AGENDA
CITY OF EL CENTRO
CITY COUNCIL
TUESDAY, SEPTEMBER 16, 2025

City Hall | **Regular Meeting** | **3:30 PM**

CITY HALL
COUNCIL CHAMBERS
1275 MAIN STREET
EL CENTRO, CA 92243

The public may attend in person. Any member of the public attending in person and wishing to make a comment is asked to complete a speaker slip and follow the instructions below regarding "Notice to the Public". Any member of the public is invited to submit public comments in advance of the meeting to be answered at the meeting. Please email your questions to CityClerk@cityofelcentro.org or call 760-337-4515 by September 16, 2025.

COUNCIL MEMBERS, STAFF AND THE PUBLIC MAY ATTEND VIA ZOOM.

To participate and make a public comment in person, via Zoom or telephone, please raise your hand, speak up and introduce yourself.

Join Zoom Meeting:
https://us06web.zoom.us/j/4180375132?pwd=Rmo5UjZ1cWdyV1VoWUhSZWp6R0tVZz09&omn=82496243215

Optional dial-in number:
Meeting ID: 418 037 5132 Passcode: 5iHJYM

Public comments via Zoom are subject to the same time limits as those in person.

The Mayor and Council Members may be reached at (760) 336-8989.

Mayor:	**Sonia Carter**	**Acting City Manager: Robert Sawyer**
Mayor Pro-Tem:	**Marty Ellett**	**City Attorney: Elizabeth Martyn Evans**
Council Members:	**Sylvia Marroquin**	**City Clerk: Norma Wyles**
	Claudia Camarena	
	Michael Crankshaw	

3:30 PM CLOSED SESSION - CONFERENCE ROOM "A":

ROLL CALL:

CLOSED SESSION PUBLIC COMMENT:
Any member of the public wishing to address the City Council on any matter appearing in the closed session may do so at this time. Unless the Mayor extends the time limit, remarks shall be limited to three (3) minutes. Additional opportunities for Public Comment will be given during and at the end of the meeting.

CITY COUNCIL ADJOURNS INTO CLOSED SESSION:

CITY COUNCIL CLOSED SESSION:

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54957:
Public Employee Appointment — City Manager

CONFERENCE WITH LABOR NEGOTIATORS PURSUANT TO GOVT. CODE SECTION 54957.6:
City representative: City Council
Negotiating with: City Manager Candidate
Regarding salary and terms

CONFERENCE WITH LABOR NEGOTIATORS PURSUANT TO GOVT. CODE SECTION 54957.6:
City representatives: Patrick Clark, consultant, Andy Heath, Interim Finance Director, Dulce Bedolla, Human Resource Director
Negotiating with all bargaining units except the Police Officer Associations and Water and Wastewater regarding salaries and fringe benefits.

NOTICE TO THE PUBLIC

This is a public meeting. If there is an item on the agenda on which you wish to be heard, you are asked to complete a blue speaker slip and submit it to the City Clerk prior to the start of the meeting. **Persons wishing to address the Council are not required to identify themselves (Gov't Code § 54953.3); however, this information assists the Mayor by ensuring that all persons wishing to address the Council are recognized and also assists the City Clerk in preparing the City Council meeting minutes.** When the item is announced and your name is called by the Mayor, please step to the podium and state your name for the record. Unless the Mayor extends the time, there is a three (3) minute time limit for each public presentation. If you wish to address the Council concerning any other matter not appearing on the agenda, you may do so during the public comment portion of the agenda. **However, you may not show a visual presentation without review of that material. If you do so, you will be considered out of order.**

* Any information provided on the "Speaker Slip" is voluntary and will be public record

6:00 OPEN SESSION

ALL TIMES ARE APPROXIMATE AND MAY VARY:

CALL TO ORDER:

ROLL CALL BY CITY CLERK:

PLEDGE OF ALLEGIANCE:

INVOCATION:

CITY ATTORNEY REPORT ON CLOSED SESSION:

(TIME MAY VARY) PUBLIC COMMENTS:

The City Council welcomes your input. At this time, members of the public may address the City Council on any matter not listed on the posted agenda. Pursuant to the Brown Act, no action will be taken on any issue brought forth under Public Comments. We ask that you please complete a "Speaker Slip" and submit it to the City Clerk prior to the start of the meeting. Although you are not required to identify yourself (Gov't Code §54953.3); this information on the "Speaker Slip" assists the Mayor that all persons wishing to address the Council are recognized and also assists the City Clerk in preparing the City Council meeting minutes. Unless the Mayor extends the time, there is a three (3) minute time limit for each public presentation.
* Any information provided on the "Speaker Slip" is voluntary and will be public record.

PRESENTATIONS AND ANNOUNCEMENTS BY MAYOR:

1. Proclamation — Domestic Violence Awareness Month, October 2025.

2. Proclamation - National Fire Prevention Week, October 5-11, 2025.

3. Presentation by Kurt Leptick and Chuck Fisher, regarding a Flag Project by the Kiwanis Club.

4. Presentation - Reps 4 Vets, Brendon Brown.

CONSENT AGENDA (ITEMS 5-16):

5. Approve Warrant Registers for the month of August 2025.

6. Approve Payroll Registers for the month of August 2025.

7. Approve Treasurer's Report for the month of August 2025.

8. Approval of the minutes of the City Council meetings held on August 28, 2025, and September 2, 2025.

9. Approval of the Valley Center Point Plaza Demolition Project Plans & Specifications.

10. Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF EQUIPMENT FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION.

11. Adopt Resolution. 25- ,RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AUTHORIZING THE ACCEPTANCE OF GRANT FUNDS FROM THE DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL FOR THE FY2025 ALCOHOL POLICING PARTNERSHIP GRANT PROGRAM.

12. Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ESTABLISHING THE APPROPRIATIONS LIMIT FOR THE 2025-2026 FISCAL YEAR IN ACCORDANCE WITH ARTICLE XIII B OF THE CONSTITUTION OF THE STATE OF CALIFORNIA.

13. Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A SERVICE TRUCK FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION BASED UPON INFORMAL BIDS.

14. Adopt Resolution 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED TRAVEL EXPENSE AND REIMBURSEMENT POLICY FOR ELECTED OFFICIALS.

15. Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED CALCARD POLICY.

16. Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A FORKLIFT FOR

THE PUBLIC WORKS WATER TREATMENT PLANT.

PUBLIC HEARINGS:

17. Public hearing for the purpose of considering a recommendation from the Planning Commission on amending the Mobile Vending Regulations.

    Presentation: Angel Hernandez, Community Development Director

    Recommendation:
    Introduction and approval of Ordinance No. 25- , AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO REPEALING CHAPTER 11, ARTICLE V; AMENDING CHAPTER 16, ARTICLE VIII; AND AMENDING CHAPTER 29 OF THE EL CENTRO CITY CODE ESTABLISHING REGULATIONS ON MOBILE VENDING, waive reading and approve as a 1st Reading and authorize City Clerk to place on the next agenda for second reading and adoption.

18. Public hearing to consider a recommendation from the Planning Commission regarding Negative Declaration 22-04 for the Vasquez Apartment Project at 1274 Pico Avenue.

    Presentation: Angel Hernandez, Community Development Director

    Recommendation:
    Adopt Resolution No. 25- , A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING NEGATIVE DECLARATION 22-04 (SCH# 2023-060637) FOR CHANGE OF ZONE 22-05, AND GENERAL PLAN AMENDMENT 22-05, A PROPOSED ZONE CHANGE FROM R1 (SINGLE-FAMILY RESIDENTIAL) TO R3 (MULTIPLE FAMILY RESIDENTIAL), AND GENERAL PLAN AMENDMENT FOR CONSISTENCY WITH THE ZONING MAP, LOCATED AT 1274 WEST PICO AVENUE, FURTHER IDENTIFIED BY APN 044-261-010.

19. Public hearing to consider a recommendation from the Planning Commission regarding General Plan Amendment 22-05 for the Vasquez Apartment Project at 1274 Pico Avenue.

    Presentation: Angel Hernandez, Community Development Director

    Recommendation:
    Adopt Resolution No. 25- , A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING GENERAL PLAN AMENDMENT 22-05 CHANGING THE LAND USE DESIGNATION FROM LOW DENSITY RESIDENTIAL TO HIGH-MEDIUM DENSITY RESIDENTIAL FOR PROPERTY WITH APN 044-161-010 AND LOCATED AT 1274 WEST PICO AVENUE, AND DECLARING SAME TO BE THE FIRST GENERAL PLAN AMENDMENT FOR CALENDAR YEAR 2025.

20. Public hearing to consider a recommendation from the Planning Commission regarding Change of Zone 22-05 for the Vasquez Apartment Project at 1274 Pico Avenue

    Presentation: Angel Hernandez, Community Development Director

    Recommendation:
    Introduction and approval of Ordinance No. 25- , AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AMENDING THE ZONING MAP OF THE CITY

OF EL CENTRO PERTAINING TO CHANGE OF ZONE 22-05, waive reading and approve as a 1st Reading and authorize City Clerk to place on the next agenda for second reading and adoption.

NEW BUSINESS:

21. Community Sponsorship — MANA de Imperial Valley

    Presentation: Robert Sawyer, Acting City Manager

    Recommendation:
    Discussion and any necessary action regarding the community sponsorship request from MANA de Imperial Valley.

22. Award of Bid and authorizing a contract for the Frazier Field Improvements Project.

    Presentation: Adriana Nava, Community Services Director

    Recommendation:
    Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AWARDING THE BID AND AUTHORIZING THE EXECUTION OF A CONTRACT FOR THE FRAZIER FIELD IMPROVEMENTS PROJECT.

23. Discussion and Any Necessary Action Regarding the Approval of Change Order #2 to Pacific Hydrotech Corp. for the Wastewater Treatment Plant UV Disinfection Improvement Project and project budget authorization.

    Presentation: Abraham Campos, Public Works Director/City Engineer

    Recommendation:
    Authorize budget as requested and authorize Change Order No. 2 to Pacific Hydrotech Corporation.

24. Discussion and any necessary action regarding the cancellation of the October 7, 2025, City Council Meeting.

    Presentation: Sonia Carter , Mayor

    Recommendation:
    Council may choose to cancel this meeting. Should any matter require immediate Council direction or action, a special meeting may be called.

LEGISLATIVE ACTION:

INFORMATIONAL ITEMS:

TASK FORCE REPORTS AND MAYOR - COUNCIL MEMBER REPORTS:

CITY MANAGER REPORT:

ADJOURNMENT:

Materials related to an item on this Agenda submitted to the City Council after distribution of the agenda packet will be available for public inspection at the Office of the City Clerk, 1275 Main Street, El Centro, California 92243, Monday-Friday during normal business hours.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, you should contact the office of the City Clerk at (760) 337-4515. Notification at least 48 hours prior to the meeting will enable the City to make reasonable arrangement to assure accessibility to this meeting.

Proclamation — Domestic Violence Awareness Month, October 2025.

CITY MANAGER'S RECOMMENDATION:
N/A

FISCAL IMPACT:
N/A

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
N/A

BACKGROUND:
N/A

DISCUSSION:
N/A

CONCLUSION:
N/A

ATTACHMENTS:
None

Proclamation - National Fire Prevention Week, October 5-11, 2025.

CITY MANAGER'S RECOMMENDATION:
N/A

FISCAL IMPACT:
N/A

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
N/A

BACKGROUND:
N/A

DISCUSSION:
N/A

CONCLUSION:
N/A

ATTACHMENTS:
None

Presentation by Kurt Leptick and Chuck Fisher, regarding a Flag Project by the Kiwanis Club.

CITY MANAGER'S RECOMMENDATION:

FISCAL IMPACT:

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

BACKGROUND:

DISCUSSION:

CONCLUSION:

ATTACHMENTS:
1. Kiwanis Flag proposal 9-2025

El Centro Kiwanis Club Launches Flag of Honor Program to Benefit Local Children

Flags to grace Imperial Avenue During Patriotic Holidays, Supporting Youth Initiatives Across the Community



This illustration represents the view looking south from the front of the El Centro Library

El Centro, CA — The El Centro Kiwanis Club is proud to announce the launch of its Flag of Honor Program, a heartfelt community initiative designed to celebrate American pride and support the children of El Centro. Beginning this season, the club will place a brilliant display of American flags along Imperial Avenue during patriotic holidays to include Veterans' day, President's Day, Flag Day, Memorial Day and the Fourth of July.

The Flag of Honor Program serves a dual purpose: to inspire civic pride and unity among El Centro residents, and to raise much-needed funds for programs that enrich the lives of

local children. With every flag that waves along Imperial Avenue, the Kiwanis Club reaffirms its commitment to service and the well-being of the community's youngest members.

A Tradition of Service Meets Patriotic Spirit

For decades, Kiwanis International has been dedicated to improving the world one child and one community at a time. The El Centro chapter continues this legacy by introducing the Flag of Honor Program, inviting residents, businesses, and organizations to sponsor flags that honor the nation's ideals and those who have served and sacrificed for our freedom.

Each flag, meticulously placed, becomes a symbol of unity and gratitude—reminding everyone who passes by Imperial Avenue of the strength and resilience that define both our country and our local community.

Flags for a Cause: How the Program Works

The El Centro Kiwanis Club's Flag of Honor Program is simple yet profound. During key patriotic holidays, volunteers will line Imperial Avenue with hundreds of American flags, transforming the city's main thoroughfare into a vibrant corridor of red, white, and blue. Community members are invited to sponsor one or more flags for a modest donation.

All proceeds from flag sponsorships will be directed toward El Centro Kiwanis Club initiatives that benefit children. These programs include school supply drives, scholarships, reading initiatives, youth leadership workshops, and support for local afterschool programs.

- Flag Sponsorship: Residents and businesses can participate by sponsoring a flag for a single holiday or for the entire year. Each sponsor will receive recognition in Kiwanis Club communications and may dedicate their flag to honor of a loved one, a military veteran, or a local hero.
- Visibility and Impact: The display of flags is not only a stirring visual but also a testament to the collective spirit of El Centro. It's an opportunity for individuals and businesses to demonstrate their patriotism while making a tangible difference in the lives of children.

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Supporting Kids, Building the Future

Every dollar raised through the Flag of Honor Program goes directly to Kiwanis Club initiatives that support youth. In recent years, the club has:

- Donated backpacks and school supplies to underprivileged students at the start of the school year
- Funded scholarships for graduating high school seniors pursuing higher education
- Partnered with local libraries to promote early literacy through book donations and reading events
- Supported afterschool clubs and youth leadership development programs

With the launch of the Flag of Honor Program, the El Centro Kiwanis Club aims to expand its impact, reaching even more children and providing opportunities for growth, learning, and leadership.

Community Involvement: How to Get Involved

The Flag of Honor Program is strengthened by the participation and enthusiasm of the El Centro community. There are many ways to get involved:

- Sponsor a Flag: Individuals, families, and businesses can sponsor flags for one or more holidays. Each sponsorship helps fund critical programs for local children.
- Spread the Word: Encourage friends, family, and colleagues to participate or donate. The more people involved, the greater the impact on the community and its youth.

To sponsor a flag or learn more about the program, visit the El Centro Kiwanis Club's website or contact the club directly via email or phone. Updates and stories from the program will also be shared on social media throughout the year.

Honoring Heroes, Inspiring Generations

The Flag of Honor Program is more than just a display of flags. It is a tribute to the values of service, patriotism, and community. Each fluttering banner along Imperial Avenue tells a story—of a loved one remembered, a veteran honored, a child supported, and a city united in purpose.

As the American flags line Imperial Avenue, they offer a stirring reminder of the freedoms we cherish and the responsibility we share: to invest in the next generation. Through the

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generosity of sponsors and the dedication of volunteers, the El Centro Kiwanis Club ensures that every child in the community has the chance to thrive.

About the El Centro Kiwanis Club

The El Centro Kiwanis Club is a local chapter of Kiwanis International, a global organization of volunteers dedicated to improving the lives of children and families. For over 100 years, Kiwanis members have been serving communities around the world, focusing on projects that build leadership skills, promote literacy, and foster healthy development in youth.

In El Centro, the club's efforts extend from annual holiday events to hands-on service projects in schools and neighborhoods. The Flag of Honor Program is the latest chapter in a legacy of giving back—a testament to the enduring power of community and collective action.

Contact Information

For more information about the Flag of Honor Program, sponsorship opportunities, or ways to volunteer, please contact:

El Centro Kiwanis Club on Facebook and Instagram

Phone: 760-554-9126

Stay connected with the El Centro Kiwanis Club on social media for updates on upcoming flag installations, stories from the community, and highlights of youth programs made possible through your support.

As the city comes together to honor its heritage and invest in its future, the El Centro Kiwanis Club invites everyone to join in waving the flag high—for country, for community, and, most of all, for the children.

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Presentation - Reps 4 Vets, Brendon Brown.

CITY MANAGER'S RECOMMENDATION:
N/A

FISCAL IMPACT:
N/A

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
N/A

BACKGROUND:
N/A

DISCUSSION:
N/A

CONCLUSION:
N/A

ATTACHMENTS:
None

Approve Warrant Registers for the month of August 2025.

CITY MANAGER'S RECOMMENDATION:

FISCAL IMPACT:

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

BACKGROUND:

DISCUSSION:

CONCLUSION:

ATTACHMENTS:
1. August 2025

CITY OF EL CENTRO

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
7897	360 BUSINESS PRODUCTS										
	213439	07/17/25		22600267	100937	P	08/01/25	10153010	620101	OFFICE SUPPLIES	980.53
	INVOICE:	OE-68595-1									
	213528	06/30/25		22509072	100937	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	28.32
	INVOICE:	WO-47601-1									
	213529	07/08/25			100937	P	08/01/25	10111020	620101	OFFICE SUPPLIES	-6.79
	INVOICE:	CP-WP-47601-1-1									
	VENDOR TOTALS		90,148.30 YTD INVOICED						5,249.06 YTD PAID		1,002.06
9324	ACE HARDWARE CORPORATION										
	213300	07/01/25		22600167	100938	P	08/01/25	10151010	620108	FLARES-BATTERIES-FILM	7.25
	INVOICE:	I62247									
	213300	07/01/25		22600167	100938	P	08/01/25	10151010	620140	SMALL TOOLS	58.76
	INVOICE:	I62247									
	213301	07/02/25		22600167	100938	P	08/01/25	10151010	620130	MAINTENANCE SUPPLIES	12.25
	INVOICE:	I62849									
	213301	07/02/25		22600167	100938	P	08/01/25	10151010	620131	PAINTING SUPPLIES	40.50
	INVOICE:	I62849									
	213302	06/27/25		22509044	100938	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	68.65
	INVOICE:	I60849									
	213302	06/27/25		22509044	100938	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	68.64
	INVOICE:	I60849									
	213302	06/27/25		22509044	100938	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	68.64
	INVOICE:	I60849									
	213303	07/11/25		22600215	100938	P	08/01/25	50195110	620130	MAINTENANCE SUPPLIES	66.41
	INVOICE:	I67565									
	213440	06/24/25		22509050	100938	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	8.65
	INVOICE:	I59217									
	213441	07/22/25		22600081	100938	P	08/01/25	10123010	630101	BUILDING MAINT.	3.44
	INVOICE:	I73138									
	213473	07/14/25		22600248	100938	P	08/01/25	10151010	620108	FLARES-BATTERIES-FILM	21.55
	INVOICE:	I68490									
	213473	07/14/25		22600248	100938	P	08/01/25	10151010	620123	IRRIGATION & SPRINKLERS	19.40
	INVOICE:	I68490									
	213473	07/14/25		22600248	100938	P	08/01/25	10151010	620128	JANITORIAL SUPPLIES	20.21
	INVOICE:	I68490									
	213473	07/14/25		22600248	100938	P	08/01/25	10151010	620130	MAINTENANCE SUPPLIES	49.77
	INVOICE:	I68490									
	213530	07/17/25		22600281	100938	P	08/01/25	50195110	620132	CONSTRUCTION MATERIAL	38.84
	INVOICE:	I70079									
	213531	07/08/25		22600281	100938	P	08/01/25	50195110	630111	OTHER FACILITY MAINT.	71.80
	INVOICE:	I64718									
	213532	07/09/25		22600281	100938	P	08/01/25	50195110	630111	OTHER FACILITY MAINT.	76.76
	INVOICE:	I65016									
	213533	07/16/25		22600281	100938	P	08/01/25	50195110	620122	GROUNDS LANDSCAPING	159.06
	INVOICE:	I69260									
	213534	04/08/25		22509066	100938	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	8.65
	INVOICE:	I29476									

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	38,491.18 YTD INVOICED						3,918.60 YTD PAID			869.23
832	ACTION TARGET INC.										
	213602	05/01/25		22506221	100939	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	2,155.03
	INVOICE: 0617445-IN										
	VENDOR TOTALS	.00 YTD INVOICED						2,155.03 YTD PAID			2,155.03
6143	ADVANCE SERVICE INC.										
	213474	07/01/25		22600228	100940	P	08/01/25	10151010	610113	PROFESSIONAL FEES (O)	23,678.00
	INVOICE: 43115										
	VENDOR TOTALS	219,899.00 YTD INVOICED						80,417.00 YTD PAID			23,678.00
9455	ALL VALLEY FENCE & MATERIALS										
	213305	07/08/25		22600255	100941	P	08/01/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	92.67
	INVOICE: 25-2161										
	VENDOR TOTALS	10,110.42 YTD INVOICED						737.22 YTD PAID			92.67
10007	AMAZON CAPITAL SERVICES, INC.										
	213308	07/01/25		22600203	100942	P	08/01/25	50295250	620101	OFFICE SUPPLIES	84.78
	INVOICE: 11V3-THW3-WRF7										
	213309	06/03/25		22508991	100942	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	101.57
	INVOICE: 1G3P-XQQN-6PQV										
	213310	05/16/25		22508991	100942	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	83.45
	INVOICE: 1VRM-V4PM-WRG1										
	213311	05/13/25		22508991	100942	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	54.10
	INVOICE: 1YCL-3J6M-W4ML										
	213312	01/13/25		22508991	100942	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	139.37
	INVOICE: 13C9-KHX4-MWCC										
	213313	05/16/25		22508988	100942	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	17.30
	INVOICE: 147K-1QTW-X77K										
	213314	05/12/25		22508988	100942	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	84.45
	INVOICE: 1HCH-16RW-GHPM										
	213315	05/16/25		22508988	100942	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	27.10
	INVOICE: 11HM-GVGL-XRMY										
	213316	07/14/25		22600256	100942	P	08/01/25	10131010	620101	OFFICE SUPPLIES	5.60
	INVOICE: 1YJK-HX79-64J4										
	213316	07/14/25		22600256	100942	P	08/01/25	50195160	620101	OFFICE SUPPLIES	5.61
	INVOICE: 1YJK-HX79-64J4										
	213316	07/14/25		22600256	100942	P	08/01/25	50295280	620101	OFFICE SUPPLIES	5.60
	INVOICE: 1YJK-HX79-64J4										
	213442	05/16/25		22509026	100942	P	08/01/25	604	300100	FB RESRVD FOR ENCUMBRANCE	66.83
	INVOICE: 17RQ-1LGX-1QXT										
	213443	01/08/25		22509026	100942	P	08/01/25	604	300100	FB RESRVD FOR ENCUMBRANCE	36.79
	INVOICE: 1X19-34HH-FVTF										
	213444	06/11/25		22509026	100942	P	08/01/25	604	300100	FB RESRVD FOR ENCUMBRANCE	64.67
	INVOICE: 1WVX-R46F-CMWH										
	213445	05/12/25		22509026	100942	P	08/01/25	604	300100	FB RESRVD FOR ENCUMBRANCE	38.27

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 1JQW-HVHG-FX7H										
	213446	05/09/25		22509016	100942	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	30.28
	INVOICE: 16RP-NQH6-DH3N										
	213447	02/19/25		22509016	100942	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	19.48
	INVOICE: 1L63-9VR9-YC4T										
	213448	07/08/25		22600227	100942	P	08/01/25	60496400	620101	OFFICE SUPPLIES	122.84
	INVOICE: 1P9Q-TJP7-YPQK										
	VENDOR TOTALS		61,337.65 YTD INVOICED						15,563.03 YTD PAID		988.09
7	AMERICAN LINEN										
	213475	07/16/25		22600301	100943	P	08/01/25	10123010	620129	LAUNDRY SERVICE & SUPPLY	78.80
	INVOICE: LYUM1897258										
	VENDOR TOTALS		18,695.79 YTD INVOICED						2,091.57 YTD PAID		78.80
5397	ANTUNEZ AUTO BODY PARTS										
	213449	07/02/25		22600236	100944	P	08/01/25	60496400	630115	OUTSIDE MAINTENANCE	844.55
	INVOICE: 123160										
	VENDOR TOTALS		3,065.89 YTD INVOICED						1,584.15 YTD PAID		844.55
1345	APPLIED INDUSTRIAL TECH.										
	213317	06/26/25		22509014	100945	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	75.57
	INVOICE: 7032453126										
	VENDOR TOTALS		2,051.65 YTD INVOICED						75.57 YTD PAID		75.57
10522	ARIZONA PIPEINE CO.										
	213450	05/09/24		22600307	100946	P	08/01/25	50110006	470103	WATER - OTHER REVENUE	477.87
	INVOICE: 1825										
	VENDOR TOTALS		.00 YTD INVOICED						477.87 YTD PAID		477.87
4170	AUTOZONE, INC.										
	213451	07/02/25		22600235	100947	P	08/01/25	60496400	630113	TIRES & BATTERIES	338.47
	INVOICE: 2803819245										
	213452	07/02/25		22600235	100947	P	08/01/25	60496400	630113	TIRES & BATTERIES	207.66
	INVOICE: 2803819095										
	VENDOR TOTALS		36,010.82 YTD INVOICED						4,827.54 YTD PAID		546.13
9471	AZTEC ENGINEERING CALIFORNIA, INC.										
	213454	07/08/25		22509073	100948	P	08/01/25	205	300100	FB RESRVD FOR ENCUMBRANCE	421.58
	INVOICE: 18060311										
	VENDOR TOTALS		163,369.46 YTD INVOICED						63,280.89 YTD PAID		421.58
1493	BAKER DISTRIBUTING COMPANY, LLC										
	213318	07/10/25		22600224	100949	P	08/01/25	10118010	620130	MAINTENANCE SUPPLIES	53.62
	INVOICE: FZ51225										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	213319	07/08/25		22600258	100949	P	08/01/25	50295210 710105	BUILDINGS	7,868.17
	INVOICE: FX29490									
	VENDOR TOTALS		67,195.09 YTD INVOICED					15,793.07 YTD PAID		7,921.79
10045	FERNANDO BANUELOS									
	213320	07/14/25		22600109	100950	P	08/01/25	10118010 620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213320									
	VENDOR TOTALS		300.00 YTD INVOICED					300.00 YTD PAID		300.00
9931	BRAWLEY ANALYTICAL, INC.									
	213321	07/09/25		22600261	100951	P	08/01/25	50295210 620137	LAB TESTS & SUPPLIES	4,639.50
	INVOICE: 001279									
	213322	07/15/25		22600261	100951	P	08/01/25	50295210 620137	LAB TESTS & SUPPLIES	334.50
	INVOICE: 001286									
	213535	07/18/25		22600282	100951	P	08/01/25	50195110 620137	LAB TESTS & SUPPLIES	2,040.00
	INVOICE: 001301									
	VENDOR TOTALS		91,461.25 YTD INVOICED					13,167.50 YTD PAID		7,014.00
4321	CHRIS CALDWELL									
	213476	07/21/25		22600242	100952	P	08/01/25	10151010 620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213476									
	VENDOR TOTALS		358.00 YTD INVOICED					300.00 YTD PAID		300.00
2555	CALIBER SCREENPRINTING INC.									
	213324	05/19/25		22508896	100953	P	08/01/25	101 300100	FB RESRVD FOR ENCUMBRANCE	990.48
	INVOICE: 60865									
	VENDOR TOTALS		30,738.34 YTD INVOICED					4,962.16 YTD PAID		990.48
4767	MARCO A. CANCHOLA									
	213325	07/15/25		22600231	100954	P	08/01/25	50195100 610109	MEETING & TRAVEL	196.75
	INVOICE: 213325									
	213325	07/15/25		22600231	100954	P	08/01/25	50295200 610109	MEETING & TRAVEL	196.75
	INVOICE: 213325									
	VENDOR TOTALS		655.00 YTD INVOICED					693.50 YTD PAID		393.50
1846	CARLOS NEON SIGNS									
	213326	05/21/25		22508894	100955	P	08/01/25	261 300100	FB RESRVD FOR ENCUMBRANCE	1,000.00
	INVOICE: 692									
	213326	05/21/25		22508894	100955	P	08/01/25	299 300100	FB RESRVD FOR ENCUMBRANCE	1,327.38
	INVOICE: 692									
	VENDOR TOTALS		21,684.67 YTD INVOICED					3,151.16 YTD PAID		2,327.38
4323	CDW GOVERNMENT, INC.									
	213455	07/10/25		22508605	100956	P	08/01/25	412 300100	FB RESRVD FOR ENCUMBRANCE	991.15

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: AE81G4B										
	213456	07/03/25		22508605	100956	P	08/01/25	412	300100	FB RESRVD FOR ENCUMBRANCE	3,964.59
	INVOICE: AE8GR8G										
	213457	06/27/25		22508605	100956	P	08/01/25	412	300100	FB RESRVD FOR ENCUMBRANCE	9,107.63
	INVOICE: AE7Z97C										
	213458	07/15/25		22508605	100956	P	08/01/25	412	300100	FB RESRVD FOR ENCUMBRANCE	318.04
	INVOICE: AE9C11I										
	VENDOR TOTALS		149,886.80 YTD INVOICED						84,765.48 YTD PAID		14,381.41
10430	ANDRES CERVANTES										
	213551	07/09/25		22600156	100957	P	08/01/25	10121010	510102	SALARIES PERMANENT SWORN	258.00
	INVOICE: 213551										
	VENDOR TOTALS		4,124.25 YTD INVOICED						258.00 YTD PAID		258.00
650	CLINICAL LAB OF SAN BERNARDINO, INC.										
	213536	07/15/25		22600271	100958	P	08/01/25	50195110	620137	LAB TESTS & SUPPLIES	120.00
	INVOICE: 2501103-ELC01										
	VENDOR TOTALS		5,090.00 YTD INVOICED						730.00 YTD PAID		120.00
10381	CLOUDBURST CONSULTING GROUP, INC.										
	213327	04/30/25		22508954	100959	P	08/01/25	243	300100	FB RESRVD FOR ENCUMBRANCE	400.00
	INVOICE: 17740										
	VENDOR TOTALS		1,680.00 YTD INVOICED						11,428.00 YTD PAID		400.00
1371	CONSOLIDATED ELEC DISTRIBUTORS, INC.										
	213460	04/03/25		22509082	100960	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	355.58
	INVOICE: 1964-1016303										
	VENDOR TOTALS		3,973.12 YTD INVOICED						1,514.98 YTD PAID		355.58
1980	CORONA CLAY COMPANY										
	213328	07/11/25		22600050	100961	P	08/01/25	10151010	620115	ATHLETIC FIELD SUPP	3,970.00
	INVOICE: 16880										
	VENDOR TOTALS		7,940.00 YTD INVOICED						3,970.00 YTD PAID		3,970.00
2470	COUNTY OF SAN DIEGO, RCS										
	213329	07/01/25		22509001	100962	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	295.00
	INVOICE: 25ELCNPWN12										
	213329	07/01/25		22509001	100962	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	9.83
	INVOICE: 25ELCNPWN12										
	213329	07/01/25		22509001	100962	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	383.50
	INVOICE: 25ELCNPWN12										
	213329	07/01/25		22509001	100962	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	118.00
	INVOICE: 25ELCNPWN12										
	213329	07/01/25		22509001	100962	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	150.00
	INVOICE: 25ELCNPWN12										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	213329	07/01/25		22509001	100962	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	118.00
	INVOICE: 25ELCNPWN12									
	213329	07/01/25		22509001	100962	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	27.01
	INVOICE: 25ELCNPWN12									
	213329	07/01/25		22509001	100962	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	9.83
	INVOICE: 25ELCNPWN12									
	213329	07/01/25		22509001	100962	P	08/01/25	502 300100	FB RESRVD FOR ENCUMBRANCE	27.00
	INVOICE: 25ELCNPWN12									
	213329	07/01/25		22509001	100962	P	08/01/25	502 300100	FB RESRVD FOR ENCUMBRANCE	150.00
	INVOICE: 25ELCNPWN12									
	213329	07/01/25		22509001	100962	P	08/01/25	502 300100	FB RESRVD FOR ENCUMBRANCE	383.50
	INVOICE: 25ELCNPWN12									
	213329	07/01/25		22509001	100962	P	08/01/25	502 300100	FB RESRVD FOR ENCUMBRANCE	9.83
	INVOICE: 25ELCNPWN12									
	213329	07/01/25		22509001	100962	P	08/01/25	604 300100	FB RESRVD FOR ENCUMBRANCE	88.50
	INVOICE: 25ELCNPWN12									
	VENDOR TOTALS		95,946.50 YTD INVOICED					13,741.50 YTD PAID		1,770.00
3994	CWEA									
	213562	07/03/25		22600252	100963	P	08/01/25	50295250 610121	DUES & SUBSCRIPTIONS	119.00
	INVOICE: 23558/FY2026.									
	VENDOR TOTALS		357.00 YTD INVOICED					119.00 YTD PAID		119.00
2194	D&H WATER SYSTEMS, INC.									
	213331	05/30/25		22508990	100964	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	2,806.44
	INVOICE: I2025-0738									
	213537	06/27/25		22507029	100965	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	61,486.00
	INVOICE: I2025-0870									
	VENDOR TOTALS		55,106.35 YTD INVOICED					64,292.44 YTD PAID		64,292.44
4933	DEMCO, INC.									
	213462	07/14/25		22600288	100966	P	08/01/25	10153010 620101	OFFICE SUPPLIES	391.43
	INVOICE: 7669305									
	VENDOR TOTALS		7,598.06 YTD INVOICED					391.43 YTD PAID		391.43
9160	DESERT VALLEY POWER SYSTEMS LLC									
	213332	05/16/25		22509005	100967	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	2,100.00
	INVOICE: 3214									
	213333	05/16/25		22509005	100967	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	1,950.00
	INVOICE: 3215									
	213334	06/05/25		22509005	100967	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	1,440.00
	INVOICE: 3246									
	213335	04/03/25		22509005	100967	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	3,918.82
	INVOICE: 3140									
	VENDOR TOTALS		137,449.12 YTD INVOICED					10,263.82 YTD PAID		9,408.82

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
6284	DUDEK									
	213337	07/03/25		22509042	100968	P	08/01/25	214 300100	FB RESRVD FOR ENCUMBRANCE	144,765.45
	INVOICE: 202505158									
	VENDOR TOTALS		318,233.96 YTD INVOICED					144,765.45 YTD PAID		144,765.45
8100	EA ELECTRIC									
	213338	07/11/25		22600208	100969	P	08/01/25	50195110 630111	OTHER FACILITY MAINT.	12,612.50
	INVOICE: INV296									
	213339	07/11/25		22600208	100969	P	08/01/25	50195110 630111	OTHER FACILITY MAINT.	12,612.50
	INVOICE: INV297									
	VENDOR TOTALS		68,318.37 YTD INVOICED					37,147.00 YTD PAID		25,225.00
102	EL CENTRO MOTORS									
	213595	07/03/25		22600133	100970	P	08/01/25	29921010 730103	PUBLIC SAFETY VEHICLES	44,102.58
	INVOICE: 1FMUK7DH4SGC21336									
	213596	07/03/25		22600134	100970	P	08/01/25	29921010 730103	PUBLIC SAFETY VEHICLES	43,003.85
	INVOICE: 1FMUK7DH6SGB57753									
	VENDOR TOTALS		178,749.73 YTD INVOICED					87,575.53 YTD PAID		87,106.43
10585	ENRIQUEZ, ROCIO DE JESUS									
	213524	07/29/25			100971	P	08/01/25	501 104001	ACCOUNTS RECEIVABLE	6.31
	INVOICE: 213524									
	VENDOR TOTALS		.00 YTD INVOICED					6.31 YTD PAID		6.31
9892	ENVIRONMENTAL WATER SOLUTIONS, INC.									
	213340	07/10/25		22600223	100972	P	08/01/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	745.62
	INVOICE: 5696458									
	VENDOR TOTALS		44,943.50 YTD INVOICED					745.62 YTD PAID		745.62
1691	ERS INDUSTRIAL SERVICES, INC.									
	213538	07/14/25		22600274	100973	P	08/01/25	50195110 620136	TREATMENT CHEMICALS	19,750.00
	INVOICE: 101386									
	VENDOR TOTALS		.00 YTD INVOICED					19,750.00 YTD PAID		19,750.00
10084	EVOQUA WATER TECHNOLOGIES									
	213341	07/09/25		22600206	100974	P	08/01/25	50295210 620136	TREATMENT CHEMICALS	15,290.66
	INVOICE: 907115451									
	VENDOR TOTALS		116,925.88 YTD INVOICED					15,290.66 YTD PAID		15,290.66
8149	EXPERT NETWORKS, INC.									
	213606	07/29/25		22600361	100975	P	08/01/25	10113040 630109	COMPUTER EQUIP. MAINT.	702.00
	INVOICE: 221296									

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		2,418.00 YTD INVOICED						702.00 YTD PAID		702.00
840	FARWEST CORROSION CONTROL CO.										
	213467	11/07/24		22600309	100976	P	08/01/25	50110006	470103	WATER - OTHER REVENUE	450.00
	INVOICE: 1835										
	VENDOR TOTALS		.00 YTD INVOICED						450.00 YTD PAID		450.00
247	FEDEX										
	213344	06/13/25		22509036	100977	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	5.35
	INVOICE: 9-697-25626										
	213345	07/11/25		22600205	100977	P	08/01/25	50195110	620137	LAB TESTS & SUPPLIES	60.52
	INVOICE: 9-699-01814										
	VENDOR TOTALS		9,779.16 YTD INVOICED						625.79 YTD PAID		65.87
4462	FERGUSON ENTERPRISES, INC.										
	213463	07/09/25		22600269	100978	P	08/01/25	10123010	630101	BUILDING MAINT.	729.68
	INVOICE: 5555273										
	213464	07/09/25		22600269	100978	P	08/01/25	10123010	630101	BUILDING MAINT.	105.34
	INVOICE: 5559444										
	213465	07/09/25		22600269	100978	P	08/01/25	10123010	630101	BUILDING MAINT.	270.55
	INVOICE: 5553831										
	213466	07/02/25		22600269	100978	P	08/01/25	10123010	630101	BUILDING MAINT.	161.07
	INVOICE: 5542686										
	VENDOR TOTALS		86,009.42 YTD INVOICED						3,615.56 YTD PAID		1,266.64
4317	FRUTH GROUP INC.										
	213346	07/01/25		22508997	100979	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	3.27
	INVOICE: 746209										
	213346	07/01/25		22508997	100979	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	3.26
	INVOICE: 746209										
	213346	07/01/25		22508997	100979	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	3.27
	INVOICE: 746209										
	213347	07/14/25		22600270	100979	P	08/01/25	10114010	620103	PRINTING	33.65
	INVOICE: 747931										
	213468	07/08/25		22600264	100979	P	08/01/25	10153010	630106	OFFICE MACHINES MAINT.	50.29
	INVOICE: 746997										
	VENDOR TOTALS		74,718.99 YTD INVOICED						32,587.85 YTD PAID		93.74
10565	KAILEI GALLEGOS										
	213349	05/27/25		22508812	100980	P	08/01/25	10110006	460116	RECREATION FEES	55.00
	INVOICE: 2672725										
	VENDOR TOTALS		.00 YTD INVOICED						55.00 YTD PAID		55.00
861	GAME TIME										
	213350	05/22/25		22508892	100981	P	08/01/25	299	300100	FB RESRVD FOR ENCUMBRANCE	18,000.00

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: PJI-0270387										
	VENDOR TOTALS		294,924.81 YTD INVOICED					18,000.00 YTD PAID			18,000.00
10379	RUBEN GARCIA										
	213501	07/05/25		22600165	100982	P	08/01/25	10152010	620112	PROTECTIVE CLOTHING	91.44
	INVOICE: 213501										
	VENDOR TOTALS		156.95 YTD INVOICED					391.44 YTD PAID			91.44
1017	MIGUEL GARRIDO										
	213552	07/10/25		22600222	100983	P	08/01/25	22521280	510105	OVERTIME	307.50
	INVOICE: 213552										
	VENDOR TOTALS		1,180.50 YTD INVOICED					307.50 YTD PAID			307.50
10586	GOMEZ, JOSEPH G.										
	213525	07/29/25			100984	P	08/01/25	501	104001	ACCOUNTS RECEIVABLE	21.20
	INVOICE: 213525										
	VENDOR TOTALS		.00 YTD INVOICED					21.20 YTD PAID			21.20
8189	GORDON'S CARPET ONE										
	213351	06/27/25		22508735	100985	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	2,057.56
	INVOICE: L40613										
	213352	06/27/25		22508734	100986	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,700.00
	INVOICE: L40612										
	VENDOR TOTALS		50,035.18 YTD INVOICED					3,757.56 YTD PAID			3,757.56
10483	GRAVES CONSTRUCTION										
	213469	10/07/24		22600305	100987	P	08/01/25	50110006	470103	WATER - OTHER REVENUE	207.50
	INVOICE: 1833										
	VENDOR TOTALS		.00 YTD INVOICED					207.50 YTD PAID			207.50
3581	HAVENS AND SONS TRUCKING										
	213527	06/30/25		22508955	100988	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	379.96
	INVOICE: 202507-11										
	VENDOR TOTALS		6,088.15 YTD INVOICED					379.96 YTD PAID			379.96
4982	HOME DEPOT										
	213555	07/14/25		22600260	100989	P	08/01/25	10118010	620130	MAINTENANCE SUPPLIES	51.13
	INVOICE: 6902661										
	213558	07/15/25		22600272	100989	P	08/01/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	277.11
	INVOICE: 5902794										
	213559	05/30/25		22509071	100989	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	26.95
	INVOICE: 1902512										
	213560	06/30/25		22508770	100989	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	29.00
	INVOICE: 900833										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	213560	06/30/25		22508770	100989	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	8.50
	INVOICE: 900833										
	213560	06/30/25		22508770	100989	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	47.51
	INVOICE: 900833										
	213561	06/30/25		22508770	100989	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	68.39
	INVOICE: 900838										
	VENDOR TOTALS		104,591.54 YTD INVOICED						7,441.55 YTD PAID		508.59
5691	I.C. WORK TRAINING CENTER, INC.										
	213477	06/30/25		22509023	100990	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,372.00
	INVOICE: 3437										
	213477	06/30/25		22509023	100990	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,176.00
	INVOICE: 3437										
	213477	06/30/25		22509023	100990	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	980.00
	INVOICE: 3437										
	VENDOR TOTALS		165,414.82 YTD INVOICED						33,381.92 YTD PAID		3,528.00
10562	IBARRA, TOMAS										
	213523	07/29/25			100991	P	08/01/25	504	104001	ACCOUNTS RECEIVABLE	13.75
	INVOICE: 213523										
	VENDOR TOTALS		13.75 YTD INVOICED						13.75 YTD PAID		13.75
538	IMPERIAL COUNTY ASSESSOR										
	213354	03/07/25		22600212	100992	P	08/01/25	10143010	610113	PROFESSIONAL FEES (O)	177.52
	INVOICE: 2510										
	213354	03/07/25		22600212	100992	P	08/01/25	10144010	610113	PROFESSIONAL FEES (O)	177.52
	INVOICE: 2510										
	213354	03/07/25		22600212	100992	P	08/01/25	50195160	610113	PROFESSIONAL FEES (O)	177.52
	INVOICE: 2510										
	213354	03/07/25		22600212	100992	P	08/01/25	50295280	610113	PROFESSIONAL FEES (O)	177.53
	INVOICE: 2510										
	VENDOR TOTALS		710.09 YTD INVOICED						710.09 YTD PAID		710.09
1626	IMPERIAL CO OFFICE OF EDUCATIO										
	213597	07/09/25		22600363	100993	P	08/01/25	10113040	630107	COMMUNICATION EQUIPMENT M	70,672.00
	INVOICE: INV26-00006										
	213597	07/09/25		22600363	100993	P	08/01/25	50195110	630107	COMMUNICATION EQUIPMENT M	13,251.00
	INVOICE: INV26-00006										
	213597	07/09/25		22600363	100993	P	08/01/25	50295210	630107	COMMUNICATION EQUIPMENT M	13,251.00
	INVOICE: INV26-00006										
	VENDOR TOTALS		87,793.00 YTD INVOICED						97,174.00 YTD PAID		97,174.00
2392	IMPERIAL STEEL CO., LLC										
	213355	07/03/25		22600168	100994	P	08/01/25	10151010	630105	OTHER MAINT.	93.74
	INVOICE: 12680										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	904.09 YTD INVOICED					93.74 YTD PAID				93.74
149	IMPERIAL VALLEY PAINT CENTER										
	213539	06/27/25		22509068	100995	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	800.56
	INVOICE:	403235B									
	VENDOR TOTALS	835.69 YTD INVOICED					904.32 YTD PAID				800.56
607	IMPERIAL VALLEY PRESS										
	213356	06/14/25		22508766	100996	P	08/01/25	299	300100	FB RESRVD FOR ENCUMBRANCE	984.13
	INVOICE:	484038									
	VENDOR TOTALS	29,758.98 YTD INVOICED					3,103.37 YTD PAID				984.13
141	IMPERIAL VALLEY TERMITE										
	213357	07/14/25		22600253	100997	P	08/01/25	50195160	610113	PROFESSIONAL FEES (O)	25.00
	INVOICE:	0353186									
	213357	07/14/25		22600253	100997	P	08/01/25	50295280	610113	PROFESSIONAL FEES (O)	25.00
	INVOICE:	0353186									
	213358	07/14/25		22600253	100997	P	08/01/25	50195160	610113	PROFESSIONAL FEES (O)	70.00
	INVOICE:	0353187									
	213358	07/14/25		22600253	100997	P	08/01/25	50295280	610113	PROFESSIONAL FEES (O)	70.00
	INVOICE:	0353187									
	213359	06/24/25		22509004	100997	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	110.00
	INVOICE:	0351969									
	213478	07/21/25		22600287	100997	P	08/01/25	10123010	630101	BUILDING MAINT.	95.00
	INVOICE:	0353191									
	VENDOR TOTALS	8,492.00 YTD INVOICED					949.00 YTD PAID				395.00
10368	INTIME SERVICES, INC.										
	213479	07/24/25		22508104	100998	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	10,123.00
	INVOICE:	13993									
	213479	07/24/25		22508104	100998	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	317.00
	INVOICE:	13993									
	VENDOR TOTALS	16,640.00 YTD INVOICED					10,440.00 YTD PAID				10,440.00
2513	IVRMA										
	213598	07/22/25		22600364	100999	P	08/01/25	10139010	610129	OTHER EXPENSE	57,646.65
	INVOICE:	2526-0004									
	213599	07/22/25		22600364	100999	P	08/01/25	28439030	610113	PROFESSIONAL FEES/OTHER	35,773.87
	INVOICE:	2526-0012									
	VENDOR TOTALS	93,420.51 YTD INVOICED					93,420.52 YTD PAID				93,420.52
3760	JADE SECURITY SYSTEMS INC.										
	213480	07/10/25		22600240	101000	P	08/01/25	50195160	610113	PROFESSIONAL FEES (O)	104.97
	INVOICE:	4761/JULY2025									
	213480	07/10/25		22600240	101000	P	08/01/25	50295280	610113	PROFESSIONAL FEES (O)	104.97

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 4761/JULY2025									
	VENDOR TOTALS	123,851.01 YTD INVOICED						6,457.87 YTD PAID		209.94
821	JCI JONES CHEMICALS, INC.									
	213540	07/17/25		22600286	101001	P	08/01/25	50195110 620136	TREATMENT CHEMICALS	10,496.89
	INVOICE: 973736									
	VENDOR TOTALS	235,853.62 YTD INVOICED						30,210.38 YTD PAID		10,496.89
9996	JOE A. GONSALVES & SON									
	213363	07/22/25		22600296	101002	P	08/01/25	10112020 610115	PROFESSIONAL FEES (L)	5,500.00
	INVOICE: 162637									
	VENDOR TOTALS	66,000.00 YTD INVOICED						11,000.00 YTD PAID		5,500.00
6291	K-C WELDING & RENTALS INC.									
	213364	07/10/25		22600210	101003	P	08/01/25	50195110 620114	OTHER SAFETY SUPPLIES	267.36
	INVOICE: 215390									
	213481	07/09/25		22600251	101003	P	08/01/25	10151010 630108	FIELD/SHOP EQUIP. MAINT.	250.05
	INVOICE: 215336									
	VENDOR TOTALS	40,247.10 YTD INVOICED						517.41 YTD PAID		517.41
610	KNORR SYSTEMS, INC.									
	213365	07/08/25		22600146	101004	P	08/01/25	10152060 610113	PROFESSIONAL FEES/OTHER	13,491.81
	INVOICE: PKG#312187									
	VENDOR TOTALS	76,982.59 YTD INVOICED						17,402.70 YTD PAID		13,491.81
7550	LABOR COMPLIANCE CONSULTANTS OF SO. CAL.									
	213366	05/05/25		22508919	101005	P	08/01/25	299 300100	FB RESRVD FOR ENCUMBRANCE	595.00
	INVOICE: 2936									
	213367	07/07/25		22508918	101005	P	08/01/25	299 300100	FB RESRVD FOR ENCUMBRANCE	276.25
	INVOICE: 2960									
	213368	06/19/25		22508921	101005	P	08/01/25	243 300100	FB RESRVD FOR ENCUMBRANCE	1,500.00
	INVOICE: 2937									
	213369	07/07/25		22508920	101005	P	08/01/25	243 300100	FB RESRVD FOR ENCUMBRANCE	1,500.00
	INVOICE: 2959									
	VENDOR TOTALS	18,349.94 YTD INVOICED						4,041.25 YTD PAID		3,871.25
4406	LABRUCHERIE IRRIGATION SUPPLY									
	213370	07/11/25		22600257	101006	P	08/01/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	53.26
	INVOICE: 306662C									
	213371	07/01/25		22600166	101006	P	08/01/25	10151010 620123	IRRIGATION & SPRINKLERS	127.20
	INVOICE: 306038C									
	213372	07/01/25		22600166	101006	P	08/01/25	20434060 620130	MAINTENANCE SUPPLIES	129.60
	INVOICE: 306039C									
	213373	07/02/25		22600166	101006	P	08/01/25	10151010 620123	IRRIGATION & SPRINKLERS	162.66
	INVOICE: 306116C									

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	213374	07/03/25		22600166	101006	P	08/01/25	10151010	620123	IRRIGATION & SPRINKLERS	145.35
	INVOICE: 306219C										
	213375	06/01/25		22508956	101006	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	80.62
	INVOICE: 306058C										
	213376	06/30/25		22508956	101006	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	4.76
	INVOICE: 306016C										
	213482	07/08/25		22600249	101006	P	08/01/25	10151010	620123	IRRIGATION & SPRINKLERS	10.70
	INVOICE: 306373C										
	213541	07/17/25		22600280	101006	P	08/01/25	50195110	620139	PIPE FITTINGS	1,146.49
	INVOICE: 306959C										
	VENDOR TOTALS		123,870.08	YTD INVOICED					15,674.98	YTD PAID	1,860.64
2790	LANDMARK CONSULTANTS, INC.										
	213377	07/08/25		22509002	101007	P	08/01/25	412	300100	FB RESRVD FOR ENCUMBRANCE	720.00
	INVOICE: LE0725-53A										
	VENDOR TOTALS		90,690.00	YTD INVOICED					5,040.00	YTD PAID	720.00
10432	MARIO LARIOS										
	213553	07/09/25		22600155	101008	P	08/01/25	10121010	510102	SALARIES PERMANENT SWORN	258.00
	INVOICE: 213553										
	VENDOR TOTALS		4,124.25	YTD INVOICED					258.00	YTD PAID	258.00
265	LEE TIRE CO.										
	213470	07/03/25		22600238	101009	P	08/01/25	60496400	630115	OUTSIDE MAINTENANCE	90.00
	INVOICE: 406050										
	VENDOR TOTALS		1,163.71	YTD INVOICED					190.00	YTD PAID	90.00
10158	ARTURO LEYVA										
	213378	07/14/25		22600226	101010	P	08/01/25	50195100	610109	MEETING & TRAVEL	393.50
	INVOICE: 213378										
	VENDOR TOTALS		286.61	YTD INVOICED					393.50	YTD PAID	393.50
4003	LIFE ASSIST INC.										
	213471	07/03/25		22600082	101011	P	08/01/25	10123040	620111	PARAMEDIC SUPPLIES	1,393.07
	INVOICE: 1615533										
	213483	07/21/25		22600082	101011	P	08/01/25	10123040	620111	PARAMEDIC SUPPLIES	173.50
	INVOICE: 1620202										
	VENDOR TOTALS		20,210.34	YTD INVOICED					2,212.78	YTD PAID	1,566.57
9972	RICARDO LONGORIA										
	213484	07/21/25		22600245	101012	P	08/01/25	10151010	620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213484										
	VENDOR TOTALS		300.00	YTD INVOICED					300.00	YTD PAID	300.00

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
1555	LORI'S SANITATION SERVICES										
	213472	11/26/12		22600306	101013	P	08/01/25	50110006	470103	WATER - OTHER REVENUE	325.62
	INVOICE: 1621										
	VENDOR TOTALS			.00 YTD INVOICED					325.62 YTD PAID		325.62
3528	MCMASTER-CARR SUPPLY CO.										
	213379	07/09/25		22600213	101014	P	08/01/25	50195110	630111	OTHER FACILITY MAINT.	399.03
	INVOICE: 48454508										
	213380	07/10/25		22600213	101014	P	08/01/25	50195110	630111	OTHER FACILITY MAINT.	179.03
	INVOICE: 48526396										
	VENDOR TOTALS			4,582.55 YTD INVOICED					578.06 YTD PAID		578.06
276	MCNEECE BROS. OIL CO. INC.										
	213381	06/30/25		22509010	101015	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	7.45
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	2.48
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	2.48
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	2.47
	INVOICE: 1042/6/30/25										
	213381	06/30/25		22509010	101015	P	08/01/25	604	300100	FB RESRVD FOR ENCUMBRANCE	7.43
	INVOICE: 1042/6/30/25										
	213382	06/30/25		22509009	101015	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,063.18
	INVOICE: 918062										
	213382	06/30/25		22509009	101015	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	2,511.86
	INVOICE: 918062										
	213382	06/30/25		22509009	101015	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	174.63
	INVOICE: 918062										
	213382	06/30/25		22509009	101015	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	1,297.32
	INVOICE: 918062										
	213382	06/30/25		22509009	101015	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	2,282.15
	INVOICE: 918062										
	213382	06/30/25		22509009	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	1,297.32
	INVOICE: 918062										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	213382	06/30/25		22509009	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	708.78
	INVOICE: 918062										
	213382	06/30/25		22509009	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	202.63
	INVOICE: 918062										
	213382	06/30/25		22509009	101015	P	08/01/25	604	300100	FB RESRVD FOR ENCUMBRANCE	409.57
	INVOICE: 918062										
	213383	06/24/25		22508995	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	184.71
	INVOICE: 619384										
	213384	06/26/25		22508995	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	331.13
	INVOICE: 619498										
	213385	06/26/25		22508995	101015	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	569.27
	INVOICE: 619496										
	213486	07/11/25		22600268	101015	P	08/01/25	10123010	630112	GASOLINE & OIL	726.04
	INVOICE: 620047										
	213487	07/11/25		22600268	101015	P	08/01/25	10123010	630112	GASOLINE & OIL	556.09
	INVOICE: 620048										
	213488	07/18/25		22600304	101015	P	08/01/25	10123010	630112	GASOLINE & OIL	799.51
	INVOICE: 620390										
	VENDOR TOTALS		430,662.98 YTD INVOICED						82,473.66 YTD PAID		13,188.51
10566	MDM CONSTRUCTION INC										
	213489	11/05/24		22600310	101016	P	08/01/25	50110006	470103	WATER - OTHER REVENUE	450.00
	INVOICE: 1834										
	VENDOR TOTALS		.00 YTD INVOICED						450.00 YTD PAID		450.00
6025	MED-TECH RESOURCE, INC.										
	213490	07/21/25		22600083	101017	P	08/01/25	10123040	620111	PARAMEDIC SUPPLIES	501.87
	INVOICE: 154500										
	213491	07/16/25		22600302	101017	P	08/01/25	10123040	620111	PARAMEDIC SUPPLIES	2,175.24
	INVOICE: 154455										
	213492	07/14/25		22600303	101017	P	08/01/25	10123010	620112	PROTECTIVE CLOTHING	881.44
	INVOICE: 154399										
	213542	07/23/25		22600083	101017	P	08/01/25	10123040	620111	PARAMEDIC SUPPLIES	519.34
	INVOICE: 154547										
	VENDOR TOTALS		18,444.29 YTD INVOICED						4,375.00 YTD PAID		4,077.89
9706	MOBILE CITIZEN, LLC										
	213493	07/11/25		22600289	101018	P	08/01/25	10153010	610121	DUES & SUBSCRIPTIONS	2,044.16
	INVOICE: INV26335										
	VENDOR TOTALS		960.00 YTD INVOICED						2,044.16 YTD PAID		2,044.16
2011	MARIO MORENO										
	213600	07/14/25		22600121	101019	P	08/01/25	10132010	620120	STREET CONSTRUCTION	300.00
	INVOICE: 213600										
	VENDOR TOTALS		300.00 YTD INVOICED						300.00 YTD PAID		300.00

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
5821	VICTOR MORENO										
	213494	07/21/25		22600244	101020	P	08/01/25	10151010	620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213494										
	VENDOR TOTALS		300.00	YTD INVOICED				300.00	YTD PAID		300.00
9395	JESUS NAVARRO										
	213386	07/14/25		22600234	101021	P	08/01/25	60496400	610109	MEETING & TRAVEL	393.50
	INVOICE: 213386										
	VENDOR TOTALS		363.00	YTD INVOICED				393.50	YTD PAID		393.50
10584	NECIUK, MICHAEL										
	213522	07/29/25			101022	P	08/01/25	504	104001	ACCOUNTS RECEIVABLE	85.69
	INVOICE: 213522										
	VENDOR TOTALS		.00	YTD INVOICED				85.69	YTD PAID		85.69
7918	NICKLAUS ENGINEERING, INC.										
	213387	07/09/25		22509027	101023	P	08/01/25	401	300100	FB RESRVD FOR ENCUMBRANCE	25,561.40
	INVOICE: 0041189										
	VENDOR TOTALS		169,824.44	YTD INVOICED				53,201.40	YTD PAID		25,561.40
1878	NOBEL SYSTEMS										
	213388	05/23/25		22600217	101024	P	08/01/25	10143010	610113	PROFESSIONAL FEES (O)	1,499.58
	INVOICE: 16165										
	213388	05/23/25		22600217	101024	P	08/01/25	10144010	610113	PROFESSIONAL FEES (O)	1,499.58
	INVOICE: 16165										
	213388	05/23/25		22600217	101024	P	08/01/25	50195160	610113	PROFESSIONAL FEES (O)	1,499.58
	INVOICE: 16165										
	213388	05/23/25		22600217	101024	P	08/01/25	50295280	610113	PROFESSIONAL FEES (O)	1,499.60
	INVOICE: 16165										
	213389	04/30/25		22600218	101024	P	08/01/25	50195160	610113	PROFESSIONAL FEES (O)	4,600.00
	INVOICE: 16140										
	213389	04/30/25		22600218	101024	P	08/01/25	50295280	610113	PROFESSIONAL FEES (O)	4,600.00
	INVOICE: 16140										
	VENDOR TOTALS		40,108.34	YTD INVOICED				15,198.34	YTD PAID		15,198.34
9305	NUCo2										
	213390	06/30/25		22508932	101025	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	453.26
	INVOICE: 80581383										
	VENDOR TOTALS		21,916.70	YTD INVOICED				1,650.94	YTD PAID		453.26
5042	NV5 INC.										
	213391	06/22/25		22508996	101026	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	11,759.00
	INVOICE: 455558										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	53,682.50 YTD INVOICED							17,971.00 YTD PAID		11,759.00
7057	O'REILLY AUTO PARTS										
	213392	07/07/25		22600232	101027	P	08/01/25	60496400	630114	PARTS	11.90
	INVOICE:	4340-150441									
	213393	07/10/25		22600232	101027	P	08/01/25	60496400	630114	PARTS	541.23
	INVOICE:	4340-151114									
	213394	07/09/25		22600232	101027	P	08/01/25	60496400	630114	PARTS	9.73
	INVOICE:	4340-150932									
	213395	07/07/25		22600232	101027	P	08/01/25	60496400	630114	PARTS	258.11
	INVOICE:	4340-150531									
	213396	07/09/25		22600232	101027	P	08/01/25	60496400	630114	PARTS	33.71
	INVOICE:	4340-150862									
	213397	07/02/25		22600232	101027	P	08/01/25	60496400	630114	PARTS	55.08
	INVOICE:	4340-149624									
	213398	07/03/25		22600232	101027	P	08/01/25	60496400	630113	TIRES & BATTERIES	173.52
	INVOICE:	4340-149851									
	213399	07/03/25		22600232	101027	P	08/01/25	60496400	630113	TIRES & BATTERIES	173.52
	INVOICE:	4340-149882									
	213400	07/02/25		22600232	101027	P	08/01/25	60496400	630114	PARTS	55.08
	INVOICE:	4340-149618									
	213401	07/03/25			101027	P	08/01/25	60496400	630113	TIRES & BATTERIES	-173.52
	INVOICE:	4340-149883									
	213402	07/10/25		22600211	101027	P	08/01/25	50195110	630116	MOTOR VEHICLE EXPENSE	351.75
	INVOICE:	4340-151185									
	VENDOR TOTALS	30,510.61 YTD INVOICED							1,596.73 YTD PAID		1,490.11
3700	ONE SOURCE DISTRIBUTORS INC										
	213403	07/07/25		22600241	101028	P	08/01/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	39.99
	INVOICE:	S007971806.001									
	VENDOR TOTALS	3,282.14 YTD INVOICED							1,458.98 YTD PAID		39.99
10048	ANTHONY OROZCO										
	213495	07/14/25		22600123	101029	P	08/01/25	10132010	620120	STREET CONSTRUCTION	300.00
	INVOICE:	213495									
	VENDOR TOTALS	1,000.00 YTD INVOICED							300.00 YTD PAID		300.00
3093	PENWORTHY COMPANY										
	213497	07/10/25		22600265	101030	P	08/01/25	10153010	610107	BOOKS & PERIODICALS	701.31
	INVOICE:	0609544-IN									
	213498	07/02/25		22600279	101030	P	08/01/25	10153010	610107	BOOKS & PERIODICALS	1,147.31
	INVOICE:	0609336-IN									
	VENDOR TOTALS	18,818.94 YTD INVOICED							1,848.62 YTD PAID		1,848.62
9569	FERNANDO PERAZA										
	213404	07/01/25		22600101	101031	P	08/01/25	21761180	640121	LOANS	480.00

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 213404										
	VENDOR TOTALS		4,800.00 YTD INVOICED						480.00 YTD PAID		480.00
10567	PINE VALLEY DANCE & PLAY										
	213499	06/30/25		22509022	101032	P	08/01/25	10110006	460129	CONTRACT INSTRUCTORS	936.00
	INVOICE: 213499										
	VENDOR TOTALS		.00 YTD INVOICED						7,137.00 YTD PAID		936.00
3940	POLYDYNE, INC.										
	213405	06/27/25		22509047	101033	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	3,349.96
	INVOICE: 1940585										
	213543	07/18/25		22600285	101033	P	08/01/25	50195110	620136	TREATMENT CHEMICALS	8,926.66
	INVOICE: 1946373										
	VENDOR TOTALS		148,563.43 YTD INVOICED						29,759.06 YTD PAID		12,276.62
3121	PRO RECORD STORAGE & SHRED INC										
	213406	07/01/25		22508998	101034	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	19.14
	INVOICE: 0032280										
	213406	07/01/25		22508998	101034	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	19.14
	INVOICE: 0032280										
	213406	07/01/25		22508998	101034	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	19.14
	INVOICE: 0032280										
	VENDOR TOTALS		10,664.25 YTD INVOICED						1,113.84 YTD PAID		57.42
5865	PSOMAS										
	213407	07/09/25		22509041	101035	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	1,215.00
	INVOICE: 223594										
	213544	06/05/25		22509067	101035	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	1,380.00
	INVOICE: 222211										
	213545	07/08/25		22600273	101035	P	08/01/25	50195110	610113	PROFESSIONAL FEES (O)	2,100.00
	INVOICE: 223499										
	VENDOR TOTALS		48,367.92 YTD INVOICED						5,190.00 YTD PAID		4,695.00
631	REFRIGERATION SUPPLIES DIST.										
	213408	07/07/25		22600254	101036	P	08/01/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	28.87
	INVOICE: 3345546-00										
	VENDOR TOTALS		49,656.81 YTD INVOICED						2,452.47 YTD PAID		28.87
1629	MIGUEL REYES										
	213409	07/15/25		22600225	101037	P	08/01/25	50195100	610109	MEETING & TRAVEL	393.50
	INVOICE: 213409										
	VENDOR TOTALS		300.00 YTD INVOICED						393.50 YTD PAID		393.50
8791	RICK'S ROADRUNNER LOCK & SAFE										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	213546	07/11/25		22600283	101038	P	08/01/25	50195110 630117	METER MAINTENANCE	608.90
	INVOICE: 23486									
	213547	06/30/25		22509070	101038	P	08/01/25	501 300100	FB RESRVD FOR ENCUMBRANCE	608.90
	INVOICE: 23477									
	VENDOR TOTALS		6,184.51 YTD INVOICED					1,598.87 YTD PAID		1,217.80
2761	JOSE JESUS RODRIGUEZ									
	213410	07/14/25		22600233	101039	P	08/01/25	50295200 610109	MEETING & TRAVEL	393.50
	INVOICE: 213410									
	VENDOR TOTALS		396.00 YTD INVOICED					393.50 YTD PAID		393.50
7485	RON TURLEY ASSOC. INC.									
	213500	07/01/25		22600230	101040	P	08/01/25	60496400 610121	DUES & SUBSCRIPTIONS	1,871.00
	INVOICE: 69850									
	VENDOR TOTALS		1,871.00 YTD INVOICED					1,871.00 YTD PAID		1,871.00
1693	RUSH STEEL SUPPLY INC.									
	213411	07/03/25		22600169	101041	P	08/01/25	10151010 630105	OTHER MAINT.	350.73
	INVOICE: 51180									
	VENDOR TOTALS		2,174.33 YTD INVOICED					350.73 YTD PAID		350.73
2022	ALVARO SANCHEZ									
	213412	07/15/25		22600229	101042	P	08/01/25	50195100 610109	MEETING & TRAVEL	393.50
	INVOICE: 213412									
	VENDOR TOTALS		300.00 YTD INVOICED					393.50 YTD PAID		393.50
1656	SECURITAS SEC. SERV. USA, INC.									
	213413	07/15/25		22509043	101043	P	08/01/25	299 300100	FB RESRVD FOR ENCUMBRANCE	4,038.20
	INVOICE: 12228700									
	VENDOR TOTALS		229,498.44 YTD INVOICED					8,049.92 YTD PAID		4,038.20
5167	SERRA COOPERATIVE LIBRARY SYS.									
	213502	07/01/25		22600290	101044	P	08/01/25	10153010 610121	DUES & SUBSCRIPTIONS	2,349.00
	INVOICE: 223									
	VENDOR TOTALS		2,389.00 YTD INVOICED					2,349.00 YTD PAID		2,349.00
1000	SIEMENS INDUSTRY, INC.									
	213503	07/24/25		22508443	101045	P	08/01/25	502 300100	FB RESRVD FOR ENCUMBRANCE	10,008.80
	INVOICE: 5671924809									
	VENDOR TOTALS		.00 YTD INVOICED					10,008.80 YTD PAID		10,008.80
213	SOUTHERN CALIFORNIA GAS CO									
	213414	06/20/25		22509034	101046	P	08/01/25	101 300100	FB RESRVD FOR ENCUMBRANCE	81.31

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 06022765009/JUNE2025										
	213415	06/24/22		22509018	101046	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	61.82
	INVOICE: 05835330282/JUNE2025										
	VENDOR TOTALS		106,539.45 YTD INVOICED						20,306.65 YTD PAID		143.13
10568	SPATIAL ANALYSIS ETC LLC										
	213416	07/08/25		22600204	101047	P	08/01/25	10121050	610123	TRAINING	450.00
	INVOICE: 25-50										
	VENDOR TOTALS		.00 YTD INVOICED						450.00 YTD PAID		450.00
1378	TELDATA										
	213418	06/30/25		22508292	101048	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	577.01
	INVOICE: 10596										
	VENDOR TOTALS		29,884.22 YTD INVOICED						1,149.01 YTD PAID		577.01
4062	TERMINIX OF IMPERIAL VALLEY										
	213419	06/10/25		22508992	101049	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	45.36
	INVOICE: 1148874										
	213420	06/11/25		22508993	101049	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	44.00
	INVOICE: 1148991										
	213421	06/11/25		22509038	101049	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	45.36
	INVOICE: 1149453										
	213422	06/11/25		22509038	101049	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	21.60
	INVOICE: 1148822										
	VENDOR TOTALS		6,091.12 YTD INVOICED						694.40 YTD PAID		156.32
8836	THE COUNSELING TEAM INTERNATIONAL										
	213423	06/30/25		22509008	101050	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	350.00
	INVOICE: INV105123										
	VENDOR TOTALS		27,375.00 YTD INVOICED						700.00 YTD PAID		350.00
6505	JAMES THOMPSON										
	213424	07/15/25		22509037	101051	P	08/01/25	222	300100	FB RESRVD FOR ENCUMBRANCE	148.50
	INVOICE: 213424										
	VENDOR TOTALS		1,085.50 YTD INVOICED						148.50 YTD PAID		148.50
9151	THREE PEAKS CORP.										
	213504	04/24/24		22600308	101052	P	08/01/25	50110006	470103	WATER - OTHER REVENUE	499.62
	INVOICE: 1827										
	VENDOR TOTALS		2,049,038.21 YTD INVOICED						59,710.18 YTD PAID		499.62
9765	TRANE U.S. INC.										
	213425	06/10/25		22509045	101054	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,820.00
	INVOICE: 315443167										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	213425	06/10/25		22509045	101054	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,461.00
	INVOICE:	315443167									
	213425	06/10/25		22509045	101054	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	4,120.00
	INVOICE:	315443167									
	VENDOR TOTALS		24,539.66 YTD INVOICED						7,401.00 YTD PAID		7,401.00
214	TURBO DATA SYSTEMS INC.										
	213426	05/31/25		22509033	101055	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	465.55
	INVOICE:	45830									
	VENDOR TOTALS		5,625.10 YTD INVOICED						465.55 YTD PAID		465.55
521	TYLER TECHNOLOGIES, INC.										
	213427	06/01/25		22509040	101056	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	918.50
	INVOICE:	025-511756/PW									
	213427	06/01/25		22509040	101056	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	918.50
	INVOICE:	025-511756/PW									
	213428	07/01/25		22600207	101056	P	08/01/25	50195160	610113	PROFESSIONAL FEES (O)	1,073.25
	INVOICE:	025-514857/PW									
	213428	07/01/25		22600207	101056	P	08/01/25	50295280	610113	PROFESSIONAL FEES (O)	1,073.25
	INVOICE:	025-514857/PW									
	VENDOR TOTALS		354,686.00 YTD INVOICED						8,562.50 YTD PAID		3,983.50
6289	U.S. BANK										
	213563	05/22/25		22508648	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,501.00
	INVOICE:	53217525/MAY2025									
	213564	05/22/25		22508650	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,311.97
	INVOICE:	53217525/5-22-25(1)									
	213565	06/23/25		22508819	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	3,111.74
	INVOICE:	75926475/6-23-25									
	213566	04/22/25		22507700	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	242.50
	INVOICE:	74188200/4-22-25(3)									
	213567	04/22/25		22507699	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	111.00
	INVOICE:	74188200/4-22-25(4)									
	213568	05/22/25		22509080	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	711.18
	INVOICE:	63957516/5-22-25(1)									
	213569	06/23/25		22508999	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	32.46
	INVOICE:	00890878/6-23-25									
	213570	06/23/25		22509049	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,302.99
	INVOICE:	22619421/6-23-25(2)									
	213571	06/23/25		22509048	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	335.55
	INVOICE:	22619421/6-23-25(3)									
	213572	05/22/25		22600293	101057	P	08/01/25	10111010	610109	MEETING AND TRAVEL	801.36
	INVOICE:	63957516/5-22-25(2)									
	213574	05/22/25		22509064	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	43.46
	INVOICE:	63957516/5-22-25(3)									
	213575	06/23/25		22509031	101057	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	297.00
	INVOICE:	65370841/6-23-25									
	213575	06/23/25		22509031	101057	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	300.37

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 65370841/6-23-25										
213575		06/23/25		22509031	101057	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	40.00
	INVOICE: 65370841/6-23-25										
213576		06/23/25		22509046	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	5.33
	INVOICE: 65370833/6-23-25										
213576		06/23/25		22509046	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	33.33
	INVOICE: 65370833/6-23-25										
213576		06/23/25		22509046	101057	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	5.33
	INVOICE: 65370833/6-23-25										
213576		06/23/25		22509046	101057	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	33.33
	INVOICE: 65370833/6-23-25										
213576		06/23/25		22509046	101057	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	5.34
	INVOICE: 65370833/6-23-25										
213576		06/23/25		22509046	101057	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	33.34
	INVOICE: 65370833/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	88.90
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	296.21
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	216.45
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	171.35
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	90.84
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	178.61
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	14.40
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	187.10
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	307.08
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	40.22
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	266	300100	FB RESRVD FOR ENCUMBRANCE	274.57
	INVOICE: 53207468/6-23-25										
213577		06/23/25		22508914	101057	P	08/01/25	299	300100	FB RESRVD FOR ENCUMBRANCE	461.70
	INVOICE: 53207468/6-23-25										
213578		05/22/25		22508398	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,017.64
	INVOICE: 74188200/5-22-25(5)										
213579		05/22/25		22508277	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	3,456.02
	INVOICE: 22619421/5-22-25(4)										
213580		04/22/25		22507698	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	402.60
	INVOICE: 74188200/4-22-25(5)										
213581		04/22/25			101057	P	08/01/25	10121020	610123	TRAINING	-1.00
	INVOICE: 74188200/CR4-22-25										
213582		06/23/25		22508915	101057	P	08/01/25	501	300100	FB RESRVD FOR ENCUMBRANCE	164.33
	INVOICE: 18365439/6-23-25										
213583		05/22/25		22508986	101057	P	08/01/25	243	300100	FB RESRVD FOR ENCUMBRANCE	695.00
	INVOICE: 73212654/5-22-25(3)										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	213584	06/23/25		22508875	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	528.91
	INVOICE:	01925335/6-23-25									
	213585	06/23/25		22508957	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	209.82
	INVOICE:	01925335/6-23-25(1)									
	213586	06/23/25		22508958	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	83.28
	INVOICE:	01996229/6-23-25									
	213586	06/23/25		22508958	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	242.50
	INVOICE:	01996229/6-23-25									
	213586	06/23/25		22508958	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	26.73
	INVOICE:	01996229/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	15.99
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	135.00
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	123.67
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	98.44
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	109.15
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	384.80
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	229.88
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	559.92
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	266	300100	FB RESRVD FOR ENCUMBRANCE	73.79
	INVOICE:	65370866/6-23-25									
	213587	06/23/25		22509003	101057	P	08/01/25	299	300100	FB RESRVD FOR ENCUMBRANCE	663.58
	INVOICE:	65370866/6-23-25									
	213588	06/23/25		22509011	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	512.28
	INVOICE:	65370866/6-23-25(1)									
	213589	06/23/25		22509012	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	697.10
	INVOICE:	65370866/6-23-25(2)									
	213590	06/23/25		22508916	101057	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	27.04
	INVOICE:	02867362/6-23-25(1)									
	213591	03/24/25		22507415	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	76.22
	INVOICE:	74156199/3-24-25(1)									
	213592	05/22/25			101057	P	08/01/25	10152060	610129	OTHER EXPENSE	-76.22
	INVOICE:	02016654/CR5-22-25									
	213593	04/22/25		22507708	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	83.97
	INVOICE:	74156199/4-22-25(1)									
	213594	05/22/25			101057	P	08/01/25	10152060	610129	OTHER EXPENSE	-83.97
	INVOICE:	02016654/CR5-22-25(1									
	213604	05/22/25		22509065	101057	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	801.36
	INVOICE:	63957516/5-22-25(4)									
	VENDOR TOTALS		823,750.56 YTD INVOICED						81,806.23 YTD PAID		23,843.84
10583	U.S. MARSHALS SERVICE										
	213521	07/29/25			101058	P	08/01/25	504	104001	ACCOUNTS RECEIVABLE	86.88

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 213521										
	VENDOR TOTALS			.00 YTD INVOICED					86.88 YTD PAID		86.88
5112	USA TODAY										
	213505	07/21/25		22600266	101059	P	08/01/25	10153010	610121	DUES & SUBSCRIPTIONS	35.28
	INVOICE: UT4422376/AUG2025										
	VENDOR TOTALS			220.75 YTD INVOICED					35.28 YTD PAID		35.28
9166	CARL VALENZUELA										
	213506	07/21/25		22600243	101060	P	08/01/25	10151010	620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213506										
	VENDOR TOTALS			300.00 YTD INVOICED					300.00 YTD PAID		300.00
10431	DIEGO VALLEJO										
	213554	07/09/25		22600157	101061	P	08/01/25	10121010	510102	SALARIES PERMANENT SWORN	258.00
	INVOICE: 213554										
	VENDOR TOTALS			4,124.25 YTD INVOICED					258.00 YTD PAID		258.00
2309	VELOCITY TRUCK & TRAILER PARTS OF I.V.										
	213507	07/09/25		22600237	101062	P	08/01/25	60496400	630114	PARTS	111.09
	INVOICE: XA292182795:01										
	213508	07/09/25		22600237	101062	P	08/01/25	60496400	630114	PARTS	633.26
	INVOICE: XA292182794:01										
	213509	07/03/25		22600237	101062	P	08/01/25	60496400	630114	PARTS	203.50
	INVOICE: XA292182519:01										
	VENDOR TOTALS			2,702.33 YTD INVOICED					947.85 YTD PAID		947.85
7951	VESTIS SERVICES, LLC										
	213429	07/11/25		22600214	101063	P	08/01/25	50195110	620128	JANITORIAL SUPPLIES	97.44
	INVOICE: 5220547691										
	213430	07/11/25		22600214	101063	P	08/01/25	50195110	610125	UNIFORM RENTAL	73.36
	INVOICE: 5220547692										
	213431	06/27/25		22508928	101063	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	13.58
	INVOICE: 5220541718										
	213432	06/27/25		22508928	101063	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	29.60
	INVOICE: 5220541708										
	213433	06/27/25		22509017	101063	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	69.41
	INVOICE: 5220541710										
	213434	06/27/25		22509017	101063	P	08/01/25	502	300100	FB RESRVD FOR ENCUMBRANCE	152.32
	INVOICE: 5220541711										
	213510	06/06/25		22509024	101063	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	33.16
	INVOICE: 5220532638										
	213511	06/13/25		22509024	101063	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	33.16
	INVOICE: 5220535669										
	213512	06/20/25		22509024	101063	P	08/01/25	101	300100	FB RESRVD FOR ENCUMBRANCE	33.16
	INVOICE: 5220538703										

PAID INVOICES REPORT

WARRANT: 080125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	213513	06/27/25		22509024	101063	P	08/01/25	101 300100		FB RESRVD FOR ENCUMBRANCE	33.16
	INVOICE:	5220541719									
	213514	06/06/25		22509024	101063	P	08/01/25	101 300100		FB RESRVD FOR ENCUMBRANCE	72.37
	INVOICE:	5220532639									
	213515	06/13/25		22509024	101063	P	08/01/25	101 300100		FB RESRVD FOR ENCUMBRANCE	72.37
	INVOICE:	5220535670									
	213517	06/20/25		22509024	101063	P	08/01/25	101 300100		FB RESRVD FOR ENCUMBRANCE	73.61
	INVOICE:	5220538704									
	213518	06/27/25		22509024	101063	P	08/01/25	101 300100		FB RESRVD FOR ENCUMBRANCE	73.61
	INVOICE:	5220541720									
	213519	06/27/25		22509024	101063	P	08/01/25	101 300100		FB RESRVD FOR ENCUMBRANCE	16.94
	INVOICE:	5220541721									
	213548	07/18/25		22600284	101063	P	08/01/25	50195110 620128		JANITORIAL SUPPLIES	97.44
	INVOICE:	5220550683									
	213549	07/18/25		22600284	101063	P	08/01/25	50195110 610125		UNIFORM RENTAL	186.91
	INVOICE:	5220550684									
	VENDOR TOTALS		61,746.62 YTD INVOICED						7,341.04 YTD PAID		1,161.60
9097	VIRTUAL PROJECT MANAGER LLC										
	213435	07/01/25		22600219	101064	P	08/01/25	20532040 610113		PROFESSIONAL FEES/OTHER	600.00
	INVOICE:	12-4566									
	213435	07/01/25		22600219	101064	P	08/01/25	50195110 610113		PROFESSIONAL FEES (O)	200.00
	INVOICE:	12-4566									
	213435	07/01/25		22600219	101064	P	08/01/25	50295210 610113		PROFESSIONAL FEES (O)	200.00
	INVOICE:	12-4566									
	VENDOR TOTALS		12,000.00 YTD INVOICED						2,000.00 YTD PAID		1,000.00
528	WAXIE SANITARY SUPPLY										
	213436	06/27/25		22509039	101065	P	08/01/25	101 300100		FB RESRVD FOR ENCUMBRANCE	296.98
	INVOICE:	83330745									
	213437	07/08/25			101065	P	08/01/25	10118010 620128		JANITORIAL SUPPLIES	-295.61
	INVOICE:	CR83330745									
	213550	06/26/25		22509069	101065	P	08/01/25	501 300100		FB RESRVD FOR ENCUMBRANCE	3,510.69
	INVOICE:	83329517									
	VENDOR TOTALS		56,478.83 YTD INVOICED						8,089.02 YTD PAID		3,512.06
9866	JESUS WONG										
	213526	07/21/25		22600246	101066	P	08/01/25	10151010 620112		PROTECTIVE CLOTHING	300.00
	INVOICE:	213526									
	VENDOR TOTALS		300.00 YTD INVOICED						300.00 YTD PAID		300.00
532	ZEP MANUFACTURING COMPANY										
	213438	06/30/25		22509028	101067	P	08/01/25	604 300100		FB RESRVD FOR ENCUMBRANCE	407.51
	INVOICE:	9011405512									
	VENDOR TOTALS		1,067.17 YTD INVOICED						407.51 YTD PAID		407.51

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
										REPORT TOTALS	875,487.42

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	130	875,487.42

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
7897	360 BUSINESS PRODUCTS										
	213701	07/25/25		22600463	101068	P	08/08/25	10115010	620101	OFFICE SUPPLIES	482.86
	INVOICE: WO-47898-1										
	213702	07/28/25		22600463	101068	P	08/08/25	10115010	620101	OFFICE SUPPLIES	539.93
	INVOICE: WO-47898-2										
	VENDOR TOTALS		90,148.30 YTD INVOICED						5,249.06 YTD PAID		1,022.79
1	A-MODERN SANITATION										
	213607	06/05/25		22509076	101069	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	1,308.28
	INVOICE: 0372996										
	VENDOR TOTALS		13,635.27 YTD INVOICED						1,308.28 YTD PAID		1,308.28
9324	ACE HARDWARE CORPORATION										
	213608	07/14/25		22600300	101070	P	08/08/25	10151010	620123	IRRIGATION & SPRINKLERS	29.20
	INVOICE: I68506										
	213609	07/14/25		22600300	101070	P	08/08/25	10151010	620130	MAINTENANCE SUPPLIES	25.53
	INVOICE: I68538										
	213610	07/24/25		22600081	101070	P	08/08/25	10123010	630101	BUILDING MAINT.	34.82
	INVOICE: I73719										
	213611	07/17/25		22600335	101070	P	08/08/25	10152060	620130	MAINTENANCE SUPPLIES	8.65
	INVOICE: I70249										
	213612	07/03/25		22600335	101070	P	08/08/25	10152060	620130	MAINTENANCE SUPPLIES	3.05
	INVOICE: I63256										
	213703	07/17/25		22600382	101070	P	08/08/25	20434060	620130	MAINTENANCE SUPPLIES	16.19
	INVOICE: I70080										
	213704	07/17/25		22600382	101070	P	08/08/25	20434060	620130	MAINTENANCE SUPPLIES	27.35
	INVOICE: I70216										
	213775	07/22/25		22600389	101070	P	08/08/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	316.72
	INVOICE: I72958										
	213776	07/22/25		22600389	101070	P	08/08/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	148.96
	INVOICE: I72948										
	213777	07/22/25			101070	P	08/08/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	-148.96
	INVOICE: I72955										
	VENDOR TOTALS		38,491.18 YTD INVOICED						3,918.60 YTD PAID		461.51
6143	ADVANCE SERVICE INC.										
	213707	06/01/25		22509123	101071	P	08/08/25	205	300100	FB RESRVD FOR ENCUMBRANCE	4,733.00
	INVOICE: 42979										
	213708	07/16/25		22600428	101071	P	08/08/25	20532040	610113	PROFESSIONAL FEES/OTHER	2,350.00
	INVOICE: 43132										
	213709	07/01/25		22600427	101071	P	08/08/25	20532040	610113	PROFESSIONAL FEES/OTHER	1,400.00
	INVOICE: 43121										
	213710	07/01/25		22600427	101071	P	08/08/25	20532040	610113	PROFESSIONAL FEES/OTHER	900.00
	INVOICE: 43118										
	VENDOR TOTALS		219,899.00 YTD INVOICED						80,417.00 YTD PAID		9,383.00
9296	HEALTH & HUMAN RESOURCE CENTER, INC.										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	213829	08/01/25		22600484	101072	P	08/08/25	60396300	640106	EAP EXPENSE	587.73
	INVOICE: 213829										
	VENDOR TOTALS		6,578.00 YTD INVOICED						587.73 YTD PAID		587.73
10007	AMAZON CAPITAL SERVICES, INC.										
	213613	07/08/25		22508994	101073	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	43.83
	INVOICE: 1GCY-DM9X-XTQL										
	213615	06/29/25		22508994	101073	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	163.12
	INVOICE: 1HKP-PH1C-16MK										
	213616	06/29/25		22508994	101073	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	124.85
	INVOICE: 1WRM-QTX4-WP3C										
	213617	06/30/25		22508994	101073	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	336.10
	INVOICE: 19W4-NNNY-RHF6										
	213618	03/18/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	79.67
	INVOICE: 1PVG-V19X-NPL6										
	213619	03/26/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	91.44
	INVOICE: 1TL6-WFX7-36WT										
	213620	03/27/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	101.24
	INVOICE: 11RR-NJXW-H1RV										
	213621	03/31/25		22509081	101073	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	422.16
	INVOICE: 1347-ND3J-K3QY										
	213622	04/04/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	12.96
	INVOICE: 1PHY-HV3F-6HMM										
	213623	04/08/25		22509081	101073	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	354.71
	INVOICE: 1G77-PY1P-M7QD										
	213624	04/11/25		22509081	101073	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	78.98
	INVOICE: 1XLV-9YCM-4L9L										
	213626	04/11/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	168.80
	INVOICE: 1FPJ-RCQR-GTJG										
	213627	04/22/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	107.01
	INVOICE: 19WK-M3HY-CTDM										
	213628	04/22/25		22509081	101073	P	08/08/25	299	300100	FB RESRVD FOR ENCUMBRANCE	279.09
	INVOICE: 1VG1-CGRT-J7HD										
	213629	04/23/25		22509081	101073	P	08/08/25	299	300100	FB RESRVD FOR ENCUMBRANCE	153.24
	INVOICE: 1Y1D-4DCL-QCQR										
	213630	05/14/25		22509081	101073	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	36.78
	INVOICE: 1WQV-VV7V-93R6										
	213631	05/14/25		22509081	101073	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	189.87
	INVOICE: 1HKP-J999-7JVN										
	213632	05/16/25		22509081	101073	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	77.16
	INVOICE: 1MCG-TPJ4-1C4V										
	213633	05/29/25		22509081	101073	P	08/08/25	266	300100	FB RESRVD FOR ENCUMBRANCE	45.42
	INVOICE: 1MV9-1R14-9GQH										
	213634	06/02/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	42.18
	INVOICE: 1MDV-4KJG-F4L7										
	213635	06/09/25		22509081	101073	P	08/08/25	299	300100	FB RESRVD FOR ENCUMBRANCE	215.35
	INVOICE: 1RXK-C3FV-JGLH										
	213636	06/11/25		22509081	101073	P	08/08/25	299	300100	FB RESRVD FOR ENCUMBRANCE	636.54
	INVOICE: 1M77-73KT-9P4J										
	213637	06/12/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	321.06

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 1JKX-CMFX-Q41G										
	213638	06/16/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	193.68
	INVOICE: 1KFK-WY4W-JMLX										
	213639	06/16/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	327.62
	INVOICE: 1VC6-41TC-YYPG										
	213641	06/29/25		22509081	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	688.65
	INVOICE: 1713-PCMN-W7KF										
	213642	06/27/25		22508810	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	75.76
	INVOICE: 16JW-XPJL-J316										
	213643	07/01/25		22600322	101073	P	08/08/25	10152060	610129	OTHER EXPENSE	212.07
	INVOICE: 1M31-9LFX-1QDK										
	213644	07/03/25		22600322	101073	P	08/08/25	10152060	610129	OTHER EXPENSE	281.07
	INVOICE: 13KL-DJM4-NTH6										
	213645	07/15/25		22600322	101073	P	08/08/25	10152060	610129	OTHER EXPENSE	595.20
	INVOICE: 1GJ4-D7XH-XTGR										
	213711	06/11/25		22509119	101073	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	112.09
	INVOICE: 1WFL-W33G-DKKK										
	213778	05/13/25		22509113	101073	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	155.59
	INVOICE: 1VH9-1NX6-4R7C										
	213779	11/21/24		22509105	101073	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	54.13
	INVOICE: 1PRP-939N-9LKN										
	213779	11/21/24		22509105	101073	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	54.13
	INVOICE: 1PRP-939N-9LKN										
	213779	11/21/24		22509105	101073	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	54.12
	INVOICE: 1PRP-939N-9LKN										
	VENDOR TOTALS		61,337.65 YTD INVOICED						15,563.03 YTD PAID		6,885.67
196	AMERICAN FAMILY LIFE INS.										
	213828	08/05/25		22600485	101074	P	08/08/25	101	201211	ACCIDENTAL DEATH	1,791.56
	INVOICE: 703874										
	213828	08/05/25		22600485	101074	P	08/08/25	101	201212	ICU	120.88
	INVOICE: 703874										
	213828	08/05/25		22600485	101074	P	08/08/25	101	201214	CANCER INSURANCE	2,511.10
	INVOICE: 703874										
	213828	08/05/25		22600485	101074	P	08/08/25	101	201216	DISABILITY INSURANCE	1,622.26
	INVOICE: 703874										
	213828	08/05/25		22600485	101074	P	08/08/25	101	201217	OTHER PAYROLL DEDUCTIONS	595.26
	INVOICE: 703874										
	VENDOR TOTALS		76,720.34 YTD INVOICED						6,641.06 YTD PAID		6,641.06
7	AMERICAN LINEN										
	213646	07/24/25		22600345	101075	P	08/08/25	10123010	620129	LAUNDRY SERVICE & SUPPLY	230.14
	INVOICE: LYUM1898853										
	VENDOR TOTALS		18,695.79 YTD INVOICED						2,091.57 YTD PAID		230.14
6266	AT&T MOBILITY										
	213870	07/26/25		22600520	101076	P	08/08/25	10111010	610103	TELEPHONE	290.81
	INVOICE: 287335406555X080425										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
213870	07/26/25		22600520	101076	P	08/08/25	10111020 610103	TELEPHONE	36.53
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10112010 610103	TELEPHONE	387.35
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10113010 610103	TELEPHONE	86.44
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10113040 610103	TELEPHONE	160.08
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10115010 610103	TELEPHONE	87.02
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10118010 610103	TELEPHONE	206.31
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10131010 610103	TELEPHONE	41.57
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10132010 610103	TELEPHONE	117.93
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10141010 610103	TELEPHONE	391.14
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10143010 610103	TELEPHONE	70.61
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10144010 610103	TELEPHONE	36.53
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10151010 610103	TELEPHONE	162.80
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10152010 610103	TELEPHONE	73.06
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10152050 610103	TELEPHONE	36.53
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10152060 610103	TELEPHONE	109.59
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10152110 610103	TELEPHONE	36.53
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10153010 610103	TELEPHONE	78.10
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	10162010 610103	TELEPHONE	86.44
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	50195100 610103	TELEPHONE	265.21
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	50195110 610103	TELEPHONE	385.31
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	50195160 610103	TELEPHONE	68.53
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	50295200 610103	TELEPHONE	74.22
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	50295210 610103	TELEPHONE	180.15
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	50295250 610103	TELEPHONE	73.64
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	50295280 610103	TELEPHONE	68.53
INVOICE: 287335406555X080425									
213870	07/26/25		22600520	101076	P	08/08/25	60496400 610103	TELEPHONE	89.73

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 287335406555x080425										
	VENDOR TOTALS		72,135.31 YTD INVOICED						9,458.10 YTD PAID		3,700.69
9525	AUTO SHOP										
	213647	07/23/25		22600336	101077	P	08/08/25	10141010	610129	OTHER EXPENSE	105.00
	INVOICE: 028697										
	VENDOR TOTALS		735.00 YTD INVOICED						175.00 YTD PAID		105.00
7642	BAJA HEATING AND AIR CONDITIONING										
	213780	07/17/25		22600392	101078	P	08/08/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	3,200.00
	INVOICE: 3426										
	VENDOR TOTALS		10,300.00 YTD INVOICED						3,200.00 YTD PAID		3,200.00
1493	BAKER DISTRIBUTING COMPANY, LLC										
	213712	07/25/25		22600420	101079	P	08/08/25	10123010	630101	BUILDING MAINT.	140.61
	INVOICE: GA68734										
	213713	07/15/25		22600397	101079	P	08/08/25	10118010	620130	MAINTENANCE SUPPLIES	29.84
	INVOICE: FZ85319										
	213781	07/11/25		22600378	101079	P	08/08/25	50295210	630101	BUILDING MAINT.	110.24
	INVOICE: FZ61548										
	213782	07/09/25		22600378	101079	P	08/08/25	50295210	630101	BUILDING MAINT.	243.49
	INVOICE: FZ33824										
	VENDOR TOTALS		67,195.09 YTD INVOICED						15,793.07 YTD PAID		524.18
9566	BARNHART-REESE CONSTRUCTION, INC.										
	213714	05/31/25		22509122	101080	P	08/08/25	412	300100	FB RESRVD FOR ENCUMBRANCE	2,520,294.14
	INVOICE: 16/PD										
	213861	07/07/25		22509142	101081	P	08/08/25	412	300100	FB RESRVD FOR ENCUMBRANCE	2,330,822.15
	INVOICE: 17/PD										
	VENDOR TOTALS		20,233,954.80 YTD INVOICED						4,851,116.29 YTD PAID		4,851,116.29
9931	BRAWLEY ANALYTICAL, INC.										
	213783	07/21/25		22600390	101082	P	08/08/25	50295210	620137	LAB TESTS & SUPPLIES	3,334.50
	INVOICE: 001309										
	VENDOR TOTALS		91,461.25 YTD INVOICED						13,167.50 YTD PAID		3,334.50
5975	BRENNTAG PACIFIC, INC.										
	213649	07/11/25		22600317	101083	P	08/08/25	10152060	620136	TREATMENT CHEMICALS	2,449.94
	INVOICE: BPI531981										
	213650	07/17/25		22600320	101083	P	08/08/25	10152060	620136	TREATMENT CHEMICALS	3,383.57
	INVOICE: BPI533480										
	213651	07/03/25		22600313	101083	P	08/08/25	10152060	620136	TREATMENT CHEMICALS	3,188.87
	INVOICE: BPI530176										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	95,908.11 YTD INVOICED							18,839.30 YTD PAID		9,022.38
9304	BRIDGECOM LLC										
	213715	06/30/25		22509136	101084	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	1,277.14
	INVOICE:	INV/2025/03163									
	213715	06/30/25		22509136	101084	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	547.35
	INVOICE:	INV/2025/03163									
	213716	06/30/25		22509137	101084	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	121.10
	INVOICE:	INV/2025/03162									
	213716	06/30/25		22509137	101084	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	51.90
	INVOICE:	INV/2025/03162									
	213717	07/30/25		22600475	101084	P	08/08/25	50195120	620102	POSTAGE	5,971.00
	INVOICE:	073020252294000077									
	213717	07/30/25		22600475	101084	P	08/08/25	50295220	620102	POSTAGE	2,559.00
	INVOICE:	073020252294000077									
	213718	06/30/25		22509138	101084	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	5.57
	INVOICE:	INV/2025/03356									
	213718	06/30/25		22509138	101084	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	2.38
	INVOICE:	INV/2025/03356									
	VENDOR TOTALS	189,156.82 YTD INVOICED							10,535.44 YTD PAID		10,535.44
6276	C R & R										
	213789	08/05/25		22600486	101085	P	08/08/25	50495400	610117	SOLID WASTE COLLECTIONS	196,267.47
	INVOICE:	213789									
	VENDOR TOTALS	2,318,354.85 YTD INVOICED							197,518.10 YTD PAID		196,267.47
2555	CALIBER SCREENPRINTING INC.										
	213653	06/17/25		22508672	101086	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	677.64
	INVOICE:	61183									
	213654	07/10/25		22600344	101086	P	08/08/25	10110006	460115	SWIMMING POOL FEES	225.16
	INVOICE:	61160									
	VENDOR TOTALS	30,738.34 YTD INVOICED							4,962.16 YTD PAID		902.80
560	CALIFORNIA JOINT POWERS INS. AUTHORITY										
	213719	06/11/25		22600457	101087	P	08/08/25	10119010	640102	LIABILITY INSURANCE	1,902,420.00
	INVOICE:	PRIM-00032									
	213719	06/11/25		22600457	101087	P	08/08/25	60196100	640103	PRIMARY DEPOSITS	1,880,846.00
	INVOICE:	PRIM-00032									
	213720	06/25/25		22600455	101087	P	08/08/25	10119010	640101	PROPERTY INSURANCE	350,350.00
	INVOICE:	PROP00034									
	213721	07/30/25		22600458	101087	P	08/08/25	10119010	640102	LIABILITY INSURANCE	10,936.00
	INVOICE:	POLLU-00024									
	VENDOR TOTALS	3,736,691.00 YTD INVOICED							4,144,552.00 YTD PAID		4,144,552.00
4767	MARCO A. CANCHOLA										
	213786	08/01/25		22600432	101089	P	08/08/25	50195100	620112	PROTECTIVE CLOTHING	150.00

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 213786										
	213786	08/01/25		22600432	101089	P	08/08/25	50295200	620112	PROTECTIVE CLOTHING	150.00
	INVOICE: 213786										
	VENDOR TOTALS			655.00 YTD INVOICED					693.50 YTD PAID		300.00
1167	MANUELA CARRILLO										
	213879	08/08/25	1579		101090	P	08/08/25	101	201217	OTHER PAYROLL DEDUCTIONS	222.50
	INVOICE: 213879										
	VENDOR TOTALS			5,340.00 YTD INVOICED					445.00 YTD PAID		222.50
1631	CATHOLIC CHARITIES										
	213655	07/15/25		22509078	101091	P	08/08/25	252	300100	FB RESRVD FOR ENCUMBRANCE	13,032.57
	INVOICE: 9-JUNE 2025										
	VENDOR TOTALS			155,135.02 YTD INVOICED					25,972.03 YTD PAID		13,032.57
6050	CHARTER COMMUNICATIONS										
	213722	07/14/25		22600379	101092	P	08/08/25	20434060	610113	PROFESSIONAL FEES/OTHER	139.99
	INVOICE: 189473901071425										
	VENDOR TOTALS			10,439.81 YTD INVOICED					815.84 YTD PAID		139.99
8799	CITY OF E.C. PETTY CASH-FIRE DEPT.										
	213723	08/01/25		22509121	101093	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	86.02
	INVOICE: 213723										
	213723	08/01/25		22509121	101093	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1.87
	INVOICE: 213723										
	VENDOR TOTALS			75.77 YTD INVOICED					87.89 YTD PAID		87.89
10398	CLARION EVENTS INC.										
	213724	07/28/25		22600422	101094	P	08/08/25	10123040	610121	DUES & SUBSCRIPTIONS	3,549.00
	INVOICE: CIV00394955										
	VENDOR TOTALS			.00 YTD INVOICED					3,549.00 YTD PAID		3,549.00
10381	CLOUDBURST CONSULTING GROUP, INC.										
	213784	06/30/25		22509140	101095	P	08/08/25	243	300100	FB RESRVD FOR ENCUMBRANCE	160.00
	INVOICE: 17993										
	213785	06/30/25		22509140	101095	P	08/08/25	243	300100	FB RESRVD FOR ENCUMBRANCE	7,500.00
	INVOICE: 18088										
	213863	02/28/25		22508953	101095	P	08/08/25	243	300100	FB RESRVD FOR ENCUMBRANCE	3,368.00
	INVOICE: 17394										
	VENDOR TOTALS			1,680.00 YTD INVOICED					11,428.00 YTD PAID		11,028.00
1371	CONSOLIDATED ELEC DISTRIBUTORS, INC.										
	213876	04/30/25		22509077	101096	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	329.72
	INVOICE: 1964-1016573										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	3,973.12 YTD INVOICED						1,514.98 YTD PAID		329.72
9781	D FENCE CO INC.									
	213657	07/25/25		22600347	101097	P	08/08/25	10123010 630101	BUILDING MAINT.	210.00
	INVOICE: RMT									
	VENDOR TOTALS	80,060.72 YTD INVOICED						210.00 YTD PAID		210.00
10579	DAWGZ HOTDOGS									
	213658	07/21/25		22600343	101098	P	08/08/25	10110006 460115	SWIMMING POOL FEES	3,501.88
	INVOICE: 72125									
	VENDOR TOTALS	.00 YTD INVOICED						3,501.88 YTD PAID		3,501.88
3211	DELL MARKETING L.P.									
	213787	07/12/25		22600087	101099	P	08/08/25	10123010 750001	CAPITAL OUTLAY MISCELLANE	224.88
	INVOICE: 10824854883									
	213788	07/18/25		22600087	101099	P	08/08/25	10123010 750001	CAPITAL OUTLAY MISCELLANE	2,115.75
	INVOICE: 10826056492									
	VENDOR TOTALS	134,603.21 YTD INVOICED						5,689.83 YTD PAID		2,340.63
2885	DOWNSTREAM SERVICES, INC.									
	213864	06/30/25		22505480	101100	P	08/08/25	502 300100	FB RESRVD FOR ENCUMBRANCE	17,925.40
	INVOICE: 184602									
	VENDOR TOTALS	.00 YTD INVOICED						17,925.40 YTD PAID		17,925.40
240	DRISCOLLS									
	213660	06/10/25		22508887	101101	P	08/08/25	101 300100	FB RESRVD FOR ENCUMBRANCE	201.17
	INVOICE: 10217									
	213660	06/10/25		22508887	101101	P	08/08/25	101 300100	FB RESRVD FOR ENCUMBRANCE	238.65
	INVOICE: 10217									
	213660	06/10/25		22508887	101101	P	08/08/25	501 300100	FB RESRVD FOR ENCUMBRANCE	439.85
	INVOICE: 10217									
	213660	06/10/25		22508887	101101	P	08/08/25	502 300100	FB RESRVD FOR ENCUMBRANCE	439.90
	INVOICE: 10217									
	VENDOR TOTALS	4,526.20 YTD INVOICED						1,319.57 YTD PAID		1,319.57
9715	RAFAEL ELIZALDE									
	213865	07/24/25		22600299	101102	P	08/08/25	10151010 620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213865									
	VENDOR TOTALS	178.60 YTD INVOICED						300.00 YTD PAID		300.00
9735	EUROFINS ENVIRONMENT TESTING SOUTHWEST LLC									
	213791	06/06/25		22509134	101103	P	08/08/25	502 300100	FB RESRVD FOR ENCUMBRANCE	1,785.00
	INVOICE: 5500145170									

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		14,031.00 YTD INVOICED						1,785.00 YTD PAID		1,785.00
3157	FASTENAL COMPANY										
	213792	07/17/25		22600381	101104	P	08/08/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	62.01
	INVOICE: CAEL1109270										
	VENDOR TOTALS		3,541.50 YTD INVOICED						62.01 YTD PAID		62.01
247	FEDEX										
	213661	06/27/25		22509006	101105	P	08/08/25	101 300100		FB RESRVD FOR ENCUMBRANCE	60.40
	INVOICE: 8-907-51883										
	VENDOR TOTALS		9,779.16 YTD INVOICED						625.79 YTD PAID		60.40
4462	FERGUSON ENTERPRISES, INC.										
	213725	07/10/25		22600416	101106	P	08/08/25	50195110	620132	CONSTRUCTION MATERIAL	899.31
	INVOICE: 5540627										
	VENDOR TOTALS		86,009.42 YTD INVOICED						3,615.56 YTD PAID		899.31
1459	FIRE ETC										
	213726	07/29/25		22600436	101107	P	08/08/25	10123010	620112	PROTECTIVE CLOTHING	480.48
	INVOICE: 200274										
	VENDOR TOTALS		4,198.39 YTD INVOICED						2,707.78 YTD PAID		480.48
202	FIRST IMPERIAL CREDIT UNION										
	213877	08/08/25 1577			101108	P	08/08/25	101 201207		POLICE OFFICERS ASSN	2,940.00
	INVOICE: 213877										
	VENDOR TOTALS		63,960.00 YTD INVOICED						5,880.00 YTD PAID		2,940.00
4317	FRUTH GROUP INC.										
	213662	07/14/25		22600326	101109	P	08/08/25	10152060	620103	PRINTING	545.17
	INVOICE: 747932										
	213793	07/29/25		22600493	101109	P	08/08/25	50195120	630106	OFFICE MACHINES MAINT.	67.08
	INVOICE: 750233										
	213793	07/29/25		22600493	101109	P	08/08/25	50295220	630106	OFFICE MACHINES MAINT.	67.07
	INVOICE: 750233										
	VENDOR TOTALS		74,718.99 YTD INVOICED						32,587.85 YTD PAID		679.32
9567	FUN EXPRESS LLC										
	213866	06/18/25		22508940	101110	P	08/08/25	101 300100		FB RESRVD FOR ENCUMBRANCE	1,415.24
	INVOICE: 73761645401										
	VENDOR TOTALS		15,213.39 YTD INVOICED						1,415.24 YTD PAID		1,415.24
10197	GIBBS & FUERST, LLP										
	213663	06/30/25		22509085	101111	P	08/08/25	101 300100		FB RESRVD FOR ENCUMBRANCE	625.25

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 1										
	VENDOR TOTALS		43,208.38 YTD INVOICED						625.25 YTD PAID		625.25
9144	CATHERINE GUTIERREZ										
	213868	07/17/25		22600291	101112	P	08/08/25	10131010	610109	MEETING AND TRAVEL	108.58
	INVOICE: 213868										
	213868	07/17/25		22600291	101112	P	08/08/25	50195160	610109	MEETING & TRAVEL	108.58
	INVOICE: 213868										
	213868	07/17/25		22600291	101112	P	08/08/25	50295280	610109	MEETING & TRAVEL	108.59
	INVOICE: 213868										
	VENDOR TOTALS		1,751.44 YTD INVOICED						325.75 YTD PAID		325.75
8150	MANUEL GUTIERREZ										
	213665	07/24/25		22600298	101113	P	08/08/25	10151010	620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213665										
	VENDOR TOTALS		300.00 YTD INVOICED						300.00 YTD PAID		300.00
125	HAAKER EQUIPMENT CO										
	213666	06/24/25		22508760	101114	P	08/08/25	604	300100	FB RESRVD FOR ENCUMBRANCE	2,126.96
	INVOICE: INV10756										
	VENDOR TOTALS		91,099.80 YTD INVOICED						2,126.96 YTD PAID		2,126.96
10172	ANDREW HEATH										
	213869	08/05/25		22600519	101115	P	08/08/25	10115010	610113	PROFESSIONAL FEES (O)	4,812.50
	INVOICE: 25-16										
	VENDOR TOTALS		151,725.00 YTD INVOICED						12,250.00 YTD PAID		4,812.50
2170	HELIX LABORATORIES, INC.										
	213794	07/23/25		22600388	101116	P	08/08/25	50295210	620136	TREATMENT CHEMICALS	2,293.23
	INVOICE: 91583										
	VENDOR TOTALS		119,292.55 YTD INVOICED						8,536.93 YTD PAID		2,293.23
4982	HOME DEPOT										
	213667	06/26/25		22508828	101117	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	300.18
	INVOICE: 4900450										
	213668	06/27/25		22508828	101117	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,142.69
	INVOICE: 3900650										
	213669	06/04/25		22508492	101117	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	223.83
	INVOICE: 6903036										
	213670	05/30/25		22508492	101117	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	484.87
	INVOICE: 1902509										
	213727	04/15/25		22509109	101117	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	155.36
	INVOICE: 6902449										
	213728	04/15/25		22509109	101117	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	326.92
	INVOICE: 6902450										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	213729	07/21/25		22600385	101117	P	08/08/25	10118010 620140	SMALL TOOLS	29.21
	INVOICE:	9903410								
	213730	07/16/25		22600385	101117	P	08/08/25	10118010 620140	SMALL TOOLS	31.76
	INVOICE:	4902883								
	213732	07/24/25		22600434	101117	P	08/08/25	10118010 620130	MAINTENANCE SUPPLIES	56.01
	INVOICE:	6903900								
	213733	07/29/25		22600434	101117	P	08/08/25	10118010 620130	MAINTENANCE SUPPLIES	34.30
	INVOICE:	1904399								
	213734	07/25/25		22600417	101117	P	08/08/25	50195110 630111	OTHER FACILITY MAINT.	78.83
	INVOICE:	5904002								
	213735	07/24/25		22600417	101117	P	08/08/25	50195110 630111	OTHER FACILITY MAINT.	141.36
	INVOICE:	6903808								
	213736	07/16/25		22600417	101117	P	08/08/25	50195110 620139	PIPE FITTINGS	51.38
	INVOICE:	4902882								
	213795	06/30/25		22509127	101117	P	08/08/25	501 300100	FB RESRVD FOR ENCUMBRANCE	1,304.44
	INVOICE:	900842								
	VENDOR TOTALS		104,591.54 YTD INVOICED					7,441.55 YTD PAID		4,361.14
9560	IBM CORPORATION									
	213671	07/26/25		22600356	101118	P	08/08/25	10113040 630109	COMPUTER EQUIP. MAINT.	15,000.00
	INVOICE:	4672461								
	VENDOR TOTALS		17,400.00 YTD INVOICED					15,000.00 YTD PAID		15,000.00
205	IMPERIAL CO SHERIFF'S DEPT.									
	213878	08/08/25	1578		101119	P	08/08/25	101 201217	OTHER PAYROLL DEDUCTIONS	50.00
	INVOICE:	213878								
	VENDOR TOTALS		88,300.00 YTD INVOICED					100.00 YTD PAID		50.00
145	IMPERIAL IRRIGATION DIST									
	213737	07/07/25		22509118	101120	P	08/08/25	501 300100	FB RESRVD FOR ENCUMBRANCE	17,218.00
	INVOICE:	3034482/JUNE2025								
	213796	07/09/25		22600399	101120	P	08/08/25	50295210 610104	WATER	250.00
	INVOICE:	3008013/JULY2025								
	213871	08/06/25		22600522	101120	P	08/08/25	10119010 610101	ELECTRICITY	3,909.38
	INVOICE:	213871								
	213871	08/06/25		22600522	101120	P	08/08/25	10121010 610101	ELECTRICITY	5,095.15
	INVOICE:	213871								
	213871	08/06/25		22600522	101120	P	08/08/25	10123010 610101	ELECTRICITY	7,590.32
	INVOICE:	213871								
	213871	08/06/25		22600522	101120	P	08/08/25	10132010 610101	ELECTRICITY	690.08
	INVOICE:	213871								
	213871	08/06/25		22600522	101120	P	08/08/25	10132030 610101	ELECTRICITY	29,036.14
	INVOICE:	213871								
	213871	08/06/25		22600522	101120	P	08/08/25	10151010 610101	ELECTRICITY	5,133.95
	INVOICE:	213871								
	213871	08/06/25		22600522	101120	P	08/08/25	10152010 610101	ELECTRICITY	2,107.69
	INVOICE:	213871								
	213871	08/06/25		22600522	101120	P	08/08/25	10152020 610101	ELECTRICITY	5,679.35

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10152030 610101	ELECTRICITY	2,597.78
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10152040 610101	ELECTRICITY	5,306.41
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10152050 610101	ELECTRICITY	53.16
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10152060 610101	ELECTRICITY	5,488.78
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10152110 610101	ELECTRICITY	5,892.67
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10152140 610101	ELECTRICITY	314.59
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10153010 610101	ELECTRICITY	4,794.71
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	10162010 610101	ELECTRICITY	1,844.36
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	20434060 610101	ELECTRICITY	72.50
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	27299010 610101	ELECTRICITY	201.69
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	27499020 610101	ELECTRICITY	188.47
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	50195100 610101	ELECTRICITY	643.88
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	50195110 610101	ELECTRICITY	55,760.86
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	50295200 610101	ELECTRICITY	643.88
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	50295210 610101	ELECTRICITY	38,473.85
	INVOICE: 213871									
	213871	08/06/25		22600522	101120	P	08/08/25	60496400 610101	ELECTRICITY	643.88
	INVOICE: 213871									
	VENDOR TOTALS		2,686,836.53 YTD INVOICED					212,291.53 YTD PAID		199,631.53
8378	IMPERIAL VALLEY OCCUPATIONAL MEDICINE									
	213672	07/18/25		22600362	101121	P	08/08/25	10113010 610122	RECRUITING	1,113.72
	INVOICE: 4750									
	VENDOR TOTALS		3,757.44 YTD INVOICED					1,538.72 YTD PAID		1,113.72
607	IMPERIAL VALLEY PRESS									
	213673	07/22/25		22600334	101122	P	08/08/25	10144010 610106	ADVERTISING	368.89
	INVOICE: 497003									
	213674	07/29/25		22600369	101122	P	08/08/25	10144010 610106	ADVERTISING	298.39
	INVOICE: 499211									
	213738	08/04/25		22600466	101122	P	08/08/25	10115010 610121	DUES & SUBSCRIPTIONS	203.88
	INVOICE: 231608/FY2026									

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	29,758.98 YTD INVOICED							3,103.37 YTD PAID		871.16
141	IMPERIAL VALLEY TERMITE										
	213675	07/02/25		22600348	101123	P	08/08/25	10123010	630101	BUILDING MAINT.	60.00
	INVOICE:	0353190									
	VENDOR TOTALS	8,492.00 YTD INVOICED							949.00 YTD PAID		60.00
6144	INLAND FAIR HOUSING AND MEDIATION BOARD										
	213676	06/30/25		22509092	101124	P	08/08/25	243	300100	FB RESRVD FOR ENCUMBRANCE	1,348.78
	INVOICE:	15968									
	VENDOR TOTALS	50,385.15 YTD INVOICED							1,348.78 YTD PAID		1,348.78
4727	IVROP										
	213830	07/25/25		22600451	101125	P	08/08/25	10113010	610122	RECRUITING	196.00
	INVOICE:	213830									
	VENDOR TOTALS	3,317.00 YTD INVOICED							196.00 YTD PAID		196.00
3760	JADE SECURITY SYSTEMS INC.										
	213677	06/10/25		22508983	101126	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	5,904.00
	INVOICE:	0224150									
	VENDOR TOTALS	123,851.01 YTD INVOICED							6,457.87 YTD PAID		5,904.00
9205	JOINT CONCEPT MAINTENANCE & TESTING, LLC										
	213740	06/10/25		22509129	101127	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	523.95
	INVOICE:	JCMT25-0402									
	VENDOR TOTALS	924.00 YTD INVOICED							523.95 YTD PAID		523.95
4406	LABRUCHERIE IRRIGATION SUPPLY										
	213741	07/21/25		22600411	101128	P	08/08/25	50195110	620139	PIPE FITTINGS	857.52
	INVOICE:	307186C									
	213742	07/25/25		22600413	101128	P	08/08/25	50195110	620139	PIPE FITTINGS	107.25
	INVOICE:	307499C									
	213797	07/24/25		22600401	101128	P	08/08/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	1,847.83
	INVOICE:	307421C									
	VENDOR TOTALS	123,870.08 YTD INVOICED							15,674.98 YTD PAID		2,812.60
2790	LANDMARK CONSULTANTS, INC.										
	213743	07/08/25		22600426	101129	P	08/08/25	41221010	750004	POLICE STATION (PD)	1,200.00
	INVOICE:	LE0725-53B									
	VENDOR TOTALS	90,690.00 YTD INVOICED							5,040.00 YTD PAID		1,200.00
1943	LEE & RO, INC.										
	213744	01/15/25		22509125	101130	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	10,770.00

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 1207-05/02									
	213745	12/17/24		22509124	101130	P	08/08/25	501 300100	FB RESRVD FOR ENCUMBRANCE	5,825.30
	INVOICE: 1207-05/01									
	VENDOR TOTALS		51,774.57 YTD INVOICED						16,595.30 YTD PAID	16,595.30
8754	LESLIE'S SWIMMING POOL SUPPLIES									
	213678	07/10/25		22600323	101131	P	08/08/25	10152060 620133	SWIMMING POOL SUPPLIES	94.11
	INVOICE: 00652-01-064360									
	VENDOR TOTALS		10,631.12 YTD INVOICED						401.75 YTD PAID	94.11
683	LIEBERT CASSIDY WHITMORE									
	213831	08/04/25		22600454	101132	P	08/08/25	10113010 610116	PROFESSIONAL FEES/LEGAL	7,295.00
	INVOICE: 298141									
	VENDOR TOTALS		7,295.00 YTD INVOICED						7,295.00 YTD PAID	7,295.00
4003	LIFE ASSIST INC.									
	213798	07/23/25		22600082	101133	P	08/08/25	10123040 620111	PARAMEDIC SUPPLIES	625.22
	INVOICE: 1621694									
	213799	07/23/25		22600082	101133	P	08/08/25	10123040 620111	PARAMEDIC SUPPLIES	204.59
	INVOICE: 1621383									
	213800	12/07/23			101133	P	08/08/25	10123040 620111	PARAMEDIC SUPPLIES	-183.60
	INVOICE: 1387167									
	VENDOR TOTALS		20,210.34 YTD INVOICED						2,212.78 YTD PAID	646.21
1036	LINSCOTT LAW & GREENSPAN									
	213679	07/15/25		22600333	101134	P	08/08/25	10144020 610113	PROFESSIONAL FEES (O)	9,060.00
	INVOICE: 34026-00102									
	213680	07/09/25		22600312	101134	P	08/08/25	10144020 610113	PROFESSIONAL FEES (O)	8,443.75
	INVOICE: 33841-00109									
	VENDOR TOTALS		79,012.55 YTD INVOICED						22,975.25 YTD PAID	17,503.75
2493	MALLORY SAFETY & SUPPLY LLC									
	213801	07/17/25		22600462	101135	P	08/08/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	11.85
	INVOICE: 6210884									
	213802	07/09/25		22600383	101135	P	08/08/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	331.90
	INVOICE: 6204998									
	213803	07/14/25		22600383	101135	P	08/08/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	248.92
	INVOICE: 6208074									
	VENDOR TOTALS		3,823.78 YTD INVOICED						651.35 YTD PAID	592.67
276	MCNEECE BROS. OIL CO. INC.									
	213681	07/24/25		22600357	101136	P	08/08/25	10123010 630112	GASOLINE & OIL	315.27
	INVOICE: 620612									
	213682	07/24/25		22600357	101136	P	08/08/25	10123010 630112	GASOLINE & OIL	604.92
	INVOICE: 620613									

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	213804	07/11/25		22600384	101136	P	08/08/25	50295210 630112	GASOLINE & OIL	183.48
	INVOICE: 620111									
	VENDOR TOTALS		430,662.98 YTD INVOICED					82,473.66 YTD PAID		1,103.67
9095	MECHANICS BANK									
	213881	08/08/25	1581		101137	P	08/08/25	101 201208	FIREFIGHTERS ASSOCIATION	1,460.00
	INVOICE: 213881									
	213881	08/08/25	1581		101137	P	08/08/25	101 201216	DISABILITY INSURANCE	210.07
	INVOICE: 213881									
	VENDOR TOTALS		37,978.15 YTD INVOICED					3,340.14 YTD PAID		1,670.07
9618	GOVERNMENTJOBS.COM.INC.									
	213664	07/28/25		22600368	101138	P	08/08/25	10113010 610113	PROFESSIONAL FEES (O)	24,043.95
	INVOICE: INV-141212									
	VENDOR TOTALS		45,792.40 YTD INVOICED					24,043.95 YTD PAID		24,043.95
3700	ONE SOURCE DISTRIBUTORS INC									
	213805	07/16/25		22600394	101139	P	08/08/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	50.81
	INVOICE: S007983423.001									
	VENDOR TOTALS		3,282.14 YTD INVOICED					1,458.98 YTD PAID		50.81
3121	PRO RECORD STORAGE & SHRED INC									
	213806	06/01/25		22509115	101140	P	08/08/25	502 300100	FB RESRVD FOR ENCUMBRANCE	119.26
	INVOICE: 0032145									
	213807	07/01/25		22509115	101140	P	08/08/25	502 300100	FB RESRVD FOR ENCUMBRANCE	145.26
	INVOICE: 0032278									
	VENDOR TOTALS		10,664.25 YTD INVOICED					1,113.84 YTD PAID		264.52
293	QUILL CORPORATION									
	213683	07/07/25		22600325	101141	P	08/08/25	10152060 620101	OFFICE SUPPLIES	588.23
	INVOICE: 44788997									
	VENDOR TOTALS		26,110.11 YTD INVOICED					1,742.07 YTD PAID		588.23
3953	RDO EQUIPMENT CO.									
	213808	07/15/25		22600393	101142	P	08/08/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	3,000.78
	INVOICE: W7633243									
	213809	07/15/25		22600393	101142	P	08/08/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	3,000.78
	INVOICE: W7633143									
	VENDOR TOTALS		3,696.56 YTD INVOICED					6,001.56 YTD PAID		6,001.56
631	REFRIGERATION SUPPLIES DIST.									
	213746	07/25/25		22600421	101143	P	08/08/25	10123010 630101	BUILDING MAINT.	63.24
	INVOICE: 3346296-00									
	213810	07/14/25		22600403	101143	P	08/08/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	115.51

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 3345851-00										
	213811	06/05/25		22509114	101143	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	23.44
	INVOICE: 3344535-00										
	213812	06/25/25		22509114	101143	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	39.58
	INVOICE: 3345213-00										
	VENDOR TOTALS		49,656.81 YTD INVOICED						2,452.47 YTD PAID		241.77
2840	RESERVE ACCOUNT-PITNEY BOWES										
	213747	07/28/25		22600464	101144	P	08/08/25	10119010	620102	POSTAGE	1,000.00
	INVOICE: 213747										
	VENDOR TOTALS		15,000.00 YTD INVOICED						2,100.00 YTD PAID		1,000.00
8634	REXEL USA, INC.										
	213748	07/11/25		22600396	101145	P	08/08/25	10118010	620130	MAINTENANCE SUPPLIES	77.06
	INVOICE: S142917594.001										
	213813	07/11/25		22600459	101145	P	08/08/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	119.83
	INVOICE: S142917536.001										
	VENDOR TOTALS		53,368.99 YTD INVOICED						196.89 YTD PAID		196.89
8791	RICK'S ROADRUNNER LOCK & SAFE										
	213749	07/24/25		22600415	101146	P	08/08/25	50195110	630115	OUTSIDE MAINTENANCE	68.19
	INVOICE: 23403										
	VENDOR TOTALS		6,184.51 YTD INVOICED						1,598.87 YTD PAID		68.19
6416	BRANDON SANDERS										
	213867	06/02/25		22509135	101147	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	386.92
	INVOICE: 213867										
	VENDOR TOTALS		.00 YTD INVOICED						386.92 YTD PAID		386.92
1656	SECURITAS SEC. SERV. USA, INC.										
	213814	07/31/25		22600479	101148	P	08/08/25	50195120	610113	PROFESSIONAL FEES (O)	337.62
	INVOICE: 12244416										
	213814	07/31/25		22600479	101148	P	08/08/25	50295220	610113	PROFESSIONAL FEES (O)	337.62
	INVOICE: 12244416										
	VENDOR TOTALS		229,498.44 YTD INVOICED						8,049.92 YTD PAID		675.24
2820	SIERRA AIR										
	213815	05/19/25		22509116	101149	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	656.66
	INVOICE: 75250										
	VENDOR TOTALS		.00 YTD INVOICED						656.66 YTD PAID		656.66
5990	STATE DISBURSEMENT UNIT										
	213880	08/08/25 1580			101151	P	08/08/25	101	201217	OTHER PAYROLL DEDUCTIONS	2,622.88
	INVOICE: 213880										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	86,087.04 YTD INVOICED						5,245.76 YTD PAID			2,622.88
10426	STATE WATER RESOURCES CONTROL BOARD										
	213750	11/22/24		22509139	101152	P	08/08/25	50110006	470173	WATER-BAD DEBT COLLECTION	26.21
	INVOICE:	177012400									
	VENDOR TOTALS	.00 YTD INVOICED						1,343.64 YTD PAID			26.21
9377	STC TRAFFIC, INC.										
	213751	06/13/25		22509101	101153	P	08/08/25	205	300100	FB RESRVD FOR ENCUMBRANCE	922.50
	INVOICE:	8086									
	213751	06/13/25		22509101	101153	P	08/08/25	401	300100	FB RESRVD FOR ENCUMBRANCE	6,577.50
	INVOICE:	8086									
	VENDOR TOTALS	67,380.00 YTD INVOICED						9,370.00 YTD PAID			7,500.00
3930	SUPERIOR RMC, LP										
	213820	04/03/25		22509126	101154	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	523.66
	INVOICE:	2504-245681									
	213821	03/20/25		22509126	101154	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	355.80
	INVOICE:	2503-237365									
	VENDOR TOTALS	29,782.72 YTD INVOICED						6,035.43 YTD PAID			879.46
8347	SURE HELPLINE CRISIS CENTER										
	213687	07/01/25		22509021	101155	P	08/08/25	243	300100	FB RESRVD FOR ENCUMBRANCE	1,016.00
	INVOICE:	0625CDBG									
	213688	05/30/25		22509020	101155	P	08/08/25	243	300100	FB RESRVD FOR ENCUMBRANCE	1,010.00
	INVOICE:	0525CDBG									
	VENDOR TOTALS	6,818.94 YTD INVOICED						2,026.00 YTD PAID			2,026.00
5820	SWARCO MCCAIN, INC.										
	213872	07/22/25		22508335	101156	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	4,193.59
	INVOICE:	INV0288267									
	VENDOR TOTALS	2,710.61 YTD INVOICED						4,193.59 YTD PAID			4,193.59
10497	SYSCO SAN DIEGO, INC.										
	213689	07/18/25		22600319	101157	P	08/08/25	10110006	460115	SWIMMING POOL FEES	2,358.55
	INVOICE:	436637250									
	VENDOR TOTALS	2,842.12 YTD INVOICED						2,557.80 YTD PAID			2,358.55
1378	TELDATA										
	213690	04/14/25		22509088	101158	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	572.00
	INVOICE:	10325									
	VENDOR TOTALS	29,884.22 YTD INVOICED						1,149.01 YTD PAID			572.00

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
4062	TERMINIX OF IMPERIAL VALLEY										
	213691	07/01/25		22600295	101159	P	08/08/25	10118020	630101	BUILDING MAINT.	45.36
	INVOICE: 1151742										
	VENDOR TOTALS		6,091.12 YTD INVOICED						694.40 YTD PAID		45.36
400	THE HOLT GROUP, INC.										
	213752	06/30/25		22509112	101160	P	08/08/25	205	300100	FB RESRVD FOR ENCUMBRANCE	5,336.00
	INVOICE: 25-06-014										
	VENDOR TOTALS		23,774.00 YTD INVOICED						17,836.00 YTD PAID		5,336.00
10055	MARCUS TORRES										
	213753	08/01/25		22600391	101161	P	08/08/25	50195110	620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 213753										
	VENDOR TOTALS		639.00 YTD INVOICED						300.00 YTD PAID		300.00
9991	TRACTOR SUPPLY CREDIT SVCS.										
	213873	07/30/25		22600461	101162	P	08/08/25	10119010	610129	OTHER EXPENSE	6.00
	INVOICE: 60353011076203702										
	VENDOR TOTALS		1,096.70 YTD INVOICED						6.00 YTD PAID		6.00
521	TYLER TECHNOLOGIES, INC.										
	213754	08/01/25		22600316	101163	P	08/08/25	10141010	610113	PROFESSIONAL FEES (O)	2,432.50
	INVOICE: 025-520394/BLDG										
	213755	08/01/25		22600380	101163	P	08/08/25	50195160	610113	PROFESSIONAL FEES (O)	1,073.25
	INVOICE: 025-520394/PW										
	213755	08/01/25		22600380	101163	P	08/08/25	50295280	610113	PROFESSIONAL FEES (O)	1,073.25
	INVOICE: 025-520394/PW										
	VENDOR TOTALS		354,686.00 YTD INVOICED						8,562.50 YTD PAID		4,579.00
6289	U.S. BANK										
	213833	07/22/25		22600352	101164	P	08/08/25	10111020	620101	OFFICE SUPPLIES	1,332.20
	INVOICE: 63957516/7-22-25										
	213834	07/22/25		22600351	101164	P	08/08/25	10111010	610109	MEETING AND TRAVEL	100.63
	INVOICE: 63957516/7-22-25(1)										
	213835	07/22/25		22600350	101164	P	08/08/25	10111020	610121	DUES & SUBSCRIPTIONS	600.00
	INVOICE: 63957516/7-22-25(2)										
	213836	07/22/25		22600360	101164	P	08/08/25	10141010	610123	TRAINING	270.00
	INVOICE: 01870085/7-22-25										
	213836	07/22/25		22600360	101164	P	08/08/25	10141010	610129	OTHER EXPENSE	159.90
	INVOICE: 01870085/7-22-25										
	213836	07/22/25		22600360	101164	P	08/08/25	10141010	620101	OFFICE SUPPLIES	140.67
	INVOICE: 01870085/7-22-25										
	213837	07/22/25		22509097	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	71.09
	INVOICE: 01870085/7-22-25(1)										
	213838	07/22/25		22509096	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,815.84
	INVOICE: 01870085/7-22-25(2)										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
213839		07/22/25		22509098	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	437.73
	INVOICE: 66427087/7-22-25										
213840		07/22/25		22600366	101164	P	08/08/25	10112010	610109	MEETING AND TRAVEL	22.00
	INVOICE: 66427087/7-22-25(1)										
213840		07/22/25		22600366	101164	P	08/08/25	10112010	620101	OFFICE SUPPLIES	210.03
	INVOICE: 66427087/7-22-25(1)										
213841		07/22/25		22509100	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	10.99
	INVOICE: 72511502/7-22-25										
213842		07/22/25		22600367	101164	P	08/08/25	10112010	630109	COMPUTER EQUIP. MAINT.	239.92
	INVOICE: 72511502/7-22-25(1)										
213842		07/22/25		22600367	101164	P	08/08/25	10112010	630115	OUTSIDE MAINTENANCE	20.00
	INVOICE: 72511502/7-22-25(1)										
213842		07/22/25		22600367	101164	P	08/08/25	10112020	610113	PROFESSIONAL FEES (O)	161.00
	INVOICE: 72511502/7-22-25(1)										
213842		07/22/25		22600367	101164	P	08/08/25	50195130	610113	PROFESSIONAL FEES (O)	161.00
	INVOICE: 72511502/7-22-25(1)										
213842		07/22/25		22600367	101164	P	08/08/25	50295230	610113	PROFESSIONAL FEES (O)	161.00
	INVOICE: 72511502/7-22-25(1)										
213843		07/22/25		22600359	101164	P	08/08/25	25093530	610129	OTHER EXPENSE	173.45
	INVOICE: 51230504/7-22-25										
213844		07/22/25		22600358	101164	P	08/08/25	10141010	620101	OFFICE SUPPLIES	99.84
	INVOICE: 58077932/7-22-25										
213844		07/22/25		22600358	101164	P	08/08/25	10144010	610109	MEETING AND TRAVEL	167.37
	INVOICE: 58077932/7-22-25										
213845		07/22/25		22509093	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	138.08
	INVOICE: 58077932/7-22-25(1)										
213845		07/22/25		22509093	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	55.59
	INVOICE: 58077932/7-22-25(1)										
213848		05/22/25		22508974	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	204.25
	INVOICE: 63957516/5-22-25(5)										
213849		06/23/25		22507814	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	298.76
	INVOICE: 74149038/6-23-25(1)										
213850		06/23/25		22509000	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	97.41
	INVOICE: 73212662/6-23-25										
213850		06/23/25		22509000	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	28.13
	INVOICE: 73212662/6-23-25										
213851		07/22/25		22509095	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	632.95
	INVOICE: 58077932/7-22-25(2)										
213852		07/22/25		22600365	101164	P	08/08/25	10141010	610109	MEETING AND TRAVEL	813.18
	INVOICE: 73212654/7-22-25										
213852		07/22/25		22600365	101164	P	08/08/25	10141010	610123	TRAINING	130.00
	INVOICE: 73212654/7-22-25										
213852		07/22/25		22600365	101164	P	08/08/25	10144010	610109	MEETING AND TRAVEL	153.58
	INVOICE: 73212654/7-22-25										
213853		06/23/25		22508835	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,398.15
	INVOICE: 01996229/6-23-25(1)										
213854		07/22/25		22600437	101164	P	08/08/25	10123010	630112	GASOLINE & OIL	175.00
	INVOICE: 01996229/7-22-25										
213855		07/22/25		22509128	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	32.90
	INVOICE: 01925335/7-22-25										
213856		07/22/25		22600429	101164	P	08/08/25	10131010	610109	MEETING AND TRAVEL	159.18

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 51150405/7-22-25										
	213856	07/22/25		22600429	101164	P	08/08/25	50195160	610109	MEETING & TRAVEL	273.37
	INVOICE: 51150405/7-22-25										
	213856	07/22/25		22600429	101164	P	08/08/25	50295280	610109	MEETING & TRAVEL	273.38
	INVOICE: 51150405/7-22-25										
	213857	06/23/25		22509111	101164	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	340.00
	INVOICE: 65370833/6-23-25(1)										
	213858	06/23/25		22507981	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	675.00
	INVOICE: 01391591/6-23-25(16										
	213859	07/22/25		22509130	101164	P	08/08/25	101	300100	FB RESRVD FOR ENCUMBRANCE	74.98
	INVOICE: 73161521/7-22-25										
	213860	07/22/25		22600438	101164	P	08/08/25	10123010	620105	COMPUTER SUPPLIES	166.99
	INVOICE: 53140081/7-22-25										
	213875	06/23/25		22509132	101164	P	08/08/25	502	300100	FB RESRVD FOR ENCUMBRANCE	27.50
	INVOICE: 65370841/6-23-25(1)										
	VENDOR TOTALS		823,750.56 YTD INVOICED						81,806.23 YTD PAID		12,503.04
9163	UNIVAR SOLUTIONS USA INC.										
	213693	07/14/25		22600318	101165	P	08/08/25	10152060	620136	TREATMENT CHEMICALS	2,670.07
	INVOICE: 53165335										
	VENDOR TOTALS		254,757.74 YTD INVOICED						2,670.07 YTD PAID		2,670.07
9871	USA BLUE BOOK										
	213756	07/18/25		22600412	101166	P	08/08/25	50195110	630120	WATER PUMPS MAINTENANCE	1,066.83
	INVOICE: INV00771923										
	213757	03/24/25		22509117	101166	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	1,015.39
	INVOICE: INV00659447										
	213758	05/05/25		22509117	101166	P	08/08/25	501	300100	FB RESRVD FOR ENCUMBRANCE	815.58
	INVOICE: INV00701867										
	VENDOR TOTALS		57,879.78 YTD INVOICED						22,255.36 YTD PAID		2,897.80
7951	VESTIS SERVICES, LLC										
	213694	07/04/25		22600337	101167	P	08/08/25	10152060	610125	UNIFORM RENTAL	29.60
	INVOICE: 5220544698										
	213695	07/04/25		22600337	101167	P	08/08/25	10152060	610125	UNIFORM RENTAL	13.58
	INVOICE: 5220544708										
	213696	07/11/25		22600337	101167	P	08/08/25	10152060	610125	UNIFORM RENTAL	29.60
	INVOICE: 5220547686										
	213697	07/11/25		22600337	101167	P	08/08/25	10152060	610125	UNIFORM RENTAL	13.58
	INVOICE: 5220547696										
	213759	07/04/25		22600410	101167	P	08/08/25	50195110	620128	JANITORIAL SUPPLIES	97.44
	INVOICE: 5220544703										
	213760	07/25/25		22600410	101167	P	08/08/25	50195110	620128	JANITORIAL SUPPLIES	97.44
	INVOICE: 5220553661										
	213761	07/04/25		22600410	101167	P	08/08/25	50195110	610125	UNIFORM RENTAL	262.56
	INVOICE: 5220544704										
	213762	07/25/25		22600410	101167	P	08/08/25	50195110	610125	UNIFORM RENTAL	351.59
	INVOICE: 5220553662										

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	213764	07/18/25		22600398	101167	P	08/08/25	10118010 610125	UNIFORM RENTAL	189.59
	INVOICE:	5220550685								
	213765	07/18/25		22600398	101167	P	08/08/25	10118010 620128	JANITORIAL SUPPLIES	54.70
	INVOICE:	5220550686								
	213766	07/04/25		22600377	101167	P	08/08/25	10118010 610125	UNIFORM RENTAL	98.39
	INVOICE:	5220544705								
	213767	07/04/25		22600377	101167	P	08/08/25	10118010 620128	JANITORIAL SUPPLIES	54.70
	INVOICE:	5220544706								
	213768	07/11/25		22600377	101167	P	08/08/25	10118010 610125	UNIFORM RENTAL	98.39
	INVOICE:	5220547693								
	213769	07/11/25		22600377	101167	P	08/08/25	10118010 620128	JANITORIAL SUPPLIES	54.70
	INVOICE:	5220547694								
	213823	07/11/25		22600387	101167	P	08/08/25	50295210 620128	JANITORIAL SUPPLIES	152.32
	INVOICE:	5220547689								
	213824	07/04/25		22600387	101167	P	08/08/25	50295210 620128	JANITORIAL SUPPLIES	152.32
	INVOICE:	5220544701								
	213825	07/18/25		22600409	101167	P	08/08/25	50295210 620128	JANITORIAL SUPPLIES	152.32
	INVOICE:	5220550681								
	213826	07/18/25		22600409	101167	P	08/08/25	50295210 610125	UNIFORM RENTAL	69.19
	INVOICE:	5220550680								
	213827	06/27/25		22509110	101167	P	08/08/25	501 300100	FB RESRVD FOR ENCUMBRANCE	57.02
	INVOICE:	5220541724								
	213827	06/27/25		22509110	101167	P	08/08/25	502 300100	FB RESRVD FOR ENCUMBRANCE	57.01
	INVOICE:	5220541724								
	VENDOR TOTALS		61,746.62 YTD INVOICED					7,341.04 YTD PAID		2,086.04
1254	JAVIER VILLAVERDE									
	213698	07/21/25		22600247	101168	P	08/08/25	10151010 620112	PROTECTIVE CLOTHING	300.00
	INVOICE:	213698								
	VENDOR TOTALS		730.00 YTD INVOICED					300.00 YTD PAID		300.00
528	WAXIE SANITARY SUPPLY									
	213770	07/18/25		22600402	101169	P	08/08/25	50295210 620128	JANITORIAL SUPPLIES	124.40
	INVOICE:	83377427								
	213771	07/22/25		22600402	101169	P	08/08/25	50295210 620128	JANITORIAL SUPPLIES	808.42
	INVOICE:	83382351								
	VENDOR TOTALS		56,478.83 YTD INVOICED					8,089.02 YTD PAID		932.82
1566	WILLDAN FINANCIAL SERVICES									
	213772	07/25/25		22600469	101170	P	08/08/25	27299010 610113	PROFESSIONAL FEES (O)	2,532.17
	INVOICE:	010-62864								
	213772	07/25/25		22600469	101170	P	08/08/25	27499020 610113	PROFESSIONAL FEES (O)	1,805.70
	INVOICE:	010-62864								
	213772	07/25/25		22600469	101170	P	08/08/25	28099040 610113	PROFESSIONAL FEES/OTHER	1,750.00
	INVOICE:	010-62864								
	213772	07/25/25		22600469	101170	P	08/08/25	29099030 610113	PROFESSIONAL FEES (O)	2,042.56
	INVOICE:	010-62864								
	213773	07/25/25		22600468	101170	P	08/08/25	27399100 610113	PROFESSIONAL FEES (O)	2,889.12

PAID INVOICES REPORT

WARRANT: 080825 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 010-62863									
	VENDOR TOTALS	18,857.92 YTD INVOICED						11,035.28 YTD PAID		11,019.55
380	WYMORE, INC.									
	213699	05/27/25		22509015	101171	P	08/08/25	502 300100	FB RESRVD FOR ENCUMBRANCE	776.56
	INVOICE: 1240469									
	VENDOR TOTALS	28,601.12 YTD INVOICED						4,307.50 YTD PAID		776.56
3543	ZAMORA'S BACKFLOW SERVICES									
	213700	07/03/25		22600321	101172	P	08/08/25	10152060 630115	OUTSIDE MAINTENANCE	1,190.00
	INVOICE: 8280									
	VENDOR TOTALS	8,090.00 YTD INVOICED						1,570.00 YTD PAID		1,190.00
3247	ELIZABETH ZARATE									
	213874	07/17/25		22600292	101173	P	08/08/25	50195160 610109	MEETING & TRAVEL	258.08
	INVOICE: 213874									
	213874	07/17/25		22600292	101173	P	08/08/25	50295280 610109	MEETING & TRAVEL	258.07
	INVOICE: 213874									
	VENDOR TOTALS	698.00 YTD INVOICED						516.15 YTD PAID		516.15
									REPORT TOTALS	9,700,959.01

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	104	9,700,959.01

PAID INVOICES REPORT

WARRANT: 081125 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
213 SOUTHERN CALIFORNIA GAS CO									
213685	07/18/25		22600346	101174	P	08/11/25	10123010 610102	NATURAL GAS	175.62
INVOICE: 02222688000/JULY2025									
213686	07/17/25		22600346	101174	P	08/11/25	10123010 610102	NATURAL GAS	117.77
INVOICE: 09772541000/JULY2025									
213816	07/31/25		22600471	101175	P	08/11/25	41221010 750004	POLICE STATION (PD)	18,753.02
INVOICE: 213816									
213817	07/16/25		22600407	101174	P	08/11/25	50295210 610102	NATURAL GAS	24.83
INVOICE: 19422742791/JULY2025									
213818	07/16/25		22600407	101174	P	08/11/25	50295210 610102	NATURAL GAS	18.49
INVOICE: 16488264959/JULY2025									
213819	07/16/25		22600407	101174	P	08/11/25	50295210 610102	NATURAL GAS	24.94
INVOICE: 11025635076/JULY2025									
VENDOR TOTALS	106,539.45 YTD INVOICED						20,306.65 YTD PAID		19,114.67
								REPORT TOTALS	19,114.67

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	2	19,114.67

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
7897	360 BUSINESS PRODUCTS										
	213882	07/18/25		22600442	101176	P	08/15/25	10113010	620101	OFFICE SUPPLIES	591.77
	INVOICE: WO-47834-1										
	213883	07/22/25		22600441	101176	P	08/15/25	10113010	620101	OFFICE SUPPLIES	205.35
	INVOICE: WO-47845-1										
	213885	08/06/25		22600495	101176	P	08/15/25	50195120	620101	OFFICE SUPPLIES	191.72
	INVOICE: WO-47998-1										
	213885	08/06/25		22600495	101176	P	08/15/25	50295220	620101	OFFICE SUPPLIES	82.16
	INVOICE: WO-47998-1										
	213886	08/06/25		22600494	101176	P	08/15/25	50195120	620105	COMPUTER SUPPLIES	344.64
	INVOICE: WO-47999-1										
	213886	08/06/25		22600494	101176	P	08/15/25	50295220	620105	COMPUTER SUPPLIES	147.70
	INVOICE: WO-47999-1										
	VENDOR TOTALS		90,148.30 YTD INVOICED						5,249.06 YTD PAID		1,563.34
7640	49ER COMMUNICATIONS, INC.										
	214118	08/05/25		22600521	101177	P	08/15/25	10123010	630107	COMMUNICATION EQUIPMENT M	978.61
	INVOICE: 85546										
	VENDOR TOTALS		2,107.33 YTD INVOICED						978.61 YTD PAID		978.61
6206	ACCUSOURCE INC.										
	214119	07/31/25		22600565	101178	P	08/15/25	10113010	610122	RECRUITING	3,158.78
	INVOICE: 122054										
	VENDOR TOTALS		8,770.50 YTD INVOICED						3,158.78 YTD PAID		3,158.78
9324	ACE HARDWARE CORPORATION										
	213887	07/23/25		22600414	101179	P	08/15/25	50195110	620140	SMALL TOOLS	84.81
	INVOICE: I73209										
	213988	07/24/25		22600533	101179	P	08/15/25	10152040	620130	MAINTENANCE SUPPLIES	193.77
	INVOICE: I73778										
	213989	05/14/25		22509166	101179	P	08/15/25	266	300100	FB RESRVD FOR ENCUMBRANCE	32.46
	INVOICE: I42635										
	213990	05/14/25		22509166	101179	P	08/15/25	266	300100	FB RESRVD FOR ENCUMBRANCE	9.29
	INVOICE: I42718										
	VENDOR TOTALS		38,491.18 YTD INVOICED						3,918.60 YTD PAID		320.33
10492	RANDY AGUELLES										
	213991	07/22/25		22600542	101180	P	08/15/25	10110006	460131	REFEREE FEES	165.00
	INVOICE: 2025SUMMERNBN-4										
	VENDOR TOTALS		275.00 YTD INVOICED						165.00 YTD PAID		165.00
8025	AIR EXHAUST, CO.										
	213888	07/08/25		22600405	101181	P	08/15/25	10152020	610113	PROFESSIONAL FEES (O)	10.00
	INVOICE: 0518635										
	213888	07/08/25		22600405	101181	P	08/15/25	10152050	610113	PROFESSIONAL FEES (O)	52.00
	INVOICE: 0518635										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	7,953.61 YTD INVOICED							62.00 YTD PAID		62.00
9688	AKESO OCCUPATIONAL HEALTH										
	214120	08/01/25		22600561	101182	P	08/15/25	10113010	610122	RECRUITING	170.00
	INVOICE: EM018749										
	VENDOR TOTALS	8,433.00 YTD INVOICED							170.00 YTD PAID		170.00
10070	ALLEGION ACCESS TECHNOLOGIES LLC										
	213992	03/07/25		22509176	101183	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	390.00
	INVOICE: 0907344403										
	VENDOR TOTALS	3,368.48 YTD INVOICED							390.00 YTD PAID		390.00
10577	TORI ALLEN										
	213993	07/15/25		22600536	101184	P	08/15/25	10110006	460131	REFEREE FEES	220.00
	INVOICE: 2025SUMMERVB-1										
	VENDOR TOTALS	.00 YTD INVOICED							220.00 YTD PAID		220.00
10007	AMAZON CAPITAL SERVICES, INC.										
	213890	07/07/25		22600370	101185	P	08/15/25	10152110	620115	ATHLETIC FIELD SUPPLIES	87.66
	INVOICE: 1T7Y-GH3F-GTPH										
	213891	07/07/25		22600370	101185	P	08/15/25	10152110	620115	ATHLETIC FIELD SUPPLIES	103.90
	INVOICE: 1VPD-3HWH-GYVG										
	213892	06/25/25		22509103	101185	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	193.41
	INVOICE: 1FCK-HPQN-TFHD										
	213893	06/30/25		22508808	101185	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	201.25
	INVOICE: 17VR-HRXD-9RN7										
	213894	06/30/25		22508808	101185	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	175.80
	INVOICE: 1XC3-YLLY-H1VH										
	213895	06/30/25		22508808	101185	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	700.70
	INVOICE: 1TGD-VM6Q-DYTR										
	213896	02/25/25		22509107	101185	P	08/15/25	604	300100	FB RESRVD FOR ENCUMBRANCE	668.14
	INVOICE: 16FJ-LF33-9DDW										
	213897	05/07/25		22509107	101185	P	08/15/25	604	300100	FB RESRVD FOR ENCUMBRANCE	400.47
	INVOICE: 1TDL-X9W7-MFYL										
	213898	06/02/25		22509107	101185	P	08/15/25	604	300100	FB RESRVD FOR ENCUMBRANCE	465.58
	INVOICE: 16DL-MV1Y-FPM9										
	213899	05/06/25		22509107	101185	P	08/15/25	604	300100	FB RESRVD FOR ENCUMBRANCE	105.06
	INVOICE: 131J-TFR9-CFQK										
	213994	07/15/25		22600535	101185	P	08/15/25	10152110	620115	ATHLETIC FIELD SUPPLIES	348.30
	INVOICE: 1VYM-G796-K3VG										
	213995	07/17/25		22600535	101185	P	08/15/25	10152040	620101	OFFICE SUPPLIES	18.38
	INVOICE: 1TCD-X49V-FGL3										
	213996	07/29/25		22600535	101185	P	08/15/25	10152010	620115	ATHLETIC FIELD SUPP	1,251.39
	INVOICE: 13WR-X7HH-4G1M										
	VENDOR TOTALS	61,337.65 YTD INVOICED							15,563.03 YTD PAID		4,720.04

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
7	AMERICAN LINEN									
	213900	07/30/25		22600481	101186	P	08/15/25	10123010 620129	LAUNDRY SERVICE & SUPPLY	78.80
	INVOICE:	LYUM1900022								
	213901	07/07/25		22600481	101186	P	08/15/25	10123010 620129	LAUNDRY SERVICE & SUPPLY	100.25
	INVOICE:	LYUM1895249								
	213902	07/21/25		22600481	101186	P	08/15/25	10123010 620129	LAUNDRY SERVICE & SUPPLY	100.25
	INVOICE:	LYUM1897987								
	214121	08/07/25		22600576	101186	P	08/15/25	10123010 620129	LAUNDRY SERVICE & SUPPLY	234.45
	INVOICE:	LYUM1901661								
	VENDOR TOTALS		18,695.79 YTD INVOICED						2,091.57 YTD PAID	513.75
9738	AQUAFORCE INC.									
	214086	07/22/25		22600504	101187	P	08/15/25	10110006 460115	SWIMMING POOL FEES	960.00
	INVOICE:	2025-YUMAINVT								
	VENDOR TOTALS		900.00 YTD INVOICED						960.00 YTD PAID	960.00
6249	AT&T									
	213903	07/12/25		22600488	101189	P	08/15/25	10113040 610103	TELEPHONE	155.40
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	10114010 610103	TELEPHONE	61.61
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	10119010 610103	TELEPHONE	449.53
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	10121010 610103	TELEPHONE	303.70
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	10121020 610103	TELEPHONE	148.91
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	10151010 610103	TELEPHONE	128.07
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	10153010 610103	TELEPHONE	315.09
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	10162010 610103	TELEPHONE	31.58
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	50195110 610103	TELEPHONE	218.56
	INVOICE:	213903								
	213903	07/12/25		22600488	101189	P	08/15/25	50295210 610103	TELEPHONE	187.03
	INVOICE:	213903								
	213904	07/15/25		22600489	101190	P	08/15/25	10113040 610103	TELEPHONE	22.80
	INVOICE:	000023784879								
	213904	07/15/25		22600489	101190	P	08/15/25	10118010 610103	TELEPHONE	11.40
	INVOICE:	000023784879								
	213904	07/15/25		22600489	101190	P	08/15/25	10123010 610103	TELEPHONE	155.55
	INVOICE:	000023784879								
	213904	07/15/25		22600489	101190	P	08/15/25	10162010 610103	TELEPHONE	159.59
	INVOICE:	000023784879								
	213905	07/13/25		22600490	101191	P	08/15/25	10119010 610103	TELEPHONE	13.84
	INVOICE:	000023780581								
	213905	07/13/25		22600490	101191	P	08/15/25	10131010 610103	TELEPHONE	83.06
	INVOICE:	000023780581								

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
213905	07/13/25		22600490	101191	P	08/15/25	10132010	610103	TELEPHONE	27.69
INVOICE: 000023780581										
213905	07/13/25		22600490	101191	P	08/15/25	50195100	610103	TELEPHONE	152.29
INVOICE: 000023780581										
213905	07/13/25		22600490	101191	P	08/15/25	50195110	610103	TELEPHONE	27.69
INVOICE: 000023780581										
213905	07/13/25		22600490	101191	P	08/15/25	50295200	610103	TELEPHONE	110.75
INVOICE: 000023780581										
213905	07/13/25		22600490	101191	P	08/15/25	50295210	610103	TELEPHONE	41.53
INVOICE: 000023780581										
213905	07/13/25		22600490	101191	P	08/15/25	60496400	610103	TELEPHONE	13.85
INVOICE: 000023780581										
213906	07/12/25		22600491	101188	P	08/15/25	10115010	610103	TELEPHONE	71.72
INVOICE: 000023752655										
213906	07/12/25		22600491	101188	P	08/15/25	10141010	610103	TELEPHONE	46.11
INVOICE: 000023752655										
213906	07/12/25		22600491	101188	P	08/15/25	10143010	610103	TELEPHONE	15.68
INVOICE: 000023752655										
213906	07/12/25		22600491	101188	P	08/15/25	10144010	610103	TELEPHONE	40.98
INVOICE: 000023752655										
213906	07/12/25		22600491	101188	P	08/15/25	50195110	610103	TELEPHONE	15.37
INVOICE: 000023752655										
213906	07/12/25		22600491	101188	P	08/15/25	50195120	610103	TELEPHONE	291.99
INVOICE: 000023752655										
213906	07/12/25		22600491	101188	P	08/15/25	50195160	610103	TELEPHONE	15.21
INVOICE: 000023752655										
213906	07/12/25		22600491	101188	P	08/15/25	50295280	610103	TELEPHONE	15.21
INVOICE: 000023752655										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	32.84
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	32.69
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	70.74
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	32.69
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	37.93
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	425.16
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	860.86
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	173.89
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	536.12
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	282.95
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	32.69
INVOICE: 000023634151										
214141	06/15/25		22509205	101188	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	97.45

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	250.20
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	180.27
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	32.69
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	32.69
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	36.97
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	75.81
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	65.44
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	597.59
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	501 300100	FB RESRVD FOR ENCUMBRANCE	32.69
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	501 300100	FB RESRVD FOR ENCUMBRANCE	267.32
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	501 300100	FB RESRVD FOR ENCUMBRANCE	32.69
	INVOICE: 000023634151									
214141		06/15/25		22509205	101188	P	08/15/25	502 300100	FB RESRVD FOR ENCUMBRANCE	265.24
	INVOICE: 000023634151									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	31.58
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	61.61
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	63.16
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	61.61
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	31.58
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	31.58
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	839.20
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	221.06
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	31.58
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	126.32
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	31.58
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	58.30
	INVOICE: 000023604420									
214143		06/12/25		22509204	101188	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	63.16
	INVOICE: 000023604420									

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214143	06/12/25		22509204	101188	P	08/15/25	501 300100	FB RESRVD FOR ENCUMBRANCE	83.29
	INVOICE: 000023604420									
	VENDOR TOTALS		140,308.37 YTD INVOICED					17,048.82 YTD PAID		9,553.01
6266	AT&T MOBILITY									
	213907	07/03/25		22600340	101192	P	08/15/25	10121010 610103	TELEPHONE	4,650.92
	INVOICE: 287306731535X071125									
	VENDOR TOTALS		72,135.31 YTD INVOICED					9,458.10 YTD PAID		4,650.92
9471	AZTEC ENGINEERING CALIFORNIA, INC.									
	213918	07/18/25		22509150	101193	P	08/15/25	205 300100	FB RESRVD FOR ENCUMBRANCE	62,419.31
	INVOICE: 180602PDS22									
	VENDOR TOTALS		163,369.46 YTD INVOICED					63,280.89 YTD PAID		62,419.31
4922	BAKER & TAYLOR									
	213998	07/09/25		22600477	101194	P	08/15/25	10153010 610107	BOOKS & PERIODICALS	1,265.96
	INVOICE: 2039180432									
	213999	07/07/25		22600478	101194	P	08/15/25	10153010 610107	BOOKS & PERIODICALS	137.03
	INVOICE: 2039171067									
	214000	07/18/25		22600478	101194	P	08/15/25	10153010 610107	BOOKS & PERIODICALS	251.13
	INVOICE: 2039192261									
	214001	07/08/25		22600478	101194	P	08/15/25	10153010 610107	BOOKS & PERIODICALS	25.94
	INVOICE: 2039178032									
	214002	07/08/25		22600478	101194	P	08/15/25	10153010 610107	BOOKS & PERIODICALS	232.36
	INVOICE: 2039178033									
	214003	07/09/25		22600478	101194	P	08/15/25	10153010 610107	BOOKS & PERIODICALS	46.86
	INVOICE: 2039180431									
	VENDOR TOTALS		39,614.83 YTD INVOICED					2,131.18 YTD PAID		1,959.28
2745	DULCE BEDOLLA									
	214122	08/07/25		22600567	101195	P	08/15/25	10113010 610123	TRAINING	135.50
	INVOICE: 214122									
	VENDOR TOTALS		797.85 YTD INVOICED					135.50 YTD PAID		135.50
9647	BENEFIT COORDINATORS CORP.									
	214173	08/01/25		22600693	101196	P	08/15/25	60396300 640105	VISION CLAIMS	1,787.06
	INVOICE: BOJXRQ									
	214174	08/01/25		22600694	101196	P	08/15/25	60396300 640104	MEDICAL CLAIMS	356,548.25
	INVOICE: BOJX52									
	214174	08/01/25		22600694	101196	P	08/15/25	60396300 640105	VISION CLAIMS	178.75
	INVOICE: BOJX52									
	214175	08/01/25		22600692	101196	P	08/15/25	60396300 640104	MEDICAL CLAIMS	11,184.19
	INVOICE: BOJXGF									
	VENDOR TOTALS		4,245,885.38 YTD INVOICED					369,698.25 YTD PAID		369,698.25

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
9332	CARLOS BERNAL										
	213919	02/03/25		22509090	101197	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	292.00
	INVOICE: 213919										
	VENDOR TOTALS		3,220.99 YTD INVOICED						292.00 YTD PAID		292.00
10520	BLUE TRITON BRANDS INC										
	214004	08/02/25		22600527	101198	P	08/15/25	10152020	610129	OTHER EXPENSE	102.39
	INVOICE: 05G8730033352										
	214004	08/02/25		22600527	101198	P	08/15/25	10152050	610129	OTHER EXPENSE	102.39
	INVOICE: 05G8730033352										
	214004	08/02/25		22600527	101198	P	08/15/25	10152110	610113	PROFESSIONAL FEES/OTHER	204.78
	INVOICE: 05G8730033352										
	VENDOR TOTALS		.00 YTD INVOICED						409.56 YTD PAID		409.56
1532	BLX GROUP LLC										
	214005	07/02/25		22600460	101199	P	08/15/25	41053010	640138	BOND RELATED EXPENSES	2,000.00
	INVOICE: 43332-2186/070225										
	VENDOR TOTALS		11,500.00 YTD INVOICED						2,000.00 YTD PAID		2,000.00
10575	BRAWLEY SUNSTROKERS										
	214087	07/22/25		22600503	101200	P	08/15/25	10110006	460115	SWIMMING POOL FEES	1,040.00
	INVOICE: 2025-ABC										
	VENDOR TOTALS		.00 YTD INVOICED						1,040.00 YTD PAID		1,040.00
5975	BRENNTAG PACIFIC, INC.										
	214088	07/22/25		22600500	101201	P	08/15/25	10152060	620136	TREATMENT CHEMICALS	4,858.98
	INVOICE: BPI534666										
	214089	07/31/25		22600518	101201	P	08/15/25	10152060	620136	TREATMENT CHEMICALS	1,697.75
	INVOICE: BPI537420										
	VENDOR TOTALS		95,908.11 YTD INVOICED						18,839.30 YTD PAID		6,556.73
6340	BRINKS INCORPORATED										
	213920	07/31/25		22600547	101202	P	08/15/25	10152020	610113	PROFESSIONAL FEES (O)	696.99
	INVOICE: 7871100										
	213920	07/31/25		22600547	101202	P	08/15/25	10152040	610113	PROFESSIONAL FEES (O)	361.08
	INVOICE: 7871100										
	213920	07/31/25		22600547	101202	P	08/15/25	10152060	610113	PROFESSIONAL FEES/OTHER	1,268.65
	INVOICE: 7871100										
	213920	07/31/25		22600547	101202	P	08/15/25	10153010	610113	PROFESSIONAL FEES/OTHER	695.43
	INVOICE: 7871100										
	213920	07/31/25		22600547	101202	P	08/15/25	50195120	610113	PROFESSIONAL FEES (O)	808.42
	INVOICE: 7871100										
	213920	07/31/25		22600547	101202	P	08/15/25	50295220	610113	PROFESSIONAL FEES (O)	808.42
	INVOICE: 7871100										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	49,751.01 YTD INVOICED							4,638.99 YTD PAID		4,638.99
10416	BRYCE BROWN										
	214123	08/04/25		22600568	101203	P	08/15/25	10123010	610113	PROFESSIONAL FEES (O)	1,200.00
	INVOICE:	20250804-ECFD									
	VENDOR TOTALS	5,700.00 YTD INVOICED							1,200.00 YTD PAID		1,200.00
9903	BRYCE CONSULTING										
	214090	08/05/25		22600604	101204	P	08/15/25	21461200	610113	PROFESSIONAL FEES/OTHER	4,085.00
	INVOICE:	1231									
	VENDOR TOTALS	22,040.00 YTD INVOICED							4,085.00 YTD PAID		4,085.00
9645	LORENZO BUSTOS										
	213921	07/30/25		22600314	101205	P	08/15/25	10121010	610124	UNIFORM ALLOWANCE	300.00
	INVOICE:	213921									
	VENDOR TOTALS	300.00 YTD INVOICED							300.00 YTD PAID		300.00
6276	C R & R										
	214124	07/01/25		22509079	101206	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	618.21
	INVOICE:	000452863									
	VENDOR TOTALS	2,318,354.85 YTD INVOICED							197,518.10 YTD PAID		618.21
2503	CAL-TEST, INC.										
	214125	08/02/25		22600560	101207	P	08/15/25	10113010	610132	MEDICAL SERVICES	492.90
	INVOICE:	2025-2614									
	VENDOR TOTALS	7,575.40 YTD INVOICED							492.90 YTD PAID		492.90
2555	CALIBER SCREENPRINTING INC.										
	213922	07/10/25		22600315	101208	P	08/15/25	10152010	610129	OTHER EXPENSE	692.80
	INVOICE:	61158									
	213923	07/10/25		22600315	101208	P	08/15/25	10152010	610129	OTHER EXPENSE	276.03
	INVOICE:	61159									
	214091	07/23/25		22600505	101208	P	08/15/25	10110006	460115	SWIMMING POOL FEES	2,100.05
	INVOICE:	61218									
	VENDOR TOTALS	30,738.34 YTD INVOICED							4,962.16 YTD PAID		3,068.88
8800	SAL CARRILLO										
	214006	07/22/25		22600540	101209	P	08/15/25	10110006	460131	REFEREE FEES	1,265.00
	INVOICE:	2025SUMMERNBN-4									
	VENDOR TOTALS	3,300.00 YTD INVOICED							1,265.00 YTD PAID		1,265.00
8789	GABRIEL CASTRO										
	214007	07/22/25		22600538	101210	P	08/15/25	10110006	460131	REFEREE FEES	770.00

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 2025SUMMERNBN-4										
	VENDOR TOTALS		275.00 YTD INVOICED						770.00 YTD PAID		770.00
10390	JONATHAN CAZARES										
	213924	07/14/25		22600371	101211	P	08/15/25	10152040	610111	EQUIPMENT RENTAL	250.00
	INVOICE: 001472										
	VENDOR TOTALS		310.00 YTD INVOICED						250.00 YTD PAID		250.00
4323	CDW GOVERNMENT, INC.										
	213925	07/31/25		22600349	101212	P	08/15/25	10113040	630109	COMPUTER EQUIP. MAINT.	70,384.07
	INVOICE: AF24D2W										
	VENDOR TOTALS		149,886.80 YTD INVOICED						84,765.48 YTD PAID		70,384.07
33	CONTINUING EDUCATION OF THE BAR										
	214092	07/18/25		22600612	101213	P	08/15/25	10114010	610107	BOOKS & PERIODICALS	650.00
	INVOICE: IN00359778										
	214092	07/18/25		22600612	101213	P	08/15/25	10114010	610129	OTHER EXPENSE	11.37
	INVOICE: IN00359778										
	VENDOR TOTALS		607.24 YTD INVOICED						661.37 YTD PAID		661.37
6050	CHARTER COMMUNICATIONS										
	213926	07/14/25		22600406	101214	P	08/15/25	10152050	610113	PROFESSIONAL FEES (O)	129.51
	INVOICE: 189471901071425										
	214126	07/14/25		22600439	101214	P	08/15/25	10162010	610129	OTHER EXPENSE	119.00
	INVOICE: 189462501071425										
	VENDOR TOTALS		10,439.81 YTD INVOICED						815.84 YTD PAID		248.51
54	CITY OF EL CENTRO-WATER DEPT.										
	214127	07/25/25		22600456	101215	P	08/15/25	10118020	610104	WATER	942.99
	INVOICE: 1861002										
	214144	07/25/25		22600686	101215	P	08/15/25	20434060	610104	WATER	86.06
	INVOICE: 1863454										
	214145	07/25/25		22600685	101215	P	08/15/25	20434060	610104	WATER	710.07
	INVOICE: 1863453										
	VENDOR TOTALS		10,219.63 YTD INVOICED						1,739.12 YTD PAID		1,739.12
2470	COUNTY OF SAN DIEGO, RCS										
	214093	08/01/25		22600606	101216	P	08/15/25	10141010	630107	COMMUNICATION EQUIPMENT M	122.00
	INVOICE: 26ELCNCDN01										
	214094	08/01/25		22600611	101216	P	08/15/25	10112010	630107	COMUNICATION EQUIP PMAINT	61.00
	INVOICE: 26ELCNCMN01										
	214129	08/01/25		22600569	101216	P	08/15/25	10123010	630107	COMMUNICATION EQUIPMENT M	1,738.50
	INVOICE: 26ELCNFDN01										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	95,946.50 YTD INVOICED							13,741.50 YTD PAID		1,921.50
6166	DESERT VETERINARY GROUP										
	213928	07/11/25		22600342	101217	P	08/15/25	10121030	610129	OTHER EXPENSE	50.00
	INVOICE: 320427										
	VENDOR TOTALS	1,692.81 YTD INVOICED							100.00 YTD PAID		50.00
2971	DOOLEY ENTERPRESES, INC.										
	213929	08/06/25		22600328	101218	P	08/15/25	10121010	620110	AMMUNITION & RANGE SUPPLI	20,744.28
	INVOICE: 70479										
	VENDOR TOTALS	22,027.40 YTD INVOICED							20,744.28 YTD PAID		20,744.28
102	EL CENTRO MOTORS										
	213930	07/21/25		22600444	101219	P	08/15/25	60496400	630114	PARTS	360.29
	INVOICE: 5238358										
	VENDOR TOTALS	178,749.73 YTD INVOICED							87,575.53 YTD PAID		360.29
105	EL OASIS WATER										
	214130	07/18/25		22600594	101220	P	08/15/25	10123010	630101	BUILDING MAINT.	376.61
	INVOICE: 812363										
	VENDOR TOTALS	5,645.09 YTD INVOICED							376.61 YTD PAID		376.61
201	EMPLOYMENT DEVELOPMENT DEPT										
	214095	07/30/25		22600609	101221	P	08/15/25	60296200	640118	UNEMPLOYMENT BENEFITS	13,516.00
	INVOICE: L0670471120										
	VENDOR TOTALS	51,605.66 YTD INVOICED							13,516.00 YTD PAID		13,516.00
9994	KEVIN EVEN										
	214008	06/30/25		22509160	101222	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	4,475.00
	INVOICE: 053										
	VENDOR TOTALS	810.00 YTD INVOICED							4,475.00 YTD PAID		4,475.00
247	FEDEX										
	213931	07/18/25		22600341	101223	P	08/15/25	10121010	620102	POSTAGE	104.69
	INVOICE: 8-927-91884										
	213932	07/11/25		22600341	101223	P	08/15/25	10121010	620102	POSTAGE	56.24
	INVOICE: 8-920-57182										
	VENDOR TOTALS	9,779.16 YTD INVOICED							625.79 YTD PAID		160.93
4462	FERGUSON ENTERPRISES, INC.										
	213933	07/10/25		22600473	101224	P	08/15/25	10123010	630101	BUILDING MAINT.	25.19
	INVOICE: 5562637										
	214009	07/09/25		22600531	101224	P	08/15/25	10152040	630101	BUILDING MAINT.	94.18

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 5553546										
	214010	07/07/25		22600531	101224	P	08/15/25	10152110	630101	BUILDING MAINT	37.76
	INVOICE: 5542261										
	214131	07/22/25		22600470	101224	P	08/15/25	10118020	630101	BUILDING MAINT.	27.51
	INVOICE: 5590261										
	VENDOR TOTALS		86,009.42 YTD INVOICED						3,615.56 YTD PAID		184.64
4317	FRUTH GROUP INC.										
	213934	07/24/25		22600472	101225	P	08/15/25	10123010	630106	OFFICE MACHINES MAINT.	397.65
	INVOICE: 749671										
	214011	06/23/25		22507985	101225	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	5,778.93
	INVOICE: 744320										
	214012	06/23/25		22507986	101225	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	5,778.93
	INVOICE: 744319										
	214013	05/19/25		22509143	101225	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	730.95
	INVOICE: 738813										
	214014	06/02/25		22509143	101225	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	178.83
	INVOICE: 741425										
	214015	06/18/25		22509143	101225	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	867.81
	INVOICE: 743931										
	214016	07/01/25		22509143	101225	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	83.52
	INVOICE: 746208										
	214017	07/01/25		22600508	101225	P	08/15/25	10152010	620103	PRINTING	128.89
	INVOICE: 748805										
	214018	07/18/25		22600508	101225	P	08/15/25	10152050	620103	PRINTING	33.59
	INVOICE: 748806										
	214019	06/30/25		22509173	101225	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	282.13
	INVOICE: 745292										
	214021	07/22/25		22600525	101225	P	08/15/25	10153010	630106	OFFICE MACHINES MAINT.	1,387.04
	INVOICE: 749231										
	214096	07/25/25		22600549	101225	P	08/15/25	10141010	630106	OFFICE MACHINES MAINT.	115.77
	INVOICE: 749850										
	VENDOR TOTALS		74,718.99 YTD INVOICED						32,587.85 YTD PAID		15,764.04
10574	ANGELICA GARCIA										
	213935	07/17/25		22600338	101226	P	08/15/25	10121050	610123	TRAINING	307.50
	INVOICE: 213935										
	VENDOR TOTALS		.00 YTD INVOICED						307.50 YTD PAID		307.50
10379	RUBEN GARCIA										
	214022	08/06/25		22600497	101227	P	08/15/25	10152010	620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 214022										
	VENDOR TOTALS		156.95 YTD INVOICED						391.44 YTD PAID		300.00
9447	GREAT WESTERN INSTALLATIONS, INC.										
	213936	07/21/25		22600327	101228	P	08/15/25	10151010	610113	PROFESSIONAL FEES (O)	8,597.10
	INVOICE: 2507061										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		.00 YTD INVOICED				8,597.10 YTD PAID				8,597.10
8006	HARTFORD LIFE INSURANCE COMPANY										
	214176	08/13/25		22600695	101229	P	08/15/25	101	201211	ACCIDENTAL DEATH	332.07
	INVOICE: 374917873939										
	214176	08/13/25		22600695	101229	P	08/15/25	101	201215	LIFE INSURANCE	3,561.32
	INVOICE: 374917873939										
	214176	08/13/25		22600695	101229	P	08/15/25	101	201216	DISABILITY INSURANCE	3,079.31
	INVOICE: 374917873939										
	214177	08/13/25		22600695	101229	P	08/15/25	101	201211	ACCIDENTAL DEATH	262.63
	INVOICE: 274917805526										
	214177	08/13/25		22600695	101229	P	08/15/25	101	201215	LIFE INSURANCE	2,816.68
	INVOICE: 274917805526										
	214177	08/13/25		22600695	101229	P	08/15/25	101	201216	DISABILITY INSURANCE	2,435.45
	INVOICE: 274917805526										
	VENDOR TOTALS		149,221.49 YTD INVOICED				12,487.46 YTD PAID				12,487.46
4982	HOME DEPOT										
	214023	07/22/25		22600447	101230	P	08/15/25	60496400	630114	PARTS	42.45
	INVOICE: 8903517										
	214024	07/29/25		22600452	101230	P	08/15/25	20434060	620130	MAINTENANCE SUPPLIES	25.45
	INVOICE: 1904312										
	214025	07/24/25		22600400	101230	P	08/15/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	127.92
	INVOICE: 6903852										
	214026	07/07/25		22600545	101230	P	08/15/25	10152030	620128	JANITORIAL SUPPLIES	133.15
	INVOICE: 3901653										
	214027	07/07/25		22600545	101230	P	08/15/25	10152030	620128	JANITORIAL SUPPLIES	30.99
	INVOICE: 3901650										
	214028	07/14/25		22600545	101230	P	08/15/25	10152030	630101	BUILDING MAINT.	27.00
	INVOICE: 6902660										
	214029	07/10/25		22600545	101230	P	08/15/25	10152030	630101	BUILDING MAINT.	17.27
	INVOICE: 902145										
	214030	07/07/25		22600545	101230	P	08/15/25	10152030	630101	BUILDING MAINT.	11.39
	INVOICE: 3901705										
	214031	05/16/25		22509144	101230	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	19.45
	INVOICE: 5900762										
	214032	05/20/25		22509144	101230	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	8.92
	INVOICE: 1901182										
	214033	06/17/25		22509144	101230	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	23.07
	INVOICE: 3904562										
	214034	06/23/25		22509144	101230	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	161.29
	INVOICE: 7900122										
	214035	06/27/25		22509144	101230	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	879.33
	INVOICE: 3900654										
	VENDOR TOTALS		104,591.54 YTD INVOICED				7,441.55 YTD PAID				1,507.68
9534	HYDROAPPS LLC										
	214097	07/31/25		22600517	101231	P	08/15/25	10152060	610121	DUES & SUBSCRIPTIONS	1,979.70

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 1704										
	VENDOR TOTALS	1,877.52 YTD INVOICED							1,979.70 YTD PAID		1,979.70
5691	I.C. WORK TRAINING CENTER, INC.										
	214036	04/30/25		22509170	101232	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	6,381.71
	INVOICE: 3412										
	214037	05/30/25		22509171	101232	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	6,381.71
	INVOICE: 3426										
	214038	03/31/25		22509169	101232	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	6,381.71
	INVOICE: 3395										
	214039	02/28/25		22509168	101232	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	6,381.71
	INVOICE: 3393										
	214040	10/31/24		22509167	101232	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	4,327.08
	INVOICE: 3327										
	VENDOR TOTALS	165,414.82 YTD INVOICED							33,381.92 YTD PAID		29,853.92
146	IMPERIAL PRINTERS										
	214041	04/21/25		22509165	101233	P	08/15/25	266	300100	FB RESRVD FOR ENCUMBRANCE	116.91
	INVOICE: 25-1363										
	214098	07/21/25		22600548	101233	P	08/15/25	10115010	620103	PRINTING	722.72
	INVOICE: 25-2055										
	214099	07/21/25		22509199	101233	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	227.33
	INVOICE: 25-2039										
	214100	07/21/25		22600608	101233	P	08/15/25	10141010	620103	PRINTING	59.54
	INVOICE: 25-2078										
	VENDOR TOTALS	13,120.90 YTD INVOICED							5,072.76 YTD PAID		1,126.50
9814	IMPERIAL VALLEY CHEVROLET BUICK GMC CADILLAC										
	213937	07/25/25		22600446	101234	P	08/15/25	60496400	630114	PARTS	363.67
	INVOICE: 717991GM										
	VENDOR TOTALS	86,744.19 YTD INVOICED							1,500.53 YTD PAID		363.67
8378	IMPERIAL VALLEY OCCUPATIONAL MEDICINE										
	214178	08/06/25		22600663	101235	P	08/15/25	10113010	610122	RECRUITING	130.00
	INVOICE: 4787										
	VENDOR TOTALS	3,757.44 YTD INVOICED							1,538.72 YTD PAID		130.00
607	IMPERIAL VALLEY PRESS										
	214101	08/12/25		22600613	101236	P	08/15/25	10112010	610121	DUES & SUBSCRIPTIONS	203.88
	INVOICE: 231609/FY2026										
	VENDOR TOTALS	29,758.98 YTD INVOICED							3,103.37 YTD PAID		203.88
8758	JESSE JACKSON										
	214042	07/22/25		22600537	101237	P	08/15/25	10110006	460131	REFEREE FEES	220.00
	INVOICE: 2025SUMMERNBN-4										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	385.00 YTD INVOICED							220.00 YTD PAID		220.00
3760	JADE SECURITY SYSTEMS INC.										
	213938	07/10/25		22600395	101238	P	08/15/25	10118010	630101	BUILDING MAINT.	119.97
	INVOICE:	4953/JULY2025									
	VENDOR TOTALS	123,851.01 YTD INVOICED							6,457.87 YTD PAID		119.97
163	JIM REITER'S LOCKSMITH AND SAFE INC.										
	213939	06/30/25		22509120	101239	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	7.58
	INVOICE:	278355									
	VENDOR TOTALS	745.32 YTD INVOICED							53.05 YTD PAID		7.58
610	KNORR SYSTEMS, INC.										
	214043	07/31/25		22600516	101240	P	08/15/25	10152060	610113	PROFESSIONAL FEES/OTHER	3,910.89
	INVOICE:	278483									
	VENDOR TOTALS	76,982.59 YTD INVOICED							17,402.70 YTD PAID		3,910.89
684	L.N. CURTIS & SONS										
	214132	08/01/25		22600593	101241	P	08/15/25	10123010	620112	PROTECTIVE CLOTHING	735.63
	INVOICE:	INV976422									
	VENDOR TOTALS	8,335.42 YTD INVOICED							1,252.76 YTD PAID		735.63
4406	LABRUCHERIE IRRIGATION SUPPLY										
	213941	07/07/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	1,557.65
	INVOICE:	306289C									
	213942	07/08/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	45.31
	INVOICE:	306369C									
	213943	07/09/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	48.10
	INVOICE:	306484C									
	213944	07/10/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	70.00
	INVOICE:	306532C									
	213944	07/10/25		22600332	101242	P	08/15/25	10151010	630108	FIELD/SHOP EQUIP. MAINT.	54.67
	INVOICE:	306532C									
	213945	07/11/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	65.51
	INVOICE:	306611C									
	213946	07/14/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	138.85
	INVOICE:	306761C									
	213947	07/14/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	96.12
	INVOICE:	306732C									
	213948	07/14/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	176.21
	INVOICE:	306712C									
	213949	07/14/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	87.62
	INVOICE:	306709C									
	213950	07/15/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	46.33
	INVOICE:	306805C									
	213951	07/15/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	235.12

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 306832C										
	213952	07/16/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	153.64
	INVOICE: 306945C										
	213953	07/17/25		22600332	101242	P	08/15/25	10151010	620124	TREES-PLANTS-GRASS	2,424.80
	INVOICE: 306968C										
	213954	07/17/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	394.87
	INVOICE: 306967C										
	213955	07/17/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	267.44
	INVOICE: 306966C										
	213956	07/17/25		22600332	101242	P	08/15/25	10151010	620123	IRRIGATION & SPRINKLERS	140.28
	INVOICE: 306999C										
	VENDOR TOTALS		123,870.08 YTD INVOICED						15,674.98 YTD PAID		6,002.52
2471	ALEJANDRO S. LEE										
	214102	07/31/25		22600584	101243	P	08/15/25	29952050	610113	PROFESSIONAL FEES/OTHER	350.00
	INVOICE: 214102										
	VENDOR TOTALS		4,700.00 YTD INVOICED						350.00 YTD PAID		350.00
8754	LESLIE'S SWIMMING POOL SUPPLIES										
	214045	07/17/25		22600501	101244	P	08/15/25	10152060	620133	SWIMMING POOL SUPPLIES	40.92
	INVOICE: WPR9097257-0001										
	VENDOR TOTALS		10,631.12 YTD INVOICED						401.75 YTD PAID		40.92
9718	JAQUELINE MACIAS										
	214103	07/31/25		22600586	101245	P	08/15/25	29952050	610113	PROFESSIONAL FEES/OTHER	350.00
	INVOICE: 214103										
	VENDOR TOTALS		4,045.00 YTD INVOICED						350.00 YTD PAID		350.00
276	MCNEECE BROS. OIL CO. INC.										
	213957	07/21/25		22600443	101246	P	08/15/25	60496400	630112	GASOLINE & OIL	328.08
	INVOICE: 620454										
	213958	07/31/25		22600482	101246	P	08/15/25	10123010	630112	GASOLINE & OIL	1,711.55
	INVOICE: 918701										
	214046	07/31/25		22600510	101246	P	08/15/25	10152060	630112	GASOLINE & OIL	123.57
	INVOICE: 918687										
	214047	07/31/25		22600523	101246	P	08/15/25	10113040	610129	OTHER EXPENSE	107.95
	INVOICE: 918753										
	214048	06/30/25		22509149	101246	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	2,937.90
	INVOICE: 918061										
	214048	06/30/25		22509149	101246	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,040.33
	INVOICE: 918061										
	214049	07/31/25		22600524	101246	P	08/15/25	10151010	630112	GASOLINE & OIL	2,881.28
	INVOICE: 918683										
	214049	07/31/25		22600524	101246	P	08/15/25	10152010	630112	GASOLINE & OIL	1,034.70
	INVOICE: 918683										
	214049	07/31/25		22600524	101246	P	08/15/25	10152040	630112	GASOLINE & OIL	87.93
	INVOICE: 918683										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214104	07/31/25		22600610	101246	P	08/15/25	10112010 630112	GASOLINE & OIL	45.05
	INVOICE:	718693								
	214105	07/31/25		22600607	101246	P	08/15/25	10141010 630112	GASOLINE & OIL	561.79
	INVOICE:	918685								
	214106	06/30/25		22509200	101246	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	5.58
	INVOICE:	1043/6-30-25								
	214133	08/01/25		22600507	101246	P	08/15/25	10162010 630112	GASOLINE & OIL	33.66
	INVOICE:	918686								
	214134	08/01/25		22600590	101246	P	08/15/25	10123010 630112	GASOLINE & OIL	779.40
	INVOICE:	620918								
	VENDOR TOTALS		430,662.98	YTD INVOICED				82,473.66	YTD PAID	11,678.77
6025	MED-TECH RESOURCE, INC.									
	213959	07/31/25		22600492	101247	P	08/15/25	10123010 620112	PROTECTIVE CLOTHING	199.61
	INVOICE:	154670								
	214135	08/04/25		22600083	101247	P	08/15/25	10123040 620111	PARAMEDIC SUPPLIES	97.50
	INVOICE:	154697								
	VENDOR TOTALS		18,444.29	YTD INVOICED				4,375.00	YTD PAID	297.11
9598	ANA DANIELA MUNOZ									
	214107	07/31/25		22600581	101248	P	08/15/25	29952050 610113	PROFESSIONAL FEES/OTHER	350.00
	INVOICE:	214107								
	214108	07/31/25		22600581	101248	P	08/15/25	10110006 460129	CONTRACT INSTRUCTORS	234.00
	INVOICE:	214108								
	VENDOR TOTALS		3,967.00	YTD INVOICED				584.00	YTD PAID	584.00
7918	NICKLAUS ENGINEERING, INC.									
	213961	08/01/25		22509163	101249	P	08/15/25	502 300100	FB RESRVD FOR ENCUMBRANCE	27,640.00
	INVOICE:	0041405								
	VENDOR TOTALS		169,824.44	YTD INVOICED				53,201.40	YTD PAID	27,640.00
9305	NUCo2									
	214050	07/01/25		22600515	101250	P	08/15/25	10152060 620136	TREATMENT CHEMICALS	38.72
	INVOICE:	80424240								
	214051	07/04/25		22600515	101250	P	08/15/25	10152060 620136	TREATMENT CHEMICALS	361.31
	INVOICE:	80614161								
	214052	07/15/25		22600515	101250	P	08/15/25	10152060 620136	TREATMENT CHEMICALS	505.48
	INVOICE:	80747206								
	214053	07/17/25		22600515	101250	P	08/15/25	10152060 620136	TREATMENT CHEMICALS	292.17
	INVOICE:	80756505								
	VENDOR TOTALS		21,916.70	YTD INVOICED				1,650.94	YTD PAID	1,197.68
9816	NUSO, LLC									
	214054	07/31/25		22600526	101251	P	08/15/25	10153010 610103	TELEPHONE	235.98
	INVOICE:	131049596								

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		2,542.76 YTD INVOICED						468.54 YTD PAID		235.98
5042	NV5 INC.										
	213960	07/29/25		22509162	101252	P	08/15/25	502 300100		FB RESRVD FOR ENCUMBRANCE	6,212.00
	INVOICE: 462836										
	VENDOR TOTALS		53,682.50 YTD INVOICED						17,971.00 YTD PAID		6,212.00
7057	O'REILLY AUTO PARTS										
	213962	07/25/25		22600419	101253	P	08/15/25	60496400 630114		PARTS	22.87
	INVOICE: 4340-154055										
	213963	07/16/25		22600419	101253	P	08/15/25	60496400 630114		PARTS	4.50
	INVOICE: 4340-152316										
	213964	07/17/25		22600419	101253	P	08/15/25	60496400 630114		PARTS	2.46
	INVOICE: 4340-152471										
	213965	07/17/25		22600419	101253	P	08/15/25	60496400 630114		PARTS	68.72
	INVOICE: 4340-152536										
	213966	07/17/25		22600419	101253	P	08/15/25	60496400 630114		PARTS	4.65
	INVOICE: 4340-152478										
	213967	07/17/25		22600419	101253	P	08/15/25	60496400 630114		PARTS	30.30
	INVOICE: 4340-152551										
	213968	07/21/25		22600419	101253	P	08/15/25	60496400 630114		PARTS	69.24
	INVOICE: 4340-153100										
	213970	07/25/25			101253	P	08/15/25	60496400 630114		PARTS	-156.72
	INVOICE: 4340-154054										
	VENDOR TOTALS		30,510.61 YTD INVOICED						1,596.73 YTD PAID		46.02
8013	PADRE USA										
	213971	06/19/25		22508439	101254	P	08/15/25	101 300100		FB RESRVD FOR ENCUMBRANCE	645.39
	INVOICE: 16032136										
	214057	07/23/25		22600546	101254	P	08/15/25	10152030 620128		JANITORIAL SUPPLIES	75.96
	INVOICE: 16032461										
	214058	07/23/25		22600544	101254	P	08/15/25	10152110 610113		PROFESSIONAL FEES/OTHER	108.25
	INVOICE: 16032481										
	214059	07/23/25		22600544	101254	P	08/15/25	10152110 610113		PROFESSIONAL FEES/OTHER	1,333.40
	INVOICE: 16032480										
	VENDOR TOTALS		25,174.27 YTD INVOICED						2,430.76 YTD PAID		2,163.00
9761	GABRIELA RAMIREZ PEDROZA										
	214109	08/07/25		22600585	101255	P	08/15/25	29952050 610113		PROFESSIONAL FEES/OTHER	194.45
	INVOICE: 214109										
	214110	08/07/25		22600585	101255	P	08/15/25	29952050 610113		PROFESSIONAL FEES/OTHER	194.45
	INVOICE: 214110										
	VENDOR TOTALS		7,884.50 YTD INVOICED						388.90 YTD PAID		388.90
10567	PINE VALLEY DANCE & PLAY										
	213972	07/15/25		22509102	101256	P	08/15/25	10110006 460129		CONTRACT INSTRUCTORS	3,666.00

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: CHYC/MLK 1									
	213973	07/28/25		22600404	101256	P	08/15/25	10110006 460129	CONTRACT INSTRUCTORS	487.50
	INVOICE: 213973									
	214060	08/04/25		22600543	101256	P	08/15/25	10110006 460129	CONTRACT INSTRUCTORS	2,047.50
	INVOICE: CHYC/MLK2									
	VENDOR TOTALS		.00 YTD INVOICED					7,137.00 YTD PAID		6,201.00
5867	PRO FORCE LAW ENFORCEMENT									
	213974	07/23/25		22508727	101257	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	1,489.98
	INVOICE: 579008									
	VENDOR TOTALS		103,031.15 YTD INVOICED					1,489.98 YTD PAID		1,489.98
3121	PRO RECORD STORAGE & SHRED INC									
	214111	08/01/25		22600602	101258	P	08/15/25	10144010 610129	OTHER EXPENSE	41.03
	INVOICE: 0032458									
	214112	08/01/25		22600603	101258	P	08/15/25	10141010 610129	OTHER EXPENSE	241.03
	INVOICE: 0032381									
	214136	08/01/25		22600566	101258	P	08/15/25	10113010 610113	PROFESSIONAL FEES (O)	163.92
	INVOICE: 0032431									
	VENDOR TOTALS		10,664.25 YTD INVOICED					1,113.84 YTD PAID		445.98
10180	JESSICA PROCK									
	213975	06/28/25		22509104	101259	P	08/15/25	10110006 460131	REFEREE FEES	660.00
	INVOICE: 2025SUMMERVB-1									
	214061	07/22/25		22600539	101259	P	08/15/25	10110006 460131	REFEREE FEES	605.00
	INVOICE: 2025SUMMERNBN-4									
	VENDOR TOTALS		1,100.00 YTD INVOICED					1,265.00 YTD PAID		1,265.00
9465	PSC INVESTIGATIONS LLC									
	213976	06/16/25		22509086	101260	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	1,537.90
	INVOICE: 25-090									
	213977	06/12/25		22509087	101260	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	4,229.91
	INVOICE: 25-091									
	VENDOR TOTALS		13,527.55 YTD INVOICED					5,767.81 YTD PAID		5,767.81
293	QUILL CORPORATION									
	214062	07/25/25		22600528	101261	P	08/15/25	10152040 620101	OFFICE SUPPLIES	65.66
	INVOICE: 45053958									
	VENDOR TOTALS		26,110.11 YTD INVOICED					1,742.07 YTD PAID		65.66
631	REFRIGERATION SUPPLIES DIST.									
	213978	07/30/25		22600480	101262	P	08/15/25	10123010 630101	BUILDING MAINT.	35.23
	INVOICE: 3346420-00									
	214063	06/09/25		22509172	101262	P	08/15/25	101 300100	FB RESRVD FOR ENCUMBRANCE	344.98
	INVOICE: 3344633-00									

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214064	06/09/25		22509172	101262	P	08/15/25	101 300100		FB RESRVD FOR ENCUMBRANCE	1,513.39
	INVOICE: 3344634-00										
	VENDOR TOTALS		49,656.81 YTD INVOICED						2,452.47 YTD PAID		1,893.60
9017	ROVE ENGINEERING										
	213979	07/08/25		22509158	101263	P	08/15/25	205 300100		FB RESRVD FOR ENCUMBRANCE	490,014.40
	INVOICE: 7197										
	213979	07/08/25		22509158	101263	P	08/15/25	401 300100		FB RESRVD FOR ENCUMBRANCE	313,419.60
	INVOICE: 7197										
	VENDOR TOTALS		5,576,483.76 YTD INVOICED						2,024,827.15 YTD PAID		803,434.00
1830	DENISE J. RYAN										
	214066	07/20/25		22600511	101264	P	08/15/25	10152060 610106		ADVERTISING	100.00
	INVOICE: 25										
	VENDOR TOTALS		1,250.00 YTD INVOICED						100.00 YTD PAID		100.00
330	SHERWIN WILLIAMS CO.										
	213980	07/15/25		22600330	101265	P	08/15/25	10151010 620131		PAINTING SUPPLIES	216.42
	INVOICE: 8655-9										
	VENDOR TOTALS		18,169.07 YTD INVOICED						670.58 YTD PAID		216.42
10510	DORA SINGH										
	214113	08/06/25		22600570	101266	P	08/15/25	10113010 610123		TRAINING	135.50
	INVOICE: 214113										
	VENDOR TOTALS		.00 YTD INVOICED						135.50 YTD PAID		135.50
213	SOUTHERN CALIFORNIA GAS CO										
	213981	07/23/25		22600474	101267	P	08/15/25	10123010 610102		NATURAL GAS	145.73
	INVOICE: 12964862366/JULY2025										
	214068	07/18/25		22600509	101267	P	08/15/25	10152060 610102		NATURAL GAS	597.28
	INVOICE: 07892745899/JULY2025										
	214069	07/18/25		22600529	101267	P	08/15/25	10152110 610102		NATURAL GAS	23.48
	INVOICE: 17977410368/JULY2025										
	VENDOR TOTALS		106,539.45 YTD INVOICED						20,306.65 YTD PAID		766.49
4920	SPARKLETTS										
	214137	07/24/25		22600465	101268	P	08/15/25	10162010 610129		OTHER EXPENSE	179.85
	INVOICE: 05G8730257267										
	VENDOR TOTALS		3,515.54 YTD INVOICED						179.85 YTD PAID		179.85
392	STATE OF CA. DEPT. OF JUSTICE										
	214138	05/05/25		22509195	101269	P	08/15/25	101 300100		FB RESRVD FOR ENCUMBRANCE	32.00
	INVOICE: 813408										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	7,398.00 YTD INVOICED						356.00 YTD PAID			32.00
9377	STC TRAFFIC, INC.										
	213983	07/10/25		22509159	101270	P	08/15/25	205	300100	FB RESRVD FOR ENCUMBRANCE	230.01
	INVOICE: 8200										
	213983	07/10/25		22509159	101270	P	08/15/25	401	300100	FB RESRVD FOR ENCUMBRANCE	1,639.99
	INVOICE: 8200										
	VENDOR TOTALS	67,380.00 YTD INVOICED						9,370.00 YTD PAID			1,870.00
4062	TERMINIX OF IMPERIAL VALLEY										
	214070	07/15/25		22600512	101271	P	08/15/25	10152060	610113	PROFESSIONAL FEES/OTHER	64.80
	INVOICE: 1152652										
	214071	07/15/25		22600532	101271	P	08/15/25	10152110	610113	PROFESSIONAL FEES/OTHER	51.84
	INVOICE: 1151866										
	214072	07/15/25		22600532	101271	P	08/15/25	10152040	610113	PROFESSIONAL FEES (O)	44.00
	INVOICE: 1152118										
	VENDOR TOTALS	6,091.12 YTD INVOICED						694.40 YTD PAID			160.64
10422	TERRAMARK SURVEYING										
	214139	05/03/25		22509148	101272	P	08/15/25	260	300100	FB RESRVD FOR ENCUMBRANCE	23,100.00
	INVOICE: 25-006										
	VENDOR TOTALS	.00 YTD INVOICED						23,100.00 YTD PAID			23,100.00
9151	THREE PEAKS CORP.										
	214140	04/30/25		22509145	101273	P	08/15/25	261	300100	FB RESRVD FOR ENCUMBRANCE	8,000.00
	INVOICE: 8/BUENA VISTA										
	214140	04/30/25		22509145	101273	P	08/15/25	299	300100	FB RESRVD FOR ENCUMBRANCE	51,210.56
	INVOICE: 8/BUENA VISTA										
	VENDOR TOTALS	2,049,038.21 YTD INVOICED						59,710.18 YTD PAID			59,210.56
6289	U.S. BANK										
	214146	06/23/25		22509032	101274	P	08/15/25	502	300100	FB RESRVD FOR ENCUMBRANCE	1,000.00
	INVOICE: 65370841/6-23-25(2)										
	214147	05/22/25		22508078	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	424.95
	INVOICE: 76841137/5-22-25										
	214148	05/22/25		22509083	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	611.42
	INVOICE: 74188200/5-22-25(6)										
	214148	05/22/25		22509083	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	270.00
	INVOICE: 74188200/5-22-25(6)										
	214149	05/22/25		22509084	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	881.42
	INVOICE: 74188200/5-22-25(7)										
	214150	05/22/25		22508357	101274	P	08/15/25	502	300100	FB RESRVD FOR ENCUMBRANCE	563.45
	INVOICE: 65370841/5-22-25(5)										
	214151	07/22/25		22509094	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,200.84
	INVOICE: 58077932/7-22-25(3)										
	214152	07/22/25		22509141	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	171.95

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 66414846/7-22-25										
	214152	07/22/25		22509141	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	119.38
	INVOICE: 66414846/7-22-25										
	214153	06/23/25		22508453	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,638.54
	INVOICE: 76841137/6-23-25										
	214154	04/22/25		22507653	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,432.15
	INVOICE: 73212662/4-22-25(2)										
	214155	06/23/25		22509019	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	2.30
	INVOICE: 69502431/6-23-25(7)										
	214155	06/23/25		22509019	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	233.76
	INVOICE: 69502431/6-23-25(7)										
	214156	06/23/25		22508458	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	649.47
	INVOICE: 76841137/6-23-25(1)										
	214157	07/22/25		22600467	101274	P	08/15/25	10162010	610109	MEETING & TRAVEL	278.46
	INVOICE: 73165803/7-22-25										
	214158	07/22/25		22600605	101274	P	08/15/25	10123010	610129	OTHER EXPENSE	433.72
	INVOICE: 73161521/7-22-25(1)										
	214158	07/22/25		22600605	101274	P	08/15/25	10123010	620105	COMPUTER SUPPLIES	37.10
	INVOICE: 73161521/7-22-25(1)										
	214158	07/22/25		22600605	101274	P	08/15/25	10123010	630114	PARTS	158.86
	INVOICE: 73161521/7-22-25(1)										
	214160	07/22/25		22600089	101274	P	08/15/25	10111020	610121	DUES & SUBSCRIPTIONS	250.00
	INVOICE: 01391591/7-22-25										
	214161	07/22/25		22600159	101274	P	08/15/25	10111020	620101	OFFICE SUPPLIES	41.69
	INVOICE: 01391591/7-22-25(1)										
	214162	07/22/25		22508555	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	81.25
	INVOICE: 01391591/7-22-25(2)										
	214163	07/22/25		22600354	101274	P	08/15/25	10111010	610109	MEETING AND TRAVEL	52.00
	INVOICE: 01391591/7-22-25(3)										
	214164	07/22/25		22600353	101274	P	08/15/25	10111010	610109	MEETING AND TRAVEL	296.79
	INVOICE: 01391591/7-22-25(4)										
	214165	07/22/25		22508621	101274	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	25.00
	INVOICE: 01391591/7-22-25(5)										
	VENDOR TOTALS	823,750.56 YTD INVOICED							81,806.23 YTD PAID		10,854.50
576	SANTOS VAZQUEZ JR.										
	214067	07/28/25		22600502	101275	P	08/15/25	10110006	460115	SWIMMING POOL FEES	619.19
	INVOICE: 8575										
	VENDOR TOTALS	637.20 YTD INVOICED							930.95 YTD PAID		619.19
1002	PATRICIA VERDUGO										
	214114	07/31/25		22600583	101276	P	08/15/25	29952050	610113	PROFESSIONAL FEES/OTHER	350.00
	INVOICE: 214114										
	VENDOR TOTALS	5,254.00 YTD INVOICED							350.00 YTD PAID		350.00
4647	VERIZON WIRELESS										
	213985	07/06/25		22600339	101277	P	08/15/25	10121010	610103	TELEPHONE	4,754.94
	INVOICE: 6117884493										

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	75,580.34 YTD INVOICED					5,345.04 YTD PAID				4,754.94
7951	VESTIS SERVICES, LLC										
	213986	07/04/25		22600450	101278	P	08/15/25	60496400	610125	UNIFORM RENTAL	16.52
	INVOICE:	5220544712									
	213987	07/11/25		22600450	101278	P	08/15/25	10131010	620128	JANITORIAL SUPPLIES	12.93
	INVOICE:	5220547709									
	213987	07/11/25		22600450	101278	P	08/15/25	10132010	620128	JANITORIAL SUPPLIES	12.93
	INVOICE:	5220547709									
	213987	07/11/25		22600450	101278	P	08/15/25	50195100	620128	JANITORIAL SUPPLIES	12.96
	INVOICE:	5220547709									
	213987	07/11/25		22600450	101278	P	08/15/25	60496400	620128	JANITORIAL SUPPLIES	12.93
	INVOICE:	5220547709									
	214073	07/04/25		22600534	101278	P	08/15/25	10152110	610113	PROFESSIONAL FEES/OTHER	13.10
	INVOICE:	5220544697									
	214073	07/04/25		22600534	101278	P	08/15/25	10152110	620128	JANITORIAL SUPPLIES	34.70
	INVOICE:	5220544697									
	214074	07/04/25		22600534	101278	P	08/15/25	10152110	610125	UNIFORM RENTAL	6.84
	INVOICE:	5220544707									
	214075	07/11/25		22600534	101278	P	08/15/25	10152110	610113	PROFESSIONAL FEES/OTHER	8.00
	INVOICE:	5220547685									
	214075	07/11/25		22600534	101278	P	08/15/25	10152110	620128	JANITORIAL SUPPLIES	39.80
	INVOICE:	5220547685									
	214076	07/11/25		22600534	101278	P	08/15/25	10152110	610125	UNIFORM RENTAL	6.84
	INVOICE:	5220547695									
	214077	06/27/25		22509175	101278	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	6.84
	INVOICE:	5220541717									
	214078	06/27/25		22509175	101278	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	9.55
	INVOICE:	5220541707									
	214078	06/27/25		22509175	101278	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	38.25
	INVOICE:	5220541707									
	214079	07/18/25		22600513	101278	P	08/15/25	10152060	610125	UNIFORM RENTAL	13.58
	INVOICE:	5220550688									
	214080	07/25/25		22600513	101278	P	08/15/25	10152060	610125	UNIFORM RENTAL	13.58
	INVOICE:	5220553666									
	214081	07/25/25		22600513	101278	P	08/15/25	10152060	610125	UNIFORM RENTAL	29.60
	INVOICE:	5220553656									
	VENDOR TOTALS	61,746.62 YTD INVOICED					7,341.04 YTD PAID				288.95
10580	LESLIE VILLANUEVA										
	214082	07/29/25		22600499	101279	P	08/15/25	10110006	460120	DAY CAMP FEES	165.00
	INVOICE:	2710521									
	VENDOR TOTALS	.00 YTD INVOICED					165.00 YTD PAID				165.00
8768	LUIS VIZCANO										
	214083	07/22/25		22600541	101280	P	08/15/25	10110006	460131	REFEREE FEES	770.00
	INVOICE:	2025SUMMERNBN-4									
	214115	07/15/25		22600372	101280	P	08/15/25	10110006	460131	REFEREE FEES	550.00

PAID INVOICES REPORT

WARRANT: 081525 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 2025SUMMERVB-4										
	VENDOR TOTALS		1,650.00 YTD INVOICED						1,320.00 YTD PAID		1,320.00
9919	WALKER TRACKER A TERRYBERRY COMPANY										
	214116	06/17/25		22509183	101281	P	08/15/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,503.00
	INVOICE: M0147999										
	VENDOR TOTALS		1,502.06 YTD INVOICED						1,503.00 YTD PAID		1,503.00
528	WAXIE SANITARY SUPPLY										
	214084	07/23/25		22600514	101282	P	08/15/25	10152060	620128	JANITORIAL SUPPLIES	22.51
	INVOICE: 83386884										
	VENDOR TOTALS		56,478.83 YTD INVOICED						8,089.02 YTD PAID		22.51
10221	BERTHA WHITE										
	214117	07/31/25		22600582	101283	P	08/15/25	10110006	460129	CONTRACT INSTRUCTORS	130.00
	INVOICE: 214117										
	VENDOR TOTALS		1,300.00 YTD INVOICED						130.00 YTD PAID		130.00
380	WYMORE, INC.										
	214085	07/22/25		22600449	101284	P	08/15/25	60496400	630115	OUTSIDE MAINTENANCE	3,530.94
	INVOICE: 1241248										
	VENDOR TOTALS		28,601.12 YTD INVOICED						4,307.50 YTD PAID		3,530.94
										REPORT TOTALS	1,668,123.65

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	109	1,668,123.65

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
7897	360 BUSINESS PRODUCTS									
	214179	07/24/25		22600624	101285	P	08/22/25	10118010 620101	OFFICE SUPPLIES	35.05
	INVOICE:	OE-68640-1								
	214180	08/08/25		22600689	101285	P	08/22/25	10115010 620101	OFFICE SUPPLIES	441.63
	INVOICE:	WO-48026-1								
	214289	08/15/25		22600829	101285	P	08/22/25	10119010 620103	PRINTING	841.75
	INVOICE:	WO-48095-1								
	214290	08/14/25		22600829	101285	P	08/22/25	10115010 620101	OFFICE SUPPLIES	342.44
	INVOICE:	WO-48076-1								
	VENDOR TOTALS		90,148.30 YTD INVOICED					5,249.06 YTD PAID		1,660.87
9324	ACE HARDWARE CORPORATION									
	214183	07/25/25		22600618	101286	P	08/22/25	50195110 620131	PAINTING SUPPLIES	50.81
	INVOICE:	I73897								
	214184	07/22/25		22600623	101286	P	08/22/25	10118010 620130	MAINTENANCE SUPPLIES	11.02
	INVOICE:	I72874								
	214185	07/30/25		22600623	101286	P	08/22/25	10118010 630101	BUILDING MAINT.	67.63
	INVOICE:	I89842								
	214186	05/20/25		22509156	101286	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	4.87
	INVOICE:	I44315								
	214187	03/18/25		22509156	101286	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	75.92
	INVOICE:	I21620								
	214188	07/07/25		22600376	101286	P	08/22/25	60496400 630114	PARTS	31.98
	INVOICE:	I64204								
	VENDOR TOTALS		38,491.18 YTD INVOICED					3,918.60 YTD PAID		242.23
9455	ALL VALLEY FENCE & MATERIALS									
	214189	07/30/25		22600628	101287	P	08/22/25	10118010 630101	BUILDING MAINT.	194.55
	INVOICE:	25-2202								
	VENDOR TOTALS		10,110.42 YTD INVOICED					737.22 YTD PAID		194.55
10007	AMAZON CAPITAL SERVICES, INC.									
	214190	08/06/25		22600577	101288	P	08/22/25	10113040 630109	COMPUTER EQUIP. MAINT.	352.90
	INVOICE:	1FDT-K9P4-D1MT								
	214191	08/08/25		22600595	101288	P	08/22/25	10162010 610129	OTHER EXPENSE	108.24
	INVOICE:	14TV-4KCP-7VXM								
	214192	07/22/25		22600595	101288	P	08/22/25	10162010 610129	OTHER EXPENSE	102.80
	INVOICE:	1VG9-MKDR-PPMX								
	214291	07/21/25		22600669	101288	P	08/22/25	10131010 620105	COMPUTER SUPPLIES	162.72
	INVOICE:	1DNT-Q7TQ-K769								
	214291	07/21/25		22600669	101288	P	08/22/25	50195160 620105	COMPUTER SUPPLIES	162.72
	INVOICE:	1DNT-Q7TQ-K769								
	214291	07/21/25		22600669	101288	P	08/22/25	50295280 620105	COMPUTER SUPPLIES	162.73
	INVOICE:	1DNT-Q7TQ-K769								
	214292	07/22/25		22600669	101288	P	08/22/25	10131010 620109	FIRST AID SUPPLIES	28.62
	INVOICE:	1LYC-YJTC-TNR7								
	214292	07/22/25		22600669	101288	P	08/22/25	50195160 620109	FIRST AID SUPPLIES	28.62
	INVOICE:	1LYC-YJTC-TNR7								

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214292	07/22/25		22600669	101288	P	08/22/25	50295280 620109	FIRST AID SUPPLIES	28.63
	INVOICE:	1LYC-YJTC-TNR7								
	214293	08/01/25		22600669	101288	P	08/22/25	50195160 610129	OTHER EXPENSE	18.91
	INVOICE:	1PPN-XVJ4-KN3W								
	214293	08/01/25		22600669	101288	P	08/22/25	50295280 610129	OTHER EXPENSE	18.91
	INVOICE:	1PPN-XVJ4-KN3W								
	214294	07/23/25		22600670	101288	P	08/22/25	10131010 610129	OTHER EXPENSE	43.29
	INVOICE:	13YN-GKV4-6TPX								
	214294	07/23/25		22600670	101288	P	08/22/25	50195160 610129	OTHER EXPENSE	43.29
	INVOICE:	13YN-GKV4-6TPX								
	214294	07/23/25		22600670	101288	P	08/22/25	50295280 610129	OTHER EXPENSE	43.31
	INVOICE:	13YN-GKV4-6TPX								
	214295	07/25/25		22600670	101288	P	08/22/25	10131010 610129	OTHER EXPENSE	61.70
	INVOICE:	17MX-KMM3-NDK9								
	214295	07/25/25		22600670	101288	P	08/22/25	50195160 610129	OTHER EXPENSE	61.70
	INVOICE:	17MX-KMM3-NDK9								
	214295	07/25/25		22600670	101288	P	08/22/25	50295280 610129	OTHER EXPENSE	61.70
	INVOICE:	17MX-KMM3-NDK9								
	214326	07/05/25		22600803	101288	P	08/22/25	50195110 620101	OFFICE SUPPLIES	562.70
	INVOICE:	1PC1-9TGQ-WND7								
	214327	07/06/25		22600803	101288	P	08/22/25	50195110 620101	OFFICE SUPPLIES	42.15
	INVOICE:	1MPH-KW99-3QYF								
	214328	08/04/25			101288	P	08/22/25	50195110 620101	OFFICE SUPPLIES	-43.13
	INVOICE:	1TWJ-K9KR-LY9H								
	214329	08/11/25			101288	P	08/22/25	50195110 620101	OFFICE SUPPLIES	-42.15
	INVOICE:	1RPC-1PG9-C7QW								
	VENDOR TOTALS		61,337.65 YTD INVOICED						15,563.03 YTD PAID	2,010.36
8105	ARAG LLC									
	214412	08/22/25	1586		101289	P	08/22/25	101 201217	OTHER PAYROLL DEDUCTIONS	613.26
	INVOICE:	214412								
	VENDOR TOTALS		7,201.67 YTD INVOICED						613.26 YTD PAID	613.26
6249	AT&T									
	214193	07/12/25		22600683	101290	P	08/22/25	10111020 610103	TELEPHONE	31.58
	INVOICE:	000023752123								
	214193	07/12/25		22600683	101290	P	08/22/25	10113010 610103	TELEPHONE	61.63
	INVOICE:	000023752123								
	214193	07/12/25		22600683	101290	P	08/22/25	10115010 610103	TELEPHONE	63.16
	INVOICE:	000023752123								
	214193	07/12/25		22600683	101290	P	08/22/25	10119010 610103	TELEPHONE	61.61
	INVOICE:	000023752123								
	214193	07/12/25		22600683	101290	P	08/22/25	10121010 610103	TELEPHONE	31.58
	INVOICE:	000023752123								
	214193	07/12/25		22600683	101290	P	08/22/25	10121020 610103	TELEPHONE	31.58
	INVOICE:	000023752123								
	214193	07/12/25		22600683	101290	P	08/22/25	10123010 610103	TELEPHONE	836.17
	INVOICE:	000023752123								
	214193	07/12/25		22600683	101290	P	08/22/25	10132010 610103	TELEPHONE	221.06

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
		INVOICE: 000023752123									
214193		07/12/25		22600683		101290	P	08/22/25	10144010 610103	TELEPHONE	31.58
		INVOICE: 000023752123									
214193		07/12/25		22600683		101290	P	08/22/25	10152010 610103	TELEPHONE	126.32
		INVOICE: 000023752123									
214193		07/12/25		22600683		101290	P	08/22/25	10152020 610103	TELEPHONE	31.58
		INVOICE: 000023752123									
214193		07/12/25		22600683		101290	P	08/22/25	10152110 610103	TELEPHONE	58.30
		INVOICE: 000023752123									
214193		07/12/25		22600683		101290	P	08/22/25	10162010 610103	TELEPHONE	63.16
		INVOICE: 000023752123									
214193		07/12/25		22600683		101290	P	08/22/25	50195110 610103	TELEPHONE	83.29
		INVOICE: 000023752123									
214194		07/15/25		22600684		101290	P	08/22/25	10111010 610103	TELEPHONE	32.38
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10112010 610103	TELEPHONE	32.23
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10113010 610103	TELEPHONE	69.83
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10114010 610103	TELEPHONE	32.23
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10118010 610103	TELEPHONE	37.45
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10119010 610103	TELEPHONE	419.21
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10121010 610103	TELEPHONE	849.23
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10121020 610103	TELEPHONE	170.11
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10123010 610103	TELEPHONE	530.57
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10131010 610103	TELEPHONE	279.33
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10141010 610103	TELEPHONE	32.23
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10143010 610103	TELEPHONE	96.06
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10151010 610103	TELEPHONE	247.01
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10152020 610103	TELEPHONE	180.28
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10152030 610103	TELEPHONE	32.23
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10152050 610103	TELEPHONE	32.23
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10152060 610103	TELEPHONE	37.09
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10152110 610103	TELEPHONE	74.90
		INVOICE: 000023785034									
214194		07/15/25		22600684		101290	P	08/22/25	10153010 610103	TELEPHONE	64.61
		INVOICE: 000023785034									

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214194	07/15/25		22600684	101290	P	08/22/25	10162010	610103	TELEPHONE	595.30
	INVOICE: 000023785034										
	214194	07/15/25		22600684	101290	P	08/22/25	50195100	610103	TELEPHONE	32.23
	INVOICE: 000023785034										
	214194	07/15/25		22600684	101290	P	08/22/25	50195110	610103	TELEPHONE	268.50
	INVOICE: 000023785034										
	214194	07/15/25		22600684	101290	P	08/22/25	50195120	610103	TELEPHONE	32.23
	INVOICE: 000023785034										
	214194	07/15/25		22600684	101290	P	08/22/25	50295210	610103	TELEPHONE	261.98
	INVOICE: 000023785034										
	VENDOR TOTALS		140,308.37 YTD INVOICED						17,048.82 YTD PAID		6,172.05
6266	AT&T MOBILITY										
	214338	08/03/25		22600766	101291	P	08/22/25	10123010	610103	TELEPHONE	1,106.49
	INVOICE: 287312326813X081125										
	VENDOR TOTALS		72,135.31 YTD INVOICED						9,458.10 YTD PAID		1,106.49
9525	AUTO SHOP										
	214195	08/11/25		22600676	101292	P	08/22/25	10141010	610129	OTHER EXPENSE	70.00
	INVOICE: 028698										
	VENDOR TOTALS		735.00 YTD INVOICED						175.00 YTD PAID		70.00
4170	AUTOZONE, INC.										
	214196	07/17/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	790.67
	INVOICE: 2803838603										
	214197	07/24/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	31.21
	INVOICE: 2803846988										
	214198	07/24/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	11.02
	INVOICE: 2803843341										
	214199	07/17/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	372.82
	INVOICE: 2803838836										
	214200	07/14/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	158.30
	INVOICE: 2803834637										
	214201	07/16/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	36.85
	INVOICE: 2803837340										
	214202	07/16/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	99.03
	INVOICE: 2803837348										
	214203	07/16/25		22600418	101293	P	08/22/25	60496400	630113	TIRES & BATTERIES	206.58
	INVOICE: 2803837381										
	214204	07/17/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	212.84
	INVOICE: 2803838588										
	214205	07/17/25		22600418	101293	P	08/22/25	60496400	630114	PARTS	622.89
	INVOICE: 2803838642										
	214206	07/15/25			101293	P	08/22/25	60496400	630114	PARTS	-158.30
	INVOICE: 2803836318										
	214207	07/17/25			101293	P	08/22/25	60496400	630114	PARTS	-212.84
	INVOICE: 2803838591										
	214208	07/01/25			101293	P	08/22/25	60496400	630114	PARTS	-284.31

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 2803817754									
	VENDOR TOTALS		36,010.82 YTD INVOICED				4,827.54 YTD PAID			1,886.76
9858	AVIAT U.S., INC.									
	214296	07/11/25		22600655	101294	P	08/22/25	41221010 750004	POLICE STATION (PD)	6,561.03
	INVOICE: 10072650									
	214297	07/04/25		22600656	101294	P	08/22/25	41221010 750004	POLICE STATION (PD)	31,803.09
	INVOICE: 10072587									
	VENDOR TOTALS		.00 YTD INVOICED				41,070.98 YTD PAID			38,364.12
9668	AVIDEX INDUSTRIES, LLC									
	214298	07/25/25		22600770	101295	P	08/22/25	10111010 610129	OTHER EXPENSE	1,620.00
	INVOICE: 151351									
	VENDOR TOTALS		540.00 YTD INVOICED				1,620.00 YTD PAID			1,620.00
9471	AZTEC ENGINEERING CALIFORNIA, INC.									
	214299	08/06/25		22509206	101296	P	08/22/25	205 300100	FB RESRVD FOR ENCUMBRANCE	440.00
	INVOICE: 18060312									
	VENDOR TOTALS		163,369.46 YTD INVOICED				63,280.89 YTD PAID			440.00
10573	B&H PHOTO VIDEO									
	214209	07/23/25		22600259	101297	P	08/22/25	10112010 720106	FIELD EQUIPMENT	8,828.17
	INVOICE: 235941901									
	VENDOR TOTALS		.00 YTD INVOICED				8,828.17 YTD PAID			8,828.17
4922	BAKER & TAYLOR									
	214210	07/24/25		22600564	101298	P	08/22/25	10153010 610107	BOOKS & PERIODICALS	18.38
	INVOICE: 2039199240									
	214211	07/24/25		22600564	101298	P	08/22/25	10153010 610107	BOOKS & PERIODICALS	153.52
	INVOICE: 2039199241									
	VENDOR TOTALS		39,614.83 YTD INVOICED				2,131.18 YTD PAID			171.90
1493	BAKER DISTRIBUTING COMPANY, LLC									
	214212	07/17/25		22600632	101299	P	08/22/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	7,065.34
	INVOICE: FW58831									
	VENDOR TOTALS		67,195.09 YTD INVOICED				15,793.07 YTD PAID			7,065.34
10008	BALFOUR BEATTY CONSTRUCTION LLC									
	214300	07/31/25		22600654	101300	P	08/22/25	41221010 710105	BUILDINGS	59,567.00
	INVOICE: 024									
	VENDOR TOTALS		811,828.50 YTD INVOICED				59,567.00 YTD PAID			59,567.00
5875	BEJARANO'S PORTABLE WELDING									

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214213	07/31/25		22600631	101301	P	08/22/25	50195110 630111	OTHER FACILITY MAINT.	575.00
	INVOICE: 049									
	VENDOR TOTALS		99,900.00 YTD INVOICED					7,325.00 YTD PAID		575.00
9931	BRAWLEY ANALYTICAL, INC.									
	214214	07/31/25		22600649	101302	P	08/22/25	50295210 620137	LAB TESTS & SUPPLIES	444.50
	INVOICE: 001319									
	214215	08/04/25		22600649	101302	P	08/22/25	50295210 620137	LAB TESTS & SUPPLIES	334.50
	INVOICE: 001334									
	VENDOR TOTALS		91,461.25 YTD INVOICED					13,167.50 YTD PAID		779.00
6276	C R & R									
	214216	08/01/25		22600592	101303	P	08/22/25	10118020 630101	BUILDING MAINT.	632.42
	INVOICE: 000455524									
	VENDOR TOTALS		2,318,354.85 YTD INVOICED					197,518.10 YTD PAID		632.42
1456	CA. ASSOC. FOR LOCAL ECONOMIC DEVELOPMENT									
	214217	11/17/24		22509197	101304	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	800.00
	INVOICE: 300005912									
	VENDOR TOTALS		.00 YTD INVOICED					800.00 YTD PAID		800.00
5783	CALTEST ANALYTICAL LABORATORY									
	214218	07/28/25		22600637	101305	P	08/22/25	50295210 620137	LAB TESTS & SUPPLIES	82.00
	INVOICE: 731945									
	VENDOR TOTALS		6,046.50 YTD INVOICED					443.00 YTD PAID		82.00
1167	MANUELA CARRILLO									
	214410	08/22/25 1584			101306	P	08/22/25	101 201217	OTHER PAYROLL DEDUCTIONS	222.50
	INVOICE: 214410									
	VENDOR TOTALS		5,340.00 YTD INVOICED					445.00 YTD PAID		222.50
8607	COMMERCIAL AVENUE TRUCK & TRAILER PARTS, INC.									
	214220	06/18/25		22509133	101307	P	08/22/25	604 300100	FB RESRVD FOR ENCUMBRANCE	247.71
	INVOICE: COM1-304849									
	214221	06/25/25		22509133	101307	P	08/22/25	604 300100	FB RESRVD FOR ENCUMBRANCE	2,108.83
	INVOICE: COM1-307528									
	214330	07/02/25		22600622	101307	P	08/22/25	60496400 630115	OUTSIDE MAINTENANCE	2,963.86
	INVOICE: COM1-309743									
	VENDOR TOTALS		901.70 YTD INVOICED					5,320.40 YTD PAID		5,320.40
69	CONTROL PARTS & ELECTRICAL SUPPLIES, INC.									
	214222	07/30/25		22600636	101308	P	08/22/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	422.18
	INVOICE: 202508608									

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	5,976.61 YTD INVOICED							422.18 YTD PAID		422.18
2470	COUNTY OF SAN DIEGO, RCS										
	214302	08/01/25		22600660	101309	P	08/22/25	10118010	630107	COMMUNICATION EQUIPMENT M	305.00
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	10131010	630107	COMMUNICATION EQUIPMENT M	10.16
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	10132010	630107	COMMUNICATION EQUIPMENT M	396.50
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	10143010	630107	COMMUNICATION EQUIPMENT M	122.00
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	50195100	630107	COMUNICATION EQUIP PMAINT	183.00
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	50195110	630107	COMMUNICATION EQUIPMENT M	122.00
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	50195160	630107	COMMUNICATION EQUIPMENT M	10.16
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	50295200	630107	COMMUNICATION EQUIPMENT M	183.02
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	50295210	630107	COMMUNICATION EQUIPMENT M	396.50
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	50295280	630107	COMMUNICATION EQUIPMENT M	10.16
	INVOICE:	26ELCNPWN01									
	214302	08/01/25		22600660	101309	P	08/22/25	60496400	630107	COMMUNICATION EQUIPMENT M	91.50
	INVOICE:	26ELCNPWN01									
	VENDOR TOTALS	95,946.50 YTD INVOICED							13,741.50 YTD PAID		1,830.00
10150	DAY WIRELESS SYSTEMS										
	214339	05/29/25		22509212	101310	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	170.00
	INVOICE:	INV875679									
	VENDOR TOTALS	79,759.00 YTD INVOICED							1,275.00 YTD PAID		170.00
3211	DELL MARKETING L.P.										
	214303	08/13/25		22600431	101311	P	08/22/25	10143010	720101	OFFICE MACHINES	2,780.77
	INVOICE:	10830609043									
	214304	08/08/25		22600431	101311	P	08/22/25	10143010	720101	OFFICE MACHINES	414.79
	INVOICE:	10829794310									
	214402	08/07/25		22600431	101311	P	08/22/25	10143010	720101	OFFICE MACHINES	153.64
	INVOICE:	10829654634									
	VENDOR TOTALS	134,603.21 YTD INVOICED							5,689.83 YTD PAID		3,349.20
669	DETROIT INDUSTRIAL TOOL										
	214306	06/25/25		22509153	101312	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	826.45
	INVOICE:	1024134									
	VENDOR TOTALS	1,714.21 YTD INVOICED							826.45 YTD PAID		826.45

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
8100	EA ELECTRIC										
	214225	07/24/25		22600617	101313	P	08/22/25	50195110	630111	OTHER FACILITY MAINT.	2,235.00
	INVOICE: INV299										
	214332	08/03/25		22600797	101313	P	08/22/25	50195110	630111	OTHER FACILITY MAINT.	6,342.00
	INVOICE: INV303										
	214333	08/03/25		22600797	101313	P	08/22/25	50195110	630111	OTHER FACILITY MAINT.	3,345.00
	INVOICE: INV304										
	VENDOR TOTALS		68,318.37 YTD INVOICED						37,147.00 YTD PAID		11,922.00
391	EAGLEBURGMANN INDUSTRIES LP										
	214223	08/28/24		22509164	101314	P	08/22/25	502	300100	FB RESRVD FOR ENCUMBRANCE	6,304.19
	INVOICE: 9201698166										
	VENDOR TOTALS		.00 YTD INVOICED						6,304.19 YTD PAID		6,304.19
10592	ETHERIDGE, MARLENA D.										
	214399	08/20/25			101315	P	08/22/25	504	104001	ACCOUNTS RECEIVABLE	15.28
	INVOICE: 214399										
	214399	08/20/25			101315	P	08/22/25	504	104001	ACCOUNTS RECEIVABLE	15.28
	INVOICE: 214399										
	214399	08/20/25			101315	P	08/22/25	504	104001	ACCOUNTS RECEIVABLE	15.28
	INVOICE: 214399										
	214399	08/20/25			101315	P	08/22/25	504	104001	ACCOUNTS RECEIVABLE	15.28
	INVOICE: 214399										
	214399	08/20/25			101315	P	08/22/25	504	104001	ACCOUNTS RECEIVABLE	15.63
	INVOICE: 214399										
	VENDOR TOTALS		.00 YTD INVOICED						76.75 YTD PAID		76.75
247	FEDEX										
	214226	08/01/25		22600633	101316	P	08/22/25	50195110	620137	LAB TESTS & SUPPLIES	162.91
	INVOICE: 8-942-57603										
	214407	08/15/25		22600875	101316	P	08/22/25	10113010	620102	POSTAGE	47.18
	INVOICE: 8-956-58933										
	VENDOR TOTALS		9,779.16 YTD INVOICED						625.79 YTD PAID		210.09
8069	FERNANDO RUIZ, INC.										
	214227	08/01/25		22600630	101317	P	08/22/25	50195110	610113	PROFESSIONAL FEES (O)	660.00
	INVOICE: 170994										
	VENDOR TOTALS		20,055.00 YTD INVOICED						1,650.00 YTD PAID		660.00
1459	FIRE ETC										
	214228	05/19/25		22508147	101318	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	2,227.30
	INVOICE: 198679										
	VENDOR TOTALS		4,198.39 YTD INVOICED						2,707.78 YTD PAID		2,227.30
202	FIRST IMPERIAL CREDIT UNION										

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214408	08/22/25	1582		101319	P	08/22/25	101	201207	POLICE OFFICERS ASSN	2,940.00
	INVOICE: 214408										
	VENDOR TOTALS		63,960.00 YTD INVOICED						5,880.00 YTD PAID		2,940.00
9862	FOSTER & FOSTER, INC.										
	214406	05/20/25		22509238	101320	P	08/22/25	602	300100	FB RESRVD FOR ENCUMBRANCE	24,250.00
	INVOICE: 36227										
	VENDOR TOTALS		1,700.00 YTD INVOICED						24,250.00 YTD PAID		24,250.00
4317	FRUTH GROUP INC.										
	214229	08/01/25		22600653	101321	P	08/22/25	10118010	630106	OFFICE MACHINES MAINT	72.19
	INVOICE: 750620										
	214230	08/01/25		22600691	101321	P	08/22/25	10115010	620103	PRINTING	73.71
	INVOICE: 750619										
	214231	08/01/25		22600691	101321	P	08/22/25	10119010	620103	PRINTING	75.16
	INVOICE: 750618										
	214232	07/25/25		22600641	101321	P	08/22/25	10143010	620103	PRINTING	115.76
	INVOICE: 749850/ENG										
	214307	08/01/25		22600662	101321	P	08/22/25	10131010	620103	PRINTING	9.83
	INVOICE: 750622										
	214307	08/01/25		22600662	101321	P	08/22/25	50195160	620103	PRINTING	9.83
	INVOICE: 750622										
	214307	08/01/25		22600662	101321	P	08/22/25	50295280	620103	PRINTING	9.83
	INVOICE: 750622										
	214334	07/25/25		22600799	101321	P	08/22/25	50195110	630106	OFFICE MACHINES MAINT.	36.19
	INVOICE: 749849										
	214387	08/07/25		22600196	101321	P	08/22/25	10119010	720101	OFFICE MACHINES	15,076.75
	INVOICE: 752580										
	VENDOR TOTALS		74,718.99 YTD INVOICED						32,587.85 YTD PAID		15,479.25
10131	OSCAR GARNICA										
	214341	07/28/25		22600699	101322	P	08/22/25	10121050	610123	TRAINING	479.50
	INVOICE: 214341										
	VENDOR TOTALS		1,370.50 YTD INVOICED						479.50 YTD PAID		479.50
121	GIO'S MOBILE HOME ESTATES										
	214234	07/14/25		22600688	101323	P	08/22/25	50295210	610101	ELECTRICITY	39.29
	INVOICE: 98700300/AUG2025										
	VENDOR TOTALS		484.58 YTD INVOICED						39.29 YTD PAID		39.29
6311	GLOBAL POWER GROUP, INC.										
	214340	06/24/25		22509211	101324	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	718.25
	INVOICE: 104924										
	VENDOR TOTALS		5,583.16 YTD INVOICED						718.25 YTD PAID		718.25

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
5925	GRAINGER									
	214235	07/31/25		22600651	101325	P	08/22/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	339.95
	INVOICE:	9592662762								
	VENDOR TOTALS		698.29	YTD INVOICED				339.95	YTD PAID	339.95
10172	ANDREW HEATH									
	214405	08/20/25		22600880	101326	P	08/22/25	10115010 610113	PROFESSIONAL FEES (O)	7,437.50
	INVOICE:	25-17								
	VENDOR TOTALS		151,725.00	YTD INVOICED				12,250.00	YTD PAID	7,437.50
2170	HELIX LABORATORIES, INC.									
	214237	07/21/25		22600650	101327	P	08/22/25	50295210 620136	TREATMENT CHEMICALS	6,243.70
	INVOICE:	91596								
	VENDOR TOTALS		119,292.55	YTD INVOICED				8,536.93	YTD PAID	6,243.70
1673	HINDERLITER DE LLAMAS & ASSOC.									
	214238	07/31/25		22600696	101328	P	08/22/25	10119010 610113	PROFESSIONAL FEES (O)	150.00
	INVOICE:	SIN053172								
	VENDOR TOTALS		8,393.14	YTD INVOICED				3,558.59	YTD PAID	150.00
4982	HOME DEPOT									
	214308	08/06/25		22600591	101329	P	08/22/25	10123010 630101	BUILDING MAINT.	117.19
	INVOICE:	3900403								
	214309	07/23/25		22600506	101329	P	08/22/25	10118020 630101	BUILDING MAINT.	258.94
	INVOICE:	7903692								
	214310	07/24/25		22600634	101329	P	08/22/25	50295210 630101	BUILDING MAINT.	23.44
	INVOICE:	6903813								
	214311	07/29/25		22600598	101329	P	08/22/25	10162020 620131	PAINTING SUPPLIES	49.96
	INVOICE:	1904400								
	214312	07/17/25		22600600	101329	P	08/22/25	10153010 620101	OFFICE SUPPLIES	86.38
	INVOICE:	3903082								
	214313	07/29/25		22600615	101329	P	08/22/25	50195110 620140	SMALL TOOLS	25.48
	INVOICE:	1904304								
	214335	08/08/25		22600794	101329	P	08/22/25	50195110 620130	MAINTENANCE SUPPLIES	106.59
	INVOICE:	1900705								
	214342	07/30/25		22600642	101329	P	08/22/25	10118010 630115	OUTSIDE MAINTENANCE	219.86
	INVOICE:	904482								
	214343	07/31/25		22600642	101329	P	08/22/25	10118010 620130	MAINTENANCE SUPPLIES	20.65
	INVOICE:	9904672								
	214344	07/30/25		22600642	101329	P	08/22/25	10118010 630101	BUILDING MAINT.	80.46
	INVOICE:	904595								
	214388	05/15/25		22506362	101329	P	08/22/25	501 300100	FB RESRVD FOR ENCUMBRANCE	75.19
	INVOICE:	6900580								
	VENDOR TOTALS		104,591.54	YTD INVOICED				7,441.55	YTD PAID	1,064.14
205	IMPERIAL CO SHERIFF'S DEPT.									

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214409	08/22/25	1583		101330	P	08/22/25	101	201217	OTHER PAYROLL DEDUCTIONS	50.00
	INVOICE: 214409										
	VENDOR TOTALS		88,300.00 YTD INVOICED						100.00 YTD PAID		50.00
145	IMPERIAL IRRIGATION DIST										
	214239	05/06/25		22509201	101331	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	12,660.00
	INVOICE: 3034482/MARCH2025										
	VENDOR TOTALS		2,686,836.53 YTD INVOICED						212,291.53 YTD PAID		12,660.00
146	IMPERIAL PRINTERS										
	214240	07/21/25		22600687	101332	P	08/22/25	10119010	620103	PRINTING	2,219.13
	INVOICE: 25-2030										
	214345	06/19/25		22509207	101332	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	796.04
	INVOICE: 25-1769										
	214398	07/21/25		22509234	101332	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	92.21
	INVOICE: 25-2017										
	VENDOR TOTALS		13,120.90 YTD INVOICED						5,072.76 YTD PAID		3,107.38
149	IMPERIAL VALLEY PAINT CENTER										
	214241	07/23/25		22600614	101333	P	08/22/25	50195110	620131	PAINTING SUPPLIES	103.76
	INVOICE: 403482B										
	VENDOR TOTALS		835.69 YTD INVOICED						904.32 YTD PAID		103.76
9814	IMPERIAL VALLEY CHEVROLET BUICK GMC CADILLAC										
	214346	07/08/25		22600375	101334	P	08/22/25	60496400	630114	PARTS	285.04
	INVOICE: 717634GM										
	VENDOR TOTALS		86,744.19 YTD INVOICED						1,500.53 YTD PAID		285.04
607	IMPERIAL VALLEY PRESS										
	214242	08/13/25		22600644	101335	P	08/22/25	10143010	610107	BOOKS & PERIODICALS	203.88
	INVOICE: 210476/FY2026										
	VENDOR TOTALS		29,758.98 YTD INVOICED						3,103.37 YTD PAID		203.88
10570	BROOKE JAUREGUI										
	214365	05/07/25		22509217	101336	P	08/22/25	10110006	460115	SWIMMING POOL FEES	450.00
	INVOICE: 86309374										
	VENDOR TOTALS		.00 YTD INVOICED						450.00 YTD PAID		450.00
5876	JCG TECHNOLOGIES										
	214243	08/01/25		22600675	101337	P	08/22/25	10111020	610113	PROFESSIONAL FEES (O)	950.00
	INVOICE: 10058										
	VENDOR TOTALS		.00 YTD INVOICED						950.00 YTD PAID		950.00

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
821	JCI JONES CHEMICALS, INC.									
	214347	08/08/25		22600795	101338	P	08/22/25	50195110 620136	TREATMENT CHEMICALS	10,187.83
	INVOICE: 975746									
	VENDOR TOTALS		235,853.62 YTD INVOICED					30,210.38 YTD PAID		10,187.83
163	JIM REITER'S LOCKSMITH AND SAFE INC.									
	214244	07/22/25		22600433	101339	P	08/22/25	60496400 630114	PARTS	45.47
	INVOICE: 278591									
	VENDOR TOTALS		745.32 YTD INVOICED					53.05 YTD PAID		45.47
10589	JONES MAYER									
	214251	05/31/25		22600748	101340	P	08/22/25	10119010 610113	PROFESSIONAL FEES (O)	1,995.00
	INVOICE: 129758									
	VENDOR TOTALS		.00 YTD INVOICED					1,995.00 YTD PAID		1,995.00
1353	KIMBALL MIDWEST									
	214245	07/08/25		22600424	101341	P	08/22/25	60496400 610129	OTHER EXPENSE	374.64
	INVOICE: 103537492									
	VENDOR TOTALS		3,907.28 YTD INVOICED					374.64 YTD PAID		374.64
4406	LABRUCHERIE IRRIGATION SUPPLY									
	214246	04/02/25		22509203	101342	P	08/22/25	501 300100	FB RESRVD FOR ENCUMBRANCE	62.11
	INVOICE: 300783C									
	214247	05/01/25		22509203	101342	P	08/22/25	501 300100	FB RESRVD FOR ENCUMBRANCE	249.03
	INVOICE: 302414C									
	214248	04/28/25		22509185	101342	P	08/22/25	502 300100	FB RESRVD FOR ENCUMBRANCE	275.50
	INVOICE: 302173C									
	VENDOR TOTALS		123,870.08 YTD INVOICED					15,674.98 YTD PAID		586.64
2790	LANDMARK CONSULTANTS, INC.									
	214315	07/22/25		22600639	101343	P	08/22/25	41221010 750004	POLICE STATION (PD)	1,680.00
	INVOICE: LE0825-18									
	VENDOR TOTALS		90,690.00 YTD INVOICED					5,040.00 YTD PAID		1,680.00
265	LEE TIRE CO.									
	214249	07/18/25		22600423	101344	P	08/22/25	60496400 630115	OUTSIDE MAINTENANCE	100.00
	INVOICE: 406376									
	VENDOR TOTALS		1,163.71 YTD INVOICED					190.00 YTD PAID		100.00
10571	VICTOR LEON JR.									
	214250	08/01/25		22600374	101345	P	08/22/25	60496400 620112	PROTECTIVE CLOTHING	300.00
	INVOICE: 214250									

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		.00 YTD INVOICED		300.00 YTD PAID					300.00
276	MCNEECE BROS. OIL CO. INC.									
	214316	07/31/25		22600668	101346	P	08/22/25	10118010	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	10131010	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	10132010	630112 GASOLINE & OIL	5.52
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	10143010	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	50195100	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	50195110	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	50195160	630112 GASOLINE & OIL	5.52
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	50295200	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	50295210	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	50295250	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	50295280	630112 GASOLINE & OIL	5.50
	INVOICE: 1042/7-31-25									
	214316	07/31/25		22600668	101346	P	08/22/25	60496400	630112 GASOLINE & OIL	16.55
	INVOICE: 1042/7-31-25									
	214317	07/31/25		22600667	101346	P	08/22/25	10118010	630112 GASOLINE & OIL	1,050.19
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	10131010	630112 GASOLINE & OIL	70.57
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	10132010	630112 GASOLINE & OIL	2,913.31
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	10143010	630112 GASOLINE & OIL	155.64
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	50195100	630112 GASOLINE & OIL	1,397.94
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	50195110	630112 GASOLINE & OIL	2,366.76
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	50195160	630112 GASOLINE & OIL	70.57
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	50295200	630112 GASOLINE & OIL	1,397.94
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	50295210	630112 GASOLINE & OIL	887.16
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	50295250	630112 GASOLINE & OIL	148.15
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	50295280	630112 GASOLINE & OIL	70.58
	INVOICE: 918684									
	214317	07/31/25		22600667	101346	P	08/22/25	60496400	630112 GASOLINE & OIL	487.66

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 918684										
	214348	07/31/25		22600707	101346	P	08/22/25	10121010	630112	GASOLINE & OIL	15,007.97
	INVOICE: 918713										
	214348	07/31/25		22600707	101346	P	08/22/25	10121030	630112	GASOLINE & OIL	436.24
	INVOICE: 918713										
	214401	06/30/25		22600840	101346	P	08/22/25	10121010	630112	GASOLINE & OIL	13,819.18
	INVOICE: 918090										
	214401	06/30/25		22600840	101346	P	08/22/25	10121030	630112	GASOLINE & OIL	454.66
	INVOICE: 918090										
	VENDOR TOTALS		430,662.98 YTD INVOICED						82,473.66 YTD PAID		40,900.01
9095	MECHANICS BANK										
	214413	08/22/25	1587		101347	P	08/22/25	101	201208	FIREFIGHTERS ASSOCIATION	1,460.00
	INVOICE: 214413										
	214413	08/22/25	1587		101347	P	08/22/25	101	201216	DISABILITY INSURANCE	210.07
	INVOICE: 214413										
	VENDOR TOTALS		37,978.15 YTD INVOICED						3,340.14 YTD PAID		1,670.07
9755	NATHAN MONTALVO										
	214351	07/28/25		22600700	101348	P	08/22/25	10121050	610123	TRAINING	479.50
	INVOICE: 214351										
	VENDOR TOTALS		676.00 YTD INVOICED						479.50 YTD PAID		479.50
6250	MOSS, LEVY & HARTZHEIM LLP										
	214252	07/31/25		22600772	101349	P	08/22/25	10115010	610128	AUDITING	45,578.00
	INVOICE: 17625										
	VENDOR TOTALS		73,752.00 YTD INVOICED						45,578.00 YTD PAID		45,578.00
2619	MOTOROLA SOLUTIONS, INC.										
	214350	06/23/25		22509208	101350	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,500.00
	INVOICE: 1411189317										
	214350	06/23/25		22509208	101350	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	290.56
	INVOICE: 1411189317										
	VENDOR TOTALS		135,763.06 YTD INVOICED						3,530.95 YTD PAID		1,790.56
3200	NAPA MOTOR PARTS										
	214253	07/29/25		22600635	101351	P	08/22/25	50295210	630108	FIELD/SHOP EQUIP. MAINT.	874.52
	INVOICE: 568538										
	VENDOR TOTALS		14,412.28 YTD INVOICED						874.52 YTD PAID		874.52
9816	NUSO, LLC										
	214254	08/12/25		22600563	101352	P	08/22/25	10153010	610103	TELEPHONE	232.56
	INVOICE: 131060809										

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		2,542.76 YTD INVOICED						468.54 YTD PAID		232.56
3700	ONE SOURCE DISTRIBUTORS INC										
	214255	07/21/25		22600619	101353	P	08/22/25	50195110	630120	WATER PUMPS MAINTENANCE	1,368.18
	INVOICE: S007978048.001										
	VENDOR TOTALS		3,282.14 YTD INVOICED						1,458.98 YTD PAID		1,368.18
3072	FRANK PACHECO										
	214256	05/07/25		22507587	101354	P	08/22/25	502	300100	FB RESRVD FOR ENCUMBRANCE	49.50
	INVOICE: 214256										
	VENDOR TOTALS		607.50 YTD INVOICED						49.50 YTD PAID		49.50
8013	PADRE USA										
	214257	06/30/25		22509161	101355	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	267.76
	INVOICE: 16032282										
	VENDOR TOTALS		25,174.27 YTD INVOICED						2,430.76 YTD PAID		267.76
3940	POLYDYNE, INC.										
	214320	05/05/25		22509202	101356	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	8,555.78
	INVOICE: 1925436.										
	214353	08/12/25		22600796	101356	P	08/22/25	50195110	620136	TREATMENT CHEMICALS	8,926.66
	INVOICE: 1952747										
	VENDOR TOTALS		148,563.43 YTD INVOICED						29,759.06 YTD PAID		17,482.44
3121	PRO RECORD STORAGE & SHRED INC										
	214259	08/01/25		22600645	101357	P	08/22/25	10143010	610129	OTHER EXPENSE	134.24
	INVOICE: 0032408										
	214260	08/01/25		22600690	101357	P	08/22/25	10115010	610129	OTHER EXPENSE	114.72
	INVOICE: 0032451										
	214318	08/01/25		22600646	101357	P	08/22/25	10131010	610113	PROFESSIONAL FEES (O)	28.14
	INVOICE: 0032412										
	214318	08/01/25		22600646	101357	P	08/22/25	50195160	610113	PROFESSIONAL FEES (O)	28.14
	INVOICE: 0032412										
	214318	08/01/25		22600646	101357	P	08/22/25	50295280	610113	PROFESSIONAL FEES (O)	28.14
	INVOICE: 0032412										
	VENDOR TOTALS		10,664.25 YTD INVOICED						1,113.84 YTD PAID		333.38
5865	PSOMAS										
	214354	08/11/25		22600798	101358	P	08/22/25	50195110	610113	PROFESSIONAL FEES (O)	315.00
	INVOICE: 224809										
	VENDOR TOTALS		48,367.92 YTD INVOICED						5,190.00 YTD PAID		315.00
2216	R & K AIR CONDITIONING										
	214261	04/18/25		22509196	101359	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	180.00

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 52849										
	VENDOR TOTALS		130.00 YTD INVOICED						180.00 YTD PAID		180.00
8791	RICK'S ROADRUNNER LOCK & SAFE										
	214262	06/09/25		22509157	101360	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	16.18
	INVOICE: 23465										
	214263	07/29/25		22600627	101360	P	08/22/25	10118010	620128	JANITORIAL SUPPLIES	15.15
	INVOICE: 23498										
	214355	07/14/25		22600638	101360	P	08/22/25	60496400	630101	BUILDING MAINT.	23.70
	INVOICE: 23489										
	VENDOR TOTALS		6,184.51 YTD INVOICED						1,598.87 YTD PAID		55.03
9017	ROVE ENGINEERING										
	214321	07/16/25		22509190	101361	P	08/22/25	502	300100	FB RESRVD FOR ENCUMBRANCE	1,221,393.15
	INVOICE: 7204										
	VENDOR TOTALS		5,576,483.76 YTD INVOICED						2,024,827.15 YTD PAID		1,221,393.15
9034	SCENTAIR TECHNOLOGIES, LLC										
	214264	08/01/25		22600652	101362	P	08/22/25	10118010	630101	BUILDING MAINT.	379.85
	INVOICE: IUS000304597										
	VENDOR TOTALS		4,934.74 YTD INVOICED						379.85 YTD PAID		379.85
330	SHERWIN WILLIAMS CO.										
	214265	06/25/25		22509154	101363	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	187.59
	INVOICE: 9617-7										
	VENDOR TOTALS		18,169.07 YTD INVOICED						670.58 YTD PAID		187.59
213	SOUTHERN CALIFORNIA GAS CO										
	214356	07/18/25		22600626	101364	P	08/22/25	60496400	610102	NATURAL GAS	17.24
	INVOICE: 05162691009/JULY2025										
	VENDOR TOTALS		106,539.45 YTD INVOICED						20,306.65 YTD PAID		17.24
1856	STANLEY ACCESS TECH INC.										
	214400	10/29/24		22509214	101365	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,839.51
	INVOICE: 0906864174										
	VENDOR TOTALS		.00 YTD INVOICED						1,839.51 YTD PAID		1,839.51
5990	STATE DISBURSEMENT UNIT										
	214411	08/22/25 1585			101366	P	08/22/25	101	201217	OTHER PAYROLL DEDUCTIONS	2,622.88
	INVOICE: 214411										
	VENDOR TOTALS		86,087.04 YTD INVOICED						5,245.76 YTD PAID		2,622.88
10497	SYSCO SAN DIEGO, INC.										

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214358	06/19/25		22509216	101367	P	08/22/25	10110006	460115	SWIMMING POOL FEES	199.25
	INVOICE: 436596707										
	VENDOR TOTALS		2,842.12 YTD INVOICED					2,557.80 YTD PAID			199.25
4062	TERMINIX OF IMPERIAL VALLEY										
	214266	08/01/25		22600597	101368	P	08/22/25	10118020	630101	BUILDING MAINT.	45.36
	INVOICE: 1154762										
	VENDOR TOTALS		6,091.12 YTD INVOICED					694.40 YTD PAID			45.36
5974	THATCHER COMPANY OF CALIFORNIA										
	214267	07/28/25		22600625	101369	P	08/22/25	50195110	620136	TREATMENT CHEMICALS	19,800.00
	INVOICE: 2025100110948										
	VENDOR TOTALS		25,567.00 YTD INVOICED					40,491.00 YTD PAID			19,800.00
400	THE HOLT GROUP, INC.										
	214359	07/31/25		22600802	101370	P	08/22/25	50195110	610113	PROFESSIONAL FEES (O)	12,500.00
	INVOICE: 25-07-005										
	VENDOR TOTALS		23,774.00 YTD INVOICED					17,836.00 YTD PAID			12,500.00
9734	GUILLERMO W. TORREZ										
	214360	06/12/25		22600709	101371	P	08/22/25	10121010	610106	ADVERTISING	5,000.00
	INVOICE: 0000171										
	VENDOR TOTALS		3,500.00 YTD INVOICED					5,000.00 YTD PAID			5,000.00
4123	U.S. BANK										
	214366	07/25/25		22600771	101372	P	08/22/25	21232510	640112	BANK CHARGES	4,675.00
	INVOICE: 7833208										
	VENDOR TOTALS		47,375.00 YTD INVOICED					4,675.00 YTD PAID			4,675.00
6289	U.S. BANK										
	214368	07/22/25		22600039	101373	P	08/22/25	10111020	620101	OFFICE SUPPLIES	74.18
	INVOICE: 01391591/7-22-25(6)										
	214369	07/22/25		22600616	101373	P	08/22/25	10118010	610109	MEETING AND TRAVEL	367.88
	INVOICE: 02867362/7-22-25										
	214369	07/22/25		22600616	101373	P	08/22/25	10118010	620130	MAINTENANCE SUPPLIES	144.50
	INVOICE: 02867362/7-22-25										
	214370	06/23/25		22509152	101373	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	17.31
	INVOICE: 01871943/6-23-25										
	214370	06/23/25		22509152	101373	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	12.99
	INVOICE: 01871943/6-23-25										
	214370	06/23/25		22509152	101373	P	08/22/25	502	300100	FB RESRVD FOR ENCUMBRANCE	12.99
	INVOICE: 01871943/6-23-25										
	214371	06/23/25		22509151	101373	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	363.86
	INVOICE: 01871943/6-23-25(1)										
	214371	06/23/25		22509151	101373	P	08/22/25	502	300100	FB RESRVD FOR ENCUMBRANCE	155.94

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
INVOICE: 01871943/6-23-25(1)									
214371	06/23/25		22509151	101373	P	08/22/25	604 300100	FB RESRVD FOR ENCUMBRANCE	103.96
INVOICE: 01871943/6-23-25(1)									
214372	07/22/25		22600574	101373	P	08/22/25	10153010 620101	OFFICE SUPPLIES	1,380.62
INVOICE: 66414846/7-22-25(1)									
214373	07/22/25		22600575	101373	P	08/22/25	10153010 610121	DUES & SUBSCRIPTIONS	210.00
INVOICE: 75926475/7-22-25									
214373	07/22/25		22600575	101373	P	08/22/25	10153010 620101	OFFICE SUPPLIES	42.75
INVOICE: 75926475/7-22-25									
214374	07/22/25			101373	P	08/22/25	10153010 610129	OTHER EXPENSE	-1,096.78
INVOICE: 75926475/CR7-22-25									
214375	07/22/25		22600483	101373	P	08/22/25	10153010 610107	BOOKS & PERIODICALS	6.80
INVOICE: 66414846/7-22-25(2)									
214375	07/22/25		22600483	101373	P	08/22/25	10153010 610121	DUES & SUBSCRIPTIONS	16.23
INVOICE: 66414846/7-22-25(2)									
214375	07/22/25		22600483	101373	P	08/22/25	10153010 610129	OTHER EXPENSE	56.33
INVOICE: 66414846/7-22-25(2)									
214375	07/22/25		22600483	101373	P	08/22/25	10153010 620101	OFFICE SUPPLIES	711.23
INVOICE: 66414846/7-22-25(2)									
214375	07/22/25		22600483	101373	P	08/22/25	10153010 620102	POSTAGE	219.00
INVOICE: 66414846/7-22-25(2)									
214375	07/22/25		22600483	101373	P	08/22/25	10153010 620128	JANITORIAL SUPPLIES	46.92
INVOICE: 66414846/7-22-25(2)									
214376	07/22/25		22600647	101373	P	08/22/25	10131010 610109	MEETING AND TRAVEL	291.82
INVOICE: 65370833/7-22-25									
214376	07/22/25		22600647	101373	P	08/22/25	50195160 610109	MEETING & TRAVEL	291.82
INVOICE: 65370833/7-22-25									
214376	07/22/25		22600647	101373	P	08/22/25	50295280 610109	MEETING & TRAVEL	291.82
INVOICE: 65370833/7-22-25									
214377	06/23/25		22509210	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	349.73
INVOICE: 76841137/6-23-25(2)									
214378	07/22/25		22600714	101373	P	08/22/25	10121010 620144	K-9 SUPPLIES	291.57
INVOICE: 52400957/7-22-25									
214379	07/22/25		22600706	101373	P	08/22/25	10121010 620144	K-9 SUPPLIES	95.00
INVOICE: 57116095/7-22-25									
214380	04/22/25		22507697	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	868.30
INVOICE: 74188200/4-22-25(6)									
214381	04/22/25		22507696	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	799.00
INVOICE: 74188200/4-22-25(7)									
214382	04/22/25		22507695	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	902.05
INVOICE: 74188200/4-22-25(8)									
214383	04/22/25		22507694	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	243.57
INVOICE: 74188200/4-22-25(9)									
214383	04/22/25		22507694	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	1,011.28
INVOICE: 74188200/4-22-25(9)									
214384	07/22/25		22600756	101373	P	08/22/25	10123010 630114	PARTS	51.78
INVOICE: 53217525/7-22-25									
214384	07/22/25		22600756	101373	P	08/22/25	10123030 610121	DUES & SUBSCRIPTIONS	20.00
INVOICE: 53217525/7-22-25									
214384	07/22/25		22600756	101373	P	08/22/25	10123030 610129	OTHER EXPENSE	307.22
INVOICE: 53217525/7-22-25									

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214384	07/22/25		22600756	101373	P	08/22/25	10123030 620105	COMPUTER SUPPLIES	37.10
	INVOICE: 53217525/7-22-25									
	214385	07/22/25		22600753	101373	P	08/22/25	10123030 610129	OTHER EXPENSE	1,064.27
	INVOICE: 53217525/7-22-25(1)									
	214386	07/22/25		22600754	101373	P	08/22/25	10123010 630101	BUILDING MAINT.	992.71
	INVOICE: 53217525/7-22-25(2)									
	214394	06/23/25		22509193	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	768.49
	INVOICE: 60335930/6-23-25									
	214395	06/23/25		22509192	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	703.77
	INVOICE: 60335930/6-23-25(1)									
	214396	06/23/25		22509194	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	364.66
	INVOICE: 60335930/6-23-25(2)									
	214397	06/23/25		22509191	101373	P	08/22/25	101 300100	FB RESRVD FOR ENCUMBRANCE	367.93
	INVOICE: 60335930/6-23-25(3)									
	VENDOR TOTALS	823,750.56 YTD INVOICED						81,806.23 YTD PAID		12,960.60
9871	USA BLUE BOOK									
	214361	08/05/25		22600800	101374	P	08/22/25	50195110 620137	LAB TESTS & SUPPLIES	222.03
	INVOICE: INV00789192									
	214362	08/01/25		22600800	101374	P	08/22/25	50195110 620137	LAB TESTS & SUPPLIES	1,001.22
	INVOICE: INV00786113									
	VENDOR TOTALS	57,879.78 YTD INVOICED						22,255.36 YTD PAID		1,223.25
8341	VAN DERMYDEN MAKUS LAW CORP.									
	214268	08/07/25		22600681	101375	P	08/22/25	10119010 610113	PROFESSIONAL FEES (O)	6,321.00
	INVOICE: 34745									
	VENDOR TOTALS	.00 YTD INVOICED						6,321.00 YTD PAID		6,321.00
576	SANTOS VAZQUEZ JR.									
	214181	07/02/25		22600673	101376	P	08/22/25	10111010 620103	PRINTING	155.88
	INVOICE: 8565									
	214182	08/05/25		22600673	101376	P	08/22/25	10111010 620103	PRINTING	155.88
	INVOICE: 8582									
	VENDOR TOTALS	637.20 YTD INVOICED						930.95 YTD PAID		311.76
4647	VERIZON WIRELESS									
	214367	07/23/25		22600723	101377	P	08/22/25	10121010 610103	TELEPHONE	590.10
	INVOICE: 6119294416									
	VENDOR TOTALS	75,580.34 YTD INVOICED						5,345.04 YTD PAID		590.10
7951	VESTIS SERVICES, LLC									
	214272	04/25/25		22509131	101378	P	08/22/25	604 300100	FB RESRVD FOR ENCUMBRANCE	217.60
	INVOICE: 5220514304									
	214273	06/13/25		22509131	101378	P	08/22/25	604 300100	FB RESRVD FOR ENCUMBRANCE	321.44
	INVOICE: 5220535672									
	214274	05/30/25		22509131	101378	P	08/22/25	604 300100	FB RESRVD FOR ENCUMBRANCE	113.10

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 5220529619										
	214275	06/20/25		22509131	101378	P	08/22/25	604	300100	FB RESRVD FOR ENCUMBRANCE	143.68
	INVOICE: 5220538706										
	214276	07/25/25		22600659	101378	P	08/22/25	50295210	620128	JANITORIAL SUPPLIES	152.32
	INVOICE: 5220553659										
	214277	07/25/25		22600659	101378	P	08/22/25	50295210	610125	UNIFORM RENTAL	69.19
	INVOICE: 5220553658										
	214278	06/27/25		22509155	101378	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	54.31
	INVOICE: 5220541723										
	214279	08/01/25		22600661	101378	P	08/22/25	10118010	610125	UNIFORM RENTAL	98.39
	INVOICE: 5220556621										
	214280	08/01/25		22600661	101378	P	08/22/25	10118010	620128	JANITORIAL SUPPLIES	54.70
	INVOICE: 5220556622										
	214281	07/25/25		22600629	101378	P	08/22/25	10118010	610125	UNIFORM RENTAL	110.39
	INVOICE: 5220553663										
	214282	07/25/25		22600629	101378	P	08/22/25	10118010	620128	JANITORIAL SUPPLIES	54.70
	INVOICE: 5220553664										
	214363	07/11/25		22600386	101378	P	08/22/25	50295210	610125	UNIFORM RENTAL	69.19
	INVOICE: 5220547688										
	214364	07/04/25		22600386	101378	P	08/22/25	50295210	610125	UNIFORM RENTAL	69.19
	INVOICE: 5220544700										
	214390	04/25/25		22509108	101378	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	12.57
	INVOICE: 5220514307										
	214390	04/25/25		22509108	101378	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	12.57
	INVOICE: 5220514307										
	214390	04/25/25		22509108	101378	P	08/22/25	502	300100	FB RESRVD FOR ENCUMBRANCE	12.59
	INVOICE: 5220514307										
	214390	04/25/25		22509108	101378	P	08/22/25	604	300100	FB RESRVD FOR ENCUMBRANCE	12.57
	INVOICE: 5220514307										
	214391	05/23/25		22509108	101378	P	08/22/25	604	300100	FB RESRVD FOR ENCUMBRANCE	11.68
	INVOICE: 5220526865										
	214392	06/27/25		22509108	101378	P	08/22/25	101	300100	FB RESRVD FOR ENCUMBRANCE	12.93
	INVOICE: 5220541731										
	214392	06/27/25		22509108	101378	P	08/22/25	501	300100	FB RESRVD FOR ENCUMBRANCE	12.93
	INVOICE: 5220541731										
	214392	06/27/25		22509108	101378	P	08/22/25	502	300100	FB RESRVD FOR ENCUMBRANCE	12.96
	INVOICE: 5220541731										
	214392	06/27/25		22509108	101378	P	08/22/25	604	300100	FB RESRVD FOR ENCUMBRANCE	12.93
	INVOICE: 5220541731										
	214393	06/27/25		22509108	101378	P	08/22/25	604	300100	FB RESRVD FOR ENCUMBRANCE	16.52
	INVOICE: 5220541722										
	VENDOR TOTALS		61,746.62 YTD INVOICED						7,341.04 YTD PAID		1,658.45
528	WAXIE SANITARY SUPPLY										
	214283	07/29/25		22600596	101379	P	08/22/25	10162010	630101	BUILDING MAINT.	324.74
	INVOICE: 83399211										
	214284	07/29/25		22600599	101379	P	08/22/25	10153010	620128	JANITORIAL SUPPLIES	860.04
	INVOICE: 83398171										
	214285	07/29/25		22600648	101379	P	08/22/25	10118010	620128	JANITORIAL SUPPLIES	185.58
	INVOICE: 83399209										

PAID INVOICES REPORT

WARRANT: 082225 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
214286	07/29/25		22600648	101379	P	08/22/25	10118010 620128	JANITORIAL SUPPLIES	185.58
INVOICE:	83399210								
214287	07/29/25		22600648	101379	P	08/22/25	10118010 620128	JANITORIAL SUPPLIES	957.08
INVOICE:	83399208								
214288	07/29/25		22600648	101379	P	08/22/25	10118010 620128	JANITORIAL SUPPLIES	139.44
INVOICE:	83399212								
214322	07/29/25		22600658	101379	P	08/22/25	10131010 620128	JANITORIAL SUPPLIES	234.44
INVOICE:	83399559								
214322	07/29/25		22600658	101379	P	08/22/25	50195160 620128	JANITORIAL SUPPLIES	234.44
INVOICE:	83399559								
214322	07/29/25		22600658	101379	P	08/22/25	50295280 620128	JANITORIAL SUPPLIES	234.44
INVOICE:	83399559								
214323	07/09/25			101379	P	08/22/25	10131010 620128	JANITORIAL SUPPLIES	-69.46
INVOICE:	82346355CR								
214323	07/09/25			101379	P	08/22/25	50195160 620128	JANITORIAL SUPPLIES	-69.46
INVOICE:	82346355CR								
214323	07/09/25			101379	P	08/22/25	50295280 620128	JANITORIAL SUPPLIES	-69.46
INVOICE:	82346355CR								
214324	12/06/23			101379	P	08/22/25	10131010 620128	JANITORIAL SUPPLIES	-12.28
INVOICE:	82137208CR								
214324	12/06/23			101379	P	08/22/25	50195160 620128	JANITORIAL SUPPLIES	-12.28
INVOICE:	82137208CR								
214324	12/06/23			101379	P	08/22/25	50295280 620128	JANITORIAL SUPPLIES	-12.29
INVOICE:	82137208CR								
214325	07/29/25		22600657	101379	P	08/22/25	10131010 620128	JANITORIAL SUPPLIES	74.99
INVOICE:	83399554								
214325	07/29/25		22600657	101379	P	08/22/25	50195160 620128	JANITORIAL SUPPLIES	74.99
INVOICE:	83399554								
214325	07/29/25		22600657	101379	P	08/22/25	50295280 620128	JANITORIAL SUPPLIES	75.01
INVOICE:	83399554								
VENDOR TOTALS		56,478.83 YTD INVOICED					8,089.02 YTD PAID		3,335.54
								REPORT TOTALS	1,665,280.84

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	95	1,665,280.84

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
9324	ACE HARDWARE CORPORATION									
	214415	08/17/25		22600764	101380	P	08/29/25	10123010 630101	BUILDING MAINT.	14.05
	INVOICE: I95990									
	214416	08/06/25		22600767	101380	P	08/29/25	10123010 630101	BUILDING MAINT.	66.75
	INVOICE: I92120									
	214417	08/06/25		22600767	101380	P	08/29/25	10123010 630101	BUILDING MAINT.	48.27
	INVOICE: I92245									
	214418	08/02/25		22600767	101380	P	08/29/25	10123010 630114	PARTS	15.78
	INVOICE: I91164									
	214419	08/06/25			101380	P	08/29/25	10123010 630101	BUILDING MAINT.	-48.70
	INVOICE: I92244									
	214420	08/04/25		22600885	101380	P	08/29/25	10118010 620140	SMALL TOOLS	17.51
	INVOICE: 891661									
	214421	08/14/25		22600885	101380	P	08/29/25	10118010 620130	MAINTENANCE SUPPLIES	57.31
	INVOICE: I94961									
	214423	07/16/25		22600884	101380	P	08/29/25	50295200 620132	CONSTRUCTION MATERIAL	49.10
	INVOICE: I69348									
	214424	07/10/25		22600884	101380	P	08/29/25	10132010 620120	STREET CONSTRUCTION	75.76
	INVOICE: I66561									
	214425	07/14/25		22600884	101380	P	08/29/25	10132010 620120	STREET CONSTRUCTION	8.66
	INVOICE: I68488									
	214426	07/15/25		22600884	101380	P	08/29/25	10132010 620120	STREET CONSTRUCTION	41.91
	INVOICE: I68815									
	214427	07/22/25		22600884	101380	P	08/29/25	10132010 610129	OTHER EXPENSE	21.64
	INVOICE: I72840									
	214428	07/01/25		22600890	101380	P	08/29/25	10132010 620120	STREET CONSTRUCTION	75.76
	INVOICE: I62376									
	214429	07/17/25		22600556	101380	P	08/29/25	10151010 630108	FIELD/SHOP EQUIP. MAINT.	86.59
	INVOICE: I70021									
	214430	07/18/25		22600556	101380	P	08/29/25	10151010 620130	MAINTENANCE SUPPLIES	37.81
	INVOICE: I70744									
	214431	07/18/25		22600556	101380	P	08/29/25	10151010 620130	MAINTENANCE SUPPLIES	223.84
	INVOICE: I70864									
	214432	07/21/25		22600556	101380	P	08/29/25	10151010 620130	MAINTENANCE SUPPLIES	34.56
	INVOICE: I72512									
	214433	07/22/25		22600556	101380	P	08/29/25	10151010 620130	MAINTENANCE SUPPLIES	100.65
	INVOICE: I72848									
	214434	07/22/25		22600556	101380	P	08/29/25	10151010 620130	MAINTENANCE SUPPLIES	43.28
	INVOICE: I72903									
	214435	07/28/25		22600556	101380	P	08/29/25	10151010 620131	PAINTING SUPPLIES	27.03
	INVOICE: I79044									
	214436	07/25/25		22600578	101380	P	08/29/25	20434060 620130	MAINTENANCE SUPPLIES	132.71
	INVOICE: I73963									
	214437	03/17/25		22509181	101380	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	85.46
	INVOICE: I21255									
	214438	05/20/25		22509181	101380	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	216.60
	INVOICE: I44427									
	214439	06/24/25		22509187	101380	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	33.24
	INVOICE: I59315									
	214440	07/02/25		22600573	101380	P	08/29/25	10152030 630101	BUILDING MAINT.	47.61
	INVOICE: I63076									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214441	07/15/25		22600573	101380	P	08/29/25	10152030 630101	BUILDING MAINT.	22.72
	INVOICE:	I68901								
	214635	08/25/25		22600764	101380	P	08/29/25	10123010 630101	BUILDING MAINT.	3.89
	INVOICE:	I98282								
	214636	08/23/25		22600764	101380	P	08/29/25	10123010 630101	BUILDING MAINT.	167.70
	INVOICE:	I97774								
	214637	08/19/25		22600925	101380	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	66.11
	INVOICE:	I96519								
	214638	08/15/25		22600924	101380	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	14.02
	INVOICE:	I95157								
	214639	08/15/25		22600924	101380	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	32.66
	INVOICE:	I95228								
	214739	08/14/25		22600906	101380	P	08/29/25	60496400 630114	PARTS	83.83
	INVOICE:	I94894								
	214740	08/12/25		22600906	101380	P	08/29/25	60496400 630114	PARTS	12.95
	INVOICE:	I94156								
	214764	01/29/25		22600735	101380	P	08/29/25	10121010 630101	BUILDING MAINT.	108.24
	INVOICE:	I03726.								
	VENDOR TOTALS		38,491.18 YTD INVOICED					3,918.60 YTD PAID		2,025.30
6143	ADVANCE SERVICE INC.									
	214442	06/01/25		22509177	101381	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	23,678.00
	INVOICE:	42984								
	214663	03/06/25		22509189	101381	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	23,678.00
	INVOICE:	42711								
	VENDOR TOTALS		219,899.00 YTD INVOICED					80,417.00 YTD PAID		47,356.00
9493	ADVANCED AIR & VACUUM									
	214735	08/11/25		22600907	101382	P	08/29/25	60496400 630115	OUTSIDE MAINTENANCE	1,687.84
	INVOICE:	137690973								
	VENDOR TOTALS		11,355.12 YTD INVOICED					1,687.84 YTD PAID		1,687.84
4287	AIRGAS USA, LLC									
	214765	07/29/25		22600440	101383	P	08/29/25	60496400 750001	CAPITAL OUTLAY MISCELLANE	2,964.84
	INVOICE:	9163409815								
	VENDOR TOTALS		1,560.88 YTD INVOICED					2,964.84 YTD PAID		2,964.84
2403	AIRWAVE COMMUNICATIONS									
	214737	07/30/25		22600913	101384	P	08/29/25	60496400 630114	PARTS	674.92
	INVOICE:	450949								
	214738	08/11/25		22600913	101384	P	08/29/25	60496400 630115	OUTSIDE MAINTENANCE	202.50
	INVOICE:	451003								
	VENDOR TOTALS		40,732.44 YTD INVOICED					877.42 YTD PAID		877.42
9455	ALL VALLEY FENCE & MATERIALS									
	214445	07/25/25		22600789	101385	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	450.00

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 25-2193									
	VENDOR TOTALS	10,110.42 YTD INVOICED						737.22 YTD PAID		450.00
10007	AMAZON CAPITAL SERVICES, INC.									
	214446	08/15/25		22600826	101386	P	08/29/25	10162010 610129	OTHER EXPENSE	43.94
	INVOICE: 1CGW-QKV1-KM3R									
	214447	08/01/25		22600788	101386	P	08/29/25	50295210 630109	COMPUTER EQUIP. MAINT.	199.83
	INVOICE: 1QNV-WFDD-HVWQ									
	214448	08/13/25		22600813	101386	P	08/29/25	10118010 620130	MAINTENANCE SUPPLIES	38.04
	INVOICE: 1QGX-G3N1-34VP									
	214449	07/01/25		22600886	101386	P	08/29/25	10132010 620101	OFFICE SUPPLIES	197.11
	INVOICE: 113J-M9TJ-WDKV									
	214449	07/01/25		22600886	101386	P	08/29/25	50195100 620101	OFFICE SUPPLIES	197.11
	INVOICE: 113J-M9TJ-WDKV									
	214449	07/01/25		22600886	101386	P	08/29/25	50295200 620101	OFFICE SUPPLIES	197.10
	INVOICE: 113J-M9TJ-WDKV									
	214450	07/01/25		22600886	101386	P	08/29/25	50195100 620112	PROTECTIVE CLOTHING	85.74
	INVOICE: 1RW3-DHGV-7MRG									
	VENDOR TOTALS	61,337.65 YTD INVOICED						15,563.03 YTD PAID		958.87
10066	AMBERLY'S PLACE, INC.									
	214451	07/22/25		22600724	101387	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	700.00
	INVOICE: 103215									
	VENDOR TOTALS	2,055.00 YTD INVOICED						700.00 YTD PAID		700.00
7	AMERICAN LINEN									
	214452	08/05/25		22600726	101388	P	08/29/25	10121010 630101	BUILDING MAINT.	221.16
	INVOICE: LYUM1901081									
	214453	07/15/25		22600708	101388	P	08/29/25	10121010 630101	BUILDING MAINT.	166.36
	INVOICE: LYUM1896934									
	214454	07/22/25		22600708	101388	P	08/29/25	10121010 630101	BUILDING MAINT.	166.36
	INVOICE: LYUM1898296									
	214455	06/17/25		22600708	101388	P	08/29/25	10121010 630101	BUILDING MAINT.	166.36
	INVOICE: LYUM1891394									
	214456	06/24/25		22600708	101388	P	08/29/25	10121010 630101	BUILDING MAINT.	166.36
	INVOICE: LYUM1892742									
	214457	07/08/25		22600708	101388	P	08/29/25	10121010 630101	BUILDING MAINT.	215.92
	INVOICE: LYUM1895533									
	214458	07/29/25		22600708	101388	P	08/29/25	10121010 630101	BUILDING MAINT.	166.36
	INVOICE: LYUM1899692									
	VENDOR TOTALS	18,695.79 YTD INVOICED						2,091.57 YTD PAID		1,268.88
5397	ANTUNEZ AUTO BODY PARTS									
	214736	08/04/25		22600908	101389	P	08/29/25	60496400 630115	OUTSIDE MAINTENANCE	739.60
	INVOICE: 123360									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	3,065.89 YTD INVOICED					1,584.15 YTD PAID			739.60
6215	AT&T									
	214658	07/28/25		22600971	101390	P	08/29/25	50195110 610103	TELEPHONE	157.20
	INVOICE: 214658									
	214658	07/28/25		22600971	101390	P	08/29/25	50295200 610103	TELEPHONE	351.84
	INVOICE: 214658									
	214658	07/28/25		22600971	101390	P	08/29/25	50295210 610103	TELEPHONE	63.08
	INVOICE: 214658									
	VENDOR TOTALS	7,397.69 YTD INVOICED					572.12 YTD PAID			572.12
6249	AT&T									
	214659	08/12/25		22600974	101391	P	08/29/25	10115010 610103	TELEPHONE	70.48
	INVOICE: 000023915496									
	214659	08/12/25		22600974	101391	P	08/29/25	10141010 610103	TELEPHONE	45.32
	INVOICE: 000023915496									
	214659	08/12/25		22600974	101391	P	08/29/25	10143010 610103	TELEPHONE	15.40
	INVOICE: 000023915496									
	214659	08/12/25		22600974	101391	P	08/29/25	10144010 610103	TELEPHONE	40.27
	INVOICE: 000023915496									
	214659	08/12/25		22600974	101391	P	08/29/25	50195110 610103	TELEPHONE	15.10
	INVOICE: 000023915496									
	214659	08/12/25		22600974	101391	P	08/29/25	50195120 610103	TELEPHONE	286.94
	INVOICE: 000023915496									
	214659	08/12/25		22600974	101391	P	08/29/25	50195160 610103	TELEPHONE	14.95
	INVOICE: 000023915496									
	214659	08/12/25		22600974	101391	P	08/29/25	50295280 610103	TELEPHONE	14.95
	INVOICE: 000023915496									
	214661	08/15/25		22600973	101391	P	08/29/25	10113040 610103	TELEPHONE	22.85
	INVOICE: 000023929428									
	214661	08/15/25		22600973	101391	P	08/29/25	10118010 610103	TELEPHONE	11.43
	INVOICE: 000023929428									
	214661	08/15/25		22600973	101391	P	08/29/25	10123010 610103	TELEPHONE	155.55
	INVOICE: 000023929428									
	214661	08/15/25		22600973	101391	P	08/29/25	10162010 610103	TELEPHONE	159.97
	INVOICE: 000023929428									
	214662	08/13/25		22600972	101391	P	08/29/25	10119010 610103	TELEPHONE	13.84
	INVOICE: 000023924998									
	214662	08/13/25		22600972	101391	P	08/29/25	10131010 610103	TELEPHONE	83.04
	INVOICE: 000023924998									
	214662	08/13/25		22600972	101391	P	08/29/25	10132010 610103	TELEPHONE	27.68
	INVOICE: 000023924998									
	214662	08/13/25		22600972	101391	P	08/29/25	50195100 610103	TELEPHONE	152.24
	INVOICE: 000023924998									
	214662	08/13/25		22600972	101391	P	08/29/25	50195110 610103	TELEPHONE	27.68
	INVOICE: 000023924998									
	214662	08/13/25		22600972	101391	P	08/29/25	50295200 610103	TELEPHONE	110.72
	INVOICE: 000023924998									
	214662	08/13/25		22600972	101391	P	08/29/25	50295210 610103	TELEPHONE	41.52

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
INVOICE: 000023924998									
214662	08/13/25		22600972	101391	P	08/29/25	60496400 610103	TELEPHONE	13.83
INVOICE: 000023924998									
VENDOR TOTALS		140,308.37 YTD INVOICED					17,048.82 YTD PAID		1,323.76
4170 AUTOZONE, INC.									
214459	08/15/25		22600825	101392	P	08/29/25	10123010 630112	GASOLINE & OIL	90.87
INVOICE: 2803875373									
214714	07/29/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	186.01
INVOICE: 2803853363									
214716	07/30/25		22600897	101392	P	08/29/25	60496400 630113	TIRES & BATTERIES	176.27
INVOICE: 2803854202									
214717	07/30/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	25.81
INVOICE: 2803854205									
214718	07/30/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	25.81
INVOICE: 2803854126									
214719	07/30/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	161.82
INVOICE: 2803854236									
214720	07/30/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	32.86
INVOICE: 2803854129									
214721	07/30/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	4.34
INVOICE: 2803854136									
214722	07/29/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	640.83
INVOICE: 2803853383									
214723	08/04/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	129.33
INVOICE: 2803860449									
214724	08/04/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	736.99
INVOICE: 2803860332									
214725	08/04/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	26.51
INVOICE: 2803860342									
214726	08/07/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	14.99
INVOICE: 2803864745									
214727	08/07/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	49.35
INVOICE: 2803864449									
214728	08/07/25		22600897	101392	P	08/29/25	60496400 630113	TIRES & BATTERIES	186.01
INVOICE: 2803865038									
214729	08/07/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	46.24
INVOICE: 2803865028									
214730	08/11/25		22600897	101392	P	08/29/25	60496400 630114	PARTS	28.42
INVOICE: 2803869641									
214731	08/11/25		22600897	101392	P	08/29/25	60496400 630115	OUTSIDE MAINTENANCE	166.94
INVOICE: 2803869634									
214732	08/15/25		22600897	101392	P	08/29/25	60496400 630113	TIRES & BATTERIES	359.04
INVOICE: 2803875218									
214733	07/30/25			101392	P	08/29/25	60496400 630114	PARTS	-365.87
INVOICE: 2803854133									
214734	07/24/25			101392	P	08/29/25	60496400 630114	PARTS	-327.92
INVOICE: 2803846994									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	36,010.82 YTD INVOICED						4,827.54 YTD PAID		2,394.65
9858	AVIAT U.S., INC.									
	214460	08/06/25		22600893	101393	P	08/29/25	41221010 750004	POLICE STATION (PD)	2,706.86
	INVOICE: 10073186									
	VENDOR TOTALS	.00 YTD INVOICED						41,070.98 YTD PAID		2,706.86
1493	BAKER DISTRIBUTING COMPANY, LLC									
	214461	07/23/25		22600792	101394	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	233.29
	INVOICE: GA51983									
	214462	07/31/25		22600790	101394	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	48.47
	INVOICE: GB19338									
	VENDOR TOTALS	67,195.09 YTD INVOICED						15,793.07 YTD PAID		281.76
10438	BASE HILL, INC.									
	214766	07/29/25		22600559	101395	P	08/29/25	10151010 610113	PROFESSIONAL FEES (O)	9,796.36
	INVOICE: 26152									
	214766	07/29/25		22600559	101395	P	08/29/25	10152140 610113	PROFESSIONAL FEES/OTHER	1,354.36
	INVOICE: 26152									
	214766	07/29/25		22600559	101395	P	08/29/25	20434060 610113	PROFESSIONAL FEES/OTHER	909.28
	INVOICE: 26152									
	VENDOR TOTALS	60,300.00 YTD INVOICED						12,060.00 YTD PAID		12,060.00
5875	BEJARANO'S PORTABLE WELDING									
	214665	07/31/25		22600923	101396	P	08/29/25	50195110 630120	WATER PUMPS MAINTENANCE	3,000.00
	INVOICE: 050									
	214666	08/15/25		22600923	101396	P	08/29/25	50195110 630120	WATER PUMPS MAINTENANCE	3,750.00
	INVOICE: 053									
	VENDOR TOTALS	99,900.00 YTD INVOICED						7,325.00 YTD PAID		6,750.00
9767	BINGHAM EQUIPMENT COMPANY									
	214741	07/17/25		22600916	101397	P	08/29/25	60496400 630114	PARTS	34.29
	INVOICE: P12972									
	VENDOR TOTALS	2,783.95 YTD INVOICED						34.29 YTD PAID		34.29
9851	BLU BULK DELIVERY									
	214464	07/02/25		22600898	101398	P	08/29/25	10132010 610113	PROFESSIONAL FEES (O)	15.63
	INVOICE: 2671912									
	214464	07/02/25		22600898	101398	P	08/29/25	50195100 610113	PROFESSIONAL FEES (O)	15.63
	INVOICE: 2671912									
	214464	07/02/25		22600898	101398	P	08/29/25	50295200 610113	PROFESSIONAL FEES (O)	15.63
	INVOICE: 2671912									
	214464	07/02/25		22600898	101398	P	08/29/25	60496400 610113	PROFESSIONAL FEES (O)	15.61
	INVOICE: 2671912									
	214465	07/16/25		22600898	101398	P	08/29/25	10132010 610113	PROFESSIONAL FEES (O)	12.05

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 2672996										
	214465	07/16/25		22600898	101398	P	08/29/25	50195100	610113	PROFESSIONAL FEES (O)	12.05
	INVOICE: 2672996										
	214465	07/16/25		22600898	101398	P	08/29/25	50295200	610113	PROFESSIONAL FEES (O)	12.05
	INVOICE: 2672996										
	214465	07/16/25		22600898	101398	P	08/29/25	60496400	610113	PROFESSIONAL FEES (O)	12.05
	INVOICE: 2672996										
	214466	07/31/25		22600898	101398	P	08/29/25	10132010	610113	PROFESSIONAL FEES (O)	1.25
	INVOICE: 2675728										
	214466	07/31/25		22600898	101398	P	08/29/25	50195100	610113	PROFESSIONAL FEES (O)	1.25
	INVOICE: 2675728										
	214466	07/31/25		22600898	101398	P	08/29/25	50295200	610113	PROFESSIONAL FEES (O)	1.25
	INVOICE: 2675728										
	214466	07/31/25		22600898	101398	P	08/29/25	60496400	610113	PROFESSIONAL FEES (O)	1.25
	INVOICE: 2675728										
	214467	07/21/25		22600557	101398	P	08/29/25	10151010	610113	PROFESSIONAL FEES (O)	37.15
	INVOICE: 2673750										
	214468	07/31/25		22600557	101398	P	08/29/25	10151010	610113	PROFESSIONAL FEES (O)	5.00
	INVOICE: 2675727										
	VENDOR TOTALS		1,734.75 YTD INVOICED						157.85 YTD PAID		157.85
3183	BORDER TACTICAL										
	214469	08/05/25		22600716	101399	P	08/29/25	10121010	610124	UNIFORM ALLOWANCE	436.63
	INVOICE: A218843										
	214470	07/22/25		22600704	101399	P	08/29/25	10121030	610124	UNIFORM ALLOWANCE	180.67
	INVOICE: A218499										
	VENDOR TOTALS		16,893.89 YTD INVOICED						617.30 YTD PAID		617.30
144	BPS SUPPLY GROUP										
	214667	07/18/25		22600881	101400	P	08/29/25	50195110	630120	WATER PUMPS MAINTENANCE	996.11
	INVOICE: S3234300.001										
	VENDOR TOTALS		.00 YTD INVOICED						996.11 YTD PAID		996.11
9931	BRAWLEY ANALYTICAL, INC.										
	214668	08/18/25		22600909	101401	P	08/29/25	50195110	620137	LAB TESTS & SUPPLIES	2,040.00
	INVOICE: 001368										
	VENDOR TOTALS		91,461.25 YTD INVOICED						13,167.50 YTD PAID		2,040.00
5975	BRENNTAG PACIFIC, INC.										
	214472	08/08/25		22600757	101402	P	08/29/25	10152060	620136	TREATMENT CHEMICALS	3,260.19
	INVOICE: BPI539284										
	VENDOR TOTALS		95,908.11 YTD INVOICED						18,839.30 YTD PAID		3,260.19
8328	CALIFORNIA DIESEL COMPLIANCE, INC.										
	214742	07/30/25		22600938	101403	P	08/29/25	60496400	630115	OUTSIDE MAINTENANCE	625.00
	INVOICE: 25-0803										

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	900.00 YTD INVOICED							625.00 YTD PAID		625.00
5783	CALTEST ANALYTICAL LABORATORY										
	214473	08/07/25		22600783	101404	P	08/29/25	50295210	620137	LAB TESTS & SUPPLIES	361.00
	INVOICE: 732223										
	VENDOR TOTALS	6,046.50 YTD INVOICED							443.00 YTD PAID		361.00
1846	CARLOS NEON SIGNS										
	214474	07/10/25		22600834	101405	P	08/29/25	29941010	750010	ADA IMPROVEMENTS	477.38
	INVOICE: 807										
	214743	08/05/25		22600915	101405	P	08/29/25	60496400	620127	OTHER SUPPLIES	346.40
	INVOICE: 875										
	VENDOR TOTALS	21,684.67 YTD INVOICED							3,151.16 YTD PAID		823.78
1631	CATHOLIC CHARITIES										
	214709	08/15/25		22600837	101406	P	08/29/25	25261500	640124	CONTRIBUTIONS	12,939.46
	INVOICE: 10-JULY 2025										
	VENDOR TOTALS	155,135.02 YTD INVOICED							25,972.03 YTD PAID		12,939.46
6313	BRAD CHAPIN										
	214475	08/03/25		22600869	101407	P	08/29/25	10123010	630114	PARTS	97.36
	INVOICE: 784655										
	VENDOR TOTALS	1,507.50 YTD INVOICED							97.36 YTD PAID		97.36
6050	CHARTER COMMUNICATIONS										
	214476	07/14/25		22600739	101408	P	08/29/25	10121010	610113	PROFESSIONAL FEES (O)	187.34
	INVOICE: 189473501071425										
	214477	08/01/25		22600674	101408	P	08/29/25	10152030	610113	PROFESSIONAL FEES/OTHER	240.00
	INVOICE: 254950101080125										
	VENDOR TOTALS	10,439.81 YTD INVOICED							815.84 YTD PAID		427.34
58	CITY OF E.C. PETTY CASH-POLICE										
	214640	08/25/25		22600956	101409	P	08/29/25	221	101017	PETTY CASH - POLICE (PEPI	20,000.00
	INVOICE: 214640										
	VENDOR TOTALS	.00 YTD INVOICED							20,000.00 YTD PAID		20,000.00
650	CLINICAL LAB OF SAN BERNARDINO, INC.										
	214669	08/19/25		22600951	101410	P	08/29/25	50195110	620137	LAB TESTS & SUPPLIES	610.00
	INVOICE: 25G2641										
	VENDOR TOTALS	5,090.00 YTD INVOICED							730.00 YTD PAID		610.00
9635	COAR DESIGN GROUP										
	214710	07/31/25		22600818	101411	P	08/29/25	26051090	610113	PROFESSIONAL FEES/OTHER	69,230.00

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: 22966										
	VENDOR TOTALS		97,200.00 YTD INVOICED						69,230.00 YTD PAID		69,230.00
8117	COLE HUBER LLP										
	214809	07/16/25		22509241	101412	P	08/29/25	101 300100		FB RESRVD FOR ENCUMBRANCE	19,904.40
	INVOICE: 2004640237										
	214810	07/16/25		22509241	101412	P	08/29/25	101 300100		FB RESRVD FOR ENCUMBRANCE	8,865.00
	INVOICE: 2004640239										
	214811	07/16/25		22509241	101412	P	08/29/25	101 300100		FB RESRVD FOR ENCUMBRANCE	1,500.00
	INVOICE: 2004640241										
	214812	07/16/25		22509241	101412	P	08/29/25	101 300100		FB RESRVD FOR ENCUMBRANCE	1,720.00
	INVOICE: 2004640242										
	214813	07/16/25		22509241	101412	P	08/29/25	101 300100		FB RESRVD FOR ENCUMBRANCE	1,505.00
	INVOICE: 2004640244										
	214814	07/16/25		22509241	101412	P	08/29/25	101 300100		FB RESRVD FOR ENCUMBRANCE	4,708.00
	INVOICE: 2004640243										
	VENDOR TOTALS		456,083.78 YTD INVOICED						38,202.40 YTD PAID		38,202.40
1371	CONSOLIDATED ELEC DISTRIBUTORS, INC.										
	214478	07/24/25		22600448	101413	P	08/29/25	60496400 630101		BUILDING MAINT.	829.68
	INVOICE: 1964-1017623										
	VENDOR TOTALS		3,973.12 YTD INVOICED						1,514.98 YTD PAID		829.68
6113	CORE & MAIN LP										
	214480	07/07/25		22600815	101414	P	08/29/25	50195100 620139		PIPE FITTINGS	1,293.70
	INVOICE: X288069										
	214481	07/30/25		22600579	101414	P	08/29/25	10151010 620123		IRRIGATION & SPRINKLERS	6,153.50
	INVOICE: X443767										
	214670	08/01/25		22600922	101414	P	08/29/25	50195110 630117		METER MAINTENANCE	7,391.47
	INVOICE: W145653										
	214671	07/25/25		22600922	101414	P	08/29/25	50195110 630117		METER MAINTENANCE	4,112.32
	INVOICE: V887530										
	VENDOR TOTALS		107,522.22 YTD INVOICED						18,950.99 YTD PAID		18,950.99
2470	COUNTY OF SAN DIEGO, RCS										
	214482	08/01/25		22600725	101415	P	08/29/25	10121020 610113		PROFESSIONAL FEES/OTHER	4,178.50
	INVOICE: 26ELCNPDN01										
	214483	07/01/25		22600717	101415	P	08/29/25	10121020 630107		COMMUNICATION EQUIPMENT M	4,041.50
	INVOICE: 25ELCNPDN12										
	VENDOR TOTALS		95,946.50 YTD INVOICED						13,741.50 YTD PAID		8,220.00
1871	DANIELS TIRE SERVICE, INC.										
	214744	07/15/25		22600942	101416	P	08/29/25	60496400 630113		TIRES & BATTERIES	26.35
	INVOICE: 227071341										
	214745	07/16/25		22600942	101416	P	08/29/25	60496400 630113		TIRES & BATTERIES	2,162.11
	INVOICE: 227071388										

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214746	07/17/25		22600942	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	1,535.10
	INVOICE:	227071417								
	214747	07/21/25		22600942	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	1,783.41
	INVOICE:	227071488								
	214748	07/22/25		22600942	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	153.22
	INVOICE:	227071507								
	214749	07/23/25		22600942	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	607.54
	INVOICE:	227071541								
	214750	07/31/25		22600942	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	273.91
	INVOICE:	227071749								
	214767	06/11/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	936.55
	INVOICE:	227070678								
	214768	06/12/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	8,184.87
	INVOICE:	227070200								
	214769	06/17/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	194.44
	INVOICE:	227070773								
	214770	06/24/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	26.35
	INVOICE:	227070919								
	214771	07/01/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	288.00
	INVOICE:	227071094								
	214772	07/25/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	216.00
	INVOICE:	227071634								
	214773	07/29/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	26.35
	INVOICE:	227071703								
	214774	07/29/25		22600940	101416	P	08/29/25	60496400 630113	TIRES & BATTERIES	6,637.20
	INVOICE:	227071688								
	VENDOR TOTALS		73,903.06 YTD INVOICED					23,051.40 YTD PAID		23,051.40
10150	DAY WIRELESS SYSTEMS									
	214484	07/29/25		22600721	101417	P	08/29/25	10121010 620105	COMPUTER SUPPLIES	1,105.00
	INVOICE:	INV883711								
	VENDOR TOTALS		79,759.00 YTD INVOICED					1,275.00 YTD PAID		1,105.00
1964	DESERT DOC SHREDDERS & RECORDS STORAGE LLC									
	214485	07/24/25		22600697	101418	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	147.00
	INVOICE:	23186072425								
	VENDOR TOTALS		1,704.00 YTD INVOICED					147.00 YTD PAID		147.00
9160	DESERT VALLEY POWER SYSTEMS LLC									
	214672	08/14/25		22600950	101419	P	08/29/25	50195110 610113	PROFESSIONAL FEES (O)	435.00
	INVOICE:	3346								
	214673	08/19/25		22600950	101419	P	08/29/25	50195110 610113	PROFESSIONAL FEES (O)	420.00
	INVOICE:	3348								
	VENDOR TOTALS		137,449.12 YTD INVOICED					10,263.82 YTD PAID		855.00
6166	DESERT VETERINARY GROUP									
	214486	06/23/25		22600713	101420	P	08/29/25	10121030 610129	OTHER EXPENSE	50.00

PAID INVOICES REPORT

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	INVOICE: 319351										
	VENDOR TOTALS		1,692.81 YTD INVOICED						100.00 YTD PAID		50.00
9514	DISABILITY ACCESS CONSULTANTS, LLC										
	214674	07/31/25		22600957	101421	P	08/29/25	10141010	610113	PROFESSIONAL FEES (O)	2,000.00
	INVOICE: 25-258										
	VENDOR TOTALS		2,000.00 YTD INVOICED						2,000.00 YTD PAID		2,000.00
5470	DRAGON'S EXTERMINATORS										
	214487	08/08/25		22600778	101422	P	08/29/25	50295210	610113	PROFESSIONAL FEES (O)	150.00
	INVOICE: 89252558										
	VENDOR TOTALS		900.00 YTD INVOICED						150.00 YTD PAID		150.00
7745	EFR ENVIROMENTAL SERVICE, INC.										
	214641	08/12/25		22600918	101423	P	08/29/25	50295210	610113	PROFESSIONAL FEES (O)	118.40
	INVOICE: 93323-25										
	VENDOR TOTALS		5,055.50 YTD INVOICED						118.40 YTD PAID		118.40
9342	SUBAH EID										
	214642	06/11/25		22600705	101424	P	08/29/25	10121010	610124	UNIFORM ALLOWANCE	164.10
	INVOICE: S316475										
	VENDOR TOTALS		743.50 YTD INVOICED						164.10 YTD PAID		164.10
102	EL CENTRO MOTORS										
	214751	07/31/25		22600899	101425	P	08/29/25	60496400	630114	PARTS	108.81
	INVOICE: 5238932										
	VENDOR TOTALS		178,749.73 YTD INVOICED						87,575.53 YTD PAID		108.81
245	EMPIRE SOUTHWEST										
	214675	07/01/25		22600601	101426	P	08/29/25	10152050	610113	PROFESSIONAL FEES (O)	3,524.00
	INVOICE: EPCT08012501										
	214676	07/01/25		22600601	101426	P	08/29/25	10152050	610113	PROFESSIONAL FEES (O)	321.00
	INVOICE: EPCT08012502										
	214752	07/11/25		22600895	101426	P	08/29/25	60496400	630114	PARTS	3,374.02
	INVOICE: EMPS6974793										
	214753	07/18/25		22600895	101426	P	08/29/25	60496400	630114	PARTS	28.14
	INVOICE: EMPS6986152										
	214754	07/18/25		22600895	101426	P	08/29/25	60496400	630114	PARTS	80.24
	INVOICE: EMPS6986151										
	214755	07/21/25		22600895	101426	P	08/29/25	60496400	630114	PARTS	122.19
	INVOICE: EMPS6988060										
	214756	07/23/25		22600895	101426	P	08/29/25	60496400	630114	PARTS	220.95
	INVOICE: EMPS6992938										
	214757	07/24/25		22600895	101426	P	08/29/25	60496400	630114	PARTS	586.81
	INVOICE: EMPS6995120										

PAID INVOICES REPORT

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VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214758	07/28/25		22600895	101426	P	08/29/25	60496400	630114	PARTS	51.36
	INVOICE: EMPS6999332										
	VENDOR TOTALS		292,317.33 YTD INVOICED						8,308.71 YTD PAID		8,308.71
4665	ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.										
	214711	07/01/25		22600839	101427	P	08/29/25	10144010	610121	DUES & SUBSCRIPTIONS	1,510.00
	INVOICE: 900050389/PLN										
	VENDOR TOTALS		.00 YTD INVOICED						1,510.00 YTD PAID		1,510.00
2989	EXECUTIVE LANDSCAPE, INC.										
	214488	08/01/25		22600551	101428	P	08/29/25	10151010	610113	PROFESSIONAL FEES (O)	11,957.00
	INVOICE: 67088										
	214488	08/01/25		22600551	101428	P	08/29/25	10152140	610113	PROFESSIONAL FEES/OTHER	870.84
	INVOICE: 67088										
	214488	08/01/25		22600551	101428	P	08/29/25	20434060	610113	PROFESSIONAL FEES/OTHER	354.17
	INVOICE: 67088										
	214489	08/01/25		22600551	101428	P	08/29/25	28099040	630103	GROUND/LANDSCAPING MAINT	385.00
	INVOICE: 67102										
	214490	08/01/25		22600551	101428	P	08/29/25	27299010	630103	GROUND/LANDSCAPING MAINT	2,618.06
	INVOICE: 67103										
	214490	08/01/25		22600551	101428	P	08/29/25	27499020	630103	GROUND/LANDSCAPING MAINT	1,847.22
	INVOICE: 67103										
	214490	08/01/25		22600551	101428	P	08/29/25	29099030	630103	GROUND/LANDSCAPING MAINT	1,220.89
	INVOICE: 67103										
	214491	05/01/25		22509178	101428	P	08/29/25	204	300100	FB RESRVD FOR ENCUMBRANCE	354.17
	INVOICE: 64095										
	214492	06/01/25		22509178	101428	P	08/29/25	204	300100	FB RESRVD FOR ENCUMBRANCE	354.17
	INVOICE: 65097										
	VENDOR TOTALS		232,286.76 YTD INVOICED						19,961.52 YTD PAID		19,961.52
1714	EXPRESS LUBE										
	214493	07/02/25		22600762	101429	P	08/29/25	10123010	630115	OUTSIDE MAINTENANCE	122.97
	INVOICE: 216953										
	VENDOR TOTALS		1,486.76 YTD INVOICED						122.97 YTD PAID		122.97
247	FEDEX										
	214495	08/15/25		22600870	101430	P	08/29/25	10123010	620102	POSTAGE	128.50
	INVOICE: 8-956-03622										
	VENDOR TOTALS		9,779.16 YTD INVOICED						625.79 YTD PAID		128.50
4462	FERGUSON ENTERPRISES, INC.										
	214496	08/06/25		22600811	101431	P	08/29/25	20434060	620130	MAINTENANCE SUPPLIES	297.50
	INVOICE: 5462930										
	214678	07/13/25		22600944	101431	P	08/29/25	50195110	630111	OTHER FACILITY MAINT.	543.71
	INVOICE: 5540627-1										
	214679	07/13/25		22600944	101431	P	08/29/25	50195110	620130	MAINTENANCE SUPPLIES	377.16

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 5565880									
	214680	07/14/25		22600944	101431	P	08/29/25	50195110 630117	METER MAINTENANCE	46.60
	INVOICE: 5568874									
	VENDOR TOTALS		86,009.42 YTD INVOICED					3,615.56 YTD PAID		1,264.97
8069	FERNANDO RUIZ, INC.									
	214497	07/01/25		22600807	101432	P	08/29/25	10132010 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170739									
	214497	07/01/25		22600807	101432	P	08/29/25	50195100 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170739									
	214497	07/01/25		22600807	101432	P	08/29/25	50295200 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170739									
	214497	07/01/25		22600807	101432	P	08/29/25	60496400 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170739									
	214498	08/01/25		22600807	101432	P	08/29/25	10132010 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170993									
	214498	08/01/25		22600807	101432	P	08/29/25	50195100 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170993									
	214498	08/01/25		22600807	101432	P	08/29/25	50295200 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170993									
	214498	08/01/25		22600807	101432	P	08/29/25	60496400 610113	PROFESSIONAL FEES (O)	123.75
	INVOICE: 170993									
	VENDOR TOTALS		20,055.00 YTD INVOICED					1,650.00 YTD PAID		990.00
10581	FIRST TWO, INC.									
	214499	07/08/25		22600703	101433	P	08/29/25	22321130 750001	CAPITAL OUTLAY MISCELLANE	7,200.00
	INVOICE: 2937									
	VENDOR TOTALS		.00 YTD INVOICED					7,200.00 YTD PAID		7,200.00
10498	FROZEN TREATS & MORE LLC									
	214500	07/17/25		22600761	101434	P	08/29/25	10110006 460115	SWIMMING POOL FEES	726.00
	INVOICE: 51076									
	VENDOR TOTALS		1,386.00 YTD INVOICED					726.00 YTD PAID		726.00
4317	FRUTH GROUP INC.									
	214501	07/22/25		22600740	101435	P	08/29/25	10121010 630106	OFFICE MACHINES MAINT.	34.72
	INVOICE: 749234									
	214502	07/22/25		22600740	101435	P	08/29/25	10121010 630106	OFFICE MACHINES MAINT.	181.76
	INVOICE: 749233									
	214503	07/21/25		22600777	101435	P	08/29/25	10162010 620103	PRINTING	90.24
	INVOICE: 748953									
	214504	07/22/25		22600530	101435	P	08/29/25	10152040 620103	PRINTING	153.22
	INVOICE: 749232									
	214505	08/12/25		22600838	101435	P	08/29/25	10112010 620103	PRINTING	21.87
	INVOICE: 753335									
	214506	08/14/25		22600879	101435	P	08/29/25	10119010 620103	PRINTING	26.02
	INVOICE: 753622									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214507	08/14/25		22600879	101435	P	08/29/25	10115010	620103	PRINTING	63.67
	INVOICE: 753623										
	VENDOR TOTALS		74,718.99 YTD INVOICED						32,587.85 YTD PAID		571.50
10590	GRANICUS LLC										
	214508	08/14/25		22600819	101436	P	08/29/25	10111020	610113	PROFESSIONAL FEES (O)	5,819.07
	INVOICE: 212265										
	VENDOR TOTALS		.00 YTD INVOICED						5,819.07 YTD PAID		5,819.07
603	HARRIS & ASSOCIATES, INC.										
	214681	08/08/25		22600960	101437	P	08/29/25	10144020	610113	PROFESSIONAL FEES (O)	255.00
	INVOICE: 68758										
	VENDOR TOTALS		30,668.30 YTD INVOICED						255.00 YTD PAID		255.00
10593	JAIME HIDALGO										
	214643	08/25/25		22600934	101438	P	08/29/25	10143010	620114	OTHER SAFETY SUPPLIES	300.00
	INVOICE: 214643										
	VENDOR TOTALS		.00 YTD INVOICED						300.00 YTD PAID		300.00
1673	HINDERLITER DE LLAMAS & ASSOC.										
	214644	08/25/25		22600969	101439	P	08/29/25	10119010	610113	PROFESSIONAL FEES (O)	3,408.59
	INVOICE: SIN053676										
	VENDOR TOTALS		8,393.14 YTD INVOICED						3,558.59 YTD PAID		3,408.59
9802	I.V. CHRYSLER DODGE JEEP RAM										
	214759	08/15/25		22600901	101440	P	08/29/25	60496400	630115	OUTSIDE MAINTENANCE	249.99
	INVOICE: 534559										
	VENDOR TOTALS		4,062.26 YTD INVOICED						249.99 YTD PAID		249.99
146	IMPERIAL PRINTERS										
	214510	07/21/25		22600722	101441	P	08/29/25	10121010	620103	PRINTING	205.68
	INVOICE: 25-2019										
	214511	07/21/25		22600722	101441	P	08/29/25	10121010	620103	PRINTING	221.78
	INVOICE: 25-2090										
	214512	07/21/25		22600749	101441	P	08/29/25	10152060	610106	ADVERTISING	107.17
	INVOICE: 25-2094										
	214513	06/19/25		22509218	101441	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	116.91
	INVOICE: 25-1772										
	214514	07/21/25		22600580	101441	P	08/29/25	10151010	620101	OFFICE SUPPLIES	54.13
	INVOICE: 25-2050										
	214682	07/21/25		22600912	101441	P	08/29/25	50195110	620103	PRINTING	133.21
	INVOICE: 25-1979										
	VENDOR TOTALS		13,120.90 YTD INVOICED						5,072.76 YTD PAID		838.88

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
9814	IMPERIAL VALLEY CHEVROLET BUICK GMC CADILLAC									
	214760	08/18/25		22600902	101442	P	08/29/25	60496400 630114	PARTS	787.87
	INVOICE: 718169GM									
	214761	08/13/25		22600903	101442	P	08/29/25	60496400 630114	PARTS	63.95
	INVOICE: 718682GM									
	VENDOR TOTALS		86,744.19 YTD INVOICED					1,500.53 YTD PAID		851.82
9739	IMPERIAL VALLEY 9-11 STAIR CLIMB COMMITTEE									
	214523	08/19/25		22600917	101443	P	08/29/25	10112010 610139	COMMUNITY SPONSORSHIP	911.00
	INVOICE: 2025-260									
	VENDOR TOTALS		911.00 YTD INVOICED					911.00 YTD PAID		911.00
10591	IMPERIAL VALLEY AIR CONDITIONING INC.									
	214515	08/06/25		22600871	101444	P	08/29/25	10123010 750001	CAPITAL OUTLAY MISCELLANE	10,500.00
	INVOICE: 4943									
	VENDOR TOTALS		.00 YTD INVOICED					10,500.00 YTD PAID		10,500.00
8378	IMPERIAL VALLEY OCCUPATIONAL MEDICINE									
	214683	08/22/25		22600967	101445	P	08/29/25	10113010 610122	RECRUITING	295.00
	INVOICE: 4828									
	VENDOR TOTALS		3,757.44 YTD INVOICED					1,538.72 YTD PAID		295.00
607	IMPERIAL VALLEY PRESS									
	214516	08/06/25		22600773	101446	P	08/29/25	10162010 610113	PROFESSIONAL FEES (O)	356.07
	INVOICE: 501904									
	214645	08/21/25		22600955	101446	P	08/29/25	10111020 610106	ADVERTISING	484.25
	INVOICE: 507192									
	VENDOR TOTALS		29,758.98 YTD INVOICED					3,103.37 YTD PAID		840.32
141	IMPERIAL VALLEY TERMITE									
	214517	08/01/25		22600731	101447	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	34.00
	INVOICE: 0354312									
	214518	08/01/25		22600731	101447	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	65.00
	INVOICE: 0354313									
	214519	07/21/25		22600731	101447	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	110.00
	INVOICE: 0353108									
	214520	08/11/25		22600780	101447	P	08/29/25	50195160 610113	PROFESSIONAL FEES (O)	25.00
	INVOICE: 0354406									
	214520	08/11/25		22600780	101447	P	08/29/25	50295280 610113	PROFESSIONAL FEES (O)	25.00
	INVOICE: 0354406									
	214521	08/11/25		22600780	101447	P	08/29/25	50195160 610113	PROFESSIONAL FEES (O)	70.00
	INVOICE: 0354407									
	214521	08/11/25		22600780	101447	P	08/29/25	50295280 610113	PROFESSIONAL FEES (O)	70.00
	INVOICE: 0354407									
	214522	08/18/25		22600868	101447	P	08/29/25	10123010 630101	BUILDING MAINT.	95.00
	INVOICE: 0354411									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		8,492.00 YTD INVOICED				949.00 YTD PAID			494.00
6163	JASON JACKSON									
	214527	05/08/25		22509174	101448	P	08/29/25	10110006 460116	RECREATION FEES	110.00
	INVOICE: 2665123									
	VENDOR TOTALS		.00 YTD INVOICED				110.00 YTD PAID			110.00
3760	JADE SECURITY SYSTEMS INC.									
	214528	08/10/25		22600760	101449	P	08/29/25	10123010 610113	PROFESSIONAL FEES (O)	223.96
	INVOICE: 4654/SEPT2025									
	VENDOR TOTALS		123,851.01 YTD INVOICED				6,457.87 YTD PAID			223.96
821	JCI JONES CHEMICALS, INC.									
	214684	07/29/25		22600914	101450	P	08/29/25	50195110 620136	TREATMENT CHEMICALS	9,525.66
	INVOICE: 974802									
	VENDOR TOTALS		235,853.62 YTD INVOICED				30,210.38 YTD PAID			9,525.66
662	JJJ ENTERPRISES									
	214524	08/01/25		22600752	101451	P	08/29/25	10152060 610113	PROFESSIONAL FEES/OTHER	105.00
	INVOICE: 119658									
	VENDOR TOTALS		712.50 YTD INVOICED				105.00 YTD PAID			105.00
9583	JNE POLYGRAPH LLC									
	214525	06/30/25		22600698	101452	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	1,350.00
	INVOICE: 2088									
	214526	07/31/25		22600744	101452	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	450.00
	INVOICE: 2108									
	VENDOR TOTALS		6,975.00 YTD INVOICED				1,800.00 YTD PAID			1,800.00
9996	JOE A. GONSALVES & SON									
	214646	08/25/25		22600953	101453	P	08/29/25	10112020 610115	PROFESSIONAL FEES (L)	1,833.33
	INVOICE: 162712									
	214646	08/25/25		22600953	101453	P	08/29/25	50195130 610115	PROFESSIONAL FEES - LOBBY	1,833.33
	INVOICE: 162712									
	214646	08/25/25		22600953	101453	P	08/29/25	50295230 610115	PROFESSIONAL FEES - LOBBY	1,833.34
	INVOICE: 162712									
	VENDOR TOTALS		66,000.00 YTD INVOICED				11,000.00 YTD PAID			5,500.00
684	L.N. CURTIS & SONS									
	214530	08/07/25		22600763	101454	P	08/29/25	10123010 630108	FIELD/SHOP EQUIP. MAINT.	517.13
	INVOICE: INV977288									
	VENDOR TOTALS		8,335.42 YTD INVOICED				1,252.76 YTD PAID			517.13

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
7550	LABOR COMPLIANCE CONSULTANTS OF SO. CAL.									
	214531	07/07/25		22509182	101455	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	170.00
	INVOICE: 2957									
	VENDOR TOTALS		18,349.94 YTD INVOICED					4,041.25 YTD PAID		170.00
4406	LABRUCHERIE IRRIGATION SUPPLY									
	214533	07/15/25		22600554	101456	P	08/29/25	10151010 620130	MAINTENANCE SUPPLIES	23.38
	INVOICE: 306801C									
	214534	07/17/25		22600552	101456	P	08/29/25	10151010 630108	FIELD/SHOP EQUIP. MAINT.	113.66
	INVOICE: 306961C									
	214535	07/17/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	42.12
	INVOICE: 307030C									
	214536	07/18/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	130.28
	INVOICE: 307065C									
	214537	07/18/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	218.64
	INVOICE: 307076C									
	214538	07/21/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	445.03
	INVOICE: 307146C									
	214539	07/21/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	48.82
	INVOICE: 307187C									
	214540	07/22/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	67.20
	INVOICE: 307294C									
	214541	07/22/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	128.46
	INVOICE: 307290C									
	214542	07/23/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	380.02
	INVOICE: 307312C									
	214543	07/23/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	116.26
	INVOICE: 307333C									
	214544	07/28/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	54.59
	INVOICE: 307553C									
	214545	07/28/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	631.14
	INVOICE: 307566C									
	214546	07/29/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	60.92
	INVOICE: 307656C									
	214547	07/29/25		22600552	101456	P	08/29/25	10151010 620123	IRRIGATION & SPRINKLERS	326.30
	INVOICE: 307625C									
	214548	03/11/25		22509180	101456	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	15.05
	INVOICE: 299442C									
	214549	03/17/25		22509180	101456	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	170.30
	INVOICE: 299776C									
	214550	05/22/25		22509180	101456	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	1,240.87
	INVOICE: 303651C									
	214685	08/14/25		22600911	101456	P	08/29/25	50195110 620139	PIPE FITTINGS	162.65
	INVOICE: 308624C									
	214686	08/12/25		22600911	101456	P	08/29/25	50195110 620139	PIPE FITTINGS	14.84
	INVOICE: 308510C									
	214687	08/13/25		22600911	101456	P	08/29/25	50195110 620139	PIPE FITTINGS	22.05
	INVOICE: 308563C									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	123,870.08 YTD INVOICED							15,674.98 YTD PAID		4,412.58
10582	LAKESHORE LEARNING MATERIALS, LLC										
	214688	08/13/25		22600498	101457	P	08/29/25	10152010	760002	FIRST 5 - GRANT	884.94
	INVOICE: 91624233										
	214689	08/12/25		22600498	101457	P	08/29/25	10152010	760002	FIRST 5 - GRANT	1,475.30
	INVOICE: 91605630										
	VENDOR TOTALS	.00 YTD INVOICED							2,360.24 YTD PAID		2,360.24
2790	LANDMARK CONSULTANTS, INC.										
	214532	08/05/25		22600894	101458	P	08/29/25	41221010	750004	POLICE STATION (PD)	1,440.00
	INVOICE: LE0825-51										
	VENDOR TOTALS	90,690.00 YTD INVOICED							5,040.00 YTD PAID		1,440.00
8754	LESLIE'S SWIMMING POOL SUPPLIES										
	214551	07/23/25		22600553	101459	P	08/29/25	10151010	630105	OTHER MAINT.	266.72
	INVOICE: 00652-02-065407										
	VENDOR TOTALS	10,631.12 YTD INVOICED							401.75 YTD PAID		266.72
1036	LINSCOTT LAW & GREENSPAN										
	214690	08/18/25		22600959	101460	P	08/29/25	10144020	610113	PROFESSIONAL FEES (O)	5,471.50
	INVOICE: 33841-00110										
	VENDOR TOTALS	79,012.55 YTD INVOICED							22,975.25 YTD PAID		5,471.50
2493	MALLORY SAFETY & SUPPLY LLC										
	214553	07/10/25		22600808	101461	P	08/29/25	10132010	620112	PROTECTIVE CLOTHING	58.68
	INVOICE: 6205894										
	VENDOR TOTALS	3,823.78 YTD INVOICED							651.35 YTD PAID		58.68
8026	MAN-K9 INC.										
	214556	07/21/25		22600738	101462	P	08/29/25	10121010	620144	K-9 SUPPLIES	2,320.00
	INVOICE: MTN-JULY2025-2										
	VENDOR TOTALS	22,800.00 YTD INVOICED							2,320.00 YTD PAID		2,320.00
10013	KEVIN MARIANO-WENDZ										
	214713	08/14/25		22600892	101463	P	08/29/25	60496400	610109	MEETING & TRAVEL	190.00
	INVOICE: 214713										
	VENDOR TOTALS	1,300.00 YTD INVOICED							190.00 YTD PAID		190.00
5744	MARIO ROACHO/XTREME PRO AUDIO										
	214691	08/12/25		22600836	101465	P	08/29/25	29951010	610135	SPECIAL EVENTS	1,750.00
	INVOICE: 2/FLAVORS										
	214692	08/12/25		22600835	101464	P	08/29/25	29951010	610135	SPECIAL EVENTS	1,750.00

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 1/FLAVORS									
	VENDOR TOTALS		59,742.87 YTD INVOICED					3,500.00 YTD PAID		3,500.00
276	MCNEECE BROS. OIL CO. INC.									
	214554	08/08/25		22600768	101466	P	08/29/25	10123010 630112	GASOLINE & OIL	574.87
	INVOICE: 620919									
	214647	07/31/25		22600742	101466	P	08/29/25	10121010 630112	GASOLINE & OIL	422.50
	INVOICE: 1161/7-31-25									
	214648	05/31/25		22600872	101466	P	08/29/25	10121010 630112	GASOLINE & OIL	13,627.43
	INVOICE: 917458									
	214648	05/31/25		22600872	101466	P	08/29/25	10121030 630112	GASOLINE & OIL	468.41
	INVOICE: 917458									
	214693	07/22/25		22600948	101466	P	08/29/25	50195110 630112	GASOLINE & OIL	509.49
	INVOICE: 620525									
	VENDOR TOTALS		430,662.98 YTD INVOICED					82,473.66 YTD PAID		15,602.70
7569	MEZA'S SMALL ENGINE									
	214552	07/21/25		22600555	101467	P	08/29/25	10151010 630108	FIELD/SHOP EQUIP. MAINT.	16.24
	INVOICE: 0316396									
	VENDOR TOTALS		304.19 YTD INVOICED					16.24 YTD PAID		16.24
10433	MILLER MENDEL, INC.									
	214558	06/30/25		22600727	101468	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	4.50
	INVOICE: 10065									
	214559	06/30/25		22600727	101468	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	2.70
	INVOICE: 10276									
	214560	06/30/25		22600727	101468	P	08/29/25	10121010 610113	PROFESSIONAL FEES (O)	22.50
	INVOICE: 10460									
	VENDOR TOTALS		4,812.00 YTD INVOICED					29.70 YTD PAID		29.70
2619	MOTOROLA SOLUTIONS, INC.									
	214557	07/20/25		22600737	101469	P	08/29/25	10121010 610114	PROFESSIONAL FEES (D)	1,740.39
	INVOICE: 1411195161									
	VENDOR TOTALS		135,763.06 YTD INVOICED					3,530.95 YTD PAID		1,740.39
7057	O'REILLY AUTO PARTS									
	214776	07/28/25		22600900	101470	P	08/29/25	60496400 630114	PARTS	8.66
	INVOICE: 4340-154513									
	214777	08/11/25		22600900	101470	P	08/29/25	60496400 630114	PARTS	5.74
	INVOICE: 4340-157084									
	214778	08/12/25		22600900	101470	P	08/29/25	60496400 630114	PARTS	54.09
	INVOICE: 4340-157411									
	214779	08/12/25		22600900	101470	P	08/29/25	60496400 630114	PARTS	10.70
	INVOICE: 4340-157306									
	214780	08/14/25		22600900	101470	P	08/29/25	60496400 630114	PARTS	284.09
	INVOICE: 4340-157856									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	214781	08/13/25			101470	P	08/29/25	60496400 630113	TIRES & BATTERIES	-302.68
	INVOICE: 4340-157664									
	VENDOR TOTALS		30,510.61 YTD INVOICED					1,596.73 YTD PAID		60.60
8852	OVERHEAD DOOR COMPANY OF THE DESERT									
	214562	08/04/25		22600824	101471	P	08/29/25	10123010 630101	BUILDING MAINT.	563.77
	INVOICE: WO-17106									
	214563	08/04/25		22600827	101471	P	08/29/25	10123010 630101	BUILDING MAINT.	1,342.22
	INVOICE: WO-17107									
	VENDOR TOTALS		17,484.16 YTD INVOICED					1,905.99 YTD PAID		1,905.99
9541	PATRICK CLARK DBA PATRICK CLARK CONSULTING									
	214565	08/10/25		22600867	101472	P	08/29/25	10113010 610113	PROFESSIONAL FEES (O)	875.00
	INVOICE: 250803									
	VENDOR TOTALS		20,618.27 YTD INVOICED					875.00 YTD PAID		875.00
9633	PEGASUS TELECOMMUNICATIONS CONSULTING GROUP									
	214566	07/31/25		22600776	101473	P	08/29/25	41221010 750004	POLICE STATION (PD)	5,500.00
	INVOICE: 214566									
	VENDOR TOTALS		45,375.00 YTD INVOICED					5,500.00 YTD PAID		5,500.00
3629	PHOENIX PROCESS EQUIPMENT CO.									
	214649	06/11/25		22600919	101474	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	2,705.00
	INVOICE: 0068657-IN									
	VENDOR TOTALS		.00 YTD INVOICED					2,705.00 YTD PAID		2,705.00
4380	PITNEY BOWES PURCHASE POWER									
	214567	07/20/25		22600733	101475	P	08/29/25	10121010 620102	POSTAGE	26.12
	INVOICE: 00898159/JULY2025									
	VENDOR TOTALS		800.74 YTD INVOICED					26.12 YTD PAID		26.12
3121	PRO RECORD STORAGE & SHRED INC									
	214568	07/01/25		22600888	101476	P	08/29/25	10132010 610113	PROFESSIONAL FEES (O)	4.18
	INVOICE: 0032204									
	214568	07/01/25		22600888	101476	P	08/29/25	50195100 610113	PROFESSIONAL FEES (O)	4.18
	INVOICE: 0032204									
	214568	07/01/25		22600888	101476	P	08/29/25	50295200 610113	PROFESSIONAL FEES (O)	4.18
	INVOICE: 0032204									
	VENDOR TOTALS		10,664.25 YTD INVOICED					1,113.84 YTD PAID		12.54
5865	PSOMAS									
	214569	08/07/25		22600781	101477	P	08/29/25	50295210 710106	OTHER REAL PROPERTY	180.00
	INVOICE: 224755									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS	48,367.92 YTD INVOICED							5,190.00 YTD PAID		180.00
293	QUILL CORPORATION										
	214570	06/30/25		22509198	101478	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	83.29
	INVOICE:	44718829									
	214571	06/24/25		22600711	101478	P	08/29/25	10121010	620128	JANITORIAL SUPPLIES	992.77
	INVOICE:	44650677									
	214572	07/01/25		22600729	101478	P	08/29/25	10121010	620101	OFFICE SUPPLIES	12.12
	INVOICE:	44736567									
	VENDOR TOTALS	26,110.11 YTD INVOICED							1,742.07 YTD PAID		1,088.18
631	REFRIGERATION SUPPLIES DIST.										
	214573	07/31/25		22600755	101479	P	08/29/25	10152060	620130	MAINTENANCE SUPPLIES	66.09
	INVOICE:	3346475-00									
	214574	06/26/25		22509188	101479	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	222.14
	INVOICE:	3345253-00									
	VENDOR TOTALS	49,656.81 YTD INVOICED							2,452.47 YTD PAID		288.23
2840	RESERVE ACCOUNT-PITNEY BOWES										
	214650	08/21/25		22600970	101480	P	08/29/25	10119010	620102	POSTAGE	1,100.00
	INVOICE:	214650									
	VENDOR TOTALS	15,000.00 YTD INVOICED							2,100.00 YTD PAID		1,100.00
584	RICK'S GROUP DIESEL, INC.										
	214575	07/03/25		22600823	101481	P	08/29/25	10123010	630115	OUTSIDE MAINTENANCE	6,723.74
	INVOICE:	31814									
	VENDOR TOTALS	13,306.94 YTD INVOICED							6,723.74 YTD PAID		6,723.74
8791	RICK'S ROADRUNNER LOCK & SAFE										
	214576	08/12/25		22600812	101482	P	08/29/25	20434060	620130	MAINTENANCE SUPPLIES	140.02
	INVOICE:	23658									
	214694	08/19/25		22600937	101482	P	08/29/25	10118010	630101	BUILDING MAINT.	117.83
	INVOICE:	23663									
	VENDOR TOTALS	6,184.51 YTD INVOICED							1,598.87 YTD PAID		257.85
4235	ROMAN'S WATER INC.										
	214577	07/14/25		22600734	101483	P	08/29/25	10121010	610113	PROFESSIONAL FEES (O)	155.75
	INVOICE:	95557									
	214578	08/01/25		22600743	101483	P	08/29/25	10121010	610113	PROFESSIONAL FEES (O)	164.50
	INVOICE:	95997									
	VENDOR TOTALS	3,321.50 YTD INVOICED							320.25 YTD PAID		320.25
9713	LUIS ROSALES										
	214651	03/17/25		22509233	101484	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,000.00

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 214651									
	VENDOR TOTALS	300.00 YTD INVOICED			1,000.00 YTD PAID					1,000.00
1656	SECURITAS SEC. SERV. USA, INC.									
	214579	07/31/25		22600588	101485	P	08/29/25	29951010 610113	PROFESSIONAL FEES/OTHER	3,336.48
	INVOICE: 12244415									
	VENDOR TOTALS	229,498.44 YTD INVOICED			8,049.92 YTD PAID					3,336.48
330	SHERWIN WILLIAMS CO.									
	214580	07/31/25		22600887	101486	P	08/29/25	10132010 620119	TRAFFIC PAINT	266.57
	INVOICE: 0361-1									
	VENDOR TOTALS	18,169.07 YTD INVOICED			670.58 YTD PAID					266.57
213	SOUTHERN CALIFORNIA GAS CO									
	214581	07/24/25		22600774	101487	P	08/29/25	50295210 610102	NATURAL GAS	18.39
	INVOICE: 05835330282/JULY2025									
	214582	07/23/25		22600774	101487	P	08/29/25	50295210 610102	NATURAL GAS	23.22
	INVOICE: 04986508523/JULY2025									
	214583	07/22/25		22600720	101487	P	08/29/25	10121010 610102	NATURAL GAS	69.78
	INVOICE: 06022765009/JULY2025									
	214584	07/17/25		22600587	101487	P	08/29/25	10152050 610102	NATURAL GAS	24.60
	INVOICE: 13132656284/JULY2025									
	214585	07/18/25		22600587	101487	P	08/29/25	10152030 610102	NATURAL GAS	15.01
	INVOICE: 04322688005/JULY2025									
	214586	07/17/25		22600587	101487	P	08/29/25	10152020 610102	NATURAL GAS	114.12
	INVOICE: 18592554002/JULY2025									
	VENDOR TOTALS	106,539.45 YTD INVOICED			20,306.65 YTD PAID					265.12
392	STATE OF CA. DEPT. OF JUSTICE									
	214695	08/07/25		22600966	101488	P	08/29/25	10113010 610122	RECRUITING	128.00
	INVOICE: 835897									
	214696	08/07/25		22600966	101488	P	08/29/25	10113010 610122	RECRUITING	196.00
	INVOICE: 834261									
	VENDOR TOTALS	7,398.00 YTD INVOICED			356.00 YTD PAID					324.00
10578	STATE OF CALIFORNIA									
	214588	08/14/25		22600702	101489	P	08/29/25	22521280 510105	OVERTIME	325.00
	INVOICE: 214588									
	214589	08/14/25		22600702	101489	P	08/29/25	22521280 510105	OVERTIME	325.00
	INVOICE: 214589									
	VENDOR TOTALS	.00 YTD INVOICED			650.00 YTD PAID					650.00
10426	STATE WATER RESOURCES CONTROL BOARD									
	214587	11/19/24		22509239	101490	P	08/29/25	50110006 470173	WATER-BAD DEBT COLLECTION	1,317.43
	INVOICE: FUND ID:A00190-01.									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	VENDOR TOTALS		.00 YTD INVOICED				1,343.64 YTD PAID				1,317.43
1460	BJORN STRUEBING										
	214590	08/13/25		22600828	101491	P	08/29/25	10113040	610113	PROFESSIONAL FEES (O)	4,000.00
	INVOICE: 0001248										
	VENDOR TOTALS		56,000.00 YTD INVOICED				4,000.00 YTD PAID				4,000.00
3930	SUPERIOR RMC, LP										
	214591	07/16/25		22600809	101492	P	08/29/25	10132010	620120	STREET CONSTRUCTION	1,718.66
	INVOICE: 3957179										
	214591	07/16/25		22600809	101492	P	08/29/25	50195100	620132	CONSTRUCTION MATERIAL	1,718.66
	INVOICE: 3957179										
	214591	07/16/25		22600809	101492	P	08/29/25	50295200	620132	CONSTRUCTION MATERIAL	1,718.65
	INVOICE: 3957179										
	VENDOR TOTALS		29,782.72 YTD INVOICED				6,035.43 YTD PAID				5,155.97
9352	T-MAN TRAFFIC SUPPLY										
	214592	07/09/25		22600810	101493	P	08/29/25	10132010	620126	TRAFFIC SIGNALS	3,132.11
	INVOICE: 17055										
	VENDOR TOTALS		19,168.69 YTD INVOICED				3,132.11 YTD PAID				3,132.11
4062	TERMINIX OF IMPERIAL VALLEY										
	214593	06/10/25		22509219	101494	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	64.80
	INVOICE: 1149760										
	214594	07/07/25		22600785	101494	P	08/29/25	10118010	630101	BUILDING MAINT.	45.36
	INVOICE: 1152334										
	214595	07/07/25		22600785	101494	P	08/29/25	10118010	630101	BUILDING MAINT.	21.60
	INVOICE: 1151694										
	214596	08/12/25		22600820	101494	P	08/29/25	10162010	630101	BUILDING MAINT.	44.00
	INVOICE: 1154880										
	214597	07/07/25		22600817	101494	P	08/29/25	10162010	630101	BUILDING MAINT.	44.00
	INVOICE: 1151862										
	214697	08/12/25		22600935	101494	P	08/29/25	10118010	630101	BUILDING MAINT.	21.60
	INVOICE: 1154714										
	214698	08/12/25		22600935	101494	P	08/29/25	10118010	630101	BUILDING MAINT.	45.36
	INVOICE: 1155342										
	VENDOR TOTALS		6,091.12 YTD INVOICED				694.40 YTD PAID				286.72
5974	THATCHER COMPANY OF CALIFORNIA										
	214699	08/08/25		22600910	101495	P	08/29/25	50195110	620136	TREATMENT CHEMICALS	20,691.00
	INVOICE: 2025100111807										
	VENDOR TOTALS		25,567.00 YTD INVOICED				40,491.00 YTD PAID				20,691.00
8836	THE COUNSELING TEAM INTERNATIONAL										
	214598	07/17/25		22600736	101496	P	08/29/25	10121010	610113	PROFESSIONAL FEES (O)	350.00

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	INVOICE: INV105447										
	VENDOR TOTALS		27,375.00 YTD INVOICED						700.00 YTD PAID		350.00
10441	TRIAD SECURITY INCORP.										
	214599	08/02/25		22600589	101497	P	08/29/25	29951010	610135	SPECIAL EVENTS	274.50
	INVOICE: EC-2025064-25										
	VENDOR TOTALS		915.00 YTD INVOICED						274.50 YTD PAID		274.50
6289	U.S. BANK										
	214783	07/22/25		22509237	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	180.13
	INVOICE: 74149038/7-22-25										
	214783	07/22/25		22509237	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	42.55
	INVOICE: 74149038/7-22-25										
	214784	07/22/25		22509236	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	69.45
	INVOICE: 74149038/7-22-25(1)										
	214784	07/22/25		22509236	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	887.89
	INVOICE: 74149038/7-22-25(1)										
	214785	05/22/25		22509224	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,030.58
	INVOICE: 01694238/5-22-25										
	214786	05/22/25		22509223	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	539.89
	INVOICE: 01694238/5-22-25(1)										
	214787	05/22/25			101498	P	08/29/25	10152060	610121	DUES & SUBSCRIPTIONS	-539.89
	INVOICE: 01694238/CR5-22-25										
	214788	05/22/25		22509222	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	573.83
	INVOICE: 01694238/5-22-25(2)										
	214789	05/22/25		22509220	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	685.30
	INVOICE: 01694238/5-22-25(3)										
	214790	05/22/25		22509225	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	580.77
	INVOICE: 01694238/5-22-25(4)										
	214791	05/22/25		22509221	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	150.27
	INVOICE: 01694238/5-22-25(5)										
	214791	05/22/25		22509221	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	519.53
	INVOICE: 01694238/5-22-25(5)										
	214791	05/22/25		22509221	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	602.89
	INVOICE: 01694238/5-22-25(5)										
	214791	05/22/25		22509221	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	406.65
	INVOICE: 01694238/5-22-25(5)										
	214791	05/22/25		22509221	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	84.93
	INVOICE: 01694238/5-22-25(5)										
	214791	05/22/25		22509221	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	471.47
	INVOICE: 01694238/5-22-25(5)										
	214792	07/22/25		22509230	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	220.39
	INVOICE: 01694238/7-22-25										
	214792	07/22/25		22509230	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	195.36
	INVOICE: 01694238/7-22-25										
	214792	07/22/25		22509230	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	61.70
	INVOICE: 01694238/7-22-25										
	214792	07/22/25		22509230	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	71.32
	INVOICE: 01694238/7-22-25										

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
214793	07/22/25		22509232	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	1,166.27
INVOICE:	01694238/7-22-25(1)									
214794	07/22/25		22509231	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	535.23
INVOICE:	01694238/7-22-25(2)									
214795	06/23/25		22509226	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	202.41
INVOICE:	01694238/6-23-25									
214795	06/23/25		22509226	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	106.09
INVOICE:	01694238/6-23-25									
214795	06/23/25		22509226	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	256.90
INVOICE:	01694238/6-23-25									
214795	06/23/25		22509226	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	30.28
INVOICE:	01694238/6-23-25									
214795	06/23/25		22509226	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	179.63
INVOICE:	01694238/6-23-25									
214795	06/23/25		22509226	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	585.77
INVOICE:	01694238/6-23-25									
214796	06/23/25		22509229	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	620.00
INVOICE:	01694238/6-23-25(1)									
214797	06/23/25		22509228	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	917.60
INVOICE:	01694238/6-23-25(2)									
214798	06/23/25		22509227	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	620.00
INVOICE:	01694238/6-23-25(3)									
214799	05/22/25		22509215	101498	P	08/29/25	501	300100	FB RESRVD FOR ENCUMBRANCE	415.84
INVOICE:	18365439/5-22-25									
214799	05/22/25		22509215	101498	P	08/29/25	501	300100	FB RESRVD FOR ENCUMBRANCE	431.00
INVOICE:	18365439/5-22-25									
214799	05/22/25		22509215	101498	P	08/29/25	501	300100	FB RESRVD FOR ENCUMBRANCE	70.25
INVOICE:	18365439/5-22-25									
214799	05/22/25		22509215	101498	P	08/29/25	501	300100	FB RESRVD FOR ENCUMBRANCE	133.17
INVOICE:	18365439/5-22-25									
214800	07/22/25		22509235	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	101.46
INVOICE:	53207468/7-22-25									
214800	07/22/25		22509235	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	146.65
INVOICE:	53207468/7-22-25									
214800	07/22/25		22509235	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	81.97
INVOICE:	53207468/7-22-25									
214800	07/22/25		22509235	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	21.26
INVOICE:	53207468/7-22-25									
214800	07/22/25		22509235	101498	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	34.22
INVOICE:	53207468/7-22-25									
214801	07/22/25		22600904	101498	P	08/29/25	50295210	610104	WATER	130.90
INVOICE:	65370841/7-22-25									
214801	07/22/25		22600904	101498	P	08/29/25	50295210	610109	MEETING & TRAVEL	1,103.64
INVOICE:	65370841/7-22-25									
214801	07/22/25		22600904	101498	P	08/29/25	50295210	620137	LAB TESTS & SUPPLIES	438.92
INVOICE:	65370841/7-22-25									
214802	07/22/25		22600832	101498	P	08/29/25	10152010	610121	DUES & SUBSCRIPTIONS	149.97
INVOICE:	53207468/7-22-25(1)									
214802	07/22/25		22600832	101498	P	08/29/25	10152010	610129	OTHER EXPENSE	1,409.73
INVOICE:	53207468/7-22-25(1)									
214802	07/22/25		22600832	101498	P	08/29/25	10152010	620115	ATHLETIC FIELD SUPP	99.59

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 53207468/7-22-25(1)									
	214802	07/22/25		22600832	101498	P	08/29/25	10152050 610121	DUES & SUBSCRIPTIONS	8.99
	INVOICE: 53207468/7-22-25(1)									
	214802	07/22/25		22600832	101498	P	08/29/25	10152050 610129	OTHER EXPENSE	20.30
	INVOICE: 53207468/7-22-25(1)									
	214802	07/22/25		22600832	101498	P	08/29/25	10152050 620115	ATHLETIC FIELD SUPP	225.36
	INVOICE: 53207468/7-22-25(1)									
	214802	07/22/25		22600832	101498	P	08/29/25	10152080 610129	OTHER EXPENSE	282.75
	INVOICE: 53207468/7-22-25(1)									
	214803	07/22/25		22600833	101498	P	08/29/25	10152080 620115	ATHLETIC FIELD SUPP	507.30
	INVOICE: 53207468/7-22-25(2)									
	214804	07/22/25		22600571	101498	P	08/29/25	10151010 610129	OTHER EXPENSE	789.96
	INVOICE: 01951943/7-22-25									
	214805	07/22/25		22600558	101498	P	08/29/25	10151010 620130	MAINTENANCE SUPPLIES	115.00
	INVOICE: 01951943/7-22-25(1)									
	214805	07/22/25		22600558	101498	P	08/29/25	10151010 620140	SMALL TOOLS	363.51
	INVOICE: 01951943/7-22-25(1)									
	214806	07/22/25		22600873	101498	P	08/29/25	10121050 610123	TRAINING	625.00
	INVOICE: 74188200/7-22-25									
	214807	02/24/25		22506188	101498	P	08/29/25	101 300100	FB RESRVD FOR ENCUMBRANCE	1,882.32
	INVOICE: 69502431/2-24-25(5)									
	VENDOR TOTALS	823,750.56 YTD INVOICED						81,806.23 YTD PAID		21,644.25
355	UNDERGROUND SERV ALERT									
	214600	08/01/25		22600896	101499	P	08/29/25	10132010 610113	PROFESSIONAL FEES (O)	13.63
	INVOICE: 25-260193									
	214600	08/01/25		22600896	101499	P	08/29/25	50195100 610113	PROFESSIONAL FEES (O)	13.63
	INVOICE: 25-260193									
	214600	08/01/25		22600896	101499	P	08/29/25	50295200 610113	PROFESSIONAL FEES (O)	13.64
	INVOICE: 25-260193									
	214601	08/01/25		22600896	101499	P	08/29/25	10132010 610113	PROFESSIONAL FEES (O)	34.67
	INVOICE: 720250261									
	214601	08/01/25		22600896	101499	P	08/29/25	50195100 610113	PROFESSIONAL FEES (O)	34.67
	INVOICE: 720250261									
	214601	08/01/25		22600896	101499	P	08/29/25	50295200 610113	PROFESSIONAL FEES (O)	34.66
	INVOICE: 720250261									
	VENDOR TOTALS	2,872.42 YTD INVOICED						144.90 YTD PAID		144.90
9871	USA BLUE BOOK									
	214602	08/04/25		22600779	101500	P	08/29/25	50295210 630108	FIELD/SHOP EQUIP. MAINT.	14,995.06
	INVOICE: INV00786447									
	214701	08/18/25		22600921	101500	P	08/29/25	50195110 620137	LAB TESTS & SUPPLIES	3,139.25
	INVOICE: INV00800325									
	VENDOR TOTALS	57,879.78 YTD INVOICED						22,255.36 YTD PAID		18,134.31
7951	VESTIS SERVICES, LLC									
	214603	08/01/25		22600775	101501	P	08/29/25	50295210 610125	UNIFORM RENTAL	69.19
	INVOICE: 5220556616									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
214604	08/01/25		22600775	101501	P	08/29/25	50295210 620128	JANITORIAL SUPPLIES	152.32
INVOICE:	5220556617								
214605	08/08/25		22600814	101501	P	08/29/25	10118010 610125	UNIFORM RENTAL	113.39
INVOICE:	5220559586								
214606	08/08/25		22600814	101501	P	08/29/25	10118010 620128	JANITORIAL SUPPLIES	54.70
INVOICE:	5220559587								
214607	08/01/25		22600751	101501	P	08/29/25	10152060 610125	UNIFORM RENTAL	29.60
INVOICE:	5220556614								
214608	08/01/25		22600751	101501	P	08/29/25	10152060 610125	UNIFORM RENTAL	15.10
INVOICE:	5220556624								
214609	07/04/25		22600883	101501	P	08/29/25	10132010 610125	UNIFORM RENTAL	54.31
INVOICE:	5220544713								
214610	07/11/25		22600883	101501	P	08/29/25	10132010 610125	UNIFORM RENTAL	54.31
INVOICE:	5220547701								
214611	07/11/25		22600883	101501	P	08/29/25	50195100 610125	UNIFORM RENTAL	40.19
INVOICE:	5220547702								
214611	07/11/25		22600883	101501	P	08/29/25	50295200 610125	UNIFORM RENTAL	40.18
INVOICE:	5220547702								
214612	07/04/25		22600572	101501	P	08/29/25	10152020 620128	JANITORIAL SUPPLIES	73.61
INVOICE:	5220544710								
214613	07/11/25		22600572	101501	P	08/29/25	10152020 620128	JANITORIAL SUPPLIES	73.61
INVOICE:	5220547698								
214614	07/18/25		22600572	101501	P	08/29/25	10152020 620128	JANITORIAL SUPPLIES	73.61
INVOICE:	5220550690								
214615	07/25/25		22600572	101501	P	08/29/25	10152020 620128	JANITORIAL SUPPLIES	73.61
INVOICE:	5220553668								
214616	07/04/25		22600572	101501	P	08/29/25	10152020 610125	UNIFORM RENTAL	16.94
INVOICE:	5220544711								
214617	07/11/25		22600572	101501	P	08/29/25	10152020 610125	UNIFORM RENTAL	16.94
INVOICE:	5220547699								
214618	07/18/25		22600572	101501	P	08/29/25	10152020 610125	UNIFORM RENTAL	16.94
INVOICE:	5220550691								
214619	07/25/25		22600572	101501	P	08/29/25	10152020 610125	UNIFORM RENTAL	14.52
INVOICE:	5220553669								
214620	07/04/25		22600572	101501	P	08/29/25	10152050 620128	JANITORIAL SUPPLIES	33.16
INVOICE:	5220544709								
214621	07/11/25		22600572	101501	P	08/29/25	10152050 620128	JANITORIAL SUPPLIES	33.16
INVOICE:	5220547697								
214622	07/18/25		22600572	101501	P	08/29/25	10152050 620128	JANITORIAL SUPPLIES	33.16
INVOICE:	5220550689								
214623	07/25/25		22600572	101501	P	08/29/25	10152050 620128	JANITORIAL SUPPLIES	33.16
INVOICE:	5220553667								
214624	07/04/25		22600550	101501	P	08/29/25	10151010 610125	UNIFORM RENTAL	32.54
INVOICE:	5220544702								
214624	07/04/25		22600550	101501	P	08/29/25	10151010 620128	JANITORIAL SUPPLIES	32.93
INVOICE:	5220544702								
214625	07/11/25		22600550	101501	P	08/29/25	10151010 610125	UNIFORM RENTAL	32.54
INVOICE:	5220547690								
214625	07/11/25		22600550	101501	P	08/29/25	10151010 620128	JANITORIAL SUPPLIES	38.05
INVOICE:	5220547690								
214626	07/18/25		22600550	101501	P	08/29/25	10151010 610125	UNIFORM RENTAL	32.54

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 5220550682									
	214626	07/18/25		22600550	101501	P	08/29/25	10151010 620128	JANITORIAL SUPPLIES	32.93
	INVOICE: 5220550682									
	214627	07/25/25		22600550	101501	P	08/29/25	10151010 610125	UNIFORM RENTAL	38.05
	INVOICE: 5220553660									
	214627	07/25/25		22600550	101501	P	08/29/25	10151010 620128	JANITORIAL SUPPLIES	32.54
	INVOICE: 5220553660									
	214653	08/08/25		22600905	101501	P	08/29/25	50295210 610125	UNIFORM RENTAL	87.47
	INVOICE: 5220559581									
	214654	08/08/25		22600905	101501	P	08/29/25	50295210 620128	JANITORIAL SUPPLIES	152.32
	INVOICE: 5220559582									
	214655	08/15/25		22600905	101501	P	08/29/25	50295210 610125	UNIFORM RENTAL	68.97
	INVOICE: 5220562561									
	214656	08/15/25		22600905	101501	P	08/29/25	50295210 620128	JANITORIAL SUPPLIES	152.32
	INVOICE: 5220562562									
	214702	08/01/25		22600804	101501	P	08/29/25	50195110 620128	JANITORIAL SUPPLIES	97.44
	INVOICE: 5220556619									
	214703	08/08/25		22600804	101501	P	08/29/25	50195110 620128	JANITORIAL SUPPLIES	97.44
	INVOICE: 5220559584									
	214704	08/01/25		22600804	101501	P	08/29/25	50195110 610125	UNIFORM RENTAL	91.31
	INVOICE: 5220556620									
	214705	08/08/25		22600804	101501	P	08/29/25	50195110 610125	UNIFORM RENTAL	88.31
	INVOICE: 5220559585									
	214706	08/08/25			101501	P	08/29/25	50195110 610125	UNIFORM RENTAL	-275.50
	INVOICE: 522004421									
	214707	08/15/25		22600945	101501	P	08/29/25	10118010 610125	UNIFORM RENTAL	143.39
	INVOICE: 5220562566									
	214708	08/15/25		22600945	101501	P	08/29/25	10118010 620128	JANITORIAL SUPPLIES	54.70
	INVOICE: 5220562567									
	VENDOR TOTALS		61,746.62 YTD INVOICED					7,341.04 YTD PAID		2,146.00
1577	VIC'S AIR CONDITIONING & ELECTRICAL									
	214629	08/14/25		22600891	101502	P	08/29/25	10118010 630101	BUILDING MAINT.	95.00
	INVOICE: 102336									
	214652	08/23/25		22600926	101502	P	08/29/25	10118010 630101	BUILDING MAINT.	4,700.00
	INVOICE: 102471									
	VENDOR TOTALS		85,610.21 YTD INVOICED					4,795.00 YTD PAID		4,795.00
9097	VIRTUAL PROJECT MANAGER LLC									
	214630	08/01/25		22600782	101503	P	08/29/25	20532040 610113	PROFESSIONAL FEES/OTHER	600.00
	INVOICE: 12-4612									
	214630	08/01/25		22600782	101503	P	08/29/25	50195110 610113	PROFESSIONAL FEES (O)	200.00
	INVOICE: 12-4612									
	214630	08/01/25		22600782	101503	P	08/29/25	50295210 610113	PROFESSIONAL FEES (O)	200.00
	INVOICE: 12-4612									
	VENDOR TOTALS		12,000.00 YTD INVOICED					2,000.00 YTD PAID		1,000.00
528	WAXIE SANITARY SUPPLY									

PAID INVOICES REPORT

WARRANT: 082925 TO FISCAL 2025/12 08/01/2025 TO 08/29/2025

VENDOR	NAME / DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT		GL ACCOUNT DESCRIPTION	
	214632	07/24/25		22600801	101504	P	08/29/25	50195110	620128	JANITORIAL SUPPLIES	222.68
	INVOICE: 83389588										
	214633	05/13/25		22509184	101504	P	08/29/25	101	300100	FB RESRVD FOR ENCUMBRANCE	63.41
	INVOICE: 83232676										
	VENDOR TOTALS		56,478.83 YTD INVOICED						8,089.02 YTD PAID		286.09
2395	WESTAIR GASES & EQUIPMENT INC.										
	214634	07/31/25		22600765	101505	P	08/29/25	10123040	610111	EQUIPMENT RENTAL	308.90
	INVOICE: 0080681128										
	VENDOR TOTALS		4,505.73 YTD INVOICED						308.90 YTD PAID		308.90
1566	WILLDAN FINANCIAL SERVICES										
	214763	06/23/25		22601013	101506	P	08/29/25	27399100	610113	PROFESSIONAL FEES (O)	15.73
	INVOICE: 010-62335										
	VENDOR TOTALS		18,857.92 YTD INVOICED						11,035.28 YTD PAID		15.73
3543	ZAMORA'S BACKFLOW SERVICES										
	214657	08/14/25		22600822	101507	P	08/29/25	10118020	630101	BUILDING MAINT.	380.00
	INVOICE: 8326										
	VENDOR TOTALS		8,090.00 YTD INVOICED						1,570.00 YTD PAID		380.00
										REPORT TOTALS	523,147.28

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	128	523,147.28

** END OF REPORT - Generated by Esmeralda Nunez **

WARRANT: AUGUST 2025

Elizabeth Fuchen
INTERIM FINANCE DIRECTOR

Approve Payroll Registers for the month of August 2025.

CITY MANAGER'S RECOMMENDATION:
Approve Payroll Registers for the Month of August 2025.

FISCAL IMPACT:

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

BACKGROUND:

DISCUSSION:

CONCLUSION:

ATTACHMENTS:
1. PAYROLL REGISTERS AUGUST 2025

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: M0806 PAYROLL TYPE: MISC CHECK DATE: 08/06/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	61.00	2,039.04	0.00	0.00
310 SICK	10.00	334.27	0.00	0.00
340 PN	9.00	300.84	0.00	0.00
410 BLNG	80.00	40.00	0.00	0.00
485 ACT %	0.00	267.41	0.00	0.00
Total:	160.00	2,981.56	0.00	0.00
Total Employees: 1				

Report generated: 08/05/2025 17:10
User: czambrano
Program ID: prpyddpf

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: M0806 PAYROLL TYPE: MISC CHECK DATE: 08/06/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS	FICA/MED CALC
1100	MEDI 1.45%	39.90	39.90	79.80	2,751.88 X 2.90% =	79.80
2005	BASIC LIFE	0.00	3.35	3.35	2,981.56	
2006	DEP LIFE	0.00	0.50	0.50	2,981.56	
2007	BASIC AD&D	0.00	0.18	0.18	2,981.56	
2300	MED INS	150.89	367.82	518.71	2,981.56	
2320	EAP	0.00	0.72	0.72	2,981.56	
2325	VISION	0.00	6.66	6.66	2,981.56	
2335	LTD	0.00	5.46	5.46	2,674.15	
2336	STD	0.00	6.97	6.97	2,674.15	
2345	WORKERS COMP	0.00	268.34	268.34	2,981.56	
2405	CANCER	21.10	0.00	21.10	2,981.56	
2407	S125 MED	57.69	0.00	57.69	2,981.56	
3000	FIT	328.85	0.00	328.85	2,561.89	
4000	SIT	114.24	0.00	114.24	2,561.89	
7000	CALPERS ER	0.00	260.83	260.83	2,714.15	
7001	CALPERS EE	189.99	0.00	189.99	2,714.15	
7015	SURVIVOR BEN	0.93	0.00	0.93	2,981.56	
Total:		903.59	960.73	1,864.32		
Total Employees: 1						

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
07/22/2025-08/04/2025
PAYDATE: 08/6/2025

Miguel Felix
INTERIM FINANCE MANAGER

Report generated: 08/05/2025 17:10
User: czambrano
Program ID: prpyddpf

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M8624 PAYROLL TYPE: MISC CHECK DATE: 08/06/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
225 CTP	43.63	1,480.23	0.00	0.00
300 VAC	6.00	200.56	0.00	0.00
310 SICK	3.00	100.28	0.00	0.00
340 PN	9.00	300.84	0.00	0.00
345 VP	78.01	2,646.64	0.00	0.00
410 BLNG	18.00	9.00	0.00	0.00
485 ACT %	0.00	60.17	0.00	0.00
900 AWOP	62.00	0.00	0.00	0.00
Total:	219.64	4,797.72	0.00	0.00
Total Employees: 1				

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M8624 PAYROLL TYPE: MISC CHECK DATE: 08/06/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS	FICA/MED CALC
1100	MEDI 1.45%	66.23	66.23	132.46	4,568.04 X 2.90% =	132.47
2005	BASIC LIFE	0.00	3.35	3.35	4,797.72	
2007	BASIC AD&D	0.00	0.18	0.18	4,797.72	
2300	MED INS	150.89	367.82	518.71	670.85	
2320	EAP	0.00	0.72	0.72	670.85	
2325	VISION	0.00	6.66	6.66	670.85	
2335	LTD	0.00	1.23	1.23	601.68	
2336	STD	0.00	2.66	2.66	601.68	
2345	WORKERS COMP	0.00	60.38	60.38	670.85	
2405	CANCER	21.10	0.00	21.10	4,797.72	
2407	S125 MED	57.69	0.00	57.69	4,797.72	
3000	FIT	910.02	0.00	910.02	4,525.29	
4000	SIT	271.91	0.00	271.91	4,525.29	
7000	CALPERS ER	0.00	58.69	58.69	610.68	
7001	CALPERS EE	42.75	0.00	42.75	610.68	
7015	SURVIVOR BEN	0.93	0.00	0.93	4,797.72	
Total:		1,521.52	567.92	2,089.44		
Total Employees: 1						

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/05/2025-08/18/2025
PAYDATE: 08/6/2025

Miguel Felix
INTERIM FINANCE MANAGER

Report generated: 08/05/2025 17:44
User: czambrano
Program ID: prpyddpf

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: 080825 PAYROLL TYPE: BI WEEKLY CHECK DATE: 08/08/2025

EARNINGS SUMMARY

PAY	TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100	REG	19,647.75	616,201.83	0.00	0.00
150	HRLY	3,303.50	55,850.02	0.00	0.00
180	AWP	192.00	6,878.77	0.00	0.00
200	OT1.0	49.25	1,650.80	0.00	0.00
201	OT1.5	2,039.75	111,388.01	0.00	0.00
210	FLSA	80.00	2,477.06	0.00	0.00
215	OCP1.0	145.00	4,210.35	0.00	0.00
216	OCP1.5	72.00	3,318.12	0.00	0.00
217	CBP1.5	229.00	11,338.61	0.00	0.00
218	STBY	74.00	2,922.58	0.00	0.00
300	VAC	1,332.02	41,079.06	0.00	0.00
310	SICK	563.17	15,492.54	0.00	0.00
320	ADMN	45.00	1,996.45	0.00	0.00
330	ANNUAL	507.50	22,024.04	0.00	0.00
340	PN	149.50	4,422.85	0.00	0.00
350	CMP1.5	339.00	0.00	0.00	0.00
351	CMPUSD	311.50	10,062.23	0.00	0.00
352	CMP1.0	12.00	0.00	0.00	0.00
356	BDAY	25.00	792.90	0.00	0.00
360	BERE	32.00	761.96	0.00	0.00
400	CAR	1,891.60	1,514.89	0.00	0.00
410	BLNG	9,037.04	4,533.45	0.00	0.00
411	BLNG	0.00	40.00	0.00	0.00
415	PREM	771.60	964.50	0.00	0.00
420	EDI	5,507.60	7,444.54	0.00	0.00
440	CERT %	3,904.00	9,312.47	0.00	0.00
445	CERT	3,408.00	3,650.80	0.00	0.00
481	ACT	360.00	1,794.04	0.00	0.00
482	ACT-NP	276.00	730.49	0.00	0.00
483	ACT-NP	480.00	1,586.03	0.00	0.00
485	ACT %	0.00	1,533.14	0.00	0.00
510	EXPERT	1,600.00	2,077.00	0.00	0.00
515	FTO	28.00	980.00	0.00	0.00
520	HAZARD	1,520.00	2,038.23	0.00	0.00
523	SP ASS	1,040.00	1,006.19	0.00	0.00
530	SHIFT	1,040.00	1,290.00	0.00	0.00
600	LONG	240.00	138.46	0.00	0.00
737	SM	416.00	230.77	0.00	0.00
800	4850	20.00	788.08	0.00	0.00
801	DI	106.60	3,037.41	0.00	0.00
805	RETR	0.00	7,028.76	0.00	0.00
806	RETO	0.00	1,156.92	0.00	0.00
850	OS	0.00	3,827.88	0.00	0.00
866	SIG BO	0.00	7,000.00	0.00	0.00
900	AWOP	205.96	0.00	0.00	0.00
990	LFE>50	0.00	787.35	0.00	0.00
Total:		61,001.34	977,359.58	0.00	0.00

Total Employees: 361

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: 080825 PAYROLL TYPE: BI WEEKLY CHECK DATE: 08/08/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS	FICA/MED CALC
1000	FICA 6.2%	2,885.97	2,885.97	5,771.94	46,548.13 X 12.40% =	5,771.97
1100	MEDI 1.45%	13,456.26	13,456.26	26,912.52	928,025.20 X 2.90% =	26,912.73
2000	ADD FAMILY	129.38	0.00	129.38	92,595.82	
2001	ADD IND	109.80	0.00	109.80	84,008.70	
2004	BASIC AD&D F	0.00	15.75	15.75	156,232.52	
2005	BASIC LIFE	0.00	887.75	887.75	906,527.22	
2006	DEP LIFE	0.00	134.00	134.00	909,200.86	
2007	BASIC AD&D	0.00	41.76	41.76	759,595.18	
2010	TERM LIFE	1,564.40	0.00	1,564.40	391,365.95	
2050	ADDL LFE SPO	260.25	0.00	260.25	220,641.30	
2051	ADDL SPS CHI	43.00	0.00	43.00	181,490.53	
2055	SUP LIFE	0.00	207.30	207.30	375,520.85	
2300	MED INS	35,770.13	131,672.41	167,442.54	842,623.33	
2320	EAP	0.00	272.70	272.70	977,359.58	
2325	VISION	0.00	1,038.96	1,038.96	612,944.76	
2330	ADMN	0.00	94.05	94.05	51,319.34	
2334	LTD	0.00	210.07	210.07	102,987.29	
2335	LTD	0.00	1,241.02	1,241.02	612,855.28	
2336	STD	0.00	1,600.89	1,600.89	612,855.28	
2345	WORKERS COMP	0.00	73,727.19	73,727.19	820,984.54	
2400	ACCIDENT	877.92	0.00	877.92	172,235.84	
2405	CANCER	1,234.45	0.00	1,234.45	175,340.87	
2406	ICU	60.44	0.00	60.44	18,840.71	
2407	S125 MED	4,710.74	0.00	4,710.74	300,630.67	
2408	S125 DEP CAR	754.00	0.00	754.00	28,697.60	
2409	PERSONAL REC	297.63	0.00	297.63	36,988.79	
2450	STD	767.25	0.00	767.25	61,471.90	
2900	DEF - LINC	5,312.00	0.00	5,312.00	174,170.64	
2901	DEF NRS	895.00	0.00	895.00	37,785.31	
2902	DEF PERS	100.00	0.00	100.00	9,863.40	
3000	FIT	77,576.07	0.00	77,576.07	844,906.19	
4000	SIT	26,472.07	0.00	26,472.07	844,906.19	
6000	CHILD SUPP	2,845.38	0.00	2,845.38	36,893.18	
6550	MISC	50.00	0.00	50.00	1,929.54	
7000	CALPERS ER	0.00	16,964.06	16,964.06	176,525.05	
7001	CALPERS EE	12,356.76	0.00	12,356.76	176,525.05	
7002	CALPERS EE	21,210.43	0.00	21,210.43	285,841.34	
7003	CALPERS PREP	0.00	26,308.74	26,308.74	285,841.34	
7010	CALPERS ER	0.00	47,244.23	47,244.23	179,295.02	
7011	CALPERS EE	21,515.42	0.00	21,515.42	179,295.02	
7012	CALPERS EE	21,516.31	0.00	21,516.31	158,603.97	
7013	CALPERS ER	0.00	22,189.79	22,189.79	158,603.97	
7015	SURVIVOR BEN	263.19	0.00	263.19	930,811.45	
8110	AT ACCIDENT	17.96	0.00	17.96	24,242.38	
8151	AT AD&D IND	0.30	0.00	0.30	3,813.23	
8175	AT-ROTH LINC	325.00	0.00	325.00	12,848.81	
8500	FFA DUES	1,460.00	0.00	1,460.00	199,311.91	
8515	POA DUES	2,940.00	0.00	2,940.00	226,758.96	

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: 080825 PAYROLL TYPE: BI WEEKLY CHECK DATE: 08/08/2025

8535	ARAG LEGAL	306.63	0.00	306.63	111,449.64
9996	DIRECT DEP	950.00	0.00	950.00	11,358.50
9997	DIRECT DEP	520.00	0.00	520.00	7,080.92
9998	DIRECT DEP	14,723.63	0.00	14,723.63	103,971.75
9999	DIRECT DEP	646,706.61	0.00	646,706.61	906,972.78
Total:		920,984.38	340,192.90	1,261,177.28	

Total Employees: 361

** END OF REPORT - Generated by Cristhian Zambrano **

07/22/2025-08/04/2025
PAYDATE: 08/08/2025

Miguel Felix
INTERIM FINANCE MANAGER

Report generated: 08/07/2025 08:28
User: czambrano
Program ID: prpyddpf

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: V0808 PAYROLL TYPE: VOID CHECK DATE: 08/08/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	-160.00	-7,308.00	0.00	0.00
201 OT1.5	-28.00	-2,115.23	0.00	0.00
410 BLNG	-160.00	-100.00	0.00	0.00
420 EDI	-160.00	-450.00	0.00	0.00
530 SHIFT	-160.00	-200.00	0.00	0.00
Total:	-668.00	-10,173.23	0.00	0.00
Total Employees: 1				

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: V0808 PAYROLL TYPE: VOID CHECK DATE: 08/08/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS		FICA/MED CALC
1100	MEDI 1.45%	-146.73	-146.73	-293.46	-10,119.34 X	2.90% =	-293.46
2005	BASIC LIFE	0.00	-3.35	-3.35	-10,173.23		
2006	DEP LIFE	0.00	-0.50	-0.50	-10,173.23		
2007	BASIC AD&D	0.00	-0.18	-0.18	-10,173.23		
2055	SUP LIFE	0.00	-1.50	-1.50	-10,173.23		
2300	MED INS	-53.89	-367.82	-421.71	-10,173.23		
2320	EAP	0.00	-0.72	-0.72	-10,173.23		
2325	VISION	0.00	-6.66	-6.66	-10,173.23		
2335	LTD	0.00	-12.75	-12.75	-7,308.00		
2336	STD	0.00	-6.97	-6.97	-7,308.00		
2345	WORKERS COMP	0.00	-725.22	-725.22	-8,058.00		
3000	FIT	-1,488.49	0.00	-1,488.49	-9,152.38		
4000	SIT	-621.92	0.00	-621.92	-9,152.38		
7010	CALPERS ER	0.00	-2,123.28	-2,123.28	-8,058.00		
7011	CALPERS EE	-966.96	0.00	-966.96	-8,058.00		
7015	SURVIVOR BEN	-0.93	0.00	-0.93	-10,173.23		
8515	POA DUES	-60.00	0.00	-60.00	-10,173.23		
9999	DIRECT DEP	-6,834.31	0.00	-6,834.31	-10,173.23		
Total:		-10,173.23	-3,395.68	-13,568.91			
Total Employees: 1							

** END OF REPORT - Generated by Cristhian Zambrano **

VOID CHECK
Reason: VOID Check
07/22/2025-08/04/2025
PAYDATE: 08/08/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: M0808 PAYROLL TYPE: MISC CHECK DATE: 08/08/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	80.00	3,654.00	0.00	0.00
201 OT1.5	28.00	2,115.23	0.00	0.00
410 BLNG	80.00	50.00	0.00	0.00
420 EDI	80.00	225.00	0.00	0.00
530 SHIFT	80.00	100.00	0.00	0.00
Total:	348.00	6,144.23	0.00	0.00
Total Employees: 1				

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: M0808 PAYROLL TYPE: MISC CHECK DATE: 08/08/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS	FICA/MED CALC
1100	MEDI 1.45%	88.31	88.31	176.62	6,090.34 X 2.90% =	176.62
2005	BASIC LIFE	0.00	3.35	3.35	6,144.23	
2006	DEP LIFE	0.00	0.50	0.50	6,144.23	
2007	BASIC AD&D	0.00	0.18	0.18	6,144.23	
2055	SUP LIFE	0.00	1.50	1.50	6,144.23	
2300	MED INS	53.89	367.82	421.71	6,144.23	
2320	EAP	0.00	0.72	0.72	6,144.23	
2325	VISION	0.00	6.66	6.66	6,144.23	
2335	LTD	0.00	7.45	7.45	3,654.00	
2336	STD	0.00	6.97	6.97	3,654.00	
2345	WORKERS COMP	0.00	362.61	362.61	4,029.00	
3000	FIT	697.59	0.00	697.59	5,606.86	
4000	SIT	259.75	0.00	259.75	5,606.86	
7010	CALPERS ER	0.00	1,061.64	1,061.64	4,029.00	
7011	CALPERS EE	483.48	0.00	483.48	4,029.00	
7015	SURVIVOR BEN	0.93	0.00	0.93	6,144.23	
8515	POA DUES	60.00	0.00	60.00	6,144.23	
Total:		1,643.95	1,907.71	3,551.66		

Total Employees: 1

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
07/22/2025-08/08/2025
PAYDATE: 08/08/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: M8825 PAYROLL TYPE: MISC CHECK DATE: 08/08/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
150 HRLY	54.00	908.50	0.00	0.00
Total:	54.00	908.50	0.00	0.00
Total Employees: 1				

Report generated: 08/12/2025 14:19
User: czambrano
Program ID: prpyddpf

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 07/22/25 To 08/04/25

WARRANT: M8825 PAYROLL TYPE: MISC CHECK DATE: 08/08/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS	FICA/MED CALC
1000	FICA 6.2%	56.33	56.33	112.66	908.50 X 12.40% =	112.65
1100	MEDI 1.45%	13.18	13.18	26.36	908.50 X 2.90% =	26.35
2320	EAP	0.00	0.72	0.72	908.50	
2345	WORKERS COMP	0.00	81.77	81.77	908.50	
3000	FIT	33.16	0.00	33.16	908.50	
4000	SIT	10.75	0.00	10.75	908.50	
Total:		113.42	152.00	265.42		
Total Employees: 1						

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
07/22/2025-08/08/2025
PAYDATE: 08/08/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M0818 PAYROLL TYPE: MISC CHECK DATE: 08/18/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	24.00	566.86	0.00	0.00
310 SICK	48.00	1,133.72	0.00	0.00
345 VP	127.39	3,008.85	0.00	0.00
356 BDAY	8.00	188.95	0.00	0.00
805 RETR	0.00	246.00	0.00	0.00
Total:	207.39	5,144.38	0.00	0.00
Total Employees: 1				

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M0818 PAYROLL TYPE: MISC CHECK DATE: 08/18/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS			FICA/MED CALC
1100	MEDI 1.45%	72.41	72.41	144.82	4,993.49	X	2.90% =	144.81
2005	BASIC LIFE	0.00	3.35	3.35	5,144.38			
2007	BASIC AD&D	0.00	0.18	0.18	5,144.38			
2300	MED INS	150.89	367.82	518.71	2,135.53			
2320	EAP	0.00	0.72	0.72	2,135.53			
2335	LTD	0.00	3.85	3.85	1,889.53			
2336	STD	0.00	6.97	6.97	1,889.53			
2345	WORKERS COMP	0.00	170.06	170.06	1,889.53			
3000	FIT	787.56	0.00	787.56	4,827.98			
4000	SIT	226.83	0.00	226.83	4,827.98			
7002	CALPERS EE	165.51	0.00	165.51	4,271.06			
7003	CALPERS PREP	0.00	205.22	205.22	4,271.06			
7015	SURVIVOR BEN	0.93	0.00	0.93	5,144.38			
Total:		1,404.13	830.58	2,234.71				
Total Employees: 1								

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/05/2025-08/18/2025
PAYDATE: 08/18/2025

Miguel Felix
INTERIM FINANCE MANAGER

Report generated: 08/18/2025 10:13
User: czambrano
Program ID: prpyddpf

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: 082225 PAYROLL TYPE: BI WEEKLY CHECK DATE: 08/22/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	19,338.25	611,849.33	0.00	0.00
150 HRLY	2,976.00	50,342.95	0.00	0.00
180 AWP	-16.00	1,414.48	0.00	0.00
200 OT1.0	154.25	5,087.18	0.00	0.00
201 OT1.5	3,318.25	174,483.62	0.00	0.00
210 FLSA	155.00	4,864.28	0.00	0.00
215 OCP1.0	129.00	3,792.45	0.00	0.00
216 OCP1.5	52.00	2,827.86	0.00	0.00
217 CBP1.5	165.00	7,546.43	0.00	0.00
218 STBY	74.00	2,590.24	0.00	0.00
226 CTPS	25.00	869.71	0.00	0.00
300 VAC	1,662.40	48,009.08	0.00	0.00
310 SICK	508.19	13,029.61	0.00	0.00
315 SICK-C	5.00	143.22	0.00	0.00
320 ADMN	26.00	1,687.96	0.00	0.00
330 ANNUAL	346.47	14,426.88	0.00	0.00
340 PN	201.00	5,272.88	0.00	0.00
345 VP	140.00	4,379.58	0.00	0.00
350 CMP1.5	424.75	0.00	0.00	0.00
351 CMPUSD	330.50	9,948.58	0.00	0.00
352 CMP1.0	43.00	0.00	0.00	0.00
356 BDAY	86.00	2,543.79	0.00	0.00
360 BERE	18.00	403.86	0.00	0.00
400 CAR	1,920.00	1,523.08	0.00	0.00
410 BLNG	9,116.44	4,558.90	0.00	0.00
411 BLNG	0.00	40.00	0.00	0.00
415 PREM	800.00	1,000.00	0.00	0.00
420 EDI	5,696.00	7,496.16	0.00	0.00
440 CERT %	3,904.00	9,312.47	0.00	0.00
445 CERT	3,408.00	3,650.80	0.00	0.00
480 ACT	80.00	168.14	0.00	0.00
481 ACT	421.00	1,866.58	0.00	0.00
482 ACT-NP	400.00	832.14	0.00	0.00
483 ACT-NP	551.50	1,729.69	0.00	0.00
485 ACT %	0.00	1,654.80	0.00	0.00
510 EXPERT	1,600.00	2,077.00	0.00	0.00
515 FTO	47.00	1,645.00	0.00	0.00
520 HAZARD	1,520.00	2,046.83	0.00	0.00
523 SP ASS	960.00	932.34	0.00	0.00
530 SHIFT	1,108.00	1,385.00	0.00	0.00
600 LONG	240.00	138.46	0.00	0.00
737 SM	416.00	230.77	0.00	0.00
800 4850	331.50	12,180.78	0.00	0.00
801 DI	112.63	3,271.61	0.00	0.00
805 RETR	0.00	6,530.21	0.00	0.00
806 RETO	0.00	202.07	0.00	0.00
865 REF BO	0.00	2,000.00	0.00	0.00
866 SIG BO	0.00	14,000.00	0.00	0.00
900 AWOP	188.56	0.00	0.00	0.00

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: 082225 PAYROLL TYPE: BI WEEKLY CHECK DATE: 08/22/2025

990 LFE>50	0.00	787.35	0.00	0.00
Total:	62,982.69	1,046,774.15	0.00	0.00
Total Employees: 352				

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: 082225 PAYROLL TYPE: BI WEEKLY CHECK DATE: 08/22/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS	FICA/MED CALC
1000	FICA 6.2%	2,593.57	2,593.57	5,187.14	41,832.13 X 12.40% =	5,187.18
1100	MEDI 1.45%	14,339.27	14,339.27	28,678.54	988,915.06 X 2.90% =	28,678.54
2000	ADD FAMILY	129.38	0.00	129.38	109,307.09	
2001	ADD IND	109.80	0.00	109.80	89,427.12	
2004	BASIC AD&D F	0.00	15.75	15.75	215,094.15	
2005	BASIC LIFE	0.00	891.10	891.10	975,927.35	
2006	DEP LIFE	0.00	1.00	1.00	69,284.39	
2007	BASIC AD&D	0.00	41.94	41.94	774,319.92	
2010	TERM LIFE	1,564.40	0.00	1,564.40	434,180.74	
2050	ADDL LFE SPO	260.25	0.00	260.25	246,286.19	
2051	ADDL SPS CHI	43.00	0.00	43.00	202,626.44	
2055	SUP LIFE	0.00	208.80	208.80	375,712.57	
2300	MED INS	35,730.78	132,005.29	167,736.07	912,457.87	
2320	EAP	0.00	269.82	269.82	1,041,524.86	
2325	VISION	0.00	1,045.62	1,045.62	642,980.91	
2330	ADMN	0.00	102.60	102.60	37,955.12	
2334	LTD	0.00	210.07	210.07	102,987.32	
2335	LTD	0.00	1,244.43	1,244.43	613,489.20	
2336	STD	0.00	1,607.53	1,607.53	613,489.20	
2345	WORKERS COMP	0.00	73,631.70	73,631.70	819,923.60	
2400	ACCIDENT	877.92	0.00	877.92	177,015.74	
2405	CANCER	1,234.45	0.00	1,234.45	186,703.06	
2406	ICU	60.44	0.00	60.44	16,274.98	
2407	S125 MED	4,710.74	0.00	4,710.74	359,150.58	
2408	S125 DEP CAR	754.00	0.00	754.00	33,207.29	
2409	PERSONAL REC	297.63	0.00	297.63	36,938.92	
2450	STD	767.25	0.00	767.25	60,768.91	
2900	DEF - LINC	5,637.00	0.00	5,637.00	193,503.20	
2901	DEF NRS	895.00	0.00	895.00	41,526.04	
2902	DEF PERS	100.00	0.00	100.00	9,863.40	
3000	FIT	93,258.79	0.00	93,258.79	905,270.82	
4000	SIT	33,316.20	0.00	33,316.20	905,270.82	
6000	CHILD SUPP	2,845.38	0.00	2,845.38	32,054.73	
6550	MISC	50.00	0.00	50.00	1,929.54	
7000	CALPERS ER	0.00	17,873.94	17,873.94	218,267.58	
7001	CALPERS EE	13,005.59	0.00	13,005.59	218,267.58	
7002	CALPERS EE	20,512.83	0.00	20,512.83	286,739.48	
7003	CALPERS PREP	0.00	25,438.65	25,438.65	286,739.48	
7010	CALPERS ER	0.00	46,895.59	46,895.59	177,971.88	
7011	CALPERS EE	21,356.61	0.00	21,356.61	177,971.88	
7012	CALPERS EE	22,899.68	0.00	22,899.68	157,928.53	
7013	CALPERS ER	0.00	23,626.15	23,626.15	157,928.53	
7015	SURVIVOR BEN	265.98	0.00	265.98	1,004,942.02	
8110	AT ACCIDENT	17.96	0.00	17.96	22,316.96	
8151	AT AD&D IND	0.30	0.00	0.30	3,813.23	
8175	AT-ROTH LINC	325.00	0.00	325.00	12,718.32	
8500	FFA DUES	1,460.00	0.00	1,460.00	267,323.86	
8515	POA DUES	2,940.00	0.00	2,940.00	223,842.87	

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: 082225 PAYROLL TYPE: BI WEEKLY CHECK DATE: 08/22/2025

8535	ARAG LEGAL	306.63	0.00	306.63	125,385.44
9996	DIRECT DEP	1,050.00	0.00	1,050.00	14,813.42
9997	DIRECT DEP	520.00	0.00	520.00	9,302.63
9998	DIRECT DEP	14,473.63	0.00	14,473.63	108,670.82
9999	DIRECT DEP	691,868.06	0.00	691,868.06	975,252.10
Total:		990,577.52	342,042.82	1,332,620.34	
Total Employees: 352					

** END OF REPORT - Generated by Cristhian Zambrano **

08/05/2025-08/18/2025
PAYDATE: 08/22/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M0822 PAYROLL TYPE: MISC CHECK DATE: 08/22/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
150 HRLY	80.00	1,389.20	0.00	0.00
226 CTPS	40.00	1,775.36	0.00	0.00
900 AWOP	80.00	0.00	0.00	0.00
990 LFE>50	0.00	13.75	0.00	0.00
Total:	200.00	3,178.31	0.00	0.00

Total Employees: 2

Report generated: 08/21/2025 11:27
User: czambrano
Program ID: prpyddpf

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M0822 PAYROLL TYPE: MISC CHECK DATE: 08/22/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS		FICA/MED CALC
1100	MEDI 1.45%	46.08	46.08	92.16	3,178.31 X	2.90% =	92.17
2345	WORKERS COMP	0.00	125.03	125.03	1,389.20		
3000	FIT	75.38	0.00	75.38	3,070.65		
4000	SIT	138.06	0.00	138.06	3,070.65		
7002	CALPERS EE	107.66	0.00	107.66	1,389.20		
7003	CALPERS PREP	0.00	133.50	133.50	1,389.20		
Total:		367.18	304.61	671.79			
Total Employees: 2							

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/05/2025-08/18/2025
PAYDATE: 08/22/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M822 PAYROLL TYPE: MISC CHECK DATE: 08/22/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
345 VP	99.72	2,095.36	0.00	0.00
900 AWOP	112.00	0.00	0.00	0.00
Total:	211.72	2,095.36	0.00	0.00
Total Employees: 1				

Report generated: 08/22/2025 10:12
User: czambrano
Program ID: prpyddpf

TOTALS PROOF

Pay Period 08/05/25 To 08/18/25

WARRANT: M822 PAYROLL TYPE: MISC CHECK DATE: 08/22/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS		FICA/MED CALC
1100	MEDI 1.45%	30.38	30.38	60.76	2,095.36 X	2.90% =	60.77
3000	FIT	460.98	0.00	460.98	2,095.36		
4000	SIT	138.29	0.00	138.29	2,095.36		
Total:		629.65	30.38	660.03			
Total Employees: 1							

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/05/2025-08/18/2025
PAYDATE: 08/22/2025

Miguel Felix
INTERIM FINANCE MANAGER

Report generated: 08/22/2025 10:12
User: czambrano
Program ID: prpyddpf

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M82225 PAYROLL TYPE: MISC CHECK DATE: 08/22/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	36.00	780.71	0.00	0.00
225 CTP	41.50	951.86	0.00	0.00
344 PNP	24.00	550.48	0.00	0.00
345 VP	120.22	2,757.43	0.00	0.00
530 SHIFT	36.00	45.00	0.00	0.00
900 AWOP	44.00	0.00	0.00	0.00
Total:	301.72	5,085.48	0.00	0.00
Total Employees: 1				

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M82225 PAYROLL TYPE: MISC CHECK DATE: 08/22/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS		FICA/MED CALC
1100	MEDI 1.45%	73.74	73.74	147.48	5,085.48 x	2.90% =	147.48
2335	LTD	0.00	1.59	1.59	780.71		
2336	STD	0.00	3.45	3.45	780.71		
2345	WORKERS COMP	0.00	74.31	74.31	825.71		
3000	FIT	949.20	0.00	949.20	5,021.49		
4000	SIT	280.01	0.00	280.01	5,021.49		
7002	CALPERS EE	63.99	0.00	63.99	825.71		
7003	CALPERS PREP	0.00	79.35	79.35	825.71		
7015	SURVIVOR BEN	0.93	0.00	0.93	5,085.48		
Total:		1,367.87	232.44	1,600.31			
Total Employees: 1							

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/19/2025-09/01/2025
PAYDATE: 08/22/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M83125 PAYROLL TYPE: MISC CHECK DATE: 08/31/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	99.00	3,529.46	0.00	0.00
225 CTP	0.08	2.29	0.00	0.00
300 VAC	8.00	229.15	0.00	0.00
310 SICK	27.00	773.39	0.00	0.00
330 ANNUAL	8.00	306.23	0.00	0.00
340 PN	18.00	515.60	0.00	0.00
345 VP	238.22	6,824.37	0.00	0.00
348 ALP	644.67	25,281.57	0.00	0.00
420 EDI	80.00	75.00	0.00	0.00
482 ACT-NP	80.00	31.50	0.00	0.00
485 ACT %	0.00	306.23	0.00	0.00
Total:	1,202.97	37,874.79	0.00	0.00
Total Employees: 2				

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M83125 PAYROLL TYPE: MISC CHECK DATE: 08/31/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS		FICA/MED CALC
1100	MEDI 1.45%	547.73	547.73	1,095.46	37,774.79 X	2.90% =	1,095.47
2335	LTD	0.00	10.92	10.92	5,353.83		
2336	STD	0.00	13.94	13.94	5,353.83		
2345	WORKERS COMP	0.00	518.99	518.99	5,766.56		
2407	S125 MED	100.00	0.00	100.00	28,759.35		
2900	DEF - LINC	200.00	0.00	200.00	28,759.35		
3000	FIT	5,958.25	0.00	5,958.25	37,173.33		
4000	SIT	1,818.10	0.00	1,818.10	37,173.33		
7000	CALPERS ER	0.00	551.14	551.14	5,735.06		
7001	CALPERS EE	401.46	0.00	401.46	5,735.06		
7015	SURVIVOR BEN	1.86	0.00	1.86	37,874.79		
Total:		9,027.40	1,642.72	10,670.12			
Total Employees: 2							

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/19/2025-09/01/2025
PAYDATE: 08/31/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M0831 PAYROLL TYPE: MISC CHECK DATE: 08/31/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
217 CBP1.5	10.00	429.66	0.00	0.00
340 PN	-9.00	-257.80	0.00	0.00
345 VP	9.00	257.80	0.00	0.00
356 BDAY	9.00	257.80	0.00	0.00
900 AWOP	80.00	0.00	0.00	0.00
Total:	99.00	687.46	0.00	0.00
Total Employees: 1				

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M0831 PAYROLL TYPE: MISC CHECK DATE: 08/31/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS		FICA/MED CALC
1100	MEDI 1.45%	9.97	9.97	19.94	687.46 X	2.90% =	19.94
3000	FIT	0.00	0.00	0.00	687.46		
4000	SIT	0.00	0.00	0.00	687.46		
Total:		9.97	9.97	19.94			
Total Employees: 1							

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/19/2025-09/01/2025
PAYDATE: 08/31/2025

Miguel Felix
INTERIM FINANCE MANAGER

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M82725 PAYROLL TYPE: MISC CHECK DATE: 08/27/2025

EARNINGS SUMMARY

PAY TYPE	HOURS	AMOUNT	PAY EARNED	ESCROW AMOUNT
100 REG	38.00	775.42	0.00	0.00
344 PNP	24.00	489.74	0.00	0.00
900 AWOP	42.00	0.00	0.00	0.00
Total:	104.00	1,265.16	0.00	0.00

Total Employees: 1

CITY OF EL CENTRO

TOTALS PROOF

Pay Period 08/19/25 To 09/01/25

WARRANT: M82725 PAYROLL TYPE: MISC CHECK DATE: 08/27/2025

DEDUCTION SUMMARY

DED	TYPE	EMPLOYEE AMT	EMPLOYER AMT	TOTAL AMT	EMPLOYEE GROSS		FICA/MED CALC
1100	MEDI 1.45%	18.34	18.34	36.68	1,265.16 X	2.90% =	36.69
2335	LTD	0.00	1.58	1.58	775.42		
2336	STD	0.00	3.43	3.43	775.42		
2345	WORKERS COMP	0.00	69.79	69.79	775.42		
3000	FIT	118.80	0.00	118.80	1,205.06		
4000	SIT	37.80	0.00	37.80	1,205.06		
7002	CALPERS EE	60.10	0.00	60.10	775.42		
7003	CALPERS PREP	0.00	74.52	74.52	775.42		
7015	SURVIVOR BEN	0.93	0.00	0.93	1,265.16		
Total:		235.97	167.66	403.63			

Total Employees: 1

** END OF REPORT - Generated by Cristhian Zambrano **

MISCELLANEOUS CHECK
08/19/2025-09/01/2025
PAYDATE: 08/27/2025

Miguel Felix
INTERIM FINANCE MANAGER

Approve Treasurer's Report for the month of August 2025.

CITY MANAGER'S RECOMMENDATION:

FISCAL IMPACT:

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

BACKGROUND:

DISCUSSION:

CONCLUSION:

ATTACHMENTS:

1. Treasurer's Report August 2025

CITY OF EL CENTRO
TREASURER'S REPORT
SCHEDULE OF INVESTMENTS
AUGUST 2025

	Maturity Date	Par	Rate (Pcnt)	YTM	Cost	Market Value
GENERAL ACCOUNT						
U.S. Savings and CD's						
Subtotal		-			-	-
U.S. Government Obligations						
Federal Home Loan Bks 3130AM2F8	04/29/26	$ 750,000	1.125	1.150	$ 750,000	$ 735,848
Subtotal		**750,000**			**750,000**	**735,848**
Other Investments						
Cash Equiv.		$ 5,960,696	0.010	0.010	$ 5,960,696	$ 5,960,696
Local Agency Investment Fund		$ 66,450,900	4.258	4.258	$ 66,450,900	$ 66,450,900
Subtotal		**72,411,596**			**72,411,596**	**72,411,596**
Subtotal		**73,161,596**			**73,161,596**	**73,147,443**
Bonds						
Series B - 2007 Redevelopment		$ 1,960,424	0.010	0.010	$ 1,960,424	$ 1,960,424
2021 Series A - Library Bond Project		$ 1,096,984	0.010	0.010	$ 1,096,984	$ 1,096,984
2023 Series A - Police Station Project		$ 24,726,933	0.010	0.010	$ 24,726,933	$ 24,726,933
		27,784,342			**27,784,342**	**27,784,342**
Total		**100,945,938**			**100,945,938**	**100,931,785**

CITY OF EL CENTRO
TREASURER'S REPORT
SCHEDULE OF INVESTMENTS
AUGUST 2025

	This Month	Fiscal YTD	Prior Fiscal Year YTD Same Period
Interest Received			
Other Investments	$ 25	$ 48	$ 109,585
LAIF		720,125	768,457
Total	$ 25	$ 720,173	$ 878,042

	Balance 07/31/25	Change	Balance 08/31/25
Monthly Activity			
General Accounts			
U.S. Savings and CD's	-	$ -	-
U.S. Corporate Obligations	-	$ -	-
U.S. Government Obligations	750,000	$ -	750,000
Cash Equiv. & Other Investments	5,960,671	$ 25	5,960,696
LAIF	66,450,900	$ -	66,450,900
	$ 73,161,570	25	$ 73,161,596
Trustee Accounts			
Series B - 2007 Redevelopment	$ 1,953,903	$ 6,522	$ 1,960,424
Library 2021 Bond Project	1,096,984	-	1,096,984
El Centro Police 2023 Bond Project	24,639,678	87,255	24,726,933
	$ 27,690,565	93,777	$ 27,784,342
Total	**$ 100,852,135**		**$ 100,945,938**

I hereby certify that this report reflects the pooled investments of the City of El Centro and is in conformity with the Investment Policy of the City as adopted by the City Council on February 21, 2001. A copy of this Policy is available at the Office of the City Clerk. In the opinion of the undersigned, the City's expenditure requirements for the following six months, can be met from projected revenues and maturities of Investments listed herein.

Elizabeth Fuchen
Interim Finance Director

Cityof El Centro
Treasurer's Report
Summary of Investments
as of 08/31/2025

		Cost/Par	Investment income to-date	Unrealized gain/loss (*) (**)	Net increase decrease	Market Value end of Period	percent of total
1	U.S. Savings and CD's	$ -		$ -		$ -	0%
2	U.S Corporate Obligations	$ -		$ -		$ -	0%
3	U.S. Government Obligati	$ 750,000		$ (14,153)		$ 735,848	1%
4	Cash Equiv. & Other Inves	$ 5,960,696		$ -		$ 5,960,696	8%
5	LAIF	$ 66,450,900		$ -		$ 66,450,900	91%
	Total	$ 73,161,596	$ -	$ (14,153)	$ -	$ 73,147,443	100%

(*) Investments 1 through 5
Investments are held to maturity redemption is at cost rendering no loss.

Approval of the minutes of the City Council meetings held on August 28, 2025, and September 2, 2025.

CITY MANAGER'S RECOMMENDATION:
Motion to approve the minutes of the City Council meetings held on August 28, 2025, and September 2, 2025.

FISCAL IMPACT:

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

BACKGROUND:

DISCUSSION:

CONCLUSION:

ATTACHMENTS:
1. 08-28-2025 Special Meeting CC Minutes
2. 09-02-2025 Regular CC Minutes

SPECIAL MEETING
EL CENTRO CITY COUNCIL
CONFERENCE ROOM A
1275 MAIN STREET, EL CENTRO, CA
THURSDAY, AUGUST 28, 2025, 2:30 P.M.

OPEN SESSION
The El Centro City Council met in a special meeting on Thursday, August 28, 2025 at 2:32 p.m. in Conference Room A, El Centro City Hall, 1275 Main Street, El Centro, California.

PRESENT: Council: Crankshaw, Camarena, Ellett, Marroquin
City Clerk Wyles, Acting City Manager Sawyer, City Attorney Martyn Evans

ABSENT: Council (Carter arrived at 3:30 pm)

MOTION TO GO INTO CLOSED SESSION:
Moved by Marroquin, second by Camarena to go into closed session at 2:32 p.m.

CLOSED SESSION PUBLIC COMMENT:
No comments were received.

CITY COUNCIL CLOSED SESSION

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54956.9(d)(1):
Litigation against the City v. City of El Centro et al.

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54956.9(d)(1):
Ezequiel Espinoza v. City of El Centro

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54956.9(d)((2):
Possible litigation against the City – 2 cases

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54956.9(d)(4):
Possible litigation by the City

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54957:
Public Employee Performance Evaluation – City Clerk

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54957:
Public Employment – City Manager

CITY ATTORNEY REPORT ON CLOSED SESSION:
No reportable action.

ADJOURNMENT
With no further business to come before City Council, the meeting adjourned at 5:25 p.m.

_____
Norma Wyles, City Clerk

APPROVED BY:

_____
Sonia Carter, Mayor

REGULAR MEETING
EL CENTRO CITY COUNCIL
CITY HALL, COUNCIL CHAMBERS
1275 MAIN STREET, EL CENTRO, CA
TUESDAY, SEPTEMBER 2, 2025, 3:30 P.M.

The El Centro City Council met in a regular session on Tuesday, September 2, 2025 at 3:35 p.m. in Conference Room A, El Centro City Hall, 1275 W. Main Street, El Centro, California for the purpose of closed session.

PRESENT: Council: Crankshaw, Camarena, Carter, Ellett, Marroquin
City Clerk Wyles, Acting City Manager Sawyer, City Attorney Martyn Evans

ABSENT: None

CLOSED SESSION PUBLIC COMMENT
None

CITY COUNCIL CLOSED SESSION
Moved by Ellett, second by Camarena, to adjourn into closed session for:

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54956.9(D)(4):
Possible litigation by the city.

CLOSED SESSION PURSUANT TO GOVT. CODE SECTION 54957:
Public Employment - City Manager.

ADDED CLOSED SESSION ITEM:
There was an added item to closed session as the need to take action arose after the agenda had been posted.

Moved by Carter, second by Ellett to add:

CONFERENCE WITH LABOR NEGOTIATORS – GOVT. CODE SECTION 54957.6
City representatives – Mayor and City Council
Employee: Acting City Manager
Under Negotiation: salary, compensation paid in the form of fringe benefits

Motion unanimously carried.

Closed Session concluded at 5:45 p.m.

City Council recessed to 6:00 p.m.

OPEN SESSION

The El Centro City Council met in a regular session on Tuesday, September 2, 2025, at 6:00 p.m. in Council Chambers, El Centro City Hall, 1275 Main Street, El Centro, California.

PRESENT: Council: Crankshaw, Camarena, Carter, Ellett, Marroquin
City Clerk Wyles, Acting City Manager Sawyer, City Attorney Martyn Evans (Via Zoom)

Pledge of Allegiance to the flag of the United States of America was led by Council Member Marroquin and Invocation was given by Mayor Pro-Tem Ellett.

CITY ATTORNEY REPORT ON CLOSED SESSION

No reportable action.

PUBLIC COMMENTS

Public comment was received from Mary Helen McCombs and an additional speaker expressed concern about the restrooms at the transfer station.

PRESENTATION AND ANNOUNCEMENTS BY MAYOR

1. Update on the transfer of El Centro Regional Medical Center to the Imperial Valley Health District, presented by Pablo Velez, CEO of El Centro Regional Medical Center.

2. Update on Bus Stop Refresh and Maintenance, presented by David Aguirre, Executive Director of the Imperial County Transportation Commission (ICTC).

3. Presentation of Retirement Plaque to Gabriel Hernandez, Building Maintenance Mechanic II, in recognition of his dedicated service.

4. Presentation of Retirement Plaque to Luis Sanchez, Equipment Operator, honoring his years of dedicated service.

CONSENT AGENDA (ITEMS 5-7)

Moved by Marroquin, second by Camarena, approving consent items # 5-7.

5. Approval of City Council meeting minutes of August 14, 2025 and August 19, 2025.

6. Approval of Plans and Specifications for the Public Works Shade Structure Improvements Project.

7. Adoption of **Resolution No. 25-54,** RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO RESCINDING RESOLUTION NO. 97-3 AND TERMINATING A MEMORANDUM OF UNDERSTANDING BETWEEN THE CITY OF EL CENTRO AND CALTRANS RELATED TO FUTURE IMPROVEMENTS OF STATE ROUTE 86.

AYES: Crankshaw, Camarena, Carter, Ellett, Marroquin
NOES: None
ABSENT: None
ABSTAINED: None

PUBLIC HEARING

8. This was the scheduled date and time for a public hearing to consider approval of the 2024/2025 Consolidated Annual Performance and Evaluation Report (CAPER), approval of the CAPER itself, and authorization for staff to submit the report to the U.S. Department of Housing and Urban Development (HUD). Mayor Carter opened the public hearing and invited anyone wishing to speak to come forward. Seeing no one come forward, Mayor Carter closed the public hearing and returned the item to the City Council for comments.

   Council member Crankshaw had questions regarding how projects are selected to receive funding. Ms. Nava explained that the projects are reviewed, ranked, and then chosen based on those evaluations. Council member Crankshaw requested information about the housing rehabilitation programs and inquired whether funding is available. Ms. Nava explained that funding has been allocated for the program.

   Council member Camarena asked if there is a waiting list for the rehabilitation program and how long it is. She was informed that the list includes over ninety customers. She also inquired about the Catholic Charities Working Hands Program and asked how many homeless individuals had been assisted and moved off the streets. Ms. Nava explained that the funding used for this purpose comes from the Permanent Local Housing Allocation (PLHA) fund, and that two individuals have been helped through this funding.

   Mayor Carter noted that many residents were excited about the completion of the curb and sidewalk improvements, emphasizing that the project is beneficial for the city as it enhances infrastructure and improves overall community accessibility.

   Moved by Marroquin, second by Crankshaw, adoption of **Resolution No. 25-55**, RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING THE CONSOLIDATED ANNUAL PERFORMANCE AND EVALUATION REPORT 2024/2025 AS PART OF THE END OF THE YEAR REQUIREMENT REPORT PROVIDED TO THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT UNDER THE ENTITLEMENT GRANTEE PROGRAM.

   AYES: Crankshaw, Camarena, Carter, Ellett, Marroquin
   NOES: None
   ABSENT: None
   ABSTAINED: None

LEGISLATIVE ACTION:

None

TASK FORCE AND MAYOR & COUNCIL MEMBERS REPORTS

Council Members provided updates on their activities since the last City Council meeting and shared information on upcoming events.

CITY MANAGER REPORT

Reported on recent activities.

ADJOURNMENT
With no further business, the meeting was adjourned at 7:34

_____
Norma Wyles, City Clerk

APPROVED BY:

_____
Sonia Carter, Mayor

Approval of the Valley Center Point Plaza Demolition Project Plans & Specifications.

CITY MANAGER'S RECOMMENDATION:
Approve the plans and specifications for the Valley Center Point Plaza Project and authorize staff to release for public bidding.

FISCAL IMPACT:
No impact on the general fund. $3,500,000 is budgeted in Fiscal Year 2026 in Measure P funds for this project.

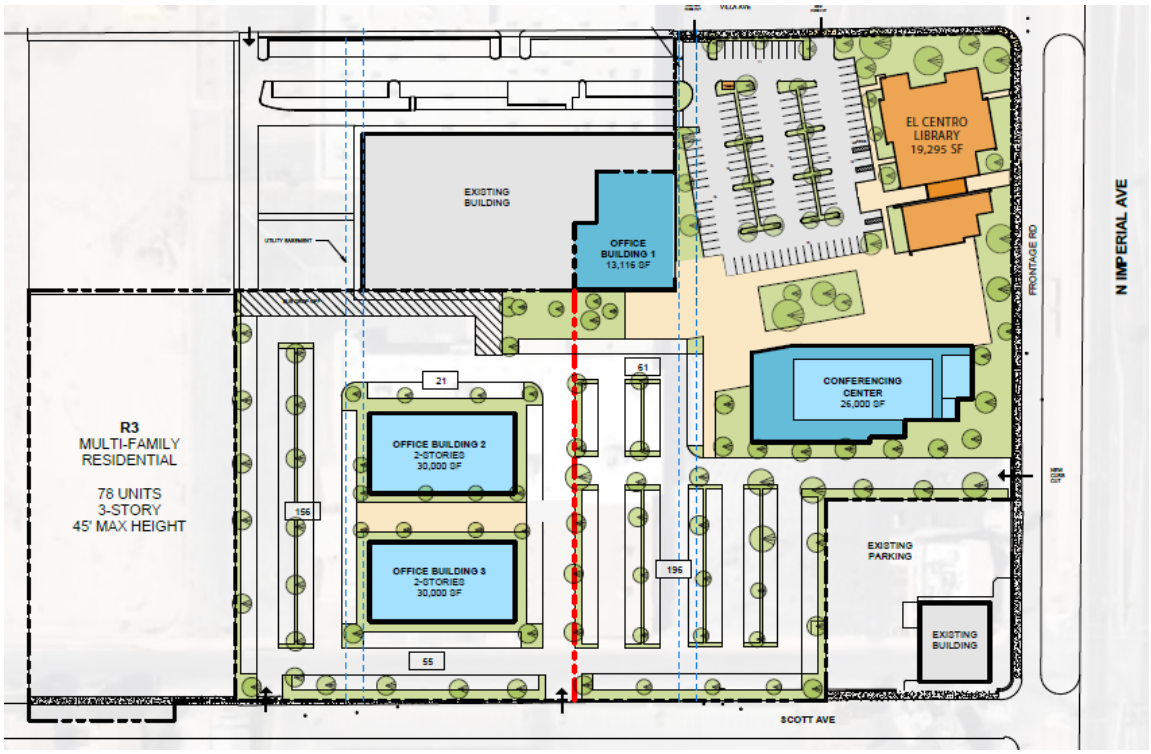
The engineer's estimate of probable cost for the base bid for this project is $3,232,789.

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Environmental Sustainability & Infrastructure

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
NA

BACKGROUND:
In October 2017, the City completed a condition assessment report for the Valley Center Point site. The report concluded that several buildings were in such poor condition that it was not economically feasible to salvage or repair them.

In December 2019, the City prepared a Master Plan for the site, which included a Market Analysis. The plan identified construction of the new library and the demolition of all City-owned buildings at the site, with the exception of the former Sears building. The Sears building is currently occupied by Imagine School and the now vacant temporary City library.



On October 31, 2022, the City Council approved Task Order No. 3 under the Nicklaus On-Call Architectural Services Agreement. The task order authorizes the preparation of utility relocation plans and demolition specifications for Valley Center Point Plaza (APN 064-470-109).

The project scope includes the demolition and site leveling of the former Mervyn's, Miller's Outpost, and mall shop buildings. The Sears building, occupied by Imagine School and the now vacant temporary City library, will remain. The project also includes utility improvements to provide the temporary City library with independent utility connections.

DISCUSSION:

Nicklaus, the City's design consultant, has completed the final plans and specifications for the Valley Center Point Plaza project. With these documents finalized, staff is prepared to initiate the public bidding process.

The base project scope includes the demolition of three buildings, with the building slabs and old asphalt remaining in place. Building No. 1, which houses the former temporary City library and Imagine School, will remain.

Base Bid: Buildings to be demolished:

- Building No. 2 – 65,000 SF (Former Mervyn's)
- Building No. 3 – 20,000 SF (Former Miller's Outpost)
- Shops Building – 35,000 SF

Additive Bid 1 of the scope adds the removal of the old building slabs.

Additive Bid 2 provides for the former library site to be served by independent utility connections, including sewer, water, electricity, mechanical, fire suppression, and communications. This will allow the facility to be reused in accordance with the Master Plan for future purposes such as office space.

City staff recommends that the City Council approve the plans and specifications as presented and authorize staff to release the project for public bidding.

Below is a tentative schedule for the Project:

Date	Milestone
9/16/25	City Council approves project bid package
9/19/25	Project is released for public bidding
10/7/25	Mandatory Pre-Bid Meeting
10/16/25	Questions Due
10/23/25	Bids Due
12/2/25	Project awarded to the lowest responsible bidder
January 2026	Notice to Proceed is issued
February 2026	Construction Begins
August 2026	Construction Complete

Attachments: (Available at City Clerk's Office)
1. Volume 1 Bid Proposal, Contract Documents and Specifications
2. Volume 2 Technical Specifications
3. Project Plans - Bid Set

CONCLUSION:
Approve the plans and specifications for the Valley Center Point Plaza Project and authorize staff to release for public bidding.

ATTACHMENTS:
1. Signed Volume 1 - Bid Proposal, Contract Documents and Specifications
2. Valley Center Point Plaza Technical Specifications
3. Valley Center Point Plaza Demolition Project Plans

City of El Centro, California

Bid Proposal, Contract Documents and Specifications

for

VALLEY CENTER POINT PLAZA DEMOLITION PROJECT

Volume 1 of 2

For use in conjunction with "Standard Specification for Public Works Construction," 2024 Edition, together with subsequent annual supplements as published by Building News, Inc.

APPROVED:

Abraham Campos, P.E.
Director of Public Works/City Engineer

VALLEY CENTER POINT PLAZA DEMOLITION PROJECT

TABLE OF CONTENTS

		PAGE
VOLUME 1 OF 2		
NOTICE INVITING SEALED PROPOSALS (BIDS)	**NIB**	**1 – 7**
BIDDING DOCUMENTS	**BD**	**1 - 24**
CONTRACT DOCUMENTS	**CD**	**1 - 27**
Agreement	**CD**	**2 - 14**
Performance Bond	**CD**	**15-16**
Payment Bond	**CD**	**17-18**
Public Contract Code Section 22300	**CD**	**19-23**
Public Contract Code Section 9204	**CD**	**24-27**
GENERAL CONDITIONS	**GC**	**1 - 66**
SUPPLEMENTAL GENERAL CONDITIONS	**SGC**	**1 - 3**

NOTICE INVITING BIDS

RECEIPT OF BIDS: Sealed Bids will be received at the office of the City Clerk, City of El Centro, OWNER of the WORK, located at 1275 Main Street, El Centro, CA 92243, until **October 23**, 2025, at 2:00 p.m. for the construction of the "**VALLEY CENTER POINT PLAZA DEMOLITION PROJECT.**"

DESCRIPTION OF WORK: The WORK includes but is not limited to:

The City is seeking a General Contractor ("Contractor") experienced in public facility construction and demolition to perform repair utility work at the old City library and clear the remainder of the Valley Center Point site located at 1198 N. Imperial Avenue, El Centro, California 92243 to permit future development. The project consists of the demolition and disposal of 120,000 square feet of existing building structures, foundations, walls and appurtenances at the existing Valley Center Point site, site improvements and utility restoration work at the remaining old city library building as indicated in the plans and specifications. Furnishing all labor, materials, necessary tools, equipment, supervision, appurtenances, construction permits, utility owner coordination, and all utility and transportation services required for the project.

The scope of work is more specifically described on the construction plans and in these Specifications.

SITE OF WORK: The site of the WORK is located in the City of El Centro at 1198 N. Imperial Ave., El Centro, CA 92243.

COMPLETION OF WORK: The WORK must be completed within **180** Calendar Days after the commencement date stated in the Notice to Proceed.

OPENING OF BIDS: The Bids will be publicly opened and read at 2:00 pm on **October 23**, 2025, at the above-mentioned office of OWNER.

OBTAINING CONTRACT DOCUMENTS: The Contract Documents are entitled "**VALLEY CENTER POINT PLAZA DEMOLITION PROJECT.**"

The Contract Documents are available through Planet Bids, by accessing our website (www.cityofelcentro.org) and selecting "GOVERNMENT> PUBLIC WORKS> BIDS & PROPOSALS> PROCEED TO SITE" from the drop down menu or by visiting https://pbsystem.planetbids.com/portal/41180/portal-home

As used herein, all days are calendar days unless otherwise specified.

MANDATORY PRE-BID CONFERENCE: Bidders are required to attend a pre-bid meeting, which will be conducted by the City of El Centro CONSTRUCTION MANAGER at 10:00 A.M. on **October 7**, 2025. The meeting will be held at the City of El Centro, **Works Conference Room located at 307 W. Brighton Ave., El Centro,** CA 92243. The object of the meeting is to acquaint Bidders with the site conditions and mandatory bidding requirements and subcontractors of subcontracting and material supply opportunities. At that meeting, the City of El Centro's Equal Opportunity Program goals and reporting procedures will be discussed.

QUESTIONS: Technical questions should be directed to the CONSTRUCTION MANAGER through the Planet Bids portal. Any responses to questions that may be asked will be provided by Addendum. No oral comments shall be of any force or effect with respect to this solicitation.

Questions must arrive at least ten (10) days prior to the bid opening to allow time for distributing answers and/or clarifications to plan holders.

CITY'S RESPONSES: Responses to questions that may be asked will be provided by written Addenda. Only responses by Addenda will be binding.

REQUIRED DOCUMENTS AT BID TIME:

The bid shall be considered incomplete and be disqualified if any of the required BIDDING DOCUMENTS in pages **9** to **24** of this solicitation are not provided as instructed.

BID SECURITY: Each Bid shall be accompanied by a certified or cashier's check or bid bond in the amount of ten (10) percent of the total Bid price payable to the City of El Centro as a guarantee that the Bidder, if its bid is accepted, will promptly execute the Agreement. A bid shall not be considered unless one of the forms of bid security is enclosed with it.

BIDS TO REMAIN OPEN: The Bidder shall guarantee the total Bid price for a period of **90** Calendar Days from the date of Bid opening.

CONTRACTOR'S LICENSE CLASSIFICATION: In accordance with the provisions of California Law, OWNER has determined that CONTRACTOR shall possess a valid **Class A or Class B** California contractor's license at the time that the Bid is submitted. Failure to possess the

specified license shall render the Bid non-responsive and shall act as a bar to award of the Agreement to any Bidder not possessing said license at the time of Bid.

CALIFORNIA WAGE RATE REQUIREMENTS: In accordance with the provisions of California Labor Code sections 1770 *et seq*. as amended, the Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in accordance with the standards set forth in such sections for the locality in which the WORK is to be performed. A copy of said wage rates is on file at the office of OWNER. It shall be mandatory for CONTRACTOR to whom the WORK is awarded, and upon any Subcontractor under CONTRACTOR, to pay not less than said specified rates to all workers employed by them in the execution of the WORK.

CONTRACTOR AND SUBCONTRACTOR REGISTRATION WITH DEPARTMENT OF INDUSTRIAL RELATIONS:

Labor Code section 1771.1 provides that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Public Contract Code section 4104, or engage in the performance of any contract for public work, as that term is defined in Chapter 1, Part 7, Division 2 of the Labor Code, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. Labor Code section 1771.1 also provides that it is not a violation of that section for an unregistered contractor to submit a bid that is authorized by Business and Professions Code section 7029.1 or by Public Contract Code section 10164, provided the contractor is registered to perform public work pursuant to Labor Code section 1725.5 at the time the contract is awarded.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

RETENTION FROM PAYMENTS: CONTRACTOR may elect to receive one hundred (100) percent of payments due under the Contract Documents from time to time, without retention of any portion of the payment by OWNER, by depositing securities of equivalent value with OWNER in accordance with the provisions of section 22300 of the Public Contract Code. Such securities, if deposited by CONTRACTOR, shall be valued by OWNER, whose decision on valuation of the securities shall be final. Securities eligible for investment under this provision shall be limited to those listed in section 16430 of the Government Code, bank or savings and loan certificates of deposit, interest-bearing demand deposit accounts, standby letters of credit or any other security mutually agreed to by CONTRACTOR and OWNER.

FILING OF BID PROTESTS: By submitting a Bid, each Bidder hereby agrees and understands that the Bidder must comply with these protest procedures and exhaust all administrative remedies set forth herein prior to the initiation of any type of related legal action. With the express written

consent of the City and Bidder, and subject to the requirements of applicable law, this protest procedure can also be used to resolve issues surrounding the City's determination of a Bidder as not responsible. The following terms as used in this Section shall have the following meanings:

"Protest" shall mean a written objection by an interested party or affected party to (i) the requirements or specifications contained in the Notice to Bidders or any portion of documents accompanying that notice; or (ii) a proposed award recommendation protest.

A. Solicitation Phase Protest. The purpose of the solicitation is to obtain competitive Bids from Bidders. Any Bidder who has submitted a bid and who believes that a free and open competition has not taken place or that a particular specification or requirement is impractical, unduly restrictive, or ambiguous may advise the City of its concerns by submitting a detailed Solicitation Protest Statement in accordance with the requirements set forth below in this Section A. The Protest does not replace the requirement to report irregularities in the bid documents.

(1) Contents and Requirements

A solicitation protest must be submitted to the contact named in the bid documents by personal delivery or email by close of business at least fifteen (15) calendar days prior to the Bid due date, and must contain all of the following to be considered:

a. The name, address, and telephone number of the protester; and
b. The Project Name and Project Number; and
c. A detailed statement setting forth the grounds for protest, which shall include all the factual and legal documentation in support of the protest in sufficient detail to establish merits of the protest; and
d. The desired resolution of the protest.

If the submitted protest does not comply with the requirements set forth herein, then it will not be considered for evaluation and will be returned to the protestor. Any grounds for protest not raised are waived. The protest may not be amended after filing. The protest is a public document.

(2) Evaluation and Determination

No hearing will be held on the protest. City's Public Works Director, will review the protest and any supporting material and conduct an investigation of the facts. He/she may, but need not, requires other Bidders to submit statements or arguments regarding the protest and may discuss the protest with the protestor.

The Public Works Director or designee ("Public Works Director") shall issue a final written decision regarding any solicitation protest to each Bidder prior to Bid opening. The written decision will cite any actions that will or will not be taken in response to the protest. That decision shall be final, and there shall be no further administrative recourse.

B. Protest of Award

(1) Contents and Requirements

Following the opening of the Bids, any unsuccessful Bidder, may protest City's proposed award of the Contract by submitting a written protest to the Public Works Director no later than close of business on the fifth business day after issuance of the proposed award. That protest must be submitted in a timely manner, signed by the protesting Bidder, must contain all of the following to be considered:

a. The name, address, and telephone number of the protestor; and
b. The Project Name and Project Number; and
c. The City action or recommendation that is being protested;
d. A detailed statement setting forth every ground, reason, legal authority and facts in support of the protest, including all documents and evidence including specific references to parts of the bid documents; and
e. A clear statement of the relief request

A protest that does not comply with the requirements set forth herein will be returned to the protestor. The protest shall not be amended after filing. Any grounds for protest not raised are waived. The protest is a public document.

Award Protest Statements are public documents. City will notify the affected parties when a protest has been submitted, and will provide copies of the protest to the affected parties as soon as is reasonably practical.

(2) Evaluation and Determination

The affected parties may file responsive statements in support of or in opposition to the protest within three (3) business days after the receipt of the protest from the City. The Public Works Director shall review the facts and all submittals relative to the protest and shall issue a written decision setting forth the basis for such decision. The written decision will be issued to the protestor and to all affected parties.

Unless otherwise required by law, no hearing shall be provided. In the event a hearing is conducted, the Public Works Director shall issue written notice to the protestor and affected parties identifying the date and time for the hearing, along with rules concerning the hearing.

C. Delay in Award

Execution of any proposed contract shall be delayed pending the resolution of the protest unless one or more of the following conditions is present:

1. The items or services being procured are urgently required;
2. Delivery or performance will be unduly delayed by failure to make award promptly; or
3. Failure to make prompt award will otherwise cause undue harm to the City.

D. No Limitations on Remedies

Nothing contained herein shall be construed to act as a limitation of the City's choice of remedies or confer any right upon any interested party or affected party to a remedy.

E. Basis for Choice Remedy

In determining the appropriate remedy, the City shall consider all of the circumstances surrounding the notice of bids and/or award, including, but not limited to:

1. The seriousness of any deficiency found to exist in the contracting process;
2. The effect of the action on the competitive process;
3. Any urgency surrounding the requirement to enter into a contract; and
4. The effect that implementing the remedy will have on the City.

F. Remedies

If the City determines that the award or proposed award was not made in accordance with applicable statutes, regulations, policies and/or procedures, the City, in its sole discretion, may grant any of the following remedies or any other remedy it deems appropriate:

1. Prior to award, City may issue a new solicitation, make a new selection/award recommendation, or award the contract consistent with applicable statutes, regulations, policies and procedures;
2. Take no further action; or
3. Take any other action that is permitted by law to promote compliance.

OWNER'S RIGHTS RESERVED: OWNER reserves the right to reject any or all Bids, to waive any informality in a Bid, and to make awards to the lowest responsive Bidder as it may best serve the interest of OWNER.

Date:_____ OWNER: City of El Centro

_____
Norma Wyles, City Clerk

- END OF NOTICE INVITING BIDS -

BIDDING DOCUMENTS

INSTRUCTIONS TO BIDDERS

1. DEFINED TERMS. Terms used in these Instructions to Bidders and the Notice Inviting Bids which are defined in the General Conditions have the meanings assigned to them in the General Conditions. The term "Bidder" means one who submits a Bid directly to OWNER, as distinct from a sub-bidder, who submits a Bid to a Bidder.

2. INTERPRETATIONS AND ADDENDA.

2.1 All questions about the meaning or intent of the Contract Documents are to be directed to OWNER. Interpretations or clarifications considered necessary by OWNER in response to such questions will be issued by Addenda. Questions received less than ten (10) Days prior to the date for opening of Bids may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

2.2 Addenda may also be issued to modify the Contract Documents as deemed advisable by OWNER or DESIGN CONSULTANT.

3. COMPETENCY OF BIDDERS. In selecting the lowest responsive Bidder, consideration will be given not only to the financial standing but also to the general competency of the Bidder for the performance of the WORK covered by the Bid. Bidders must possess a valid California contractor's license applicable to the type of work bid upon at the time of opening Bids.

4. EL CENTRO BUSINESS LICENSE. All Bidders and their Subcontractors not already having a business license from the City of El Centro will be required to secure the appropriate license from the City of El Centro before the Agreement can be executed.

5. DISQUALIFICATION OF BIDDERS. More than one (1) Bid from an individual, firm, partnership, corporation or association under the same or different names will not be considered. If OWNER believes that any Bidder is interested in more than one (1) Bid for the WORK contemplated, all Bids in which such Bidder is interested will be rejected. If OWNER believes that collusion exists among the Bidders, all Bids will be rejected. A party who has quoted prices to a Bidder is not hereby disqualified from quoting prices to other Bidders, or from submitting a Bid directly for the WORK.

6. BIDDER'S EXAMINATION OF CONTRACT DOCUMENTS AND SITE

6.1 It is the responsibility of each Bidder before submitting a Bid:

(a) To examine thoroughly the Contract Documents and other related data identified in the Bidding Documents (including "technical data" referred to below);

(b) To visit the site to become familiar with and satisfy Bidder as to the general and local conditions that may affect cost, progress or performance of the WORK;

(c) To consider Federal, State and local Laws and Regulations that may affect cost, progress or performance of the WORK;

(d) To study and carefully correlate the Bidder's knowledge and observations with the Contract Documents and other related data; and

(e) To notify CONSTRUCTION MANAGER of all conflicts, errors, ambiguities or discrepancies in or between the Contract Documents and such other related data.

6.2 Reference is made to the Supplementary General Conditions for identification of:

(a) Those reports of explorations and tests of subsurface conditions at or contiguous to the site which have been utilized by Owner in the preparation of the Contract Documents. The Bidder may rely upon the accuracy of the technical data contained in such reports, however, the interpretation of such technical data, including any interpolation or extrapolation thereof, together with non-technical data, interpretations and opinions contained therein or the completeness thereof is the responsibility of the Bidder.

(b) Those drawings of physical conditions in or relating to existing surface and subsurface conditions (except Underground Utilities) which are at or contiguous to the site that have been utilized by OWNER in the preparation of the Contract Documents. The Bidder may rely upon the accuracy of the technical data contained in such drawings, however, the interpretation of such technical data, including any interpolation or extrapolation thereof, together with nontechnical data, interpretations and opinions contained in such drawings or the completeness thereof is the responsibility of the Bidder. Subsurface conditions, including but not limited to groundwater, may have changed significantly between the completion of the soils investigation by the geotechnical engineer and start of construction. Subsurface conditions, including but not limited to groundwater, may change significantly during construction.

6.3 Copies of such reports and drawings will be made available by OWNER to any Bidder on request if said reports and drawings are not bound herein. Those reports and drawings are not part of the Contract Documents, but the technical data contained therein upon which the Bidder is entitled to rely.

6.4 Information and data reflected in the Contract Documents with respect to Underground Utilities at or contiguous to the site is based upon information and data furnished to OWNER by the owners of such Underground Utilities or others, and OWNER does not assume responsibility for the accuracy or completeness thereof unless it is expressly provided otherwise in the Supplementary General Conditions or the section entitled "Protection and Restoration of Existing Facilities" of the General Requirements.

6.5 Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders on subsurface conditions, Underground Utilities and other physical conditions, and possible changes in the Contract Documents due to differing conditions appear in Paragraphs 4.2, 4.3, and 4.4 of the General Conditions.

6.6 Before submitting a Bid, each Bidder will, at Bidder's own expense, make or obtain any additional examinations, investigations, explorations, tests and studies and obtain any additional information and data which pertain to the physical conditions (surface, subsurface and Underground Utilities) at or contiguous to the site or otherwise which may affect cost, progress or performance of the WORK or which relate to any aspect of the means, methods, techniques, sequences or procedures of construction to be employed by Bidder and Safety precautions and programs incident thereto which the Bidder deems necessary to determine its Bid for performing the WORK in accordance with the time, price and other terms and conditions of the Contract Documents. Interference with existing facility operations will not be permitted.

6.7 On request in advance, OWNER will provide each Bidder access to the site to conduct such examinations, investigations, explorations, tests and studies as each Bidder deems necessary for submission of a Bid. Bidder shall fill all holes and shall clean up and restore the site to its former condition upon completion of such examinations, investigations, explorations, tests and studies.

6.8 The lands upon which the WORK is to be performed, rights-of-way and easements for access thereto and other lands designated for use by CONTRACTOR in performing the WORK are identified in the Contract Documents. All additional lands and access thereto required for temporary construction facilities or storage of materials and equipment are to be provided by CONTRACTOR. Easements for permanent structures or permanent changes in existing structures are to be obtained and paid for by OWNER unless otherwise provided in the Contract Documents.

6.9 The submission of a Bid will constitute an incontrovertible representation by the Bidder that the Bidder has complied with every requirement of this Paragraph 6, "Bidder's Examination of Contract Documents and Site" herein, that without exception the Bid is premised upon performing the WORK required by the Contract Documents and such means, methods, techniques, sequences or procedures of construction (if any) as may be indicated in or required by the Contract Documents, that Bidder has given CONSTRUCTION MANAGER written notice of all conflicts, errors, ambiguities and discrepancies in the Contract Documents and the written resolution thereof by CONSTRUCTION MANAGER is acceptable to Bidder and the Contract Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the WORK.

7. BID FORM.

7.1 The Bid shall be made on the Bid schedule bound herein and the pages may be removed from the bound volume. The envelope enclosing the sealed Bids shall be plainly marked in the upper left-hand corner with the name and address of the Bidder and shall bear the words "BID FOR" followed by "VALLEY CENTER POINT PLAZA DEMOLITION PROJECT," El Centro, CA, 92243, and the date and hour of opening of Bids. The Bid security shall be enclosed in the same envelope with the Bid.

7.2 All blanks on the Bid form must be completed in ink.

7.3 Bids by corporations must be executed in the corporate name by the president and a vice-president. Bids signed by other corporate officer or the project manager shall be accompanied by the certificate of authority to sign, attested by the secretary or assistant secretary, and with the corporate seal affixed. The corporate address and state of incorporation must appear below the signature.

7.4 Bids by partnerships must be executed in the partnership name and be signed by a managing partner, accompanied by evidence of authority to sign and his/her title must appear under the signature and the official address of the partnership must appear below the signature.

7.5 All names must be printed below the signature.

7.6 The Bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the Bid form. Failure to acknowledge Addenda shall render the Bid non-responsive and shall be cause for its rejection.

7.7 The address to which communications regarding the Bid are to be directed must be shown.

7.8 All Bidders must provide evidence of authority to conduct business in California to the extent required by law.

8. **QUANTITIES OF WORK.** The quantities of work or material stated in unit price items of the Schedule of Values are supplied only to give an indication of the general scope of the WORK; OWNER does not expressly or by implication agree that the actual amount of work or material will correspond therewith, and reserves the right after award to increase or decrease the amount of any unit price item of the WORK in accordance with Article 10 of the General Conditions, to delete any Bid item in its entirety, or to add additional Bid items up to and including an aggregate total amount not to exceed twenty-five (25) percent of the Contract Price.

9. **SUBSTITUTE OR "OR EQUAL" ITEMS**. Whenever materials or equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular supplier and the name is followed by the words "or equal," the Bidder may write the name of a substitute supplier (which the Bidder considers as an "or equal") in the Proposed Substitute Equipment/Material Supplier List in the Bid form. These substitute suppliers will only be considered after award of the Agreement. The procedure for the submittal of substitute or "or equal" products is specified in section 6.7 of the General Conditions.

10. **SUBMISSION OF BIDS.** The Bid shall be delivered by the time and to the place set forth in the Notice Inviting Bids. It is the Bidder's sole responsibility to see that its Bid is received in proper time. It is the Bidders responsibility to point out any errors or discrepancies in the bid documents.

11. **BID SECURITY, BONDS AND INSURANCE**. Each Bid shall be accompanied by a certified or cashier's check or approved Bid bond in the amount stated in the Notice Inviting Bids. Said check or bond shall be made payable to the City of El Centro and shall be given as a guarantee that the Bidder, if awarded the Agreement, will enter into an Agreement with OWNER, and will furnish the necessary insurance certificates, payment bond and performance bond; each of said Bonds to be in the amount stated in the Supplementary General Conditions. In case of refusal or failure to enter into said Agreement, the check or Bid bond, as the case may be, shall be forfeited to OWNER. If the Bidder elects to furnish a Bid bond as its Bid security, the Bidder shall use the Bid bond form bound herein, or one conforming substantially to it in form.

12. **DISCREPANCIES IN BIDS**. In the event of a discrepancy between words and numbers in the Bid, the words shall govern. In the event there are unit price Bid items in the Schedule of Values and the amount indicated for a unit price Bid item does not equal the product of the unit price and quantity, the unit price shall govern and the amount will be corrected accordingly, and the Bidder shall be bound by said correction. In the event there is more than one (1) Bid item in the Schedule of Values and the total indicated for the schedule does not agree with the sum of the prices bid on the individual items, the prices bid on the individual items shall govern and the total for the schedule will be corrected accordingly, and the Bidder shall be bound by said correction.

13. **MODIFICATIONS AND UNAUTHORIZED ALTERNATIVE BIDS.** Unauthorized conditions, limitations or provisos attached to the Bid will render it informal and may cause its rejection as being non-responsive. The completed Bid forms shall be without interlineations, alterations or erasures in the printed text. Alternative Bids will not be considered unless called for. Oral, telegraphic or telephonic Bids or modifications will not be considered.

14. **WITHDRAWAL OF BID.** The Bid may be withdrawn by the Bidder by means of a written request, signed by the Bidder or its properly authorized representative. Such written request must be delivered to the place stipulated in the Notice Inviting Bids for receipt of Bids prior to the scheduled closing time for receipt of Bids or the bid security may not be returned.

15. **BID RESULTS.** To obtain bid results, provide a self-addressed, stamped envelope, referencing "VALLEY CENTER POINT PLAZA DEMOLITION PROJECT." Bid tabulation will be mailed to you after verification of extensions. Bid results will not be given out over the telephone. Bid results may be posted on City's website.

16. **AWARD OF CONTRACT.** Award of a contract, if it be awarded, will be on the basis of the Bid proposal estimated quantities and will be made to the lowest responsive Bidder whose Bid complies with all the requirements prescribed. Unless otherwise specified, any such award will be made within the period stated in the Notice Inviting Bids that the Bids are to remain open. Unless otherwise indicated, a single award will be made for all the Bid items in an individual Bid schedule. The lowest Bid shall be the lowest bid price on the base contract without consideration of the prices on the additive or deductive items.

17. **RETURN OF BID SECURITY.** Within fourteen (14) working Days after award of the Agreement, unless otherwise provided, OWNER will return the Bid securities accompanying such of the Bids as are not considered in making the award. All other Bid securities will be held until the Agreement has been finally executed. They will then be returned to the respective Bidders whose Bids they accompany.

18. **EXECUTION OF AGREEMENT.** The apparent low Bidder will be required to execute a written Agreement with OWNER on the form of agreement provided, shall secure all insurance and shall furnish all certificates and Bonds required by the Contract Documents within fourteen (14) calendar Days after receipt of notification that the Bidder is the apparent low Bidder. Failure or refusal to enter into an Agreement as herein provided or to conform to any of the stipulated requirements in connection therewith shall be considered non-responsive and result in the forfeiture of the Bid security. If the lowest responsive Bidder refuses or fails to execute the Agreement, OWNER may proceed to the second lowest responsive Bidder. If the second lowest responsive Bidder refuses or fails to execute the Agreement, OWNER may proceed to the third lowest responsive Bidder. On the failure or refusal of such second or third lowest Bidder to execute the Agreement, each such Bidder's Bid securities shall be likewise forfeited to OWNER.

19. LIQUIDATED DAMAGES. Provisions for liquidated damages, if any, are set forth in the Agreement.

20. WORKERS' COMPENSATION REQUIREMENT. The Bidder should be aware that in accordance with section 3700 of the California Labor Code it will, if awarded the Agreement, be required to secure the payment of compensation to its employees and execute the Workers' Compensation Certification in the form contained in these Contract Documents.

- END OF INSTRUCTIONS TO BIDDERS -

SECTION 00300A

BID FORMS

BID TO: CITY OF EL CENTRO

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER in the form included in the Contract Documents (as defined in Article 6 of the Agreement) to perform the WORK as specified or indicated in said Contract Documents entitled "VALLEY CENTER POINT PLAZA DEMOLITION PROJECT."

2. Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the Notice Inviting Bids and Instructions to Bidders, dealing with the disposition of the Bid security.

3. This Bid will remain open for the period stated in the Notice Inviting Bids unless otherwise required by law. Bidder will enter into an Agreement within the time and in the manner required in the "Notice Inviting Bids" and the "Instructions to Bidders," and will furnish the insurance certificates, Payment Bond and Performance Bond required by the Contract Documents.

4. Bidder has examined copies of all the Contract Documents including the following Addenda (receipt of all of which is hereby acknowledged):

Number _____ _____ _____ _____ _____ _____

Date _____ _____ _____ _____ _____ _____

5. Bidder has familiarized itself with the nature and extent of the Contract Documents, WORK, site, locality where WORK is to be performed, the legal requirements (Federal, State and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress or performance of the WORK and has made such independent investigations as Bidder deems necessary.

To all the foregoing, and including all Bid schedule(s) and information required of Bidder contained in this Bid form, said Bidder further agrees to complete the WORK required under the Contract Documents within the Contract Time set forth in said Contract Documents, and to accept in full payment therefore the Contract Price based on the total Bid price(s) named in the aforementioned Bid schedule(s).

Dated: _____ Bidder: _____

By: _____
(Signature)

Title: _____

8

BID SCHEDULE - PRICES

Pursuant to and in compliance with the Invitation for Bids and other Contract Documents relating to the proposal for the construction of

VALLEY CENTER POINT PLAZA DEMOLITION PROJECT

all in accordance with the Drawings and Project Specifications the undersigned Bidder, having familiarized himself with the terms of the Agreement, the local conditions affecting the performance of the Agreement and the cost of the WORK at the place the WORK is to be done; and with the Drawings, Project Specifications and other Contract Documents, hereby stipulated; CONTRACTOR agrees to complete the Agreement, including all of its component parts and everything required to be performed, and to provide and furnish any and all labor, materials, equipment, tools, expendable supplies, and all utility and transportation services necessary to perform the Agreement, and complete in a workmanlike manner all of the WORK required in connection with the Agreement, all in strict conformance with the Drawings and Specifications for the following prices and sum.

The following Bid Schedule of estimated quantities is included for convenience of bidding and a basis for comparison of Bids only, and CITY does not, expressly, or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the WORK, or to delete portions of the WORK, as may be deemed necessary or advisable by CITY.

All Bidders are REQUIRED to use unit prices where indicated and to complete this schedule.

All items shall be complete and in place per Plans and these Bid and Contract Documents.

Note: Payment for all work (labor, material, equipment, etc.) required for the construction and installation of the improvement as shown on the plans which is not specifically identified below in the Bid Schedule shall be considered as included in the CONTRACTOR's price, as itemized below, for the various items of work for which the work is required, and no additional compensation shall be made therefor.

PROPOSAL BID FORM

BASE BID SCHEDULE

Pursuant to and in compliance with the Notice Inviting Bids and the other documents relating thereto, the undersigned Bidder, having familiarized himself/herself with the terms of the Contract and the Contract Documents, the local conditions affecting the performance of the Contract and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated, the Work of the Contract, including all of its component parts, and the furnishing of all materials and equipment required to be incorporated in the form a permanent part of the work; the furnishing of tools, equipment, supplies, transportation, utilities, facilities, labor, superintendence and services required to perform and complete the work; bonds, insurance and submittals; and including the assumption of all obligations, duties and responsibilities necessary to the successful completion of the Contract, including its acceptance by the OWNER, for the following Project:

PROJECT NAME: VALLEY CENTER POINT PLAZA DEMOLITION PROJECT

The total lump sum price bid shall be the total price to fully deliver a complete and in place project in accordance with the contract documents.

BID PROPOSAL SUMMARY*

TOTAL PRICE FOR BASE BID ITEMS (in figures): _____

TOTAL PRICE FOR BASE BID ITEMS (in words): _____

*NOTE: The apparent first, second and third lowest place bidders must submit a Schedule of Values to the OWNER within twenty-four (24) hours of the bid opening. The Schedule of Values must be completed and furnished in the format shown in these Specifications. Unit prices shall prevail over extended total and grand total prices, and written words shall prevail over written figures. Late submittal of the Schedule of Values will not be accepted and will disqualify the BIDDER. The awarded CONTRACTOR will be required to provide additional information regarding the various Bid Items of Work as required in Volume 2 of these Specifications.

Bidder's Initials _____

PROPOSAL BID FORM

TO THE DIRECTOR OF PUBLIC WORKS OF THE CITY OF EL CENTRO:

The undersigned hereby declares that he has carefully examined the location of the proposed work, that he has examined the plans and specifications and read the accompanying instructions to bidders and hereby proposes to furnish all material except owner furnished materials, and do all work required to complete the said work in accordance with said plans and specifications and special provisions for the unit prices set forth in the following schedule. The bidder shall furnish prices for all items shown in the proposal.

BASE BID
(SCHEDULE A)

Demolition and Site Clearing (not including removal of building slab)

Item	Description	Unit	Amount	Unit Price	Total Price
1	Remove & dispose of existing building structure (above the concrete slab)	LS	1		
2	Remove & properly dispose of existing concrete sidewalk.	SF	9,581		
3	Remove & properly dispose of existing CMU wall	LF	84		
4	Remove & properly dispose of existing concrete vertical curb & gutter.	LF	85		
5	Remove & properly dispose of existing concrete slab.	SF	6,602		
6	Remove & properly dispose of existing light pole, base, & foundation. Infill & compact area to 90%. New 3" AC pavement to match existing grade.	EA	7		
7	Cap-off & abandon existing sewer line at sewer main.	EA	5		
8	Cap-off & abandon existing sewer line at water main.	EA	5		
9	Sawcut existing concrete.	LF	20		
10	Remove & properly dispose of existing asphalt pavement.	SF	12,687		
11	Remove & properly dispose of existing fire pump room & equipment.	LS	1		
12	1' sawcut, remove & properly dispose of existing AC pavement.	LF	910		
13	Remove & replace AC pavement as needed to cap-off existing water/sewer service line.	SF	226		
14	Remove & replace AC pavement as needed for construction of new water & fire services.	SF	233		

15	Cap-off and abandon existing water line at water main.	EA	1		
16	Division 01 – General Requirements	LS	1		
17	Division 01 – Mobilization/Demobilization	LS	1		
18	Division 01 - Material Testing	LS	1		
19	Division 01 - Special Inspections	LS	1		
20	Division 02 – Removal and Disposal of Asbestos Containing Material	LS	1		
21	Division 03 - Cast-in-Place Concrete	LS	1		
22	Division 04 - Unit Masonry	LS	1		
23	Division 09 – Cement Plastering	LS	1		

Total Base Bid is: $_____

ADDITIVE BID #1
(SCHEDULE B)

Building Slab Demolition and Pad Preparation

Item	Description	Unit	Amount	Unit Price	Total Price
1	Remove & dispose of existing building foundation & appurtenances.	LS	1		
2	Scarify 6" of the bottom of excavation & compact to 90%. Backfill in 12" loose lifts & compact to 90%. Fill soils should possess an expansion index of less than 30.	LS	1		
3	Division 01 – General Requirements	LS	1		
4	Division 01 – Mobilization/Demobilization	LS	1		
5	Division 01 - Material Testing	LS	1		

Total Additive Bid #1 is: $_____

ADDITIVE BID #2
(SCHEDULE C)

Tenant Space Improvements

Item	Description	Unit	Amount	Unit Price	Total Price
1	Cap-off existing fire line.	EA	1		
2	Remove & replace existing sidewalk, AC pavement, & excavate as needed for new construction. Backfill & compacted to 90%.	SF	703		
3	Remove & replace AC pavement as needed to cap-off existing water/sewer service line.	SF	86		
4	Existing sewer lateral to be removed & replaced.	EA	1		
5	Remove & replace AC pavement as needed for construction of new in/line water valve.	SF	25		
6	Connect new 4" fire service line to existing 10" water line with 10"x6" tapping sleeve, thrust block, 6" valve.	LS	1		
7	New 4" C-900 (DR-14) Class 200 fire service line.	LF	43		
8	Connect fire hydrant to water main.	LS	1		
9	New 4" in-line valve with valve box & cover.	EA	1		
10	New 4" sewer lateral.	LF	90		
11	New 10" in-line valve with valve box & cover.	EA	1		
12	New 4" backflow preventor.	EA	1		
13	New 2-1/2" water line.	LF	152		
14	New 3" backflow preventor.	EA	1		
15	Connect new 2-1/2" water service to existing water main.	EA	1		
16	Division 01 - General Requirements	LS	1		
17	Division 02 – Removal and Disposal of Asbestos Containing Material	LS	1		
18	Division 01 – General Conditions	LS	1		
19	Division 01 – Mobilization/Demobilization	LS	1		
20	Division 01 - Survey/Construction Staking	LS	1		
21	Division 01 - Material Testing	LS	1		
22	Division 01 - Special Inspections	LS	1		
23	Division 02 - Demolition	LS	1		
24	Division 03 - Cast-in-Place Concrete	LS	1		
25	Division 04 - Unit Masonry	LS	1		
26	Division 07 – Joint Sealants	LS	1		
27	Division 08 - Hollow Metal Doors and Frames	LS	1		
28	Division 08 - Flush Wood Doors	LS	1		
29	Division 08 - Door Hardware	LS	1		
30	Division 09 - Gypsum Board Assemblies	LS	1		

31	Division 09 - Non-Structural Metal Framing	LS	1		
32	Division 09 - Tiling	LS	1		
33	Division 09 - Acoustical Ceilings	LS	1		
34	Division 09 - Resilient Flooring	LS	1		
35	Division 09 - Fluid Applied Flooring	LS	1		
36	Division 09 - Tile Carpeting	LS	1		
37	Division 09 - Painting	LS	1		
38	Division 10 - Signage	LS	1		
39	Division 21 - Fire Suppression	LS	1		
40	Division 22 - Plumbing	LS	1		
41	Division 26 - Electrical	LS	1		
42	Division 28 – Electric Safety and Security	LS	1		

Total Additive Bid #2 is: $_____

Re-enter base bid amount below for low bid determination:

BASE BID (Schedule A) is:

$_____ (Amount of Base Bid written numerically as dollars and cents, in US dollars)

$ _____
(Amount of Base Bid written in words as dollars and cents, in US dollars)

NOTE: <u>BASE BID</u> WILL BE USED TO DETERMINE LOW BIDDER

END OF PROPOSAL BID FORM

LIST OF SUBCONTRACTORS

The Bidder shall list below the name and the location of the place of business of each Subcontractor who will perform work or labor or render service to CONTRACTOR in or about the construction of the WORK, or a Subcontractor licensed by the State who, under subcontract to CONTRACTOR, specially fabricates and installs a portion of the WORK according to detailed Drawings contained in the plans and specifications, in an amount in excess of one-half (0.5) of one (1.0) percent of CONTRACTOR's total Bid. The Bidder shall also list below the portion of the WORK which will be done by each Subcontractor under this contract. CONTRACTOR shall list only one (1) Subcontractor for each portion of the WORK. **If Bidder does NOT intend to use ANY subcontractors, state "NONE" in the first block.**

Substitutions of subcontractors listed will not be permitted unless approved by the City of El Centro**.**

The Bidder's attention is directed to Paragraph 6.5.3 entitled "Subcontract Limitations" of the General Conditions which sets forth the percent of the WORK to be performed with the Bidders' own forces. **Failure to comply with this requirement will render the Bid non-responsive and may cause its rejection.**

PORTION OF WORK	NAME OF SUBCONTRACTOR	CONTRACTOR LICENSE & DIR REGISTRATION NUMBER	PLACE OF BUSINESS ADDRESS/TELEPHONE No.

USE ADDITIONAL FORMS AS NECESSARY

GENERAL INFORMATION

BIDDER'S GENERAL INFORMATION:

The Bidder shall furnish the information requested below. Additional sheets shall be attached as required. Failure to complete Item Nos. 1 through 3 will cause the Bid to be non-responsive and shall cause its rejection. In any event, no award will be made until all of the Bidder's general information (i.e., items 1 through 3, inclusive) is delivered to OWNER.

INFORMATION TO BE PROVIDED BY ALL BIDDERS WITH BID SUBMITTAL:

(1) CONTRACTOR's name and address: _____

_____

_____

(2) CONTRACTOR's telephone number: _____ FAX number: _____

(3) CONTRACTOR's license: Primary classification _____

California State License No. and Expiration Date _____

Registration No. _____ -

Supplemental classifications held, if any: _____

Name of Licensee, if different from (1) above: _____

_____

To be considered for award, CONTRACTOR shall have met all requirements established by OWNER of the Project.

- **END GENERAL INFORMATION –**

NONCOLLUSION DECLARATION
TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

- END NONCOLLUSION DECLARATION –

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That _____ as Principal, and _____as Surety, are held and firmly bound unto the City of El Centro, hereinafter called "OWNER," in the sum of _____ dollars, (_____) (not less than ten (10) percent of the total amount of the Bid) for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a Bid to said OWNER to perform the WORK required under the Bid schedule(s) of OWNER's Contract Documents entitled:

_____

_____

NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the Notice Inviting Bids and the Instructions to Bidders enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance and furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this Bond by said OWNER and OWNER prevails, said Surety shall pay all costs incurred by said OWNER in such suit, including reasonable attorneys' fee to be fixed by the court and actual costs.

SIGNED AND SEALED, this _____ day of _____, 20___

_____ (SEAL) _____(SEAL)
(Principal) (Surety)

By: _____ By: _____
(Signature) (Signature)

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

- **END BID BOND –**

CORPORATE CERTIFICATION
OR
PARTNERSHIP INFORMATION

Name of Corporation or Partnership_____

State of Incorporation_____

List names and addresses of each partner, or titles, names and business addresses of President, Secretary and Treasurer.

_____

_____

_____

Date_____ Contractor_____

Signature_____ Title_____

ATTEST:

_____
Signature by

_____
Title

- **END OF CORPORATE CERTIFICATION OR PARTNERSHIP INFORMATION -**

DRUG/ALCOHOL TESTING REQUIREMENTS

CONTRACTOR shall execute the following form as required by the Federal Drug and Alcohol, Section 49 CFR Part 382.

I agree to comply with the provisions of Federal Omnibus Transportation Employee Testing Act of 1991, and that I will administer a program of alcohol and drug testing of all commercial vehicle operators, as required by Federal Regulations.

CONTRACTOR certifies compliance with the City of El Centro's Drug and Alcohol Free Workplace Policy as a condition of the State Drug-Free Workplace Act of 1990 (Government Code sections 8350 *et seq*.) and the Federal Drug Free Workplace Act of 1988 (41 U.S.C.A. Sections 701 *et seq*.) In addition, CONTRACTOR agrees to submit a copy of its own drug free workplace policy.

Dated_____

_____
CONTRACTOR's Name

_____
CONTRACTOR's Signature

_____
Title

- END DRUG/ALCOHOL TESTING REQUIREMENTS –

WORKERS' COMPENSATION CERTIFICATE

(AS REQUIRED BY SECTION 1861
OF THE CALIFORNIA LABOR CODE)

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the WORK of this Agreement.

CONTRACTOR:_____

By: _____

Title: _____

- **END OF WORKERS' COMPENSATION CERTIFICATE –**

SITE VISIT CERTIFICATE

THIS IS TO CERTIFY that:

I, _____(*name of bidder or his representative*) of the _____ (*name of construction firm*) visited the site in connection with the Bid for the _____ (*name of the Project.*)

Having examined the bid documents, I certify that I have acquainted with the nature, geographical and exact location of the works; the general conditions of execution; the neighboring buildings and other constraints that might affect the construction methods; the obligation not to obstruct the traffic where requested, or the flow of any water; the physical conditions specific to the construction sites; the climatic conditions; local conditions; means of communication and transport; the possibility of supplying water, electricity and fuel; the availability of labor sufficient in number and quantity; all constraints and obligations resulting from social, tax and customs legislation; and all conditions and circumstances which might influence the execution or price of the works.

I further certify that I am satisfied with the description of the works and the Project Engineer's explanations and that I understand perfectly the works to be undertaken as specified and implied in the execution of the Contract.

_____
(Name and Signature of Bidder or his Representative)

Date : _____

Note 1: This form shall be completed at the time of the visit to the site where the works are to be carried out.

- END OF SITE VISIT CERTIFICATE –

CONTRACTOR'S CERTIFICATION OF QUALIFICATION FOR LICENSE CLASSIFICATION

After award of the contract, the Contractor, whether an individual, co-partnership, limited partnership, corporation, or any other combination or organization, shall execute the following form:

1. If an individual, I hereby certify that I am, or my responsible managing employee _____ (insert name) is, qualified for the license classification called for in these contract documents.

2. If a co-partnership or limited partnership, the general partner hereby certifies that the general partner _____ (insert name), or responsible managing employee _____ (insert name), is qualified for the license classification called for in these contract documents.

3. If a corporation, or any other combination or organization, the responsible managing officer _____ (insert name), or a responsible managing employee _____ (insert name), is qualified for the license classification called for in these contract documents.

If the individual who qualifies the Contractor for the license classification called for in these contract documents changes during the progress of the work, then Contractor shall, within seven (7) days of any such change, notify the Director of Public Works in writing of such change, including the name, license number and status of the individual.

For the purpose of this Certification, a responsible managing employee shall mean an individual who is a bona fide employee of the Contractor and is actively engaged in the classification of work for which that individual is the qualifying person on behalf of the Contractor under California law.

DATED:_____ CONTRACTOR:_____

SIGNATURE:_____ TITLE:_____

ATTEST:

SIGNATURE BY:_____

TITLE:_____

- END OF CONTRACTOR'S CERTIFICATION OF QUALIFICATION –

- END OF BIDDING DOCUMENTS –

CONTRACT DOCUMENTS

CITY OF EL CENTRO
VALLEY CENTER POINT PLAZA DEMOLITION PROJECT
CONSTRUCTION SERVICES AGREEMENT

This CONSTRUCTION SERVICES AGREEMENT ("Agreement"), is made and effective as of the last signature date set forth below "Effective Date" , by and between the City of El Centro, a municipal corporation ("CITY"), and , a *[sole proprietorship, partnership, limited liability partnership, corporation]* ("CONTRACTOR"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

I. SCOPE OF WORK

The CONTRACTOR shall perform within the time set forth in Article 2 of this Agreement and shall furnish all labor, materials, equipment, tools, utility services, and transportation and perform and complete all work required in connection with the following:

The City is seeking a General Contractor ("Contractor") experienced in public facility construction and demolition to perform repair utility work at the old city library and clear the remainder of the Valley Center Point site located at 1198 N. Imperial Avenue, El Centro, California 92243 to permit for future development. The project consists of the demolition and disposal of 120,000 square feet of existing building structures, foundations, walls and appurtenances at the existing Valley Center Point site, site improvements and utility restoration work at the remaining old city library building as indicated in the plans and specifications. Furnishing all labor, materials, necessary tools, equipment, supervision, appurtenances, construction permits, utility owner coordination, and all utility and transportation services required for the project.

The scope of work is more specifically described on the construction plans and in these Specifications.

By entering into this Agreement, CONTRACTOR acknowledges that there may be other contractors on the site whose work will be coordinated with that of its own. CONTRACTOR expressly warrants and agrees that it will cooperate with other contractors and will do nothing to delay, hinder, or interfere with the work of other separate contractors, the CITY, the Construction Manager, the Architect, or utilities. CONTRACTOR also expressly agrees that, in the event its work is hindered, delayed, interfered with, or otherwise affected by a separate contractor, its sole remedy will be a direct action against the separate contractor. To the extent allowed by law, the CONTRACTOR will have no remedy, and hereby expressly waives any remedy against the CITY, the Construction Manager, or the Architect on account of delay, hindrance, interference or other events caused by a separate contractor.

II. TIME FOR PROJECT COMPLETION

All of CONTRACTOR's work on the Project shall be completed within **180** Calendar

Days. All work shall commence within ten (10) Calendar Days after receiving a written Notice to Proceed from the CITY or Construction Manager, if a Construction Manager is employed by CITY on the Project. CONTRACTOR shall refer to the invitations for bids, and Project Plans and Specifications, all of which, as set forth below, are incorporated herein by reference, for contractual obligations regarding individual activity durations. The aggregate sum total work of all individual Prime Contractors to the CITY comprises the entire "Project" and shall be commenced and completed in conformance with the Project Construction Schedule. The entire Project shall be completed within **180** "Calendar" days as defined by Article 1 – Definitions of the General Conditions.

III. THE CONTRACT SUM

The CITY shall pay to the CONTRACTOR for the performance of this Agreement, subject to any additions and deductions provided in the Project documents, the sum of dollars and cents ($).

IV. PROGRESS PAYMENTS

Based upon Applications for Payment submitted to the CONSTRUCTION MANAGER by the CONTRACTOR and Certificates for Payment issued by the CONSTRUCTION MANAGER, the CITY shall make progress payments on account of the Contract Sum to the CONTRACTOR as provided in the General Conditions.

This Agreement is subject to the provisions of Article 1.7 (commencing at Section 20104.50) of Division 2, Part 3 of the Public Contract Code regarding prompt payment of contractors by local governments. Article 1.7 mandates certain procedures for the payment of undisputed and properly submitted payment requests within 30 days after receipt, for the review of payment requests, for notice to Contractor of improper payment requests, and provides for the payment of interest on progress payment requests that are not timely made in accordance with that Article. This AGREEMENT hereby incorporates the provisions of Article 1.7 as though fully set forth herein.]

V. RETENTION OF SECURITIES

Public Contract Code Section 22300 permits the substitution of securities for any monies withheld by a public agency to ensure performance under a contract, at the request and expense of the CONTRACTOR. The provisions of Public Contract Code are set out in Attachment 3 , attached and incorporated into this AGREEMENT.

VI. INDEMNITY, DEFENSE AND HOLD HARMLESS AGREEMENT

CONTRACTOR shall indemnify, defend with legal counsel approved by CITY, and hold harmless CITY, its officers, officials, employees and volunteers from and against all liability, loss, damage, expense, cost (including without limitation reasonable legal counsel fees, expert fees and all other costs and fees of litigation) of every nature arising out of or

in connection with CONTRACTOR's negligence, recklessness or willful misconduct in the performance of work hereunder or its failure to comply with any of its obligations contained in this Agreement, except such loss or damage which is caused by the sole or active negligence or willful misconduct of the CITY. Should conflict of interest principles preclude a single legal counsel from representing both CITY and CONTRACTOR, or should CITY otherwise find CONTRACTOR's legal counsel unacceptable, then CONTRACTOR shall reimburse the CITY its costs of defense, including without limitation reasonable legal counsels fees, expert fees and all other costs and fees of litigation. The CONTRACTOR shall promptly pay any final judgment rendered against the CITY (and its officers, officials, employees and volunteers) with respect to claims determined by a trier of fact to have been the result of the CONTRACTOR's negligent, reckless or wrongful performance. It is expressly understood and agreed that the foregoing provisions are intended to be as broad and inclusive as is permitted by the law of the State of California and will survive termination of this Agreement.

CONTRACTOR obligations under this section apply regardless of whether or not such claim, charge, damage, demand, action, proceeding, loss, stop notice, cost, expense, judgment, civil fine or penalty, or liability was caused in part or contributed to by an Indemnitee. However, without affecting the rights of CITY under any provision of this agreement, CONTRACTOR shall not be required to indemnify and hold harmless CITY for liability attributable to the active negligence of CITY, provided such active negligence is determined by agreement between the parties or by the findings of a court of competent jurisdiction. In instances where CITY is shown to have been actively negligent and where CITY active negligence accounts for only a percentage of the liability involved, the obligation of CONTRACTOR will be for that entire portion or percentage of liability not attributable to the active negligence of CITY.

VII. PREVAILING WAGES

A. Wage rates for this Project shall be in accordance with the "General Wage Determination Made By the Director of Industrial Relations Pursuant To California Labor Code, Part 7, Chapter 1, Article 2, Sections 1770, 1773 and 1773.1", for Imperial County. Wage rates shall conform with those available at www.dir.ca.gov/OPRL/Pwd and on the Project site.

B. The following Labor Code sections are hereby referenced and made a part of this Agreement:

1. Section 1775 - Penalty for Failure to Comply with Prevailing Wage Rates.
2. Section 1777.4 - Apprenticeship Requirements.
3. Section 1777.5 - Apprenticeship Requirements.
4. Section 1813 - Penalty for Failure to Pay Overtime.
5. Sections 1810 and 1811 - Working Hour Restrictions.
6. Section 1775 - Payroll Records.
7. Section 1773.8 - Travel and Subsistence Pay.

VIII. RECORD AUDIT

In accordance with Government Code, Section 8546.7, records of both the CITY and the CONTRACTOR shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

IX. CLAIM PROCEDURES UNDER PUBLIC CONTRACT CODE SECTION 9204

CONTRACTOR shall comply with the procedure set forth in Public Contracts Code section 9204 for any claim, as that term is defined therein, for one or more of the following: 1) a time extension, including, without limitation, for relief from damages or penalties for delay, 2) payment of money or damages arising from work done pursuant to this Agreement, and/or 3) payment of an amount disputed by the AGENCY under this Agreement. The provisions of Section 9204 are set out in Attachment 4 , attached and incorporated as if fully set forth herein.

X. CERTIFICATIONS

A. Contractor shall have a Class **A or B** License from the Contractors State License Board of the State of California.

XI. FINAL PAYMENT

Final payment, constituting the entire unpaid balance of the Agreement Sum, shall be paid by the CITY to the CONTRACTOR no sooner than thirty-five (35) days after a Notice of Completion has been recorded, unless otherwise stipulated in the Notice of Completion, provided the work has then been completed, the Agreement fully performed, and a final Certificate for Payment has been issued by the Architect.

XII. CONTRACTOR'S FAILURE TO PROCURE COMPLETION OF PROJECT

In the event CONTRACTOR fails to furnish tools, equipment, or labor in the necessary quantity or quality, or fails to prosecute the work or any part thereof contemplated by this Agreement in a diligent and workmanlike manner, and if the CONTRACTOR for a period of three (3) calendar days after receipt of written demand from CITY or its designated representative to do so, fails to furnish tools, equipment, or labor in the necessary quantity or quality, and to prosecute its work and all parts thereof in a diligent and workmanlike manner, or after commencing to do so within said three (3) calendar days, fails to continue to do so; then the CITY may exclude the CONTRACTOR from the premises, or any portion thereof, and take possession of said premises or any portion thereof, together with all material and equipment thereon, and may complete the work contemplated by this Agreement or any portion of said work, either by furnishing the tools, equipment, labor or material necessary, or by letting the unfinished portion of said work, or the portion taken over by the CITY to another contractor or by a combination of such methods. In any event,

the procuring of the completion of said work, or the portion thereof taken over by the CITY, shall be a charge against the CONTRACTOR, and may be deducted from any money due or becoming due to CONTRACTOR from the CITY, or the CONTRACTOR shall pay the CITY the amount of said charge, or the portion thereof unsatisfied. The sureties provided for under this Agreement shall become liable for payment should CONTRACTOR fail to pay in full any said cost incurred by the CITY.

XIII. INSURANCE

Prior to the beginning of and throughout the duration of the Work, CONTRACTOR and its subcontractors shall maintain insurance in conformance with the requirements set forth below. CONTRACTOR will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth herein, CONTRACTOR agrees to amend, supplement or endorse the existing coverage to do so.

CONTRACTOR acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to CONTRACTOR or its subcontractors in excess of the limits and coverage identified in this Agreement and which is applicable to a given loss, claim or demand, will be equally available to CITY.

A. CONTRACTOR shall provide the following types and amounts of insurance:

Without limiting CONTRACTOR's indemnification of CITY, and prior to commencement of Work, CONTRACTOR shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to CITY.

General liability insurance. CONTRACTOR shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, personal injury, and property damage, and a $2,000,000 completed operations aggregate. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

Automobile liability insurance. CONTRACTOR shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the CONTRACTOR arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than $1,000,000 combined single limit for each accident.

Umbrella or excess liability insurance. CONTRACTOR shall obtain and maintain an umbrella or excess liability insurance that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth

above, including commercial general liability and employer's liability. Such policy or policies shall include the following terms and conditions:

- A drop down feature requiring the policy to respond in the event that any primary insurance that would otherwise have applied proves to be uncollectable in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall "follow form" to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Workers' compensation insurance. CONTRACTOR shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000) for CONTRACTOR's employees in accordance with the laws of the State of California, Section 3700 of the Labor Code. In addition, CONTRACTOR shall require each subcontractor to similarly maintain Workers' Compensation Insurance and Employer's Liability Insurance in accordance with the laws of the State of California, Section 3700 for all of the subcontractor's employees.

CONTRACTOR shall submit to CITY, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of CITY, its officers, agents, employees and volunteers.

Pollution liability insurance. Environmental Impairment Liability Insurance shall be written on a CONTRACTOR's Pollution Liability form or other form acceptable to CITY providing coverage for liability arising out of sudden, accidental and gradual pollution and remediation. The policy limit shall be no less than $1,000,000 dollars per claim and in the aggregate. All activities contemplated in this Agreement shall be specifically scheduled on the policy as "covered operations." The policy shall provide coverage for the hauling of waste from the project site to the final disposal location, including non-owned disposal sites.

Products/completed operations coverage shall extend a minimum of three (3) years after project completion. Coverage shall be included on behalf of the insured for covered claims arising out of the actions of independent contractors. If the insured is using subcontractors, the Policy must include work performed "by or on behalf" of the insured. Policy shall contain no language that would invalidate or remove the insurer's duty to defend or indemnify for claims or suits expressly excluded from coverage. Policy shall specifically provide for a duty to defend on the part of the insurer. The CITY, its officials, officers, agents, and employees, shall be included as insureds under the policy.

Builder's risk insurance. Upon commencement of construction and with approval of CITY, CONTRACTOR shall obtain and maintain builder's risk insurance for the entire duration of the Project until only the CITY has an insurable interest. The Builder's Risk coverage shall include the coverages as specified below.

The named insureds shall be CONTRACTOR and CITY, including its officers, officials, employees, and agents. All Subcontractors (excluding those solely responsible for design Work) of any tier and suppliers shall be included as additional insureds as their interests may appear. CONTRACTOR shall not be required to maintain property insurance for any portion of the Project following transfer of control thereof to CITY. The policy shall contain a provision that all proceeds from the builder's risk policy shall be made payable to the CITY. The CITY will act as a fiduciary for all other interests in the Project.

Policy shall be provided for replacement value on an "all risk" basis for the completed value of the project. There shall be no coinsurance penalty or provisional limit provision in any such policy. Policy must include: (1) coverage for any ensuing loss from faulty workmanship, Nonconforming Work, omission or deficiency in design or specifications; (2) coverage against machinery accidents and operational testing; (3) coverage for removal of debris, and insuring the buildings, structures, machinery, equipment, materials, facilities, fixtures and all other properties constituting a part of the Project; (4) Ordinance or law coverage for contingent rebuilding, demolition, and increased costs of construction; (5) transit coverage (unless insured by the supplier or receiving contractor), with sub-limits sufficient to insure the full replacement value of any key equipment item; (6) Ocean marine cargo coverage insuring any Project materials or supplies, if applicable; (7) coverage with sub-limits sufficient to insure the full replacement value of any property or equipment stored either on or off the Site or any staging area. Such insurance shall be on a form acceptable to CITY to ensure adequacy of terms and sub limits and shall be submitted to the CITY prior to commencement of construction.

Other provisions or requirements

Proof of insurance. CONTRACTOR shall provide certificates of insurance to CITY as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by CITY's risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with CITY at all times during the term of this contract. CITY reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. CONTRACTOR shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by CONTRACTOR, his agents, representatives, employees or subcontractors. CONTRACTOR must maintain general liability and umbrella or excess liability insurance for as long as there is a statutory exposure to completed operations claims. CITY and its officers, officials, employees, and agents shall continue as additional insureds under such policies.

Primary/noncontributing. Coverage provided by CONTRACTOR shall be primary and any insurance or self-insurance procured or maintained by CITY shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a

combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of CITY before the CITY's own insurance or self-insurance shall be called upon to protect it as a named insured.

City's rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these requirements or is canceled and not replaced, CITY has the right but not the duty to obtain the insurance it deems necessary and any premium paid by CITY will be promptly reimbursed by CONTRACTOR or CITY will withhold amounts sufficient to pay premium from CONTRACTOR payments. In the alternative, CITY may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the CITY's risk manager.

Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against CITY, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow CONTRACTOR or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. CONTRACTOR hereby waives its own right of recovery against CITY, and shall require similar written express waivers and insurance clauses from each of its sub consultants.

Enforcement of contract provisions (non estoppel). CONTRACTOR acknowledges and agrees that any actual or alleged failure on the part of the CITY to inform CONTRACTOR of non-compliance with any requirement imposes no additional obligations on the CITY nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the CONTRACTOR maintains higher limits than the minimums shown above, the CITY requires and shall be entitled to coverage for the higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the CITY.

Notice of cancellation. CONTRACTOR agrees to oblige its insurance agent or broker and insurers to provide to CITY with a thirty (30) day notice of cancellation (except for

nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that CITY and its officers, officials, employees, agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to CITY and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that CONTRACTOR's insurance shall apply separately to each insured against who claim is made or suit is brought, except with respect to the insurer's limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

Pass through clause. CONTRACTOR agrees to ensure that its sub-consultants, subcontractors, and any other party involved with the project that is brought onto or involved in the project by CONTRACTOR, provide the same minimum insurance coverage and endorsements required of CONTRACTOR. CONTRACTOR agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. CONTRACTOR agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to CITY for review.

City's right to revise requirements. The CITY reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the CONTRACTOR a ninety (90) day advance written notice of such change. If such change results in substantial additional cost to the CONTRACTOR, the CITY and CONTRACTOR may renegotiate CONTRACTOR's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by CITY. CITY reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by CITY.

Timely notice of claims. CONTRACTOR shall give CITY prompt and timely notice of claims made or suits instituted that arise out of or result from CONTRACTOR's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. CONTRACTOR shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the Work.

XIV. CONTRACTOR'S LICENSE; CITY BUSINESS LICENSE

CONTRACTOR must possess at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing. CONTRACTOR shall ensure that any subcontractor working on the Project possesses at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing.

CONTRACTOR shall have a current City business license at the time of commencement of work on the project.

XV. REGISTRATION REQUIREMENTS

Pursuant to Section 1771.1(a) of the Labor Code:

"A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

CONTRACTOR must be registered with the Department of Industrial Relations (DIR) of the State of California in order to be eligible to work on public works projects. CONTRACTOR must ensure registration with the DIR that is active and in good standing.

No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The CONTRACTOR is not subject to public works requirements (including registration with the DIR) if the public works project is under $1,000, unless the CITY knows that the same CONTRACTOR will be awarded total project costs in excess of $1,000 for a given year.

XVI. CORPORATION IN GOOD STANDING

If CONTRACTOR is a corporation, the undersigned hereby represents and warrants that the corporation is duly incorporated and in good standing in the State of California, and that , whose title is , is authorized to act for and bind the corporation.

XVII. PROVISIONS REQUIRED BY LAW

Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein and the Agreement shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not currently inserted, then upon application of either party the Agreement shall forthwith be physically amended to make such insertion or correction.

XVIII. SUBSURFACE HAZARDOUS MATERIALS

A. In the event trenches or other excavations extend deeper than four (4) feet below the surface, the CONTRACTOR shall promptly, and before the following conditions are disturbed, notify the CITY in writing of any:

1. Material that the CONTRACTOR believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code that is required to be removed to a Class I, Class II or Class III disposal site in accordance with the provisions of existing law.
2. Subsurface or latent physical conditions at the site differing from those indicated.
3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in the Work or the character provided for in the CONTRACT.

B. Upon receipt of said notification the CITY will investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the CONTRACTOR's cost of or the time required for performance of any part of the work, the CITY will issue a change order under the procedures described in the General Conditions.

C. In the event that a dispute arises between the CITY and the CONTRACTOR whether the conditions materially differ, or involve hazardous waste or cause a decrease or increase in the CONTRACTOR's cost of or time required for performance of any part of the work, the CONTRACTOR shall not be excused from any scheduled completion date provided for by the Agreement, but shall proceed with all work to be performed under the Agreement. The CONTRACTOR shall retain any and all rights provided either by Agreement or by law which pertain to the resolution of disputes and protests between the contracting parties.

XIX. LIQUIDATED DAMAGES

Pursuant to Government Code Section 53069.85, if work is not completed within the contract time or in strict accordance with the Project Schedule, it is understood, acknowledged and agreed that the CITY will suffer damage. It is therefore agreed that the CONTRACTOR shall pay to the CITY the sum of for each and every calendar day of delay beyond the Contract Time, or beyond any completion schedule, construction schedule or Project milestones established in or pursuant to the Project Schedule, or beyond the time indicated in the Project Schedule for any individual Contract activity.

CONTRACTOR expressly understands, acknowledges and agrees that such liquidated damages can and shall be imposed if the CONTRACTOR does not meet each and every aspect of any activity schedule, completion schedule, construction schedule or Project milestones established in or pursuant to the Project Schedule. If the CITY accepts work or makes any payment under this Agreement after a default by reason of delays, the acceptance of such work and/or payment(s) shall in no respect constitute a waiver or modification of any provisions regarding Contract Time, a completion schedule, the Project Schedule or the accrual of liquidated damages. In the event the same is not paid, the CONTRACTOR further agrees that the CITY may deduct the amount thereof from any money due or that may become due the CONTRACTOR under the Agreement. This Article does not exclude recovery of damages under provisions of the Contract Documents, and is expressly in addition to the CITY's ability to seek other damages.

CONTRACTOR is to refer to Project Construction Schedule for duration of individual activities. Liquidated damages may be assessed if any individual activity duration exceeds the time indicated for that activity on the Project Construction Schedule.

XX. COMPONENT PARTS OF THE CONTRACT

This Agreement entered into consists of the following CONTRACT DOCUMENTS, all of which are component parts of the Agreement as if herein set out in full or attached hereto:

Notice Inviting Bids
Description of Work
Instructions to Bidders
Bid Form
Non-Collusion Declaration
Site Visit Certification
Faithful Performance Bond
Labor and Materials Payment Bond
General Conditions
Supplementary General Conditions
Corporate Certification or Partnership
-Information

List of Subcontractors
Bid Bond
Bidder's General Information
Contract
Workers' Compensation Certificate
Drug/Alcohol Testing Requirements
Construction Plans
Addenda
Drawings
Change Orders

Shop Drawings Transmittals

Project Construction Schedule

Project Specifications
Contractor's Certification of Qualification -For License Classification
Public Contract Code Section 9204

Contractor's Certificate Regarding Non Asbestos Containing Materials
Project FF&E Specifications
Public Contract Code 22300

All of the above named CONTRACT DOCUMENTS are intended to be complementary. Work required by one of the above named CONTRACT DOCUMENTS and not by others shall be done as if required by all.

XXI. ENTIRE CONTRACT

This Agreement constitutes the entire contract of the parties. No other agreements or contracts, whether oral or written, pertaining to the work to be performed, exist between the parties. This Agreement can be modified only by an amendment in writing, signed by both parties.

CONTRACTOR
[Name of Contractor]

By: _____

Title: _____

Date: _____

CITY
City of El Centro

By: _____

Title: _____

Date: _____

ATTACHMENTS:

1. Faithful Performance Bond
2. Labor and Materials Bond
3. Public Contract Code Section 22300
4. Public Contract Code Section 9204

PERFORMANCE BOND

Whereas, The City Council of the City of El Centro, State of California, and _____ (hereinafter designated as "principal") have entered into an agreement whereby principal agrees to install and complete certain designated public improvements, which said agreement, dated _____, 20__, and identified as project _____, is hereby referred to and made a part hereof; and

Whereas, Said principal is required under the terms of said agreement to furnish a bond for the faithful performance of said agreement.

Now, therefore, we, the principal and _____, as surety, are held and firmly bound unto the City of El Centro (hereinafter designated as "El Centro") in the penal sum of _____ dollars ($_____) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the above-bounded principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said agreement and any alteration thereof made as therein provided, on his or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless El Centro, its officers, agents and employees, as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by El Centro in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Agreement or to the work to be performed thereunder or the specifications accompanying the same shall in anywise affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Agreement or to the work or to the specifications.

In Witness Whereof, this instrument has been duly executed by the principal and surety above named, on _____, 20__.

(SEAL)	(SEAL)
_____	_____
(CONTRACTOR)	(Surety)
By: _____	By: _____
(Signature)	(Signature)

- **END OF PERFORMANCE BOND –**

PAYMENT BOND

Whereas, The City Council of the City of El Centro, State of California, and _____ (hereinafter designated as "the principal") have entered into an Agreement whereby the principal agrees to install and complete certain designated public improvements, which Agreement, dated _____, 20 ___, and identified as project _____, is hereby referred to and made a part hereof; and

Whereas, under the terms of the Agreement, the principal is required before entering upon the performance of the work, to file a good and sufficient payment bond with the City of El Centro to secure the claims to which reference is made as set out in Sections 9550 and following of the Civil Code of the State of California.

Now, therefore, the principal and the undersigned as corporate surety, are held firmly bound unto the City of El Centro and all contractors, subcontractors, laborers, materialmen, and other persons employed in the performance of the Agreement and referred to in Section 9550 and following of the Civil Code in the sum of _____ dollars ($_____), for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to this work or labor, that the surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City of El Centro in successfully enforcing this obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under Section 9550 and following of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

In Witness Whereof, this instrument has been duly executed by the principal and surety above named, on _____, 20___.

(SEAL)	(SEAL)
_____	_____
(CONTRACTOR)	(Surety)
By: _____	By: _____
(Signature)	(Signature)

- END OF PAYMENT BOND -

Public Contract Code Section 22300

(a) For purposes of this section, “contractor” includes, but is not limited to, a contractor performing a public works contract, as defined in Section 1101, and any person or entity that would qualify as a contractor under Section 6106.5.

(b) Provisions shall be included in any invitation for bid and in any contract documents to permit the substitution of securities for any moneys withheld by a public agency to ensure performance under a contract; however, substitution of securities provisions shall not be required in contracts in which there will be financing provided by the Farmers Home Administration of the United States Department of Agriculture pursuant to the Consolidated Farm and Rural Development Act (7 U.S.C. Sec. 1921 et seq.), and where federal regulations or policies, or both, do not allow the substitution of securities. At the request and expense of the contractor, securities equivalent to the amount withheld shall be deposited with the public agency, or with a state or federally chartered bank in this state as the escrow agent, who shall then pay those moneys to the contractor. Upon satisfactory completion of the contract, the securities shall be returned to the contractor.

(c) Alternatively, the contractor may request and the owner shall make payment of retentions earned directly to the escrow agent at the expense of the contractor. At the expense of the contractor, the contractor may direct the investment of the payments into securities and the contractor shall receive the interest earned on the investments upon the same terms provided for in this section for securities deposited by the contractor. Upon satisfactory completion of the contract, the contractor shall receive from the escrow agent all securities, interest, and payments received by the escrow agent from the owner, pursuant to the terms of this section.

(d) Securities eligible for investment under this section shall include those listed in Section 16430 of the Government Code, bank or savings and loan certificates of deposit, interest-bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the contractor and the public agency.

The contractor shall be the beneficial owner of any securities substituted for moneys withheld and shall receive any interest thereon.

Failure to include these provisions in bid and contract documents shall void any provisions for performance retentions in a public agency contract.

For purposes of this section, the term “public agency” shall include, but shall not be limited to, chartered cities.

(e) (1) Any contractor who elects to receive interest on moneys withheld in retention by a public agency shall, at the request of any subcontractor, make that option available to the subcontractor

regarding any moneys withheld in retention by the contractor from the subcontractor. If the contractor elects to receive interest on any moneys withheld in retention by a public agency, then the subcontractor shall receive the identical rate of interest received by the contractor on any retention moneys withheld from the subcontractor by the contractor, less any actual pro rata costs associated with administering and calculating that interest. In the event that the interest rate is a fluctuating rate, the rate for the subcontractor shall be determined by calculating the interest rate paid during the time that retentions were withheld from the subcontractor. If the contractor elects to substitute securities in lieu of retention, then, by mutual consent of the contractor and subcontractor, the subcontractor may substitute securities in exchange for the release of moneys held in retention by the contractor.

(2) This subdivision shall apply only to those subcontractors performing more than five percent of the contractor's total bid.

(3) No contractor shall require any subcontractor to waive any provision of this section.

(f) The Legislature hereby declares that the provisions of this section are of statewide concern and are necessary to encourage full participation by contractors and subcontractors in public contract procedures.

(g) The escrow agreement used hereunder shall be null, void, and unenforceable unless it is substantially similar to the following form:

ESCROW AGREEMENT FOR SECURITY DEPOSITS IN LIEU OF RETENTION	
This Escrow Agreement is made and entered into by and between	
	whose address is
	hereinafter called "Owner,"
	whose address is
	hereinafter called "Contractor" and
	whose address is

	hereinafter called “Escrow Agent.”

For the consideration hereinafter set forth, the Owner, Contractor, and Escrow Agent agree as follows:

(1) Pursuant to Section 22300 of the Public Contract Code of the State of California, Contractor has the option to deposit securities with Escrow Agent as a substitute for retention earnings required to be withheld by Owner pursuant to the Construction Contract entered into between the Owner and Contractor for ____ in the amount of ____ dated ____ (hereinafter referred to as the “Contract”). Alternatively, on written request of the Contractor, the Owner shall make payments of the retention earnings directly to the Escrow Agent. When the Contractor deposits the securities as a substitute for Contract earnings, the Escrow Agent shall notify the Owner within 10 days of the deposit. The market value of the securities at the time of the substitution shall be at least equal to the cash amount then required to be withheld as retention under the terms of the Contract between the Owner and Contractor. Securities shall be held in the name of ____, and shall designate the Contractor as the beneficial owner.

(2) The Owner shall make progress payments to the Contractor for those funds which otherwise would be withheld from progress payments pursuant to the Contract provisions, provided that the Escrow Agent holds securities in the form and amount specified above.

(3) When the Owner makes payment of retentions earned directly to the Escrow Agent, the Escrow Agent shall hold them for the benefit of the Contractor until the time that the escrow created under this contract is terminated. The Contractor may direct the investment of the payments into securities. All terms and conditions of this agreement and the rights and responsibilities of the parties shall be equally applicable and binding when the Owner pays the Escrow Agent directly.

(4) Contractor shall be responsible for paying all fees for the expenses incurred by Escrow Agent in administering the Escrow Account and all expenses of the Owner. These expenses and payment terms shall be determined by the Owner, Contractor, and Escrow Agent.

(5) The interest earned on the securities or the money market accounts held in escrow and all interest earned on that interest shall be for the sole account of Contractor and shall be subject to withdrawal by Contractor at any time and from time to time without notice to the Owner.

(6) Contractor shall have the right to withdraw all or any part of the principal in the Escrow Account only by written notice to Escrow Agent accompanied by written authorization from the Owner to the Escrow Agent that Owner consents to the withdrawal of the amount sought to be withdrawn by Contractor.

(7) The Owner shall have a right to draw upon the securities in the event of default by the Contractor. Upon seven days' written notice to the Escrow Agent from the owner of the default, the Escrow Agent shall immediately convert the securities to cash and shall distribute the cash as instructed by the Owner.

(8) Upon receipt of written notification from the Owner certifying that the Contract is final and complete, and that the Contractor has complied with all requirements and procedures applicable to the Contract, Escrow Agent shall release to Contractor all securities and interest on deposit less escrow fees and charges of the Escrow Account. The escrow shall be closed immediately upon disbursement of all moneys and securities on deposit and payments of fees and charges.

(9) Escrow Agent shall rely on the written notifications from the Owner and the Contractor pursuant to Sections (5) to (8), inclusive, of this Agreement and the Owner and Contractor shall hold Escrow Agent harmless from Escrow Agent's release and disbursement of the securities and interest as set forth above.

(10) The names of the persons who are authorized to give written notice or to receive written notice on behalf of the Owner and on behalf of Contractor in connection with the foregoing, and exemplars of their respective signatures are as follows:

On behalf of Owner:	On behalf of Contractor:
Title	Title
Name	Name
Signature	Signature
Address	Address
On behalf of Escrow Agent:	

Title	
Name	
Signature	
Address	

At the time the Escrow Account is opened, the Owner and Contractor shall deliver to the Escrow Agent a fully executed counterpart of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement by their proper officers on the date first set forth above.

Owner	Contractor
Title	Title
Name	Name
Signature	Signature

Public Contract Code Section 9204

(a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, CITY, special CITY, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(iv) The Military Department as to any project under the jurisdiction of that department.

(v) The Department of General Services as to all other projects.

(vi) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(B) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the

public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(2) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(3) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(4) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement

of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

- END OF CONTRACT DOCUMENTS -

GENERAL CONDITIONS

GENERAL CONDITIONS

ARTICLE 1 -- DEFINITIONS

Wherever used in these General Conditions or in the other Contract Documents the following terms have the meanings indicated which are applicable to both the singular and plural thereof. Where an entire word is capitalized in the definitions and is found un-capitalized in the Contract Documents it has the ordinary dictionary definition.

Addenda - Written or graphic instruments issued prior to the opening of Bids which make additions, deletions or revisions to the Contract Documents.

Agent - CONSTRUCTION MANAGER is the Agent of OWNER.

Agreement - The written contract between OWNER and CONTRACTOR covering the WORK to be performed; other documents are attached to the Agreement and made a part thereof as provided therein.

Allowance - A Bid item that adds a specified quantity of WORK to the Agreement work scope which OWNER may unilaterally direct CONTRACTOR to perform, or elect not to have performed.

Application for Payment - The form furnished by CONSTRUCTION MANAGER which is to be used by CONTRACTOR to request progress or Final Payment and which is to be accompanied by such supporting documentation as is required by the Contract Documents.

Asbestos - Any material that contains more than one (1) percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration ("OSHA").

Beneficial Occupancy - Use by OWNER of the WORK prior to final acceptance.

Bidder - Any individual, firm, partnership, corporation or combination thereof, submitting a Bid for the WORK, acting directly or through a duly authorized representative.

Bid - The offer or proposal of the Bidder submitted on the prescribed form setting forth the price or prices for the WORK.

Bidding Documents - The advertisement or Invitation to Bid, Instructions to Bidders, the Bid form, and the proposed Contract Documents (including all Addenda issued prior to receipt of Bids).

Bonds - Bid, Performance and Payment Bonds and other instruments, which protect against loss due to inability or refusal of CONTRACTOR to perform its contract.

Change Order - A document recommended by CONSTRUCTION MANAGER, which is signed by CONTRACTOR and OWNER and authorizes an addition, deletion or revision in the WORK, or an adjustment in the Contract Price or the Contract Time, issued on or after the Effective Date of the Agreement.

CITY - OWNER (See OWNER's definition in this section).

City of El Centro - OWNER (See OWNER's definition in this section).

Claim - A dispute becomes a Claim only after CONTRACTOR receives and refuses to accept CONSTRUCTION MANAGER's initial determination, and is certified as required by Article 16.3.

Codes - The terms Government Code, Labor Code, etc. refer to codes of the State of California.

CONSTRUCTION MANAGER - The individual, partnership, corporation, joint venture or other legal entity named as such by written notice from OWNER.

Construction Manager Order - A written order issued by CONSTRUCTION MANAGER which clarifies or interprets the Procurement Documents or orders minor changes or alterations in the scope of WORK to be furnished but which does not involve a change in the Contract Price or the Contract Time.

Contract Documents - The Notice Inviting Bids, Instructions to Bidders, Bid forms (including the Bid, Bid schedule(s), information required of Bidder, Bid bond, and all required certificates and affidavits), Agreement, Performance Bond, Payment Bond, General Conditions, Supplementary General Conditions, SPECIAL PROVISIONS, Drawings and all Addenda, and Change Orders executed pursuant to the provisions of the Contract Documents.

Contract Milestone - A principal event specified in the Contract Documents relating to an intermediate completion date of a portion of the WORK, or a period of time within which the portion of the WORK should be performed prior to Substantial Completion of all the WORK.

Contract Price - The total monies payable by OWNER to CONTRACTOR under the terms and conditions of the Contract Documents.

Contract Time - The number of successive calendar Days stated in the Contract Documents for the completion of the WORK.

CONTRACTOR - The individual, partnership, corporation, joint venture or other legal entity with whom OWNER has executed the Agreement.

Day - A calendar day of twenty-four (24) hours measured from midnight to the next midnight.

Defective Work - Work that is unsatisfactory, faulty or deficient; or that does not conform to the Contract Documents; or that does not meet the requirements of any inspection, reference standard,

test or approval referred to in the Contract Documents; or work that has been damaged by anyone other than OWNER prior to CONSTRUCTION MANAGER's recommendation of final payment.

Demobilization - The complete dismantling and removal by CONTRACTOR of all of CONTRACTOR's temporary facilities, equipment and personnel at the site.

Drawings - The drawings, plans, maps, profiles, diagrams and other graphic representations which indicate the character, location, nature, extent and scope of the WORK and which have been prepared by OWNER and are referred to in the Contract Documents. Shop Drawings are not Drawings as so defined.

Disputed Work - A dispute exists from the time CONTRACTOR disagrees with a decision or determination made by CONSTRUCTION MANAGER until CONSTRUCTION MANAGER renders an initial determination. If the issue is unresolved it becomes a Claim.

Effective Date of the Agreement - The date indicated in the Agreement on which it becomes effective, but if no such date is indicated it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.

Engineer - Wherever the word Engineer is found in these Contract Documents or in any referenced document, it shall mean CONSTRUCTION MANAGER.

Field Order - A written order issued by OWNER which changes the Agreement WORK scope and involves a change in the Contract Price or Contract Time or the intent of the Agreement.

Final Payment - is defined as the last progress payment made to CONTRACTOR for earned funds, less retainage as applicable, less deductions listed in Article 14. CONTRACTOR is entitled to this payment when the Notice of Completion is issued.

General Conditions - Section General Conditions of the Contract Specification.

Hazardous Waste - The term Hazardous Waste shall have the meaning provided in Section 104 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time or, as defined in section 25117 of the Health and Safety Code, that is required to be removed to a class I, class II or class III disposal site in accordance with provisions of existing law, whichever is more restrictive.

Holidays - Legal Holidays observed by OWNER occur on:

New Year's Day - January 1
Martin Luther King's Birthday - Third (3rd) Monday in January
President's Day - Third (3rd) Monday in February
Good Friday – The afternoon of the Friday before Easter
Memorial Day - Last Monday in May
Juneteenth – June 19
Independence Day - July 4
Labor Day - First (1st) Monday in September
Veteran's Day - November 11
Thanksgiving Day - Fourth (4th) Thursday in November
The Day after Thanksgiving – The Friday after the fourth (4th) Thursday in November
Christmas Eve – The afternoon of December 24
Christmas Day - December 25
New Years Eve – The afternoon of December 31

If any Holiday listed above falls on a Saturday, Saturday and the preceding Friday are both legal Holidays. If the Holiday should fall on a Sunday, Sunday and the following Monday are both legal Holidays.

Interfacing Work - Work which connects to, abuts or meets with work of another contractor.

Laws and Regulations - Any and all applicable laws, rules, regulations, ordinances, codes and/or orders of any and all governmental bodies, agencies, authorities and courts having jurisdiction.

Lump Sum Work - Work to be paid on the basis of lump sum prices.

Mechanic's Lien - A form of security, an interest in real property, which is held to secure the payment of an obligation. When referred to in these Contract Documents, Mechanic's Lien or lien means Stop Notice.

Milestone - See Contract Milestone.

Mobilization - The establishment by CONTRACTOR of the temporary facilities, equipment and personnel at the site thereby enabling the WORK to commence.

Notice of Award - The written notice by OWNER to the apparent low Bidder stating that upon compliance by the apparent low Bidder with the conditions precedent enumerated therein within the time specified, OWNER will enter into an Agreement.

Notice of Completion - A form signed by DESIGN CONSULTANT, CONSTRUCTION MANAGER and CONTRACTOR recommending to OWNER that the WORK is complete and fixing the date of completion. After acceptance of the WORK by OWNER's governing body, the form is signed by OWNER and filed with the County Recorder. This filing starts the thirty (30) Day lien filing period on the WORK.

Notice to Proceed - The written notice issued by OWNER to CONTRACTOR authorizing CONTRACTOR to proceed with the WORK and establishing the date of commencement of the Contract Time.

OWNER's Agent - CONSTRUCTION MANAGER is OWNER's Agent.

OWNER - The City of El Centro, acting through its legally designated officials, officers or employees.

Partial Utilization - Use by OWNER of a substantially completed part of the WORK for the purpose for which it is intended prior to Substantial Completion of all the WORK. (See Beneficial Occupancy)

PCBs - Polychlorinated biphenyls.

Petroleum - Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (sixty (60) degrees Fahrenheit and fourteen and seven-tenths (14.7) pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene and oil mixed with other non-Hazardous Wastes and crude oils.

Project - The total construction of which the WORK to be provided under the Contract Documents may be the whole, or a part as indicated elsewhere in the Contract Documents.

Radioactive Material - Source, special nuclear or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Sections 2011 *et seq*.) as amended from time to time.

Request for Information - The standardized form furnished by OWNER for CONTRACTOR's use when making written requests for information to CONSTRUCTION MANAGER, and upon which the response will be answered and returned.

Request for Proposal - The standardized form used by CONSTRUCTION MANAGER to request a proposal from CONTRACTOR for proposed changes in the WORK.

Samples - Physical examples of materials, equipment or workmanship that are representative of some portion of the WORK and which establish the standards by which such portion of the WORK will be judged.

Safety - Safety includes health and security.

Shop Drawings - All drawings, diagrams, illustrations, schedules and other data which are specifically prepared by or for CONTRACTOR and submitted by CONTRACTOR to illustrate some portion of WORK and all illustrations, brochures, standard schedules, performance charts, instructions and diagrams to illustrate material or equipment for some portion of the WORK.

Specifications – The directions, provisions and requirements contained in the Bidding Documents, contract forms, conditions of the Agreement and the SPECIAL PROVISIONS, as listed in the Table of Contents.

Stop Notice - A legal remedy for Subcontractors and Suppliers who contribute to public works, but who are not paid for their work, which secures payment from construction funds possessed by OWNER. For public property, the Stop Notice remedy is designed to substitute for Mechanic's Lien rights.

Submittals - The information which is specified for submission to CONSTRUCTION MANAGER in accordance with Article 6.20 of the General Conditions.

Sub-Consultant - The individual, partnership, corporation, joint venture or other legal entity having a direct contract with DESIGN CONSULTANT, CONSTRUCTION MANAGER or with any of their consultants to furnish services with respect to the Project and who is identified as such in the Supplementary General Conditions.

Subcontractor - An individual, partnership, corporation, joint venture or other legal entity having a direct contract with CONTRACTOR or with any other Subcontractor for the performance of a part of the WORK at the site.

Substantial Completion - Refers to when the WORK has progressed to the point where, in the opinion of CONSTRUCTION MANAGER as evidenced by Notice of Completion as applicable, it is sufficiently complete, in accordance with the Contract Documents, so that the WORK can be utilized for the purposes for which it is intended, and after the operation demonstration is complete, where applicable.

SPECIAL PROVISIONS – That section of the Contract Documents consisting of written technical descriptions of products and execution of the WORK.

Supplementary General Conditions - The part of the Contract Documents which make additions, deletions or revisions to these General Conditions.

Supplier - A manufacturer, fabricator, supplier, distributor, material worker or vendor.

Underground Utilities - All pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels or other such facilities or attachments, and any encasement containing such facilities which have been installed underground to furnish any of the following services or materials: electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, sewage and drainage removal, traffic or other control systems or water.

Unit Price Work - Specific WORK scope included in the Agreement WORK scope to be paid for on the basis of unit prices. OWNER may unilaterally direct CONTRACTOR to perform the WORK, or elect not to have the WORK performed.

WORK - The entire completed construction or the various separately identifiable parts thereof required to be furnished under the Contract Documents. WORK is the result of performing or furnishing labor and furnishing and incorporating materials and equipment into the construction, and performing or furnishing services and furnishing documents, all as required by the Contract Documents.

Work Change Directive - A written directive to CONTRACTOR, issued on or after the Effective Date of the Agreement and recommended by CONSTRUCTION MANAGER, and signed by OWNER ordering an addition, deletion or revision in the WORK, or responding to differing or unforeseen physical conditions under which the WORK is to be performed or to emergencies. A Work Change Directive will not change the Contract Price or the Contract Time, but is evidence that the parties expect that the change directed or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Time.

ARTICLE 2 -- PRELIMINARY MATTERS

2.1 DELIVERY OF BONDS/INSURANCE CERTIFICATES - When CONTRACTOR delivers the signed Agreements to OWNER, CONTRACTOR shall also deliver to OWNER such Bonds and Insurance Policies and Certificates as CONTRACTOR may be required to furnish in accordance with the Contract Documents.

2.2 COPIES OF DOCUMENTS - OWNER shall furnish to CONTRACTOR ten (10) copies of the Contract Documents as specified in the Agreement and ten (10) sets of full-scale Drawings. Additional quantities of the Contract Documents will be furnished at reproduction cost.

2.3 COMMENCEMENT OF CONTRACT TIME; NOTICE TO PROCEED - The Contract Time will start to run on the commencement date stated in the Notice to Proceed.

2.4 STARTING THE WORK - CONTRACTOR shall begin to perform the WORK within ten (10) Days after the commencement date stated in the Notice to Proceed, but no work shall be done at the site prior to said commencement date. In addition, any requirements in the Supplemental General Conditions must be satisfied.

2.5 CONTRACTOR MUST STUDY CONTRACT DOCUMENTS - Before undertaking each part of the WORK, CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field measurements. CONTRACTOR shall promptly report in writing to CONSTRUCTION MANAGER any conflict, error or discrepancy which CONTRACTOR may discover and shall obtain a written interpretation or clarification from CONSTRUCTION MANAGER before proceeding with any work affected thereby.

2.6 PRELIMINARY SUBMITTALS - Preliminary submittals shall be provided to CONSTRUCTION MANAGER in accordance with Division 1 requirements.

2.7 PRECONSTRUCTION CONFERENCE - CONTRACTOR is required to attend a preconstruction conference. This conference will be attended by CONSTRUCTION MANAGER and others as appropriate in order to discuss the WORK in accordance with the applicable procedures specified in the General Requirements.

CONTRACTOR is required to schedule and attend a preconstruction conference with the Imperial Irrigation District ("IID") prior to the construction or demolition of any electrical improvements.

2.8 SUBCONTRACTOR MOBILIZATION MEETING - Prior to the start of each major Subcontractor's site work, CONTRACTOR, the involved Subcontractor and CONSTRUCTION MANAGER shall attend a pre-start meeting to discuss the schedule, coordination, procedures and other administrative issues.

2.9 CONTRACTOR DUTY TO ADVISE OWNER OF KNOWN OR DISCOVERED PROBLEMS - CONTRACTOR is reminded of his obligation to advise OWNER of any errors and/or omissions in the Contract Documents, or changes to thereof, which CONTRACTOR may be aware through special knowledge or discovered during the Bid process.

ARTICLE 3 -- CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.1 INTENT - The Contract Documents comprise the entire agreement between OWNER and CONTRACTOR concerning the WORK. The Contract Documents are complementary; what is called for by one is as binding as if called for by all. The Contract Documents will be construed in accordance with the law of the place of the WORK.

3.2 INTENT OF WORK TO BE FUNCTIONALLY COMPLETE

3.2.1 Work to be Complete - It is the intent of the Contract Documents to describe the WORK to be constructed in accordance with the Contract Documents. Any work, materials or equipment that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result shall be supplied whether or not specifically called for or identified in the Contract Documents. When words or phrases which have a well-known technical or construction industry or trade meaning are used to describe work, materials or equipment, such words or phrases shall be interpreted in accordance with that meaning unless a definition has been provided in Article 1 of the General Conditions.

3.2.2 Necessary Utilities - If utilities to equipment/fixtures are not shown but are necessary to operate the equipment/fixtures, the utilities service installation is considered to be part of the WORK. The implied WORK will conform to the appropriate sections of the technical Specifications.

3.3 CLARIFICATIONS AND INTERPRETATIONS OF THE CONTRACT DOCUMENTS

3.3.1 Referenced Standards - Reference to standard specifications, manuals or Codes of any technical society, organization or association or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard

specification, manual, code or laws or regulations in effect at the time of opening of Bids, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code shall be effective to change the duties and responsibilities of OWNER, CONTRACTOR or CONSTRUCTION MANAGER or any of their consultants, agents or employees from those set forth in the Contract Documents.

3.3.2 Discovery of Problem Notice - If, during the performance of the WORK, CONTRACTOR discovers any conflict, error, ambiguity or discrepancy with the WORK within the Contract Documents or between the Contract Documents and any provision of any such Laws and Regulations applicable to the performance of the WORK or of any such standard, specification, manual or code or of any instruction of any Supplier, CONTRACTOR shall report it to CONSTRUCTION MANAGER in writing within seven (7) calendar Days of discovery. CONTRACTOR shall not proceed with the WORK affected thereby, except in an emergency, unless directed by CONSTRUCTION MANAGER. Any WORK performed by CONTRACTOR that is not directed by CONSTRUCTION MANAGER shall be at its own risk.

3.3.3 Order of Precedence of Contract Documents - In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as follows:

3.3.3.1 Permits from other agencies as may be required by law.

3.3.3.2 Change Orders

3.3.3.3 Agreement

3.3.3.4 Addenda

3.3.3.5 CONTRACTOR's Bid (Bid Form)

3.3.3.6 Notice Inviting Bids

3.3.3.7 Instructions to Bidders

3.3.3.8 Supplementary General Conditions

3.3.3.9 General Conditions

3.3.3.10 SPECIAL PROVISIONS

3.3.3.11 Drawings

3.3.3.12 Referenced Standard Specifications

3.3.4 Order of Precedence of the Drawings - With reference to the Drawings the order of precedence is as follows:

3.3.4.1 Figures govern over scaled dimensions

3.3.4.2 Detail drawings govern over general drawings

3.3.4.3 Addenda/Change Order drawings govern over Contract Drawings

3.3.4.4 Contract Drawings govern over standard drawings

3.4 AMENDING AND SUPPLEMENTING CONTRACT DOCUMENTS

3.4.1 Amending Contract Documents - The Contract Documents may be amended to provide for additions, deletions and revisions in the WORK or to modify the terms and conditions thereof by a Change Order pursuant to Article 10.

3.4.2 Supplementing Contract Documents - The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the WORK may be authorized, by:

3.4.2.1 - A Construction Manager Order issued by CONSTRUCTION MANAGER.

3.4.2.2 - DESIGN CONSULTANT's approval of a Shop Drawing or Sample pursuant to Article 6

3.4.2.3 - DESIGN CONSULTANT's written interpretation or clarification

3.5 REUSE OF DOCUMENTS - Neither CONTRACTOR, nor any Subcontractor or Supplier, nor any other person or organization performing any of the WORK under a contract with OWNER shall have or acquire any title to or ownership rights in any of the Drawings, technical Specifications or other documents used on the WORK, and they shall not reuse any of them on the extensions of the Project or any other project without written consent of OWNER.

ARTICLE 4 -- AVAILABILITY OF LANDS; PHYSICAL CONDITIONS; REFERENCE POINTS

4.1 AVAILABILITY OF LANDS - OWNER shall furnish, as indicated in the Contract Documents, the lands upon which the WORK is to be performed, rights-of-way and easements for access thereto, and such other lands which are designated for the use of CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by OWNER, unless otherwise provided in the Contract Documents. Nothing contained in the Contract Documents shall be interpreted as giving CONTRACTOR exclusive occupancy of the lands or rights-of-way provided. CONTRACTOR shall provide, at no additional cost, for all additional lands and access thereto that may be required for temporary construction facilities, borrow areas, waste disposal areas or storage of materials and equipment; provided that CONTRACTOR shall not enter upon nor use any property not under the control of OWNER until a written temporary construction easement agreement has been executed by CONTRACTOR and the property owner, and a copy of said easement furnished to CONSTRUCTION MANAGER prior to said use; and, neither OWNER nor CONSTRUCTION MANAGER shall be liable for any

claims or damages resulting from CONTRACTOR's unauthorized trespass or authorized use of any such properties.

4.2 PHYSICAL SITE CONDITIONS

4.2.1 Reports and Drawings - Reference is made to the Supplementary General Conditions for identification of:

4.2.1.1 Subsurface Condition Reports - Those reports of explorations and tests of subsurface conditions at or contiguous to the site that have been utilized by OWNER in preparing the Contract Documents; and

4.2.1.2 Drawings of Existing Structures - Reference is made to the Supplementary General Conditions for identification of those drawings of physical conditions in or relating to existing surface and subsurface structures (except Underground Utilities referred to in section 4.4 of Article 4 herein) which are at or contiguous to the site that have been utilized in the preparation of the Contract Documents.

4.2.2 Limited Reliance By CONTRACTOR On The Technical Data - CONTRACTOR may rely upon the accuracy of the technical data contained in such drawings or reports, however, nontechnical data, interpretations and opinions contained in such drawings or reports are not to be relied on by CONTRACTOR. CONTRACTOR may not rely upon or make any claims against OWNER, OWNER or CONSTRUCTION MANAGER with respect to:

4.2.2.1 the completeness of such reports and drawings for CONTRACTOR's purposes, including, but not limited to, any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by CONTRACTOR and Safety precautions and programs incident thereto, or

4.2.2.2 other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings, or

4.2.2.3 any CONTRACTOR interpretation of or conclusion drawn from any technical data or any such data, interpretations, opinions or information.

4.3 DIFFERING SITE CONDITIONS - If CONTRACTOR believes that any subsurface or physical condition at or contiguous to the site that is uncovered or revealed either:

4.3.1 is of such a nature as to establish that any technical data on which CONTRACTOR is entitled to rely as provided in paragraphs 4.2.1 is materially inaccurate, or

4.3.2 is of such a nature as to require a change in the Contract Documents, or

4.3.3 differs materially from that shown or indicated in the Contract Documents, or

4.3.4 is of an unusual nature and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents, CONTRACTOR shall immediately report it to CONSTRUCTION MANAGER then CONTRACTOR shall, promptly after becoming aware thereof and before further disturbing conditions thereby or performing any work in connection therewith (except in an emergency as permitted by paragraph 6.23), notify OWNER and CONSTRUCTION MANAGER in writing about such condition. CONTRACTOR shall not further disturb such conditions or perform any work in connection therewith (except as aforesaid) until receipt of written order to do so.

4.3.5 OWNER Responsibility - OWNER shall promptly investigate the conditions, and if it finds that the conditions do materially so differ and cause a decrease or increase in CONTRACTOR's cost of, or the time required for, performance of any part of the WORK, OWNER shall issue a Change Order under the procedures described in Article 10. If OWNER determines that there is no bona fide work scope change or is a minor change which does not impact time or cost, OWNER shall notify CONTRACTOR of this finding within thirty (30) Days.

4.3.6 Disputed Work – If CONTRACTOR and OWNER are unable to reach agreement on Disputed Work, OWNER may direct CONTRACTOR to proceed with the WORK. Payment shall be as later directed, by mediation or arbitration, if OWNER and CONTRACTOR agree thereto, or as fixed in a court of law.

Although not to be construed as proceeding under extra work provisions, CONTRACTOR shall keep and furnish records of Disputed Work in accordance with 11.3.

4.3.7 Disallowance of Entitlement - CONTRACTOR shall not be entitled to any adjustment in the Contract Price or Contract Time or will be deemed to have waived his right to such a claim if:

4.3.7.1 CONTRACTOR knew of the existence of such conditions at the time CONTRACTOR made a final commitment to OWNER in respect of Contract Price and Contract Time by the submission of a Bid or becoming bound under the Agreement; or

4.3.7.2 the existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation of the site and contiguous areas suggested or required by the Bidding Documents: or

4.3.7.3 CONTRACTOR failed to give the written notice within the time and as required by Article 3.3.2.

4.4 UNDERGROUND UTILITIES

4.4.1 Utilities Indicated - The information and data indicated in the Contract Documents with respect to existing Underground Utilities at or contiguous to the site are based on information and data furnished to OWNER or CONSTRUCTION MANAGER by the owners of such Underground Utilities or by others. Unless it is expressly provided in the Supplementary General Conditions and/or the General Conditions, OWNER and CONSTRUCTION MANAGER shall not be responsible for the accuracy or completeness of any such information or data, and CONTRACTOR

shall have full responsibility for reviewing and checking all such information and data, for locating all Underground Utilities indicated in the Contract Documents, for coordination of the WORK with the owners of such Underground Utilities during construction, for the Safety and protection thereof and repairing any damage thereto resulting from the WORK, the cost of which will be considered as having been included in the Contract Price.

4.4.2 Utilities Not Indicated - If Underground Utilities are uncovered or revealed at or contiguous to the site which was not indicated in the Contract Documents and which CONTRACTOR could not reasonably have been expected to be aware of, CONTRACTOR shall identify the owner of such Underground Utilities and give written notice thereof to that owner and shall notify CONSTRUCTION MANAGER in accordance with the requirements of the General Conditions and General Requirements.

4.4.3 Action Prior To Starting Work - As provided in section 4216 of the California Government Code, at least two (2) working Days prior to commencing any excavation, CONTRACTOR shall contact the regional notification center (Underground Service Alert of Southern California) and obtain an inquiry identification number.

4.4.4 Locate Utilities - CONTRACTOR shall determine the location and depth of all utilities, including service connections, which have been marked by the respective owners and which may affect or be affected by its operations. Full compensation for such work shall be considered as included in CONTRACTOR's Bid price.

4.4.5 Protection Of Utilities - CONTRACTOR shall not interrupt the service function or disturb the support of any utility, without authority from OWNER or order from the utility owner. All valves, switches, vaults and meters shall be maintained readily accessible for emergency shutoff. Where protection is required to ensure support of utilities located as shown on the Plans, CONTRACTOR shall, unless otherwise provided, furnish and place the necessary protection at its expense.

4.4.6 Notification Requirements If Utility Disturbed - CONTRACTOR shall immediately notify CONSTRUCTION MANAGER and utility owner if any utility is disturbed or damaged. CONTRACTOR shall bear the costs of repair or replacement of any utility damaged by CONTRACTOR.

4.4.7 Removal Of Abandoned Utilities - Unless otherwise specified, CONTRACTOR shall remove all interfering portions of utilities shown on the Plans or indicated in the Bidding Documents as abandoned. Before starting removal operations, CONTRACTOR shall ascertain from the Utility Owner whether the abandonment is complete. The costs involved in the removal and disposal shall be included in the price for the item of work necessitating such removals.

4.4.8 Relocation Of Utilities

4.4.8.1 When the Plans or Specifications provide for CONTRACTOR to alter, relocate or reconstruct a utility, all costs for such work shall be included in the Bid.

4.4.8.2 Temporary or permanent relocation or alteration of indicated utilities requested by CONTRACTOR for its convenience shall be its responsibility, and CONTRACTOR shall make all arrangements and bear all costs.

4.4.8.3 After award of the Agreement, portions of utilities not indicated in the Contract Documents which are found to interfere with the WORK may be relocated, altered or reconstructed by the utility owner, or CONSTRUCTION MANAGER may order changes in the WORK to avoid interference. Such changes will be paid for in accordance with Article 10.

4.4.9 Delays

4.4.9.1 CONTRACTOR shall immediately notify in writing the utility owner and CONSTRUCTION MANAGER of its construction schedule and any subsequent changes in the construction schedule which will affect the time available for protection, removal or relocation of utilities.

4.4.9.2 CONTRACTOR will not be entitled to damages or additional payment for delays attributable to utility relocations or alterations if correctly located, as noted in the Contract Documents.

4.4.9.3 CONTRACTOR may be given a no cost extension of time for unforeseen delays attributable to unreasonably protracted interferences by others in the relocation of utilities.

4.4.10 Access to the WORK - When necessary, CONTRACTOR shall so conduct its operations as to permit access to the WORK site and provide time for utility work to be accomplished during normal work hours during the progress of the WORK.

4.5 REFERENCE POINTS

4.5.1 Bench Mark - The CONSTRUCTION MANAGER will provide one (1) benchmark, near or on the site of the WORK, and will provide two (2) points near or on the site to establish a base line for use by CONTRACTOR for alignment control. Unless otherwise specified in the General Requirements, CONTRACTOR shall furnish all other lines, grades and benchmarks required for proper execution of the WORK.

4.5.2 Protection of Bench Marks - CONTRACTOR shall preserve all bench marks, stakes and other survey marks, and in case of their removal or destruction by any party, CONTRACTOR shall be responsible for the accurate replacement of such reference points by personnel qualified under Division 3, Chapter 15 of the California Business and Professions Code. CONTRACTOR shall report to CONSTRUCTION MANAGER whenever a reference point is lost, destroyed or requires relocation.

4.6 ASBESTOS, PCBS, PETROLEUM, HAZARDOUS WASTE OR RADIOACTIVE MATERIAL

4.6.1 OWNER Responsibility - OWNER shall be responsible for any hazardous material which includes hazardous substances and hazardous waste as defined by sections 25316 and 25117 of the Health and Safety Code, uncovered or revealed at the site which was not identified in the Contract Documents to be within the scope of the WORK. OWNER shall not be responsible for any such materials brought to the site by CONTRACTOR, Subcontractors, Suppliers or anyone else for whom CONTRACTOR is responsible.

4.6.2 CONTRACTOR's Responsibility - When such hazardous material is encountered, CONTRACTOR shall immediately stop all work in connection with such hazardous condition in any area affected thereby (except in an emergency as required by Article 6) and notify OWNER and CONSTRUCTION MANAGER in writing. OWNER shall promptly evaluate such hazardous condition and take corrective action. CONTRACTOR shall not be required to resume work in any such affected area until after OWNER has delivered to CONTRACTOR written notice specifying that such condition and any affected area has been rendered safe for the reassumption of work, or specifying any special conditions under which such work may be resumed safely.

4.6.3 Dispute - If, after receipt of such special written notice, CONTRACTOR does not agree to resume work based on a reasonable belief it is unsafe, or does not agree to resume work under such special conditions, then OWNER may order such portion of the work that is in connection with such hazardous condition or in such affected area to be deleted from the WORK. OWNER may have such deleted portion of the work performed by OWNER's own forces or others in accordance with Article 7. If OWNER and CONTRACTOR cannot agree as to entitlement to or the amount or extent of an adjustment, if any, in Contract Price or Contract Time as a result of work stoppage or of deleting such portion of the WORK, then either party may make a Claim as provided in Article 16.

4.6.4 OWNER Hold Harmless - To the fullest extent permitted by Laws and Regulations, OWNER shall indemnify and hold harmless CONTRACTOR, Subcontractors, CONSTRUCTION MANAGER, OWNER and the officers, directors, employees, agents, other consultants and Subcontractors of each and any of them from and against all claims, costs, losses and damages arising out of or resulting from such hazardous condition, provided that any such claim, cost, loss or damage is attributable to bodily injury, sickness, disease or death or to the destruction of tangible property and provided further that any such claim, cost loss or damage is not caused by the consequences of that person's or entity's own negligence.

ARTICLE 5 -- BONDS AND INSURANCE

5.1 PERFORMANCE, PAYMENT AND OTHER BONDS

5.1.1 Bond Requirement - CONTRACTOR shall furnish Performance and Payment Bonds, each in the amount set forth in the Supplementary General Conditions as security for the faithful performance and payment of all CONTRACTOR's obligations under the Contract Documents. These Bonds shall remain in effect at least until one (1) year after the filing date of Notice of Completion, except as otherwise provided by law or regulation or by the Contract Documents. CONTRACTOR shall also furnish such other Bonds as are required by the Supplementary General Conditions.

5.1.2 Licensed Surety - All Bonds shall be in the form prescribed by the Contract Documents and by such sureties which are admitted insurers in the State of California and are subject to regulation by the Department of Insurance, and which also satisfy the requirements stated in section 995.660 of the Code of Civil Procedure, except as provided otherwise by Laws or Regulations. All Bonds signed by an agent must be accompanied by a certified copy of such agent's authority to act. Surety companies must be duly licensed or authorized in the jurisdiction in which the Project is located to issue Bonds for the limits so required. Such surety companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary General Conditions.

5.1.3 Bankrupt or Insolvent Surety - If the surety on any Bond furnished by CONTRACTOR is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the WORK is located, CONTRACTOR shall within seven (7) Days thereafter substitute another Bond and Surety, which must be acceptable to OWNER per paragraph 5.1.1 and 5.1.2 above.

5.2 INSURANCE

5.2.1 Insurance Policy Requirements - CONTRACTOR shall purchase and maintain the insurance required under the Construction Services Agreement.

5.2.7 Subcontractor's Insurance - CONTRACTOR shall either require each of its Subcontractors to procure and to maintain public liability and property damage insurance and vehicle liability insurance of the type and in the amounts specified for CONTRACTOR in the Supplementary General Conditions or insure the activities of its Subcontractors in CONTRACTOR's own policy, in like amount.

5.2.9 Restriction on Start of Site Work - CONTRACTOR shall not perform any WORK unless CONTRACTOR has in full force and effect all required insurance. CONTRACTOR shall not allow any Subcontractor, Supplier or other organization to perform WORK unless the Workers' Compensation requirements have been met.

5.2.10 Increasing Insurance Limits - OWNER may direct CONTRACTOR to increase insurance limits. CONTRACTOR will be entitled to a Contract Price adjustment based on the substantiated premium costs.

ARTICLE 6 -- CONTRACTOR'S RESPONSIBILITIES

6.1. Responsibility Of CONTRACTOR To Perform - Unless otherwise specified in the Contract Documents, CONTRACTOR shall furnish and assume full responsibility for all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities and all other facilities and incidentals necessary for the furnishing, performance, testing, start-up and completion of the WORK. Such support that may need to be provided after normal working hours will be provided by CONTRACTOR at its expense.

6.2 Labor, Materials and Equipment All materials and equipment to be incorporated into the WORK shall be of good quality and new, except as otherwise provided in the Contract Documents. All warranties and guarantees specifically called for by the Specifications shall expressly run to the benefit of OWNER. If required by CONSTRUCTION MANAGER, CONTRACTOR shall furnish satisfactory evidence (including reports of required tests) as to the kind and quality of materials and equipment. All materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable Supplier except as otherwise provided in the Contract Documents; but no provisions of any such instructions will be effective to assign to CONSTRUCTION MANAGER, any duty or authority to supervise or direct the furnishing or performance of the WORK.

6.2.1 The completed work shall include all necessary permanent Safety devices, such as machinery guards, emergency stops and similar Safety items required by OSHA, Cal-OSHA and other Federal, State and local health and Safety regulations. In addition, all equipment, products, components and/or package systems shall be designed, fabricated and installed in compliance with Seismic Zone 4 structural criteria. Further, any features of the work (including OWNER-selected equipment) subject to such Safety regulations and structural criteria shall be fabricated, furnished and installed in compliance with Seismic Zone 4 structural criteria. CONTRACTOR shall include provisions of this Article in his agreements with Subcontractors, Suppliers and manufacturers of equipment and/or products.

In selecting and/or accepting equipment and/or products for installation in the WORK, OWNER, OWNER and CONSTRUCTION MANAGER assume no responsibility for the injury, property damage or any other damages or claims resulting from failure of the equipment, products, components and/or package systems to comply with applicable Safety Codes or requirements, or the Safety requirements of a recognized agency, or failure due to manufacturer's faulty design concepts, or Defective Work and materials. CONTRACTOR shall defend, indemnify and hold OWNER, OWNER and CONSTRUCTION MANAGER harmless against any and all liability, claims, suits, damages, costs or expenses caused or claimed to be caused in whole or in part by the negligence or willful misconduct of the construction CONTRACTOR connected with the WORK. However, this indemnity will not extend to any loss, damage or expense caused by the established sole gross negligence or willful misconduct of OWNER or OWNER's Agents, servants or independent contractors.

6.3 SUPERVISION, SUPERINTENDENCE AND QUALITY - CONTRACTOR shall supervise, inspect and direct the WORK competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the WORK in accordance with the Contract Documents. CONTRACTOR shall be solely responsible for the means, methods, techniques, sequences and procedures of construction and Safety precautions and programs incidental thereto. CONTRACTOR shall be responsible to see that the completed WORK complies accurately with the Contract Documents. CONTRACTOR is solely responsible for the quality of the WORK.

6.4 SUPERINTENDENT

6.4.1 Written Designation of Superintendent - CONTRACTOR shall designate in writing and keep on the work site at all times during its progress a technically qualified, English-speaking superintendent and an alternate who are employees of CONTRACTOR and who shall not be replaced without written notice to OWNER and CONSTRUCTION MANAGER. The superintendent will be CONTRACTOR's representative at the site and shall have authority to act on behalf of CONTRACTOR. All communications given to the superintendent shall be as binding as if given to CONTRACTOR. CONTRACTOR shall issue all its communications to OWNER and OWNER through CONSTRUCTION MANAGER.

6.4.2 Superintendent's Presence at Site - CONTRACTOR's superintendent or alternate shall be present at the site of the WORK at all times while work is in progress, and shall be available by phone for emergencies twenty-four (24) hours per Day, seven (7) Days per week. Failure to observe this requirement shall be considered suspension of the WORK by CONTRACTOR until such time as such the superintendent is again present at the site.

6.4.3 Removal of Superintendent - Upon written notice, OWNER may require replacement and removal from the WORK of CONTRACTOR's superintendent with cause, in which case CONTRACTOR shall submit a replacement superintendent subject to approval by OWNER, at no increase in Contract Price or Contract Time. Repeated Safety violation on the job site will be sufficient grounds for directing such replacement.

6.5 LABOR - CONTRACTOR shall provide competent, suitably-qualified personnel to survey and lay out the WORK and perform construction as required by the Contract Documents. Any person employed who is found to be incompetent, intemperate, troublesome, disorderly or otherwise objectionable, or who fails or refuses to perform work properly, acceptably and safely, shall be immediately removed from the WORK by CONTRACTOR and not be reemployed on the WORK. CONTRACTOR shall furnish, erect, maintain and remove the construction plant and any temporary works as may be required. CONTRACTOR shall at all times maintain good discipline and order at the site and will not permit the use or consumption of drugs (illegal substances) or alcoholic beverages at the site.

6.5.1 No Additional Compensation for Overtime - Except as otherwise provided in this Article, CONTRACTOR shall receive no additional compensation for overtime work, (i.e., work in excess of eight (8) hours in any one (1) calendar Day or forty (40) hours in any one (1) calendar week) even though such overtime work may be required under emergency conditions and may be ordered by CONSTRUCTION MANAGER in writing. Additional compensation will be paid CONTRACTOR for overtime work only in the event extra work is ordered by CONSTRUCTION MANAGER, and the Change Order specifically authorizes the use of overtime work and then only to such extent as overtime wages are regularly being paid by CONTRACTOR for overtime work of a similar nature in the same locality.

6.5.2 Approval Required to Work Outside Normal Work Hours - Except in connection with the Safety or protection of persons or the WORK or property at the site or adjacent thereto, and except as otherwise indicated in the Contract Documents, all work at the site shall be performed during normal working hours, and CONTRACTOR will not permit overtime work or the performance of work on Saturday, Sunday or any holiday observed by OWNER without

OWNER's written consent. CONTRACTOR shall apply for this consent through CONSTRUCTION MANAGER. CONSTRUCTION MANAGER has to approve CONTRACTOR working Holidays, weekends or overtime. CONTRACTOR will be responsible for reimbursing OWNER for all cost to provide inspection services required to monitor WORK outside of normal working hours. CONTRACTOR will be charged for this actually incurred direct hourly cost plus OWNER-approved overhead cost plus OWNER-approved profit, and a deductive Change Order will be issued to cover this expense.

6.5.3 SUBCONTRACT LIMITATIONS - CONTRACTOR shall perform not less than twenty (20) percent of the WORK with its own forces without subcontracting. This requirement refers to the WORK whose value will not be less than twenty (20) percent of the Contract Price.

6.6 PROGRESS SCHEDULE - CONTRACTOR shall adhere to the progress schedule established in accordance with the General Requirements as it may be adjusted from time to time as provided below:

6.6.1 Non Impacting Adjustments - CONTRACTOR shall submit to CONSTRUCTION MANAGER for acceptance proposed adjustments in the progress schedule that will not change the Contract Time (or Milestones). Such adjustments will conform generally to the progress schedule then in effect and additionally will comply with any provisions of the General Requirements applicable thereto.

6.6.2 Revisions To Milestones - Proposed revisions in the progress schedule that will change the Contract Times (or Milestones) shall be submitted in accordance with the requirements of Article 12. Such adjustments may only be made by a Change Order in accordance with Article 12 of the General Conditions.

6.7 SUBSTITUTES OR "OR-EQUAL" ITEMS - Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent or "or-equal" item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to CONSTRUCTION MANAGER for review under the circumstances described below.

6.7.1 "Or-Equal" Items*:* If in CONSTRUCTION MANAGER's sole discretion an item of material or equipment proposed by CONTRACTOR is functionally equal to that named and sufficiently similar so that no change in the WORK will be required, it may be considered by CONSTRUCTION MANAGER as an "or-equal" item, in which case review and approval of the proposed item may, in CONSTRUCTION MANAGER's sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. A proposed item of material or equipment will be considered functionally equal to an item so named if:

a. in the exercise of reasonable judgment CONSTRUCTION MANAGER determines that:

i. it is at least equal in materials of construction, quality, durability, appearance, strength and design characteristics;
ii. it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the WORK as a functioning whole;
iii. it has a proven record of performance and availability of responsive service; and

b. CONTRACTOR certifies that, if approved and incorporated into the WORK:
   i. there will be no increase in cost to OWNER or increase in Contract Time, and
   ii. it will conform substantially to the detailed requirements of the item named in the Contract Documents.

6.7.2 Substitute Items

a. If in CONTRACT MANAGER's sole discretion an item of material or equipment proposed by CONTRACTOR does not qualify as an "or-equal," it will be considered a proposed substitute item.
b. CONTRACTOR shall submit sufficient information as provided below to allow CONTRACT MANAGER to determine that the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefore. Requests for review of proposed substitute items of material or equipment will not be accepted by CONTRACT MANAGER from anyone other than CONTRACTOR.
c. The procedure requirements for review by CONTRACT MANAGER will be as set forth in Paragraph 6.7.2.d, and as CONTRACT MANAGER may decide is appropriate under the circumstances.
d. CONTRACTOR shall make written application to CONTRACT MANAGER for review of a proposed substitute item of material or equipment that CONTRACTOR seeks to furnish or use. The application:
   i. shall certify that the proposed substitute item will:
      1. perform adequately the functions and achieve the results called for by the general design,
      2. be similar in substance to that specified, and
      3. be suited to the same use as that specified;
   ii. will state:
      1. the extent, if any, to which the use of the proposed substitute item will prejudice CONTRACTOR's achievement of Substantial Completion on time;
      2. whether or not use of the proposed substitute item in the WORK will require a change in any of the Contract Documents (or in the provisions of any other direct contract with OWNER for other work on the Project) to adapt the design to the proposed substitute item; and
      3. whether or not incorporation or use of the proposed substitute item in connection with the WORK is subject to payment of any license fee or royalty;
   iii. will identify:

1. all variations of the proposed substitute item from that specified, and
2. available engineering, sales, maintenance, repair and replacement services;

iv. and shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other contractors affected by any resulting change.

6.7.3 Substitute Construction Methods or Procedures: If a specific means, method, technique, sequence or procedure of construction is expressly required by the Contract Documents, CONTRACTOR may furnish or utilize a substitute means, method, technique, sequence or procedure of construction approved by CONTRACT MANAGER. CONTRACTOR shall submit sufficient information to allow CONTRACT MANAGER, in CONTRACT MANAGER's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The requirements for review by CONTRACT MANAGER will be similar to those provided in Paragraph 6.7.2.d.

6.7.4 Contract Manager's Evaluation: CONTRACT MANAGER will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraphs 6.7.2.d and 6.7.3. CONTRACT MANAGER may require CONTRACTOR to furnish additional data about the proposed substitute item. CONTRACT MANAGER will be the sole judge of acceptability. No "or equal" or substitute will be ordered, installed or utilized until CONTRACT MANAGER's review is complete, which will be evidenced by either a Change Order for a substitute or an approved Shop Drawing for an "or equal." CONTRACT MANAGER will advise CONTRACTOR in writing of any negative determination.

6.7.5 Special Guarantee: OWNER may require CONTRACTOR to furnish at CONTRACTOR's expense a special performance guarantee or other surety with respect to any substitute.

6.7.6 Contract Manager's Cost Reimbursement: CONTRACT MANAGER will record CONTRACT MANAGER's costs in evaluating a substitute proposed or submitted by CONTRACTOR pursuant to Paragraphs 6.7.2.d and 6.7.3. Whether or not CONTRACT MANAGER approves a substitute item so proposed or submitted by CONTRACTOR, CONTRACTOR shall reimburse OWNER for the charges of CONTRACT MANAGER for evaluating each such proposed substitute. CONTRACTOR shall also reimburse OWNER for the charges of CONTRACT MANAGER for making changes in the Contract Documents (or in the provisions of any other direct contract with OWNER) resulting from the acceptance of each proposed substitute.

6.7.7 CONTRACTOR's Expense: CONTRACTOR shall provide all data in support of any proposed substitute or "or-equal" at CONTRACTOR's expense

6.8 PROJECT SITE COORDINATION

6.8.1 Work By Others - CONTRACTOR shall be responsible for ascertaining the nature and extent of any simultaneous, collateral and essential work by others as described in the General Requirements.

CONTRACTOR shall provide staging areas and include work windows for work by others into the overall construction schedule. No additional working days will be allowed for CONTRACTOR's failure to coordinate work by others.

6.8.2 Coordination Of Work - OWNER, CONTRACTOR and each of such workers, contractors and others shall cooperate to minimize interference.

6.8.3 Cost Of Coordination - CONTRACTOR shall include in its Bid all costs involved as a result of coordinating its WORK with others. CONTRACTOR will not be entitled to additional compensation from OWNER for damages resulting from such simultaneous, collateral and essential work. CONTRACTOR's sole and exclusive remedy as a third party beneficiary to other prime contracts for damages caused by another contractor will be a direct action against the separate contractor. If necessary to avoid or minimize such damage or delay, CONTRACTOR shall redeploy its work force to other parts of the WORK.

6.8.4 Obligation to Provide Access - CONTRACTOR shall afford each other contractor who is a party to such a direct contract and each utility owner (or OWNER, if OWNER is performing the additional work with OWNER's employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such work, and shall properly connect and coordinate work performed by others with their WORK as described in these Contract Documents.

6.8.5 CONTRACTOR shall do all cutting, fitting and patching of the WORK that may be required to make its several parts come together properly and integrate with such other work.

6.8.6 CONTRACTOR shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of CONSTRUCTION MANAGER and the others whose work will be affected.

6.9 COORDINATION WITH SUBCONTRACTORS AND SUPPLIERS

6.9.1 CONTRACTOR shall be solely responsible for scheduling and coordinating the WORK of Subcontractors, Suppliers and other persons and organizations performing or furnishing any of the WORK under a direct or indirect contract with CONTRACTOR. CONTRACTOR shall require all Subcontractors, Suppliers and such other persons and organizations performing or furnishing any of the WORK to communicate with CONSTRUCTION MANAGER through CONTRACTOR. All WPRL performed by a Subcontractor or Supplier will be pursuant to an appropriate agreement between CONTRACTOR and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents.

6.9.2 Subcontractor has no contractual relationship with OWNER. Nothing contained in this Article shall create any contractual relationship between any Subcontractor and OWNER or CONSTRUCTION MANAGER, nor relieve CONTRACTOR of any liability or obligation under the Agreement. CONTRACTOR shall include these General Conditions and the Supplementary General Conditions as a part of all its subcontract agreements.

6.9.3 DIVISION OF WORK - The divisions and sections of the Specifications and the identifications of any Drawings shall not control CONTRACTOR in dividing the WORK among Subcontractors or Suppliers or delineating the WORK to be performed by any specific trade.

6.10 PATENT FEES AND ROYALTIES - CONTRACTOR shall pay all license fees and royalties and assume all costs incident to the use in the performance of the WORK or the incorporation in the WORK of any invention, design, process, product or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product or device is specified in the Contract Documents for use in the performance of the WORK and if to the actual knowledge of OWNER, or DESIGN CONSULTANT, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by OWNER in the Contract Documents.

6.11 PERMITS - Unless otherwise provided in the Supplementary General Conditions, CONTRACTOR shall obtain and pay for all construction permits and licenses from the agencies having jurisdiction, including the furnishing of insurance and Bonds if required by such agencies. The enforcement of such requirements under this Agreement shall not be made the basis for claims for additional compensation. OWNER shall assist CONTRACTOR, only when necessary, in obtaining such permits and licenses. CONTRACTOR shall pay all governmental charges and inspection fees necessary for the prosecution of the WORK, which are applicable at the time of opening of Bids. CONTRACTOR shall pay all charges of utility owners for connections to the WORK.

6.12 LAWS AND REGULATIONS - CONTRACTOR shall observe and comply with all Federal, State and local laws, ordinances, Codes, orders and regulations which in any manner affect those engaged or employed on the WORK, the materials used in the WORK or the conduct of the WORK. If any discrepancy or inconsistency should be discovered in this Agreement in relation to any such law, ordinance, code, order or regulation, CONTRACTOR shall immediately report the same in writing to CONSTRUCTION MANAGER.

6.13 TAXES - CONTRACTOR shall pay all sales, consumer, use and other similar taxes required to be paid in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the WORK. OWNER is not exempt from sales tax.

6.14 Intentionally Omitted.

6.15 USE OF PREMISES

6.15.1 General - CONTRACTOR shall confine construction equipment, the storage of materials and equipment and the operations of workers to the Project site, the land and areas identified in

and permitted by the Contract Documents and the other land and areas permitted by Laws and Regulations, rights-of-way, permits and easements as approved by CONSTRUCTION MANAGER. CONTRACTOR shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof or of any land or areas contiguous thereto, resulting from the performance of the WORK. Should any claim be made against OWNER or CONSTRUCTION MANAGER by any such owner or occupant because of the performance of the WORK, CONTRACTOR shall promptly attempt to settle with such other party by agreement or otherwise resolve the claim through litigation.

6.16 PROJECT SITE MAINTENANCE AND INTERFERENCE WITH ADJACENT PROPERTY

6.16.1 Cost of General Requirements in Contract Price - CONTRACTOR is obligated to comply with the General Requirements. All costs associated with this compliance are to be included in the basic Contract Price.

6.16.2 Vehicle Load Limits - When materials are transported in prosecuting the WORK, vehicles shall not be loaded beyond the loading capacity recommended by the manufacturer of the vehicle or prescribed by law or regulation. When it is necessary to cross curbs, sidewalks or drainage facilities CONTRACTOR shall protect them from damage.

6.16.3 Work Outside The Agreement Limits - Despite the designation of Contract Documents or the indication of temporary fences or barricades, the provisions of the Contract Documents governing certain portions of the WORK may require that certain operations be carried out beyond such limits. In those cases, trenching, utility work, site development and landscaping shall be scheduled so as to occasion a minimum of inconvenience or disturbance to or interference with the normal operation of the owner, abutters and the public. CONTRACTOR shall obtain CONSTRUCTION MANAGER's prior approval and all necessary approvals from other agencies, public entities or the government for such operations, and prosecute such operations expeditiously and restore the premises affected to their original condition immediately upon completion of such operations, unless otherwise specified in the Contract Documents. All existing walks, roadways, paved or landscaped areas on which temporary driveways or walks are rerouted shall be restored to their original condition, immediately upon completion of those phases of the WORK, unless otherwise specified in the Contract Documents. Pumping, draining and control of surface and ground water shall be carried out so as to avoid endangering the WORK or any adjacent facility or property, or interrupting, restricting or otherwise infringing or interfering with its use.

6.16.4 Responsibilities For Damage - All damage, injury or loss to any persons or property caused, directly or indirectly, in whole or in part, by CONTRACTOR, any Subcontractor, Supplier or any other person or organization directly or indirectly employed by any of them to perform or furnish any of the WORK or anyone for whose acts any of them may be liable, shall be remedied by CONTRACTOR (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of OWNER or CONSTRUCTION MANAGER or DESIGN CONSULTANT). CONTRACTOR's duties and responsibilities for Safety and for protection of the WORK shall continue until such time as all the WORK is completed and CONSTRUCTION

MANAGER has issued a notice to OWNER and CONTRACTOR in accordance with Article 14 that the WORK is complete.

6.17 CONTRACTOR'S DAILY REPORTS - CONTRACTOR shall complete a daily report indicating his total manpower for each construction trade, major equipment on site, each Subcontractor's manpower, weather conditions and any other items required by CONSTRUCTION MANAGER. The daily report shall be completed on forms provided by CONSTRUCTION MANAGER and shall be submitted to CONSTRUCTION MANAGER by 9:00 a.m. the following work Day. The report should comment on the daily progress and status of the work within each major component of the WORK. These components will be determined by CONSTRUCTION MANAGER. Submitting acceptable daily reports as required is a precondition to approval of the monthly progress payment. However, these reports are not to be used to meet the notice requirements contained elsewhere in the General Conditions.

6.18 SAFETY

6.18.1 Safety Plan - CONTRACTOR will be required to comply with General Requirements provided by CONSTRUCTION MANAGER. CONTRACTOR shall submit a written Safety plan to CONSTRUCTION MANAGER prior to commencement of any work on site. CONTRACTOR shall be responsible for initiating, maintaining and supervising all Safety precautions and programs in connection with the WORK.

6.18.2 Safety Laws and Regulations - CONTRACTOR shall comply with all applicable Laws and Regulations of any public body having jurisdiction for the Safety of persons or property or to protect them from damage, injury or loss and shall erect and maintain all necessary safeguards for such Safety and protection. CONTRACTOR shall notify owners of adjacent property and of Underground Utilities when prosecution of the WORK may affect them and shall cooperate with them in the protection, removal, relocation and replacement of their property.

6.18.3 Safety Representative - CONTRACTOR shall designate a qualified and experienced Safety representative at the site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of Safety precautions and program. The Safety representative must meet the requirements stated in Supplemental General Conditions 6.18 "Safety."

6.18.4 Safety Orders - CONTRACTOR shall have at the WORK site as applicable, copies or suitable extracts of: Construction Safety Orders, Tunnel Safety Orders and General Industry Safety Orders issued by the State Division of Industrial Safety. CONTRACTOR shall comply with provisions of these and all other applicable laws, ordinances and regulations.

6.18.5 Trench Shoring Plan - Before excavating any trench five (5) feet or more in depth, CONTRACTOR shall submit to OWNER a detailed plan showing the design of shoring, bracing, sloping or other provisions to be made for the workers' protection from the hazard of caving ground during the excavation of such trench. If the plan varies from the shoring system standards, the plan shall be prepared by a California registered civil construction manager. No excavation shall start until CONSTRUCTION MANAGER has accepted the plan and CONTRACTOR has

obtained a permit from the State Division of Industrial Safety. A copy of the permit shall be submitted to CONSTRUCTION MANAGER and posted at the site.

6.18.6 Use of Explosives - Explosives may be used only when authorized in writing by CONSTRUCTION MANAGER, or as otherwise stated in the Specifications. Explosives shall be handled, used and stored in accordance with all applicable regulations. CONSTRUCTION MANAGER's approval of the use of explosives shall not relieve CONTRACTOR from liability for claims caused by blasting operations.

6.18.7 Hazardous Communication Program

6.18.7.1 Notification to employees is required when materials that contain hazardous substances or mixtures are required on the WORK. A material safety data sheet as described in section 5194 of the California Code of Regulations shall be requested by CONTRACTOR from the manufacturer of any hazardous product used.

6.18.7.2 Material usage shall be accomplished with strict adherence to California Division of Industrial Safety requirements and all manufacturer's warnings and application instructions listed on the material safety data sheet and on the product container label.

6.18.7.3 CONTRACTOR shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the site in accordance with laws or regulations, with copies to CONSTRUCTION MANAGER.

6.18.7.4 Unsafe Products - CONTRACTOR shall notify CONSTRUCTION MANAGER if it considers a specified or required product or its intended usage to be unsafe. This notification must be given to CONSTRUCTION MANAGER prior to the product being ordered, or if provided by some other party, prior to the product being used or incorporated in the WORK.

6.18.8 Safety Measures In Bid - Payment for performing all work necessary to provide Safety measures shall be included in the prices bid for other items of work except where separate bid items for excavation Safety are provided.

6.18.9 Safety Reporting

6.18.9.1 Weekly First Aid Logs - This log should be delivered to CONSTRUCTION MANAGER three (3) Days after the weekly reporting period.

6.18.9.2 Accident and Injury Reports - This report should be delivered within twenty-four (24) hours of the injury or accident.

6.18.10 CONSTRUCTION MANAGER Safety Deficiency Report - CONTRACTOR is required to respond to this report within two (2) working Days explaining his corrective action and proposed schedule for this action.

6.19 EMERGENCY - In emergencies affecting the Safety or protection of persons or the WORK or property at or adjacent to the site, CONTRACTOR, without special instruction or authorization from CONSTRUCTION MANAGER, is obligated to act to prevent threatened damage, injury or loss. CONTRACTOR shall give CONSTRUCTION MANAGER prompt written notice if CONTRACTOR believes that any significant changes in the WORK have resulted because of the action taken in response to an emergency. If it is determined by OWNER that a change is required, a change shall be authorized by Change Order.

6.20 SHOP DRAWINGS AND SAMPLES

6.20.1 After checking and verifying all field measurements and after complying with applicable procedures specified in the General Requirements, CONTRACTOR shall submit to CONSTRUCTION MANAGER for DESIGN CONSULTANT's review all Shop Drawings in accordance with the accepted schedule of Shop Drawings Submittals specified in Bidding Documents section Bid Forms.

6.20.2 CONTRACTOR shall also submit to CONSTRUCTION MANAGER for review all Samples in accordance with the accepted schedule of sample Submittals specified in the General Requirements.

6.20.3 Before submittal of each Shop Drawing or Sample, CONTRACTOR shall have determined and verified all quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers and similar data with respect thereto and reviewed or coordinated each Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the WORK and the Contract Documents.

6.20.4 CONTRACTOR shall, at his own expense, furnish for review, and obtain approval by the CONSTRUCTION MANAGER, three (3) copies each of detailed submittals for materials, installation drawings, and construction procedures for the following:

- Any material which differ from that specified with a brand name on the Plans and in this Special Provisions
- Portland cement concrete design mix
- Construction and Demolition permit and proper disposal per specifications
- Electrical shop drawings
- ICAPCD permits
- Lead and Asbestos testing and removal
- Plumbing
- Any other submittal called for in the technical specifications

In addition, OWNER's representative may, at his discretion, require shop drawings on other equipment or construction activities not included in the above list. OWNER's representative shall have ten (10) working days to review and return the shop drawings to CONTRACTOR after receipt of said drawings.

6.21 SUBMITTAL ACCEPTANCE

6.21.1 OWNER Review Scope and Limitation - OWNER will review and approve Shop Drawings and Samples. DESIGN CONSULTANT's review and approval will be only to determine if the items covered by the Submittals will, after installation or incorporation in the WORK, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. DESIGN CONSULTANT's review and approval will not extend to means, methods, techniques, sequences or procedures of construction except where a particular means, method, technique, sequence or procedure of construction is specifically and expressly called for by the Contract Documents or to Safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions. CONTRACTOR shall make corrections required by DESIGN CONSULTANT, and shall return the required number of corrected copies of Shop Drawings and submit as required new Samples for review and approval. CONTRACTOR shall direct specific attention in writing to revisions other than the corrections called for by OWNER on previous Submittals.

6.21.2 CONTRACTOR's Responsibility Not Relieved By Approval - CONSTRUCTION MANAGER's and DESIGN CONSULTANT's review and approval of Shop Drawings or Samples shall not relieve CONTRACTOR from responsibility for any variation from the requirements of the Contract Documents unless CONTRACTOR has in writing called DESIGN CONSULTANT's attention to each such variation at the time of submission and OWNER has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample approval; nor will any approval by OWNER relieve CONTRACTOR from responsibility for complying with the requirements of Article 6.

6.22 COMPLIANCE WITH CONSTRUCTION MANAGER ADMINISTRATIVE PROCEDURES - CONTRACTOR is required to comply with all CONSTRUCTION MANAGER administrative procedures including but not limited to daily reports, Requests for Proposal, Safety reporting, notice requirements, payment procedures, submittal processing, attendance at weekly and special meetings and others designated by CONSTRUCTION MANAGER.

6.23 ASSIGNMENT OF CONTRACT - CONTRACTOR shall not assign, sublet, sell, transfer or otherwise dispose of the Contract Documents or any portion thereof, or its right, title or interest therein, or obligations thereunder, without the written consent of OWNER except as imposed by law. If CONTRACTOR violates this provision, the Agreement may be terminated at the option of OWNER. In such event, OWNER shall be relieved of all liability and obligations to CONTRACTOR and to its assignee or transferee growing out of such termination.

6.24 CONTINUING THE WORK DURING DISPUTES

6.24.1 CONTRACTOR shall carry on the WORK and adhere to the progress schedule during all disputes or disagreements with OWNER over any WORK scope, price or time dispute. No work shall be delayed or postponed pending resolution of any disputes or disagreements, except as CONTRACTOR and OWNER may otherwise agree in writing.

6.24.2 If CONTRACTOR and OWNER are unable to reach agreement on Disputed Work, OWNER may direct CONTRACTOR to proceed with the WORK. Payment shall be as later determined by Article 16.

6.25 GENERAL WARRANTY AND GUARANTEE CONTRACTOR is responsible for providing warranty and guarantee in accordance with Article 13.

6.26 INDEMNIFICATION – In addition and complementary to, the Construction Services Agreement and to the fullest extent permitted by Laws and Regulations, CONTRACTOR shall indemnify, defend and hold harmless OWNER, CONSTRUCTION MANAGER, DESIGN CONSULTANT, their consultants, Sub-Consultants and the officers, directors, employees and agents of each and any of them against and from all claims and liability arising under, by reason of or incidentally to the Agreement or any performance of the WORK, but not from the sole gross negligence or willful misconduct of OWNER, CONSTRUCTION MANAGER and/or DESIGN CONSULTANT. Such indemnification by CONTRACTOR shall include but not be limited to the following:

6.26.1 CONTRACTOR Negligence - Liability or claims resulting directly or indirectly from the negligence or carelessness of CONTRACTOR, its employees or agents in the performance of the WORK, or in guarding or maintaining the same, or from any improper materials, implements or appliances used in its construction, or by or on account of any act or omission of CONTRACTOR, its employees or agents;

6.26.2 Claims By CONTRACTOR Employees - Liability or claims arising directly or indirectly from bodily injury, occupational sickness or disease or death of CONTRACTOR's or Subcontractor's own employees engaged in the WORK resulting in actions brought by or on behalf of such employees against OWNER, CONSTRUCTION MANAGER and/or DESIGN CONSULTANT;

6.26.3 Violation Of Law - Liability or claims arising directly or indirectly from or based on the violation of any law, ordinance, regulation, order or decree, whether by CONTRACTOR, its employees or agents;

6.26.4 Patent, Copyright Or Secret Process - Liability or claims arising directly or indirectly from the use or manufacture by CONTRACTOR, its employees or agents in the performance of this Agreement of any copyrighted or un-copyrighted composition, secret process, patented or unpatented invention, article or appliance, unless otherwise specifically stipulated in this Contract.

6.26.5 Breach Of Warranty - Liability or claims arising directly or indirectly from the breach of any warranties, whether express or implied, made to OWNER or any other parties by CONTRACTOR, its employees or agents;

6.26.6 Willful Misconduct - Liabilities or claims arising directly or indirectly from the willful misconduct of CONTRACTOR, its employees or agents; and,

6.26.7 CONTRACTOR Reimbursement Of Cost - Liabilities or claims arising directly or indirectly from any breach of the obligations assumed herein by CONTRACTOR, CONTRACTOR shall reimburse OWNER, CONSTRUCTION MANAGER and OWNER for all costs and expenses, (including but not limited to fees and charges of engineers, architects and other professionals and court costs including all costs of appeals) incurred by said OWNER, CONSTRUCTION MANAGER and OWNER in enforcing the provisions of this Article.

6.26.8 Use Of Premises - Liabilities of claims arising directly or indirectly from the use of the premises by CONTRACTOR, its employees or agents.

6.26.9 No Indemnification Limitation - The indemnification obligation in Article 6 shall not be limited in any way by any limitation of the amount or type of damages, compensation or benefits payable by or for CONTRACTOR or any such Subcontractor or other person or organization under Workers' Compensation acts, disability benefit acts or other employee benefit acts. However, the indemnification obligations of CONTRACTOR shall not extend to the liability of OWNER when caused by the professional negligence, errors or omissions.

6.26.10 OSHA/CalOSHA Citations - CONTRACTOR shall indemnify CONSTRUCTION MANAGER against fines, reasonable attorneys' fees and defense costs resulting from citations issued to CONSTRUCTION MANAGER by either the Federal, State or local Safety enforcement agencies due to CONTRACTOR's failure to abide by applicable Safety and health standards.

6.26.11 Survival of Obligations - All representations, indemnifications, warranties and guarantees made in, required by or given in accordance with the Contract Documents, as well as all continuing obligations indicated in the Contract Documents, will survive Final Payment, completion and acceptance of the WORK and termination or completion of the Agreement.

ARTICLE 7 -- WORK BY OTHERS AT THE SITE

7.1 OWNER'S RIGHT TO WORK AT SITE - OWNER may perform other work related to the Project at the site by OWNER's own forces, have other work performed by utility owners, or let other direct contracts which may contain General Conditions similar to these. If the fact that such other work is to be performed was not noted in the Contract Documents, written notice thereof will be given to CONTRACTOR prior to starting any such other work.

7.2 CONTRACTOR REPORT ON DELAYS CAUSED BY OTHERS - If the proper execution or results of any part of CONTRACTOR's work depends upon the work of any such other contractor or utility owner (or OWNER), CONTRACTOR shall promptly inspect and report to CONSTRUCTION MANAGER in writing any apparent delays, defects or deficiencies in such other work that render it unavailable or unsuitable for such proper execution and results. CONTRACTOR's failure to report such delays, defects or deficiencies in writing before commencement of the affected WORK will constitute an acceptance of the other work as fit and proper for integration with CONTRACTOR's work except for latent defects and deficiencies in the other work.

7.3 DAMAGE TO OTHERS CAUSED BY CONTRACTOR - If CONTRACTOR causes damage to the work, property or person of any other contractor employed by OWNER, or if any claim arising out of CONTRACTOR's performance of the WORK by any other contractor is made against CONTRACTOR, by OWNER, CONSTRUCTION MANAGER, DESIGN CONSULTANT, any other contractor or any other person, CONTRACTOR shall be responsible to settle and shall promptly attempt to settle and resolve the dispute.

7.4 COORDINATION

7.4.1 Coordination Responsibilities - CONTRACTOR's coordination responsibilities are in accordance with those found in Article 6 and in the described Supplementary General Conditions if applicable.

7.4.2 Coordination Delays - Should CONTRACTOR be delayed by OWNER, and such delay could not reasonably have been foreseen and prevented by CONTRACTOR, CONSTRUCTION MANAGER will determine the extent of the delay, the effect of the delay on the work as a whole, and any commensurate extension of time. CONSTRUCTION MANAGER shall arrange meetings with other contractors performing work on behalf of OWNER to plan coordination of construction activities. Any difference or conflict arising between CONTRACTOR and any other contractor employed by OWNER shall be submitted to CONSTRUCTION MANAGER for a decision in the matter. CONTRACTOR shall comply with reasonable direction from CONSTRUCTION MANAGER whose decision on coordination matters will be final.

7.5 Remedy For Delays By Others - By entering into this Agreement, CONTRACTOR acknowledges that there may be other contractors on the site whose WORK will be coordinated with that of his own. CONTRACTOR expressly warrants and agrees that he will cooperate with other contractors and will do nothing to delay, hinder or interfere with the WORK of other separate contractors, OWNER, CONSTRUCTION MANAGER or DESIGN CONSULTANT. CONTRACTOR also expressly agrees that, in the event his work is hindered, delayed, interfered with or otherwise affected by a separate contractor, his sole remedy will be a direct action against the separate contractor. Except as otherwise provided by law, CONTRACTOR will have no remedy, and hereby expressly waives any remedy, against OWNER and/or CONSTRUCTION MANAGER or OWNER on account of delay, hindrance, interference or other event caused by a separate contractor.

7.6 Out Of Sequence Or Accelerated Work - When WORK is performed out of sequence and ahead of Interfacing Work, CONTRACTOR shall be responsible for taking reasonable steps to minimize damage or loss to the WORK which may be caused by others during the performance of their work, including but not limited to furnishing prompt written notice to CONSTRUCTION MANAGER and to the other contractors that WORK has been performed out of sequence and ahead of Interfacing Work.

7.7 NATIONAL LABOR RELATIONS BOARD REQUIREMENTS - CONTRACTOR's Price shall include all costs associated with complying with any applicable National Labor Relations Board requirements for accessing the Project site.

ARTICLE 8 -- OWNER'S RESPONSIBILITIES

8.1 GENERAL - OWNER has the final authority in all matters affecting the WORK.

8.2 COMMUNICATIONS - In general, OWNER and OWNER shall issue all written communications to CONTRACTOR through CONSTRUCTION MANAGER.

8.3 PAYMENTS - OWNER shall make payments to CONTRACTOR as provided in Article 14.

8.4 LANDS, EASEMENTS AND SURVEYS - OWNER's duties in respect to providing lands and easements and providing engineering surveys to establish reference points are set forth in Article 4. OWNER shall identify and make available to CONTRACTOR copies of reports of explorations and tests of subsurface conditions at the site and in existing structures which have been utilized in preparing the Contract Documents as set forth in Article 4.

8.5 CHANGE ORDERS - OWNER shall execute Change Orders as indicated in Article 10.

8.6 INSPECTIONS AND TESTS - OWNER's responsibility with respect to inspections, tests and approvals is set forth in Article 13.

8.7 SUSPENSION OF WORK - In connection with OWNER's right to stop work or suspend work, see Articles 13 and 15.

8.8 TERMINATION OF AGREEMENT - Article 15 deals with OWNER's right to terminate services of CONTRACTOR.

8.9 OWNER'S RESPONSIBILITY FOR UNDISCLOSED HAZARDOUS MATERIALS - OWNER'S responsibility with respect to undisclosed Asbestos, PCBs, Petroleum, Hazardous Waste or Radioactive Materials uncovered or revealed at the site is set forth in Article 4.

8.10 NO OWNER SUPERVISION INTENDED - Neither OWNER nor CONSTRUCTION MANAGER shall supervise, direct or have control or authority over, nor be responsible for, CONTRACTOR's means, methods, techniques, sequences or procedures of construction or the Safety precautions and programs incident thereto, or for any failure of CONTRACTOR to comply with Laws and Regulations applicable to the furnishing or performance of the WORK. OWNER and CONSTRUCTION MANAGER will not be responsible for CONTRACTOR's failure to perform or furnish the WORK in accordance with the Contract Documents.

ARTICLE 9 -- CONSTRUCTION MANAGER'S STATUS DURING CONSTRUCTION

9.1 GENERAL

9.1.1 OWNER'S REPRESENTATIVE - CONSTRUCTION MANAGER will be OWNER's representative during the construction period. The duties and responsibilities and the authority of CONSTRUCTION MANAGER as CONSTRUCTION MANAGER during construction are set forth in the Contract Documents.

9.1.2 Contract Documents Terms - Whenever in the Contract Documents the terms "as ordered," "as directed," "as required," "as allowed," "as reviewed," "as approved," or terms of like effect or import are used, or the adjectives "reasonable," "suitable," "acceptable," "proper," or "satisfactory" or adjectives of like effect or import are used to describe a requirement, direction, review or judgment of CONSTRUCTION MANAGER as to the WORK, it is intended that such requirement, direction, review or judgment will be solely to evaluate the WORK for compliance with the requirements of the Contract Documents, and conformance with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents, unless there is a specific statement indicating otherwise. The use of any such term or adjective shall not be effective to assign to CONSTRUCTION MANAGER any duty or authority to supervise or direct the performance of the WORK or any duty or authority to undertake responsibility contrary to the Article 9.

9.2 PRESENCE ON SITE - CONSTRUCTION MANAGER will be on site during construction to observe the progress, quantity and quality of the WORK and to determine, in general, if the WORK is proceeding in accordance with the Contract Documents. CONSTRUCTION MANAGER will not supervise, direct or have control over CONTRACTOR's work.

9.3 CONTRACT DOCUMENT CLARIFICATIONS AND INTERPRETATIONS - CONSTRUCTION MANAGER will issue with reasonable promptness such written clarifications or interpretations of the requirements of the Contract Documents (in the form of Drawings or otherwise) as CONSTRUCTION MANAGER may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. Such written clarifications and interpretations will be binding on OWNER and CONTRACTOR. If CONTRACTOR believes that a written clarification or interpretation justifies an adjustment in the Contract Price or the Contract Time and the parties are unable to agree to the amount or extent CONTRACTOR may request an adjustment in the Contract Price or an extension of the Contract Time therefore as provided in Articles 11 or 12.

9.4 AUTHORIZED VARIATIONS IN WORK - CONSTRUCTION MANAGER may authorize minor variations in the WORK, (not resulting in changes to the Contract Price or Contract Time), which are consistent with the intent of the Contract Documents. These may be accomplished by a Construction Manager Order. If CONTRACTOR believes that a Construction Manager Order justifies an increase in the Contract Price or an extension of the Contract Time, CONTRACTOR may request an adjustment in the Contract Price or an extension of the Contract Time therefore as provided in Articles 11 or 12. If CONTRACTOR proceeds with the directed work without making such a request or providing notice he will be presumed to be in agreement with CONSTRUCTION MANAGER's determination that no change in price or time are involved, and will be considered to have waived his right to request an adjustment in Contract Time or Price.

9.5 ACCEPTANCE OF WORK - OWNER has the final authority in all matters affecting the WORK. Within the scope of the Agreement, CONSTRUCTION MANAGER has the authority to enforce compliance with the Plans and Specifications. CONTRACTOR shall promptly comply with instructions from CONSTRUCTION MANAGER or any authorized representative on all matters relating to quantities, the acceptability of material, equipment or work, the execution,

progress or sequence of work and the interpretation of Specifications or Drawings. The decision of CONSTRUCTION MANAGER shall be precedent to any payment under the Agreement, unless otherwise ordered by OWNER. CONSTRUCTION MANAGER will recommend final acceptance to OWNER.

9.6 REJECTING DEFECTIVE WORK - CONSTRUCTION MANAGER will have authority to reject work which CONSTRUCTION MANAGER determines to be defective, or not in compliance with the Contract Documents or that OWNER or CONSTRUCTION MANAGER believes will not produce a completed Project or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. CONSTRUCTION MANAGER will also have authority to require special inspection or testing of the WORK as provided in Article 13, whether or not the WORK is fabricated, installed or completed.

9.7 CONTRACTOR SUBMITTALS - CONTRACTOR shall provide submittals in accordance with the SPECIAL PROVISIONS.

9.8 CHANGE ORDER - In connection with CONSTRUCTION MANAGER's responsibilities as to Change Orders, see Articles 10, 11, and 12.

9.9 PAYMENTS In connection with CONSTRUCTION MANAGER's responsibility as to Applications for Payment, see Article 14.

9.10 FINAL APPLICATION FOR PAYMENT - CONSTRUCTION MANAGER's review of the Final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, Bonds and certificates of inspection, tests and approvals and other documentation required to be delivered by Article 14 will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests and approvals that the results certified indicate compliance with the Contract Documents.

9.11 DECISIONS ON DISPUTES

9.11.1 Interpreter Of Contract Documents - CONSTRUCTION MANAGER will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the WORK thereunder. Claims, disputes and other matters relating to the acceptability of the WORK, the interpretation of the requirements of the Contract Documents pertaining to the performance of the WORK and those claims with respect to changes in the Contract Price or Contract Time will be referred initially to CONSTRUCTION MANAGER. The process to be followed is described in Article 16.

9.12 CONSTRUCTION MANAGER LIABILITY FOR INTERPRETATION - When functioning as interpreter under Article 9, CONSTRUCTION MANAGER will not show partiality to OWNER, or CONTRACTOR and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity. The rendering of a decision by CONSTRUCTION MANAGER pursuant to Article 9 will be a condition precedent to any exercise

by CONTRACTOR of such rights or remedies as he may otherwise have under the Contract Documents or by laws or regulations in respect of any such Claim, dispute or other matter pursuant to Article 16.

9.13 LIMITATION ON CONSTRUCTION MANAGER'S RESPONSIBILITIES

9.13.1 No Duty Arising Out Of Act Or Decision - Neither CONSTRUCTION MANAGER's authority to act under this Article 9 or other provisions of the Contract Documents, nor any decision made by CONSTRUCTION MANAGER in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of CONSTRUCTION MANAGER to CONTRACTOR, any Subcontractor, any Supplier, any surety for any of them or any other person or organization performing any of the WORK.

9.13.2 No Supervision Role - CONSTRUCTION MANAGER will not supervise, direct, control or have authority over or be responsible for CONTRACTOR's means, methods, techniques, sequences or procedures of construction, or the Safety precautions and programs incident thereto, or for any failure of CONTRACTOR to comply with Laws and Regulations, applicable to the performance of the WORK. CONSTRUCTION MANAGER will not be responsible for CONTRACTOR's failure to perform the WORK in accordance with the Contract Documents.

9.13.3 CONTRACTOR Acts Or Omissions - CONSTRUCTION MANAGER will not be responsible for the acts or omissions of CONTRACTOR nor of any Subcontractor, Supplier or any other person or organization performing any of the WORK.

ARTICLE 10 -- CHANGES IN THE WORK

10.1 CHANGES REQUESTED BY CONTRACTOR

10.1.1 CONSTRUCTION MANAGER Approval - Changes in the Plans and Specifications, requested in writing by CONTRACTOR, which do not materially affect the WORK and which are not detrimental to the WORK or to the interests of OWNER, may be granted to facilitate the WORK, when approved in writing by CONSTRUCTION MANAGER. If the method will result in a cost saving, an appropriate deductive change will be required.

10.1.2 Specified Methods - Changes in specified methods of construction may be made at CONTRACTOR's request when approved in writing by CONSTRUCTION MANAGER. If the method will result in a cost saving, an appropriate deductive change will be required.

10.1.3 No Right To Change - Nothing herein shall be construed as granting a right to CONTRACTOR to demand acceptance of such changes.

10.1.4 Request for Change Made in Good Faith - The request For change shall be made in good faith, and the amount requested accurately reflects the adjustments in Contract Price or Contract Time for which CONTRACTOR believes OWNER is liable, and covers all direct, supplemental, indirect, consequential, serial and cumulative costs and delays to which CONTRACTOR is entitled as a result of the change.

10.2 OWNER'S RIGHT TO MODIFY WORK

10.2.1 Requirement To Implement Directed Change - Without invalidating the Agreement and without notice to any surety, OWNER may at any time or from time to time, order additions, deletions or revisions in the WORK; these will be authorized by a written Change Order prepared by CONSTRUCTION MANAGER and issued by OWNER. Upon receipt of any such document, CONTRACTOR shall promptly proceed with the work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).

10.2.2 Request For Proposal - When OWNER desires a change in the WORK, CONSTRUCTION MANAGER will issue a Request for Proposal to CONTRACTOR. CONTRACTOR will be required to respond within the time indicated by CONSTRUCTION MANAGER or fifteen (15) Days, whichever is less. If CONTRACTOR fails to meet the submittal time required by this provision, CONTRACTOR will be solely liable for any delays or impacts caused by the delayed submittal of the proposal.

10.3 REQUIREMENT TO PROCEED WITH WORK - If OWNER and CONTRACTOR agree on the value of any work, and the amount of Contract Time that should be allowed as a result of CONTRACTOR's response to a Request for Proposal, CONTRACTOR shall proceed as directed by OWNER so as to minimize the impact on and delays to the work pending the issuance of a Change Order. If however, OWNER and CONTRACTOR are unable to agree as to the extent of an increase or decrease in the Contract Price or an extension or shortening of the Contract Time that should be allowed as a result of CONTRACTOR's response to a Request for Proposal, OWNER can direct CONTRACTOR to proceed on the basis of a price for the WORK as estimated by CONSTRUCTION MANAGER or time and materials so as to minimize the impact on and delays to the work, in accordance with Article 11.

10.4 WORK NOT IN CONTRACT - CONTRACTOR shall not be entitled to an increase in the Contract Price nor an extension of the Contract Time with respect to any work performed that is not required by the Contract Documents as amended, modified, supplemented by Change Order or Field Order, except in the case of an emergency and except in the case of uncovering work as provided in Article 13.

10.5 CHANGE ORDER PROCESS - OWNER and CONTRACTOR shall execute appropriate Change Orders covering:

10.5.1 OWNER Ordered Changes - Changes in the WORK which are ordered by OWNER pursuant to Article 10;

10.5.2 Changes Due To Defective Work - changes required because of acceptance of Defective Work under Article 13;

10.5.3 Mutually Agreed Price/Time Changes - changes in the Contract Price or Contract Time which are agreed to by the parties.

10.6 NOTICE TO SURETY - If notice of any change is required by the provisions of any Bond to be given to a surety, the giving of any such notice will be CONTRACTOR's responsibility, and the amount of each applicable Bond shall be adjusted accordingly.

10.7 ALLOWABLE QUANTITY VARIATIONS - In the event of an increase or decrease in bid item quantity of a unit priced item in the Contract Documents, the total amount of WORK actually done or materials or equipment furnished shall be paid for according to the unit price established for such work under the Contract Documents, wherever such unit price has been established; provided, that an adjustment in the unit price may be made for changes which result in an increase or decrease in excess of the allowable percentage variations as set forth by the Contract Documents.

ARTICLE 11 -- CHANGE OF CONTRACT PRICE (Change Orders, Field Orders and Work Orders)

11.1 CONTRACT PRICE CHANGE - The Contract Price may only be changed by a written Change Order.

11.2 METHODS FOR DETERMINING ADJUSTMENTS IN CONTRACT PRICE

11.2.1 Methods - The methods to be used to determine an adjustment in Contract Price necessitated by changes ordered or negotiated pursuant to these General Conditions or work covered by a Request for Proposal are limited to the following:

11.2.1.1 Where the work involved is covered by lump sum prices in the Contract Documents: on the basis of a lump sum negotiation;

11.2.1.2 Where the work involved is covered or is of the same character as Unit Price Work: by application of those unit prices to the quantities of the items involved (subject to the provisions covering Unit Price Work);

11.2.1.3 Where the work involved is not covered by either of the preceding methods: by mutual acceptance of a lump sum price negotiated on the basis of CONTRACTOR's itemized estimate of the anticipated Cost of the WORK involved, determined as specified in this Article, and a contractor's fee as provided in this Article.

11.2.1.4 Where the work involved is not covered by either of the first two (2) methods, and CONSTRUCTION MANAGER and CONTRACTOR cannot achieve agreement on the anticipated cost of the work involved and OWNER directs CONTRACTOR to proceed with the work with payments to be made on the basis of CONSTRUCTION MANAGER's determination of the cost of the work involved: on a CONTRACTOR's profit of eighty (80) percent of the amount allowed by this Article.

11.2.1.5 Where the work involved is not covered by either of the first two (2) methods, and OWNER directs CONTRACTOR to proceed with the work involved with payments to be made on the basis of actual costs: on the basis of the actual cost of the work involved, determined as

specified in this Article, and a CONTRACTOR's profit determined as fifty (50) percent of the amount allowed under this Article.

11.2.1.6 Where the work involved is not covered by any of the preceding methods, and when payment is to be determined by a court of competent jurisdiction, it is agreed that the actual cost method used for actual cost basis work shall be an appropriate method for determining the cost of the work involved.

11.2.2 CONTRACTOR'S Overhead and Profit Limitation - For all negotiated Change Orders the allowance for overhead and profit shall include full compensation for superintendence, insurance premiums, taxes, field office expense, extended overhead, home office overhead and all other items of expense or cost not included in the cost of labor, materials or equipment provided for in this Article. The allowance for overhead and profit will not exceed the following schedule:

	Overhead	**Profit**
Labor =	**Ten (10) percent**	**Ten (10) percent**
Materials =	**Ten (10) percent**	**Five (5) percent**
Equipment =	**Ten (10) percent**	**Five (5) percent**

To the sum of the costs and markups provided for in this Article, one (1) percent shall be added as compensation for bonding.

11.2.3 Subcontractor Mark Up - It is understood that labor, materials and equipment may be furnished by CONTRACTOR or by the Subcontractor on behalf of CONTRACTOR. When all or any part of the extra work is performed by a Subcontractor, the allowance specified herein shall be applied to the labor, materials and equipment costs of the Subcontractor, to which CONTRACTOR may add five (5) percent of the Subcontractor's total cost for the extra work. Regardless of the number of hierarchical tiers of Subcontractors, the five (5) percent increase above the performing Subcontractor's total cost which includes the allowances for overhead and profit may be applied one (1) time only.

11.2.4 Equipment Rental Rates

11.2.4.1 All equipment rental rates shall be in accordance with the rental rate source identified in the Supplementary General Conditions based on a monthly rate for the equipment, and based on an equipment utilization of one hundred seventy-three (173) hours per month. CONTRACTOR will be permitted to charge only for the hours the equipment is actually used in the changed work.

11.2.4.2 Equipment Required Specifically for the Additional Work - Whenever possible, changed work will be accomplished using equipment available on-site or owned by CONTRACTOR. If no on-site equipment can be used, and a specific piece of equipment must be rented to be used exclusively for the changed work, the rental rate will be the invoiced rate.

11.3 COST OF WORK (BASED ON TIME AND MATERIALS

11.3.1 General - The term "cost of work" means the sum of all costs necessarily incurred and paid by CONTRACTOR for labor, materials and equipment in the proper performance of extra work. Except as otherwise may be agreed to in writing by OWNER, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall include only the following items and shall not include any of the excluded costs itemized in this Article.

11.3.2 Labor - The costs of labor will be the actual cost substantiated by certified payroll for wages prevailing for each craft or type of workers performing the extra work at the time the extra work is done, plus employer payments of payroll taxes, Workers' Compensation insurance, liability insurance, health and welfare, pension, vacation, apprenticeship funds and other direct costs resulting from Federal, State or local laws, as well as assessments or benefits required by lawful collective bargaining agreements. Labor costs for equipment operators and helpers shall be paid only when such costs are not included in the invoice for equipment rental. The labor costs for foremen shall be proportioned to all of their assigned work and only that applicable to extra work shall be paid. Non-direct labor costs including the superintendent, Project manager and other labor identified in 11.3.7.1 shall be considered part of the overhead markup identified in this Article.

11.3.3 Materials - The cost of materials reported shall be itemized at invoice or lowest current price at which materials are locally available and delivered to the job in the quantities involved, plus the cost of sales tax, freight, delivery and storage.

11.3.3.1 Trade discounts available to the purchaser shall be credited to OWNER notwithstanding the fact that such discounts may not have been taken by CONTRACTOR.

11.3.3.2 For materials secured by other than a direct purchase and direct billing to the purchaser, the cost shall be deemed to be the price paid to the actual supplier as determined by CONSTRUCTION MANAGER.

11.3.3.3 Payment for materials from sources owned wholly or in part by the purchaser shall not exceed the price paid by the purchaser for similar materials from said sources on extra work items or the current wholesale price for such materials delivered to the work site, whichever price is lower.

11.3.3.4 If in the opinion of CONSTRUCTION MANAGER the cost of material is excessive, or CONTRACTOR does not furnish satisfactory evidence of the cost of such material, then the cost shall be deemed to be the lowest current wholesale price for the total quantity concerned delivered to the work site less trade discount.

11.3.3.5 OWNER reserves the right to furnish materials for the extra work and no claim shall be allowed by CONTRACTOR for costs and profit on such materials.

11.3.4 Equipment - CONTRACTOR will be paid for the use of equipment at the rental rate listed for such equipment specified in the Supplementary General Conditions. Such rental rate will be used to compute payments for equipment whether the equipment is under CONTRACTOR's control through direct ownership, leasing, renting or another method of acquisition. The rental

rate to be applied for use of each item of equipment shall be the rate resulting in the least total cost to OWNER for the total period of use. If it is deemed necessary by CONTRACTOR to use equipment not listed in the publication specified in the Supplementary General Conditions, an equitable rental rate for the equipment will be established by CONSTRUCTION MANAGER. CONTRACTOR may furnish cost data which might assist CONSTRUCTION MANAGER in the establishment of the rental rate.

11.3.4.1 All equipment shall, in the opinion of CONSTRUCTION MANAGER, be in good working condition and suitable for the purpose for which the equipment is to be used.

11.3.4.2 Before construction equipment is used on the extra work, CONTRACTOR shall plainly stencil or stamp an identifying number thereon at a conspicuous location, and shall furnish to CONSTRUCTION MANAGER, in duplicate, a description of the equipment and its identifying number and the scheduled work activities planned.

11.3.4.3 Unless otherwise specified, manufacturer's ratings and manufacturer-approved modifications shall be used to classify equipment for the determination of applicable rental rates. Equipment which has no direct power unit shall be powered by a unit of at least the minimum rating recommended by the manufacturer.

11.3.5 Rental Equipment

11.3.5.1 The rental time to be paid for equipment on the work site shall be the time the equipment is in productive operation on the extra work being performed and, in addition, shall include the time required to move the equipment to the location of the extra work and return it to the original location or to another location requiring no more time than that required to return it to its original location; except, that moving time will not be paid if the equipment is used on other than the extra work, even though located at the site of the extra work.

11.3.5.2 Rental time will not be allowed while equipment is inoperative due to breakdowns.

11.3.5.3 Computation Method - The following shall be used in computing the rental time of equipment on the work site.

11.3.5.3.1 When hourly rates are listed, any part of an hour less than thirty (30) minutes of operation shall be considered to be one-half (.5) hour of operation, and any part of an hour in excess of thirty (30) minutes will be considered one (1) hour of operation.

11.3.5.3.2 When daily rates are listed, any part of a Day less than four (4) hours operation shall be considered to be one-half (.5) Day of operation.

11.3.6 CONTRACTOR-Owned Equipment - For CONTRACTOR-owned equipment, the allowed equipment rental rate will be limited to the monthly equipment rental rate using a utilization rate of one hundred seventy-three (173) hours per month which is found in the Equipment Rental Rate Tables authorized by the Supplementary General Conditions for rental equipment.

11.3.7 Special Services Special work or services are defined as that work characterized by extraordinary complexity, sophistication or innovation or a combination of the foregoing attributes which are unique to the construction industry.

11.3.7.1 When CONSTRUCTION MANAGER and CONTRACTOR determine that a special service is required which cannot be performed by the forces of CONTRACTOR or those of any of its Subcontractors, the special service may be performed by an entity especially skilled in the work. Invoices for special services based upon the current fair market value thereof may be accepted without complete itemization of labor, material and equipment rental costs, after validation of market values by CONSTRUCTION MANAGER.

11.3.7.2 All invoices for special services will be adjusted by deducting all trade discounts offered or available, whether the discounts were taken or not. In lieu of the allowances for overhead and profit specified in this Article, herein, an allowance of fifteen (15) percent will be added to invoices for special services.

11.3.8 Excluded Costs - The term "cost of the work" shall not include any of the following costs:

11.3.8.1 Overhead Cost - Payroll costs and other compensation of CONTRACTOR's officers, executives, principals (of partnership and sole proprietorships) general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, timekeepers, clerks and other personnel employed by CONTRACTOR whether at the site or in CONTRACTOR's principal office, a branch office or material yard and shop for general administration of the Work or not specifically covered by this Article all of which are to be considered administrative costs covered by CONTRACTOR's allowance for overhead and profit.

11.3.8.2 Office Expense - Expenses of CONTRACTOR's principal and branch offices.

11.3.8.3 Capital Expenses - Any part of CONTRACTOR's capital expenses, including interest on CONTRACTOR's capital employed for the WORK and charges against CONTRACTOR for delinquent payments.

11.3.8.4 Premiums - Cost of premiums for all Bonds and for all insurance whether or not CONTRACTOR is required by the Contract Documents to purchase and maintain the same.

11.3.8.5 Negligence - Costs due to the negligence of CONTRACTOR, any Subcontractor or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of Defective Work, disposal of materials or equipment wrongly supplied and making good any damage to property.

11.3.8.6 Other - Other overhead or general expense costs of any kind and the cost of any item not specifically and expressly included in this Article.

11.3.8.7 Small Tools - Cost of small tools valued at less than five hundred dollars ($500) and that remain the property of CONTRACTOR.

11.3.8.8 Administrative Costs - Costs associated with the preparation of Change Orders (whether or not ultimately authorized), cost estimates or the preparation or filing of claims.

11.3.8.9 Anticipated Lost Profits - Expenses of CONTRACTOR associated with anticipated lost profits or lost revenues, lost income or earnings, lost interest on earnings or unpaid retainage.

11.3.8.10 Home Office Overhead - Costs derived from the computation of a home office overhead rate by application of the Eichleay, Allegheny, Burden Fluctuation or other similar methods.

11.3.8.11 Special Consultants and Attorneys - Costs of special consultants or attorneys, whether or not in the direct employ of CONTRACTOR, employed for services specifically related to the resolution of a claim, dispute or other matter relating to the acceptability of the Work.

11.3.9 CONTRACTOR's Extra Work Report - In order to be paid for extra work based on time and materials, CONTRACTOR must submit a daily Extra Work Report on a form provided by CONSTRUCTION MANAGER. The form must be completely filled out based on the provisions of this Article and signed by CONTRACTOR and CONSTRUCTION MANAGER at the end of each work Day. Failure to complete the form and obtain appropriate signatures by the next working Day after the work was completed will result in CONTRACTOR's costs for extra work being disallowed until such form is completed and agreed to by CONSTRUCTION MANAGER. Delay in submitting the form beyond seven (7) Days will result in CONSTRUCTION MANAGER's records becoming the official record for payment purposes.

11.4 COSTS RELATING TO WEATHER DAMAGE

CONTRACTOR shall have no cost claims against OWNER for damages for any injury to work, materials or equipment, resulting from the action of the elements or weather. Weather-related adjustment to Contract Time will be made in accordance with Article 12.

11.5 WRITTEN JUSTIFICATION SUBSTANTIATING ADJUSTMENT

11.5.1 CONTRACTOR Initiated Change - Any request by CONTRACTOR for a change in the Contract Price shall be based on written notice delivered by CONTRACTOR to CONSTRUCTION MANAGER promptly (but in no event later than seven (7) Days) after the start of the occurrence or the event giving rise to the request for adjustment and stating the general nature of the request.

11.5.2 Cost and Time Notice Requirements - Notice of the amount of the request for adjustment in cost and/or time with supporting data shall be delivered within fourteen (14) Days after such start of occurrence, unless CONSTRUCTION MANAGER allows an additional period of time to ascertain more accurate data in support of the request.

11.5.3 Proposal Form - CONTRACTOR's proposal shall be on forms acceptable to CONSTRUCTION MANAGER. CONTRACTOR proposal request shall certify in writing that the amounts included cover all direct, supplemental, indirect, consequential and cumulative costs

and delays, as applicable, and that those costs and delays would be or were necessarily incurred, despite CONTRACTOR's reasonable and diligent efforts to mitigate them. Mitigation efforts undertaken by CONTRACTOR should be described.

11.5.4 Proposal Content - Where the change in Contract Price is to be determined on the basis of the cost of the work involved, CONTRACTOR's itemized estimates shall detail all applicable elements of cost, including, but not limited to, labor hours and payroll costs, quantities, crew mixes, production rates, material costs, Subcontractor and Supplier costs, equipment costs and supplemental costs. Where the change in Contract Price arises from changes in the schedule of all or part of the WORK, or where a change in Contract Time is sought, the submittal shall include analysis required by Article 12. With respect to work during other than normal hours, the labor charges associated with such work shall consist of straight time wages and burden plus the appropriate overtime or shift premium with no additional burden (i.e., fringe benefits) on the premium portion.

11.5.5 Additions and Deletions - The submittal shall cover all aspects of the work involved, whether relating to deleted, added, revised or impacted items of Work. Amounts for Subcontractors or Suppliers at any tier shall be similarly supported.

11.5.6 Requirements for Valid Proposal - No submittal for an adjustment in Contract Price or Contract Time shall be valid unless submitted in accordance with this Article.

11.5.7 Obligation of Surety - All work performed hereunder shall be subject to all of the provisions of the Contract Documents and CONTRACTOR's sureties shall be bound with reference thereto as under the Agreement. Copies of all amendments to surety Bonds or supplemental surety Bonds shall be submitted to OWNER when requested.

11.5.8 Documentation - CONTRACTOR is required to comply with CONSTRUCTION MANAGER's documentation requirements regarding format and level of detail for the Change Order process.

11.6 OWNER RIGHT TO DIRECT USE OF COMPETITIVE BID - OWNER reserves the right to direct CONTRACTOR to solicit competitive bids for additional work. If required by OWNER, CONTRACTOR shall obtain competitive bids from Subcontractors acceptable to CONTRACTOR and shall deliver such bids to OWNER who will then determine, with the advice of CONSTRUCTION MANAGER, which bids will be accepted.

ARTICLE 12 -- CHANGE OF CONTRACT TIME

12.1 GENERAL

12.1.1 CONTRACTOR Request For Time Extension - The Contract Time may only be changed by a Change Order or Field Order. Any request by CONTRACTOR for an extension of the Contract Time (or Milestones) shall be based on written notice delivered by CONTRACTOR to CONSTRUCTION MANAGER promptly (but in no event later than seven (7) Days) after the occurrence of the event giving rise to the request and stating the general nature of the request,

unless otherwise noted. Notice of the extent of the request with supporting data shall be delivered within fourteen (14) Days after such occurrence (unless CONSTRUCTION MANAGER allows an additional period of time to ascertain more accurate data in support of the request) and shall be accompanied by CONTRACTOR'S written statement that the adjustment requested is the entire time adjustment to which CONTRACTOR has reason to believe it is entitled as a result of the occurrence of said event. An increase in Contract Time does not mean that CONTRACTOR is due an increase in Contract Price.

12.1.2 CONTRACTOR Required Analysis - An extension in Contract Time will not be granted unless CONTRACTOR can demonstrate through an analysis of the Critical Path Method Progress Schedule critical path that the increases in the time to perform or complete the WORK, or specified part of the WORK, beyond the corresponding Contract Time arise from unforeseeable causes beyond the control and without the fault or negligence of both CONTRACTOR and his Subcontractors, Suppliers or other persons or organizations, and that such causes in fact lead to performance or completion of the WORK, or specified part in question, beyond the corresponding Contract Time, despite CONTRACTOR's reasonable and diligent actions to guard against those effects.

12.1.3 OWNER's Right To Grant Time Extension - OWNER may elect, at its sole discretion, to grant an extension in Contract Time, without CONTRACTOR's request, because of delays or other factors.

12.2 TIME IS OF THE ESSENCE - With regard to all Milestones and all time limits stated in the Contract Documents, time is of the essence.

12.3 CRITERIA FOR DETERMINING ADJUSTMENTS IN CONTRACT TIME

12.3.1 Use Of Float and Critical Path - Use of float is in accordance with the SPECIAL PROVISIONS.

12.3.2 Types Of Delays Beyond CONTRACTOR's and OWNER'S Control - Delays beyond the control of CONTRACTOR shall include, but not be limited to, acts or neglect by OWNER, acts or neglect of utility owners, fires, floods, epidemics, abnormal weather conditions, labor slowdowns and strikes or acts of God. CONTRACTOR must provide CONSTRUCTION MANAGER written notice of the potential delay within twenty-four (24) hours of the occurrence.

12.3.3 Subcontractor Delays Within CONTRACTOR Control - Delays attributable to and within the control of Subcontractor or Supplier shall be deemed to be delays within the control of CONTRACTOR. No time extension will be allowed for such delays.

12.4 TIME ONLY ENTITLEMENT

12.4.1 - Where CONTRACTOR is prevented from completing any part of the WORK within the Contract Time (or Milestones) due to delay to a critical path activity beyond the control of both OWNER and CONTRACTOR, an extension of the Contract Time (or Milestones) in an amount

equal to the time lost on the critical path of the Project due to such delay shall be CONTRACTOR's sole and exclusive remedy for such delay.

12.4.2 - In no event shall OWNER be liable to CONTRACTOR, any Subcontractor, any Supplier or any other person or organization, or to any surety for or employee or agent of any of them, for damages arising out or resulting from (i) delays caused by or within the control of CONTRACTOR, or (ii) delays beyond the control of both parties including but not limited to fires, floods, epidemics, abnormal weather conditions, acts of God or acts or neglect by utility owners or other contractors performing other work as contemplated by Article 7. CONTRACTOR must provide CONSTRUCTION MANAGER written notice of the potential delay within twenty-four (24) hours of the occurrence.

12.5 EXTENSIONS OF TIME FOR DELAY DUE TO WEATHER - An inclement weather delay is defined as a delay caused by inclement weather which prevents CONTRACTOR from working on the controlling item in CONTRACTOR's construction schedule. Should CONTRACTOR experience inclement weather delays over the course of contract duration in excess of the number of Days outlined in the Supplementary General Conditions, CONTRACTOR shall be granted a time extension in accordance with the provisions outlined in this Article. The time extension shall be based on the number of inclement weather Days in excess of the number of Days outlined in the Supplementary General Conditions.

12.5.1 Extension of Time For Delays due to Weather Damage - If, however, in the opinion of CONSTRUCTION MANAGER, CONTRACTOR has made all reasonable efforts to protect the materials, equipment and work, CONTRACTOR may be granted a reasonable extension of Contract Time to make proper repairs, renewals and replacements of the work, materials or equipment in accordance with Article 12.

ARTICLE 13 -- TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK; WARRANTY AND GUARANTEE

13.1 TESTS AND INSPECTIONS

13.1.1 ACCESS TO WORK FOR TESTING AND INSPECTION - OWNER, CONSTRUCTION MANAGER, their consultants, Sub-Consultants other representatives and personnel of OWNER, independent testing laboratories and governmental agencies with jurisdictional interests will have access to the WORK at reasonable times for their observation, inspecting and testing. CONTRACTOR shall provide them proper and safe conditions for such access and advise them of CONTRACTOR's Safety procedures and programs so that they may comply.

13.1.2 Cost of Inspection/Notice - CONSTRUCTION MANAGER will make, or have made, such inspections and tests as CONSTRUCTION MANAGER deems necessary to see that the WORK is being accomplished in accordance with the requirements of the Contract Documents. Unless otherwise specified, the cost of such inspection and testing will be borne by OWNER. In the event such inspections or tests reveal non-compliance with the requirements of the Contract

Documents, CONTRACTOR shall bear the cost of corrective measures deemed necessary by CONSTRUCTION MANAGER, as well as the cost of subsequent re-inspection and re-testing.

Neither observations by CONSTRUCTION MANAGER nor inspections, tests or approvals by others shall relieve CONTRACTOR from CONTRACTOR's obligation to perform the WORK in accordance with the Contract Documents.

CONTRACTOR shall give CONSTRUCTION MANAGER timely notice as specified in the technical specification or five (5) Days if not identified of readiness of the WORK for all required on and off site inspections, tests or approvals, and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.

CONSTRUCTION MANAGER shall provide for the services of an independent testing laboratory to perform inspections, tests or approvals required by the Contract Documents except as otherwise specifically provided.

CONTRACTOR shall be responsible for arranging any inspection required by a public entity. CONTRACTOR shall provide adequate notice to the public entity and to CONSTRUCTION MANAGER for any required inspection.

13.1.3 Right to Stop Work - CONSTRUCTION MANAGER has the right to stop or suspend work activities which will cover CONTRACTOR work product which is to be inspected or tested, or which will interfere with the inspection or testing activities, for a reasonable time and CONTRACTOR will have no right to additional cost or time he may incur as a result of the work stoppage.

13.2 CONTRACTOR INSPECTION AND TESTING RESPONSIBILITY

13.2.1 - CONTRACTOR shall be responsible for performance of tests and inspections in accordance with the SPECIAL PROVISIONS.

13.2.2 If laws or regulations of any public body having jurisdiction other than OWNER require any work to specifically be inspected, tested or approved, CONTRACTOR shall pay all costs.

13.2.3 CONTRACTOR shall be responsible for and shall pay all costs in connection with any inspection or testing required in connection with OWNER's or CONSTRUCTION MANAGER's acceptance of a Supplier of materials or equipment proposed as a substitution or "or-equal" to be incorporated in the WORK, or of materials or equipment submitted for review prior to CONTRACTOR's purchase thereof for incorporation in the WORK.

13.2.4 CONTRACTOR shall pay all related costs, schedule related activities at appropriate times and secure and furnish for CONSTRUCTION MANAGER the required certificates of inspection, testing or approval. Any associated cost and time required by CONTRACTOR for inspections required under Article 13.2 shall be considered as having been included in the Contract Price and in CONTRACTOR's schedule for the performance of the WORK within the Contract Time.

13.2.5 All inspections, tests or approvals other than those required by laws or regulations of any public body having jurisdiction shall be performed by organizations acceptable to CONSTRUCTION MANAGER.

13.2.6 CONTRACTOR shall anticipate at a minimum the following testing and inspection requirements over and above those required by the Contract Documents:

Civil Engineering and building Inspections/Reviews

1. Site grading
2. All form work
3. Concrete placement
4. Final site and grade
5. Water facilities
6. Building permit inspections
7. IID inspections and equipment approvals

13.3 COVERING WORK TO BE INSPECTED

13.3.1 Covered Work Prior To Inspection Or Testing - If any WORK (including the work of others) that is to be inspected, tested or approved is covered without written concurrence of CONSTRUCTION MANAGER, it must, when requested by CONSTRUCTION MANAGER, be uncovered for inspection. CONTRACTOR shall bear all direct, indirect, and consequential costs and damages of such uncovering, unless CONTRACTOR has given CONSTRUCTION MANAGER and/or agencies timely notice of CONTRACTOR's intention to cover the same, and CONSTRUCTION MANAGER has not acted with reasonable promptness in response to such notice.

13.3.2 Covered Work Contrary To Written Request - If any WORK is covered contrary to the written request of CONSTRUCTION MANAGER, it must, when requested by the CONSTRUCTION MANAGER, be uncovered for CONSTRUCTION MANAGER's observation and recovered. CONTRACTOR shall bear all direct, indirect and consequential costs and damages of such uncovering.

13.3.3 CONSTRUCTION MANAGER Right to Direct That Work Be Uncovered For Inspection Or Testing

13.3.3.1 If CONSTRUCTION MANAGER considers it necessary or advisable that covered work be observed by CONSTRUCTION MANAGER or inspected or tested by others, CONTRACTOR, at CONSTRUCTION MANAGER's request, shall uncover, expose or otherwise make available for observation, inspection or testing as CONSTRUCTION MANAGER may require, that portion of the WORK in question, furnishing all necessary labor, material and equipment.

13.3.3.2 If it is found that such WORK is defective, CONTRACTOR shall bear all direct, indirect and consequential costs and damages of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including but not limited to fees and charges of

engineers, architects, attorneys and other professionals. However, if such work is not found to be defective, CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction based on the time and materials provisions as outlined in Article 11.

13.4 OWNER MAY STOP THE WORK - If the WORK is determined to be defective by CONSTRUCTION MANAGER, and CONTRACTOR fails to immediately correct the defect or CONTRACTOR fails to perform WORK in such a way that the completed WORK will conform to the Contract Documents, CONSTRUCTION MANAGER may order CONTRACTOR to stop the WORK, or any portion thereof, until the cause for such order has been eliminated; however, this right of CONSTRUCTION MANAGER to stop the WORK shall not give rise to any duty on the part of OWNER or CONSTRUCTION MANAGER to exercise this right for the benefit of CONTRACTOR or any other party. CONTRACTOR shall bear all direct, indirect and consequential costs and damages that result from this stop work notice.

13.5 CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.5.1 CONTRACTOR's Responsibility - If required by CONSTRUCTION MANAGER, CONTRACTOR shall promptly, either correct all Defective Work, whether or not fabricated, installed or completed, or, if the WORK has been rejected by CONSTRUCTION MANAGER, remove it from the site and replace it with non-Defective Work. CONTRACTOR shall bear all direct, indirect and consequential costs and damages of such correction or removal.

13.5.2 OWNER Acceptance of Defective Work - If, instead of requiring correction or removal and replacement of Defective Work, OWNER prefers to accept the WORK, OWNER may do so. CONTRACTOR shall bear all direct, indirect and consequential costs attributable to OWNER's evaluation of and determination to accept such Defective Work. If any such acceptance occurs prior to Final Payment, a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the WORK, and OWNER shall be entitled to an appropriate decrease in the Contract Price, determined by CONSTRUCTION MANAGER and charged to CONTRACTOR through a deductive Change Order.

13.5.3 OWNER May Correct Defective Work

13.5.3.1 If CONTRACTOR after receiving written notice, from CONSTRUCTION MANAGER or from OWNER, or both, fails within a reasonable time as specified in the notice, to correct Defective Work or to remove and replace rejected WORK, OWNER may correct and remedy any such deficiency. If CONTRACTOR after receiving written notice from CONSTRUCTION MANAGER or OWNER, or both, fails within reasonable time as specified in the notice, to perform the WORK in accordance with the Contract Documents, or fails to comply with any other provision of the Contract Documents, OWNER may correct and remedy any such deficiency.

13.5.3.2 In exercising the rights and remedies under this paragraph OWNER shall proceed expeditiously.

13.5.3.3 In connection with such corrective and remedial action, OWNER may exclude CONTRACTOR from all or part of the site, take possession of all or part of the WORK, and suspend CONTRACTOR's services related thereto, take possession of CONTRACTOR's tools, appliances, construction equipment and machinery at the site and incorporate in the Work all materials and equipment stored at the site or for which OWNER has paid CONTRACTOR but which are stored elsewhere.

13.5.3.4 CONTRACTOR shall allow OWNER, Engineers, Agents and employees, OWNER's other contractors, CONSTRUCTION MANAGER and OWNER access to the site to enable OWNER to exercise the rights and remedies under this paragraph.

13.5.3.5 All claims, costs, losses and damages incurred or sustained by OWNER in exercising such rights and remedies will be charged against CONTRACTOR and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the WORK, and OWNER shall be entitled to an appropriate decrease in the Contract Price, and, if the parties are unable to agree as to the amount thereof, OWNER may unilaterally issue the Change Order through CONSTRUCTION MANAGER.

13.5.3.6 Such claims, costs, losses and damages will include but not be limited to all costs of repair or replacement of work of others destroyed or damaged by correction, removal or replacement of CONTRACTOR's Defective Work.

13.5.3.7 CONTRACTOR shall not be allowed an extension of the Contract Time (or Milestones) because of any delay in the performance of the WORK attributable to the exercise by OWNER of OWNER's rights and remedies hereunder.

13.6 WARRANTY AND GUARANTEE

13.6.1 General - CONTRACTOR warrants and guarantees to OWNER that all work will be in accordance with the Contract Documents and will not be defective. Prompt notice of defects known to OWNER or CONSTRUCTION MANAGER shall be given to CONTRACTOR. All Defective Work, whether or not in place, may be rejected, corrected or accepted as provided in this Article 13. Defective Work may be rejected even if approved by prior inspection.

13.6.2 One (1) Year Warranty Period - The warranty period shall commence when the Notice of Completion is issued, at notice of Beneficial Occupancy or at notice of Partial Utilization of the work to be warranted has been issued, or a later date if so specified in the Agreement, or mutually agreed to, and extend until one (1) year after that date or whatever longer period may be prescribed by laws or regulations or by the terms of any applicable special guarantee or specific provision of the Contract Documents.

13.6.3 Correction of Defective Work - If within the designated warranty period, or such longer period as may be required by Laws or Regulations, the WORK, or any part of the WORK, is discovered to be defective, CONTRACTOR shall promptly, without an adjustment in Contract Price and in accordance with OWNER's or CONSTRUCTION MANAGER's written instructions,

either correct that Defective Work, or if it has been rejected by OWNER or CONSTRUCTION MANAGER, remove it from the site and replace it with non-Defective Work. If circumstances warrant it, including but not limited to, in an emergency, OWNER or CONSTRUCTION MANAGER may have the Defective Work corrected or the rejected WORK removed and replaced. In that event, CONTRACTOR shall not be allowed to recover any associated costs, and he shall reimburse OWNER for all direct, indirect and consequential costs of OWNER, and OWNER shall be entitled to an appropriate decrease in Contract Price, to withhold a set-off against amount recommended for payment, or make a claim on CONTRACTOR's bond if CONTRACTOR has been paid in full. Where Defective Work (and damage to other WORK resulting therefrom) has been corrected, removed or replaced during the warranty period, the one (1) year warranty period with respect to such WORK will be extended for an additional period of one (1) year after such correction or removal and replacement has been satisfactorily completed.

13.6.4 Early Completion - The one (1) year warranty period will not begin until the Notice of Completion is filed. If CONTRACTOR completes the WORK or portions thereof prior to this time, he shall preserve the equipment and/or facilities by developing and implementing a preventive maintenance program in compliance with manufacturer's recommendations to maintain the equipment and/or facilities unless OWNER has issued a notice of Beneficial Occupancy or notice of Partial Utilization for the warranted WORK. At start up, CONTRACTOR will be required to get his equipment and/or facilities ready to put into service.

13.7 EXTENDED WARRANTIES AND GUARANTEES - OWNER may at its sole discretion extend the one (1) year warranty period up to twenty-four (24) months, in which case CONTRACTOR shall maintain the warranties and guarantees. If such extension of the one (1) year warranty period causes an increase in the cost of the warranties and guarantees provided by CONTRACTOR, an adjustment in Contract Price shall be made as provided by the Contract Documents.

13.7.1 Extended Warranties and Guarantees - OWNER may extend the one (1) year Warranty period for up to twenty-four (24) additional months.

ARTICLE 14 -- PAYMENTS TO CONTRACTOR AND COMPLETION

14.1 BASIS FOR PAYMENT

14.1.1 Lump Sum Items

14.1.1.1 General - Items for which quantities are indicated as Lump Sum shall be paid for at the price indicated in the Bid. Such payment shall be full compensation for the items of WORK and all work appurtenant thereto.

14.1.1.2 Critical Path Method ("CPM") Schedule Used For Payment - Payment for all lump sum costs and services shall be based on the value of WORK accomplished. The allocation of cost to CPM schedule activities will be utilized for payment computation.

14.1.1.3 Critical Path Method Schedule Required - CONTRACTOR shall submit to CONSTRUCTION MANAGER a detailed cost loaded and manpower loaded CPM schedule, to be used as a basis for determining progress payments in accordance with the General Requirements.

14.1.2 Unit Priced Items

14.1.2.1 General - Unit price items will be paid for based on equivalent quantities installed or performed. Unless otherwise specified, quantities of WORK shall be determined from measurements or dimensions in horizontal planes. However, linear quantities of pipe, piling, fencing and timber shall be considered as being the true length measured along the longitudinal axis. Unless otherwise provided in the Specifications, volumetric quantities shall be the product of the mean area of vertical or horizontal sections and the intervening horizontal or vertical dimension. CONTRACTOR and CONSTRUCTION MANAGER will agree on the unit quantity to be used for payment prior to its installation or removal when possible, or immediately after installation.

14.1.2.2 Methods of Measurement - Materials and items of WORK which are to be paid for on the basis of measurement shall be measured in accordance with the methods stipulated in the particular sections involved.

14.1.2.3 Certified Weight - When payment is to be made on the basis of weight, the weighing shall be done on certified platform scales or, when approved by CONSTRUCTION MANAGER, on a completely automated weighing and recording system. CONTRACTOR shall furnish CONSTRUCTION MANAGER with duplicate licensed weighmaster's certificates showing the actual net weights.

14.1.2.4 Units of Measurement - Measurements shall be in accordance with U.S. standard measures. A pound is an avoirdupois pound. A ton is two thousand (2,000) pounds avoirdupois. The unit of liquid measure is the U.S. gallon.

14.2 PAYMENT

14.2.1 Wasted Or Rejected Material - Payment will not be made for materials wasted or disposed of in a manner not called for in the Contract Documents. This includes rejected material not unloaded from vehicles, material rejected after it has been placed and material placed outside of the plan lines. No compensation will be allowed for disposing of rejected or excess materials.

14.2.2 CONTRACTOR Retains Ownership - Payment shall not relieve CONTRACTOR from its obligations under the Agreement, nor shall such payment be construed to be acceptance of any of the WORK. Payment shall not be construed as the transfer of ownership of any equipment or materials to OWNER. Responsibility of ownership shall remain with CONTRACTOR who shall be obligated to store, protect, repair, replace, rebuild or otherwise restore any fully or partially completed WORK or structure for which payment has been made, or replace any materials or equipment required to be provided under the Agreement which may be damaged, lost, stolen or otherwise degraded in any way prior to final acceptance of the WORK.

14.2.3 Payment Does Not Affect Warranty - Guarantee and warranty periods shall not be affected by any payment but shall commence as specified in Article 13.6.2.

14.2.4 Stop Notice - If, within the time fixed by law, a properly executed notice to stop payment is filed with OWNER, due to CONTRACTOR's failure to pay for labor or materials used in the WORK, all money due for such labor or materials will be withheld from payment to CONTRACTOR in accordance with applicable laws.

14.3 APPLICATION FOR PROGRESS PAYMENT

14.3.1 Payment Due Date - CONTRACTOR shall, on the payment application date designated by CONSTRUCTION MANAGER, submit to CONSTRUCTION MANAGER for review, an Application for Payment filled out and signed by CONTRACTOR covering the WORK completed as of the date of the application and accompanied by such supporting documentation as is required by the General Requirements.

14.3.2 Payment Application Content - The Application for Payment shall identify, as a subtotal, the amount of CONTRACTOR's total earnings to date, plus the value of materials stored at the site which have not yet been incorporated in the WORK, and less a deductive adjustment for materials previously paid. Payment for such material shall not be construed as acceptance of the material.

14.3.3 Net Payment - The net payment due CONTRACTOR shall be the above-mentioned subtotal from which shall be deducted retainage and the total amount of all previous payments made to CONTRACTOR.

14.3.4 Retention - A retention of five (5) percent of each approved progress payment will be withheld until the work is fifty (50) percent complete; then OWNER may, at its option, refund that portion of retainage held by OWNER that is in excess of five (5) percent of the total of the WORK done to date and thereafter continue to retain five (5) percent of the value of all approved progress payment requests subsequently submitted. When the Notice of Completion is issued, OWNER at its option, may refund any portion of the remaining retention.

14.3.5 Retainage From Payments - CONTRACTOR may elect to receive one hundred (100) percent of payments due under the Contract Documents from time to time, without retention of any portion of the payment by OWNER, by depositing securities of equivalent value with OWNER in accordance with the provisions of section 22300 of the Public Contract Code. Such securities, if deposited by CONTRACTOR, shall be valued by OWNER, whose decision on valuation of the securities shall be final. Securities eligible for investment under this provision shall be limited to those listed in section 16430 of the Government Code, bank or savings and loan certificates of deposit, interest-bearing demand deposit accounts, standby letters of credit or any other security mutually agreed to by CONTRACTOR and OWNER.

14.3.6 Reinstating Retention - OWNER may reinstate up to five (5) percent retention of the total of the WORK done if OWNER determines, at its discretion, that CONTRACTOR is not performing the WORK satisfactorily or there is other specific cause for such withholding.

14.3.7 Products Stored On and Off Site - Storage and payment for material supplies and/or equipment which will be incorporated into the WORK shall be in accordance with the provisions of the General Requirements.

14.4 CONTRACTOR'S WARRANTY OF TITLE - CONTRACTOR warrants and guarantees that title to all work, materials and equipment covered by an Application for Payment, whether incorporated in the WORK or not, will pass to OWNER at the time of Final Payment free and clear of all liens.

14.5 APPLICATIONS FOR PROGRESS PAYMENT - Thirty (30) Days after presentation of undisputed and properly submitted Application for Payment, the amount will become due and when due will be paid by OWNER to CONTRACTOR.

Any payment request that is disputed or determined to be improper shall be returned to CONTRACTOR not later than seven (7) Days after receipt accompanied by documentation describing the reason(s) why the payment request is not proper.

Any progress payment not made within thirty (30) Days of an undisputed and properly submitted payment request will require OWNER to pay interest as provided by Public Contract Code section 20104.50.

14.6 REJECT PAYMENT FOR DEFECTIVE WORK - CONSTRUCTION MANAGER may also refuse to recommend any such payment, or, because of subsequently discovered evidence or the results of subsequent inspections or tests, nullify any such payment previously recommended, to such extent as may be necessary in CONSTRUCTION MANAGER's opinion to protect OWNER from loss because:

14.6.1 The WORK is defective, or completed WORK has been damaged requiring correction or replacement,

14.6.2 The Contract Price has been reduced by written amendment or Change Order,

14.6.3 OWNER has been required to correct Defective Work or complete WORK in accordance with Article 13.

14.6.4 CONSTRUCTION MANAGER has actual knowledge of the occurrence of any of the events enumerated in Article 15.

14.7 REJECTION OF PAYMENT BY OWNER - OWNER may refuse to make payment of the full amount recommended by CONSTRUCTION MANAGER because claims have been made against OWNER on account of CONTRACTOR's performance of the WORK or liens have been filed in connection with the WORK or there are other items entitling OWNER to a credit against

the amount recommended, but OWNER must give CONTRACTOR written notice within seven (7) Days (with a copy to CONSTRUCTION MANAGER) stating the reasons for such action.

14.8 SUBSTANTIAL COMPLETION

14.8.1 When CONTRACTOR considers the WORK ready for its intended use CONTRACTOR shall notify CONSTRUCTION MANAGER in writing that the WORK is substantially complete. CONTRACTOR shall attach to this notice a list of all work items that remain to be completed.

14.8.2 Within a reasonable time thereafter, OWNER, CONTRACTOR and CONSTRUCTION MANAGER shall make an inspection of the WORK to determine the status of completion.

14.8.3 If CONSTRUCTION MANAGER does not consider the WORK substantially complete, or the list of remaining work items to be comprehensive, CONSTRUCTION MANAGER will notify CONTRACTOR in writing giving the reasons therefore.

14.8.4 If CONSTRUCTION MANAGER considers the WORK substantially complete, CONSTRUCTION MANAGER will prepare and deliver to OWNER a notice of Substantial Completion, which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before Final Payment. At the time of delivery of the notice of Substantial Completion, CONSTRUCTION MANAGER will deliver to OWNER and CONTRACTOR a written recommendation as to division of responsibilities pending Final Payment between OWNER and CONTRACTOR with respect to security, operation, Safety, maintenance, heat, utilities, insurance and warranties and guarantees.

14.8.5 OWNER shall have the right to exclude CONTRACTOR from the WORK after the date of Substantial Completion, but OWNER shall allow CONTRACTOR reasonable access to complete or correct items on the list of remaining WORK items, or for warranty work.

14.9 PARTIAL UTILIZATION AND BENEFICIAL OCCUPANCY

14.9.1 Partial Utilization - OWNER shall have the right to utilize or place into service any item of equipment or other usable portion of the WORK which is substantially complete prior to completion of all of the WORK. Whenever OWNER plans to exercise said right, CONTRACTOR will be notified in writing with a notice of Partial Utilization signed by OWNER identifying the specific portion or portions of the WORK to be so utilized or otherwise placed into service. Liquidated damages will not be affected.

14.9.2 Beneficial Occupancy - OWNER shall have the right to take control of the entire WORK if it is substantially completed. Whenever OWNER plans to exercise said right CONTRACTOR will be notified in writing with a notice of Beneficial Occupancy. Such use by OWNER will terminate liquidated damages.

14.9.3 Responsibility For Care and Maintenance - It shall be understood by CONTRACTOR that until Beneficial Occupancy or Partial Utilization notices are issued or start up begins, all responsibility for care and maintenance of all of the WORK shall be the responsibility of

CONTRACTOR. Upon issuance of said written notice of Beneficial Occupancy or notice of Partial Utilization, OWNER will accept responsibility for the protection and maintenance of all such items or portions of the WORK described in the written notice.

14.9.4 CONTRACTOR Responsible For Completion - CONTRACTOR shall retain full responsibility for satisfactory completion of the WORK, regardless of whether a portion thereof has been partially utilized by OWNER.

14.10 FINAL INSPECTION - Upon written notice from CONTRACTOR that the entire WORK or an agreed portion thereof is complete, CONSTRUCTION MANAGER will make a final inspection with OWNER and CONTRACTOR and will notify CONTRACTOR in writing of all particulars in which this inspection reveals that the WORK is incomplete or defective. CONTRACTOR shall immediately take such measures as are necessary to complete such WORK or remedy such deficiencies.

14.11 FINAL APPLICATION FOR PAYMENT - After CONTRACTOR has completed all of the remaining work items referred to in Article 14, removed all temporary structures and utilities, cleared the site, delivered all maintenance and operating instructions, schedules, guarantees, Bonds, certificates of inspection, marked-up record documents and other documents, all as required by the Contract Documents, and after CONSTRUCTION MANAGER has indicated that the WORK is acceptable, CONTRACTOR may make application for Final Payment following the procedure for progress payments. The final Application for Payment shall be accompanied by all documentation called for in the Contract Documents, together with complete and legally effective releases or waivers satisfactory to OWNER of all liens arising out of or filed in connection with the WORK. If CONTRACTOR has specific claims outstanding he shall restate these claims by stating the nature of the claim, the basis for entitlement and the estimated value of the claim. CONTRACTOR shall specifically release OWNER from any other claims not renewed.

14.12 FINAL PAYMENT AND ACCEPTANCE

14.12.1 If, on the basis of CONSTRUCTION MANAGER's observation of the WORK during construction and final inspection, and CONSTRUCTION MANAGER's review of the final Application for Payment and accompanying documentation, all as required by the Contract Documents, CONSTRUCTION MANAGER is satisfied that the WORK has been completed and CONTRACTOR's other obligations under the Contract Documents have been fulfilled, CONSTRUCTION MANAGER will, within fourteen (14) Days after receipt of the final Application for Payment, indicate in writing CONSTRUCTION MANAGER's recommendation of payment and present the Application for Payment to OWNER for payment. CONSTRUCTION MANAGER will also prepare a Notice of Completion.

14.12.2 After acceptance of the WORK by OWNER, OWNER will make Final Payment to CONTRACTOR of the amount remaining after deducting all prior payments and all amounts to be kept or retained under the provisions of the Contract Documents. OWNER will sign the Notice of Completion and file the Notice of Completion with the County Recorder.

14.13 LIQUIDATED DAMAGES

14.13.1 - Failure of CONTRACTOR to complete the WORK within the time allowed will result in damages being sustained by OWNER. For each consecutive calendar Day in excess of the time specified for completion of the WORK, CONTRACTOR shall pay to OWNER, or have withheld from monies due it, the sum provided for in the Contract Documents.

14.13.2 Execution of the Agreement shall constitute agreement by OWNER and CONTRACTOR that specified liquidated damages is the minimum value of the costs and actual damage caused by failure of CONTRACTOR to complete the WORK within the allotted time; that such sum is liquidated damages and shall not be construed as a penalty, and that such sum will be deducted from Final Payment due CONTRACTOR if such delay in completion occurs.

14.14 PARTIAL RELEASE OF RETENTION AT SUBSTANTIAL COMPLETION - If, through no fault of CONTRACTOR, final completion of the WORK is significantly delayed and if CONSTRUCTION MANAGER so confirms, OWNER shall, upon receipt of CONTRACTOR's final Application for Payment and recommendation of CONSTRUCTION MANAGER, and without terminating the Agreement, make payment of the balance due for that portion of the WORK fully completed and accepted. If the remaining balance to be held by OWNER for WORK not fully completed or corrected is less than the retainage stipulated in the Agreement, and if Bonds have been furnished as required in Article 5, the written consent of the surety to the payment of the balance due for that portion of the WORK fully completed and accepted shall be submitted by CONTRACTOR to CONSTRUCTION MANAGER with the Application for such payment. Such payment shall be made under the terms and conditions governing Final Payment, except that it shall not constitute a waiver of claims.

14.15 WAIVER OF CLAIMS - The making and acceptance of Final Payment will constitute:

14.15.1 OWNER - A waiver of all claims by OWNER against CONTRACTOR, except claims arising from unsettled liens, from Defective Work appearing after final inspection pursuant to Article 14, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from CONTRACTOR's continuing obligations under the Contract Documents; and

14.15.2 CONTRACTOR - A waiver of all claims by CONTRACTOR against OWNER other than those previously made in writing and still unsettled and specifically renewed in the Application for Payment.

14.16 RELEASE OF RETAINAGE AND OTHER DEDUCTIONS - After executing the necessary documents to initiate the lien period, and not more than thirty-five (35) Days thereafter (based on a thirty (30) Day lien filing period and five (5) Day processing time), OWNER will release to CONTRACTOR the retainage funds withheld pursuant to the Agreement, less any deductions to cover pending third-party claims and liquidated damages against CONTRACTOR.

14.17 CONTRACTOR'S CONTINUING OBLIGATION - CONTRACTOR's obligation to perform and complete the WORK in accordance with the Contract Documents shall be absolute. Neither recommendation of any progress or Final Payment by CONSTRUCTION MANAGER,

nor the issuance of a Notice of Completion, nor any payment by OWNER to CONTRACTOR under the Contract Documents, nor any use or occupancy of the WORK or any part thereof by OWNER, nor any act of acceptance by OWNER nor any failure to do so, nor any review of a Shop Drawing or sample submittal, will constitute an acceptance of work not in accordance with the Contract Documents or a release of CONTRACTOR's obligation to perform the WORK in accordance with the Contract Documents.

14.18 TERMINATION OF LIABILITY OF OWNER - The acceptance by CONTRACTOR of final payment referred to in Article 14 herein, shall be a release of OWNER and CONSTRUCTION MANAGER from all claims of liability to CONTRACTOR for anything done or furnished for, or relating to, the WORK or for any act or neglect of OWNER or of any person relating to or affecting the WORK, except demands against OWNER for the remainder, if any, of the amounts kept or retained under the provisions of Article 14 herein; and excepting pending, unresolved claims renewed with the final Application for Payment.

ARTICLE 15 -- SUSPENSION OF WORK AND TERMINATION

15.1 SUSPENSION OF WORK BY OWNER - OWNER, acting through CONSTRUCTION MANAGER, may, at any time and without cause, suspend the WORK or any portion thereof for a period of not more than ninety (90) Days by notice in writing to CONTRACTOR. CONTRACTOR shall resume the WORK on receipt from CONSTRUCTION MANAGER of a notice of resumption of WORK. CONTRACTOR may submit a request for a change in the Contract Price or of the Contract Time, or both, directly attributable to the suspension as provided in Articles 11 and 12.

15.2 ARCHAEOLOGICAL AND PALEONTOLOGICAL DISCOVERIES

15.2.1 If a discovery is made of an archaeological or paleontological interest, CONTRACTOR shall immediately cease operations in the area of the discovery and shall not continue until ordered by CONSTRUCTION MANAGER. This suspension of work may exceed the ninety (90) Day limit without creating a CONTRACTOR right to terminate the Agreement. When resumed, operations within the area of the discovery shall be as directed by CONSTRUCTION MANAGER.

15.2.2 Discoveries which may be encountered may include, but not be limited to, dwelling sites, stone implements or other artifacts, animal bones, human bones, fossils or any item with culturally significance.

15.2.3 CONTRACTOR shall be entitled to an extension of time and compensation in accordance with the provisions of the Contract Documents.

15.3 TERMINATION OF AGREEMENT BY OWNER FOR CAUSE

15.3.1 In the event of default by CONTRACTOR, OWNER shall give fourteen (14) Days written notice to CONTRACTOR of OWNER's intent to terminate the Agreement and provide CONTRACTOR opportunity to remedy the conditions constituting the default.

15.3.2 CONTRACTOR Default - It shall be considered a default by CONTRACTOR when CONTRACTOR:

15.3.2.1 Declares bankruptcy, becomes insolvent, assigns its assets for the benefit of its creditors, or is unable to pay debts as they become due;

15.3.2.2 Fails to provide materials or workmanship meeting the requirements of the Contract Documents, and fails to correct the Defective Work as required by Article 13;

15.3.2.3 Disregards or violates provisions of the Contract Documents or CONSTRUCTION MANAGER's instructions;

15.3.2.4 Fails to prosecute the WORK according to the approved progress schedule;

15.3.2.5 Fails to provide a qualified superintendent, competent workers or materials or equipment meeting the requirements of the Contract Documents;

15.3.2.6 Fails to maintain license or insurance.

15.3.3 If CONTRACTOR fails to remedy the conditions constituting default within the time allowed, OWNER may then issue the notice of termination.

15.3.4 In the event the Agreement is terminated in accordance with Article 15, OWNER may take possession of the WORK and may complete the WORK by whatever method or means OWNER may select. The cost of completing the WORK shall be deducted from the balance which would have been due CONTRACTOR had the Agreement not been terminated and the WORK completed in accordance with the Contract Documents. If such cost exceeds the balance which would have been due, CONTRACTOR shall pay the excess amount to OWNER. If such cost is less than the balance which would have been due, CONTRACTOR shall not have claim to the difference.

15.4 RIGHTS OF OWNER PRESERVED - Where CONTRACTOR's services have been so terminated by OWNER, the termination will not affect any rights or remedies of OWNER against CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of monies due CONTRACTOR by OWNER will not release CONTRACTOR from liability.

15.5 TERMINATION BY OWNER FOR JUST CAUSE - OWNER may terminate the Contract for just cause at its own discretion or when conditions encountered during the WORK make it impossible or impractical to proceed, or when OWNER is prevented from proceeding with the Agreement by act of God, by law or by official action of a public authority.

15.5.1 Termination for Convenience of OWNER

15.5.1.1 Termination of CONTRACTOR's Performance of WORK - OWNER may terminate, subject to the express terms and conditions set forth below, CONTRACTOR's performance of work under this Agreement, in whole or, from time to time, in part, if OWNER's City Council does not appropriate sufficient monies to fund the Agreement. The City Manager shall terminate

on behalf of OWNER by delivering to CONTRACTOR a notice of termination, in writing, specifying the extent of termination and the effective date

15.5.1.2 Notice of Termination - After receipt of the notice of termination, and except as otherwise directed by OWNER's City Manager, CONTRACTOR shall immediately proceed as follows:

15.5.1.2.1 Stop WORK immediately or as specified in the notice;

15.5.1.2.2 Immediately place no further subcontracts for materials, services or facilities, except as necessary to complete any authorized, continued portion of the Agreement;

15.5.1.2.3 Immediately terminate all subcontracts to the extent they relate to the WORK terminated;

15.5.1.2.4 With approval by OWNER's City Manager, settle all outstanding obligations arising from the termination of subcontracts, the approval of which will be final for purposes of this clause;

15.5.1.2.5 As directed by OWNER's City Manager, transfer the title and deliver to OWNER, completed or partially completed drawings, plans, calculations, Specifications and any other documents and records that, if the Agreement has been completed, would be required to be furnished to OWNER;

15.5.1.2.6 Complete performance of the WORK not terminated;

15.5.1.2.7 Take any action that may be necessary, or that OWNER's City Manager may direct, for the protection and preservation of the property related to the Contract Documents that is in the possession of CONTRACTOR and in which OWNER has or may acquire an interest.

15.5.1.3 Removal of CITY Property - CONTRACTOR may request OWNER to remove OWNER's property or enter into an agreement for its storage. Within sixty (60) Days, OWNER will accept title of property and remove it or enter into a storage agreement.

15.5.1.4 Termination Settlement - After termination, CONTRACTOR shall submit a final termination settlement proposal to OWNER's City Manager in the form and with the certification prescribed by OWNER's City Manager. CONTRACTOR shall submit the proposal promptly, but not later than six (6) months from the effective date of termination, unless extended in writing, by OWNER's City Manager upon written request of CONTRACTOR within this six (6) month period. However, if OWNER's City Manager determines that the facts justify it, a termination settlement proposal may be received and acted on after six (6) months or any extension. If CONTRACTOR fails to submit the proposal within the time allowed, OWNER may, in good faith, determine, on the basis of information available, the fair and reasonable amount, if any, due CONTRACTOR as a result of the termination and pay the amount determined. If CONTRACTOR does not agree that the amount determined by OWNER's City Manager is fair and reasonable, and if CONTRACTOR gives notice of such disagreement to OWNER in accordance with this

paragraph of the Agreement within thirty (30) Days of receipt of payment, then the amount due shall be as fixed in a court of law.

15.5.1.5 Payment for CONTRACTOR Due to Termination - Subject to the above paragraph, CONTRACTOR and OWNER's City Manager may agree upon the whole or any part of the amount to be paid because of the termination. The amount may include a reasonable allowance for profit on work done. However, the agreed amount, exclusive of costs shown in Paragraph 15.5.1.6.3 below, may not exceed the total dollar amount authorized by OWNER as reduced by (1) the amount of payments previously made; and (2) the Contract Price of work not terminated. The Contract Documents shall be amended, and CONTRACTOR paid the agreed amount. The paragraph below shall not limit, restrict or affect the amount that may be agreed upon to be paid under this paragraph.

15.5.1.6 Failure to Agree on Payment - If CONTRACTOR and OWNER fail to agree on the whole amount to be paid because of the termination of WORK, OWNER shall pay CONTRACTOR the fair and reasonable amounts determined in good faith by OWNER as follows, but without duplication of any amounts agreed above:

15.5.1.6.1 The Contract Price for completed services accepted by OWNER not previously paid for, adjusted for any saving of freight and other charges.

15.5.1.6.2 The total of:

15.5.1.6.2.1 The costs incurred in the performance of the WORK terminated, including initial costs and preparatory expense allocable thereto, but excluding any costs' attributable to services paid or to be paid under Paragraph 15.5.1.6;

15.5.1.6.2.2 The fair and reasonable cost of settling and paying termination settlement proposals under terminated subcontracts that are properly chargeable to the terminated portion of the Agreement if not included in paragraph above; and

15.5.1.6.2.3 A sum, as profit on the above paragraph determined by OWNER's City Manager to be fair and reasonable under the circumstances; however, if it appears that CONTRACTOR would have sustained a loss on the entire Agreement had it been completed, OWNER shall allow no profit under this paragraph and shall reduce the settlement to reflect the indicated rate of loss.

15.5.1.6.3 The reasonable costs of settlement of the WORK terminated, including:

15.5.1.6.3.1 Accounting, legal, clerical and other expenses reasonably necessary for the preparation of termination of settlement proposals and supporting data;

15.5.1.6.3.2 The termination and settlement of subcontracts (excluding the amounts of such settlements); and

15.5.1.6.3.3 Storage, transportation and other costs incurred, reasonable necessary for the preservation, protection or disposition of property in which OWNER has or may acquire an interest.

15.5.1.7 Dispute of Payment - If CONTRACTOR does not agree that the amount determined by OWNER's City Manager under the paragraph above is fair and reasonable and if CONTRACTOR gives notice of such disagreement to OWNER in accordance with Paragraph 15.5.1.4 of this Contract within thirty (30) Days of receipt of payment, then the amount due shall be as determined in a court of law.

15.5.1.8 Payment for Property Destroyed, Lost Stolen or Damaged - Except to the extent that OWNER expressly assumed the risk of loss, OWNER's City Manager shall exclude from the amounts payable to CONTRACTOR under Paragraph 15.5.1.6 above, the fair value, as determined by OWNER's City Manager, of property that is destroyed, lost, stolen or damaged so as to become undeliverable to OWNER.

15.5.1.9 Determination of Amount Due CONTRACTOR - In arriving at the amount due CONTRACTOR under this clause, there shall be deducted:

15.5.1.9.1 All unliquidated advance or other payments to CONTRACTOR under the terminated portion of this Agreement;

15.5.1.9.2 Any claim which OWNER has against CONTRACTOR under this Agreement; and

15.5.1.9.3 The agreed price for, or the proceeds of sale of, materials, supplies or other things acquired by CONTRACTOR or sold under the provisions of this clause and not recovered by or credited to OWNER.

15.5.2 Partial Termination - If the termination is partial, CONTRACTOR may file a proposal with OWNER's City Manager for an equitable adjustment of the price(s) of the continued portion of the Agreement. OWNER shall make any equitable adjustment agreed upon. Any proposal by CONTRACTOR for an equitable adjustment under this clause shall be requested within ninety (90) Days from the effective date of termination unless extended, in writing, by OWNER's City Manager.

15.5.2.1 Partial Termination Payment - OWNER may, under the terms and conditions it prescribes, make partial payment and payments against costs incurred by CONTRACTOR for the terminated portion of the Agreement if OWNER's City Manager believes the total of these payments will not exceed the amount to which CONTRACTOR will be entitled. If the total payments exceed amount finally determined to be due, CONTRACTOR shall repay the excess to OWNER upon demand, together with interest. Interest shall be at a rate of six (6) percent per annum compounded daily and shall be computed for the period from the date the excess payment is received by CONTRACTOR to the date the excess is repaid. Interest shall not be charged on any excess payment due to a reduction in CONTRACTOR's termination settlement proposal because of retention or disposition, or a later date determined by OWNER's City Manager because of the circumstances.

15.5.5.3 Records and Documents Relating to Termination - Unless otherwise provided in the Agreement or by statute, CONTRACTOR shall maintain all records and documents relating to the terminated portion of this Agreement for three (3) years after final settlement. This includes all books and other evidence bearing on CONTRACTOR's costs and expenses under this Agreement. CONTRACTOR shall make these records and documents available to OWNER, at CONTRACTOR's office, at all reasonable times, without any direct charge. If approved by OWNER's City Manager, photographs, microphotographs or other authentic reproductions may be maintained instead of original records and documents.

15.6 TERMINATION OF AGREEMENT BY CONTRACTOR - CONTRACTOR may terminate the Agreement upon ten (10) Days written notice to OWNER, whenever:

15.6.1 the WORK has been suspended under the provisions of Article 15, for more than ninety (90) consecutive Days through no fault or negligence of CONTRACTOR, and notice to resume work or to terminate the Agreement has not been received from OWNER within this time period; or,

15.6.2 OWNER should fail to pay CONTRACTOR any monies due him in accordance with the terms of the Contract Documents and within ninety (90) Days after presentation to CONSTRUCTION MANAGER by CONTRACTOR of a request therefor, unless within said ten (10) Day period OWNER shall have remedied the condition upon which the payment delay was based.

15.6.3 In the event of such termination, CONTRACTOR shall have no claims against OWNER except for those claims specifically enumerated in Article 15, herein, and as determined in accordance with the requirements of said paragraph.

ARTICLE 16 - DISPUTES

16.1 GENERAL - All claims, counterclaims, disputes and other matters in question arising under, or relating to, the Contract Documents and/or the breach thereof shall be processed in accordance with the provisions of this Article and are subject to audit by OWNER's internal audit staff in accordance with Article 17.

16.2 REQUESTS FOR CHANGE

16.2.1 CONTRACTOR's Right To Request a Change - In accordance with Articles 11 and 12, CONTRACTOR may request a change in the Contract Price or an extension of the Contract Time. Such a request shall be in writing, and shall be delivered to CONSTRUCTION MANAGER within the time periods outlined in Articles 11 and 12.

16.2.2 Initial Determination - CONSTRUCTION MANAGER shall make an initial determination on CONTRACTOR's request in writing, within twenty (20) working Days of receipt of the requested supporting data.

16.2.3 CONTRACTOR Appeal and Claim - Should CONTRACTOR disagree with CONSTRUCTION MANAGER's initial determination, CONTRACTOR may file a Claim requesting a final determination from CONSTRUCTION MANAGER. Such a request shall be in writing, and shall be delivered within twenty (20) working Days after receipt of CONSTRUCTION MANAGER's initial determination, and after certifying his Claim in accordance with Paragraph 16.3.

16.2.4 Waiver Of Rights - Failure of CONTRACTOR to notify CONSTRUCTION MANAGER and deliver supporting data in accordance with the time periods outlined above or failure to respond to CONSTRUCTION MANAGER's initial determination within the time period outlined in this paragraph, shall be deemed to be a waiver of objection or right to further Claim of this matter.

16.3 CLAIMS

16.3.1 Claims shall be processed pursuant to the provisions oe Section 9204, attached and incorporated as if fully set forth herein

.

16.5 VENUE

16.5.1 State of California - CONTRACTOR, and any Subcontractor, Supplier and any other person or organization performing any part of WORK, agree that each of them will waive jurisdiction and venue and shall submit to the jurisdiction of the courts of the State of California, regardless of residence or domicile, with respect to any actions or suits at law or in equity arising under or related to the bidding, award or performance of the WORK.

16.5.2 County Where OWNER's Headquarters Located - CONTRACTOR, Subcontractor, Supplier or any other person or organization shall not commence any action, other than those in the State of California in the county where OWNER's Headquarters are located, against OWNER and CONSTRUCTION MANAGER or any of their consultants, and/or any of their respective directors, officers, employees, representatives or agents, with regard to any matter whatsoever arising out of or relating to the validity, construction, interpretation or reinforcement of the Agreement.

ARTICLE 17 -- MISCELLANEOUS

17.1 GIVING NOTICE - Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

17.2 CUMULATIVE REMEDIES - The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon CONTRACTOR

by the General Conditions and all of the rights and remedies available to OWNER and CONSTRUCTION MANAGER thereunder are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by laws or regulations, by special warranty or guarantee or by other provisions of the Contract Documents, and the provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right and remedy to which they apply.

17.3 PROFESSIONAL FEES AND COURT COSTS INCLUDED - Whenever reference is made to claims, costs, losses and damages, it shall include in each case, but not be limited to, all fees and charges of engineers, architects and other professionals and all court or arbitration or other dispute resolution costs. Attorneys' fees are specifically excluded and shall be the responsibility of each party.

17.4 RIGHT TO AUDIT

17.4.1 Owner's Right - If CONTRACTOR submits a Claim or a time and material Change Order to OWNER for additional compensation, OWNER shall have the right, as a condition to considering the Claim, and as a basis for evaluation of the Claim, and until the Claim has been settled, to audit CONTRACTOR's books to the extent they are relevant.

17.4.2 Right Includes - This right shall include the right to examine books, records, documents and other evidence and accounting procedures and practices, sufficient to discover and verify all direct and indirect costs of whatever nature claimed to have been incurred or anticipated to be incurred and for which the claim has been submitted.

17.4.3 Right To Inspect Plans - The right to audit shall include the right to inspect CONTRACTOR's plans, or such parts thereof, as may be or have been engaged in the performance of the WORK.

17.4.4 CONTRACTOR further agrees that the right to audit encompasses all subcontracts and is binding upon Subcontractors. The rights to examine and inspect herein provided for shall be exercisable through such representatives as OWNER deems desirable during CONTRACTOR's normal business hours at the office of CONTRACTOR.

17.4.5 Accounting Records - CONTRACTOR shall make available to OWNER for auditing, all relevant accounting records and documents, and other financial data, and upon request, shall submit true copies of requested records to OWNER.

17.5 ALL LEGAL PROVISIONS INCLUDED - All provisions of law required to be inserted in the Agreement or Contract Documents shall be and are inserted herein. If through mistake, neglect, oversight or otherwise, any such provision is not herein inserted or inserted in improper form, upon the application of either party, the Agreement or Contract Documents shall be changed by OWNER, at no increase in Contract Price or extension in Contract Time, so as to strictly comply with the law and without prejudice to the rights of either party hereunder.

17.6 NO CONFLICT WITH LAWS OR REGULATIONS

17.6.1 The duties, obligations, criteria or procedure imposed by these General Conditions and the rights and remedies made available are in addition to, and are not to be construed in any way as a limitation of any rights and remedies available to any or all of them which are otherwise imposed or available by laws or regulations, except that in the event that a specific part or detailed requirement of a provision, criterion or procedure in these General Conditions and a specific part or detailed requirement of a provision, criterion or procedure imposed or available by laws or regulations are in conflict, the specific part or detailed requirement of such provision, criterion or procedure imposed or available by laws or regulations in conflict shall govern. All other specific parts or detailed requirements in the provisions, criteria or procedures of the applicable laws or regulations and these General Conditions not in conflict shall remain in full force and effect and be read with the controlling specific part or detailed requirement.

17.6.2 The provisions of paragraph 17.6 will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right and remedy to which they apply.

- END OF GENERAL CONDITIONS –

SUPPLEMENTARY GENERAL CONDITIONS

SUPPLEMENTARY GENERAL CONDITIONS

GENERAL

These Supplementary General Conditions make additions, deletions or revisions to the General Conditions as indicated herein. All provisions which are not so added, deleted or revised remain in full force and effect. Terms used in these Supplementary General Conditions which are defined in the General Conditions have the meanings assigned to them in the General Conditions.

SGC-1 DEFINITIONS

Apparent Low Bidder - The Bidder whose Bid, having been publicly opened and read aloud, meets all the material requirements of the Bidding Documents, OWNER deems responsible in accordance with the OWNER's municipal code, and whose Bid price is the lowest received

SGC-2.4.1 TIME OF COMPLETION - The WORK must be completed within **180**Calendar Days after the commencement date stated in the Notice to Proceed**.**

SGC-5.1 PERFORMANCE AND OTHER BOND AMOUNTS

CONTRACTOR shall furnish a satisfactory Performance Bond in the amount of one hundred (100) percent of the Contract Price and a satisfactory Payment Bond in the amount of one hundred (100) percent of the Contract Price.

SGC-5.2.2 CONTRACTOR shall provide the types and amounts of insurance as set out in the Agreement.

SCG-5.2.3 CONTRACTOR shall provide the indemnification set out in the Agreement.

SGC-6.18 SAFETY

SGC-6.18.3 CONTRACTOR shall provide a qualified on-site health and Safety representative, accepted by CONSTRUCTION MANAGER, with the authority to enforce all of the Safety requirements of CONTRACTOR's health and Safety program, including implementation of CONTRACTOR's injury and illness prevention program. CONSTRUCTION MANAGER will make a risk-based decision as to the qualification level of CONTRACTOR's Safety representative. During periods of active construction (i.e., excluding weekends, weather delays or other periods of work inactivity), CONTRACTOR must have a designated representative on the construction worksite who is knowledgeable of the Project's hazards and has full authority to act on behalf of CONTRACTOR. CONTRACTOR's designated representative must make frequent and regular inspections of the construction worksite to identify and correct any instances of noncompliance with the Project health and Safety requirements.

SGC-6.5 SUBCONTRACT LIMITATIONS

In addition to the provisions of Paragraph 6.5 of the General Conditions, CONTRACTOR shall perform not less than twenty (20) percent of the WORK with its own forces (i.e., without subcontracting). The twenty (20) percent requirement shall be understood to refer to the WORK, the value of which totals not less than twenty (20) percent of the Contract Price.

SGC-11.3.4 EQUIPMENT RENTAL RATES

CONTRACTOR will be paid for the use of equipment at the rental rate listed for such equipment specified in the current edition of the following reference publication:

A. "Rental Rate Blue Book" as published by Dataquest (a company of the Dunn and Bradstreet Corporation), 1290 Ridder Park Drive, San Jose, CA 95131, telephone number (408) 437-8000 or outside of California (800) 669-3282

SGC-12.5 INCLEMENT WEATHER DELAYS

CONTRACTOR's construction schedule shall be based upon the inclusion of five (5) Days of inclement weather delays.

An inclement weather delay is defined as a delay caused by inclement weather which prevents CONTRACTOR from working on the controlling item in CONTRACTOR's construction schedule. Should CONTRACTOR experience inclement weather delays over the course of contract duration in excess of the number of Days outlined above, CONTRACTOR shall be granted a time extension in accordance with the provisions outlined in Article 12 of the General Conditions. The time extension shall be based on the number of inclement weather Days in excess of the number of Days outlined above.

- END OF SUPPLEMENTARY GENERAL CONDITIONS -

Project Manual

City of El Centro
Valley Center Point Plaza
1198 N. Imperial Ave.
El Centro, CA 92243

Technical Specifications

January 31, 2025
NEI Project No. 022-0199



Signed: 11/12/2024

Architecture West 1851 W. 24th Street, Suite 101, Yuma, AZ 85364
Phone: (928) 344-8374 Fax: (928) 726-6994 www.neiaw.com

EL CENTRO VALLEY CENTER POINT PLAZA

TABLE OF CONTENTS

DIVISION 01 – GENERAL REQUIREMENTS

SECTION 01 01 07 SEALS AND SIGNATURES
SECTION 01 10 00 SUMMARY
SECTION 01 23 00 ALTERNATES
SECTION 01 26 13 REQUESTS FOR INTERPRETATION
SECTION 01 30 00 ADMINISTRATIVE REQUIREMENTS
SECTION 01 40 00 QUALITY REQUIREMENTS
SECTION 01 42 16 DEFINITIONS
SECTION 01 50 00 TEMPORARY FACILITIES AND CONTROLS
SECTION 01 60 00 PRODUCT REQUIREMENTS
SECTION 01 70 00 EXECUTION AND CLOSEOUT REQUIREMENTS
SECTION 01 78 00 CLOSEOUT SUBMITTALS

DIVISION 02 – EXISTING CONDITIONS

SECTION 02 41 00 DEMOLITION
SECTION 02 41 16 STRUCTURE DEMOLITION
SECTION 02 82 33 REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING MATERIALS

DIVISION 03 – CONCRETE

SECTION 03 30 00 CAST-IN-PLACE CONCRETE

DIVISION 04 – MASONRY

SECTION 04 20 00 UNIT MASONRY

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

SECTION 07 92 00 JOINT SEALANTS

DIVISION 08 – OPENINGS

SECTION 08 11 13 HOLLOW METAL DOORS AND FRAMES
SECTION 08 14 16 FLUSH WOOD DOORS
SECTION 08 71 00 DOOR HARDWARE

DIVISION 09 – FINISHES

SECTION 09 21 16 GYPSUM BOARD ASSEMBLIES
SECTION 09 22 16 NON-STRUCTURAL METAL FRAMING
SECTION 09 24 00 CEMENT PLASTERING
SECTION 09 30 00 TILING
SECTION 09 51 00 ACOUSTICAL CEILINGS

SECTION 09 65 00 RESILIENT FLOORING
SECTION 09 67 00 FLUID APPLIED FLOORING
SECTION 09 68 13 TILE CARPETING
SECTION 09 91 13 EXTERIOR PAINTING
SECTION 09 91 23 INTERIOR PAINTING

DIVISION 10 – SPECIALTIES
SECTION 10 14 19 DIMENSIONAL LETTER SIGNAGE

DIVISION 22 – PLUMBING
SECTION 22 11 16 DOMESTIC WATER PIPING
SECTION 22 11 19 DOMESTIC WATER PIPE SPECIALTIES

DIVISION 26 – ELECTRICAL
SECTION 02 41 26 SELECTIVE ELECTRICAL DEMOLITION
SECTION 26 05 00 BASIC ELECTRICAL REQUIREMENTS
SECTION 26 05 03 EQUIPMENT WIRING CONNECTIONS
SECTION 26 05 19 LOW VOLTAGE ELECTRICAL POWER CONDUCTERS & CABLES
SECTION 26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
SECTION 26 05 29 FIRESTOPPING, HANGERS & SUPPORTS FOR ELECTRICAL SYSTEMS
SECTION 26 05 33 RACEWAYS & BOXES FOR ELECTRICAL SYSTEMS
SECTION 26 05 53 IDENTIFICATION FOR ELECTRICAL SYSTEMS
SECTION 26 24 13 SWITCHBOARDS
SECTION 26 27 26 WIRING DEVICES
SECTION 26 51 00 INTERIOR LIGHTING

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY
SECTION 28 31 00 FIRE DETECTION & ALARM

DIVISION 31 – EARTHWORK
SECTION 31 10 00 SITE CLEARING
SECTION 31 20 00 EARTH MOVING
SECTION 31 23 33 TRENCHING AND BACKFILLING

DIVISION 32 – EXTERIOR IMPROVEMENTS
SECTION 32 11 00 BASE COURSE
SECTION 32 13 00 RIGID PAVING
SECTION 32 13 73 CONCRETE PAVING JOINT SEALANT
SECTION 32 17 00 PAVING SPECIALTIES

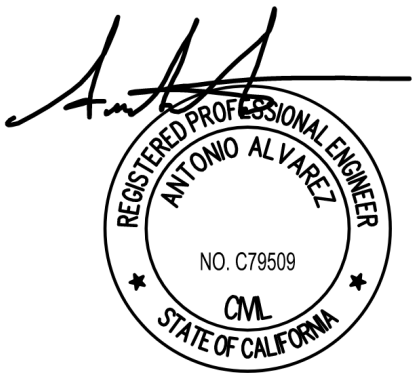
DIVISION 33 – UTILITIES

SECTION 33 10 00 WATER UTILITIES
SECTION 33 30 00 SANITARY SEWER UTILITIES

END OF SECTION

SECTION 00 01 07

SEALS AND SIGNATURES

	I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and that I am a dully registered engineer under the laws of the State of California. Name: Antonio Alvarez, P.E. My license renewal date is: Date: 3/31/2026 Pages or sheets covered by this seal: City of El Centro Valley Center Point Plaza Civil Sheets & Specifications Section: 00 01 07 thru 33 30 00

END OF SECTION

SECTION 01 10 00

SUMMARY

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:

1. Project information.
2. Work covered by Contract Documents.
3. Access to site.
4. Work restrictions.
5. Specification and drawing conventions

B. Related Requirements:

1. Construction Yard Lay Down Area: coordinate with the City of El Centro.

1.02 PROJECT INFORMATION

A. Project Identification: City of El Centro Valley Center Point Plaza Demolition

1. Project Location: 1198 N. Imperial Ave., El Centro, CA 92243

B. Owner: City of El Centro, California.

1. Owner's Representative: _____

C. Architect: Nicklaus Engineering Inc.

D. Engineer: Nicklaus Engineering Inc.

1.03 WORK COVERED BY CONTRACT DOCUMENTS

A. Work for the Project is defined by the Contract Documents and consists of the following:

1. Building demolition, site improvements, utilities, building, mechanical, electrical, plumbing, security systems rough in, fixtures, and equipment as indicated on plans and specifications.

B. Type of Contract.

1. Project will be constructed under a Design-Bid-Build contract.

1.04 ACCESS TO SITE

A. General: Contractor shall have full use of the Project Site for construction operations during the construction period. Contractor's use of Project Site is limited only by Owner's right to perform work or to retain other contractors on portions of the Project.

1.05 WORK RESTRICTIONS

A. Refer to specifications for Project Site specific requirements.

1. Work Restriction, General:

a. Comply with restrictions on construction operations; with limitations on use of public streets; and with other requirements of authorities having jurisdiction.

2. On-Site Work Hours: Limit work to normal business working hours as indicated or restricted by the City of El Centro.

3. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:

a. Notify Owner not less than two (2) days in advance of proposed utility interruptions.

4. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise, vibration, odors, or other disruption with Owner and adjacent property owners.

a. Notify Owner not less than two (2) days in advance of proposed disruptive operations.

5. Nonsmoking Building: Smoking is not permitted within the building or within 25 feet of entrances, operable windows, or outdoor-air intakes.

6. Controlled Substances: Use of tobacco products and other controlled substances on Project site is not permitted.

1.06 SPECIFICATION AND DRAWING CONVENTIONS

A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. The conventions are as follows:

1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.

2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.

B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.

C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:

1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.

2. Abbreviations: Materials and products are identified by abbreviations published as part of the U.S. National CAD Standards and scheduled on Drawings.

3. Keynoting: Materials and products are identified by reference keynotes referencing products or systems found in the Project Manual.

PART 2 - PRODUCTS

NOT USED

PART 3 - EXECUTION

NOT USED

END OF SECTION

SECTION 012300
ALTERNATES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Description of Alternates.

B. Procedures for pricing Alternates.

C. Documentation of changes to Contract Price and Contract Time.

1.02 ACCEPTANCE OF ALTERNATES

A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.

B. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.03 SCHEDULE OF ALTERNATES

A. Base Bid:
   1. Demolish existing building structures down to building slab including remediation.
   2. Perform site improvements excluding utility work to vacant tenant space.
   3. Install CMU infill in Charter School building including the stucco finish to entire wall to create a water tight envelope.

B. Alternate No. 1:
   1. Demolish the remaining building slab per detail 4/A6.0.

C. Alternate No. 2:
   1. Perform site improvements and utility work related to vacant tenant space in Charter School building.
   2. Perform improvements within Charter School building including remediation.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 01 26 13
REQUESTS FOR INTERPRETATION

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes: Administrative requirements for requests for information/interpretation.

1.02 DEFINITIONS

A. Request for Information/Interpretation (RFI):
   1. A document submitted by the Contractor requesting clarification of a portion of the Contract Documents, hereinafter referred to as RFI.
   2. A properly prepared request for information / interpretation shall include a detailed written statement that indicates the specific Drawings or Specification in need of clarification and the nature of the clarification requested.
      a. Drawings shall be identified by drawing number and location on the drawing sheet.
      b. Specifications shall be identified by Section number, page and paragraph.
   3. Requests for Information: Request made by Contractor concerning items not indicated on drawings or contained in Project Manual that is required to properly perform the work.
   4. Requests for Interpretation: Request made by Contractor in accordance with Owner's Representative's third party obligations to the contract for construction.

B. Improper RFI's:
   1. RFI's that are not properly prepared.
   2. Improper RFI's will be processed by the Architect at the Architect's standard hourly rate and Architect will charge the Owner, and such costs will be deducted from monies still due the Contractor. The Contractor will be notified by the Architect prior to the processing of improper RFI's.

C. Frivolous RFI's:
   1. RFI's that request information that is clearly shown on the Contract Documents.
   2. Frivolous RFI's may be returned unanswered or may be processed by the Architect at the Architect's standard hourly rate and Architect will charge the Owner, and such costs will be deducted from monies still due the Contractor. The Contractor will be notified by the Architect prior to the processing of frivolous RFI's.

1.03 CONTRACTOR'S REQUESTS FOR INFORMATION

A. RFI's shall be submitted on a form prepared by the Contractor acceptable to the Architect.
   1. Forms shall be completely filled in, and if prepared by hand, shall be fully legible after photocopying or transmission by facsimile (fax).
   2. RFI's shall be submitted in numerical order with no breaks in the consecutive numbering.
   3. Each page of attachments to RFI's shall bear the RFI number and shall be consecutively numbered in chronological order.
   4. RFI's may be submitted by E-Mail.
      a. Submittal by E-Mail is the preferred method of submittal.
      b. Address for E-Mail will be distributed by the Architect at the Pre-Construction Conference.
      c. An electronic version of the RFI form will be provided upon request.

B. When the Contractor is unable to determine from the Contract Documents, the material, process or system to be installed, the Architect shall be requested to make a clarification of the indeterminate item.
   1. Wherever possible, such clarification shall be requested at the next appropriate project meeting, with the response entered into the meeting minutes. When clarification at the meeting is not possible, either because of the urgency of the need, or the complexity of the item, Contractor shall prepare and submit an RFI to the Architect.

2. RFI requesting clarification of an item required of a document known to have been prepared by a consultant to the Architect, may be sent directly to the consultant with a copy to the Architect, if this direct communication is approved by the Architect.

C. Contractor shall endeavor to keep the number of RFI's to a minimum. In the event that the process becomes unwieldy, in the opinion of the Architect, because of the number and frequency of RFI's submitted, the Architect may require the Contractor to abandon the process and submit future requests as either submittals, substitutions or requests for change.

D. RFI's shall be originated by the Contractor.
   1. RFI's from subcontractors or material suppliers shall be submitted through, reviewed by, and signed by the Contractor prior to submittal to the Architect.
   2. RFI's from subcontractors or material suppliers sent directly to the Owner's Representative, Architect or the Architect's consultants shall not be accepted and will be returned unanswered.

E. Contractor shall carefully study the Contract Documents to assure that the requested information is not available therein. RFI's which request information available in the Contract Documents will be deemed either "improper" or "frivolous" as noted above.

F. In cases where RFI's are issued to request clarification of coordination issues, for example, pipe and duct routing, clearances, specific locations of work shown diagrammatically, and similar items, the Contractor shall fully lay out a suggested solution using drawings or sketches drawn to scale, and submit same with the RFI. RFI's which fail to include a suggested solution will be returned unanswered with a requirement that the Contractor submit a complete request.

G. RFI's shall not be used for the following purposes:
   1. To request approval of submittals
   2. To request approval of substitutions,
   3. To request changes which are known to entail additional cost or credit. (A Change Order Request form shall be used.)
   4. To request different methods of performing work than those drawn and specified.

H. In the event the Contractor believes that a clarification by the Architect results in additional cost or time, Contractor shall not proceed with the work indicated by the RFI until a Change Order (or Construction Change Directive, if applicable to project) is prepared and approved. RFI's shall not automatically justify a cost increase in the work or a change in the project schedule.
   1. Answered RFI's shall not be construed as approval to perform extra work.
   2. Unanswered RFI's will be returned with a stamp or notation: Not Reviewed.

I. Contractor shall prepare and maintain a log of RFI'S, and at any time requested by the Architect, Contractor shall furnish copies of the log showing outstanding RFI'S. Contractor shall note unanswered RFI's in the log.

J. Contractor shall allow up to 5 working days review and response time for RFI'S, unless review is required of multiple consultants, then the review and response period shall be 7 working days.
   1. The Architect will endeavor to respond in a timely fashion to RFI's.
   2. RFI shall state requested date/time for response, however, this requested date/time for response is not a guarantee that the RFI will be answered by that date/time if that date/time is too expeditious

1.04 ARCHITECT'S RESPONSE TO RFI'S

A. Architect will respond to RFI's on one of the following forms:
   1. Properly prepared RFI's:
      a. Response directly upon Request for Information / Interpretation form.
      b. Architect's Supplemental Instruction.
      c. Request for Proposal.
   2. Improper or Frivolous RFI's
      a. Notification of Processing Fee(s).
      b. Unanswered RFI's will be returned with a stamp or notation: Not Reviewed.

3. Answers to properly prepared RFI's may or may not be made directly upon the RFI form as deemed appropriate by the Architect.

B. Architect may opt to retain RFI's for discussion during regularly scheduled project meetings for inclusion of responses in meeting minutes in lieu of responding on a written form.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 01 30 00
ADMINISTRATIVE REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Preconstruction meeting.

B. Progress meetings.

C. Construction progress schedule.

D. Submittals for review, information, and project closeout.

E. Submittal procedures.

F. Post construction meeting

1.02 RELATED REQUIREMENTS

A. Section 01 70 00 - Execution and Closeout Requirements: Additional coordination requirements.

B. Section 01 78 00 - Closeout Submittals: Project record documents.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 PRECONSTRUCTION MEETING

A. Owner will schedule a meeting after Notice of Award.

B. Attendance Required:
   1. Owner.
   2. Architect.
   3. Contractor.
   4. Major Subcontractors and Suppliers as required.

C. Agenda:
   1. Execution of Owner- Contractor Agreement.
   2. Submission of executed bonds and insurance certificates.
   3. Distribution of Contract Documents.
   4. Submission of list of Subcontractors, schedule of values, and progress schedule.
   5. Designation of personnel representing the parties to Contract, and Architect.
   6. NESHAP Notice Form submitted to State of CA U.S. EPA
   7. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
      a. Submittal Numbering System: In accordance with Submittal Procedures article included in this Section
      b. Applications for Payment: Must be accompanied by updated schedule in accordance with Section 01 29 00
   8. Scheduling.
   9. Site Mobilization
      a. Owner's requirements and occupancy prior to completion
      b. On-site location of stored materials
      c. Site access and parking
      d. Compliance with Owner's security requirements

D. Record minutes and distribute copies within two days after meeting to participants, with 1 copies to Architect, Owner, participants, and those affected by decisions made.

3.02 PROGRESS MEETINGS

A. Schedule and administer meetings throughout progress of the Work at maximum bi-monthly intervals.

B. Attendance Required: (as appropriate to agenda topics for each meeting)
   1. Contractor.
   2. Owner.
   3. Architect. (as needed/requested)
   4. Contractor's Superintendent.
   5. Major Subcontractors and Suppliers.

C. Agenda:
   1. Review minutes of previous meetings.
   2. Review of Work progress.
   3. Field observations, problems, and decisions.
   4. Identification of problems that impede, or will impede, planned progress.
   5. Review of submittals schedule and status of submittals.
   6. Review of off-site fabrication and delivery schedules.
   7. Maintenance of progress schedule.
   8. Corrective measures to regain projected schedules.
   9. Planned progress during succeeding work period.
   10. Coordination of projected progress.
   11. Maintenance of quality and work standards.
   12. Effect of proposed changes on progress schedule and coordination.
   13. Other business relating to Work.

D. Contractor will record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.

3.03 CONSTRUCTION PROGRESS SCHEDULE

A. Within 5 days after date established in Notice to Proceed, submit preliminary schedule.

B. If preliminary schedule requires revision after review, submit revised schedule within 5 days.

C. Within 20 days after review of preliminary schedule, submit draft of proposed complete schedule for review.

D. Within 10 days after joint review, submit complete schedule.

E. Submit updated schedule with each Application for Payment.

3.04 SUBMITTALS FOR REVIEW

A. When the following are specified in individual sections, submit them for review:
   1. Product data.
      a. Clearly indicate applicable products, materials, colors, and other information as necessary for identification. Product Data that has not been properly edited by the Contractor will be returned for resubmittal.
   2. Shop drawings.
   3. Samples for selection.
   4. Samples for verification.

B. Submit to Architect for review for the limited purpose of checking for conformance with information given and the design concept expressed in the contract documents.

C. The Architect's review shall not constitute approval of safety precautions or, unless otherwise specifically stated by Architect, or any construction means, methods, techniques, sequences, or procedures.

D. Samples will be reviewed only for aesthetic, color, or finish selection.

E. After review, provide copies and distribute in accordance with SUBMITTAL PROCEDURES article below.

3.05 SUBMITTAL PROCEDURES

A. Transmit each submittal with a copy of approved submittal form.

B. Sequentially number the transmittal form. Revise submittals with original number and a sequential alphabetic suffix. Submittals that have not been identified in accordance with these procedures will not be recognized or processed.

C. Identify Project, Contractor, Subcontractor or supplier; pertinent drawing and detail number, and specification section number, as appropriate on each copy.

D. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of Products required, field dimensions, adjacent construction Work, and coordination of information is in accordance with the requirements of the Work and Contract Documents.
   1. Submittals that do not bear the Contractor's signed stamp will not be recognized or processed.

E. Schedule submittals to expedite the Project, and coordinate submission of related items.
   1. Submit each material that requires color selection by Architect within 30 days of issuance of the Notice to Proceed. In order to coordinate finish selections Architect reserves the right to withhold review of submittals with color selections until all submittal requiring color selections are received. Upon Architect's receipt of all color materials allow 15 days for review, excluding delivery time to and from the Contractor.
   2. For each submittal review that does not involve color selections by Architect, allow 15 days excluding delivery time to and from the Contractor.

F. For each submittal for review, allow 15 days excluding delivery time to and from the Contractor.

G. Identify variations from Contract Documents and Product or system limitations that may be detrimental to successful performance of the completed Work.

H. Provide space for Contractor and Architect review stamps.

I. When revised for resubmission, identify all changes made since previous submission.

J. Distribute reviewed submittals as appropriate. Instruct parties to promptly report any inability to comply with requirements.

3.06 POST CONSTRUCTION MEETING

A. The Contractor shall attend the Post-Construction Project Meeting on the date and time as scheduled by the Owner. The Owner will schedule the meeting no later than 14 days after Contractor addresses all issues on the Project Walk-Thru Inspection List. At the Post-Construction Meeting the Contractor shall, if not already submitted, provide the following documents:

   1. Consent of Surety
   2. Contractor’s Affidavit Regarding Settlement of Claims
   3. As-Built Plans
   4. Copy of the Notice of Termination (NOT) form filed with ADEQ
   5. SWPPP Inspection Reports
   6. Project Test Reports

   All costs associated with the Pre-Construction and Post Construction Meetings shall be considered incidental to completion of the Project, and no direct payment will be made for this work.

END OF SECTION

SECTION 01 40 00
QUALITY REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Testing and inspection agencies and services.

B. Control of installation.

C. Mock-ups.

D. Manufacturers' field services.

1.02 RELATED REQUIREMENTS

A. Section 01 42 16 - Definitions.

1.03 TESTING AND INSPECTION AGENCIES AND SERVICES

A. Contractor shall conduct all quality control (QC) testing and inspection services. Contractor shall employ and pay for an independent testing agency to perform material testing and special inspections.

B. Employment of agency in no way relieves Contractor of obligation to perform Work in accordance with requirements of Contract Documents.

C. The following lists are intended as a guide to the Contractor to aid in the determining testing requirements for the project, however, the requirements specified on the drawings shall take precedence over these lists, and these lists are not to be interpreted as being complete.
   1. See Structural Sheets for requirements.
   2. The testing laboratory shall distribute copies of reports as follows:
      a. One copy to the Architect
      b. One copy to the Owner
      c. One copy to the Structural Engineer
      d. Two copies to the Contractor
      e. Code authorities or authorities having jurisdiction as required

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 CONTROL OF INSTALLATION

A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality.

B. Where Specifications require that a particular product be installed and/or applied by an Applicator approved by the Manufacturer, it is the Contractor's responsibility to ensure that Subcontractor employed for such Work is approved. Such Subcontractor(s) shall provide evidence of being approved when requested by the Architect.

C. Comply with manufacturers' instructions, including each step in sequence.

D. Should manufacturers' instructions conflict with Contract Documents, request clarification from Architect before proceeding.

E. Comply with specified standards as minimum quality for the Work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.

F. Have Work performed by persons qualified to produce required and specified quality.

G. Verify that field measurements are as indicated on shop drawings or as instructed by the manufacturer.

H. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, and disfigurement.

3.02 MOCK-UPS

A. Before installing portions of the Work where mock-ups are required, construct mock-ups in location and size indicated for each form of construction and finish required to comply with the following requirements, using materials indicated for the completed Work. The purpose of mock-up is to demonstrate the proposed range of aesthetic effects and workmanship.

B. Accepted mock-ups establish the standard of quality the Architect will use to judge the Work.

C. Notify Architect seven (7) working days in advance of dates and times when mock-ups will be constructed.

D. Tests shall be performed under provisions identified in this section and identified in the respective product specification sections.

E. Assemble and erect specified items with specified attachment and anchorage devices, flashings, seals, and finishes.

F. Accepted mock-ups shall be a comparison standard for the remaining Work.

G. Where mock-up has been accepted by Architect and is specified in product specification sections to be removed, protect mock-up throughout construction, remove mock-up and clear area when directed to do so by Architect.

3.03 TESTING AND INSPECTION

A. Contractor Responsibilities:
   1. Deliver to agency at designated location, adequate samples of materials proposed to be used that require testing, along with proposed mix designs.
   2. Notify laboratory 48 hours prior to expected time for operations requiring testing/inspection services.

B. Re-testing required because of non-conformance to specified requirements shall be performed by the same agency on instructions by Architect or Engineer.

C. Re-testing required because of non-conformance to specified requirements shall be paid for by Contractor.

3.04 MANUFACTURERS' FIELD SERVICES

A. When specified in individual specification sections, on drawings or required by manufacturer, require material or product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust and balance of equipment as applicable, and to initiate instructions when necessary.

3.05 DEFECT ASSESSMENT

A. Remove and replace Work or portions of the Work not conforming to specified requirements.

B. If, in the opinion of Architect and with approval of Project PM and City Engineer, it is not practical to remove and replace the Work, Architect will direct an appropriate remedy or adjust payment.

END OF SECTION

SECTION 01 42 16

DEFINITIONS

PART 1 GENERAL

1.01 SUMMARY

A. Other definitions are included in individual specification sections.

1.02 DEFINITIONS

A. Furnish: To supply, deliver to project site ready for installation, unload, and inspect for damage.

B. Install: To unpack, assemble, erect, apply, place, finish, cure, protect, clean, start up, and make ready for use.

C. "As shown", "as detailed", "as indicated" or words of similar import mean as indicated on the drawings.

D. "As selected", "As approved" or words of similar import mean as selected by, as approved by, or as accepted by the Architect and Owner.

E. "Approved equal", or "equal" shall mean as approved and accepted by the Architect and Owner.

F. "Shall" means mandatory

G. "As Required" means as required by the contract documents.

H. "As necessary" means essential to the completion of work.

I. "Concealed" means not visible in the finished work.

J. "Exposed" means visible in the finished work.

K. "Days" means calendar days.

L. Substantial Completion: The stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utility the Work for the intended use.

M. Project Manual: The book-sized volume that includes the procurement requirements (if any), the contracting requirements, and the specifications.

N. Provide: To furnish and install, complete and ready for intended use.

O. Supply: Same as Furnish.

P. "NIC": Not in Contract

Q. "OFCI": Owner Furnished Contractor to Install.

END OF SECTION

SECTION 01 50 00
TEMPORARY FACILITIES AND CONTROLS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Temporary utilities.

B. Temporary telecommunications services.

C. Temporary sanitary facilities.

D. Temporary Controls: Barriers, enclosures, and fencing.

E. Vehicular access and parking.

F. Waste removal facilities and services.

G. Project identification sign.

H. Field offices.

1.02 REFERENCE STANDARDS

1.03 TEMPORARY UTILITIES - SEE SECTION 01 51 00

A. Contractor is to provide and pay for all electrical power, lighting, water, heating and cooling, and ventilation required for construction purposes.

B. Use trigger-operated nozzles for water hoses, to avoid waste of water.

1.04 TELECOMMUNICATIONS SERVICES

A. Provide, maintain, and pay for telecommunications services to field office at time of project mobilization.

1.05 TEMPORARY SANITARY FACILITIES

A. Provide and maintain required facilities and enclosures. Provide at time of project mobilization.

B. New permanent facilities may not be used during construction operations.

C. Maintain daily in clean and sanitary condition.

D. At end of construction, return facilities to same or better condition as originally found.

1.06 BARRIERS

A. Provide barriers to prevent unauthorized entry to construction areas, to prevent access to areas that could be hazardous to workers or the public, to allow for owner's use of site and to protect existing facilities and adjacent properties from damage from construction operations.

B. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

1.07 FENCING

A. Construction: Commercial grade chain link fence.

B. Provide 6 foot (1.8 m) high fence around construction site; equip with vehicular and pedestrian gates with locks.

C. Locate gates for access to work areas, as required.

D. Lock gates at end of each work day.

1.08 SECURITY

A. Provide security and facilities to protect Work, existing facilities, and Owner's operations from unauthorized entry, vandalism, or theft.

1.09 STORAGE

A. Provide storage facilities as required for scope of work.

B. Locate stored materials within locked fencing area and/or within locked storage containers.

C. Coordinate location of on-site storage facilities with Owner prior to beginning of work.

D. Owner's facilities may not be used for storage.

1.10 VEHICULAR ACCESS AND PARKING

A. Comply with regulations relating to use of streets and sidewalks, access to emergency facilities, and access for emergency vehicles.

B. Coordinate access and haul routes with governing authorities and Owner.

C. Provide and maintain access to fire hydrants, free of obstructions.

D. Provide means of removing mud from vehicle wheels before entering streets.

E. Provide temporary parking areas to accommodate construction personnel. When site space is not adequate, provide additional off-site parking.

1.11 WASTE REMOVAL

A. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.

B. Provide containers with lids. Remove trash from site periodically.

C. If materials to be recycled or re-used on the project must be stored on-site, provide suitable non-combustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.

D. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

1.12 PROJECT IDENTIFICATION

A. No signs are allowed without Owner permission except those required by law.

1.13 FIELD OFFICES

A. Office: Weathertight, with lighting, electrical outlets, heating, cooling equipment, and equipped with sturdy furniture, drawing rack and drawing display table.

B. Provide space for Project meetings at site office.

C. Locate offices a minimum distance of 30 feet (10 m) from existing and new structures.

1.14 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

A. Remove temporary utilities, equipment, facilities, materials, prior to Date of Substantial Completion inspection.

B. Remove underground installations to a minimum depth of 3 feet (900 mm).

C. Clean and repair damage caused by installation or use of temporary work.

D. Restore new permanent facilities used during construction to specified condition.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 01 60 00
PRODUCT REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. General product requirements.

B. Transportation, handling, storage and protection.

C. Product option requirements.

D. Substitution limitations and procedures.

E. Procedures for Owner-supplied products.

F. Maintenance materials, including extra materials, spare parts, tools, and software.

1.02 RELATED REQUIREMENTS

A. Document 00 43 25 - Substitution Request Form.

B. Document 00 63 25 - Substitution Request Form.

C. Document 00 21 13 - Instructions to Bidders: Product options and substitution procedures prior to bid date.

D. Section 01 42 16 Definitions for applicable definitions

1.03 REFERENCE STANDARDS

A. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.04 SUBMITTALS

A. Product Data Submittals: Submit manufacturer's standard published data. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.

B. Shop Drawing Submittals: Prepared specifically for this Project; indicate utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.

C. Sample Submittals: Illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
   1. For selection from standard finishes, submit samples of the full range of the manufacturer's standard colors, textures, and patterns.

D. Indicate utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.

PART 2 PRODUCTS

2.01 NEW PRODUCTS

A. Provide new products unless specifically required or permitted by the Contract Documents.

B. DO NOT USE products having any of the following characteristics:
   1. Made using or containing CFC's or HCFC's.

C. Motors: NEMA MG 1 Type. Specific motor type as required by manufacturers.

D. Wiring Terminations: Provide terminal lugs to match branch circuit conductor quantities, sizes, and materials indicated. Size terminal lugs to NFPA 70, include lugs for terminal box.

2.02 PRODUCT OPTIONS

A. Products Specified by Reference Standards or by Description Only: Use any product meeting those standards or description.

B. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

2.03 MAINTENANCE MATERIALS

A. Furnish extra materials, spare parts, tools, and software of types and in quantities totaling 5% of installed materials.

B. Deliver to Project site; obtain receipt prior to final payment.

PART 3 EXECUTION

3.01 SUBSTITUTION PROCEDURES

A. Instructions to Bidders specifies restrictions for submitting requests for substitutions during the bidding period. Comply with requirements specified in this section.
   1. Substitution requests during the bidding period must be submitted by Bidders. Such requests must be accompanied by Bidder's letter of transmittal, signed by a person legally authorized to bind the Bidder to a Contract. Substitution requests received from others will not be considered.

B. Document each request with complete data substantiating compliance of proposed substitution with Contract Documents.

C. A request for substitution constitutes a representation that the submitter:
   1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
   2. Agrees to provide the same warranty for the substitution as for the specified product.
   3. Agrees to coordinate installation and make changes to other Work that may be required for the Work to be complete with no additional cost to Owner.
   4. Waives claims for additional costs or time extension that may subsequently become apparent.
   5. Agrees to reimburse Owner and Architect for review or redesign services associated with re-approval by authorities.

D. Substitutions will not be considered when they are indicated or implied on shop drawing or product data submittals, without separate written request, or when acceptance will require revision to the Contract Documents.

E. Architect reserves the right to reject substitutions on basis of color, pattern, compatibility, or aesthetic qualities, even though fabrication and materials are equivalent.

F. Substitution Submittal Procedure (after contract award):
   1. Submit 2 copies of request for substitution for consideration. Limit each request to one proposed substitution.
   2. Submit shop drawings, product data, and certified test results attesting to the proposed product equivalence. Burden of proof is on proposer.
   3. Architect will notify Contractor in writing of decision to accept or reject request.

3.02 OWNER-SUPPLIED PRODUCTS

A. Owner's Responsibilities:
   1. Arrange for and deliver Owner reviewed shop drawings, product data, and samples, to Contractor.
   2. Arrange and pay for product delivery to site.
   3. On delivery, inspect products jointly with Contractor.
   4. Submit claims for transportation damage and replace damaged, defective, or deficient items.
   5. Arrange for manufacturers' warranties, inspections, and service.

B. Contractor's Responsibilities:
   1. Review Owner reviewed shop drawings, product data, and samples.
   2. Receive and unload products at site; inspect for completeness or damage jointly with Owner.
   3. Handle, store, install and finish products.
   4. Repair or replace items damaged after receipt.

3.03 TRANSPORTATION AND HANDLING

A. Coordinate schedule of product delivery to designated prepared areas in order to minimize site storage time and potential damage to stored materials.

B. Transport and handle products in accordance with manufacturer's instructions.

C. Transport materials in covered trucks to prevent contamination of product and littering of surrounding areas.

D. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.

E. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage, and to minimize handling.

F. Arrange for the return of packing materials, such as wood pallets, where economically feasible.

3.04 STORAGE AND PROTECTION

A. Designate receiving/storage areas for incoming products so that they are delivered according to installation schedule and placed convenient to work area in order to minimize waste due to excessive materials handling and misapplication.

B. Store and protect products in accordance with manufacturers' instructions.

C. Store with seals and labels intact and legible.

D. Store sensitive products in weather tight, climate controlled, enclosures in an environment favorable to product.

E. For exterior storage of fabricated products, place on sloped supports above ground.

F. Protect products from damage or deterioration due to construction operations, weather, precipitation, humidity, temperature, sunlight and ultraviolet light, dirt, dust, and other contaminants.

G. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.

H. Prevent contact with material that may cause corrosion, discoloration, or staining.

I. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.

J. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

END OF SECTION

SECTION 01 70 00
EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Examination, preparation, and general installation procedures.

B. Pre-installation meetings.

C. Cutting and patching.

D. Surveying for laying out the work.

E. Starting of systems and equipment.

F. Demonstration and instruction of Owner personnel.

G. Closeout procedures, including Contractor's Correction Punch List, except payment procedures.

H. General requirements for maintenance service.

1.02 RELATED REQUIREMENTS

A. Section 01 30 00 - Administrative Requirements: Submittals procedures, Electronic document submittal service.

B. Section 01 78 00 - Closeout Submittals: Project record documents, operation and maintenance data, warranties and bonds.

1.03 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Survey work: Submit name, address, and telephone number of Surveyor before starting survey work.
   1. On request, submit documentation verifying accuracy of survey work.
   2. Submit a copy of site drawing signed by the Land Surveyor, that the elevations and locations of the work are in conformance with Contract Documents.
   3. Submit surveys and survey logs for the project record.

C. Cutting and Patching: Submit written request in advance of cutting or alteration that affects:
   1. Structural integrity of any element of Project.
   2. Integrity of weather exposed or moisture resistant element.
   3. Efficiency, maintenance, or safety of any operational element.
   4. Visual qualities of sight exposed elements.
   5. Work of Owner or separate Contractor.
   6. Include in request:
      a. Identification of Project.
      b. Location and description of affected work.
      c. Necessity for cutting or alteration.
      d. Description of proposed work and products to be used.
      e. Alternatives to cutting and patching.
      f. Effect on work of Owner or separate Contractor.
      g. Written permission of affected separate Contractor.
      h. Date and time work will be executed.

D. Project Record Documents: Accurately record actual locations of capped and active utilities.

1.04 QUALIFICATIONS

A. For survey work, employ a land surveyor registered in the State in which the Project is located and acceptable to Architect. Submit evidence of Surveyor's Errors and Omissions insurance coverage in the form of an Insurance Certificate.

1.05 PROJECT CONDITIONS

A. Provide working, 2A10 BC fire extinguishers within 25 feet of all welding activities.

B. Ventilate enclosed areas to assist cure of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases.

C. Dust Control: Execute work by methods to minimize raising dust from construction operations. Provide positive means to prevent air-borne dust from dispersing into atmosphere and over adjacent property.

D. Noise Control: Provide methods, means, and facilities to minimize noise produced by construction operations.
   1. Outdoors: Limit conduct of especially noisy exterior work to the hours of 8 am to 5 pm.

E. Rodent Control: Provide methods, means, and facilities to prevent rodents from accessing or invading premises.

F. Pollution Control: Provide methods, means, and facilities to prevent contamination of soil, water, and atmosphere from discharge of noxious, toxic substances, and pollutants produced by construction operations. Comply with federal, state, and local regulations.

1.06 COORDINATION

A. Coordinate scheduling, submittals, and work of the various sections of the Project Manual to ensure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.

B. Notify affected utility companies and comply with their requirements.

C. Verify that utility requirements and characteristics of new operating equipment are compatible with building utilities. Coordinate work of various sections having interdependent responsibilities for installing, connecting to, and placing in service, such equipment.

D. Coordinate space requirements, supports, and installation of mechanical and electrical work that are indicated diagrammatically on Drawings. Follow routing shown for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.

E. In finished areas except as otherwise indicated, conceal pipes, ducts, and wiring within the construction. Coordinate locations of fixtures and outlets with finish elements.

F. Coordinate completion and clean-up of work of separate sections.

G. After Owner occupancy of premises, coordinate access to site for correction of defective work and work not in accordance with Contract Documents, to minimize disruption of Owner's activities.

PART 2 PRODUCTS

2.01 PATCHING MATERIALS

A. New Materials: As specified in product sections; match existing products and work for patching and extending work.

B. Type and Quality of Existing Products: Determine by inspecting and testing products where necessary, referring to existing work as a standard.

C. Product Substitution: For any proposed change in materials, submit request for substitution described in Section 01 60 00 - Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Start of work means acceptance of existing conditions.

B. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.

C. Examine and verify specific conditions described in individual specification sections.

D. Take field measurements before confirming product orders or beginning fabrication, to minimize waste due to over-ordering or mis fabrication.

E. Verify that utility services are available, of the correct characteristics, and in the correct locations.

F. Prior to Cutting: Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching. After uncovering existing work, assess conditions affecting performance of work. Beginning of cutting or patching means acceptance of existing conditions.

3.02 PREPARATION

A. Clean substrate surfaces prior to applying next material or substance.

B. Seal cracks or openings of substrate prior to applying next material or substance.

C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

3.03 PREINSTALLATION MEETINGS

A. When required in individual specification sections, convene a preinstallation meeting at the site prior to commencing work of the section.

B. Require attendance of parties directly affecting, or affected by, work of the specific section.

C. Notify Architect four days in advance of meeting date.

D. Prepare agenda and preside at meeting:
   1. Review conditions of examination, preparation and installation procedures.
   2. Review coordination with related work.

E. Record minutes and distribute copies within 7 days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.

3.04 LAYING OUT THE WORK

A. Verify locations of survey control points prior to starting work.

B. Promptly notify Architect of any discrepancies discovered.

C. Protect survey control points prior to starting site work; preserve permanent reference points during construction.

D. Promptly report to Architect the loss or destruction of any reference point or relocation required because of changes in grades or other reasons.

E. Replace dislocated survey control points based on original survey control. Make no changes without prior written notice to Architect.

F. Utilize recognized engineering survey practices.

G. Establish elevations, lines and levels. Locate and lay out by instrumentation and similar appropriate means:
   1. Site improvements including pavements; stakes for grading, fill and topsoil placement; utility locations, slopes, and invert elevations.
   2. Grid or axis for structures.
   3. Building foundation, column locations, ground floor elevations.

H. Periodically verify layouts by same means.

I. Maintain a complete and accurate log of control and survey work as it progresses.

3.05 GENERAL INSTALLATION REQUIREMENTS

A. Install products as specified in individual sections, in accordance with manufacturer's instructions and recommendations, and so as to avoid waste due to necessity for replacement.

B. Make vertical elements plumb and horizontal elements level, unless otherwise indicated.

C. Install equipment and fittings plumb and level, neatly aligned with adjacent vertical and horizontal lines, unless otherwise indicated.

D. Make consistent texture on surfaces, with seamless transitions, unless otherwise indicated.

E. Make neat transitions between different surfaces, maintaining texture and appearance.

3.06 PROGRESS CLEANING

A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition.

B. Remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other closed or remote spaces, prior to enclosing the space.

C. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.

D. Collect and remove waste materials, debris, and trash/rubbish from site periodically and dispose off-site; do not burn or bury.

3.07 PROTECTION OF INSTALLED WORK

A. Protect installed work from damage by construction operations.

B. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.

C. Provide protective coverings at walls, projections, jambs, sills, and soffits of openings.

D. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.

E. Prohibit traffic or storage upon waterproofed or roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.

F. Remove protective coverings when no longer needed; reuse or recycle coverings if possible.

3.08 SYSTEM STARTUP

A. Coordinate schedule for start-up of various equipment and systems.

B. Verify that each piece of equipment or system has been checked for proper lubrication, drive rotation, belt tension, control sequence, and for conditions that may cause damage.

C. Verify tests, meter readings, and specified electrical characteristics agree with those required by the equipment or system manufacturer.

D. Verify that wiring and support components for equipment are complete and tested.

E. Execute start-up under supervision of applicable Contractor personnel and manufacturer's representative in accordance with manufacturers' instructions.

F. Submit a written report that equipment or system has been properly installed and is functioning correctly.

3.09 DEMONSTRATION AND INSTRUCTION

A. Demonstrate start-up, operation, control, adjustment, trouble-shooting, servicing, maintenance, and shutdown of each item of equipment at scheduled time, at equipment location.

B. For equipment or systems requiring seasonal operation, perform demonstration for other season within six months.

C. Provide a qualified person who is knowledgeable about the Project to perform demonstration and instruction of owner personnel.

3.10 ADJUSTING

A. Adjust operating products and equipment to ensure smooth and unhindered operation.

3.11 FINAL CLEANING

A. Execute final cleaning after Substantial Completion but before making final application for payment. Employ experienced workmen or professional cleaners for the final cleaning.
   1. Use cleaning materials that are nonhazardous.
   2. Clean interior and exterior glass, surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces.
   3. Remove all labels that are not permanent. Do not paint or otherwise cover fire test labels or nameplates on mechanical and electrical equipment.
   4. Clean equipment and fixtures to a sanitary condition with cleaning materials appropriate to the surface and material being cleaned.
   5. Clean filters of operating equipment.
   6. Clean debris from roofs, gutters, downspouts, scuppers, overflow drains, area drains, and drainage systems.
   7. Clean site; sweep paved areas, rake clean landscaped surfaces. Clean concrete walks and slabs of plaster or cement droppings, paint and other objectionable materials to present a neat, clean appearance.
   8. Remove waste, surplus materials, trash/rubbish, and construction facilities from the site; dispose of in legal manner; do not burn or bury.
   9. Remove marks, stains, fingerprints, soil and dirt from paint, stain and wall coverings.
   10. Remove spots, soil, paint and mastic from tile work and wash.
   11. Remove temporary floor protections; clean and polish floors.

B. Make building(s) ready for occupancy in every respect. Lay heavy building paper in main circulation areas to protect floor until final inspection and acceptance.

C. Existing improvements, inside or outside the property which are disturbed, damaged or destroyed by the Work under the Contract shall be restored to the condition in which they originally were, or to the satisfaction of the Owner.

3.12 CLOSEOUT PROCEDURES

A. Make submittals that are required by governing or other authorities.

B. Accompany Project Coordinator on preliminary inspection to determine items to be listed for completion or correction in the Contractor's Correction Punch List for Contractor's Notice of Substantial Completion.

C. Notify Architect when work is considered ready for Architect's Substantial Completion inspection.

D. Submit written certification containing Contractor's Correction Punch List, that Contract Documents have been reviewed, work has been inspected, and that work is complete in accordance with Contract Documents and ready for Owner’s Substantial Completion inspection.

E. Conduct Substantial Completion inspection and create Final Correction Punch List containing Owner's and Contractor's comprehensive list of items identified to be completed or corrected and submit to Owner.

F. Correct items of work listed in Final Correction Punch List and comply with requirements for access to Owner-occupied areas.

G. Notify Owner when work is considered finally complete and ready for Owner's Substantial Completion final inspection.

H. Complete items of work determined by Owner listed in executed Certificate of Substantial Completion.

3.13 MAINTENANCE

A. Deliver spare parts, tools, extra stocks of material and similar physical items to the Owner with a copy of the transmittal to the Architect. Obtain signed receipts from the Owner for all items.

B. Change over construction locks to permanent keying system. Deliver required number keys to the Owner with a copy of the transmittal to the Architect. Obtain receipts from the Owner for delivered items.

END OF SECTION

SECTION 01 78 00
CLOSEOUT SUBMITTALS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Project Record Documents.

B. Operation and Maintenance Data.

C. Warranties and bonds.

1.02 RELATED REQUIREMENTS

A. Individual Product Sections: Specific requirements for operation and maintenance data.

B. Individual Product Sections: Warranties required for specific products or Work.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 PROJECT RECORD DOCUMENTS

A. As the work progresses, the Contractor shall maintain a complete and accurate record of changes or deviations from the Contract Documents and Shop Drawings, indicating the Work as actually installed. Record information in the appropriate location on a record set of prints of the Drawings and Shop Drawings and a copy of the Specifications which are maintained solely for the purpose of this documentation. Keep this record set of Contract Documents and Shop Drawings at the project site for review by the Owner and Architect. Information contained in the record documents shall include, but not be limited to:

1. Modifications made by Addenda, Change Orders, Construction Change Directives and Architect's Supplemental Instructions which shall be transferred to the record documents.
2. Location of site underground pipes, conduits, ducts, cables and similar work, dimensioned horizontally to permanent points of reference and located vertically by indicating depth of burial. Dimensions shall be accurate within +6 inches.
3. Location of building plumbing piping, sprinkler piping, control valves, heating and air conditioning equipment, mechanical piping, ductwork, major conduit runs, power, control and alarm wiring, etc., dimensioned horizontally to permanent points of reference. Dimensions shall be accurate within 6 inches. By notation, describe the vertical location of the item such as "below slab," "above ceiling," etc.
4. Modifications made to accommodate field conditions.
5. Location and function of mechanical and electrical control devices and shut-off valves.
6. Revise Drawings and panel schedules to show final circuiting of electrical fixtures and equipment.

B. The Architect will provide the Contractor with a full size set of bond drawings, of the complete original bidding documents, at Contractor's expense to be used as a final record set. Seals and signatures of Registrants shall be completely removed and/or permanently obscured. Contractor shall provide the following on the Drawings:

1. Changes in the Contract Documents, secured with prior approval of the Architect, recorded in a neat readable manner, in red ink, by a competent drafter. Deletions shall be made by clean cross out only. Record information in adequate size lettering and notations to be legible at half size reproduction.
2. Prior to application for final payment, transfer all changes, information, and notations made to the record prints to the final record set.

C. Upon Substantial Completion of the Work, deliver the complete set of Record Documents including final record set, Shop Drawings and annotated Specifications to the Architect for approval.

D. Owner's Manual: Prior to final payment, submit one (1) hard-back, loose-leaf binder containing the following required submittals and any others required in other Sections, suitably typed, indexed and labeled for ready reference:

1. Subcontractors, major suppliers list with companies names, addresses and telephone numbers.
2. Warranties and certifications.
3. Affidavit from general and subcontractors on use of asbestos free materials.
4. Maintenance/operation instructions and parts list.
5. List of Extra Materials supplied to Owner, signed by Owner's representative.
6. Other items required by the Specifications.
7. Electronic copy of documents on CD and/or DVD.

E. Ensure entries are complete and accurate, enabling future reference by Owner.

F. Store record documents separate from documents used for construction.

G. Record information concurrent with construction progress.

H. Specifications: Legibly mark and record at each product section description of actual products installed, including the following:
1. Changes made by Addenda and modifications.

I. Record Drawings: Legibly mark each item to record actual construction including:
1. Field changes of dimension and detail.
2. Details not on original Contract drawings.

3.02 OPERATION AND MAINTENANCE DATA

A. Initial Submittal: Submit two draft copies of Operation and Maintenance Manuals for systems and equipment, including electrical and control items, and parts lists, a minimum of 14 days prior to requesting inspection for Substantial Completion, or scheduled Substantial Completion Date, whichever is earlier.
1. Architect/Owner will review Manuals for general scope and content and return one copy of draft manuals with required action.

B. Operating instructions shall include complete operating sequence, control diagrams, description of method of operating machinery, machine serial numbers, factory order numbers, parts, tests, instruction books, suppliers phone numbers and addresses and individual equipment guarantees. Parts lists shall be complete in every respect, showing parts and part numbers for ready reference.

C. Maintenance instructions shall include a written list of required and suggested maintenance for mechanical, plumbing, electrical, or other equipment or features in the project. Each item shall contain a brief description of the maintenance required as well as the recommended time frame or period for the maintenance. Include lists of filter sizes for air handling equipment, indicated "washable" or "disposable" and for which unit the filter is for. Shut off valves, etc., must be clearly marked on as-constructed drawings.

D. Where available from the manufacturer, provide operating and maintenance instructions and videos on electronic media for each specific equipment item or system.

E. Assemble maintenance manual and operating instructions in hard back loose-leaf binders. Suitably label and index material for ready reference.

F. Upon substantial completion of the Project Work, submit one copy of the Operation and Maintenance Manual and Parts Lists to the Architect for approval. Upon receipt of Notice of Approval, deliver the additional copy to the Owner. Include operating and maintenance instructions and videos on electronic media.

G. Source Data: For each product or system, list names, addresses and telephone numbers of Subcontractors and suppliers, including local source of supplies and replacement parts.

H. Product Data: Mark each sheet to clearly identify specific products and component parts, and data applicable to installation. Delete inapplicable information.

I. Drawings: Supplement product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Do not use Project Record Documents as maintenance drawings.

J. Typed Text: As required to supplement product data. Provide logical sequence of instructions for each procedure, incorporating manufacturer's instructions.

3.03 SPARE PARTS AND MAINTENANCE MATERIALS

A. Deliver spare parts, tools, extra stocks of material and similar physical items to the Owner with a copy of the transmittal to the Architect. Obtain signed receipts from the Owner for all items.

B. Change over construction locks to permanent keying system. Deliver required number of keys to the Owner with a copy of the transmittal to the Architect. Obtain receipts from the Owner for delivered items.

3.04 ELECTRONIC COPIES OF IMAGE DOCUMENTS

A. Upon completion provide CD or DVD disk(s) containing image copies in JPEG, PDF or other appropriate electronic format of all record and maintenance documents.

3.05 WARRANTIES AND BONDS

A. Provide duplicate, notarized copies of documents required in Section 9.10.2 of the General Conditions.

B. Submit warranties required by individual specification Sections in duplicate, assembled in durable binders with a Table of Contents.

C. The date of commencement of warranties shall be the date of Substantial Completion except as may be modified by AIA Document G-704, Certificate of Substantial Completion, or by other written agreement with the Owner.

D. Obtain warranties and bonds, executed in duplicate by responsible Subcontractors, suppliers, and manufacturers, within 10 days after completion of the applicable item of work. Except for items put into use with Owner's permission, leave date of beginning of time of warranty until Date of Substantial completion is determined.

E. Verify that documents are in proper form, contain full information, and are notarized.

F. Co-execute submittals when required.

G. Retain warranties and bonds until time specified for submittal.

END OF SECTION

SECTION 02 41 00
DEMOLITION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Building demolition excluding removal of hazardous materials and toxic substances.

B. Abandonment and removal of existing utilities and utility structures.

C. Protecting items designated to remain.

D. Removing Demolished materials.

1.02 RELATED REQUIREMENTS

A. Section 003100 - Available Project Information: Existing building survey conducted by Owner; information about known hazardous materials.

B. Section 016000 - Product Requirements: Handling and storage of items removed for salvage and relocation.

C. Section 017000 - Execution and Closeout Requirements: Project conditions; protection of bench marks, survey control points, and existing construction to remain; reinstallation of removed products; temporary bracing and shoring.

1.03 REFERENCE STANDARDS

A. NFPA 241 - Standard for Safeguarding Construction, Alteration, and Demolition Operations 2013.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Site Plan: Showing:

1. Vegetation to be protected.
2. Areas for temporary construction and field offices.
3. Areas for temporary and permanent placement of removed materials.

C. Demolition Plan: Submit demolition plan as specified by OSHA and local authorities.

1. Indicate extent of demolition, removal sequence, bracing and shoring, and location and construction of barricades and fences.
2. Identify demolition firm and submit qualifications.
3. Include a summary of safety procedures.

D. Project Record Documents: Accurately record actual locations of capped and active utilities and subsurface construction.

E. NESHAP Notice Form submitted to State of CA U.S. EPA.

1.05 QUALITY ASSURANCE

A. Demolition Firm Qualifications: Company specializing in the type of work required.

1. Minimum of 3 years of documented experience.

PART 3 EXECUTION

2.01 SCOPE

A. Remove the existing ceilings and roofing systems indicated to be demolished as indicated on drawings.

B. Remove existing mechanical and electrical equipment indicated to be demolished as indicated on drawings.

C. Remove other items indicated, for salvage, relocation and recycling.

D. Fill excavations, open pits, and holes in ground areas generated as result of removals, using specified fill; compact fill as specified in Construction Documents.

E. Rough grade and compact areas affected by demolition to accommodate subsequent construction operations as indicated in drawings.

2.02 **GENERAL PROCEDURES AND PROJECT CONDITIONS**

A. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public.

1. Obtain required permits.
2. A copy of NESHAP Notice Form submitted to State of CA U.S. EPA needs to be submitted to the City of El Centro's Building and Safety Division, prior to issuance of demolition permit.
3. Comply with applicable requirements of NFPA 241.
4. Use of explosives is not permitted.
5. Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures.
6. Provide, erect, and maintain temporary barriers and security devices.
7. Use physical barriers to prevent access to areas that could be hazardous to workers or the public.
8. Conduct operations to minimize effects on and interference with adjacent structures and occupants.
9. Do not close or obstruct roadways or sidewalks without permit.
10. Conduct operations to minimize obstruction of public and private entrances and exits; do not obstruct required exits at any time; protect persons using entrances and exits from removal operations.
11. Obtain written permission from owners of adjacent properties when demolition equipment will traverse, infringe upon or limit access to their property.

B. Do not begin removal until receipt of notification to proceed from Owner.

C. Examine existing buildings indicated to be demolished before demolition.

D. Owner assumes no responsibility for actual condition of buildings to be demolished.

E. Buildings indicated to be demolished will be vacated before start of Work.

F. Do not begin removal until vegetation to be relocated has been removed and specified measures have been taken to protect vegetation to remain.

G. Protect existing structures and other elements that are not to be removed.

1. Provide bracing and shoring.
2. Prevent movement or settlement of adjacent structures.
3. Stop work immediately if adjacent structures appear to be in danger.

H. Minimize production of dust due to demolition operations; do not use water if that will result in ice, flooding, sedimentation of public waterways or storm sewers, or other pollution.

I. If hazardous materials are discovered during removal operations, stop work and notify Architect and Owner; hazardous materials include regulated asbestos containing materials, lead, PCB's, and mercury.

J. Partial Removal of Paving and Curbs: Neatly saw cut at right angle to surface.

2.03 **EXISTING UTILITIES**

A. Coordinate work with utility companies; notify before starting work and comply with their requirements; obtain required permits.

B. Protect existing utilities to remain from damage.

C. Do not disrupt public utilities without permit from authority having jurisdiction.

D. Disconnect and cap or remove designated utilities as indicated in Documents.

E. Do not close, shut off, or disrupt existing life safety systems that are in use without at least 7 days prior written notification to Owner.

F. Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at least 3 days prior written notification to Owner.

G. Locate and mark utilities to remain; mark using highly visible tags or flags, with identification of utility type; protect from damage due to subsequent construction, using substantial barricades if necessary.

H. Remove exposed piping, valves, meters, equipment, supports, and foundations of disconnected and abandoned utilities.

2.04 **DEBRIS AND WASTE REMOVAL**

A. Remove debris, junk, and trash from site. Continuously clean up and remove demolished materials from Site, Do not allow materials to accumulate on-Site.

B. Do not burn materials on-Site.

C. Leave site in clean condition, ready for subsequent work.

D. Clean up spillage and wind-blown debris from public and private lands.

A. END OF SECTION

SECTION 02 41 16

STRUCTURE DEMOLITION

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:

1. Removing below-grade construction.

2. Disconnecting, capping or sealing, and abandoning in-place or removing site utilities.

1.02 MATERIALS OWNERSHIP

A. Unless otherwise indicated, demolition waste becomes property of Contractor.

B. Historic items, relics, antiques, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, and other items of interest or value to Owner that may be uncovered during demolition remain the property of the State.

1. Carefully salvage in a manner to prevent damage and promptly return to the State.

1.03 PREINSTALLATION MEETINGS

A. Pre-demolition Conference: Conduct conference at Project site.

1.04 FIELD CONDITIONS

A. On-site storage or sale of removed items or materials is not permitted.

B. Arrange demolition schedule so as not to interfere with on-site operations.

PART 2 - PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

B. Standards: Comply with ASSE A10.6 and NFPA 241.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify that utilities have been disconnected and capped before starting demolition operations.

3.02 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

A. Arrange to shut off utilities with utility companies.

1. If removal, relocation, or abandonment of utility services will affect adjacent occupied buildings, then provide temporary utilities that maintain continuity of service to other buildings and structures.

2. Cut off pipe or conduit a minimum of 24 inches below grade. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing according to requirements of authorities having jurisdiction.

3. Do not start demolition work until utility disconnecting and sealing have been completed and verified in writing.

3.03 PROTECTION

A. Temporary Protection: Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction and as indicated.

1. Erect a plainly visible fence around drip line of individual trees or around perimeter drip line of groups of trees to remain.

2. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

B. Remove temporary barriers and protections where hazards no longer exist. Where open excavations or other hazardous conditions remain, leave temporary barriers and protections in place.

3.04 DEMOLITION

A. General: Demolish indicated site improvements completely. Use methods required to complete the Work within limitations of governing regulations.

B. Site Access and Temporary Controls: Conduct debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

1. Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction. Provide alternate routes around closed or obstructed trafficways if required by authorities having jurisdiction.

2. Use water mist and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations.

C. Explosives: Use of explosives is not permitted.

D. Existing Utilities: Demolish existing utilities and below-grade utility structures that are within 5 feet of the footprint of planned new construction. Contractor has the option to abandon utilities outside this area unless otherwise required to demolish utilities per local utility agency requirements.

E. Site Grading: Uniformly rough grade area of demolished construction to a smooth surface, free from irregular surface changes. Provide a smooth transition between adjacent existing grades and new grades.

3.05 CLEANING

A. Remove demolition waste materials from Project site and dispose of them in an EPA-approved construction and demolition waste landfill acceptable to authorities having jurisdiction.

B. Do not burn demolished materials.

C. Clean adjacent improvements of dust, dirt, and debris caused by demolition operations. Return adjacent areas to condition existing before demolition operations began.

END OF SECTION

SECTION 02 82 33

REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING MATERIALS

PART 1 - GENERAL

1.01 SCOPE

A. This section is for removal of asbestos-containing materials (ACM) associated with the demolition of the identified buildings located at Valley Center Point Plaza, 1198 North Imperial Avenue, El Centro, California. An Asbestos, Mold, and Lead-Based Paint Survey Report was completed on October 11, 2017 and the report is provided with a listing of the asbestos containing materials located at the site. The provisions of this specification are intended to define a performance standard for the protection of workers, the State, the State's representatives and employees, and anyone who may become involved or have incidental exposure because of work being performed by the Contractor. If damaged ACMs (i.e., loose debris, delaminating or flaking material, or excessively old and decayed material) are encountered, or the procedures used by the Contractor create the potential for the release of asbestos dust, then the Contractor shall contain and clean the work area as required to complete work in a controlled manner. The Contractor will assume all dust and debris generated by the required work will contain varying amounts of asbestos. Accordingly, the Contractor shall implement appropriate control measures to assure compliance with the latest regulations from the United States Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), California OSHA (Cal-OSHA), and any other applicable federal, State, and/or local government regulation pertaining to asbestos abatement and/or asbestos-containing waste disposal.

1.02 WORK INCLUDED – GENERAL

A. The Contractor shall furnish all labor, material, equipment, services, testing, employee training; respirator fit test and medical exams, transportation, and daily expense to meet the requirements of this Specification.

B. The Contractor shall obtain all required permits, licenses, registrations, notifications, and regulatory approvals required by law (federal, State, and local).

C. All asbestos remediation activities associated with this project shall be performed during the work period specified in the Contract.

D. The Contractor shall guard against unnecessary disturbances or damage to sensitive finishes on buildings, building systems, and equipment.

1.03 WORK INCLUDED – SPECIFIC

A. The Contractor shall be responsible for identifying the exact locations and number of work areas needed to complete the project in a timely and safe manner. This effort shall

be accomplished by working with the State, the State's Representative, or the State's Hazardous Materials Consultant Representative.

B. The Contractor shall remove and dispose of all ACMs at an approved waste disposal facility.

C. The Contractor shall ensure areas outside the abatement area, including the interior of any adjacent building(s), walkways, roadways, and sidewalks remain free of debris and asbestos contamination. The Contractor shall visually monitor these areas on a continuous basis throughout the work shift and shall be responsible for taking the appropriate steps to mitigate adverse conditions, if such exist.

1.04 SUBMITTALS

A. General: The submittal requirements listed below must be completed and the work plan approved before scheduling the start of project site work. The number of copies that the Contractor requires plus three copies that will be retained by the State shall be submitted. Work will not begin until such approval has been given, and a bound copy of the project submittal shall be placed in an easily accessible location at the project site.

B. Notifications and Permits: Submit copies of all regulatory agency notifications and permits.

C. Worker Identification, Worker Training, Respiratory Fit Test, and Medical Certificates:

1. Worker Identification: For each person employed on the project, submit a copy of that individual's valid California Driver's License, or valid California Identification Card, or valid Union Identification Card.

2. Training Certificates: For each person employed on the project, submit a copy of that individual's asbestos training certification, dated within the previous 12 months.

3. Qualifications of Person taking Personal Air Samples: Submit the qualifications of the Contractor's employee who shall be responsible for collecting personal air samples (PCM).

4. Respiratory Fit Test: For each asbestos-trained worker employed on the project, submit a copy of that person's fit test certification, dated within the previous 12 months.

5. Physician's Certification of Medical Fitness: For each asbestos-trained worker, submit a copy of that person's medical examination certification, dated within the previous 12 months. The medical exam shall conform to the standards cited in California Code of Regulations (8 CCR 1529), Appendices D and E, and I.

D. Respiratory Protection Program: Submit a copy of the Contractor's written Respiratory Protection Program.

E. Medical Surveillance Program: Submit a copy of the Contractor's written Medical Surveillance Program.

F. Safety Programs: On company letterhead, submit confirmation that the Contractor has written safety programs for Injury Illness Prevention, Hazard Communication, Fall Protection (when applicable), Lockout/Tagout (when applicable), and Confined Space (when applicable).

G. Work Plan and Schedule: Submit the proposed Work Plan and Schedule for accomplishing asbestos remediation activities.

H. Laboratory Qualifications: Any laboratory performing phase contrast microscopy (PCM), polarized light microscopy (PLM), and/or transmission electron microscopy (TEM) sample analysis for the Contractor shall submit evidence of certification and accreditation by the National Voluntary Laboratory Accreditation Program.

I. Emergency Contact List: Submit an Emergency Contact List; include name, phone number, and e-mail address of the Contractor's supervisor or a competent person who can be reached on a 24-hour basis.

J. Waste Disposal Plan: Submit a Waste Disposal Plan that includes estimated number of container(s), size of containers(s), hazardous material transporter name, disposal site(s), and proof that a local waste disposal site accepts asbestos and or hazardous material before the start of the project.

K. Asbestos Close-Out Documentation: Submit Asbestos Close-Out Documentation, per Section 3.15 of the Asbestos General Requirements, within 14 calendar days of the last day of field work and before a request for final application for payment. Include a copy of the Respirator Fit Test, Medical Report, and required Training Certificate from all individuals who entered the containment, and a copy of the sign-in/sign-out sheet.

L. Safety Data Sheets (SDS): Submit a copy of each SDS for every product proposed to be used for the project.

1.05 CONTRACTOR QUALIFICATIONS

A. The Contractor performing the asbestos remediation activities shall be currently licensed with the Contractor's State Licensing Board and registered with Cal/OSHA to conduct asbestos-related activities.

B. The Contractor performing asbestos remediation work must be currently registered with Cal/OSHA.

C. The Contractor's personnel who perform Class I, and Class II asbestos work shall meet the following training requirements, which exceed the standards in 8 CCR 1529:

1. Class I, and Class II: Supervisors and Workers – Asbestos Hazard Emergency Response Act (AHERA)-certified, supervisor 40-hour course and worker 32-hour course, administered by an EPA AHERA-accredited training and California accredited provider.

1.06 RULES AND REGULATIONS

A. The Contractor shall comply with the most recent edition of applicable federal, State, and local laws, codes, and regulations. The Contractor must understand that the Contract Documents standards may exceed the requirements outlined above. If a conflict exists between referenced regulatory requirements and Contract Documents, the Contractor shall follow the more stringent rules. Any Contractor performing work contrary to mandated laws shall bear full legal and financial responsibility for the violations.

B. The list of regulators and regulations that are cited below serves as a reference for the most commonly used standards governing the asbestos industry:

1. Federal Regulators and Regulations

a. United States Environmental Protection Agency (EPA)

1) 40 Code of Federal Regulation (CFR), Part 763, Subpart E – AHERA

b. Occupational Safety and Health Administration (OSHA)

1) 29 CFR 1926.1101 – Construction Standard
2) 29 CFR 1910.1001 – General Industry Standard
3) 29 CFR 1910.147 – Lockout/Tagout

c. National Emission Standards for Hazards Air Pollutants (NESHAPS)

1) 40 CFR 61, Subpart A
2) 40 CFR 61, Subpart M – Asbestos Emissions

d. United States Department of Transportation (DOT)

1) 49 CFR 270–273

2. State Regulators and Regulations

a. California Division of Occupational Safety and Health (Cal/OSHA)

1) CCR, Title 8, Section 1529 – Construction Standard
2) CCR, Title 8, Section 3203 – Injury Illness Prevention
3) CCR, Title 8, Section 5194 – Hazard Communication
4) CCR, Title 8, Section 5157 – Confined Space
5) CCR, Title 8, Section 5208 – General Industry Standard

b. California Department of Toxic Substance Control (DTSC)

1) CCR, Title 22, Sections 66261.24, 66268.7, and 66268.114

c. California Integrated Waste Management Board (CIWMB)
d. State Water Quality Control Board (SWQCB)

1) CCR, Title 23

e. California State Licensing Board (CSLB)

1) Business and Professional Code, Section 7058.5

1.07 NOTIFICATION AND PERMITS

A. The Contractor shall be responsible for notifying federal, State, and local agencies; for obtaining all required permits/extensions; and for paying all related fees.

B. Local Air Quality Management District

1. Provide a 10-day prior to work starting notification to the local Air Quality Management District for any demolition or renovation job with regulated asbestos-containing material that exceeds a combined amount of 260 lineal feet, 160 square feet, or 35 cubic feet.

C. Cal/OSHA

1. The Contractor shall be responsible for notifying Cal/OSHA when an asbestos project potentially exceeds the limits of the agency's registration.

1.08 ABBREVIATIONS AND DEFINITIONS

1. Abbreviations

Abatement	Complete removal of all asbestos in the work area
ACM	Asbestos-Containing Material
ACBM	Asbestos-Containing Building Material
AHERA	Asbestos Hazard Emergency Response Act
AIHA	American Industrial Hygiene Association
ANSI	American National Standards Institute
ASTM	American Society for Testing and Materials
Cal/OSHA	California Occupational Safety and Health Administration
CSLB	Contractor's State Licensing Board
DTSC	California Department of Toxic Substances
ELAP	Environmental Laboratory Accreditation Program
FVC	Forced Vital Capacity
FEV	Forced Expiatory Capacity
GFI	Ground Fault Interrupter
HVAC	Heating, Ventilation, and Air Conditioning
NEA	Negative Exposure Assessment
HEPA	High-Efficiency Particulate Air
NESHAP	National Emissions Standard for Hazardous Air Pollutants

NPE	Negative Pressure Enclosure
NVLAP	National Voluntary Laboratory Accreditation
O&M	Operations and Maintenance
PACM	Presumed Asbestos-Containing Material
PCM	Phased Contrast Microscopy
PEL	Permissible Exposure Limit
PLM	Polarized Light Microscopy
PPE	Personal Protection Equipment
RACM	Regulated Asbestos-Containing Material
TEM	Transmission Electron Microscopy

B. Definitions: The following definitions are provided for additional clarification and may exceed federal, State, or local regulatory requirements:

1. Negative Pressure Enclosures (NPE) refers to full containment, mini-containments, and glove bags under negative pressure with High-Efficiency Particulate Air (HEPA) filtration. NPE includes smoke testing each shift, manometer testing to prove 0.02 inch negative pressure differential, electrical circuits off unless a Ground Fault Interrupter (GFI) is used and air movement is away from workers toward a HEPA unit. Glove bags also must be smoke tested. No sliding or reuse of the glove bag is permitted, adjacent material must be sealed, and a minimum of two workers are required to perform glove bag operations.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Safety Data Sheets (SDS)

1. The Contractor shall provide SDS for all products used.

2. The SDS files shall be located near the project site entrance.

B. Polyethylene Bags and Sheeting

1. Polyethylene (poly) sheeting used for asbestos containments are required to be:

a. 6 millimeters thick (6 mil); and
b. The poly sheeting used for containment or critical barriers shall be fire rated (poly bags or sheeting used for waste shall be clear).

2. Polyethylene (poly) sheeting shall meet the following standards:

a. ASTM E-84, with a flame resistance/spread rate less than or equal to 25 ASTM (E-162).

C. Adhesive Removers

1. All adhesive removers shall meet the Hazardous Substance Control Act standards for non-toxic and non-irritating properties.

2. All adhesive removers shall be non-flammable.

3. All adhesive removers shall contain less than 1 percent (by volume) any chlorinated hydrocarbon solvents.

2.02 EQUIPMENT

A. Tools and equipment shall arrive at the project site free of asbestos debris and dust. The Consultant reserves the right to reject dirty equipment brought onsite by the Contractor.

B. HEPA filtered equipment must be clean when arriving at the project site. All openings on the equipment must be taped shut until use. All HEPA filtered equipment must be leak tested (previously referred to as DOP testing) on site by an independent third party tester prior to use.

PART 3 - EXECUTION

3.01 SAFETY

A. In accordance with State and federal laws, the Contractor shall be solely responsible for conditions at the project site, including the safety of all persons and property during project work. To ensure effective communication in safety matters, the Contractor shall conduct and participate in the following meetings:

1. Mandated preconstruction safety meetings shall be scheduled with the State. The following subjects shall be discussed: site specifics, impacts on building occupants; waste disposal, and other project-related subjects.

2. On the first day of asbestos field work, the Contractor shall conduct a safety meeting (tailgate) for its employees, alerting them to the specific hazards of the project. The Contractor must conduct the safety meeting in the primary language of its employees. If needed, more than one primary language presentation must occur.

3. On a daily basis, the Contractor shall conduct a safety meeting with its employees.

3.02 PROJECT WORK SITE PREPARATION

A. Before beginning any onsite work preparation, the Contractor shall walk the project area with the State to discuss site characterization, regulated area set-up, access controls, background samples, security, and safety issues. If the Contractor elects to remove floor tile and mastic by mechanical means the containment set up shall be done using Class I asbestos work protocols.

B. If the Contractor chooses to remove the pipe insulation (TSI) by glove bag, each glove bag will be smoke tested and a secondary containment will be constructed.

C. All regulatory notices, permits, the sign-in/sign-out roster, and air sample results shall be posted at the primary entrance to the project site.

D. The Contractor shall coordinate inspection schedules with the State's Hazardous Materials Consultant Representative.

E. All Class I and Class II work shall be conducted within a regulated area, per 8 CCR 1529.

F. When requested by the State's Hazardous Materials Consultant Representative, the Contractor shall establish project site control barriers.

G. All removal of RACM will be done using Class I asbestos work protocols.

H. If the Contractor uses rental equipment the Contractor will notify the rental company in writing that the equipment will be used during asbestos abatement.

I. The Contractor will notify the local hospital prior to starting asbestos abatement activities.

3.03 PROJECT WORK SITE CONTROL

A. The Contractor shall restrict project work sites to authorized personnel, including the Contractor's employees, the State's Hazardous Materials Consultant Representative and Regulatory Agency Representatives.

B. At regulated project work sites, the Contractor shall use caution tape to demarcate the boundary of the work zone and shall post the following warning signs:

1. The first sign is required by 8 CCR 1529:

DANGER ASBESTOS CANCER AND LUNG DISEASE HAZARD AUTHORIZED PERSONNEL ONLY RESPIRATORS AND PROTECTIVE CLOTHING ARE REQUIRED IN THIS AREA

C. All unauthorized individuals shall remain outside the regulated area. The Contractor shall notify the State's Hazardous Materials Consultant Representative of problem situations.

D. If inclement weather threatens the project work site, the Contractor shall take all necessary measures so that asbestos-contaminated debris does not migrate from regulated areas.

3.04 RECORDKEEPING

A. The Contractor shall maintain the following records at the regulated project work site, and copies shall be provided at project closeout:

1. Site Log (sign-in/sign-out sheet)

2. Incident Log and Emergency Action Plan

3. Personal air sampling results

4. Area sample results from the regulated project work site

5. Supervisor (Contractor) and worker training certificates, fit tests, and medical clearance certificates

B. The State's Hazardous Materials Consultant Representative shall retain all records of wipe, bulk, initial, area (perimeter), and clearance samples. Results shall be reported on a daily basis to the State's Hazardous Materials Consultant Representative. When the project is completed, all sampling records shall be reviewed by the State's Hazardous Materials Consultant Representative and submitted as a complete package in the project close out.

3.05 ENGINEERING CONTROLS

A. Wet Methods

1. Before removing ACMs, the Contractor shall adequately wet the material with an approved surfactant and method. Refer to EPA publication Asbestos/NESHAPS Adequately Wet Guidance for proper techniques. During and after disturbance, the waste must remain wet. If needed, HEPA vacuum excess moisture from bags, burrito wraps, or floors.

B. Disturbance Operations

1. The Contractor shall have its competent person onsite during the disturbance of any ACM.

2. During gross disturbance operations, the Contractor and its employees shall keep the waste wet, continually bag the waste, and completely seal all accumulated debris by the end of the shift. After gross debris is bagged, wet wipe methods and HEPA vacuums shall be used to clean the project work site.

3.06 WORKER PROTECTION

A. The following protective measures are required for asbestos-related work associated with the project:

1. Employee Training/Supervision

a. The Contractor shall provide information to its employees about asbestos and other hazards, per the Hazard Communication Standard (8 CCR 5194).
b. A California-accredited AHERA course provider shall train all project asbestos workers and supervisors.

2. Respiratory Protection

a. The Contractor shall provide respiratory protection to all employees where ACMs will be disturbed. Respiratory protection shall be provided at no cost to the Contractor's employees.
b. The Contractor's employees who wear a respirator must have passed a fit test within the previous 12 months (8 CCR 1529) to perform Contract work.

3. Protective Clothing

a. The Contractor shall provide workers and authorized visitors with sufficient sets of protective clothing (i.e., full-body disposable suits) whenever potential exposure to asbestos dust exists. The Contractor shall provide coveralls to the Contractor's employees, the State's representative(s), and State and local officials at no additional cost to the Owner.
b. The Contractor shall provide rubber or latex gloves, rubber boots, eye protection, earplugs, and hard hats as needed, per the 8 CCR, Hazard Communication and Personal Protection Equipment standards.

4. Medical Surveillance

a. As required by 8 CCR 1529, the Contractor shall establish a medical surveillance program for all employees performing asbestos-related project work.
b. The Contractor shall provide copies of the physician's written opinion for each employee working on the project (8 CCR 1529).
c. All of the Contractor's asbestos workers and supervisors must pass medical, forced vital capacity, forced expiatory capacity, and chest X ray examinations before the start of project work.

3.07 PERSONAL HYGIENE

A. The Contractor shall require that no employee be allowed to apply cosmetics, consume food or beverages, or use tobacco products in a regulated project work site or any part of the building scheduled for asbestos remediation operations.

B. The Contractor shall establish a location outside the project work site, which shall be designated for employee eating and drinking. The designated area shall be approved by the State.

3.08 AIR MONITORING PROGRAM

A. Personal air sampling shall be the Contractor's responsibility.

B. The Contractor shall perform both 30-minute excursion and 8-hour time-weighted average personal air sampling on a daily basis.

C. The Contractor shall perform personal air sampling at a frequency representative of project work tasks (8 CCR 1529). The Contractor shall deliver directly to the lab or by an overnight delivery service on a daily basis all personal air samples collected during the shift. Sample results shall be emailed or faxed to the State's Hazardous Materials Consultant Representative within 24 hours of receipt by the lab.

D. The State's responsibility for air sampling will be as follows:

1. Daily Perimeter Monitoring.

a. The State's Hazardous Materials Consultant Representative shall be responsible for perimeter monitoring outside regulated areas. If any sample exceeds 0.01 fiber per cubic centimeter (f/cc) the State's Hazardous Materials Consultant Representative shall halt work and notify the State. Work can resume when the Contractor has identified and corrected the deficient work practice. Air sampling outside the regulated work area greater than 0.01 f/cc shall be reanalyzed by TEM.

2. Daily Monitoring.

a. The State's Hazardous Materials Consultant Representative shall be responsible for monitoring air quality (PCM) within the project work site. Any sample above 0.01f/cc outside the project work site perimeter will require the PCM air sample to be reanalyzed by TEM and with a result of 70 structures per millimeter squared. Personal air sampling within the project work site that exceeds the protection level of a respirator will require cessation of activity. The Contractor's competent person and the State's Hazardous Materials Consultant Representative shall review the work practices.

3.09 SPECIFIC WORK PROTOCOLS

A. An approved Work Plan will identify the Contractor's specific project work protocols for each different type of work and work method.

3.10 INSPECTIONS

A. Contractor Inspection Responsibilities

1. The Contractor shall be responsible for monitoring and enforcing all requirements of this specification.

2. The Contractor shall be responsible for notifying and allowing sufficient time for the State's Hazardous Materials Consultant Representative to conduct inspections during all phases of the project.

B. State Inspection Responsibilities

1. Prior to abatement the State's Hazardous Materials Consultant Representative shall walk the project work site with the Contractor, to review pre-cleaning operations and any safety or security issues. The State's Hazardous Materials Consultant Representative shall attend the Contractor's safety meetings.

2. After the Contractor has completed set-up and before the start of remediation operations, the State's Hazardous Materials Consultant Representative shall check the following items for completeness: regulated area is demarcated and warning signs are posted, permits are posted, poly sheeting is 6 mil, all HEPA equipment is leak tested (by a third party tester onsite), HVAC is shut off and all ports are blocked with 6 mil poly sheeting, a fire extinguisher is available, and water connections are made with a backflow prevention device.

3. Before ACM activities, the State's Hazardous Material Consultant Representative shall match-up onsite personnel with asbestos training certificates, fit tests, and medical exam records. Workers without onsite documentation shall not be allowed in the regulated project work site.

4. The State's Hazardous Materials Consultant Representative shall be responsible for the following:

    a. Reviewing all bulk, background, area and personal samples (the survey report shall be available onsite for review, and additional samples shall be collected as required); and
    b. Alerting the State's Representative of any perimeter sample result exceeding 0.01 f/cc.

5. During remediation activities, the State's Hazardous Materials Consultant Representative shall check the following: that all personnel are signing in and out of the work area, that wet methods are being used, that debris is collected at the end of each shift, that workers are properly attired and wearing respirators, that work is performed in a safe manner, and that an emergency exit is demarcated. The asbestos waste may remain at a designated area, provided that access controls are secure. If the Contractor cannot guarantee access control, the asbestos waste shall be secured in a locked storage container.

6. After activities are completed, the State's Hazardous Material Consultant Representative shall verify completeness of the remediation work and that all visible debris has been removed.

7. If visual clearance is not achieved, the State's Hazardous Material Consultant Representative shall inform the State's Representative and shall instruct the Contractor to continue to remove ACM and or re-clean the regulated project work site. The cost to remove or re-clean shall be borne by the Contractor.

3.11 ENCAPSULATION, FINAL CLEAN-UP, AND RESTORATION

A. Final Clean-Up

1. Critical barriers and the coverings on other sealed openings (e.g., HVAC ducts) shall be removed as asbestos-contaminated waste.

3.12 ASBESTOS WASTE DISPOSAL

A. The Contractor shall provide the State with properly executed Friable and Non-Friable Waste Manifest(s) for non- hazardous waste and a bill of lading for non-hazardous waste.

B. Packaging Asbestos Waste

1. All asbestos containing waste material shall be packaged in one of the following ways:

   a. Placed in two clear 6 mil poly bags; All RACM waste shall have a properly labeled outside bag,
   b. Placed in sealed, air-tight drums (DOT-approved); or
   c. Double wrapped in (“burrito style”) opaque 6-mil poly sheeting .
   d. For options “a” and “c” above, the outer surface shall be wet wiped before storing material.

C. Labeling Asbestos Waste

1. The fully enclosed and secure asbestos waste container shall have asbestos hazard signs posted on the container’s exterior, in languages that can be understood by the general public for as long as the waste container remains onsite.

D. Storing Asbestos Waste

1. At the end of each shift, all asbestos waste shall be stored in a lockable container or shipped offsite. Accumulated waste shall not be allowed to remain in the regulated project work site overnight. No container shall be allowed to remain onsite for longer than 90 continuous days from the date that the first bag is stored.

E. Transporting Asbestos Waste

1. A registered waste transporter, hired by the Contractor, shall be responsible for transporting asbestos waste from the project work site to an appropriate waste disposal facility. The transporter’s vehicle must be clearly marked with warning signs, as stated in local regulations.

2. Any waste transporter hauling RACM waste must have the appropriate California driver’s license with hazardous waste endorsement.

F. Disposal

1. Hazardous and non-hazardous asbestos waste shall be stored in separate containers.

2. The Contractor shall provide a copy of the hazardous waste manifest to the State's Representative within 30 days of each shipment.

G. Recordkeeping

1. The Contractor shall provide the State's Representative and the State's Hazardous Materials Consultant Representative with copies of all project-related asbestos waste disposal documents.

H. Fees

1. The Contractor shall be responsible for all fees and charges related to asbestos waste transport and disposal.

3.13 CLEARANCE PROTOCOL

A. Air Monitoring

1. The State's Hazardous Materials Consultant Representative shall conduct clearance air monitoring after disturbance of asbestos containing 2x4 acoustic ceiling panels drywall, drywall joint compound material, and the beige sheet vinyl flooring material is completed. The State's Hazardous Materials Consultant Representative shall collect PCM air samples. The number of clearance air samples collected will be at the discretion of the consultant.

2. The Contractor may initially elect to sample with PCM, to get a rough indication of the level of air quality.

3.14 PROJECT CLOSE-OUT DOCUMENTATION

A. Before the final certificate for payment is issued to the Contractor, the following information shall be provided to the State's Representative:

1. Project Close-Out Documentation, as listed below:

a. Contractor's name, addresses, CSLB certification number, Cal/OSHA registration number, and tax identification number
b. Name of ACM transporter, address, phone number, and registration number
c. ELAP laboratory name(s), address(es), and phone number(s) used to perform PCMs, TEMs, and/or PLMs
d. Building owner's name
e. Building name and address
f. Project name and contract number
g. Scope of work description, including location (approximate square footage, building system types)

h. Waste disposal facility name, address, phone number, and EPA registration number
i. All weigh slips must be provided as required in the “Asbestos Waste Disposal” section of this specification, or final payment will be withheld.

2. Documentation

a. The Contractor shall provide copies of all laboratory reports, asbestos work protocols, and disposal documents requested by the State’s Representative.

END OF SECTION

SECTION 03 30 00
CAST-IN-PLACE CONCRETE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Concrete formwork.

B. Floors and slabs on grade.

C. Concrete reinforcement.

D. Joint devices associated with concrete work.

E. Concrete curing.

1.02 RELATED REQUIREMENTS

A. Section 033511 - Concrete Floor Finishes: Densifiers, hardeners, applied coatings, and polishing.

B. Section 079200 - Joint Sealants: Products and installation for sealants and joint fillers for saw cut joints and isolation joints in slabs.

C. General Structural Notes on Structural drawings.

1.03 REFERENCE STANDARDS

A. ACI 117 - Specifications for Tolerances for Concrete Construction and Materials

B. ACI 211.1 - Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete

C. ACI 301 - Specifications for Structural Concrete

D. ACI 302.1R - Guide to Concrete Floor and Slab Construction

E. ACI 304R - Guide for Measuring, Mixing, Transporting, and Placing Concrete

F. ACI 305R - Guide to Hot Weather Concreting

G. ACI 306R - Guide to Cold Weather Concreting

H. ACI 308R - Guide to External Curing of Concrete

I. ACI 318 - Building Code Requirements for Structural Concrete and Commentary

J. ACI 347R - Guide to Formwork for Concrete

K. ASTM A615/A615M - Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement

L. ASTM C1602/C1602M - Standard Specification for Mixing Water Used in the Production of Hydraulic Cement Concrete

M. ASTM C33/C33M - Standard Specification for Concrete Aggregates

N. ASTM C39/C39M - Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens

O. ASTM C476 - Standard Specification for Grout for Masonry

P. ASTM C94/C94M - Standard Specification for Ready-Mixed Concrete

Q. ASTM C143/C143M - Standard Test Method for Slump of Hydraulic-Cement Concrete

R. ASTM C150/C150M - Standard Specification for Portland Cement

S. ASTM C171 - Standard Specification for Sheet Materials for Curing Concrete

T. ASTM C173/C173M - Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method

U. ASTM C260/C260M - Standard Specification for Air-Entraining Admixtures for Concrete

V. ASTM C330/C330M - Standard Specification for Lightweight Aggregates for Structural Concrete

W. ASTM C494/C494M - Standard Specification for Chemical Admixtures for Concrete

X. ASTM C618 - Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete

Y. ASTM C1116/C1116M - Standard Specification for Fiber-Reinforced Concrete

Z. ASTM C1240 - Standard Specification for Silica Fume Used in Cementitious Mixtures

AA. ASTM D994/D994M - Standard Specification for Preformed Expansion Joint Filler for Concrete (Bituminous Type)

BB. ASTM D1751 - Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)

CC. ASTM D3963/D3963M - Standard Specification for Fabrication and Jobsite Handling of Epoxy-Coated Steel Reinforcing Bars

DD. ASTM E154/E154M - Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

EE. ASTM E1155 - Standard Test Method for Determining F(F) Floor Flatness and F(L) Floor Levelness Numbers

FF. ASTM E1643 - Standard Practice for Selection, Design, Installation and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs

GG. ASTM E1745 - Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs

HH. ICRI 310.2R - Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays, and Concrete Repair

1.04 **SUBMITTALS**

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Shop Drawings:

1. Indicate pertinent dimensioning, form materials, arrangement of joints and ties.

2. Indicate reinforcement sizes, spacings, locations, and qualities, bending and cutting schedules, supporting and spacing devices.

3. Indicate sidewalks, and slabs-on-grade.

C. Product Data: Submit manufacturers' data on manufactured products showing compliance with specified requirements and installation instructions. Indicate admixtures, micro fibers, surface hardener, and curing method (compound vs plastic).

D. Mix Design: Submit proposed concrete mix design.

1. Indicate proposed mix design complies with requirements of ACI 301, Section 4 - Concrete Mixtures.

2. Indicate proposed mix design complies with requirements of ACI 318, Chapter 5 - Concrete Quality, Mixing and Placing.

3. Indicate proposed mix design complies with fiber reinforcing manufacturer's written recommendations.

E. Samples: Submit samples of underslab vapor retarder to be used.

F. Samples: Submit two, 12 inch (305 mm) long samples of construction joint devices.

G. Test Reports: Submit report for each test or series of tests specified.

H. Sustainable Design Submittal: If any fly ash, ground granulated blast furnace slag, silica fume, rice hull ash, or other waste material is used in mix designs to replace Portland cement, submit the total volume of concrete cast in place, mix design(s) used showing the quantity of portland cement replaced, reports showing successful cylinder testing, and temperature on day of pour if cold weather mix is used.

I. Project Record Documents: Accurately record actual locations of embedded utilities and components that will be concealed from view upon completion of concrete work.

J. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.05 **QUALITY ASSURANCE**

A. Perform work of this section in accordance with ACI 301 and ACI 318.

1. Maintain one copy of each document on site.

B. Follow recommendations of ACI 305R when concreting during hot weather.

C. Follow recommendations of ACI 306R when concreting during cold weather.

D. Preinstallation Conference: Conduct conference at Project site.

1. Before submitting design mixtures, review concrete design mixture and examine procedures for ensuring quality of concrete materials and the required methods and procedures to achieve the required floor finish. The General Contractor shall send a meeting agenda to all attendees 20 days prior to the scheduled date of the meeting. Require representatives of each entity directly concerned with cast-in-place concrete to attend, including the following:

a. Contractor's superintendent.

b. Independent testing agency responsible for concrete design mixtures.

c. Ready-mix concrete manufacturer.

d. Concrete subcontractor.

e. Special concrete finish subcontractor

f. Admixture Manufacturer.

g. Owner’s Representative.

h. Architect (As Needed/Requested)

i. Structural Engineer (As Needed/Requested)

2. Review special inspection and testing and inspecting agency procedures for field quality control, concrete finishes and finishing, cold- and hot-weather concreting procedures, curing procedures, construction contraction and isolation joints, and joint-filler strips, semirigid joint fillers, forms and form removal limitations, steel reinforcement installation, floor and slab flatness and levelness measurement, concrete repair procedures, and concrete protection.

3. Minutes of the conference shall be recorded, typed, and distributed by the General Contractor to all concerned parties, including but not limited to the Owner’s Representative, Architect, Structural Engineer and all attendees within 5 days of the conference.

1.06 **MOCK-UP**

A. Construct and erect mock-up panel for architectural concrete surfaces indicated to receive special treatment or finish as result of formwork.

1. Panel Size: Sufficient to illustrate full range of treatment.

B. Mock-up may remain as part of the Work.

1.07 **WARRANTY**

A. See Section 017800 - Closeout Submittals, for additional warranty requirements.

B. Moisture Emission Reducing Curing and Sealing Compound: Provide warranty to cost of flooring delamination failures for 10 years.

1. Include cost of repair or removal of failed flooring, remediation with a moisture vapor impermeable surface coating, and replacement of flooring with comparable flooring system.

PART 2 PRODUCTS

2.01 **FORMWORK**

A. Formwork Design and Construction: Comply with guidelines of ACI 347R to provide formwork that will produce concrete complying with tolerances of ACI 117.

B. Form Materials: Contractor's choice of standard products with sufficient strength to withstand hydrostatic head without distortion in excess of permitted tolerances.

1. Form Facing for Exposed Finish Concrete: Contractor's choice of materials that will provide smooth, stain-free final appearance.

2. Form Coating: Release agent that will not adversely affect concrete or interfere with application of coatings. Apply form release agent to formwork prior to placing form accessories and reinforcement.

3. Form Ties: Cone snap type that will leave no metal within 1-1/2 inches (38 mm) of concrete surface.

2.02 **REINFORCEMENT MATERIALS**

A. Comply with requirements set in the General Structural Notes of the Structural Drawings.

B. Reinforcing Steel: ASTM A615/A615M, Grade 60 (60,000 psi) (420 MPa) for all bars #4 and larger. Grade 40 (40,000 psi) for all bars #3 and smaller.

1. Type: Deformed billet-steel bars.

2. Finish: Unfinished, unless otherwise indicated.

C. Reinforcement Accessories:

1. Tie Wire: Annealed, minimum 16 gage, 0.0508 inch (1.29 mm).

2. Chairs, Bolsters, Bar Supports, Spacers: Sized and shaped for adequate support of reinforcement during concrete placement.

3. Provide stainless steel, galvanized, plastic or plastic coated steel components for placement within 1-1/2 inches (38 mm) of weathering surfaces.

2.03 **CONCRETE MATERIALS**

A. Comply with requirements set in the General Structural Notes of the Structural Drawings.

B. Cement: ASTM C150/C150M, Type II/V - Moderate Portland type.

1. Acquire cement for entire project from same source.

C. Fine and Coarse Aggregates: ASTM C33/C33M.

1. Acquire aggregates for entire project from same source.

D. Lightweight Aggregate: ASTM C330/C330M.

E. Fly Ash: ASTM C618, Class C or F.

F. Calcined Pozzolan: ASTM C618, Class N.

G. Silica Fume: ASTM C1240, proportioned in accordance with ACI 211.1.

H. Water: ASTM C1602/C1602M; clean, potable, and not detrimental to concrete.

I. Structural Fiber Reinforcement: ASTM C1116/C1116M.

1. Fiber Type: 100% virgin ploypropylene fibers

2.04 **ADMIXTURES**

A. Chemical Admixture Manufacturers. Provide admixtures certified by manufacturer to be compatible with other admixtures and that will not conribute water-soluble chloride ions exceeding those permitted in hardened concrete. Do not use calcium chloride or admixturescontaining calcium chloride.

B. Do not use chemicals that will result in soluble chloride ions in excess of 0.1 percent by weight of cement.

C. Air Entrainment Admixture: ASTM C260/C260M.

D. High Range Water Reducing and Retarding Admixture: ASTM C494/C494M Type G.

E. High Range Water Reducing Admixture: ASTM C494/C494M Type F.

F. Water Reducing and Retarding Admixture: ASTM C494/C494M Type D.

G. Retarding Admixture: ASTM C494/C494M Type B.

H. Water Reducing Admixture: ASTM C494/C494M Type A.

I. Shrinkage Reducing Admixture:

1. ASTM C494/C494M, Type S.

2.05 **ACCESSORY MATERIALS**

A. Underslab Vapor Retarder: Multi-layer, fabric-, cord-, grid-, or aluminum-reinforced polyethylene or equivalent, complying with ASTM E1745, Class A, Class B, or Class C; stated by manufacturer as suitable for installation in contact with soil or granular fill under concrete slabs. Polyethylene sheet, ASTM 4397, not less than 15 mils (0.381 mm) thick is permitted. The use of single ply polyethylene is prohibited.

1. Installation: Comply with ASTM E1643.

2. Accessory Products: Vapor retarder manufacturer's recommended tape, adhesive, mastic, prefabricated boots, etc., for sealing seams and penetrations.

B. Non-Shrink Cementitious Grout: Premixed compound consisting of non-metallic aggregate, cement, water reducing and plasticizing agents.

2.06 **BONDING AND JOINTING PRODUCTS**

A. Slab Isolation Joint Filler: 1/2 inch (13 mm) thick, height equal to slab thickness, with removable top section that will form 1/2 inch (13 mm) deep sealant pocket after removal.

1. Material: ASTM D1751, cellulose fiber.

B. Slab Construction Joint Devices: Combination keyed joint form and screed, galvanized steel, with rectangular, square or round knockout holes for conduit or rebar to pass through joint form at 6 inches (150 mm) on center; ribbed steel stakes for setting.

1. Provide removable plastic cap strip that forms wedge-shaped joint for sealant installation.
2. Height: To suit slab thickness.

2.07 **CURING MATERIALS**

A. Curing/Sealing Compound: **NOT ALLOWED ON SLABS ON GRADE** - ASTM C-1315 VOC compliant curing/sealing SP “compound”.

B. Moisture-Retaining Sheet: ASTM C171.
1. Polyethylene film, clear, minimum nominal thickness of 4 mil, 0.004 inch (0.102 mm).
2. White-burlap-polyethylene sheet, weighing not less than 3.8 ounces per square yard (1.71 kg/sq m).

C. Water: Potable, not detrimental to concrete.

2.08 **CONCRETE MIX DESIGN**

A. Proportioning Normal Weight Concrete: Comply with ACI 211.1 recommendations.

B. Concrete Strength: Establish required average strength for each type of concrete on the basis of field experience or trial mixtures, as specified in ACI 301.
1. For trial mixtures method, employ independent testing agency acceptable to Architect for preparing and reporting proposed mix designs.

C. Admixtures: Add acceptable admixtures as recommended in ACI 211.1 and at rates recommended or required by manufacturer.

D. Fiber Reinforcement: Add to mix at rate of 1.5 pounds per cubic yard (0.89 kg per cu m), or as recommended by manufacturer for specific project conditions.

E. Normal Weight Concrete:
1. Compressive Strength, when tested in accordance with ASTM C39/C39M at 28 days per General Structural Notes on Structural Drawings.
2. Fly Ash Content: Maximum per General Structural Notes.
3. Calcined Pozzolan Content: Maximum 10 percent of cementitious materials by weight.
4. Silica Fume Content: Maximum 5 percent of cementitious materials by weight.
5. Water-Cement Ratio: per General Structural Notes on Structural Drawings.
6. Total Air Content: Do not allow air content of troweled finish floors to exceed 3 percent, determined in accordance with ASTM C173/C173M.
7. Maximum Slump: per General Structural Notes on Structural Drawings

2.09 **MIXING**

A. Ready-Mixed Concrete: Measure, batch, mix and deliver concrete according to ASTM C 94/C94M and ASTM C 1116, and furnish batch ticket information.
1. Do not use concrete that has contained water for more than 90 minutes (60 minutes if air temperature is above 85 degrees.

B. Adding Water: If concrete arrives on-site with slump less than suitable for placement, do not add water that exceeds the maximum water-cement ratio or exceeds the maximum permissible slump.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify lines, levels, and dimensions before proceeding with work of this section.

3.02 **PREPARATION**

A. Formwork: Comply with requirements of ACI 301. Design and fabricate forms to support all applied loads until concrete is cured, and for easy removal without damage to concrete.

B. Verify that forms are clean and free of rust before applying release agent.

C. Coordinate placement of embedded items with erection of concrete formwork and placement of form accessories.

D. Where new concrete is to be bonded to previously placed concrete, prepare existing surface by cleaning and applying bonding agent in according to bonding agent manufacturer's instructions.

E. In locations where new concrete is doweled to existing work, drill holes in existing concrete, insert steel dowels and pack solid with non-shrink grout.

F. Interior Slabs on Grade: Install vapor retarder under interior slabs on grade. Lap joints minimum 6 inches (150 mm). Seal joints, seams and penetrations watertight with manufacturer's recommended products and follow manufacturer's written instructions. Repair damaged vapor retarder before covering.

1. Granular Fill Over Vapor Retarder: Cover vapor retarder with compactible granular fill as indicated on drawings. Do not use sand.

2. Vapor Retarder Over Granular Fill: Install compactible granular fill before placing vapor retarder as indicated on drawings. Do not use sand.

3.03 **INSTALLING REINFORCEMENT AND OTHER EMBEDDED ITEMS**

A. Comply with requirements of ACI 301. Clean reinforcement of loose rust and mill scale, and accurately position, support, and secure in place to achieve not less than minimum concrete coverage required for protection, as noted in the General Structural Notes is the Structural Drawings.

B. Provide formed openings where required for work to be embedded in and passing through concrete members.

C. Install concrete accessories straight, level, and plumb.

D. Verify that anchors, seats, plates, reinforcement and other items to be cast into concrete are accurately placed, positioned securely, and will not interfere with concrete placement.

3.04 **PLACING CONCRETE**

A. Place concrete in accordance with ACI 304R.

B. Place concrete for floor slabs in accordance with ACI 302.1R.

C. Notify Owner and Architect not less than 24 hours prior to commencement of placement operations.

D. Maintain records of concrete placement. Record date, location, quantity, air temperature, and test samples taken.

E. Ensure reinforcement, inserts, embedded parts and formed construction joint devices will not be disturbed during concrete placement.

F. Place concrete continuously without construction (cold) joints wherever possible; where construction joints are necessary, before next placement prepare joint surface by removing laitance and exposing the sand and sound surface mortar, by sandblasting or high-pressure water jetting.

G. Finish floors level and flat, unless otherwise indicated, within the tolerances specified below.

H. Prepare previously placed concrete by cleaning with steel brush and applying bonding agent.

I. E. Place concrete continuously between predetermined expansion, control and construction joints. Do not break or interrupt successive pours creating cold joints.

3.05 **SLAB JOINTING**

A. Locate joints as indicated on drawings.

B. Anchor joint fillers and devices to prevent movement during concrete placement.

C. Isolation Joints: Use preformed joint filler with removable top section for joint sealant, total height equal to thickness of slab, set flush with top of slab.

D. Load Transfer Construction and Contraction Joints: Install load transfer devices as indicated; saw cut joint at surface as indicated for contraction joints.

E. Saw Cut Contraction Joints: Saw cut joints per Structural Drawings.

F. Caulking: Caulk control joints after saw cutting and cleaning to prevent sand and foreign material from settling in joints.

3.06 **FLOOR FLATNESS AND LEVELNESS TOLERANCES**

A. Maximum Variation of Surface Flatness:

1. Exposed Concrete Floors: 1/4 inch (6 mm) in 10 feet (3 m).
2. Under Seamless Resilient Flooring: 1/4 inch (6 mm) in 10 feet (3 m).
3. Under Carpeting: 1/4 inch (6 mm) in 10 feet (3 m).

B. Correct the slab surface if tolerances are less than specified.

C. Correct defects by removal and replacement of the defective work. Grinding or patching of concrete is not allowed. Areas requiring corrective work will be identified. Re-measure corrected areas by the same process.

3.07 **CONCRETE FINISHING**

A. Repair surface defects, including tie holes, immediately after removing formwork.

B. Unexposed Form Finish: Rub down or chip off fins or other raised areas 1/4 inch (6 mm) or more in height.

C. Exposed Form Finish: Rub down or chip off and smooth fins or other raised areas 1/4 inch (6 mm) or more in height. Provide finish as follows:

1. Smooth Rubbed Finish: Wet concrete and rub with carborundum brick or other abrasive, not more than 24 hours after form removal.
2. Grout Cleaned Finish: Wet areas to be cleaned and apply grout mixture by brush or spray; scrub immediately to remove excess grout. After drying, rub vigorously with clean burlap, and keep moist for 36 hours.

D. Concrete Slabs: Finish to requirements of ACI 302.1R, and as follows:

1. Surfaces to Receive Thick Floor Coverings: "Wood float" as described in ACI 302.1R; thick floor coverings include ceramic tile with full bed setting system.
2. Surfaces to Receive Thin Floor Coverings: "Steel trowel" as described in ACI 302.1R; thin floor coverings include carpeting, resilient flooring, seamless flooring and thin set ceramic tile.
3. Decorative Exposed Surfaces: Trowel as described in ACI 302.1R; take measures necessary to avoid black-burnish marks; decorative exposed surfaces include surfaces to be stained or dyed, pigmented concrete, surfaces to receive liquid

hardeners, surfaces to receive dry-shake hardeners, surfaces to be polished and all other exposed slab surfaces.

E. In areas with floor drains, maintain floor elevation at walls; pitch surfaces uniformly to drains as indicated on drawings.

3.08 **CURING AND PROTECTION**

A. Comply with requirements of ACI 308R. Immediately after placement, protect concrete from premature drying, excessively hot or cold temperatures, and mechanical injury.

B. Maintain concrete with minimal moisture loss at relatively constant temperature for period necessary for hydration of cement and hardening of concrete.

1. Normal concrete: Not less than seven days.

C. Formed Surfaces: Cure by moist curing with forms in place for full curing period.

D. Surfaces Not in Contact with Forms:

1. Slabs and Floors To Receive Adhesive-Applied Flooring: Curing compounds and other surface coatings are usually considered unacceptable by flooring and adhesive manufacturers. If such materials must be used, either obtain the approval of the flooring and adhesive manufacturers prior to use or remove the surface coating after curing to flooring manufacturer's satisfaction.

2. Initial Curing: Start as soon as free water has disappeared and before surface is dry. Keep continuously moist for not less than three days by water ponding, water-saturated sand, water-fog spray or saturated burlap.

a. Ponding: Maintain 100 percent coverage of water over floor slab areas, continuously for 4 days.

b. Spraying: Spray water over floor slab areas and maintain wet.

c. Saturated Burlap: Saturate burlap-polyethylene and place burlap-side down over floor slab areas, lapping ends and sides; maintain in place.

3. Final Curing: Begin after initial curing but before surface is dry.

a. Moisture-Retaining Sheet: Lap strips not less than 3 inches (75 mm) and seal with waterproof tape or adhesive; secure at edges.

3.09 **FIELD QUALITY CONTROL**

A. An independent testing agency will perform field quality control tests, as specified in Section 014000 - Quality Requirements and Structural Notes.

B. Provide free access to concrete operations at project site and cooperate with appointed firm.

C. Submit proposed mix design of each class of concrete to inspection and testing firm for review prior to commencement of concrete operations.

D. Tests of concrete and concrete materials may be performed at any time to ensure compliance with specified requirements.

E. Compressive Strength Tests: ASTM C39/C39M, for each test, mold and cure three concrete test cylinders. Obtain test samples per General Structural Notes.

F. Take one additional test cylinder during cold weather concreting, cured on job site under same conditions as concrete it represents.

G. Perform one slump test for each set of test cylinders taken, following procedures of ASTM C143/C143M.

3.10 **DEFECTIVE CONCRETE**

A. Test Results: The testing agency shall report test results in writing to Architect, Owner and Contractor within 24 hours of test.

B. Defective Concrete: Concrete not complying with required lines, details, dimensions, tolerances or specified requirements.

C. Repair or replacement of defective concrete will be determined by the Architect or Owner. The cost of additional testing shall be borne by Contractor when defective concrete is identified.

D. Do not patch, fill, touch-up, repair, or replace exposed concrete except upon express direction of Architect or Owner for each individual area.

3.11 **PROTECTION**

A. Do not permit traffic over unprotected concrete floor surface until fully cured.

END OF SECTION

SECTION 04 20 00
UNIT MASONRY

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Concrete block.

B. Mortar and grout.

C. Reinforcement and anchorage.

D. Flashings.

E. Lintels.

F. Accessories.

1.02 RELATED REQUIREMENTS

A. Section 079200 - Joint Sealants: Sealing control and expansion joints.

1.03 REFERENCE STANDARDS

A. ASTM A641/A641M - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire.

B. ASTM A951/A951M - Standard Specification for Steel Wire for Masonry Joint Reinforcement.

C. ASTM A1064/A1064M - Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete.

D. ASTM C90 - Standard Specification for Loadbearing Concrete Masonry Units.

E. ASTM C91/C91M - Standard Specification for Masonry Cement.

F. ASTM C129 - Standard Specification for Nonloadbearing Concrete Masonry Units.

G. ASTM C140/C140M - Standard Test Methods of Sampling and Testing Concrete Masonry Units and Related Units.

H. ASTM C144 - Standard Specification for Aggregate for Masonry Mortar.

I. ASTM C150/C150M - Standard Specification for Portland Cement.

J. ASTM C207 - Standard Specification for Hydrated Lime for Masonry Purposes.

K. ASTM C270 - Standard Specification for Mortar for Unit Masonry.

L. ASTM C404 - Standard Specification for Aggregates for Masonry Grout.

M. ASTM C476 - Standard Specification for Grout for Masonry.

N. ASTM C780 - Standard Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry.

O. BIA Technical Notes No. 7 - Water Penetration Resistance – Design and Detailing.

P. TMS 402/602 - Building Code Requirements and Specification for Masonry Structures.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by all relevant installers.

1.05 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data for masonry units, fabricated wire reinforcement, mortar, masonry accessories, and reinforcing steel to be used in CMU walls.

C. Samples: Submit four samples of decorative block units to illustrate color, texture, and extremes of color range.

D. Mix Designs: For each type of mortar and grout. Include description of type and proportions of ingredients.

E. Manufacturer's Certificate: Certify that masonry units meet or exceed specified requirements.

F. Installer's Qualification Statement.

1.06 **QUALITY ASSURANCE**

A. Comply with provisions of ACI 530/530.1/ERTA, except where exceeded by requirements of Contract Documents.

1. Maintain one copy of each document on project site.

B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience.

1.07 **MOCK-UP**

A. Construct a masonry wall as a mock-up panel sized 8 feet (2.4 m) long by 5 feet 4”(1.6 m) high; include mortar, accessories, structural backup and flashings (with lap joint, corner, and end dam) in mock-up.

B. Locate where directed.

C. Mock-up may remain as part of the Work.

1.08 **DELIVERY, STORAGE, AND HANDLING**

A. Deliver, handle, and store masonry units by means that will prevent mechanical damage and contamination by other materials.

PART 2 PRODUCTS

2.01 **CONCRETE MASONRY UNITS**

A. Concrete Block: Comply with referenced standards, General Structural Notes on the Structural drawings and as follows:

1. Size: Standard units with nominal face dimensions of 16 by 8 inches (400 by 200 mm) and nominal depth of 8 inches (200 mm).

2. Unit Compressive Strength: Provide units with minimum average net-area compressive strength as noted on the General Structural Notes on the Structural drawings.

3. Special Shapes: Provide non-standard blocks configured for corners, lintels, headers, control joint edges, pilasters, and other detailed conditions.

a. Provide square-edged units for outside corners.

4. Load-Bearing Units: ASTM C90, medium weight.

a. Hollow block.

b. Exposed Faces: Special color and texture where indicated, as follows:

1) Texture and Pattern: per drawings.

(a) Standard pattern, standard finish

2.02 **MORTAR AND GROUT MATERIALS**

A. Mortar and Grout as specified in the General Structural Notes on the Structural drawings.

B. Portland Cement: ASTM C150/C150M, Type I; color as required to produce approved color sample.

1. Not more than 0.60 percent alkali.

C. Hydrated Lime: ASTM C207, Type S.

D. Mortar Aggregate: ASTM C144.

E. Grout Aggregate: ASTM C404.

F. Pigments for Colored Mortar: Pure, concentrated mineral pigments specifically intended for mixing into mortar and complying with ASTM C979/C979M.

1. Color(s): As selected by Architect from manufacturer's full range.

G. Water: Clean and potable.

2.03 **REINFORCEMENT AND ANCHORAGE**

A. Reinforcing Steel: Type specified in Section 032000; size as indicated on structural drawings; uncoated finish.

B. Joint Reinforcement: Use ladder type joint reinforcement where vertical reinforcement is involved and truss type elsewhere, unless otherwise indicated.

C. Single Wythe Joint Reinforcement: ASTM A951/A951M.

1. Type: Truss or ladder.

2. Material: ASTM A1064/A1064M steel wire, mill galvanized to ASTM A641/A641M Class 3.

3. Size: 0.1483 inch (3.8 mm) side rods with 0.1483 inch (3.8 mm) cross rods; width as required to provide not less than 5/8 inch (16 mm) of mortar coverage on each exposure.

2.04 **FLASHINGS**

A. Provide metal flashing, where flashing is exposed or partly exposed and where indicated, complying with Division 07 Section "Sheet Metal Flashing and Trim."

1. Metal Drip Edges: Fabricate from stainless steel. Extend at least 3 inches into wall and 1/2 inch out from wall, with outer edge bent down 30 degrees.

2. Metal Flashing Terminations: Fabricate from stainless steel. Extend at least 3 inches into wall and out to exterior face of wall. At exterior face of wall, bend metal back on itself for 3/4 inch and down into joint 3/8 inch to form a stop for retaining sealant backer rod.

3. Metal Expansion-Joint Strips: Fabricate from stainless steel to shapes indicated.

B. Flashing Sealant/Adhesives: Silicone, polyurethane, or silyl-terminated polyether/polyurethane or other type required or recommended by flashing manufacturer; type capable of adhering to type of flashing used.

C. Termination Bars: Stainless steel; compatible with membrane and adhesives.

D. Drip Edge: Stainless steel; angled drip with hemmed edge; compatible with membrane and adhesives.

E. Lap Sealants and Tapes: As recommended by flashing manufacturer; compatible with membrane and adhesives.

2.05 **ACCESSORIES**

A. Preformed Control Joints: Polyvinyl chloride material. Provide with corner and tee accessories, fused joints.

B. Joint Filler: Closed cell polyvinyl chloride; oversized 50 percent to joint width; self expanding; in maximum lengths available.

C. Cleaning Solution: Non-acidic, not harmful to masonry work or adjacent materials.

2.06 **MORTAR AND GROUT MIXING**

A. Mortar for Unit Masonry: ASTM C270, using the Proportion Specification.

B. Colored Mortar: Proportion selected pigments and other ingredients to match Contractor’s sample, without exceeding manufacturer's recommended pigment-to-cement ratio.

C. Grout: ASTM C476; consistency required to fill completely volumes indicated for grouting; fine grout for spaces with smallest horizontal dimension of 2 inches (50 mm) or less; coarse grout for spaces with smallest horizontal dimension greater than 2 inches (50 mm).

D. Admixtures: Add to mixture at manufacturer's recommended rate and in accordance with manufacturer's instructions; mix uniformly.

E. Mixing: Use mechanical batch mixer and comply with referenced standards.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify that field conditions are acceptable and are ready to receive masonry.

B. Verify that related items provided under other sections are properly sized and located.

C. Verify that built-in items are in proper location, and ready for roughing into masonry work.

3.02 **PREPARATION**

A. Direct and coordinate placement of metal anchors supplied for installation under other sections.

B. Provide temporary bracing during installation of masonry work. Maintain in place until building structure provides permanent bracing.

3.03 **COLD AND HOT WEATHER REQUIREMENTS**

A. Comply with requirements of ACI 530/530.1/ERTA, the General Structural Notes on the Structural drawings or applicable building code, whichever is more stringent.

3.04 **COURSING**

A. Establish lines, levels, and coursing indicated. Protect from displacement.

B. Maintain masonry courses to uniform dimension. Form vertical and horizontal joints of uniform thickness.

C. Concrete Masonry Units:

1. Bond: Running.

2. Coursing: One unit and one mortar joint to equal 8 inches (200 mm).

3. Mortar Joints: Raked.

3.05 **PLACING AND BONDING**

A. Lay solid masonry units in full bed of mortar, with full head joints, uniformly jointed with other work.

B. Lay hollow masonry units with face shell bedding on head and bed joints.

C. Buttering corners of joints or excessive furrowing of mortar joints is not permitted.

D. Remove excess mortar and mortar smears as work progresses.

E. Interlock intersections and external corners.

F. Do not shift or tap masonry units after mortar has achieved initial set. Where adjustment must be made, remove mortar and replace.

G. Perform job site cutting of masonry units with proper tools to provide straight, clean, unchipped edges. Prevent broken masonry unit corners or edges.

3.06 **REINFORCEMENT AND ANCHORAGE - GENERAL AND SINGLE WYTHE MASONRY**

A. Unless otherwise indicated on drawings or specified under specific wall type, install horizontal joint reinforcement 16 inches (400 mm) on center.

B. Install joint reinforcement per Structural drawings.

C. Embed longitudinal wires of joint reinforcement in mortar joint with at least 5/8 inch (16 mm) mortar cover on each side.

D. Lap joint reinforcement ends minimum 6 inches (150 mm).

E. Fasten anchors to structural framing and embed in masonry joints as masonry is laid. Space anchors per Structural drawings.

F. Embed ties and anchors in mortar joint and extend into masonry unit a minimum of 1-1/2 inches (38 mm) with at least 5/8 inch (16 mm) mortar cover to the outside face of the anchor.

3.07 **MASONRY FLASHINGS**

A. Whether or not specifically indicated, install masonry flashing to divert water to exterior at all locations where downward flow of water will be interrupted.

1. Extend flashings full width at such interruptions and at least 6 inches (152 mm), minimum, into adjacent masonry or turn up flashing ends at least 1 inch (25.4 mm), minimum, to form watertight pan at non-masonry construction.

2. Remove or cover protrusions or sharp edges that could puncture flashings.

3. Seal lapped ends and penetrations of flashing before covering with mortar.

B. Terminate flashing up 8 inches (203 mm) minimum on vertical surface of backing:

1. Terminate vertical leg of flashing into bed joint in masonry or reglet in concrete.

C. Install flashing in accordance with manufacturer's instructions and BIA Technical Notes No. 7.

D. Lap end joints of flashings at least 6 inches (152 mm), minimum, and seal watertight with flashing sealant/adhesive.

3.08 **GROUTED COMPONENTS**

A. Reinforce bond beams, columns and pilasters as indicated.

B. Lap splices bar diameters as indicated in Structural drawings.

C. Support and secure reinforcing bars from displacement. Maintain position within 1/2 inch (13 mm) of dimensioned position.

D. Place and consolidate grout fill without displacing reinforcing.

3.09 **CONTROL AND EXPANSION JOINTS**

A. Do not continue horizontal joint reinforcement through control or expansion joints.

B. Install preformed control joint device in continuous lengths. Seal butt and corner joints in accordance with manufacturer's instructions.

C. Size control joints as indicated on drawings; if not indicated, 3/4 inch (19 mm) wide and deep.

D. Form expansion joint as detailed on drawings.

3.10 **BUILT-IN WORK**

A. As work progresses, install built-in metal door frames, fabricated metal frames, window frames and anchor bolts and other items to be built into the work and furnished under other sections.

B. Install built-in items plumb, level, and true to line.

C. Bed anchors of metal door and glazed frames in adjacent mortar joints. Fill frame voids solid with grout.

D. Do not build into masonry construction organic materials that are subject to deterioration.

3.11 **TOLERANCES**

A. Install masonry within the site tolerances found in TMS 402/602.

B. Maximum Variation from Alignment of Columns and Pilasters: 1/4 inch (6 mm).

C. Maximum Variation From Unit to Adjacent Unit: 1/16 inch (1.6 mm).

D. Maximum Variation from Plane of Wall: 1/4 inch in 10 ft (6 mm/3 m) and 1/2 inch in 20 ft (13 mm/6 m) or more.

E. Maximum Variation from Plumb: 1/4 inch (6 mm) per story non-cumulative; 1/2 inch (13 mm) in two stories or more.

F. Maximum Variation from Level Coursing: 1/8 inch in 3 ft (3 mm/m) and 1/4 inch in 10 ft (6 mm/3 m); 1/2 inch in 30 ft (13 mm/9 m).

G. Maximum Variation of Mortar Joint Thickness: Head joint, minus 1/4 inch, plus 3/8 inch (minus 6.4 mm, plus 9.5 mm).

H. Maximum Variation from Cross Sectional Thickness of Walls: 1/4 inch (6 mm).

3.12 **CUTTING AND FITTING**

A. Cut and fit for chases, pipes, conduit, sleeves, grounds and as required. Coordinate with other sections of work to provide correct size, shape, and location.

B. Obtain approval prior to cutting or fitting masonry work not indicated or where appearance or strength of masonry work may be impaired.

3.13 **FIELD QUALITY CONTROL**

A. An independent testing agency will perform field quality control tests, as specified in Section 014000 - Quality Requirements.

B. Concrete Masonry Unit Tests: Test each variety of concrete unit masonry in accordance with ASTM C140/C140M for compliance with requirements of this specification.

C. Mortar Tests: Test each type of mortar in accordance with ASTM C780, testing with same frequency as masonry samples.

3.14 **CLEANING**

A. Remove excess mortar and mortar droppings.

B. Replace defective mortar. Match adjacent work.

C. Clean soiled surfaces with cleaning solution.

D. Use non-metallic tools in cleaning operations.

3.15 **PROTECTION**

A. Without damaging completed work, provide protective boards at exposed external corners that are subject to damage by construction activities.

B. Protect tops of masonry Work with waterproof coverings secured in place without damaging masonry. Provide coverings where masonry is expected to weather when Work is not in progress. Maintain protection on tops of completed exterior walls until installation of permanent waterproof cap materials.

END OF SECTION

SECTION 07 92 00
JOINT SEALANTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Nonsag gunnable joint sealants.

B. Joint backings and accessories.

1.02 REFERENCE STANDARDS

A. ASTM C661 - Standard Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer 2015.

B. ASTM C834 - Standard Specification for Latex Sealants 2017.

C. ASTM C919 - Standard Practice for Use of Sealants in Acoustical Applications 2018.

D. ASTM C920 - Standard Specification for Elastomeric Joint Sealants 2018.

E. ASTM C1193 - Standard Guide for Use of Joint Sealants 2016.

F. ASTM C1248 - Standard Test Method for Staining of Porous Substrate by Joint Sealants 2008 (Reapproved 2012).

G. ASTM C1311 - Standard Specification for Solvent Release Sealants 2014.

H. ASTM C1330 - Standard Specification for Cylindrical Sealant Backing for Use with Cold Liquid-Applied Sealants 2018.

I. ASTM D2240 - Standard Test Method for Rubber Property--Durometer Hardness 2015, with Editorial Revision (2017).

1.03 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data for Sealants: Submit manufacturer's technical data sheets for each product to be used, that includes the following.

1. Physical characteristics, including movement capability, VOC content, hardness, cure time, and color availability.
2. List of backing materials approved for use with the specific product.
3. Substrates that product is known to satisfactorily adhere to and with which it is compatible.
4. Substrates the product should not be used on.
5. Substrates for which use of primer is required.
6. Installation instructions, including precautions, limitations, and recommended backing materials and tools.
7. Sample product warranty.
8. Certification by manufacturer indicating that product complies with specification requirements.

C. Product Data for Accessory Products: Submit manufacturer's technical data sheet for each product to be used, including physical characteristics, installation instructions, and recommended tools.

D. Color Cards for Selection: Where sealant color is not specified, submit manufacturer's color cards showing standard colors available for selection.

1.04 QUALITY ASSURANCE

A. Maintain one copy of each referenced document covering installation requirements on site.

B. Installer Qualifications: Company specializing in performing the work of this section and with at least three years of documented experience.

1.05 **WARRANTY**

A. See Section 017800 - Closeout Submittals, for additional warranty requirements.

B. Correct defective work within a five year period after Date of Substantial Completion.

C. Warranty: Include coverage for installed sealants and accessories that fail to achieve watertight seal , exhibit loss of adhesion or cohesion, or do not cure.

PART 2 PRODUCTS

2.01 **MANUFACTURERS**

A. Non-Sag Sealants: Permits application in joints on vertical surfaces without sagging or slumping.

1. Dow Chemical Company: consumer.dow.com/en-us/industry/ind-building-construction.html/#sle.
2. Pecora Corporation; www.pecora.com/#sle.
3. Sika Corporation; www.usa-sika.com/#sle.
4. W.R. Meadows, Inc; www.wrmeadows.com/#sle.
5. Substitutions: See Section 016000 - Product Requirements.

2.02 **JOINT SEALANT APPLICATIONS**

A. Scope:

1. Exterior Joints: Seal open joints, whether or not the joint is indicated on drawings, unless specifically indicated not to be sealed. Exterior joints to be sealed include, but are not limited to, the following items.
    a. Wall expansion and control joints.
    b. Joints between door, window, and other frames and adjacent construction.
    c. Joints between different exposed materials.
    d. Openings below ledge angles in masonry.
    e. Other joints indicated below.
2. Interior Joints: Do not seal interior joints unless specifically indicated to be sealed. Interior joints to be sealed include, but are not limited to, the following items.
    a. Joints between door, window, and other frames and adjacent construction.
    b. In sound-rated wall and ceiling assemblies, gaps at electrical outlets, wiring devices, piping, and other openings; between wall/ceiling and other construction; and other flanking sound paths.
    c. Other joints indicated below.
3. Do not seal the following types of joints.
    a. Intentional weepholes in masonry.
    b. Joints indicated to be treated with manufactured expansion joint cover or some other type of sealing device.
    c. Joints where sealant is specified to be provided by manufacturer of product to be sealed.

d. Joints where installation of sealant is specified in another section.

e. Joints between suspended panel ceilings/grid and walls.

B. Exterior Joints: Use non-sag non-staining silicone sealant, unless otherwise indicated.

1. Lap Joints in Sheet Metal Fabrications: Butyl rubber, non-curing.

2. Lap Joints between Manufactured Metal Panels: Butyl rubber, non-curing.

3. Control and Expansion Joints in Concrete Paving: Self-leveling polyurethane "traffic-grade" sealant.

4. Wiring Slots in Concrete Paving: Self-leveling epoxy sealant.

C. Interior Joints: Use non-sag polyurethane sealant, unless otherwise indicated.

1. Wall and Ceiling Joints in Non-Wet Areas: Acrylic emulsion latex sealant.

2. Wall and Ceiling Joints in Wet Areas: Non-sag polyurethane sealant for continuous liquid immersion.

3. Floor Joints in Wet Areas: Non-sag polyurethane "non-traffic-grade" sealant suitable for continuous liquid immersion.

4. Wall, Ceiling, and Floor Joints Where Tamper-Resistance is Required: Non-sag tamper-resistant silyl-terminated polyurethane sealant.

5. Joints between Fixtures in Wet Areas and Floors, Walls, and Ceilings: Mildew-resistant silicone sealant; white.

6. In Sound-Rated Assemblies: Acrylic emulsion latex sealant.

7. Narrow Control Joints in Interior Concrete Slabs: Self-leveling epoxy sealant.

8. Other Floor Joints: Self-leveling polyurethane "traffic-grade" sealant.

D. Interior Wet Areas: Bathrooms, restrooms, kitchens, food service areas, food processing areas and lockers; fixtures in wet areas include plumbing fixtures, food service equipment, countertops, cabinets and other similar items.

E. Sound-Rated Assemblies: Walls and ceilings identified as "STC-rated", "sound-rated", or "acoustical".

F. Areas Where Tamper-Resistance is Required: As indicated on drawings.

2.03 **JOINT SEALANTS - GENERAL**

2.04 **NONSAG JOINT SEALANTS**

A. Non-Staining Silicone Sealant: ASTM C920, Grade NS, Uses M and A; not expected to withstand continuous water immersion or traffic.

1. Movement Capability: Plus and minus 50 percent, minimum.

2. Non-Staining To Porous Stone: Non-staining to light-colored natural stone when tested in accordance with ASTM C1248.

3. Dirt Pick-Up: Reduced dirt pick-up compared to other silicone sealants.

4. Color: To be selected by Architect from manufacturer's standard range.

5. Cure Type: single-component, neutral moisture curing.

6. Service Temperature Range: .

B. Mildew-Resistant Silicone Sealant: ASTM C920, Grade NS, Uses M and A; single component, mildew resistant; not expected to withstand continuous water immersion or traffic.

1. Color: White.

C. Tamper-Resistant, Silyl-Terminated Polyurethane (STPU) Sealant: ASTM C920, Grade NS, Uses M and A; single component; not expected to withstand continuous water immersion or traffic.

1. Hardness Range: 25 to 30, Shore A, when tested in accordance with ASTM C661.

D. Polyurethane Sealant: ASTM C920, Grade NS, Uses M and A; single or multi-component; not expected to withstand continuous water immersion or traffic.

E. Polyurethane Sealant for Continuous Water Immersion: ASTM C920, Grade NS, Uses M and A; single or multi-component; explicitly approved by manufacturer for continuous water immersion; suitable for traffic exposure when recessed below traffic surface .

1. Movement Capability: Plus and minus 35 percent, minimum.

F. Non-Curing Butyl Sealant: Solvent-based, single component, non-sag, non-skinning, non-hardening, non-bleeding; non-vapor-permeable; intended for fully concealed applications.

2.05 **ACCESSORIES**

A. Backer Rod: Cylindrical cellular foam rod with surface that sealant will not adhere to, compatible with specific sealant used, and recommended by backing and sealant manufacturers for specific application.

1. Type for Joints Not Subject to Pedestrian or Vehicular Traffic: ASTM C1330; Type O Open Cell Polyurethane.

2. Type for Joints Subject to Pedestrian or Vehicular Traffic: ASTM C1330; Type B - Bi-Cellular Polyethylene.

3. Open Cell: 40 to 50 percent larger in diameter than joint width.

4. Closed Cell and Bi-Cellular: 25 to 33 percent larger in diameter than joint width.

B. Backing Tape: Self-adhesive polyethylene tape with surface that sealant will not adhere to and recommended by tape and sealant manufacturers for specific application.

C. Masking Tape: Self-adhesive, nonabsorbent, non-staining, removable without adhesive residue, and compatible with surfaces adjacent to joints and sealants.

D. Joint Cleaner: Non-corrosive and non-staining type, type recommended by sealant manufacturer; compatible with joint forming materials.

E. Primers: Type recommended by sealant manufacturer to suit application; non-staining.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify that joints are ready to receive work.

B. Verify that backing materials are compatible with sealants.

C. Verify that backer rods are of the correct size.

3.02 **PREPARATION**

A. Remove loose materials and foreign matter that could impair adhesion of sealant.

B. Clean joints, and prime as necessary, in accordance with manufacturer's instructions.

C. Perform preparation in accordance with manufacturer's instructions and ASTM C1193.

D. Mask elements and surfaces adjacent to joints from damage and disfigurement due to sealant work; be aware that sealant drips and smears may not be completely removable.

E. Concrete Floor Joints That Will Be Exposed in Completed Work: Test joint filler in inconspicuous area to verify that it does not stain or discolor slab.

3.03 **INSTALLATION**

A. Perform work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions.

B. Perform installation in accordance with ASTM C1193.

C. Perform acoustical sealant application work in accordance with ASTM C919.

D. Measure joint dimensions and size joint backers to achieve the following, unless otherwise indicated:

1. Width/depth ratio of 2:1.
2. Neck dimension no greater than 1/3 of the joint width.
3. Surface bond area on each side not less than 75 percent of joint width.

E. Install bond breaker backing tape where backer rod cannot be used.

F. Install sealant free of air pockets, foreign embedded matter, ridges, and sags, and without getting sealant on adjacent surfaces.

G. Do not install sealant when ambient temperature is outside manufacturer's recommended temperature range, or will be outside that range during the entire curing period, unless manufacturer's approval is obtained and instructions are followed.

H. Nonsag Sealants: Tool surface concave, unless otherwise indicated; remove masking tape immediately after tooling sealant surface.

I. Concrete Floor Joint Filler: After full cure, shave joint filler flush with top of concrete slab.

3.04 **POST-OCCUPANCY**

A. Post-Occupancy Inspection: Perform visual inspection of entire length of project sealant joints at a time that joints have opened to their greatest width; i.e. at the low temperature in the thermal cycle. Report failures immediately and repair.

A. END OF SECTION

SECTION 08 11 13
HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL

1.01 **SECTION INCLUDES**

A. Hollow metal frames for wood doors.

1.02 **RELATED REQUIREMENTS**

A. Section 087100 - Door Hardware.

1.03 **ABBREVIATIONS AND ACRONYMS**

A. ANSI: American National Standards Institute.

B. HMMA: Hollow Metal Manufacturers Association.

C. NAAMM: National Association of Architectural Metal Manufacturers.

D. NFPA: National Fire Protection Association.

E. SDI: Steel Door Institute.

F. UL: Underwriters Laboratories.

1.04 **REFERENCE STANDARDS**

A. California Building Code Chapter 11B Accessibility to Public Buildings, Public Accommodations, Commercial Buildings and Public Housing.

B. ANSI/SDI A250.3 - Test Procedure and Acceptance Criteria for Factory Applied Finish Coatings for Steel Doors and Frames 2007 (R2011).

C. ANSI/SDI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors 2011.

D. ANSI/SDI A250.8 - Specifications for Standard Steel Doors and Frames (SDI-100) 2017.

E. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames 2011.

F. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process 2019a.

G. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable 2018.

H. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength 2018a.

I. BHMA A156.115 - American National Standard for Hardware Preparation in Steel Doors and Steel Frames 2016.

J. ICC A117.1 - Accessible and Usable Buildings and Facilities 2017.

K. NAAMM HMMA 830 - Hardware Selection for Hollow Metal Doors and Frames 2002.

L. NAAMM HMMA 831 - Hardware Locations for Hollow Metal Doors and Frames 2011.

M. NAAMM HMMA 840 - Guide Specifications for Installation and Storage of Hollow Metal Doors and Frames 2007.

N. NAAMM HMMA 861 - Guide Specifications for Commercial Hollow Metal Doors and Frames 2014.

O. SDI 117 - Manufacturing Tolerances for Standard Steel Doors and Frames 2013.

1.05 **SUBMITTALS**

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Materials and details of design and construction, hardware locations, reinforcement type and locations, anchorage and fastening methods, and finishes.

C. Shop Drawings: Details of each opening, showing elevations, glazing, frame profiles, and any indicated finish requirements.

1.06 **QUALITY ASSURANCE**

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years documented experience.

B. Maintain at project site copies of reference standards relating to installation of products specified.

C. Perform Work according to City of El Centro standards.

1.07 **DELIVERY, STORAGE, AND HANDLING**

A. Comply with NAAMM HMMA 840 or ANSI/SDI A250.8 (SDI-100) in accordance with specified requirements.

B. Protect with resilient packaging; avoid humidity build-up under coverings; prevent corrosion and adverse effects on factory applied painted finish.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Hollow Metal Doors and Frames:
1. Ceco Door, an Assa Abloy Group company ; Profiles as per drawings: www.assaabloydss.com.
2. De La Fontaine Inc ; Hollow Metal Door Model Profiles as per drawings: www.delafontaine.com.
3. Republic Doors ; Profiles as per drawings: www.republicdoor.com.
4. Steelcraft, an Allegion brand ; Profiles as per drawings: www.allegion.com/sle.
5. Technical Glass Products ; SteelBuilt Window & Door Systems: www.tgpamerica.com.
6. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 PERFORMANCE REQUIREMENTS

A. Requirements for Hollow Metal Doors and Frames:

1. Steel Sheet: Comply with one or more of the following requirements; galvannealed steel complying with ASTM A653/A653M, cold-rolled steel complying with ASTM A1008/A1008M, or hot-rolled pickled and oiled (HRPO) steel complying with ASTM A1011/A1011M, commercial steel (CS) Type B, for each.

2. Accessibility: Comply with ICC A117.1 and CBC Chapter 11B Standards.

3. Exterior Door Top Closures: Flush end closure channel, with top and door faces aligned.

4. Door Edge Profile: Manufacturers standard for application indicated.

5. Typical Door Face Sheets: Flush.

6. Glazed Lights: Non-removable stops on non-secure side; sizes and configurations as indicated on drawings. Style: Manufacturers standard.
7. Hardware Preparations, Selections and Locations: Comply with NAAMM HMMA 830 and NAAMM HMMA 831 or BHMA A156.115 and ANSI/SDI A250.8 (SDI-100) in accordance with specified requirements.
8. Zinc Coating for Typical Interior and/or Exterior Locations: Provide metal components zinc-coated (galvanized) and/or zinc-iron alloy-coated (galvannealed) by the hot-dip process in accordance with ASTM A653/A653M, with manufacturer's standard coating thickness, unless noted otherwise for specific hollow metal doors and frames.
    a. Based on SDI Standards: Provide at least A40/ZF120 (galvannealed) when necessary, coating not required for typical interior door applications, and at least A60/ZF180 (galvannealed) for corrosive locations.

B. Hollow Metal Panels: Same construction, performance, and finish as doors.

C. Combined Requirements: If a particular door and frame unit is indicated to comply with more than one type of requirement, comply with the specified requirements for each type; for instance, an exterior door that is also indicated as being sound-rated must comply with the requirements specified for exterior doors and for sound-rated doors; where two requirements conflict, comply with the most stringent.

2.02 HOLLOW METAL FRAMES

A. Comply with standards and/or custom guidelines as indicated for corresponding door in accordance with applicable door frame requirements.

B. Frame Finish: Factory primed and field finished.

C. Interior Door Frames, Non-Fire Rated: Full profile/continuously welded type.
1. Frame Metal Thickness: 16 gage, 0.053 inch (1.3 mm), minimum.

D. Frames for Wood Doors: Comply with frame requirements in accordance with corresponding door.

E. Provide mortar guard boxes for hardware cut-outs in frames to be installed in masonry or to be grouted.

F. Frames in Masonry Walls: Size to suit masonry coursing with head member 4 inch (102 mm) high to fill opening without cutting masonry units.

G. Frames Wider than 48 inches (1219 mm): Reinforce with steel channel fitted tightly into frame head, flush with top.

2.03 FINISHES

A. Primer: Rust-inhibiting, complying with ANSI/SDI A250.10, door manufacturer's standard.

B. Factory Finish: Complying with ANSI/SDI A250.3, manufacturer's standard coating.
1. Color: As selected by Architect from manufacturer's standard range.

2.04 ACCESSORIES

A. Removable Stops: Formed sheet steel, shape as indicated on drawings, mitered or butted corners; prepared for countersink style tamper proof screws.

B. Astragals for Double Doors: Specified in Section 08 7100.

C. Mechanical Fasteners for Concealed Metal-to-Metal Connections: Self-drilling, self-tapping, steel with electroplated zinc finish.

D. Grout for Frames: Portland cement grout with maximum 4 inch (102 mm) slump for hand troweling; thinner pumpable grout is prohibited.

E. Silencers: Resilient rubber, fitted into drilled hole; provide three on strike side of single door, three on center mullion of pairs, and two on head of pairs without center mullions.

F. Temporary Frame Spreaders: Provide for factory- or shop-assembled frames.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting work.

B. Verify that opening sizes and tolerances are acceptable.

C. Verify that finished walls are in plane to ensure proper door alignment.

3.02 PREPARATION

A. Coat inside of frames to be installed in masonry or to be grouted, with bituminous coating, prior to installation.

3.03 INSTALLATION

A. Install doors and frames in accordance with manufacturer's instructions and related requirements of specified door and frame standards or custom guidelines indicated.

B. Install prefinished frames after painting and wall finishes are complete.

C. Coordinate frame anchor placement with wall construction.

D. Install door hardware as specified in Section 087100.

E. Coordinate installation of electrical connections to electrical hardware items.

F. Touch up damaged factory finishes.

3.04 TOLERANCES

A. Clearances Between Door and Frame: Comply with related requirements of specified frame standards or custom guidelines indicated in accordance with SDI 117 or NAAMM HMMA 861.

B. Maximum Diagonal Distortion: 1/8 inch (3.2 mm) measured with straight edge, corner to corner.

3.05 ADJUSTING

A. Adjust for smooth and balanced door movement.

3.06 SCHEDULE

A. Refer to Door and Frame Schedule on the drawings.

END OF SECTION

SECTION 08 14 16
FLUSH WOOD DOORS

PART 1 GENERAL

1.01 **SECTION INCLUDES**

A. Flush wood doors; flush and flush glazed configuration; non-rated.

1.02 **RELATED REQUIREMENTS**

A. Section 081113 - Hollow Metal Doors and Frames.

B. Section 087100 - Door Hardware.

C. Section 099123 - Interior Painting: Field finishing of doors.

1.03 **REFERENCE STANDARDS**

A. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards 2014, with Errata (2018).

B. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards, U.S. Version 3.1 2016, with Errata (2018).

1.04 **SUBMITTALS**

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Indicate door core materials and construction; veneer species, type and characteristics.

C. Shop Drawings: Show doors and frames, elevations, sizes, types, swings, undercuts, beveling, blocking for hardware, factory machining, factory finishing, cutouts for glazing and other details.

D. Samples: Submit two samples of door construction, 12 by 12 inch in size cut from top corner of door.

E. Warranty, executed in Owner's name.

1.05 **QUALITY ASSURANCE**

A. Maintain one copy of the specified door quality standard on site for review during installation and finishing.

B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section, with not less than three years of documented experience.

C. Installer Qualifications: Company specializing in performing work of the type specified in this section, with not less than three years of documented experience.

1.06 **DELIVERY, STORAGE, AND HANDLING**

A. Package, deliver and store doors in accordance with specified quality standard.

B. Accept doors on site in manufacturer's packaging. Inspect for damage.

C. Protect doors with resilient packaging sealed with heat shrunk plastic. Do not store in damp or wet areas; or in areas where sunlight might bleach veneer. Seal top and bottom edges with tinted sealer if stored more than one week. Break seal on site to permit ventilation.

1.07 **WARRANTY**

A. See Section 017800 - Closeout Submittals, for additional warranty requirements.

B. Interior Doors: Provide manufacturer's warranty for 10 years.

C. Include coverage for delamination of veneer, warping beyond specified installation tolerances, defective materials and telegraphing core construction.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Wood Veneer Faced Doors:
   1. Eggers Industries : www.eggersindustries.com.
   2. Graham Wood Doors : www.grahamdoors.com.
   3. Haley Brothers : www.haleybros.com.
   4. Marshfield DoorSystems, Inc : www.marshfielddoors.com.
   5. Oregon Door : www.oregondoor.com.
   6. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 DOORS AND PANELS

A. Doors: Refer to drawings for locations and additional requirements.
   1. Quality Standard: Premium Grade, Standard Duty performance, in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.
   2. Wood Veneer Faced Doors: 5-ply unless otherwise indicated.

B. Interior Doors: 1-3/4 inches (44 mm) thick unless otherwise indicated; flush construction.
   1. Provide solid core doors at each location.
   2. Wood veneer facing for field opaque finish as indicated on drawings.

2.03 DOOR AND PANEL CORES

A. Non-Rated Solid Core and 20 Minute Rated Doors: Type particleboard core (PC), plies and faces as indicated.

2.04 DOOR FACINGS

A. Veneer Facing for Transparent Finish: Verify veneer facing on existing doors and match existing ones.

B. Facing Adhesive: Type I - waterproof.

2.05 DOOR CONSTRUCTION

A. Fabricate doors in accordance with door quality standard specified.

B. Cores Constructed with stiles and rails:

C. Glazed Openings: Non-removable stops on non-secure side; sizes and configurations as indicated on drawings.

D. Factory machine doors for hardware other than surface-mounted hardware, in accordance with hardware requirements and dimensions.

E. Factory fit doors for frame opening dimensions identified on shop drawings, with edge clearances in accordance with specified quality standard.
   1. Exception: Doors to be field finished.

F. Provide edge clearances in accordance with the quality standard specified.

2.06 FACTORY FINISHING - WOOD VENEER DOORS

A. Finish work in accordance with WDMA I.S. 1A for grade specified and as follows:
   1. Transparent:
      a. System - TR-2, Catalyzed Lacquer.
      b. Sheen: Flat.

B. Factory finish doors in accordance with approved sample.

2.07 ACCESSORIES

A. Hollow Metal Door Frames: As specified in Section 08 11 13.

D. Door Hardware: As specified in Section 08 71 00.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify existing conditions before starting work.

B. Verify that opening sizes and tolerances are acceptable.

C. Do not install doors in frame openings that are not plumb or are out-of-tolerance for size or alignment.

3.02 **INSTALLATION**

A. Install doors in accordance with manufacturer's instructions and specified quality standard.

B. Factory-Finished Doors: Do not field cut or trim; if fit or clearance is not correct, replace door.

C. Field-Finished Doors: Trimming to fit is acceptable.

1. Adjust width of non-rated doors by cutting equally on both jamb edges.

2. Trim maximum of 3/4 inch (19 mm) off bottom edges.

D. Use machine tools to cut or drill for hardware.

E. Coordinate installation of doors with installation of frames and hardware.

3.03 **TOLERANCES**

A. Comply with specified quality standard for fit and clearance tolerances.

B. Comply with specified quality standard for telegraphing, warp, and squareness.

3.04 **ADJUSTING**

A. Adjust doors for smooth and balanced door movement.

B. Adjust closers for full closure.

END OF SECTION

SECTION 08 71 00
DOOR HARDWARE

PART 1 – GENERAL

1.01 SUMMARY

A. Section includes hardware for doors specified in “Hardware Sets”.

B. Related Divisions:
1. Division 03 Concrete
2. Division 06 Rough & Finish Carpentry
3. Division 07 Joint Sealants
4. Division 08 Openings
5. Division 09 Finishes
6. Division 26 Electrical
7. Division 28 Electronic Safety and Security

1.02 REFERENCES

A. American National Standards Institute/Builders Hardware Manufacturers Association (ANSI):
1. ANSI/BHMA A156.1 Butts & Hinges (2016)
2. ANSI/BHMA A156.2 Bored & Preassembled Locks & Latches (2017)
3. ANSI/BHMA A156.3 Exit Devices (2020)
4. ANSI/BHMA A156.4 Door Controls – Closers (2019)
5. ANSI/BHMA A156.5 Cylinders and Input Devices for Locks (2020)
6. ANSI/BHMA A156.6 Architectural Door Trim (2015)
7. ANSI/BHMA A156.7 Template Hinge Dimensions (2016)
8. ANSI/BHMA A156.16 Auxiliary Hardware (2018)
9. ANSI/BHMA A156.18 Materials & Finishes (2020)
10. ANSI/BHMA A156.21 Thresholds (2019)
11. ANSI/BHMA A156.22 Door Gasketing Systems (2017)
12. ANSI/BHMA A156.26 Continuous Hinges (2017)
13. ANSI/BHMA A156.28 Keying Systems (2018)
14. ANSI/BHMA A156.31 Electric Strikes (2019)

B. International Code Council/American National Standards Institute (ICC/ANSI)/ADA:
1. ICC/ANSI A117.1 Standards for Accessible and Usable Buildings and Facilities.

C. Door and Hardware Institute (DHI):
1. DHI Publication – Abbreviations and Symbols (2019).
2. DHI Publication – Installation Guide for Doors and Hardware (2020).
3. DHI Publication – Sequence and Format of Hardware Schedule (2019).

D. National Fire Protection Agency (NFPA):
1. NFPA 70 National Electrical Code.
2. NFPA 80 Standard for Fire Doors and Other Opening Protectives.
3. NFPA 105 Standard for the Installation of Smoke Door Assemblies.

1.03 SUBMITTALS

A. Submit in accordance with Conditions of the Contract and Division 01 Administrative Requirements and Submittal Procedures Section.

B. Shop Drawings:
1. Schedule hardware in vertical format using the DHI publication Sequence and Formatting for the Hardware Schedule.

2. Include abbreviations and symbols page to include manufacturers' abbreviations, finish code descriptions, and fastener abbreviations including descriptions according to the DHI publication Abbreviations and Symbols.
3. Detail headings referencing the Architect's heading, opening number, locations, fire rating, handing, degree of opening, and description of the opening elements. Include Voltage, amperage, and operational descriptions for openings that have electrified hardware.
4. Coordinate final door hardware schedule with doors, frames, and related work listing proper sizing of hardware, addressing door thickness, handing, function, mounting accessories, and finish of hardware.
5. List related door devices specified in other Sections for each opening.
6. Architectural Hardware Consultant (AHC), as certified by DHI, who will affix seal attesting to completeness and correctness, including the review of the hardware schedule prior to submittal.

C. Product Data:
1. Furnish manufacturers' catalog sheets on design, grade, and function of items listed in hardware schedule. Submit only relevant information and circle or highlight the technical information including: model numbers, sizing information, voltage and amperage requirements, options and accessories required, means of fastening, listings of fire-rated applications, and finishes.

E. Templates:
1. Within fourteen days of receiving approved door hardware submittals submit complete list of templates for each hardware item to the opening manufacturers and the installers. Include detailed lists of the hardware location requirements for mortised and surface applied hardware.

F. Wiring Diagrams: Detail a title block for each drawing that includes the project name, project address, architect name, architect's opening number, hardware set, date, and name of the author.
1. Elevation Riser Drawings:
   a. Furnish one set of elevation drawings with each hardware schedule submittal for hardware sets that contain electrified hardware. Illustrate the openings with proportional representations of the opening and electrified hardware components and dimension their mounting locations as well as sizes of junction boxes and power supplies. Label the components, wire quantities and gauges, high voltage requirements, as well as other building interfaces. Create a legend that complements the drawings with brand names, model numbers, and include voltage and amperage requirements. Add an operational description that includes the normal state of the door, ingress, egress, and what happens in case of power loss or fire alarm activation and any special conditions.
   b. Upon receipt of approved hardware correct and resubmit elevation drawings with the point-to-point and system drawings.
2. Point-to-Point and System Drawings: Upon receipt of approved hardware schedule, submit point-to-point per hardware set and a system drawing. Cross-reference all wiring diagrams and the associated drawings to each other.
   a. Point-to-Point Drawings: Draw each product in a realistic representation including each terminal including those not used, and lines representing wires from component to component, labeling wire colors and gauges.
   b. System Drawing: illustrate all equipment and building interfaces required for the entire system. Include room labels and locations, opening numbers and locations.

G. Closeout Submittals: Include the following information as well as highlight and flag fire rated openings for annual inspections:
1. Cover page with required information:
   a. Project name
   b. Hardware supplier's name and contact information.
   c. Date of substantial completion.
2. Final record hardware schedule.
3. Product Data.
4. Keying Schedule.
5. Record Wiring Diagrams.
   a. System Drawing.
   b. Elevations.

c. Point-to-Point Drawings with all final wire colors noted as terminated. (Include network IP and/or MAC addresses of field devices).
6. Operating and Maintenance Manual.
7. Warranty Information.

1.04 QUALITY ASSURANCE

A. Hardware supplier shall employ an Architectural Hardware Consultant (AHC) as certified by DHI and a member of the seal program who will be available at reasonable times during course of work for Project hardware consultation.
1. Electrified Door Hardware Supplier Qualifications: Experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design, and extent to that is indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.
2. Access and Electrified Security Supplier Qualifications: Experienced supplier who has completed projects with access and electrified security door hardware similar in material, design, and extent to that is indicated for this Project, whose work has resulted in construction with a record of successful in-service performance and be a factory authorized distributor.

B. Where openings are required to be accessible door hardware shall conform to ICC/ANSI A117.1.

C. Fire Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware complying with NFPA 80 that are listed and/or labeled by a qualified testing agency for fire-protection ratings indicated.

D. Smoke and Draft Control Door Assemblies: Where smoke and draft control doors are required, provide door hardware that meets requirements of assemblies in compliance with NFPA 105.

E. Door hardware certified to ANSI/BHMA standards as noted, manufacturer must participate and be listed in BHMA Certified Products Directory.

F. Substitution requests shall be submitted in compliance with Division 01: create a comparison chart that includes the testing information as well as the warranty for both the specified product and the proposed substitution. Include the reason for requesting the substitution, clear catalog copy highlighting the proposed product and options, compliance statement, technical data, product warranty and lead time, to show how the proposed can meet or exceed established level of design, function, and quality.
1. Items listed with no substitute manufacturers have been requested by the Owner to meet existing standard and will not be reviewed for substitution unless the product is no longer available.

G. Meetings: Comply with requirements in Division 01 Section “Project Meetings.”
1. Low-voltage Coordination Meeting
a. Prior to furnishing door hardware submittals, convene a low-voltage coordination meeting. Meeting participants should include all affected trades including the following, but not limited to: Contractor, installer, supplier, electrical contractor, security consultant and installer, Owner’s IT representative, and fire alarm consultant.
b. Review sequence of operation for each opening with electrified hardware to ensure that every opening functions properly for the Owner’s use.
c. Discuss the types of electrified door hardware, inspection, and electrical roughing-in and other preparatory work performed by other trades.
d. Verify wire quantities, wire types, wire sizes, conduit sizes, and locations including if the power supplies will be centrally located or if they will be located near each opening.
e. Coordinate the door hardware, power supplies, back-up power requirements, access control components, fire alarm interfaces, elevator controls, and related building systems have all proper and necessary components to interface and operate correctly.
2. Keying Meeting
a. Within fourteen days of receiving approved door hardware submittals, contact Owner to establish a keying conference. Include keying meeting decisions into final keying schedule submittal after reviewing the following, but not limited to:
ii. Function of the building, flow of traffic, individual area’s purpose, and degree of security.
iii. Lock functions and operation.

iv. Preliminary key system schematic diagram.
v. Verify existing keyway(s), and/or proposed keyway(s)
vi. Visual key and cylinder identification
vii. Quantity of keys required including master level keys, change keys, and keys per lock.
viii. Review the key control system.
ix. Determine the recipient and contact information for the delivery of keys and accessories.

3. Pre-installation Meeting
   a. Convene meeting within fourteen days of receiving approved door hardware submittals. Participants from all affected buildings trades shall attend. Minimum participants should include: Contractor, installer, material supplier, manufacturer representatives, electrical contractor, security consultant, and fire alarm consultant.
   b. Inspect and discuss preparatory work performed by other trades.
   c. Include in-conference decisions regarding proper installation methods and procedures for receiving and handling hardware.
   d. Review all system, elevation, and point-to-point drawings to ensure that all necessary components are provided and detailed.
   e. Review and finalize construction schedule and verify availability of materials, installer's personnel, equipment, and facilities needed to make progress and avoid delays.
   f. Review required testing, inspecting, and certifying procedures.

H. Installer Qualifications: Specialized in performing installation of this Section and have five years minimum documented experience.
   1. Electrified Hardware Supplier Qualifications: Experienced door hardware installer who has installed projects with electrified door hardware similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.
   2. Access Control and Electrified Security Supplier Qualifications: Experienced installer who has completed projects with access and electrified security door hardware similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance and be a factory authorized to install and commission the system.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Pack each item complete with necessary parts and fasteners in manufacturer's original packaging.

B. Mark hardware that is not bulk packed with architect's opening number, hardware set number, and item number for each type of hardware. Include keyset symbols and corresponding hardware component for keyed products. Mark hardware that is bulk packed with manufacturers' part number and reference all hardware sets associated.

C. Deliver hardware to the job site according to the phasing agreed upon in the pre-installation meeting. Inventory the delivery with the supplier's assistance. Immediately note shortages and damages on the shipping receipts and bill of ladings. Coordinate replacement or repair with the supplier.

D. Deliver permanent keys, cores, access control credentials, software, and related accessories directly to Owner via registered mail or overnight package service. Establish the instructions for delivery to Owner at "Keying Conference."

E. Provide a clean, dry, and secure room for hardware delivered. Shelve hardware off the floor and with larger items of hardware stored on pallets. Arrange locksets and keyed cylinders by opening number. Organize the balance of hardware by brand, model of hardware, and hardware set number. Leave the door markings of the hardware visible for installers.

F. Waste Management and Disposal: Separate waste materials for use or recycling in accordance with Division 01.

1.06 WARRANTY

A. General Warranty: Comply Division 01 for Warranty requirements.

B. Special Warranty: Warranties specified in this article will not deprive Owner of other rights.

1. Ten years for manual door closers.
2. Five years for locks.
3. Five years for exit devices.
4. One year for electromechanical door hardware.
5. All access and electrified security equipment and systems will be warranted for a period of one (1) year commencing with the filing date of the Notice of Completion, provided the system has been inspected and signed off by a factory authorized installer and the factory authorized commissioning agent.

1.07 MAINTENANCE

A. Maintenance Tool and Instructions: Furnish a complete set of specialized tools and maintenance instructions for Owner's continued adjustment, maintenance, removal, and replacement of door hardware.

PART 2 – PRODUCTS

2.01 HINGES

A. Hinges, electric hinges, and self-closing hinges of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Products to be certified and listed by the following:
   1. Butts and Hinges: ANSI/BHMA A156.1.
   2. Template Hinge Dimensions: ANSI/BHMA A156.7.
   3. Self-Closing Hinges: ANSI/BHMA A156.17.

C. Butt Hinges:
   1. Hinge weight and size unless otherwise indicated in hardware sets:
      a. Doors up to 36" wide and up to 1-3/4" thick provide hinges with a minimum thickness of .134" and a minimum of 4-1/2" in height.
      b. Doors from 36" wide up to 42" wide and up to 1-3/4" thick provide hinges with a minimum thickness of .145" and a minimum of 4-1/2" in height.
      c. For doors from 42" wide up to 48" wide and up to 1-3/4" thick provide hinges with a minimum thickness of .180" and a minimum of 5" in height.
      d. Doors greater than 1-3/4" thick provide hinges with a minimum thickness of .180" and a minimum of 5" in height.
      e. Width of hinge is to be minimum required to clear surrounding trim.
   2. Base material unless otherwise indicated in hardware sets:
      a. Exterior Doors: 304 Stainless Steel, Brass or Bronze material.
      b. Interior Doors: Steel material.
      c. Fire Rated Doors: Steel or 304 Stainless Steel materials.
      d. Stainless Steel ball bearing hinges to have stainless steel ball bearings. Steel ball bearings are unacceptable.
   3. Quantity of hinges per door unless otherwise stated in hardware sets:
      a. Doors up to 60" in height provide 2 hinges.
      b. Doors 60" up to 90" in height provide 3 hinges.
      c. Doors 90" up to 120" in height provide 4 hinges.
      d. Doors over 120" in height add 1 additional hinge per each additional 30" in height.
      e. Dutch doors provide 4 hinges.
   4. Hinge design and options unless otherwise indicated in hardware sets:
      a. Hinges are to be of a square corner five-knuckle design, flat button tips and have ball bearings unless otherwise indicated in hardware sets.
      b. Out-swinging exterior and out-swinging access-controlled doors are required to have Non-Removable Pins (NRP) to prevent removal of pin while door is in closed position.
      c. When full width of opening is required, use hinges that are designed to swing door completely from opening when door is opened to 95 degrees.
      d. When shims are necessary to correct frame or door irregularities, provide metal shims only.

   5. Acceptable Manufacturers:

Hager
PBB
McKinney

2.02 CONTINUOUS HINGES

A. Continuous hinges of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Products to be certified and listed by ANSI/BHMA A156.26 Grade 1.

C. Continuous Geared Hinges:
   1. Determine model number by door and frame application, door thickness, frequency of use, and fire rating requirements according to manufacturer's recommendations.
      a. Size length of hinge to equal the actual door height unless otherwise stated in hardware sets.

D. Material and Design:
   1. Base material: Anodized aluminum manufactured from 6063-T6 material; unexposed working metal surfaces be coated with TFE dry lubricant.
   2. Bearings:
      a. Vertical loads be carried on Lubriloy RL bearings for non-fire rated doors.
      b. Continuous hinges are to have a minimum spacing between bearings of 2-9/16". Typical door from 80" to 84" in height to have a minimum of 32 bearings.
   3. Options:
      a. When full width of opening is required, use hinges that are designed to swing door completely from opening when door is opened to 95 degrees.
      b. At fire rated openings provide hinges that carry a UL certification, up to and including 90-minute applications for wood doors and up to 3-hour applications for metal doors.

E. Acceptable Manufacturers:

Hager
NGP
Zero

2.03 ELECTRIC STRIKES (Mortise and Cylindrical)

A. Provide for use with type of locks shown on hardware schedule.

B. Products to be certified and listed by the following:
   1. ANSI/BHMA A156.31 Electric Strikes and Frame Mounted Actuators Grade 1.
   2. UL Tested 1500 lb. static strength.
   3. UL listed for Fire Doors and Frames where applicable.
   4. UL 1034 Burglary Resistance.
   5. UL 10C.3H fire-rated, 4' x 8' door.

C. Material and Design:
   1. To accept up to 3/4" latch bolt and 1" deadbolt.
   2. Field reversible, Fail Safe or Fail Secure.
   3. Dual voltage 12/24 VDC.
   4. Tamper resistant, stainless steel corrosion resistance parts, and cast body and keeper.

D. Options:
   1. Latch Bolt Monitoring (LBM) Signals the door is closed and latched or unlatched and open.
   2. Door Secure Monitor (DSM) Door secure and unlocked monitoring.
   3. Deadbolt Monitoring (DBM) Signals deadbolt projected or retracted.
   4. Plug in buzzer (BUZZ) Indicates Fail Secure strike is energized and unlocked.
   5. Rectified (RECT) Converts AC to DC.

E. Acceptable Manufacturers:

Hager
SDC
RCI

2.04 ELECTRIC STRIKES (Rim Exit Devices)

A. Provide for use with type of locks shown on hardware schedule.

B. Products to be certified and listed by the following:
1. ANSI/BHMA A156.31 Electric Strikes and Frame Mounted Actuators Grade 1.
2. UL Tested 1500 lb. static strength.
3. UL listed for Fire Doors and Frames where applicable.
4. UL 1034 Burglary Resistance.
5. UL 10C.3H fire-rated, 4’ x 8’ door.

C. Material and Design:
1. To accept up to 1” pullman style latch bolt.
2. Field selectable, Fail Safe or Fail Secure.
3. Auto sensing voltage 11 through 28 volts A/C or D/C.

D. Acceptable Manufacturers:

Trine

2.05 LOCKS AND LATCHES

A. Locks and latches of one manufacturer as listed for continuity of design and consideration of warranty.

B. Standards: Product to be certified and listed by following:
1. ANSI/BHMA A156.2 Series 4000 Certified to Grade 1.
2. UL/cUL Labeled and listed for functions up to 3 hours for single doors up to 48” in width and up to 96” in height.
3. UL10C/UBC 7-2 Positive Pressure Rated.
4. ICC/ANSI A1117.1

C. Lock and latch function numbers and descriptions of manufacturer’s series as listed in hardware sets.

D. Material and Design:
1. Lock and latch chassis to be zinc dichromate for corrosion resistance.
2. Keyed functions to be of a freewheeling design to help resist against vandalism.
3. Non-handed, field reversible.
4. Thru-bolt mounting with no exposed screws.
5. Levers, zinc cast and plated to match finished designation in hardware sets.
6. Roses wrought brass or stainless-steel material.

E. Latch and Strike:
1. Stainless Steel latch bolt with minimum of 1/2” throw and deadlocking for keyed and exterior functions. Provide 3/4” latch bolt for pairs of fire-rated doors where required by door manufacturer. Standard backset to be 2-3/4” and adjustable faceplate to accommodate a square edge door or a standard 1/8” beveled edge door.

F. Acceptable manufacturers:

Hager
Schlage
Best

2.06 EXIT DEVICES

A. Exit Devices of one manufacturer as listed for continuity of design and consideration of warranty. Touchpad type, finish to match balance of door hardware.

B. Standards: Manufacturer to be certified and/or listed by the following:
   1. BHMA Certified ANSI A156.3 Grade 1.
   2. UL/cUL Listed for up to 3 hours for “A” labeled doors.
   3. UL10C/UBC 7-2 Positive Pressure Rated.
   4. UL10B Neutral Pressure Rated.
   5. UL 305 Listed for Panic Hardware.

C. Material and Design:
   1. Provide exit devices with actuators that extend a minimum of one-half of door width.
   2. Where trim is indicated in hardware sets provide the lever design to match design of lock levers.
   3. Exit device to mount flush with door.
   4. Latchbolts:
      a. Rim device – 3/4” throw, Pullman type with automatic dead-latching, stainless steel
      b. Surface vertical rod device – Top 1/2” throw, Pullman type with automatic dead-latching, stainless steel. Bottom 1/2” throw, Pullman type, held retracted during door swing, stainless steel.
   5. Fasteners: Wood screws, machine screws, and thru-bolts.

D. Lock and Latch Functions: Function numbers and descriptions of manufacturer’s series and lever styles indicated in door hardware sets.

E. Acceptable Manufactures:

Hager
Von Duprin
Sargent

F. Electric Modifications:
   1. Provide Request to Exit (REX) switches as scheduled.
   2. Electrified Trim: Outside trim locked (EL) or unlocked (EU) by electric current.

2.07 CYLINDERS AND KEYING

A. Cylinders of one manufacturer as listed for continuity of design and consideration of warranty.

B. Products to be certified and listed by the following:
   1. Auxiliary Locks: ANSI/BHMA A156.5

C. Cylinders:
   1. Provide cylinders matched to the types required for hardware that has a locking function and for keyed electronic functions. Furnish with appropriate collars, cams, and tailpieces to fit and operate associated hardware. Stacking collars is not acceptable, a single collar of proper size is required.
   2. Manufacturer’s large format interchangeable core (LFIC).
   3. Provide concealed key control (CKC) at cylinder by stamping or permanently marking the keyset symbol in a location on the cylinder that is concealed when installed.

D. Keying:
   1. Key into Owner’s existing key system.
   2. Provide a bitting list to Owner of combinations as established, and expand to twenty-five percent for future use or as directed by Owner.
      a. Include all of the keysets and bittings of the original key system creating one clean version of the entire key system.
   3. Keys to be shipped directly to the Owner’s Representative as established during the keying conference.
      a. Package the keys in individual envelopes, grouped by keyset symbol, and label envelopes with project name, factory registry number, and keyset symbol.

4. Stamp large bow key blanks with visual key control (keyset symbol) and “Do Not Duplicate”.
5. Provide interchangeable cores with construction cores as required per the keying meeting.

E. Acceptable Manufacturers:

Schlage

2.08 CLOSERS

A. Closers of one manufacturer as listed for continuity of design and consideration of warranty, unless otherwise indicated on hardware schedule, comply with manufacturer’s recommendations for size of closer, depending on width of door, frequency of use, atmospheric pressure, ADAAG requirement, and fire rating.

B. Standards: Manufacturer to be certified and or listed by the following:
1. BHMA Certified ANSI A156.4 Grade 1.
2. ADA Complaint ANSI A117.1.
3. UL/cUL Listed up to 3 hours.
4. UL10C Positive Pressure Rated.
5. UL10B Neutral Pressure Rated.

C. Material and Design:
1. Provide cast iron non-handed bodies with full plastic covers.
2. Closers will have separated staked adjustable valve screws for latch speed, sweep speed, and backcheck.
3. Provide Tri-Pack arms and brackets for regular arm, top jamb, and parallel arm mounting.
4. One-piece seamless steel spring tube sealed in hydraulic fluid.
5. Double heat-treated steel tempered springs.
6. Precision-machined heat-treated steel piston.
7. Triple heat-treated steel spindle.
8. Full rack and pinion operation.

D. Mounting:
1. Out-swing doors use surface parallel arm mount closers except where noted on hardware schedule.
2. In-swing doors use surface regular arm mount closers except where noted on hardware schedule.
3. Provide brackets and shoe supports for aluminum doors and frames to mount fifth screw.
4. Furnish drop plates where top rail conditions on door do not allow for mounting of closer and where backside of closer is exposed through glass.

E. Size closers in compliance with requirements for accessibility (ADAAG). Comply with following maximum opening force requirements.
1. Interior hinged openings: 5.0 lbs.
2. Fire-rated and exterior openings use minimum opening force allowable by authority having jurisdiction.

F. Fasteners: Provide self-reaming, self-tapping wood and machine screws, and sex nuts and bolts for each closer.

G. Acceptable manufacturers:

Hager
LCN
Sargent

2.09 PROTECTIVE TRIM

A. Protective trim of one manufacturer as listed for continuity of design and consideration of warranty.

B. Size of protection plate: single doors, size two inches less door width (LDW) on push side of door, and one inch less door width on pull side of door. For pairs of doors, size one inch less door width (LDW) on push side of door, and 1/2 inch on pull side of door. Adjust sizes to accommodate accompanying hardware, such as, edge guards, astragals, and others.
1. Kick Plates 10” high or sized to door bottom rail height.

C. Products to be certified and listed by the following:

1. Architectural Door Trim: ANSI/BHMA A156.6.
2. UL.

D. Material and Design:
1. 0.050” gage stainless steel.
2. Corner’s square, polishing lines, or dominant direction of surface pattern so they run across door width of plate.
3. Bevel top, bottom, and sides uniformly leaving no sharp edges.
4. Countersink holes for screws. Space screw holes so they are no more than eight inches CTC, along a centerline not over 1/2” in from edge around plate. End screws maximum of 0.53” from corners.

E. UL label stamp required on protection plates when top of plate is more than 16 inches above bottom of door on fire rated openings. Verify door manufacturer’s UL listing for maximum height and width of protection plate to be used.

F. Acceptable Manufacturers:

Hager
Trimco
Burns

2.10 STOPS AND HOLDERS

A. Stops and holders of one manufacturer as listed for continuity of design and consideration of warranty.

B. Wall Stops: Provide door stops wherever necessary to prevent door or hardware from striking an adjacent partition or obstruction. Provide wall stops when possible. Door stops and holders mounted in concrete floor or masonry walls have stainless steel machine screws and lead expansion shields.

C. Products to be certified and listed by the following:
1. Auxiliary Hardware: ANSI/BHMA A156.16.

D. Acceptable Manufacturers:

Hager
Rockwood
Burns

2.11 THRESHOLDS

A. Thresholds of one manufacturer as listed for continuity of design and consideration of warranty.

B. Set thresholds for exterior and acoustical openings in full bed of sealant with lead expansion shields and stainless-steel machine screws complying with requirements specified in Division 7 Section “Joint Sealants: Notched in field to fit frame by hardware installer. Refer to Drawings for special details.

C. Standards: Manufacturer to be certified by the following:
1. Thresholds: ANSI/BHMA A156.21.
2. American with Disabilities Act Accessibility Guidelines (ADAAG).

D. Acceptable Manufacturers:

Hager
K.N. Crowder
Reese

2.12 DOOR GASKETING AND WEATHERSTRIP

A. Door gasketing and weatherstrip of one manufacturer as listed for continuity of design and consideration of warranty.

B. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing where indicated on hardware schedule. Provide noncorrosive fasteners for exterior applications.
   1. Perimeter gasketing: Apply to head and jamb, forming seal between door and frame.
   2. Meeting stile gasketing: Fasten to meeting stiles, forming seal when doors are in closed position.
   3. Door bottoms: Apply to bottom of door, forming seal with threshold or floor when door is in closed position.
   4. Sound Gasketing: Cutting or notching for stop mounted hardware not permitted.
   5. Drip Guard: Apply to exterior face of frame header. Lip length to extend 4" beyond width of door.

C. Products to be certified and listed by the following:
   1. Door Gasketing and Edge Seal Systems: ANSI/BHMA A156.22.
   2. BHMA certified for door sweeps, automatic door bottoms, and adhesive applied gasketing.

D. Smoke-Labeled Gasketing: Comply with NFPA 105 listed, labeled, and acceptable to Authorities Having Jurisdiction, for smoke control indicated.
   1. Provide smoke-labeled gasketing on 20-minute rated doors and on smoke rated doors.

E. Fire-Rated Gasketing: Comply with NFPA 80 listed, labeled, and acceptable to Authorities Having Jurisdiction, for fire ratings indicated.

F. Refer to Section 08 1416 Wood Doors for Category A or Category B. Comply with UBC 7-2 and UL10C positive pressure where frame applied intumescent seals are required.

G. Acceptable Manufacturers:

Hager
K.N. Crowder
Reese

2.13 SILENCERS

A. Where smoke, light, or weather seal are not required, provide three silencers per single door frame, two per double door frame and four per Dutch door frame.

B. Products to be certified and listed by the following:
   1. Auxiliary Hardware: ANSI/BHMA A156.16

C. Acceptable Manufacturers:

Hager
Rockwood
Trimco

2.14 FINISHES

A. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if within range of approved samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within range of approved samples.

B. Comply with base material and finish requirements indicated by ANSI/BHMA A156.18 designations in hardware schedule.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine doors and frames, with installers present, for compliance with requirements for installation tolerances, labeled fire-rated construction, wall and floor construction, and other conditions affecting performance.

B. Where hardware will be installed directly on walls inspect applications for blocking material of sufficient type and size for hardware.

C. Examine roughing-in and cabling for electrical power systems to verify actual locations of wiring connections and wiring supplied matches the requirements as described in the wiring diagrams before electrified door hardware installation.

D. Perform a site survey to determine proper mounting locations for all wirelessly communicating devices. Verify that the surrounding construction and equipment will not interfere with the communication between components.

E. Where existing products will be reused, examine existing door and frame sizes, preps, swings, ratings, and compare to the specified hardware for compatibility and functionality. The hardware set specified should act as guide for design and function. Provide filler plates as needed to fill and repair existing materials. Test any existing to remain hardware for functionality and visually inspect for damage. Note any defective or damaged products as well as noting any code deficiencies and submit issues and estimated costs for direction of how to proceed with repair or replacement.

F. Notify Architect via a prepared written report and endorsed by installer of any discrepancies between the door schedule, door types, drawings, and scheduled hardware. List conditions detrimental to application, to the proper and timely completion of the work and performance of the hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.02 INSTALLATION

A. Install hardware using manufacturers' recommended fasteners and installation instructions, at height locations and clearance tolerances that comply with:
   1. NFPA 80
   2. NFPA 105
   3. ICC/ANSI A117.1
   4. DHI Publication – Installation Guide for Doors and Hardware
   5. Approved shop drawings
   6. Approved hardware schedule

B. Install soffit mounted gaskets prior to other soffit mounted hardware ensuring a continuous seal around the perimeter of the opening without cutting or notching.

C. Locate surface mounted door closers on stairwell side of stair doors, interior side of exterior openings, or on the room side of openings, unless it is a sterile room.

D. Locate wall mounted bumper to contact the operating trim. Verify that pushbuttons of locksets do not contact the stop and inadvertently lock the door.

E. Mount armor, mop, and kick plates flush with the bottom of the door and centered horizontally on the door.

F. Notch thresholds with no larger than a 1/32-inch gap matching the frame profile. Set in a full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants" forming a tight seal between threshold and mounting surface. Caulk and seal the entire perimeter to prevent water leakage. Remove excess sealants immediately and clean the area thoroughly.

G. Do not install surface mounted items until finishes have been completed on substrates involved. Set unit level, plumb and true to line location.

H. Locate power supplies and junction boxes as directed and verified in the low-voltage coordination meeting.

I. Perform final connections of the system components to match the approved operational narratives. Use cable markers to label wires at each termination or end to match the final wiring diagrams. Terminate wiring in accordance with the manufacturer's recommendations. Where quick-connects are seated correctly. Provide wire ties and adhesive pads to secure and organize wires in enclosures. Outside of enclosures seal terminations in

waterproof connectors. Include record drawings of the point-point and the elevations in a plastic sleeve attached to the inside cover of the power supply/junction box enclosure for the Owner's use.

3.03 FIELD QUALITY CONTROL

A. Schedule a final walk through to inspect hardware installation ten (10) business days before final acceptance of the Owner. Visually inspect for proper fasteners and verify that doors open, close, latch properly, and that openings are installed to meet NFPA 80 and ANSI A117.1 requirements. Correct deficiencies, including missing hardware immediately. Provide a written report detailing discrepancies of each opening within five (5) business days of the walk through.

B. Prior to receiving certificate of occupancy have doors inspected by a Certified Fire and Egress Door Assembly Inspector (CFDAI), as certified by Intertek (ITS), submit a written report to the Owner and Contractor. Doors failing inspection must be adjusted, modified, or replaced to be within appropriate code requirements without delay.

C. Test the functionality of electrified openings upon completion of the installation in accordance with the description of operation and the Owner's intent under the supervision of a factory authorized representative and an Owner's representative, verify that all features of the software are working correctly, including interfaces with any associated trades. Document the result of all tests and provide these results to the Owner and correct immediately.

3.04 ADJUSTMENT, CLEANING, AND DEMONSTRATING

A. Prior to final adjustments, the HVAC system must be completed and balanced. Test that all openings meet ANSI A117.1 for closer opening pressure, closing speed, latching, and hardware operating forces. Replace items that cannot be adjusted to operate freely and smoothly or as intended for application.

B. Prior to final walk-through inspection, clean adjacent surfaces soiled by hardware installation. Clean finish hardware per manufacturer's instructions after final adjustments have been made. Remove all protection and replace items that cannot be cleaned to manufacturer's level of finish quality.

C. Demonstration and training will be conducted as per the following sessions. All sessions will be recorded and turned over to the Owner for future use.
   1. Hardware Maintenance: Conduct a training class for building maintenance personnel demonstrating the adjustment, operation, and maintenance of mechanical and electrified hardware. Special tools for finish hardware to be turned over and demonstrated usage at the meeting.
   2. Key control system: Train the Owner's designated representative on the key control system demonstrating the permanent file keys, duplicate loaner keys, key receipts, key envelopes, key change identification sheets, bitting lists, tags, and labels. When key management software is provided training will be provided for the setup and usage of the software.
   3. Access control: Demonstrate the management and programming of the access control system including the following, but not limited to:
      a. System administration personnel to manage the LAN and databases including updating, maintaining, and backing up the system and database software.
      b. Instruct on all software features and programming for managing the credentials, users, access points, time zones, alarms and events, door monitoring, audit trails, and time schedules.

3.05 PROTECTION

A. Leave manufacturer's protective film intact and, protect exit devices, locks, and surface mounted hardware with kraft paper or bubble wrap. Cover fire labels at painted products that bear a label with magnetic or masking tape. Keep protection in place until time of final cleaning and adjustment.

3.06 HARDWARE SET SCHEDULE

A. Door hardware items have been placed in sets which are intended to be a guide of design, grade, quality, function, operation, and performance.
   1. Review products that may require mounting accessories to meet door, frame, and swing conditions as these

final details vary from manufacturer to manufacturer and provide as required.

2. Where additional items of hardware are required for completion of the Work, a written statement of such omission, error, or other discrepancy is required to be submitted to the Architect, prior to bid date for clarification via an addendum.
3. Abbreviations listed below do not appear in the manufacturer's literature, for any other abbreviations refer to manufacturer's literature.:
   a. LDW = Less than Door Width
   b. LAR = Length as Required
   c. QTY = Quantity
   d. CTC = Centerline to Centerline
   e. BTB = Back-to-Back mounting
   f. FEC = Flush End Cap

3.07 HARDWARE SCHEDULE

Set #01

Doors: 114

3	Hinge(s)	BB1279 4 1/2" x 4 1/2"	US26D	HA
1	Lockset	3480 WTN LFIC	US26D	HA
1	Interchangeable Core	23-030	626	SC
1	Concave Wall Stop(s)	236W	US32D	HA
3	Silencers	307D	GREY	HA
1	Closer(s)	5100 HDCS	ALM	HA

SECTION 09 21 16
GYPSUM BOARD ASSEMBLIES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Performance criteria for gypsum board assemblies.

B. Metal stud wall framing.

C. Metal channel ceiling framing.

D. Acoustic insulation.

E. Gypsum sheathing.

F. Cementitious backing board.

G. Gypsum wallboard.

H. Joint treatment and accessories.

I. Textured finish system.

1.02 RELATED REQUIREMENTS

A. Section 072100 - Thermal Insulation: Acoustic insulation.

B. Section 072500 - Weather Barriers: Water-resistive barrier over sheathing.

C. Section 079200 - Joint Sealants: Sealing acoustical gaps in construction other than gypsum board or plaster work.

D. Section 092216 - Non-Structural Metal Framing.

E. Section 093000 - Tiling: Tile backing board.

1.03 REFERENCE STANDARDS

A. ANSI A108.11 - American National Standard Specifications for Interior Installation of Cementitious Backer Units 2010 (Reaffirmed 2016).

B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process 2019a.

C. ASTM C514 - Standard Specification for Nails for the Application of Gypsum Board 2004 (Reapproved 2014).

D. ASTM C557 - Standard Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing 2003 (Reapproved 2017).

E. ASTM C645 - Standard Specification for Nonstructural Steel Framing Members 2018.

F. ASTM C754 - Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products 2018.

G. ASTM C840 - Standard Specification for Application and Finishing of Gypsum Board 2018b.

H. ASTM C954 - Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs From 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness 2018.

I. ASTM C1002 - Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs 2018.

J. ASTM C1047 - Standard Specification for Accessories For Gypsum Wallboard and Gypsum Veneer Base 2014a.

K. ASTM C1177/C1177M - Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing 2013.

L. ASTM C1280 - Standard Specification for Application of Exterior Gypsum Panel Products for Use as Sheathing 2018.

M. ASTM C1396/C1396M - Standard Specification for Gypsum Board 2017.

N. ASTM D3273 - Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber 2016.

O. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements 2009 (Reapproved 2016).

P. ASTM E413 - Classification for Rating Sound Insulation 2016.

Q. GA-216 - Application and Finishing of Gypsum Panel Products 2016.

1.04 **SUBMITTALS**

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on metal framing, gypsum board, accessories and joint finishing system.

C. Samples: Submit two samples of gypsum board finished with proposed texture application, 12 by 12 inches (300 by 300 mm) in size, illustrating finish color and texture.

1.05 **QUALITY ASSURANCE**

A. Copies of Documents at Site: Maintain at the project site a copy of each referenced document that prescribes execution requirements.

PART 2 PRODUCTS

2.01 **GYPSUM BOARD ASSEMBLIES**

A. Provide completed assemblies complying with ASTM C840 and GA-216.

B. Interior Partitions, Indicated as Acoustic: Provide completed assemblies with the following characteristics:

1. Acoustic Attenuation: STC of 45-49 calculated in accordance with ASTM E413, based on tests conducted in accordance with ASTM E90.

2. Seismic Loads: Design and size components to withstand seismic loads and sway displacement as calculated according to ASCE 7 and applicable codes.

2.02 **METAL FRAMING MATERIALS**

A. Non-structural Framing System Components: ASTM C645; galvanized sheet steel, of size and properties necessary to comply with ASTM C754 for the spacing indicated, with maximum deflection of wall framing of L/240 at 5 psf (L/240 at 240 Pa).

1. Studs: "C" shaped with flat or formed webs with knurled faces.

2. Runners: U shaped, sized to match studs.

3. Ceiling Channels: C-shaped.

4. Furring Members: Hat-shaped sections, minimum depth of 7/8 inch (22 mm).

B. Partition Head To Structure Connections: Provide track fastened to structure with legs of sufficient length to accommodate deflection, for friction fit of studs cut short and fastened as indicated on drawings.

C. Non-structural Framing Accessories:

1. Ceiling Hangers: Type and size as specified in ASTM C754 for spacing required.

2. Framing Connectors: ASTM A653/A653M G90 galvanized steel clips; secures cold rolled channel to wall studs for lateral bracing.

2.03 **BOARD MATERIALS**

A. Manufacturers - Gypsum-Based Board:

1. American Gypsum Company : www.americangypsum.com.
2. Georgia-Pacific Gypsum : www.gpgypsum.com.
3. National Gypsum Company : www.nationalgypsum.com.
4. USG Corporation : www.usg.com.
5. Substitutions: See Section 01 60 00 - Product Requirements.

B. Gypsum Wallboard: Paper-faced gypsum panels as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut.

1. Application: Use for vertical surfaces, unless otherwise indicated.
2. Glass mat faced gypsum panels as defined in ASTM C1658/C1658M, suitable for paint finish, of the same core type and thickness may be substituted for paper-faced board.
3. At Assemblies Indicated with Fire-Rating: Use type required by indicated tested assembly; if no tested assembly is indicated, use Type X board, UL or WH listed.
4. Thickness:
    a. Vertical Surfaces: 5/8”

C. Backing Board For Non-Wet Areas: Water-resistant gypsum backing board as defined in ASTM C1396/C1396M; sizes to minimum joints in place; ends square cut.

1. Application: Surfaces at ceilings, kitchens and plumbing walls, except in wet areas.
2. Type: Regular
3. Thickness: 5/8 inch.
4. Edges: Square.

D. Ceiling Board: Special sag resistant gypsum ceiling board as defined in ASTM C1396/C1396M; sizes to minimize joints in place; ends square cut.

1. Application: Ceilings, unless otherwise indicated.
2. Thickness: 1/2 inch.
3. Edges: Tapered

2.04 **GYPSUM WALLBOARD ACCESSORIES**

A. Acoustic Insulation: As specified in Section 072100.

B. Acoustic Sealant: Acrylic emulsion latex or water-based elastomeric sealant; do not use solvent-based non-curing butyl sealant.

C. Water-Resistive Barrier: As specified in Section 072500.

D. Beads, Joint Accessories and Other Trim: ASTM C1047, rigid plastic, galvanized steel or rolled zinc, unless noted otherwise.

1. Corner Beads: Low profile, for 90 degree outside corners.
2. L-Trim with Tear-Away Strip: Sized to fit [5/8] inch thick gypsum wallboard.
3. Expansion Joints:
    a. Type: V-shaped PVC with tear away fins.

E. Screws for Fastening of Gypsum Panel Products to Cold-Formed Steel Studs Less than 0.033 inch (0.84 mm) in Thickness and Wood Members: ASTM C1002; self-piercing tapping screws, corrosion resistant.

F. Screws for Fastening of Gypsum Panel Products to Steel Members from 0.033 to 0.112 inch (0.84 to 2.84 mm) in Thickness: ASTM C954; steel drill screws, corrosion resistant.

G. Nails for Attachment to Wood Members: ASTM C514.

H. Anchorage to Substrate: Tie wire, nails, screws, and other metal supports, of type and size to suit application; to rigidly secure materials in place.

I. Adhesive for Attachment to Metal:

1. Products:

a. Franklin International, Inc; Titebond PROvantage Professional Drywall Adhesive: www.titebond.com/#sle.

b. Liquid Nails, a brand of PPG Architectural Coatings; LN-2000 FUZE*IT All Surface Construction Adhesive: www.liquidnails.com/#sle.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that project conditions are appropriate for work of this section to commence.

3.02 FRAMING INSTALLATION

A. Metal Framing: Install in accordance with ASTM C754 and manufacturer's instructions.

B. Suspended Ceilings and Soffits: Space framing and furring members as indicated.

1. Laterally brace entire suspension system as required for seismic design category.

2. Install bracing as required at exterior locations to resist wind uplift.

3. Coordinate location of hangers with other work. Install ceiling framing independent of walls, columns, and above ceiling work.

4. Reinforce openings in ceiling suspension system interrupting main carrying channels or furring channels, with lateral channel bracing.

C. Studs: Space studs as indicated.

1. Extend partition framing as indicated.

2. Partitions Terminating at Structure: Attach extended leg top runner to structure, maintain clearance between top of studs and structure, and brace both flanges of studs with continuous bridging.

D. Openings: Reinforce openings as required for weight of doors or operable panels, using not less than double studs at jambs.

E. Standard Wall Furring: Install at masonry walls scheduled to receive gypsum board, not more than 4 inches (100 mm) from floor and ceiling lines and abutting walls. Secure in place on alternate channel flanges at maximum 24 inches (600 mm) on center.

1. Orientation: Vertical.

2. Spacing: As indicated.

F. Blocking: Install mechanically fastened steel sheet blocking or wood blocking for support of:

1. Framed openings.

2. Wall mounted cabinets.

3. Plumbing fixtures.

4. Toilet partitions.
5. Toilet accessories.
6. Wall mounted door hardware.
7. Equipment requiring blocking.

3.03 **ACOUSTIC ACCESSORIES INSTALLATION**

A. Acoustic Insulation: Place tightly within spaces, around cut openings, behind and around electrical and mechanical items within partitions, and tight to items passing through partitions.

B. Acoustic Sealant: Install in accordance with manufacturer's instructions.

3.04 **BOARD INSTALLATION**

A. Comply with ASTM C840, GA-216 and manufacturer's instructions. Install to minimize butt end joints, especially in highly visible locations.

B. Single-Layer Non-Rated: Install gypsum board in most economical direction, with ends and edges occurring over firm bearing.

C. Double-Layer Non-Rated: Use gypsum board for first layer, placed parallel to framing or furring members, with ends and edges occurring over firm bearing. Use glass mat faced gypsum board at exterior walls and at other locations as indicated. Place second layer perpendicular to framing or furring members. Offset joints of second layer from joints of first layer.

D. Exposed Gypsum Board in Interior Wet Areas: Seal joints, cut edges, and holes with water-resistant sealant.

E. Exterior Sheathing: Comply with ASTM C1280. Install sheathing horizontally, with edges butted tight and ends occurring over firm bearing.

1. Paper-Faced Sheathing: Immediately after installation, protect from weather by application of water-resistive barrier.

F. Cementitious Backing Board: Install over steel framing members and plywood substrate where indicated, in accordance with ANSI A108.11 and manufacturer's instructions.

G. Installation on Metal Framing: Use screws for attachment of gypsum board except face layer of non-rated double-layer assemblies, which may be installed by means of adhesive lamination.

H. Installation on Wood Framing: For rated assemblies, comply with requirements of listing authority. For non-rated assemblies, install as follows:

1. Single-Layer Applications: Screw attachment.
2. Double-Layer Application: Install base layer using screws or nails. Install face layer using adhesive.

I. Seal cut edges and holes in moisture resistant gypsum board and exterior gypsum soffit board with sealant.

3.05 **INSTALLATION OF TRIM AND ACCESSORIES**

A. Control Joints: Place control joints consistent with lines of building spaces and as follows:

1. Not more than 30 feet (10 meters) apart on walls and ceilings over 50 feet (16 meters) long.

B. Corner Beads: Install at external corners, using longest practical lengths.

C. Edge Trim: Install at locations where gypsum board abuts dissimilar materials.

3.06 **JOINT TREATMENT**

A. Glass Mat Faced Gypsum Board and Exterior Glass Mat Faced Sheathing: Use fiberglass joint tape, embed and finish with setting type joint compound.

B. Paper Faced Gypsum Board: Use paper joint tape, embed with drying type joint compound and finish with drying type joint compound.

C. Finish gypsum board in accordance with levels defined in ASTM C840, as follows:

1. Level 5: Walls and ceilings to receive semi-gloss or gloss paint finish and other areas specifically indicated.
2. Level 4: Walls and ceilings to receive paint finish or wall coverings, unless otherwise indicated.
3. Level 3: Walls to receive textured wall finish.
4. Level 2: In utility areas, behind cabinetry, and on backing board to receive tile finish.
5. Level 1: Wall areas above finished ceilings, whether or not accessible in the completed construction.

D. Tape, fill, and sand exposed joints, edges, and corners to produce smooth surface ready to receive finishes.

1. Feather coats of joint compound so that camber is maximum 1/32 inch (0.8 mm).
2. Taping, filling, and sanding is not required at surfaces behind adhesive applied ceramic tile and fixed cabinetry.

E. Fill and finish joints and corners of cementitious backing board as recommended by manufacturer.

3.07 **TEXTURE FINISH**

A. Apply finish texture coating by means of spraying apparatus in accordance with manufacturer's instructions and to match approved sample.

3.08 **TOLERANCES**

A. Maximum Variation of Finished Gypsum Board Surface from True Flatness: 1/8 inch in 10 feet (3 mm in 3 m) in any direction.

A. END OF SECTION

SECTION 09 22 16
NON-STRUCTURAL METAL FRAMING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Metal partition, ceiling and soffit framing.

B. Framing accessories.

1.02 RELATED REQUIREMENTS

A. Section 054000 - Cold-Formed Metal Framing: Structural load bearing metal stud framing and Exterior wall stud framing.

B. Section 061000 - Rough Carpentry: Wood blocking within stud framing.

C. Section 061000 - Rough Carpentry: Wall sheathing.

D. Section 072100 - Thermal Insulation: Acoustic insulation.

E. Section 083100 - Access Doors and Panels.

F. Section 085123 - Steel Windows: Product requirements for window anchors.

G. Section 092116 - Gypsum Board Assemblies: Metal studs for gypsum board partition framing.

1.03 REFERENCE STANDARDS

A. AISI S100-12 - North American Specification for the Design of Cold-Formed Steel Structural Members 2012.

B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process 2019a.

C. ASTM C645 - Standard Specification for Nonstructural Steel Framing Members 2018.

D. ASTM C754 - Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products 2018.

E. ASTM C1002 - Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs 2018.

F. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials 2018b.

G. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements 2009 (Reapproved 2016).

H. ASTM E413 - Classification for Rating Sound Insulation 2016.

I. SSPC-Paint 20 - Zinc-Rich Primers (Type I, "Inorganic," and Type II, "Organic") 2002 (Ed. 2004).

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Shop Drawings:

1. Indicate prefabricated work, component details, stud layout, framed openings, anchorage to structure, acoustic details, type and location of fasteners, accessories and items of other related work.

2. Describe method for securing studs to tracks, splicing, and for blocking and reinforcement of framing connections.

C. Product Data: Provide data describing framing member materials and finish, product criteria, load charts and limitations.

D. Product Data: Provide manufacturer's data on partition head to structure connectors, showing compliance with requirements.

E. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

1.05 **QUALITY ASSURANCE**

A. Installer Qualifications: Company specializing in performing the work of this section with minimum five years documented experience and approved by manufacturer.

PART 2 PRODUCTS

2.01 **FRAMING MATERIALS**

A. Non-Loadbearing Framing System Components: ASTM C645; galvanized sheet steel, of size and properties necessary to comply with ASTM C754 for the spacing indicated, with maximum deflection of wall framing of L/240 at 5 psf (L/240 at 240 Pa).

1. Studs: C shaped with flat or formed webs with knurled faces.
2. Runners: U shaped, sized to match studs.
3. Ceiling Channels: C shaped.
4. Furring: Hat-shaped sections, minimum depth of 7/8 inch (22 mm).

B. Partition Head to Structure Connections: Provide track fastened to structure with legs of sufficient length to accommodate deflection, for friction fit of studs cut short and braced with continuous bridging on both sides.

C. Non-Loadbearing Framing Accessories:

1. Ceiling Hangers: Type and size as specified in ASTM C754 for spacing required.
2. Partial Height Wall Framing Support: Provides stud reinforcement and anchored connection to floor.
3. Framing Connectors: ASTM A653/A653M G90 galvanized steel clips; secures cold rolled channel to wall studs for lateral bracing.
4. Flexible Wood Backing: Fire-retardant treated wood with sheet steel connectors.
5. Sheet Metal Backing: 0.036 inch (0.9 mm) thick, galvanized.
6. Fasteners: ASTM C1002 self-piercing tapping screws.
7. Anchorage Devices: Powder actuated.
8. Acoustic Insulation: As specified in Section 072100.
9. Acoustic Sealant: Acrylic emulsion latex or water-based elastomeric sealant; do not use solvent-based non-curing butyl sealant.
10. Touch-Up Primer for Galvanized Surfaces: SSPC-Paint 20 Type I - Inorganic.

2.02 **FABRICATION**

A. Fabricate assemblies of framed sections to sizes and profiles required.

B. Fit, reinforce, and brace framing members to suit design requirements.

C. Fit and assemble in largest practical sections for delivery to site, ready for installation.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify existing conditions before starting work.

B. Verify that rough-in utilities are in proper location.

3.02 **INSTALLATION OF STUD FRAMING**

A. Extend partition framing as indicated.

B. Partitions Terminating at Structure: Attach extended leg top runner to structure, maintain clearance between top of studs and structure, and brace both flanges of studs as indicated.

C. Align and secure top and bottom runners at 24 inches (600 mm) on center.

D. At partitions indicated with an acoustic rating:

1. Provide components and install as required to produce STC ratings as indicated, based on published tests by manufacturer conducted in accordance with ASTM E90 with STC rating calculated in accordance with ASTM E413.

2. Place one bead of acoustic sealant between runners and substrate , studs and adjacent construction.

3. Place one bead of acoustic sealant between studs and adjacent vertical surfaces.

E. Fit runners under and above openings; secure intermediate studs to same spacing as wall studs.

F. Install studs vertically at spacing indicated on drawings.

G. Align stud web openings horizontally.

H. Secure studs to tracks using crimping method. Do not weld.

I. Stud splicing is permissible; splice studs with 8 inch (200 mm) nested lap, secure each stud flange with flush head screw.

J. Fabricate corners using a minimum of three studs.

K. Double stud at wall openings, door and window jambs, not more than 2 inches (50 mm) from each side of openings.

L. Brace stud framing system rigid.

M. Coordinate erection of studs with requirements of door frames and window frames; install supports and attachments.

N. Coordinate installation of bucks, anchors, and blocking with electrical, mechanical, and other work to be placed within or behind stud framing.

O. Blocking: Use sheet metal or wood backing secured to studs. Provide blocking for support of plumbing fixtures, toilet partitions, wall cabinets, toilet accessories, hardware and opening frames.

P. Furring: Install at spacing and locations shown on drawings. Lap splices a minimum of 6 inches (150 mm).

3.03 **CEILING AND SOFFIT FRAMING**

A. Comply with requirements of ASTM C754.

B. Install furring after work above ceiling or soffit is complete. Coordinate the location of hangers with other work.

C. Install furring independent of walls, columns, and above-ceiling work.

D. Securely anchor hangers to structural members or embed in structural slab. Space hangers as required to limit deflection to criteria indicated. Use rigid hangers at exterior soffits.

E. Space main carrying channels at maximum 72 inch (1 800 mm) on center, and not more than 6 inches (150 mm) from wall surfaces. Lap splice securely.

F. Securely fix carrying channels to hangers to prevent turning or twisting and to transmit full load to hangers.

G. Place furring channels perpendicular to carrying channels, not more than 2 inches (50 mm) from perimeter walls, and rigidly secure. Lap splices securely.

H. Reinforce openings in suspension system that interrupt main carrying channels or furring channels with lateral channel bracing. Extend bracing minimum 24 inches (600 mm) past each opening.

I. Laterally brace suspension system.

3.04 **TOLERANCES**

A. Maximum Variation From True Position: 1/8 inch in 10 feet (3 mm in 3 m).

B. Maximum Variation From Plumb: 1/8 inch in 10 feet (3 mm in 3 m).

A. END OF SECTION

SECTION 092400
CEMENT PLASTERING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Cement plastering.

1.02 RELATED REQUIREMENTS

A. Section 099113 - Exterior Painting.

1.03 REFERENCE STANDARDS

A. ASTM A641/A641M - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire; 2019.

B. ASTM A924/A924M - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process; 2022a.

C. ASTM C91/C91M - Standard Specification for Masonry Cement; 2023.

D. ASTM C150/C150M - Standard Specification for Portland Cement; 2022.

E. ASTM C207 - Standard Specification for Hydrated Lime for Masonry Purposes; 2018.

F. ASTM C897 - Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters; 2015 (Reapproved 2020).

G. ASTM C926 - Standard Specification for Application of Portland Cement-Based Plaster; 2023a.

H. ASTM C932 - Standard Specification for Surface-Applied Bonding Compounds for Exterior Plastering; 2006 (Reapproved 2019).

I. ASTM C1063 - Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster; 2023.

J. ASTM C1328/C1328M - Standard Specification for Plastic (Stucco) Cement; 2023.

K. ASTM C933 - Standard Specification for Welded Wire Lath; 2023.

L. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2023d.

M. ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials; 2022.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements for submittals procedures.

B. Product Data: Provide data on plaster materials and trim accessories.

C. Samples:
   1. Submit two samples, 12 by 12 inch (304.8 by 304.8 mm) in size illustrating finish color and texture.

D. Installer's Qualification Statement.

1.05 QUALITY ASSURANCE

A. Installer Qualifications: Company specializing in performing the work of this section with minimum three years documented experience.

B. Copies of Documents at Project Site: Maintain at the project site a copy of each referenced document that prescribes execution requirements.

1.06 MOCK-UPS

A. See Section 014000 - Quality Requirements for additional requirements.

B. Mock-Up Panel: Construct a 4 foot wide by 8 foot high (1200 mm wide by 2400 mm high) sample panel of plaster work at the jobsite demonstrating installation procedures, finish texture, and color. Show each phase of installation including framing and reinforcement.

C. Construct mock-up of exterior wall, 8 feet (2.4384 m) long by 4 feet (1.2192 m) wide, illustrating surface finish.
   1. Locate where directed.
   2. Mock-up may remain as part of this work.

1.07 FIELD CONDITIONS

A. Exterior Plaster Work: Do not apply plaster when substrate or ambient air temperature is 40 degrees F (4 degrees C) or lower, or when temperature is expected to drop below 40 degrees F (4 degrees C) within 48 hours of application.

PART 2 PRODUCTS

2.01 CEMENT PLASTER APPLICATIONS

A. Solid Plaster Base: Concrete masonry.
   1. Plaster Type: Factory prepared plaster mix.
   2. Number of Coats: Three.
   3. First Coat: Apply to a nominal thickness of 1/4 inch (6 mm).
   4. Second Coat: Apply to a nominal thickness of 1/4 inch (6 mm).
   5. Leveling Coat: Apply to a nominal thickness of 1/32 to 1/16 inch (0.79 to 1.6 mm).
   6. Finish Coat: Apply to a nominal thickness of 1/8 inch (3 mm).
      a. Texture: Smooth to match existing.

2.02 FACTORY PREPARED CEMENT PLASTER

A. Exterior Portland cement plaster system made of scratch and brown base coat, leveling coat with reinforcing mesh, and acrylic finish coat; install in accordance with ASTM C926.
   1. Manufacturer - Basis of Design:
      a. LaHabra; FastWall 300: www.lahabrastucco.com/#sle.
   2. Other Acceptable Manufacturers:
      a. Dryvit Systems, Inc; Dryvit Stuccoat One-Coat System: www.dryvit.com/systems/stucco/#sle.
      b. Master Builders Solutions; Senergy Platinum CI Stucco Ultra: www.master-builders-solutions.com/en-us/#sle.
      c. Master Wall, Inc; Cemplaster Fiberstucco: www.masterwall.com/#sle.
      d. Sika Corporation; Parex Armourwall 300: www.parex.com/#sle.
      e. Sto Corp; Sto Powerwall: www.stocorp.com/#sle.
      f. Substitutions: See Section 016000 - Product Requirements.

2.03 ACCESSORIES

A. Finishing Accessories: ASTM C1063; extruded aluminum alloy (6063 T5), galvanized steel sheet ASTM A924/A924M G90, rolled zinc, or rigid plastic, unless noted otherwise.
   1. Types: As detailed or required for finished appearance.
   2. Special Shapes: In addition to conventional corner bead and control joints, provide U-bead at exposed plaster edges.
   3. Products:
      a. Same manufacturer as framing materials.
      b. Flannery, Inc; Metal Trim for Plaster and Stucco: www.flannerytrim.com/#sle.
      c. Stockton Products; Extruded Aluminum: www.stocktonproducts.com/#sle.
      d. Substitutions: See Section 016000 - Product Requirements.

B. Bonding Compound: Provide type recommended for bonding plaster to solid surfaces, complying with ASTM C932.
   1. Manufacturers:
      a. Larsen Products Corp; Weldcrete: www.larsenproducts.com/#sle.

b. Substitutions: See Section 016000 - Product Requirements.

C. Reinforcing Mesh: 4.5 oz/sq yd (153 g/sq m) alkali-resistant mesh.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions are acceptable prior to starting this work.

B. Verify masonry joints are flush and surfaces are ready to receive work of this section, and that there are no existing bituminous or water repellent coatings on masonry surfaces.

C. Verify concrete surfaces are flat, honeycombs are filled flush, and surfaces are ready to receive work of this section, and that there are no existing bituminous, water repellent, or form release agent coatings on concrete surfaces that may be detrimental to plaster bond.

D. Verify lath is flat, secured to substrate, and joint and surface perimeter accessories are properly in place.

E. Verify mechanical and electrical equipment and services located within areas to receive this work have been properly tested and approved.

3.02 PREPARATION

A. Dampen masonry surfaces to reduce excessive suction.

B. Clean concrete surfaces of foreign matter using approved acid solutions, solvents, or detergents, and then rinse surfaces thoroughly with clean water.

C. Roughen smooth concrete surfaces and apply bonding compound in accordance with manufacturer's written installation instructions.

D. Apply dash bond coat of plaster to solid bases and moist cure for at least 24 hours before applying first coat of jobsite mixed plaster.

3.03 MIXING

A. Mix only as much plaster as can be used prior to initial set.

B. Mix materials dry, to uniform color and consistency, before adding water.

C. Do not retemper mixes after initial set has occurred.

D. Protect mixtures from frost or freezing temperatures, contamination, and excessive evaporation.

3.04 APPLICATION

A. Apply plaster in accordance with manufacturer's written instructions and comply with ASTM C926.

B. Base Coats:
   1. Apply base coat(s) to fully embed lath and to specified thickness.
   2. Follow guidelines in ASTM C926 and manufacturer's written installation instructions for moist curing base coats and application of subsequent coats.

C. Leveling Coat:
   1. Apply leveling coat to specified thickness.
   2. Fully embed reinforcing mesh in leveling coat.

D. Finish Coats:
   1. Cement Plaster:
      a. Apply with sufficient material and pressure to ensure complete coverage of base to specified thickness.
      b. Apply desired surface texture while mix is still workable.
      c. Float to a consistent finish.
   2. Primer and Acrylic Coatings:
      a. Remove surface contaminants such as dust and dirt without damaging substrate.

b. Apply primer in accordance with manufacturer's instructions.
c. Apply finish coating in number of coats and to thickness recommended by manufacturer.

3.05 TOLERANCES

A. Maximum Variation from True Flatness: 1/4 inch in 10 feet (6 mm in 3 m).

3.06 REPAIR

A. Patching: Remove loose, damaged or defective plaster and replace with plaster of same composition; finish to match surrounding area.

END OF SECTION

SECTION 09 30 00
TILING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Tile for floor applications.

B. Cementitious backer board as tile substrate.

C. Ceramic accessories.

D. Ceramic trim.

E. Non-ceramic trim.

1.02 RELATED REQUIREMENTS

A. Section 092116 - Gypsum Board Assemblies: Tile backer board.

1.03 REFERENCE STANDARDS

A. ANSI A108/A118/A136 - American National Standard Specifications for the Installation of Ceramic Tile (Compendium). 2017.

B. ANSI A108.1a - American National Standard Specifications for Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar 2014.

C. ANSI A108.1b - American National Standard Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar 1999 (Reaffirmed 2010).

D. ANSI A108.1c - Specifications for Contractors Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Bed with Dry-Set or Latex-Portland Cement 1999 (Reaffirmed 2010).

E. ANSI A108.4 - American National Standard Specifications for Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive 2009 (Revised).

F. ANSI A108.5 - American National Standard Specifications for Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar 1999 (Reaffirmed 2010).

G. ANSI A108.6 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy 1999 (Reaffirmed 2010).

H. ANSI A108.8 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout 1999 (Reaffirmed 2010).

I. ANSI A108.9 - American National Standard Specifications for Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout 1999 (Reaffirmed 2010).

J. ANSI A108.10 - American National Standard Specifications for Installation of Grout in Tilework 1999 (Reaffirmed 2010).

K. ANSI A108.11 - American National Standard Specifications for Interior Installation of Cementitious Backer Units 2010 (Reaffirmed 2016).

L. ANSI A108.12 - American National Standard for Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar 1999 (Reaffirmed 2010).

M. ANSI A108.13 - American National Standard for Installation of Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone 2005 (Reaffirmed 2010).

N. ANSI A108.19 - American National Standard Specifications for Interior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method Bonded with Modified Dry-Set Cement Mortar or Improved Modified Dry-Set Cement Mortar 2017.

O. ANSI A118.1 - American National Standard Specifications for Dry-Set Cement Mortar 2012 (Revised).

P. ANSI A118.4 - American National Standard Specifications for Modified Dry-Set Cement Mortar 2012 (Revised).

Q. ANSI A118.6 - American National Standard Specifications for Standard Cement Grouts for Tile Installation 2010 (Reaffirmed 2016).

R. ANSI A118.9 - American National Standard Specifications for Test Methods and Specifications for Cementitious Backer Units 1999 (Reaffirmed 2016).

S. ANSI A118.10 - American National Standard Specifications for Load Bearing, Bonded, Waterproof Membranes For Thin-Set Ceramic Tile And Dimension Stone Installation 2014.

T. ANSI A137.1 - American National Standard Specifications for Ceramic Tile 2012.

U. ASTM C373 - Standard Test Methods for Determination of Water Absorption and Associated Properties by Vacuum Method for Pressed Ceramic Tiles and Glass Tiles and Boil Method for Extruded Ceramic Tiles and Non-tile Fired Ceramic Whiteware Products 2018.

V. TCNA (HB) - Handbook for Ceramic, Glass, and Stone Tile Installation 2017.

1.04 **ADMINISTRATIVE REQUIREMENTS**

A. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by all affected installers.

1.05 **SUBMITTALS**

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide manufacturers' data sheets on tile, mortar, grout, and accessories. Include instructions for using grouts and adhesives.

C. Shop Drawings: Indicate tile layout, patterns, color arrangement, perimeter conditions, junctions with dissimilar materials, control and expansion joints, thresholds, ceramic accessories and setting details.

D. Samples: Mount tile and apply grout on two plywood panels, minimum 18 by 18 inches (457 by 457 mm) in size illustrating pattern, color variations, and grout joint size variations.

E. Maintenance Data: Include recommended cleaning methods, cleaning materials, and stain removal methods.

F. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.

1. See Section 016000 - Product Requirements, for additional provisions.

2. Extra Tile: 10 square feet (1 square meters) of each size, color, and surface finish combination.

1.06 **QUALITY ASSURANCE**

A. Maintain one copy of and ANSI A108/A118/A136 and TCNA (HB) on site.

B. Manufacturer Qualifications: Company specializing in manufacturing the types of products specified in this section, with minimum five years of documented experience.

C. Installer Qualifications:

1. Company specializing in performing tile installation, with minimum of five years of documented experience.

1.07 **DELIVERY, STORAGE, AND HANDLING**

A. Protect adhesives from freezing or overheating in accordance with manufacturer's instructions.

1.08 **FIELD CONDITIONS**

A. Do not install solvent-based products in an unventilated environment.

B. Maintain ambient and substrate temperature above 50 degrees F (10 degrees C) during installation and curing of setting materials.

PART 2 PRODUCTS

2.01 **TILE**

A. Manufacturers: All products by the same manufacturer.

1. American Olean Corporation: www.americanolean.com/#sle.
2. Dal-Tile Corporation: www.daltile.com/#sle.
3. Emser Tile, LLC: www.emser.com/#sle.
4. Terrazzo & Marble Supply Companies: www.tmsupply.com/#sle.
5. Substitutions: See Section 016000 - Product Requirements.

B. Quarry Tile, Type __: ANSI A137.1 standard grade. Match existing.

1. Moisture Absorption: Over 3.0 but not more than 5.0 percent as tested in accordance with ASTM C373.
2. Size: 6 by 6 inch (152 by 152 mm), nominal.
3. Thickness: 1/2 inch (12.7 mm), nominal.
4. Edges: Cushioned.
5. Surface Finish: Unglazed.
6. Color(s): To be selected by Architect from manufacturer's standard range.
7. Trim Units: Matching bullnose, cove, cove base, and window sill or step nosing shapes in sizes coordinated with field tile.
8. Products:
    a. Dal-Tile Corporation; _____: www.daltile.com/#sle.
    b. Metropolitan Ceramics: www.metroceramics.com/#sle.
    c. Summitville Tiles, Inc: www.summitville.com/#sle.
    d. Substitutions: See Section 016000 - Product Requirements.

2.02 **TRIM AND ACCESSORIES**

A. Ceramic Accessories: Glazed finish, same color and finish as adjacent field tile; same manufacturer as tile.

B. Ceramic Trim: Matching bullnose, double bullnose, cove base, and cove ceramic shapes in

sizes coordinated with field tile.

1. Applications:

    a. Floor to Wall Joints: Cove base.

2. Manufacturers: Same as for tile.

2.03 **SETTING MATERIALS**

A. Latex-Portland Cement Mortar Bond Coat: ANSI A118.4.

1. Applications: Use this type of bond coat where indicated and where no other type of bond coat is indicated.

2. Products:

a. ARDEX Engineered Cements; ARDEX X 77 MICROTEC: www.ardexamericas.com.

b. AVM Industries, Inc; Thin-Set 780: www.avmindustries.com.

c. Custom Building Products; Complete Contact-LFT Premium Rapid Setting Large Format Tile Mortar, with Multi-Surface Bonding Primer: www.custombuildingproducts.com.

d. LATICRETE International, Inc; LATICRETE 254 Platinum: www.laticrete.com.

e. Merkrete, by Parex USA, Inc; Merkrete 735 Premium Flex: www.merkrete.com.

f. ProSpec, an Oldcastle brand; Permalastic System: www.prospec.com.

g. Substitutions: See Section 01 6000 - Product Requirements.

B. Mortar Bed Materials: Pre-packaged mix of Portland cement, sand, latex additive, and water.

1. Products:

a. LATICRETE International, Inc; LATICRETE 3701 Fortified Mortar Bed: www.laticrete.com.

b. Merkrete, by Parex USA, Inc; Merkrete Underlay C: www.merkrete.com.

c. Proflex Products, Inc; MSI - Mud Set Installation: www.proflex.us.

d. Substitutions: See Section 01 6000 - Product Requirements.

2.04 **GROUTS**

A. Manufacturers:

1. ARDEX Engineered Cements: www.ardexamericas.com.

2. Bostik Inc: www.bostik-us.com.

3. Custom Building Products: www.custombuildingproducts.com.

4. LATICRETE International, Inc; LATICRETE PERMACOLOR Grout: www.laticrete.com.

5. Merkrete, by Parex USA, Inc; Merkrete Duracolor Non-Sanded Color Grout: www.merkrete.com.

6. ProSpec, an Oldcastle brand; ProColor Sanded Tile Grout: www.prospec.com.

7. Substitutions: See Section 01 6000 - Product Requirements.

B. Standard Grout: ANSI A118.6 standard cement grout.

1. Applications: Use this type of grout where indicated and where no other type of grout is indicated.

2. Use sanded grout for joints 1/8 inch wide and larger; use unsanded grout for joints less than 1/8 inch wide.

3. Color(s): As selected by Architect from manufacturer's full line.

B. Epoxy Grout: ANSI A118.3 chemical resistant and water-cleanable epoxy grout.

1. Applications: At any wet locations including locker rooms, restrooms, and showers.

2. Color(s): As selected by Architect from manufacturer’s full line.

2.05 **MAINTENANCE MATERIALS**

A. Tile Sealant: Gunnable, silicone, siliconized acrylic, or urethane sealant; moisture and mildew resistant type.

1. Applications: Between tile and plumbing fixtures.

2. Color(s): As selected by Architect from manufacturer's full line.

B. Grout Sealer: Liquid-applied, moisture and stain protection for existing or new Portland cement grout.

1. Composition: Water-based colorless silicone.

C. Tile Sealer: Stain protection for natural stone.

2.06 **ACCESSORY MATERIALS**

A. Concrete Floor Slab Crack Isolation Membrane: Material complying with ANSI A118.12; not intended as waterproofing.

1. Type: Fluid-applied.

2. Thickness: 20 mils, maximum.

3. Crack Resistance: No failure at 1/16 inch gap, minimum.

B. Waterproofing Membrane at Showers and Tiled Tubs: Specifically designed for bonding to cementitious substrate under thick mortar bed or thin-set tile; complying with ANSI A118.10.

1. Fluid or Trowel Applied Type:

a. Thickness: 25 mils (0.6 mm), minimum, dry film thickness.

C. Backer Board: Cementitious type complying with ANSI A118.9; high density, glass fiber reinforced, [5/8] inch thick; 2 inch (51 mm) wide coated glass fiber tape for joints and corners.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify that sub-floor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive tile.

B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive tile.

C. Verify that sub-floor surfaces are dust-free and free of substances that could impair bonding of setting materials to sub-floor surfaces.

3.02 **PREPARATION**

A. Protect surrounding work from damage.

B. Vacuum clean surfaces and damp clean.

C. Seal substrate surface cracks with filler. Level existing substrate surfaces to acceptable flatness tolerances.

D. Install backer board in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of setting material to a feather edge.

3.03 **INSTALLATION - GENERAL**

A. Install tile, thresholds and stair treads and grout in accordance with applicable requirements of ANSI A108.1a through ANSI A108.19 , manufacturer's instructions, and TCNA (HB) recommendations.

B. Request tile pattern. Do not interrupt tile pattern through openings.

C. Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Align floor joints.

D. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make grout joints without voids, cracks, excess mortar or excess grout, or too little grout.

E. Install ceramic accessories rigidly in prepared openings.

F. Install non-ceramic trim in accordance with manufacturer's instructions.

G. Install thresholds where indicated.

H. Sound tile after setting. Replace hollow sounding units.

I. Keep control and expansion joints free of mortar, grout, and adhesive.

J. Prior to grouting, allow installation to completely cure; minimum of 48 hours.

K. Grout tile joints unless otherwise indicated. Use standard grout unless otherwise indicated.

L. At changes in plane and tile-to-tile control joints, use tile sealant instead of grout, with either bond breaker tape or backer rod as appropriate to prevent three-sided bonding.

3.04 **INSTALLATION - FLOORS - THIN-SET METHODS**

A. Over interior concrete substrates, install in accordance with TCNA (HB) Method F113, dry-set or latex-Portland cement bond coat, with standard grout, unless otherwise indicated.

1. Where waterproofing membrane is indicated, install in accordance with TCNA (HB) Method F122, with latex-Portland cement grout.

3.05 **INSTALLATION - FLOORS - MORTAR BED METHODS**

A. Over interior concrete substrates, install in accordance with TCNA (HB) Method F111, with cleavage membrane, unless otherwise indicated.

B. Cleavage Membrane: Lap edges and ends.

C. Mortar Bed Thickness: 5/8 inch (15.9 mm), unless otherwise indicated.

3.06 **CLEANING**

A. Clean tile and grout surfaces.

3.07 **PROTECTION**

A. Do not permit traffic over finished floor surface for 4 days after installation.

END OF SECTION

SECTION 09 51 00
ACOUSTICAL CEILINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Suspended metal grid ceiling system.

B. Acoustical units.

1.02 REFERENCE STANDARDS

A. ASCE 7 - Minimum Design Loads and Associated Criteria for Buildings and Other Structures Most Recent Edition Cited by Referring Code or Reference Standard.

B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process 2019a.

C. ASTM C635/C635M - Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings 2017.

D. ASTM C636/C636M - Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels 2013.

E. ASTM E580/E580M - Standard Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions 2017.

F. ASTM E1264 - Standard Classification for Acoustical Ceiling Products 2014.

1.03 ADMINISTRATIVE REQUIREMENTS

A. Sequence work to ensure acoustical ceilings are not installed until building is enclosed, sufficient heat is provided, dust generating activities have terminated, and overhead work is completed, tested, and approved.

B. Do not install acoustical units until after interior wet work is dry.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Shop Drawings: Indicate grid layout and related dimensioning, junctions with other ceiling finishes and installation details required for seismic design loads.

C. Product Data: Provide data on suspension system components and acoustical units.

D. Samples: Submit two full size samples illustrating material and finish of acoustical units.

E. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

F. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.

1. See Section 016000 - Product Requirements, for additional provisions.

2. Extra Acoustical Units: Quantity equal to 5 percent of total installed.

1.05 FIELD CONDITIONS

A. Maintain uniform temperature of minimum 60 degrees F (16 degrees C), and maximum humidity of 40 percent prior to, during, and after acoustical unit installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Acoustic Tiles/Panels:

1. Armstrong World Industries, Inc; www.armstrong.com

2. CertainTeed Corporationwww.certainteed.com
3. Hunter Douglas Architectural; Techstyle Series: www.hunterdouglasarchitectural.com
4. Substitutions: See Section 016000 - Product Requirements.

B. Suspension Systems:
1. Same as for acoustical units.

2.02 **PERFORMANCE REQUIREMENTS**

A. Seismic Performance: Ceiling systems designed to withstand the effects of earthquake motions determined according to ASCE 7 for Seismic Design Category D and complying with the following:
1. Local authorities having jurisdiction.

2.03 **ACOUSTICAL UNITS**

A. Acoustical Units - General: ASTM E1264, Class A.

B. Acoustical Panels to match existing.
1. Suspension System: Exposed grid.
2. Products:
a. Basis-of-Design Product: Armstrong World Industries, Inc; Dune ; www.usg.com/ceilings
b. Provide comparable product by one of the listed manufacturers under section 2.01.
c. Substitutions: See Section 016000 - Product Requirements.

2.04 **SUSPENSION SYSTEM(S)**

A. Metal Suspension Systems - General: Complying with ASTM C635/C635M; die cut and interlocking components, with perimeter moldings, hold down clips, stabilizer bars, clips and splices as required.
1. Materials:
a. Steel Grid: ASTM A653/A653M, G30 coating, unless otherwise indicated.

B. Exposed Suspension System: Hot-dipped galvanized steel grid with aluminum cap.
1. Structural Classification: Heavy-duty, when tested in accordance with ASTM C635/C635M.
2. Profile: Tee; 15/16 inch (24 mm) face width.
3. Finish: Baked enamel.
4. Color: White.

2.05 **ACCESSORIES**

A. Support Channels and Hangers: Galvanized steel; size and type to suit application, seismic requirements, and ceiling system flatness requirement specified.

B. Hanger Wire: 12-gage 0.08 inch (2 mm) galvanized steel wire.

C. Hold-Down Clips: Manufacturer's standard clips to suit application.

D. Seismic Clips: Manufacturer's standard clips for seismic conditions and to suit application.

E. Perimeter Moldings: Same metal and finish as grid.
1. Size: As required for installation conditions and specified Seismic Design Category.

2. Angle Molding: L-shaped, for mounting at same elevation as face of grid.
3. Acoustical Sealant For Perimeter Moldings: Non-hardening, non-skinning, for use in conjunction with suspended ceiling system.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify existing conditions before starting work.

B. Verify that layout of hangers will not interfere with other work.

3.02 **PREPARATION**

A. Install after major above-ceiling work is complete.

B. Coordinate the location of hangers with other work.

3.03 **INSTALLATION - SUSPENSION SYSTEM**

A. Install suspension system in accordance with ASTM C636/C636M, ASTM E580/E580M and manufacturer's instructions and as supplemented in this section.

B. Rigidly secure system, including integral mechanical and electrical components, for maximum deflection of 1:360.

C. Locate system on room axis according to reflected plan.

D. Perimeter Molding: Install at intersection of ceiling and vertical surfaces and at junctions with other interruptions.

1. Use longest practical lengths.
2. Overlap and rivet corners.

E. Seismic Suspension System, Seismic Design Categories D, E, F: Hang suspension system with grid ends attached to the perimeter molding on two adjacent walls; on opposite walls, maintain a 3/4 inch (19 mm) clearance between grid ends and wall.

F. Where ducts or other equipment prevent the regular spacing of hangers, reinforce the nearest affected hangers and related carrying channels to span the extra distance.

G. Do not support components on main runners or cross runners if weight causes total dead load to exceed deflection capability.

H. Support fixture loads using supplementary hangers located within 6 inches (152 mm) of each corner, or support components independently.

I. Do not eccentrically load system or induce rotation of runners.

J. Form expansion joints as detailed. Form to accommodate plus or minus 1 inch (25 mm) movement. Maintain visual closure.

3.04 **INSTALLATION - ACOUSTICAL UNITS**

A. Install acoustical units in accordance with manufacturer's instructions.

B. Fit acoustical units in place, free from damaged edges or other defects detrimental to appearance and function.

C. Fit border trim neatly against abutting surfaces.

D. Install acoustical units level, in uniform plane, and free from twist, warp, and dents.

E. Cutting Acoustical Units:

1. Make field cut edges of same profile as factory edges.

F. Where round obstructions occur, provide preformed closures to match perimeter molding.

3.05 **TOLERANCES**

A. Maximum Variation from Flat and Level Surface: 1/8 inch in 10 feet (3 mm in 3 m).

B. Maximum Variation from Plumb of Grid Members Caused by Eccentric Loads: 2 degrees.

A. END OF SECTION

SECTION 09 65 00
RESILIENT FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Resilient base.

B. Installation accessories.

1.02 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.

C. Selection Samples: Submit manufacturer's complete set of color samples for Architect's initial selection.

D. Verification Samples: Submit two samples, 6 X 6 inch in size illustrating color and pattern for each resilient flooring product specified.

E. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

1.03 QUALITY ASSURANCE

A. Installer Qualifications: Company specializing in installing specified flooring with minimum three years documented experience.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Upon receipt, immediately remove any shrink-wrap and check materials for damage and the correct style, color, quantity and run numbers.

B. Store all materials off of the floor in an acclimatized, weather-tight space.

C. Maintain temperature in storage area between 55 degrees F (13 degrees C) and 90 degrees F (72 degrees C).

D. Protect roll materials from damage by storing on end.

E. Do not double stack pallets.

1.05 FIELD CONDITIONS

A. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F (21 degrees C) to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F (13 degrees C).

PART 2 PRODUCTS

2.01 RESILIENT BASE

A. Resilient Base: ASTM F1861, Type TV, vinyl, thermoplastic; top set Style B, Cove.Match existing.

1. Manufacturers:

a. Johnsonite, a Tarkett Company; www.johnsonite.com

b. Roppe Corp; www.roppe.com

c. Armstrong; www.armstrongflooring.com/

d. Substitutions: See Section 016000 - Product Requirements.

2. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter, when tested in accordance with ASTM E648 or NFPA 253.

3. Height: 4 inch (100 mm).

4. Thickness: 0.125 inch (3.2 mm).

5. Finish: Satin.

6. Length: Roll.

7. Color: To be selected by Architect from manufacturer's full range.

8. Accessories: Premolded external corners and internal corners.

2.02 **ACCESSORIES**

A. Primers, Adhesives and Seam Sealer: Waterproof; types recommended by flooring manufacturer.

B. Moldings, Transition and Edge Strips: Same material as flooring.

C. Filler for Coved Base: Plastic.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient base.

3.02 **INSTALLATION - GENERAL**

A. Starting installation constitutes acceptance of subfloor conditions.

B. Install in accordance with manufacturer's written instructions.

3.03 **INSTALLATION - RESILIENT BASE**

A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches (45 mm) between joints.

B. Miter internal corners. At external corners, 'V' cut back of base strip to 2/3 of its thickness and fold. At exposed ends, use premolded units.

C. Install base on solid backing. Bond tightly to wall and floor surfaces.

D. Scribe and fit to door frames and other interruptions.

3.04 **CLEANING**

A. Remove excess adhesive from floor, base, and wall surfaces without damage.

B. Clean in accordance with manufacturer's written instructions.

END OF SECTION

SECTION 096700
FLUID-APPLIED FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Fluid-applied flooring.

1.02 RELATED REQUIREMENTS

A. Section 079200 - Joint Sealants: Sealing joints between fluid-applied flooring and adjacent construction and fixtures.

1.03 REFERENCE STANDARDS

A. ASTM D570 - Standard Test Method for Water Absorption of Plastics; 2022.

B. ASTM D905 - Standard Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading; 2008 (Reapproved 2021).

C. ASTM D4060 - Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser; 2019.

D. ASTM E96/E96M - Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials; 2023.

E. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2022.

F. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride; 2023.

G. ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes; 2019a.

H. ICRI 310.2R - Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays, and Concrete Repair; 2013.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements for submittal procedures.

B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns and colors available.

C. Samples: Submit two samples, 4 by 4 inch (101.6 by 101.6 mm) in size illustrating color and pattern for each floor material for each color specified.

D. Concrete Subfloor Test Report: Submit a copy of the moisture and alkalinity (pH) test reports.

E. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention, and application rate for each coat.

F. Manufacturer's Qualification Statement.

G. Applicator's Qualification Statement.

H. Maintenance Data: Include maintenance procedures, recommended maintenance materials, procedures for stain removal, repairing surface, and suggested schedule for cleaning.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

B. Applicator Qualifications: Company specializing in performing the work of this section.
   1. Minimum 3 years of experience.
   2. Approved by manufacturer.

1.06 MOCK-UPS

A. See Section 014000 - Quality Requirements for additional requirements.

B. Obtain approval of mock-up by Architect before proceeding with work.

C. Approved mock-up may remain as part of the work.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Store resin materials in a dry, secure area.

B. Store materials for three days prior to installation in area of installation to achieve temperature stability.

1.08 FIELD CONDITIONS

A. Maintain minimum temperature in storage area of 55 degrees F (13 degrees C).

B. Store materials in area of installation for minimum period of 24 hours prior to installation.

C. Maintain ambient temperature required by manufacturer 72 hours prior to, during, and 24 hours after installation of materials.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Fluid-Applied Flooring:
   1. Crossfield Products Corp; _____: www.crossfieldproducts.com/#sle.
   2. Elite Crete Systems; _____: www.elitecrete.com/#sle.
   3. Flowcrete Americas; _____: www.flowcreteamericas.com/#sle.
   4. Key Resin Company; _____: www.keyresin.com/#sle.
   5. LATICRETE International, Inc; _____: www.laticrete.com/#sle.
   6. Life Specialty Coatings; ____: www.lifespecialtycoatings.com/#sle.
   7. PPG Flooring; ____: www.ppgpaints.com/#sle and www.ppgpmc.com/home.aspx/#sle.
   8. Sherwin-Williams Company; _____: www.protective.sherwin-williams.com/#sle.
   9. Sherwin-Williams High-Performance Flooring; _____: www.sherwin-williams.com/resin-flooring/#sle.
   10. Sika Corporation; _____: www.sikafloorusa.com/#sle.
   11. Terrazzo & Marble Supply Companies; ____: www.tmsupply.com/#sle.

2.02 FLUID-APPLIED FLOORING SYSTEMS

A. Fluid-Applied Flooring: Epoxy base coat(s), polyurethane top coat, no aggregate.
   1. System Thickness: 30 mils (0.76 mm), nominal, dry film thickness (DFT).
   2. Texture: Smooth.
   3. Sheen: High gloss.
   4. Color: As selected by Architect.
   5. Basis of Design Product: Key Resin Company; Key High-Build Coating System : www.keyresin.com/#sle.
   6. Products:
      a. Elite Crete Systems; Hermetic Neat Floor System: www.elitecrete.com/#sle.
      b. Key Resin Company; Key High-Build Coating System: www.keyresin.com/#sle.
      c. Sherwin-Williams Company; Armorseal 100% Solids Epoxy/Polyurethane: www.protective.sherwin-williams.com/#sle.
      d. Sika Corporation; Sikafloor Morritex Coating System: www.sikafloorusa.com/#sle.
      e. Substitutions: See Section 016000 - Product Requirements.

2.03 ACCESSORIES

A. Subfloor Filler: Type recommended by fluid-applied flooring manufacturer.

B. Primer: Type recommended by fluid-applied flooring manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that subfloor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive flooring.

B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive flooring.

C. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of materials to subfloor surfaces.

D. Cementitious Subfloor Surfaces: Verify that substrates are ready for fluid-applied flooring installation by testing for moisture and alkalinity (pH).
   1. Test as Follows:
      a. Alkalinity (pH): ASTM F710.
      b. Internal Relative Humidity: ASTM F2170.
      c. Moisture Vapor Emission: ASTM F1869.
   2. Obtain instructions if test results are not within limits recommended by fluid-applied flooring manufacturer.

E. Verify that required floor-mounted utilities are in correct location.

3.02 PREPARATION

A. Remove subfloor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with subfloor filler.

B. Prepare concrete surfaces according to ICRI 310.2R.

C. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Grind irregularities above the surface level. Prohibit traffic until filler is cured.

D. Vacuum clean substrate.

E. Apply primer to surfaces required by flooring manufacturer.

3.03 INSTALLATION - FLOORING

A. Apply in accordance with manufacturer's instructions.

B. Apply each coat to minimum thickness required by manufacturer.

C. Finish to smooth level surface.

3.04 FIELD QUALITY CONTROL

A. See Section 014000 - Quality Requirements, for additional requirements.

B. Test installed floor surface in accordance with ANSI/ESD STM7.1 .

3.05 PROTECTION

A. Prohibit traffic on floor finish for 48 hours after installation.

B. Barricade area to protect flooring until fully cured.

END OF SECTION

SECTION 09 68 13
TILE CARPETING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Carpet tile, fully adhered.

1.02 REFERENCE STANDARDS

A. ASTM D2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials 2016.

B. ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source 2017.

C. CRI 104 - Standard for Installation of Commercial Carpet 2015.

D. CRI (GLP) - Green Label Plus Testing Program - Certified Products Current Edition.

E. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source 2015.

1.03 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns, colors available, and method of installation.

C. Shop Drawings: Indicate layout of joints.

D. Samples: Submit two carpet tiles illustrating color and pattern design for each carpet color selected.

E. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

F. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.

G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.

1. See Section 016000 - Product Requirements, for additional provisions.

2. Extra Carpet Tiles: Quantity equal to 5 percent of total installed of each color and pattern installed.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing specified carpet tile with minimum three years documented experience.

B. Installer Qualifications: Company specializing in installing carpet tile with minimum three years documented experience and approved by carpet tile manufacturer.

1.05 FIELD CONDITIONS

A. Store materials in area of installation for minimum period of 24 hours prior to installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS:

A. Basis-of-Design Product: MATCH EXISTING

Carpet Tile:
1. Shaw Industries Group, Inc.; www.shawcontract.com

2. J+J Flooring Group; www.jjflooringgroup.com
3. Interface, Inc; www.interfaceinc.com
4. Lees Carpets; www.leescarpets.com
5. Milliken & Company; www.milliken.com
6. Tandus; www.tandus.com
7. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 **MATERIALS**

A. Tile Carpeting: Tufted, manufactured in one color dye lot.
1. Tile Size: 24 by 24 inch, nominal.
2. Color: provide manufacturer's color swatch for Architect's selection.
3. Construction: Multi-level pattern loop
4. Critical Radiant Flux: Minimum of 0.45 watts/sq cm, when tested in accordance with ASTM E648 or NFPA 253.
5. Surface Flammability Ignition: Pass ASTM D2859 (the "pill test").
6. VOC Content: Provide CRI (GLP) certified product.
7. Gage: [1/12] inch.
8. Stitches: 9 per inch.
9. Protective Treatments: Soil Protection
10. Primary Backing Material: manufacturer's recommended.

2.03 **ACCESSORIES**

A. Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.
B. Edge Strips: Embossed aluminum, color as selected by Architect.
C. Carpet Tile Adhesive: Recommended by carpet tile manufacturer; releasable type.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Verify that subfloor surfaces are smooth and flat within tolerances specified for that type of work and are ready to receive carpet tile.
B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive carpet tile.
C. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to subfloor surfaces.
D. Cementitious Subfloor Surfaces: Verify that substrates are ready for flooring installation by testing for moisture and alkalinity (pH).
1. Obtain instructions if test results are not within limits recommended by flooring material manufacturer and adhesive materials manufacturer.
E. Verify that required floor-mounted utilities are in correct location.

3.02 **PREPARATION**

A. Prepare floor substrates as recommended by flooring and adhesive manufacturers.
B. Remove subfloor ridges and bumps. Fill minor or local low spots, cracks, joints, holes, and other defects with subfloor filler.

C. Vacuum clean substrate.

3.03 **INSTALLATION**

A. Starting installation constitutes acceptance of subfloor conditions.

B. Install carpet tile in accordance with manufacturer's instructions.

C. Blend carpet from different cartons to ensure minimal variation in color match.

D. Cut carpet tile clean. Fit carpet tight to intersection with vertical surfaces without gaps.

E. Lay carpet tile in square pattern, with pile direction parallel to next unit, set parallel to building lines.

F. Fully adhere carpet tile to substrate.

G. Trim carpet tile neatly at walls and around interruptions.

H. Complete installation of edge strips, concealing exposed edges.

3.04 **CLEANING**

A. Remove excess adhesive without damage, from floor, base, and wall surfaces.

B. Clean and vacuum carpet surfaces.

END OF SECTION

SECTION 09 91 13
EXTERIOR PAINTING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Surface preparation.

B. Field application of paints.

C. Scope: Finish exterior surfaces exposed to view, unless fully factory-finished and unless otherwise indicated, including the following:

D. Do Not Paint or Finish the Following Items:

1. Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished.
2. Items indicated to receive other finishes.
3. Items indicated to remain unfinished.
4. Fire rating labels, equipment serial number and capacity labels, and operating parts of equipment.
5. Floors, unless specifically indicated.
6. Ceramic and other types of tiles.
7. Glass.
8. Concealed pipes, ducts, and conduits.

1.02 REFERENCE STANDARDS

A. 40 CFR 59, Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings; U.S. Environmental Protection Agency current edition.

B. ASTM D4258 - Standard Practice for Surface Cleaning Concrete for Coating 2005 (Reapproved 2017).

C. ASTM D4442 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials 2016.

D. MPI (APL) - Master Painters Institute Approved Products List; Master Painters and Decorators Association Current Edition.

E. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual Current Edition.

F. SSPC-SP 1 - Solvent Cleaning 2015, with Editorial Revision (2016).

G. SSPC-SP 2 - Hand Tool Cleaning 2018.

H. SSPC-SP 6 - Commercial Blast Cleaning 2007.

I. SSPC-SP 13 - Surface Preparation of Concrete 1997 (Reaffirmed 2003).

1.03 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide complete list of products to be used, with the following information for each:

1. Manufacturer's name, product name and/or catalog number, and general product category (e.g. "alkyd enamel").
2. MPI product number (e.g. MPI #47).

3. Cross-reference to specified paint system(s) product is to be used in; include description of each system.
4. Manufacturer's installation instructions.

C. Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches (216 by 279 mm) in size, illustrating range of colors available for each finishing product specified.
1. Where sheen is specified, submit samples in only that sheen.
2. Where sheen is not specified, discuss sheen options with Architect before preparing samples, to eliminate sheens definitely not required.
3. Paint color submittals will not be considered until color submittals for major materials not to be painted, such as masonry, have been approved.

D. Samples: Submit two paper chip samples, 4 x 4 inch in size illustrating range of colors and textures available for each surface finishing product scheduled.

E. Manufacturer's Instructions: Indicate special surface preparation procedures.

F. Maintenance Data: Submit data including finish schedule showing where each product/color/finish was used, product technical data sheets, material safety data sheets (MSDS), care and cleaning instructions, touch-up procedures, repair of painted and finished surfaces and color samples of each color and finish used.

G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
1. See Section 016000 - Product Requirements, for additional provisions.
2. Extra Paint and Finish Materials: 5 gallons of each color; from the same product run, store where directed.
3. Label each container with color in addition to the manufacturer's label.

1.04 **QUALITY ASSURANCE**

A. Applicator Qualifications: Company specializing in performing the type of work specified with minimum 3 years experience and approved by manufacturer.

1.05 **MOCK-UP**

A. See Section 014000 - Quality Requirements, for general requirements for mock-up.

B. Provide panel, 8 feet long by 8 feet wide, illustrating paint color, texture, and finish.

C. Provide door and frame assembly illustrating paint color, texture, and finish.

D. Locate where directed by Architect.

E. Mock-up may remain as part of the work.

F. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.

1.06 **DELIVERY, STORAGE, AND HANDLING**

A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.

B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.

C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, and as required by manufacturer's instructions.

1.07 **FIELD CONDITIONS**

A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.

B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.

C. Do not apply exterior paint and finishes during rain, or when relative humidity is outside the humidity ranges required by the paint product manufacturer.

D. Minimum Application Temperatures for Latex Paints: 50 degrees F (10 degrees C) for exterior; unless required otherwise by manufacturer's instructions.

E. Provide lighting level of 80 ft candles (860 lx) measured mid-height at substrate surface.

PART 2 PRODUCTS

2.01 **MANUFACTURERS**

A. Provide paints and finishes used in any individual system from the same manufacturer; no exceptions.

B. Paints:

1. Behr Process Corporation: www.behr.com.
2. Benjamin Moore & Co: www.benjaminmoore.com.
3. Duron, Inc: www.duron.com.
4. PPG Paints: www.ppgpaints.com.
5. Pratt & Lambert Paints: www.prattandlambert.com.
6. Sherwin-Williams Company: www.sherwin-williams.com.
7. Dunn-Edwards Corporation: https://www.dunnedwards.com

C. Transparent Finishes:

1. Behr Process Corporation: www.behr.com.
2. Sherwin-Williams Company: www.sherwin-williams.com.

D. Primer Sealers: Same manufacturer as top coats.

E. Substitutions: See Section 01 6000 - Product Requirements.

2.02 **PAINTS AND FINISHES - GENERAL**

A. Paints and Finishes: Ready mixed, unless required to be a field-catalyzed paint.

1. Where MPI paint numbers are specified, provide products listed in Master Painters Institute Approved Product List, current edition available at www.paintinfo.com, for specified MPI categories, except as otherwise indicated.
2. Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
3. Provide materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
4. Supply each paint material in quantity required to complete entire project's work from a single production run.
5. Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.

B. Volatile Organic Compound (VOC) Content:

1. Provide paints and finishes that comply with the most stringent requirements specified in the following:

a. 40 CFR 59, Subpart D--National Volatile Organic Compound Emission Standards for Architectural Coatings.

2. Determination of VOC Content: Testing and calculation in accordance with 40 CFR 59, Subpart D (EPA Method 24), exclusive of colorants added to a tint base and water added at project site; or other method acceptable to authorities having jurisdiction.

C. Flammability: Comply with applicable code for surface burning characteristics.

D. Sheens: Provide the sheens specified; where sheen is not specified, sheen will be selected later by Architect from the manufacturer's full line.

E. Colors: To be selected from manufacturer's full range of available colors.

1. Selection to be made by Architect after award of contract.

2. Allow for minimum of three colors for each system, unless otherwise indicated, without additional cost to Owner.

3. Extend colors to surface edges; colors may change at any edge as directed by Architect.

2.03 **PAINT SYSTEMS - EXTERIOR**

A. Paint E-OP - Exterior Surfaces to be Painted, Unless Otherwise Indicated: Including concrete, concrete masonry units, primed wood and primed metal.

1. Two top coats and one coat primer.

2. Top Coat(s): Exterior Latex; MPI #10, 11, 15, 119, or 214.

3. Top Coat Sheen:

a. Semi-Gloss: MPI gloss level 5; use this sheen at all locations.

4. Primer: As recommended by top coat manufacturer for specific substrate.

B. Paint E-TR-C - Transparent Finish on Concrete Floors:

1. 1 coat stain.

2. Stain: Semi-Transparent Stain for Concrete Floors; MPI #58.

3. Sealer: Water Based Sealer for Concrete Floors; MPI #99.

4. Sealer Sheen:

a. Satin: MPI gloss level 4; use this sheen at all locations.

C. Paint CE-OP-3L - Masonry/Concrete, Opaque, Latex, 3 Coat:

1. One coat of block filler.

2. Flat: Two coats of latex enamel.

D. Paint ME-OP-3A - Ferrous Metals, Unprimed, Alkyd, 3 Coat:

1. One coat of alkyd primer.

2. Semi-gloss: Two coats of alkyd enamel.

E. Paint ME-OP-2A - Ferrous Metals, Primed, Alkyd, 2 Coat:

1. Touch-up with rust-inhibitive primer recommended by top coat manufacturer.

2. Semi-gloss: Two coats of alkyd enamel.

F. Paint MgE-OP-3A - Galvanized Metals, Alkyd, 3 Coat:
   1. One coat galvanize primer.
   2. Semi-gloss: Two coats of alkyd enamel.

G. Paint MaE-OP-3A - Aluminum, Unprimed, Alkyd, 3 Coat:
   1. One coat etching primer.
   2. Semi-gloss: Two coats of alkyd enamel.

H. Paint E-Pav - Pavement Marking Paint:
   1. White: One coat, with reflective particles.

2.04 **PRIMERS**

A. Primers: Provide the following unless other primer is required or recommended by manufacturer of top coats.
   1. Alkali Resistant Water Based Primer; MPI #3.
   2. Interior/Exterior Latex Block Filler; MPI #4.
   3. Anti-Corrosive Alkyd Primer for Metal; MPI #79.
   4. Interior/Exterior Quick Dry Alkyd Primer for Metal; MPI #76.
   5. Rust-Inhibitive Water Based Primer; MPI #107.
   6. Interior/Exterior Quick Dry Primer for Aluminum; MPI #95.
   7. Latex Primer for Exterior Wood; MPI #6.
   8. Bonding Primer, Water Based; MPI #17.

2.05 **ACCESSORY MATERIALS**

A. Accessory Materials: Provide primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of painted surfaces.

B. Patching Material: Latex filler.

C. Fastener Head Cover Material: Latex filler.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Do not begin application of paints and finishes until substrates have been properly prepared.

B. Verify that surfaces are ready to receive work as instructed by the product manufacturer.

C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially effect proper application.

D. Test shop-applied primer for compatibility with subsequent cover materials.

E. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:
   1. Masonry, Concrete, and Concrete Masonry Units: 12 percent.
   2. Exterior Wood: 15 percent, measured in accordance with ASTM D4442.
   3. Concrete Floors and Traffic Surfaces: 8 percent.

3.02 **PREPARATION**

A. Clean surfaces thoroughly and correct defects prior to application.

B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

C. Remove or repair existing paints or finishes that exhibit surface defects.

D. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces for finishing.

E. Seal surfaces that might cause bleed through or staining of topcoat.

F. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.

G. Concrete:

1. Remove release agents, curing compounds, efflorescence, and chalk. Do not coat surfaces if moisture content or alkalinity of surfaces to be coated exceeds that permitted in manufacturer's written instructions.

2. Clean concrete according to ASTM D4258. Allow to dry.

3. Prepare surface as recommended by top coat manufacturer and according to SSPC-SP 13.

H. Masonry:

1. Remove efflorescence and chalk. Do not coat surfaces if moisture content or alkalinity of surfaces or if alkalinity of mortar joints exceed that permitted in manufacturer's written instructions. Allow to dry.

2. Prepare surface as recommended by top coat manufacturer.

I. Asphalt, Creosote, or Bituminous Surfaces: Remove foreign particles to permit adhesion of finishing materials. Apply latex based sealer or primer.

J. Concrete Floors and Traffic Surfaces: Remove contamination, acid etch, and rinse floors with clear water. Verify required acid-alkali balance is achieved. Allow to dry.

K. Galvanized Surfaces:

1. Remove surface contamination and oils and wash with solvent according to SSPC-SP

2. Prepare surface according to SSPC-SP 2.

L. Ferrous Metal:

1. Solvent clean according to SSPC-SP 1.

2. Shop-Primed Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Re-prime entire shop-primed item.

3. Remove rust, loose mill scale, and other foreign substances using methods recommended in writing by paint manufacturer and blast cleaning according to SSPC-SP 6 "Commercial Blast Cleaning". Protect from corrosion until coated.

M. Exterior Wood Surfaces to Receive Opaque Finish: Remove dust, grit, and foreign matter. Seal knots, pitch streaks, and sappy sections. Fill nail holes with tinted exterior calking compound after prime coat has been applied. Back prime concealed surfaces before installation.

N. Metal Doors to be Painted: Prime metal door top and bottom edge surfaces.

3.03 **APPLICATION**

A. Exterior Wood to Receive Opaque Finish: If final painting must be delayed more than 2 weeks after installation of woodwork, apply primer within 2 weeks and final coating within 4 weeks.

B. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".

C. Where adjacent sealant is to be painted, do not apply finish coats until sealant is applied.

D. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.

E. Apply each coat to uniform appearance.

F. Dark Colors and Deep Clear Colors: Regardless of number of coats specified, apply additional coats until complete hide is achieved.

G. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.

H. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

3.04 **CLEANING**

A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.05 **PROTECTION**

A. Protect finishes until completion of project.

B. Touch-up damaged finishes after Substantial Completion.

END OF SECTION

SECTION 09 91 23
INTERIOR PAINTING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Surface preparation.

B. Field application of paints.

C. Scope: Finish interior surfaces exposed to view, unless fully factory-finished and unless otherwise indicated.

1. Both sides and edges of plywood backboards for electrical and telecom equipment before installing equipment.

2. Mechanical and Electrical:

a. In finished areas, paint insulated and exposed pipes, conduit, boxes, insulated and exposed ducts, hangers, brackets, collars and supports, mechanical equipment and electrical equipment, unless otherwise indicated.

b. In finished areas, paint shop-primed items.

D. Do Not Paint or Finish the Following Items:

1. Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished.

2. Items indicated to receive other finishes.

3. Items indicated to remain unfinished.

4. Fire rating labels, equipment serial number and capacity labels, bar code labels, and operating parts of equipment.

5. Stainless steel, anodized aluminum, bronze, terne coated stainless steel, and lead items.

6. Marble, granite, slate, and other natural stones.

7. Floors, unless specifically indicated.

8. Ceramic and other tiles.

9. Glass.

10. Concealed pipes, ducts, and conduits.

1.02 REFERENCE STANDARDS

A. 40 CFR 59, Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings; U.S. Environmental Protection Agency current edition.

B. ASTM D4258 - Standard Practice for Surface Cleaning Concrete for Coating 2005 (Reapproved 2017).

C. ASTM D4442 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials 2016.

D. MPI (APL) - Master Painters Institute Approved Products List; Master Painters and Decorators Association Current Edition.

E. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual Current Edition.

F. SSPC-SP 1 - Solvent Cleaning 2015, with Editorial Revision (2016).

G. SSPC-SP 2 - Hand Tool Cleaning 2018.

H. SSPC-SP 6 - Commercial Blast Cleaning 2007.

I. SSPC-SP 13 - Surface Preparation of Concrete 1997 (Reaffirmed 2003).

1.03 **SUBMITTALS**

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide complete list of products to be used, with the following information for each:

1. Manufacturer's name, product name and/or catalog number, and general product category (e.g. "alkyd enamel").

2. MPI product number (e.g. MPI #47).

3. Cross-reference to specified paint system(s) product is to be used in; include description of each system.

4. Manufacturer's installation instructions.

C. Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches (216 by 279 mm) in size, illustrating range of colors available for each finishing product specified.

1. Where sheen is specified, submit samples in only that sheen.

2. Where sheen is not specified, discuss sheen options with Architect before preparing samples, to eliminate sheens definitely not required.

3. Paint color submittals will not be considered until color submittals for major materials not to be painted, such as wood cabinets and wood doors, have been approved.

D. Samples: Submit two paper chip samples, 4 x 4 inch in size illustrating range of colors and textures available for each surface finishing product scheduled.

E. Certification: By manufacturer that paints and finishes comply with VOC limits specified.

F. Manufacturer's Instructions: Indicate special surface preparation procedures.

G. Maintenance Data: Submit data including finish schedule showing where each product/color/finish was used, product technical data sheets, material safety data sheets (MSDS), care and cleaning instructions, touch-up procedures, repair of painted and finished surfaces and color samples of each color and finish used.

H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.

1. See Section 016000 - Product Requirements, for additional provisions.

2. Extra Paint and Finish Materials: 5 gallons of each color; from the same product run, store where directed.

3. Label each container with color in addition to the manufacturer's label.

1.04 **QUALITY ASSURANCE**

A. Applicator Qualifications: Company specializing in performing the type of work specified with minimum 3 years experience and approved by manufacturer.

1.05 **MOCK-UP**

A. See Section 014000 - Quality Requirements, for general requirements for mock-up.

B. Provide panel, 8 feet long by 8 feet wide, illustrating paint color, texture, and finish.

C. Provide door and frame assembly illustrating paint color, texture, and finish.

D. Locate where directed by Architect.

E. Mock-up may remain as part of the work.

1.06 **DELIVERY, STORAGE, AND HANDLING**

A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.

B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.

C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, and as required by manufacturer's instructions.

1.07 **FIELD CONDITIONS**

A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.

B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.

C. Do not apply materials when relative humidity exceeds 85 percent; at temperatures less than 5 degrees F (3 degrees C) above the dew point; or to damp or wet surfaces.

D. Minimum Application Temperatures for Paints: 50 degrees F (10 degrees C) for interiors unless required otherwise by manufacturer's instructions.

E. Provide lighting level of 80 ft candles (860 lx) measured mid-height at substrate surface.

PART 2 PRODUCTS

2.01 **MANUFACTURERS**

A. Provide paints and finishes used in any individual system from the same manufacturer; no exceptions.

B. Paints:

1. Behr Process Corporation: www.behr.com.
2. Benjamin Moore & Co: www.benjaminmoore.com.
3. PPG Paints: www.ppgpaints.com.
4. Pratt & Lambert Paints: www.prattandlambert.com.
5. Sherwin-Williams Company: www.sherwin-williams.com.
6. Dunn-Edwards Corporation

C. Primer Sealers: Same manufacturer as top coats.

D. Substitutions: See Section 016000 - Product Requirements.

2.02 **PAINTS AND FINISHES - GENERAL**

A. Paints and Finishes: Ready mixed, unless intended to be a field-catalyzed paint.

1. Where MPI paint numbers are specified, provide products listed in Master Painters Institute Approved Product List, current edition available at www.paintinfo.com, for specified MPI categories, except as otherwise indicated.
2. Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
3. Provide materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

4. Supply each paint material in quantity required to complete entire project's work from a single production run.
5. Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.

B. Volatile Organic Compound (VOC) Content:
1. Provide paints and finishes that comply with the most stringent requirements specified in the following:
a. 40 CFR 59, Subpart D--National Volatile Organic Compound Emission Standards for Architectural Coatings.
2. Determination of VOC Content: Testing and calculation in accordance with 40 CFR 59, Subpart D (EPA Method 24), exclusive of colorants added to a tint base and water added at project site; or other method acceptable to authorities having jurisdiction.

C. Flammability: Comply with applicable code for surface burning characteristics.

D. Sheens: Provide the sheens specified; where sheen is not specified, sheen will be selected later by Architect from the manufacturer's full line.

E. Colors: To be selected from manufacturer's full range of available colors.
1. Selection to be made by Architect after award of contract.
2. Allow for minimum of three colors for each system, unless otherwise indicated, without additional cost to Owner.
3. Extend colors to surface edges; colors may change at any edge as directed by Architect.
4. In finished areas, finish pipes, ducts, conduit, and equipment the same color as the wall/ceiling they are mounted on/under.

2.03 **PAINT SYSTEMS - INTERIOR**

A. Paint I-OP - Interior Surfaces to be Painted, Unless Otherwise Indicated: Including gypsum board, concrete, wood, plaster, uncoated steel, shop primed steel, galvanized steel and aluminum.
1. Two top coats and one coat primer.
2. Top Coat(s): High Performance Architectural Interior Latex; MPI #138, 139, 140, or 141.
3. Top Coat Sheen:
a. Semi-Gloss: MPI gloss level 5; use this sheen at all locations.
4. Primer: As recommended by top coat manufacturer for specific substrate.

B. Paint I-OP-MD-DT - Medium Duty Door/Trim: For surfaces subject to frequent contact by occupants, including metals and wood:
1. Medium duty applications include doors, door frames, railings, handrails and guardrails.
2. Two top coats and one coat primer.
3. Top Coat(s): High Performance Architectural Interior Latex; MPI #139, 140, or 141.
4. Top Coat Sheen:
a. Semi-Gloss: MPI gloss level 5; use this sheen at all locations.
5. Primer: As recommended by top coat manufacturer for specific substrate.

C. Paint I-OP-MD-WC - Medium Duty Vertical and Overhead: Including gypsum board, concrete, concrete masonry units, uncoated steel, shop primed steel, galvanized steel and aluminum.
    1. Two top coats and one coat primer.
    2. Top Coat(s): Institutional Low Odor/VOC Interior Latex; MPI #143, 144, 145, 146, 147, or 148.
    3. Top Coat Sheen:
        a. Flat: MPI gloss level 1; use this sheen for ceilings and other overhead surfaces.
        b. Eggshell: MPI gloss level 3; use this sheen at all locations.
    4. Primer: As recommended by top coat manufacturer for specific substrate.
D. Paint I-OP-DF - Dry Fall: Metals; exposed structure and overhead-mounted services in utilitarian spaces, including shop primed steel deck, structural steel, metal fabrications, galvanized ducts, galvanized conduit and galvanized piping.
    1. Shop primer by others.
    2. One top coat.
    3. Top Coat: Latex Dry Fall; MPI #118, 155, or 226.
    4. Top Coat Sheen:
        a. Eggshell: MPI gloss level 3; use this sheen at all locations.
    5. Primer: As recommended by top coat manufacturer for specific substrate.
E. Paint I-OP-FL - Concrete Floors to be Painted.
    1. Two top coats and one coat primer.
    2. Top Coat(s): Alkyd Floor Enamel, Gloss; MPI #27.
    3. Top Coat Sheen:
        a. Gloss: MPI gloss level 6; use this sheen at all locations.
    4. Primer: As recommended by top coat manufacturer for specific substrate.
F. Paint I-TR-C - Transparent Finish on Concrete Floors.
    1. 1 coat stain.
    2. Sealer: Water Based Sealer for Concrete Floors; MPI #99.
    3. Sealer Sheen:
        a. Gloss: MPI gloss level 6; use this sheen at all locations.
G. Paint WI-OP-3L - Wood, Opaque, Latex, 3 Coat:
    1. One coat of latex primer sealer.
    2. Eggshell: Two coats of latex enamel.
H. Paint MI-OP-3L - Ferrous Metals, Unprimed, Latex, 3 Coat:
    1. One coat of latex primer.
    2. Semi-gloss: Two coats of latex enamel
I. Paint MI-OP-2L - Ferrous Metals, Primed, Latex, 2 Coat:
    1. Touch-up with latex primer.
    2. Semi-gloss: Two coats of latex enamel.

J. Paint MgI-OP-3L - Galvanized Metals, Latex, 3 Coat:
   1. One coat galvanize primer.
   2. Semi-gloss: Two coats of latex enamel.

K. Paint MaI-OP-3L - Aluminum, Unprimed, Latex, 3 Coat:
   1. One coat etching primer.
   2. Semi-gloss: Two coats of latex enamel.

L. Paint GI-OP-3L - Gypsum Board/Plaster, Latex, 3 Coat:
   1. One coat of alkyd primer sealer.
   2. Eggshell: Two coats of latex enamel.

2.04 **PRIMERS**

A. Primers: Provide the following unless other primer is required or recommended by manufacturer of top coats.
   1. Interior Institutional Low Odor/VOC Primer Sealer; MPI #149.
   2. Interior/Exterior Latex Block Filler; MPI #4.
   3. Concrete Floor Primer, Waterborne.
   4. Interior Latex Primer Sealer; MPI #50.
   5. Interior Drywall Primer Sealer.
   6. Interior Rust-Inhibitive Water Based Primer; MPI #107.
   7. Interior Water Based Primer for Galvanized Metal; MPI #134.
   8. Interior/Exterior Quick Dry Primer for Aluminum; MPI #95.
   9. Interior Latex Enamel Undercoat.
   10. Stain Blocking Primer; MPI #136.
   11. Stain Blocking Primer, Water Based; MPI #137.
   12. Latex Primer for Interior Wood; MPI #39.
   13. Bonding Primer, Water Based; MPI #17.

2.05 **ACCESSORY MATERIALS**

A. Accessory Materials: Provide primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of painted surfaces.

B. Patching Material: Latex filler.

C. Fastener Head Cover Material: Latex filler.

PART 3 EXECUTION

3.01 **EXAMINATION**

A. Do not begin application of paints and finishes until substrates have been properly prepared.

B. Verify that surfaces are ready to receive work as instructed by the product manufacturer.

C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially effect proper application.

D. Test shop-applied primer for compatibility with subsequent cover materials.

E. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:

1. Gypsum Wallboard: 12 percent.
2. Plaster and Stucco: 12 percent.
3. Masonry, Concrete, and Concrete Masonry Units: 12 percent.

3.02 **PREPARATION**

A. Clean surfaces thoroughly and correct defects prior to application.

B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

C. Remove or repair existing paints or finishes that exhibit surface defects.

D. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces or finishing.

E. Seal surfaces that might cause bleed through or staining of topcoat.

F. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.

G. Concrete:

1. Remove release agents, curing compounds, efflorescence, and chalk. Do not coat surfaces if moisture content or alkalinity of surfaces to be coated exceeds that permitted in manufacturer's written instructions.
2. Clean concrete according to ASTM D4258. Allow to dry.
3. Prepare surface as recommended by top coat manufacturer and according to SSPC-SP 13.

H. Masonry:

1. Remove efflorescence and chalk. Do not coat surfaces if moisture content or alkalinity of surfaces or if alkalinity of mortar joints exceed that permitted in manufacturer's written instructions. Allow to dry.
2. Prepare surface as recommended by top coat manufacturer.

I. Concrete Floors and Traffic Surfaces: Remove contamination, acid etch, and rinse floors with clear water. Verify required acid-alkali balance is achieved. Allow to dry.

J. Gypsum Board: Fill minor defects with filler compound. Spot prime defects after repair.

K. Aluminum: Remove surface contamination and oils and wash with solvent according to SSPC-SP 1.

L. Galvanized Surfaces:

1. Remove surface contamination and oils and wash with solvent according to SSPC-SP 1.
2. Prepare surface according to SSPC-SP 2.

M. Ferrous Metal:

1. Solvent clean according to SSPC-SP 1.
2. Shop-Primed Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Re-prime entire shop-primed item.

3. Remove rust, loose mill scale, and other foreign substances using methods recommended in writing by paint manufacturer and blast cleaning according to SSPC-SP 6 "Commercial Blast Cleaning". Protect from corrosion until coated.

N. Wood Surfaces to Receive Opaque Finish: Wipe off dust and grit prior to priming. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats. Back prime concealed surfaces before installation.

O. Wood Doors to be Field-Finished: Seal wood door top and bottom edge surfaces with tinted primer.

P. Metal Doors to be Painted: Prime metal door top and bottom edge surfaces.

3.03 **APPLICATION**

A. Remove unfinished louvers, grilles, covers, and access panels on mechanical and electrical components and paint separately.

B. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".

C. Where adjacent sealant is to be painted, do not apply finish coats until sealant is applied.

D. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.

E. Apply each coat to uniform appearance in thicknesses specified by manufacturer.

F. Dark Colors and Deep Clear Colors: Regardless of number of coats specified, apply as many coats as necessary for complete hide.

G. Sand wood and metal surfaces lightly between coats to achieve required finish.

H. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.

I. Wood to Receive Transparent Finishes: Tint fillers to match wood. Work fillers into the grain before set. Wipe excess from surface.

J. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

3.04 **CLEANING**

A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.05 **PROTECTION**

A. Protect finishes until completion of project.

B. Touch-up damaged finishes after Substantial Completion.

END OF SECTION

SECTION 101419
DIMENSIONAL LETTER SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Dimensional letter signage.

1.02 REFERENCE STANDARDS

A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.

B. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.

C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

D. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

E. UL 879 - Electric Sign Components; Current Edition, Including All Revisions.

1.03 SUBMITTALS

A. See Section 013000 - Administrative Requirements for submittal procedures.

B. Product Data: Manufacturer's product literature for each type of dimensional letter sign, indicating style, font, colors, locations, and overall dimensions of each sign.

C. Shop Drawings:
   1. Include dimensions, locations, elevations, materials, text and graphic layout, and attachment details.

D. Samples: Submit one sample of each type of dimensional letter sign of size similar to that required for project, indicating sign style, font, and method of attachment.

E. Selection Samples: Where materials, colors, and finishes are not specified, submit two sets of selection charts or chips.

F. Verification Samples: Submit samples showing colors and finishes specified.

G. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

H. Manufacturer's qualification statement.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Package dimensional letter signs as required to prevent damage before installation.

B. Store under cover and elevated above grade.

C. Store tape adhesive at a normal room temperature of 68 to 72 degrees F (20 to 22 degrees C).

1.06 FIELD CONDITIONS

A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.

B. Maintain minimum ambient temperature during and after installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Dimensional Letter Signs:
   1. A.R.K. Ramos: www.arkramos.com/#sle.
   2. CityScapes Inc; _____: www.cityscapesinc.com/#sle.
   3. FASTSIGNS International, Inc; _____: www.fastsigns.com/#sle.

4. Inpro Corporation; _____: www.inprocorp.com/#sle.
5. Takeform: www.takeform.net/#sle.
6. Substitutions: See Section 016000 - Product Requirements.

2.02 REGULATORY REQUIREMENTS

A. Accessibility Requirements: Comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most restrictive requirements.

2.03 DIMENSIONAL LETTERS

A. Plastic Letters:
1. Material: Injection molded plastic.
2. Thickness: Manufacturer's standard for letter size.
3. Letter Height: As indicated on drawings.
4. Text and Typeface:
a. Character Font: Helvetica, Arial, or other sans serif font.
5. Finish: As selected by Architect from manufacturer's full range.
6. Color: As selected.
7. Mounting: Tape adhesive.

2.04 ACCESSORIES

A. Concealed Screws: Noncorroding metal; stainless steel, galvanized steel, chrome plated, or other.

B. Exposed Screws: Stainless steel.

C. Tape Adhesive: Double-sided tape, permanent adhesive.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.

B. Notify Architect if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install with horizontal edges level.

C. Locate dimensional letter signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.

D. Protect from damage until mm-dd-yyyy; repair or replace damaged items.

END OF SECTION

SECTION 22 11 16

DOMESTIC WATER PIPING

PART 1 - GENERAL

1.01 SUMMARY

A. Type of plumbing systems specified in this section include the following:

1. Domestic hot and cold water piping.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 ACTION SUBMITTALS

A. Submit under provisions of Section 01 33 00.

1.03 INFORMATIONAL SUBMITTALS

A. Product data for specified products.

B. Maintenance data: Submit maintenance data and parts lists for plumbing piping systems materials and products. Include this data, product data, shop drawings, and record drawings in maintenance manual.

C. Submit all warranties signed by the manufacturer.

D. Provide all special tools, loose gauges and test kits and maintenance and calibration instructions.

1.04 QUALITY ASSURANCE

A. Manufacturer's qualifications: Firms regularly engaged in manufacture of plumbing piping systems products, of types, materials, and sizes required, whose products have been in satisfactory use in similar service for not less than 5 years.

B. Requirements of regulatory agencies: The publications listed below are a part of this Specification; comply with provisions of these publications except as otherwise specified.

1. Plumbing code compliance: Comply with applicable portions of latest California Plumbing Code pertaining to selection and installation of plumbing materials and products.

PART 2 - PRODUCTS

2.01 MATERIALS AND PRODUCTS:

A. Provide piping materials and factory-fabricated piping products of sizes, types, pressure ratings, temperature ratings, and capacities as required.

2.02 BASIC PIPES AND PIPE FITTINGS:

A. Provide pipes and pipe fittings in accordance with the following listing:

1. Interior water piping:

a. Tube size 1-1/2 inches and smaller: Copper tube; Type L, hard-drawn temper; wrought-copper fittings with full solder cups, solder joints.

b. Tube size 2 inches and larger: Copper tube; Type L, hard-drawn temper; wrought-copper fittings, brazed joints.

c. Capped or plugged outlets shall be Schedule 40 screwed brass.

2. Exterior water piping:

a. Sizes 2 1/2 inches and larger ductile iron pipe with cement mortar lining; Schedule 150; ductile iron cement mortar lined fittings with rubber gasket joints.

b. Sizes 2 inches and less: Type L copper tubing, hard temper, with wrought copper fittings.

2.03 PIPING SPECIALTIES:

A. Water hammer arresters: Provide properly sized water hammer arrestors with nesting type bellows contained within a casing having sufficient displacement volume to dissipate the calculated kinetic energy generated in the piping system. Provide all stainless shell construction with stainless steel bellows and threaded connection to water system.

B. Water hammer arrestors shall be approved by P.D.I. (Standard WH201) and by A.S.S.E. (Standard 1010).

C. Select units in accordance with the requirements of Plumbing and Drainage Institute Standard P.D.I. WH201.

2.04 BASIC VALVES:

A. Provide valves complying with Section 22 05 23, in accordance with the following listing:

1. Sectional valves:

a. 2 inches and smaller: Gate valves or ball valves.

b. 2-1/2 inches and larger: Gate valves or butterfly valves.

2. Shutoff valves:

a. 2 inches and smaller: Gate valves or ball valves.

b. 2-1/2 inches and larger: Gate valves.

3. Check valves: Swing check valves.

PART 3 - EXECUTION

3.01 INSTALLATION OF WATER PIPING

A. Run all water piping generally level, free of traps or unnecessary bends, arranged to conform to the building requirements, and to suit clearances. No piping shall be installed so as to cause unusual noise from the flow of water therein under normal conditions.

B. Provide manufactured water hammer arrestors, sized, located and installed in accordance with Plumbing and Drainage Institute Standard PDI WH201.

C. For all faucets, hose bibbs, or other water outlets delivering industrial hot and/or cold water, provide a sign, permanently mounted, indicating "DANGER-UNSAFE WATER".

3.02 INSTALL VALVES IN THE FOLLOWING LOCATIONS:

A. Shutoff valves: Install on inlet of each plumbing equipment item, and on inlet of each plumbing fixture.

B. Drain valves: Install on each plumbing equipment item located to completely drain equipment for service or repair. Install at base of each riser, at base of each rise or drop in piping system, and as required to completely drain potable water system.

3.03 DOMESTIC WATER SYSTEM STERILIZATION:

A. Clean and disinfect all hot and cold water systems connected to domestic water systems in accordance with AWWA Standard C601 and as required by the local Building and Health Department Codes, and EPA. The procedure shall be performed by a water treatment company that has a current Cal-EPA license to apply disinfectant chlorine in potable water.

1. Disinfect existing piping systems as required to provide continuous disinfection upstream to existing valves.

B. Chemical and bacteriological tests shall be conducted by a certified laboratory and approved by the local authorities having jurisdiction. Copies of the test results shall be submitted to the State.

3.04 QUALITY CONTROL

A. Test each piece of equipment to show that it will operate in accordance with indicated requirements.

B. Repair or replace broken, damaged, or otherwise defective parts, materials, and work. Leave entire work in condition satisfactory to State.

C. At completion, carefully clean and adjust equipment, fixtures, and trim that are installed as part of this work. Leave systems and equipment in satisfactory operating condition.

END OF SECTION

SECTION 22 11 19

DOMESTIC WATER PIPING SPECIALTIES

PART 1 - GENERAL

1.01 SUMMARY

A. Type of plumbing systems specified in this section include the following:

1. Reduced-pressure-principal backflow prevention devices
2. Balancing Valves.
3. Temperature-actuated water mixing valve.
4. Pipeline strainers.
5. Hose bibs.
6. Water hammer arrestors.
7. Trap-seal primer valves.
8. Gauges.
9. Unions and flanges.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 ACTION SUBMITTALS

A. No action submittals are necessary.

1.03 INFORMATIONAL SUBMITTALS

A. Submit under provisions of Section 01 33 00.

B. Submittals for review during construction document phase:

1. Product data for specified products.

C. Submittals for closeout:

1. Record drawings: At project closeout, submit record drawings of installed piping systems.

2. Maintenance data: Submit maintenance data and parts lists for plumbing piping systems materials and products. Include this data, product data, shop drawings, and record drawings in maintenance manual.

3. Submit all warranties signed by the manufacturer.

4. Provide all special tools, loose gauges and test kits, and maintenance and calibration instructions.

1.04 QUALITY ASSURANCE

A. Manufacturer's qualifications: Firms regularly engaged in manufacture of plumbing piping systems products, of types, materials, and sizes required, whose products have been in satisfactory use in similar service for not less than 5 years.

B. Requirements of regulatory agencies: The publications listed below are a part of this Specification; comply with provisions of these publications except as otherwise specified.

1. Plumbing code compliance: Comply with applicable portions of California Plumbing Code pertaining to selection and installation of plumbing materials and products.

PART 2 - PRODUCTS

2.01 MATERIALS AND PRODUCTS:

A. Provide piping materials and factory-fabricated piping products of sizes, types, pressure ratings, temperature ratings, and capacities as required.

2.02 SPECIAL PIPING SPECIALTIES:

A. Water hammer arresters: Provide properly sized water hammer arrestors with nesting type bellows contained within a casing having sufficient displacement volume to dissipate the calculated kinetic energy generated in the piping system. Provide all stainless shell construction with stainless steel bellows and threaded connection to water system.

B. Water hammer arrestors shall be approved by P.D.I. (Standard WH201) and by A.S.S.E. (Standard 1010).

C. Select units in accordance with the requirements of Plumbing and Drainage Institute Standard P.D.I. WH201.

2.03 BASIC VALVES:

A. Provide valves complying with 22 05 23, in accordance with the following listing:

1. Sectional valves:

a. 2 inches and smaller: Gate valves or ball valves.

b. 2-1/2 inches and larger: Gate valves or butterfly valves.

2. Shutoff valves:

a. 2 inches and smaller: Gate valves or ball valves.

b. 2-1/2 inches and larger: Gate valves.

3. Drain valves:

a. 2 inches and smaller: Gate valves or ball valves.

b. 2-1/2 inches and larger: Gate valves.

4. Check valves: Swing check valves.

5. Gas Cocks: Lubricated plug valves, and lever handle gas cocks.

6. Balance valves: Calibrated balance valves.

2.04 HOSE BIBBS:

A. Wall hydrant: Recessed wall hose box with door and vacuum breaker and access door. Box and flange shall be stainless steel. Flange shall be 16 gauge stainless steel. Valve shall be cartridge type with vandal resistant lockshield loose key handle and screwdriver stop. Door shall have removable hinge and cylinder lock.

B. Exterior wall mounted: Integral vacuum breaker protected, nickel bronze finish, and "T" handle key.

C. Roof mounted: Integral vacuum breaker protected cartridge operated hose valve with lock-shield bonnet and removable key handle.

D. Interior wall mounted: Integral vacuum breaker protected cartridge operated hose valve with lock-shield bonnet and removable key handle.

E. Exterior wall mount non-freeze: Non-freeze wall box type with integral vacuum breaker.

F. All hose bibbs shall be backflow prevention equipped.

2.05 REDUCED PRESSURE BACKFLOW PREVENTERS:

A. Provide reduced-pressure principle backflow preventers consisting of assembly, including shutoff valves on inlet and outlet, and strainer on inlet. Construct in accordance with ASSE Standard 1013.

2.06 RELIEF VALVES:

A. Provide relief valves as selected by Contractor for proper relieving capacity, in accordance with ASME Boiler and Pressure Vessel Code.

B. Combined pressure-temperature relief valves of bronze body, test lever, thermostat, complying with ANSI A21.22 listing requirements for temperature discharge capacity.

2.07 TRAP PRIMER:

A. Provide trap primers.

B. Where one trap primer will be used for more than one trap, provide a distribution unit with feeder piping for a maximum of four traps.

C. Provide trap primer wall box with access door.

2.08 TEMPERED WATER CONTROL VALVE:

A. Provide tempered water control valves complete with angle strainer checkstops. Valves shall be thermostatic type.

PART 3 - EXECUTION

3.01 GENERAL

A. Installation of backflow device:

1. Install backflow device per local City or County requirements. Provide drain connection available from the manufacturer at drain connection, pipe drain outlet to the nearest floor drain.

B. Installation of trap primers:

1. Install as stipulated in manufacturer’s printed literature, with 1/2-inch, type-L, hard copper piping to trap primer connection on floor drains and floor sinks. Provide valve and union ahead of each trap primer.

3.02 QUALITY CONTROL

A. Test each piece of equipment to show that it will operate in accordance with indicated requirements.

B. Repair or replace broken, damaged, or otherwise defective parts, materials, and work. Leave entire work in condition satisfactory to State.

C. At completion, carefully clean and adjust equipment, fixtures, and trim that are installed as part of this work. Leave systems and equipment in satisfactory operating condition.

END OF SECTION

EL CENTRO
VALLEY CENTER POINT PLAZA
RENOVATION

LIST OF ELECTRICAL SPECIFICATIONS

SECTION 02 41 26	SELECTIVE ELECTRICAL DEMOLITION
SECTION 26 05 00	BASIC ELECTRICAL REQUIREMENTS
SECTION 26 05 03	EQUIPMENT WIRING CONNECTIONS
SECTION 26 05 19	LOW VOLTAGE ELECTRICAL POWER CONDUCTERS & CABLES
SECTION 26 05 26	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
SECTION 26 05 29	FIRESTOPPING, HANGERS & SUPPORTS FOR ELECTRICAL SYSTEMS
SECTION 26 05 33	RACEWAYS & BOXES FOR ELECTRICAL SYSTEMS
SECTION 26 05 53	IDENTIFICATION FOR ELECTRICAL SYSTEMS
SECTION 26 24 13	SWITCHBOARDS
SECTION 26 27 26	WIRING DEVICES
SECTION 26 51 00	INTERIOR LIGHTING
SECTION 28 31 00	FIRE DETECTION & ALARM

REGISTERED PROFESSIONAL ENGINEER
JAMES ROBERT ADLER
No. E 16119
Exp. 12/31/25
ELECTRICAL
STATE OF CALIFORNIA

MAR 25 2024

SECTION 02 41 26

SELECTIVE ELECTRICAL DEMOLITION

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:
1. Removal of existing electrical equipment, wiring, and conduit in areas to be remodeled; removal of designated construction; dismantling, cutting and alterations for completion of the Work.
2. Disposal of materials.
3. Storage of removed materials.
4. Identification of utilities.
5. Salvaged items.
6. Protection of items to remain as indicated on Drawings.
7. Relocate existing equipment to accommodate construction.

B. Related Sections:
1. Section - Building Demolition: Demolition of utilities and other underground items related to the demolition of the building, submittals, pre-demolition meetings, sequencing, scheduling, and coordination under the supervision of the general contractor.

1.2 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record actual locations of capped utilities, conduits and equipment abandoned in place, and any field changes or modifications.
1.

1.3 SCHEDULING

A. Schedule work to coincide with demolition by the general contractor and other trades.

B. Cease operations immediately when structure appears to be in danger and notify Architect/Engineer. Do not resume operations until directed.

1.4 COORDINATION

A. Conduct demolition to minimize interference with adjacent and occupied building areas.

B. Coordinate demolition work with general contractor and owner.

C. Coordinate and sequence demolition so as not to cause shutdown of operation of surrounding areas.

D. Shut-down Periods:
1. Arrange timing of shut-down periods of in service panels with general contractor and Owner. Do not shut down any utility without prior written approval.
2. Keep shut-down period to minimum or use intermittent period as directed by general contractor and Owner.

3. Maintain life-safety systems in full operation in occupied facilities, or provide notice minimum 7 days in advance.

E. Identify salvage items in cooperation with Owner.

PART 2 EXECUTION

2.1 EXAMINATION

A. Verify wiring and equipment indicated to be demolished serve only abandoned facilities.

B. Verify termination points for demolished services.

2.2 PREPARATION

A. Erect, and maintain temporary safeguards, including barricades, and similar measures, for protection of the public, Owner, Contractor's employees, and existing improvements to remain.

B. Temporary egress signage and emergency lighting.

2.3 DEMOLITION

A. Demolition Drawings are based on casual field observation and existing record documents. Report discrepancies to Architect/Engineer before disturbing existing installation.

B. Coordinate with general contractor to remove abandoned equipment, conduit, and wire at buildings and structures scheduled for demolition. Cut conduit flush with walls and floors scheduled to remain.

C. Remove conduit, wire, boxes, and fastening devices to avoid any interference with new installation.

D. Disconnect electrical systems in walls, floors, and ceilings scheduled for removal.

E. Reconnect equipment being disturbed by renovation work and required for continue service to nearest available panel.

F. Disconnect or shut off service to areas where electrical work is to be removed. Remove electrical fixtures, equipment, and related switches, outlets, conduit and wiring which are not part of final project.

G. Install temporary wiring and connections to maintain existing systems in service during construction.

H. Perform work on energized equipment or circuits with experienced and trained personnel.

I. Remove, relocate, and extend existing installations to accommodate new construction.

J. Repair adjacent construction and finishes damaged during demolition and extension work.

K. Remove exposed abandoned grounding and bonding components, fasteners and supports, and electrical identification components. Cut embedded support elements flush with walls and floors.

L. Clean and repair existing equipment to remain or to be reinstalled.

M. Protect and retain power to existing active equipment remaining.

N. Cap abandoned empty conduit at both ends.

2.4 EXISTING PANELBOARDS

A. Ring out circuits in existing panel affected by the Work. Where additional circuits are needed, reuse circuits available for reuse. Install new breakers.

B. Tag unused circuits as spare.

C. Where existing circuits are indicated to be reused, use sensing measuring devices to verify circuits feeding Project area or are not in use.

D. Remove existing wire no longer in use from panel to equipment.

E. Provide new updated directories where more than three circuits have been modified or rewired.

2.5 SALVAGE ITEMS

A. Remove and protect items indicated on Drawings to be salvaged and turn over to Owner.

B. Items of salvageable value may be removed as work progresses. Transport salvaged items from site as they are removed.

2.6 REUSABLE ELECTRICAL EQUIPMENT

A. Carefully remove equipment, materials, or fixtures which are to be reused.

B. Disconnect, remove, or relocate existing electrical material and equipment interfering with new installation.

2.7 CLEANING

A. Remove demolished materials as work progresses. Legally dispose.

B. Keep workplace neat.

END OF SECTION

SECTION 26 05 00
BASIC ELECTRICAL REQUIREMENTS

PART 1 GENERAL

1.01 SCOPE OF WORK

A. Basic Electrical Requirements specifically applicable to Division 26 Sections.

B. All labor, materials, equipment and services necessary to furnish and install complete electrical systems and related items of work as indicated to Drawings or specified herein.

C. The work in general shall consist of, but is not limited to the following:
   1. Coordination with the general contractor and utility companies to perform selective electrical demolition work in conjunction with the overall demolition work as indicated on the drawings.
   2. Outdoor underground electrical service, fiber optic, telephone service, and cable television service raceways, underground trenching and conduit, and accessories as indicated.
   3. Main distribution metering switchboard, conduit, wiring, etc., for all electrical distribution as indicated.
   4. Electrical devices, wiring, conduit, raceways, and accessories as indicated.
   5. Interior and exterior lighting fixtures with lamps and lighting accessories as indicated
   6. Electrical devices, wiring, conduit, and accessories as indicated.
   7. Modifications and additions to existing fire alarm system, including new devices, conduits and accessories as indicated.
   8. Painting as specified under other Sections, except for factory-finished material and equipment.

D. Drawings are diagrammatic. Refer to Mechanical and Architectural Drawings and specifications for exact locations for equipment furnished by others.

1.02 WORK SEQUENCE

A. Install work as scheduled to accommodate Owner's occupancy requirements. During the construction period coordinate electrical schedule and operations with other trades, Owner and/or Engineer.

1.03 REFERENCES AND REGULATORY REQUIREMENTS

A. Conform to applicable International Building Code.

B. Workmanship and material of electrical work shall comply with or exceed applicable provisions of the following (most recent additions including addenda and errata):

   1. All Local Codes and Ordinances.
   2. California/National Electrical Code (NEC) (NFPA 70).
   3. California/International Building Code (IBC).
   4. California/International Existing Building Code (IEBC).
   5. California/International Fire Code (IFC).
   6. NFPA 72, Fire Alarm Code.
   7. National Bureau of Fire Underwriters (NBFU).

8. American National Standards Institute (ANSI).
9. American Society for Testing and Materials (ASTM).
10. National Electrical Manufacturers Association (NEMA).
11. Standards and requirements for serving utilities.
12. Standards of Installation (NECA).
13. Safety and Health Standards (OSHA).
14. Americans with Disabilities Act (ADA).
15. Factory Mutual (FM).

1.04 SUBMITTALS

A. Submit shop drawings and product data grouped to include complete submittals of related systems, products, and accessories in a single submittal. Partial submittals will not be reviewed.

B. Mark dimensions and values in units to match those specified.

1.05 PROJECT/SITE CONDITIONS

A. Install Work in locations shown on Drawings, unless prevented by Project conditions.

B. Prepare drawings showing proposed rearrangement of Work to meet Project conditions, including changes to Work specified in other Sections. Obtain permission of Owner and/or Architect before proceeding.

C. SITE WORK: Contractor shall employ an independent locating service to locate and verify all existing services, whether specifically shown on the drawings or not. Location of services shall be recorded on record documents. No trenching or excavation shall commence until locations are verified. The Owner shall be notified in writing prior to any trenching requiring a utility shutdown. Any services interrupted by trenching or excavating shall be repaired by the contractor with no additional cost to the Owner. Existing services not specifically indicated on the drawings to be relocated, which interfere with building components, shall be brought to the Architect's immediate attention. Prepare drawings showing proposed re-routing, area(s) affected, and length of interruption(s).

1.06 SEQUENCING AND SCHEDULING

A. Construct Work in sequence under provisions of the General Specifications.

END OF SECTION 26 05 00

SECTION 26 05 03
EQUIPMENT WIRING CONNECTIONS

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes electrical connections to equipment.
B. Related Sections:
   1. Section 26 05 19 - Low-Voltage Electrical Power Conductors and Cables.
   2. Section 26 05 33 - Raceway and Boxes for Electrical Systems.

1.02 REFERENCES.

A. National Electrical Manufacturers Association:
   1. NEMA WD 1 - General Requirements for Wiring Devices.
   2. NEMA WD 6 - Wiring Devices-Dimensional Requirements.

1.03 SUBMITTALS

A. Product Data: Submit wiring device manufacturer’s catalog information showing dimensions, configurations, and construction.
B. Manufacturer's installation instructions.

1.04 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record actual locations, sizes, and configurations of equipment connections.

1.05 COORDINATION

A. Obtain and review shop drawings, product data, manufacturer’s wiring diagrams, and manufacturer's instructions for equipment furnished under other sections.
B. Determine connection locations and requirements.
C. Sequence rough-in of electrical connections to coordinate with installation of equipment.
D. Sequence electrical connections to coordinate with start-up of equipment.

PART 2 - PRODUCTS

2.01 CORD AND PLUGS

A. Manufacturers:
   1. Hubbell.
   2. Pass and Seymour.
   3. Leviton.
   4. Substitutions: Under provisions of General Specifications.
B. Attachment Plug Construction: Conform to NEMA WD 1.
C. Configuration: NEMA WD 6; match receptacle configuration at outlet furnished for equipment.

D. Cord Construction: Type SO multi-conductor flexible cord with identified equipment grounding conductor, suitable for use in damp locations.
E. Size: Suitable for connected load of equipment, length of cord, and rating of branch circuit overcurrent protection.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify equipment is ready for electrical connection, for wiring, and to be energized.

3.02 INSTALLATION

A. Make electrical connections.
B. Make conduit connections to equipment using flexible conduit. Use liquidtight flexible conduit with watertight connectors in damp or wet locations.
C. Connect heat producing equipment using wire and cable with insulation suitable for temperatures encountered.
D. Install receptacle outlet to accommodate connection with attachment plug.
E. Install cord and cap for field-supplied attachment plug.
F. Install suitable strain-relief clamps and fittings for cord connections at outlet boxes and equipment connection boxes.
G. Install disconnect switches, controllers, control stations, and control devices to complete equipment wiring requirements.
H. Install terminal block jumpers to complete equipment wiring requirements.
I. Install interconnecting conduit and wiring between devices and equipment to complete equipment wiring requirements.

3.03 ADJUSTING

A. Cooperate with utilization equipment installers and field service personnel during checkout and starting of equipment to allow testing and balancing and other startup operations. Provide personnel to operate electrical system and checkout wiring connection components and configurations.

END OF SECTION 26 05 03

SECTION 26 05 19
LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes building wire and cable; and wiring connectors and connections.
B. Related Sections:
   1. Section 26 05 53 - Identification for Electrical Systems: Product requirements for wire identification.

1.02 REFERENCES

A. International Electrical Testing Association:
   1. NETA ATS - Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems.
B. National Fire Protection Association:
   1. NFPA 70 - National Electrical Code.
   2. NFPA 262 - Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces.

1.03 SYSTEM DESCRIPTION

A. Product Requirements: Provide products as follows:
   1. Solid conductor for feeders and branch circuits 10 AWG and smaller.
   2. Stranded conductors for control circuits.
   3. Conductor not smaller than 12 AWG for power and lighting circuits.
   4. Conductor not smaller than 16 AWG for control circuits.
   5. 10 AWG conductors for 20 ampere, 120 volt branch circuits longer than 75 feet.
B. Wiring Methods: Provide the following wiring methods:
   1. Concealed Dry Interior Locations: Use only building wire, Type THHN/THWN 90 degree C rated insulation, in raceway.
   2. Exposed Dry Interior Locations: Use only building wire, Type THHN/THWN 90 degree C rated insulation, in raceway.
   3. Above Accessible Ceilings: Use only building wire, Type THHN/THWN 90 degree C rated insulation, in raceway.
   4. Wet or Damp Interior Locations: Use only building wire, Type THHN/THWN 90 degree C rated insulation, in raceway.
   5. Exterior Locations: Use only building wire, Type THHN/THWN 90 degree C rated insulation, in raceway.
   6. Underground Locations: Use only building wire, Type THHN/THWN 90 degree C rated insulation, in raceway.
   7. Use wiring and methods indicated on drawings.

1.04 DESIGN REQUIREMENTS

A. Conductor sizes are based on copper.

1.05 SUBMITTALS

A. Product Data: Submit for building wire and each cable assembly type.

1.06 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record actual locations of components and circuits.

1.07 QUALITY ASSURANCE

A. Provide wiring materials located in plenums with peak optical density not greater than 0.5, average optical density not greater than 0.15, and flame spread not greater than 5 feet (1.5 m) when tested in accordance with NFPA 262.

1.08 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.09 FIELD MEASUREMENTS

A. Verify field measurements are as indicated on Drawings.

1.10 COORDINATION

A. Where wire and cable destination is indicated and routing is not shown, determine routing and lengths required.
B. Wire and cable routing indicated is approximate unless dimensioned.

PART 2 - PRODUCTS

2.01 BUILDING WIRE

A. Manufacturers:
   1. Okonite.
   2. General Cable Co.
   3. Southwire.
   4. American.
   5. Substitutions: Under provisions of General Specifications.
B. Product Description: Single conductor insulated wire.
C. Conductor: Copper.
D. Insulation: 600 volt rating; material rated 90 degrees C.

2.02 WIRING CONNECTORS

A. Split Bolt Connectors:
   1. Kearney.
   2. Teledyne Penn-Union.
B. Solderless Pressure Connectors:

1. Cadweld.
2. Burndy.

C. Compression Connectors:
1. Kearney.
2. Teledyne- Penn-Union.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify interior of building has been protected from weather.
B. Verify mechanical work likely to damage wire and cable has been completed.
C. Verify raceway installation is complete and supported.

3.02 PREPARATION

A. Completely and thoroughly swab raceway before installing wire.

3.03 INSTALLATION

A. Route wire and cable to meet Project conditions.
B. Neatly train and lace wiring inside boxes, equipment, and panelboards.
C. Identify and color code wire and cable under provisions of Section 26 05 53. Identify each conductor with its circuit number or other designation indicated.
D. Special Techniques--Building Wire in Raceway:
1. Pull conductors into raceway at same time.
2. Install building wire 4 AWG and larger with pulling equipment.

E. Special Techniques - Cable:
1. Protect exposed cable from damage.
2. Support cables above accessible ceiling, using spring metal clips or cable ties to support cables from structure. Do not rest cable on ceiling panels.
3. Use suitable cable fittings and connectors.

F. Special Techniques - Wiring Connections:
1. Clean conductor surfaces before installing lugs and connectors.
2. Make splices, taps, and terminations to carry full ampacity of conductors with no perceptible temperature rise.
3. Tape uninsulated conductors and connectors with electrical tape to 150 percent of insulation rating of conductor.
4. Install split bolt connectors for copper conductor splices and taps, 6 AWG and larger.
5. Install solderless pressure connectors with insulating covers for copper conductor splices and taps, 8 AWG and smaller.

G. Install solid conductor for feeders and branch circuits 10 AWG and smaller.

3.04 WIRE COLOR

A. General:
1. For wire sizes 10 AWG and smaller, install wire colors in accordance with the following:
a. Black and red for single phase circuits at 120/240 volts.
b. Black, red, and blue for circuits at 120/240 volts single or three phase.
c. Match existing.
2. For wire sizes 8 AWG and larger, identify wire with colored tape at terminals, splices and boxes. Colors are as follows:
a. Black and red for single phase circuits at 120/240 volts.
b. Black, red, and blue for circuits at 120/240 volts single or three phase.

c. Match existing.

B. Neutral Conductors: White. When two or more neutrals are located in one conduit, individually identify each with proper circuit number.

C. Branch Circuit Conductors: Install three or four wire home runs with each phase uniquely color coded.

D. Feeder Circuit Conductors: Uniquely color code each phase.

E. Ground Conductors:
   1. For 6 AWG and smaller: Green.
   2. For 4 AWG and larger: Identify with green tape at both ends and visible points including junction boxes.

3.05 FIELD QUALITY CONTROL

A. Inspect and test in accordance with NETA ATS, except Section 4.

B. Perform inspections and tests listed in NETA ATS, Section 7.3.1.

END OF SECTION 26 05 19

SECTION 26 05 26
GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:
   1. Rod electrodes.
   2. Wire.
   3. Mechanical connectors.
   4. Exothermic connections.

1.02 REFERENCES

A. Institute of Electrical and Electronics Engineers:
   1. IEEE 142 - Recommended Practice for Grounding of Industrial and Commercial Power Systems.
   2. IEEE 1100 - Recommended Practice for Powering and Grounding Electronic Equipment.

B. International Electrical Testing Association:
   1. NETA ATS - Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems.

C. National Fire Protection Association:
   1. NFPA 70 - National Electrical Code.

1.03 SYSTEM DESCRIPTION

A. Grounding systems use the following elements as grounding electrodes:
   1. Metal underground water pipe.
   2. Metal building frame.
   3. Concrete-encased electrode.
   4. Rod electrode.

1.04 PERFORMANCE REQUIREMENTS

A. Grounding System Resistance: 25 ohms maximum.

1.05 SUBMITTALS

A. Product Data: Submit data on grounding electrodes and connections.

B. Test Reports: Indicate overall resistance to ground and resistance of each electrode.

1.06 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record actual locations of components and grounding electrodes.

1.07 QUALITY ASSURANCE

A. Provide grounding materials conforming to requirements of NEC, IEEE 142, and UL labeled.

1.08 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing Products specified in this section with minimum three years documented experience.

1.09 DELIVERY, STORAGE, AND HANDLING

A. Accept materials on site in original factory packaging, labeled with manufacturer's identification.
B. Protect from weather and construction traffic, dirt, water, chemical, and mechanical damage, by storing in original packaging.
C. Do not deliver items to project before time of installation. Limit shipment of bulk and multiple-use materials to quantities needed for immediate installation.

PART 2 - PRODUCTS

2.01 ROD ELECTRODES

A. Manufacturers:
   1. Apache Grounding/Erico Inc.
   2. Copperweld, Inc.
   3. Erico, Inc.
   4. O-Z Gedney Co.

B. Product Description:
   1. Material: Copper.
   2. Diameter: 3/4 inch.

C. Length: 10 feet.

2.02 WIRE

A. Material: Stranded copper.
B. Foundation Electrodes: 4 AWG.
C. Equipment Grounding Conductor: Copper conductor insulated.
D. Bonding Conductor: Copper conductor bare or insulated.

2.03 MECHANICAL CONNECTORS

A. Manufacturers:
   1. Apache Grounding/Erico Inc.
   2. Copperweld, Inc.
   3. ILSCO Corporation.
   4. O-Z Gedney Co.
   5. Thomas & Betts, Electrical.
B. Description: Bronze connectors, suitable for grounding and bonding applications, in configurations required for particular installation.

2.04 EXOTHERMIC CONNECTIONS

A. Manufacturers:
   1. Cadweld.
   2. Copperweld, Inc.
   3. Thermoweld.

B. Product Description: Exothermic materials, accessories, and tools for preparing and making permanent field connections between grounding system components.

PART 3 - EXECUTION

3.01 PREPARATION

A. Remove paint, rust, mill oils, and surface contaminants at connection points.

3.02 INSTALLATION

A. Install in accordance with IEEE and manufacturer instructions.
B. Install rod electrodes at locations as indicated on Drawings. Install additional rod electrodes to achieve specified resistance to ground.
C. Install grounding and bonding conductors concealed from view.
D. Equipment Grounding Conductor: Install separate, insulated conductor within each feeder and branch circuit raceway. Terminate each end on suitable lug, bus, or bushing.
E. Install 4 AWG bare copper wire in foundation footing as indicated on Drawings or install grounding electrode conductor and connect to reinforcing steel in foundation footing as indicated on Drawings.
F. Bond together metal siding not attached to grounded structure; bond to ground.
G. Equipment Grounding Conductor: Install separate, insulated conductor within each feeder and branch circuit raceway. Terminate each end on suitable lug, bus, or bushing.
H. Permanently ground entire light and power system in accordance with NEC, including service equipment, distribution panels, lighting panelboards, switch and starter enclosures, motor frames, grounding type receptacles, and other exposed non-current carrying metal parts of electrical equipment.
I. Accomplish grounding of electrical system by using insulated grounding conductor installed with feeders and branch circuit conductors in conduits. Size grounding conductors in accordance with NEC. Install from grounding bus of serving panel to ground bus of served panel, grounding screw of receptacles, lighting fixture housing, light switch outlet boxes or metal enclosures of service equipment. Ground conduits by means of grounding bushings on terminations at panelboards with installed number 12 conductor to grounding bus.
J. Grounding electrical system using continuous metal raceway system enclosing circuit conductors in accordance with NEC.
K. Permanently attach equipment and grounding conductors prior to energizing equipment.

3.03 FIELD QUALITY CONTROL

A. Inspect and test in accordance with NETA ATS, except Section 4.
B. Grounding and Bonding: Perform inspections and tests listed in NETA ATS, Section 7.13.
C. Perform ground resistance testing in accordance with IEEE 142.
D. Perform continuity testing in accordance with IEEE 142.
E. When improper grounding is found on receptacles, check receptacles in entire project and correct. Perform retest.

END OF SECTION 26 05 26

SECTION 26 05 29
FIRESTOPPING, HANGERS, AND SUPPORTS FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:
   1. Conduit supports.
   2. Formed steel channel.
   3. Spring steel clips.
   4. Sleeves.
   5. Mechanical sleeve seals.
   6. Firestopping relating to electrical work.
   7. Firestopping accessories.
   8. Equipment bases and supports.

1.02 REFERENCES

A. ASTM International:
   1. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
   2. ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials.
   3. ASTM E814 - Standard Test Method for Fire Tests of Through-Penetration Fire Stops.
   4. ASTM E1966 - Standard Test Method for Fire-Resistive Joint Systems.

B. FM Global:
   1. FM - Approval Guide, A Guide to Equipment, Materials & Services Approved By Factory Mutual Research For Property Conservation.

C. National Fire Protection Association:
   1. NFPA 70 - National Electrical Code.

D. Underwriters Laboratories Inc.:
   1. UL 263 - Fire Tests of Building Construction and Materials.
   2. UL 723 - Tests for Surface Burning Characteristics of Building Materials.
   3. UL 1479 - Fire Tests of Through-Penetration Firestops.
   4. UL 2079 - Tests for Fire Resistance of Building Joint Systems.
   5. UL - Fire Resistance Directory.

1.03 DEFINITIONS

A. Firestopping (Through-Penetration Protection System): Sealing or stuffing material or assembly placed in spaces between and penetrations through building materials to arrest movement of fire, smoke, heat, and hot gases through fire rated construction.

1.04 SYSTEM DESCRIPTION

A. Firestopping Materials: ASTM E814 and UL 1479 to achieve fire ratings as noted on Drawings for adjacent construction.

1.05 PERFORMANCE REQUIREMENTS

A. Firestopping: Conform to applicable code for fire resistance ratings and surface burning characteristics.

1.06 SUBMITTALS

A. Product Data:
   1. Hangers and Supports: Submit manufacturers catalog data including load capacity.
   2. Firestopping: Submit data on product characteristics, performance and limitation criteria.
B. Firestopping Schedule: Submit schedule of opening locations and sizes, penetrating items, and required listed design numbers to seal openings to maintain fire resistance rating of adjacent assembly.
C. Design Data: Indicate load carrying capacity of hangers and supports.
D. Manufacturer's Installation Instructions:
   1. Hangers and Supports: Submit special procedures and assembly of components.
   2. Firestopping: Submit preparation and installation instructions.
E. Manufacturer's Certificate: Certify products meet or exceed specified requirements.

1.07 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing Products specified in this section with minimum three years documented experience.
B. Installer: Company specializing in performing work of this section with minimum three years documented experience.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Accept materials on site in original factory packaging, labeled with manufacturer's identification.
B. Protect from weather and construction traffic, dirt, water, chemical, and mechanical damage, by storing in original packaging.

1.09 ENVIRONMENTAL REQUIREMENTS

A. Do not apply firestopping materials when temperature of substrate material and ambient air is below 60 degrees F. Maintain this minimum temperature before, during, and for minimum 3 days after installation of firestopping materials.

PART 2 - PRODUCTS

2.01 CONDUIT SUPPORTS

A. Manufacturers:
   1. Allied Tube & Conduit Corp.
   2. Electroline Manufacturing Company.
   3. O-Z Gedney Co.
   4. Substitutions: Under provisions of General Specifications.
B. Hanger Rods: Threaded high tensile strength galvanized carbon steel with free running threads.
C. Beam Clamps: Malleable Iron, with tapered hole in base and back to accept either bolt or hanger rod. Set screw: hardened steel.

D. Conduit clamps for trapeze hangers: Galvanized steel, notched to fit trapeze with single bolt to tighten.
E. Conduit clamps - general purpose: One hole malleable iron for surface mounted conduits.
F. Cable Ties: High strength nylon temperature rated to 185 degrees F. Self locking.

2.02 FORMED STEEL CHANNEL

A. Manufacturers:
   1. Unistrut Corp.
   2. Allied Tube & Conduit Corp.
   3. B-Line Systems.
   4. Midland Ross Corporation, Electrical Products Division.
   5. Substitutions: Under provisions of General Specifications.
B. Product Description: Galvanized 12 gage thick steel. With holes 1-1/2 inches on center.

2.03 SPRING STEEL CLIPS

A. Manufacturers:
   1. O-Z/Gedney.
   2. Spring City Electrical Mfg..
   3. Erico Products.
   4. Substitutions: Under provisions of General Specifications
B. Product Description: Mounting hole and screw closure.

2.04 FIRESTOPPING

A. Manufacturers:
   1. Dow Corning Corp..
   2. Fire Trak Corp.
   3. Hilti Corp.
   4. International Protective Coating Corp.
   5. 3M fire Protection Products.
   6. The RectorSeal Corporation Bio Fireshield.
   7. Substitutions: Under provisions of General Specifications
B. Product Description: Different types of products by multiple manufacturers are acceptable as required to meet specified system description and performance requirements; provide only one type for each similar application.
   1. Silicone Firestopping Elastomeric Firestopping: Single or multiple component silicone elastomeric compound and compatible silicone sealant.
   2. Foam Firestopping Compounds: Single or multiple component foam compound.
   3. Formulated Firestopping Compound of Incombustible Fibers: Formulated compound mixed with incombustible non-asbestos fibers.
   4. Fiber Stuffing and Sealant Firestopping: Composite of mineral fiber stuffing insulation with silicone elastomer for smoke stopping.
   5. Mechanical Firestopping Device with Fillers: Mechanical device with incombustible fillers and silicone elastomer, covered with sheet stainless steel jacket, joined with collars, penetration sealed with flanged stops.
   6. Intumescent Firestopping: Intumescent putty compound which expands on exposure to surface heat gain.
   7. Firestop Pillows: Formed mineral fiber pillows.

2.05 FIRESTOPPING ACCESSORIES

A. Primer: Type recommended by firestopping manufacturer for specific substrate surfaces and suitable for required fire ratings.

B. Installation Accessories: Provide clips, collars, fasteners, temporary stops or dams, and other devices required to position and retain materials in place.

C. General:
   1. Furnish UL listed products.
   2. Select products with rating not less than rating of wall or floor being penetrated.

D. Non-Rated Surfaces:
   1. Stamped steel, chrome plated, hinged, split ring escutcheons or floor plates or ceiling plates for covering openings in occupied areas where conduit is exposed.
   2. For exterior wall openings below grade, furnish modular mechanical type seal consisting of interlocking synthetic rubber links shaped to continuously fill annular space between conduit and cored opening or water-stop type wall sleeve.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify openings are ready to receive firestopping.

3.02 PREPARATION

A. Clean substrate surfaces of dirt, dust, grease, oil, loose material, or other matter affecting bond of firestopping material.

B. Remove incompatible materials affecting bond.

C. Install backing or damming materials to arrest liquid material leakage.

D. Obtain permission from Architect/Engineer before using powder-actuated anchors.

E. Obtain permission from Architect/Engineer before drilling or cutting structural members.

3.03 INSTALLATION - HANGERS AND SUPPORTS

A. Anchors and Fasteners:
   1. Concrete Structural Elements: Provide precast inserts, expansion anchors, powder actuated anchors and preset inserts.
   2. Steel Structural Elements: Provide beam clamps, spring steel clips, steel ramset fasteners, and welded fasteners.
   3. Concrete Surfaces: Provide self-drilling anchors and expansion anchors.
   4. Hollow Masonry, Plaster, and Gypsum Board Partitions: Provide toggle bolts and hollow wall fasteners.
   5. Solid Masonry Walls: Provide expansion anchors and preset inserts.
   6. Sheet Metal: Provide sheet metal screws.
   7. Wood Elements: Provide wood screws.

B. Inserts:
   1. Install inserts for placement in concrete forms.
   2. Install inserts for suspending hangers from reinforced concrete slabs and sides of reinforced concrete beams.
   3. Provide hooked rod to concrete reinforcement section for inserts carrying pipe over 4 inches.
   4. Where concrete slabs form finished ceiling, locate inserts flush with slab surface.
   5. Where inserts are omitted, drill through concrete slab from below and provide through-bolt with recessed square steel plate and nut above slab.

C. Install conduit and raceway support and spacing in accordance with NEC.
D. Do not fasten supports to pipes, ducts, mechanical equipment, or conduit.
E. Install multiple conduit runs on common hangers.
F. Supports:
    1. Fabricate supports from structural steel or formed steel channel. Install hexagon head bolts to present neat appearance with adequate strength and rigidity. Install spring lock washers under nuts.
    2. Install surface mounted cabinets and panelboards with minimum of four anchors.
    3. In wet and damp locations install steel channel supports to stand cabinets and panelboards 1 inch off wall.

3.04 INSTALLATION – FIRESTOPPING

A. Install material at fire rated construction perimeters and openings containing penetrating sleeves, piping, ductwork, conduit and other items, requiring firestopping.
B. Apply primer where recommended by manufacturer for type of firestopping material and substrate involved, and as required for compliance with required fire ratings.
C. Apply firestopping material in sufficient thickness to achieve required fire and smoke rating, to uniform density and texture.
D. Fire Rated Surface:
    1. Seal opening at floor, wall, partition, ceiling, and roof as follows:
        a. Install sleeve through opening and extending beyond minimum of 1 inch on both sides of building element.
        b. Size sleeve allowing minimum of 1 inch void between sleeve and building element.
        c. Pack void with backing material.
        d. Seal ends of sleeve with UL listed fire resistive silicone compound to meet fire rating of structure penetrated.
    2. Where cable tray, conduit, and wireway penetrates fire rated surface, install firestopping product in accordance with manufacturer's instructions.
E. Non-Rated Surfaces:
    1. Seal opening through non-fire rated wall, partition, floor, ceiling, and roof opening as follows:
        a. Install sleeve through opening and extending beyond minimum of 1 inch on both sides of building element.
        b. Size sleeve allowing minimum of 1 inch void between sleeve and building element.
        c. Install type of firestopping material recommended by manufacturer.
    2. Install escutcheons, floor plates or ceiling plates where conduit, penetrates non-fire rated surfaces in occupied spaces. Occupied spaces include rooms with finished ceilings and where penetration occurs below finished ceiling.
    3. Exterior wall openings below grade: Assemble rubber links of mechanical seal to size of conduit and tighten in place, in accordance with manufacturer's instructions.

3.05 FIELD QUALITY CONTROL

A. Inspect installed firestopping for compliance with specifications and submitted schedule.

3.06 CLEANING AND PROTECTION OF FINISHED WORK

A. Clean adjacent surfaces of firestopping materials.
B. Protect adjacent surfaces from damage by material installation.

END OF SECTION 26 05 29

SECTION 26 05 33
RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes conduit and tubing, surface raceways, outlet boxes, and junction boxes.

1.02 REFERENCES

A. American National Standards Institute:
   1. ANSI C80.1 - Rigid Steel Conduit, Zinc Coated.
   2. ANSI C80.3 - Specification for Electrical Metallic Tubing, Zinc Coated.

B. National Electrical Manufacturers Association:
   1. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum).
   2. NEMA FB 1 - Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit and Cable Assemblies.
   3. NEMA OS 1 - Sheet Steel Outlet Boxes, Device Boxes, Covers, and Box Supports.
   4. NEMA OS 2 - Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports.
   5. NEMA RN 1 - Polyvinyl Chloride (PVC) Externally Coated Galvanized Rigid Steel Conduit and Intermediate Metal Conduit.
   6. NEMA TC 2 - Electrical Polyvinyl Chloride (PVC) Tubing and Conduit.
   7. NEMA TC 3 - PVC Fittings for Use with Rigid PVC Conduit and Tubing.

1.03 SYSTEM DESCRIPTION

A. Raceway and boxes located as indicated on Drawings, and at other locations required for splices, taps, wire pulling, equipment connections, and compliance with regulatory requirements. Raceway and boxes are shown in approximate locations unless dimensioned. Provide raceway to complete wiring system.

B. Outdoor Locations, Above Grade: Use rigid steel, intermediate metal conduit, and electrical metallic tubing. Provide cast metal or nonmetallic outlet, pull, and junction boxes.

C. Wet and Damp Locations: Provide galvanized rigid steel conduit, intermediate metal conduit and electrical metallic tubing. Provide cast metal or nonmetallic outlet, junction, and pull boxes. Provide flush mounting outlet box in finished areas.

D. Concealed Dry Locations: Provide rigid steel, intermediate metal conduit, electrical and metallic tubing. Provide sheet-metal boxes. Provide flush mounting outlet box in finished areas. Provide hinged enclosure for large pull boxes.

E. Exposed Dry Locations: Use rigid steel conduit to 8 feet above flush floor or to first junction box. Use rigid steel conduit, intermediate metal conduit or electrical metallic tubing at other locations. Provide sheet-metal boxes. Provide flush mounting outlet box in finished areas. Provide hinged enclosure for large pull boxes.

1.04 DESIGN REQUIREMENTS

A. Minimum Raceway Size:
   1. Above floor: 1/2 inch unless otherwise specified.
   2. Underground: 3/4 inch unless otherwise specified.

1.05 SUBMITTALS

A. Product Data: Submit for the following:
   1. Flexible metal conduit.
   2. Liquidtight flexible metal conduit.
   3. Nonmetallic conduit.
   4. Raceway fittings.
   5. Conduit bodies.
   6. Surface raceway.
   7. Wireway.
   8. Pull and junction boxes.

B. Manufacturer's Installation Instructions: Submit application conditions and limitations of use stipulated by Product testing agency specified under Regulatory Requirements. Include instructions for storage, handling, protection, examination, preparation, and installation of Product.

1.06 CLOSEOUT SUBMITTALS

A. Project Record Documents:
   1. Record actual routing of conduits larger than 2 inch trade size.
   2. Record actual locations and mounting heights of outlet, pull, and junction boxes.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Protect conduit from corrosion and entrance of debris by storing above grade. Provide appropriate covering.

B. Protect PVC conduit from sunlight.

1.08 COORDINATION

A. Coordinate installation of outlet boxes for equipment connected under Section 26 05 03.

B. Coordinate mounting heights, orientation and locations of outlets mounted above counters, benches, and backsplashes.

PART 2 - PRODUCTS

2.01 METAL CONDUIT

A. Manufacturers:
   1. Allied Tube and Conduit.
   2. Hubbell Inc.
   3. AFC.
   4. Substitutions: Under provisions of General Specifications.

B. Rigid Steel Conduit: ANSI C80.1.

C. Intermediate Metal Conduit (IMC): Rigid steel.

D. Fittings and Conduit Bodies: NEMA FB 1; material to match conduit.

2.02 PVC COATED METAL CONDUIT

A. Manufacturers:
   1. Occidental Coating.

2. P.C.D.
3. Robroy Industries.
4. Substitutions: Under provisions of General Specifications.

B. Product Description: NEMA RN 1; rigid steel conduit with external PVC coating, 40 mil thick.

C. Fittings and Conduit Bodies: NEMA FB 1; steel fittings with external PVC coating to match conduit.

2.03 FLEXIBLE METAL CONDUIT

A. Manufacturers:
1. Acme International.
2. Electri-Flex Co.
3. Hubbell Inc.
4. Substitutions: Under provisions of General Specifications

B. Product Description: Interlocked steel or aluminum construction.

C. Fittings: NEMA FB 1.

2.04 LIQUIDTIGHT FLEXIBLE METAL CONDUIT

A. Manufacturers:
1. Acme International.
2. Electri-Flex Co.
3. Hubbell Inc.
4. Substitutions: Under provisions of General Specifications.

B. Product Description: Interlocked steel or aluminum construction with PVC jacket.

C. Fittings: NEMA FB 1.

2.05 ELECTRICAL METALLIC TUBING (EMT)

A. Manufacturers:
1. Allied Tube and Conduit.
2. AFC.
3. Hubbell Inc.
4. Substitutions: Under provisions of General Specifications.

B. Product Description: ANSI C80.3; galvanized tubing.

C. Fittings and Conduit Bodies: NEMA FB 1; steel or malleable iron, compression type.

2.06 NONMETALLIC CONDUIT

A. Manufacturers:
1. Carlon.
2. RACO.
3. Can-Tex.
4. Substitutions: Under provisions of General Specifications.

B. Product Description: NEMA TC 2; Schedule 40 or 80 PVC.

C. Fittings and Conduit Bodies: NEMA TC 3.

2.07 WIREWAY

A. Manufacturers:
1. Circle AW.

2. Thomas & Betts Corp.
3. Substitutions: Under provisions of General Specifications.

B. Product Description: General purpose or Raintight type wireway as required.
C. Knockouts: Manufacturer's standard.
D. Size: Dimensions as indicated on Drawings or as required by the NEC for the intended application.
E. Cover: Hinged or screw cover as indicated or as required for the intended applications. Provide with full gaskets when requried.
F. Connector: Flanged.
G. Fittings: Lay-in type.
H. Finish: Rust inhibiting primer coating with manufacturer’s standard gray enamel finish.

2.08 OUTLET BOXES

A. Sheet Metal Outlet Boxes: NEMA OS 1, galvanized steel.
1. Luminaire and Equipment Supporting Boxes: Rated for weight of equipment supported; furnish 1/2 inch male fixture studs where required.
2. Concrete Ceiling Boxes: Concrete type.

B. Nonmetallic Outlet Boxes: NEMA OS 2.
C. Cast Boxes: NEMA FB 1, Type FD, cast feralloy. Furnish gasketed cover by box manufacturer. Furnish threaded hubs.

D. Wall Plates for Finished Areas: As specified in Section 26 27 26.
E. Wall Plates for Unfinished Areas: Furnish gasketed cover.

2.09 SMALL PULL AND JUNCTION BOXES

A. Sheet Metal Boxes: NEMA OS 1, galvanized steel.
B. Hinged Enclosures: As specified.
C. Surface Mounted Cast Metal Box: NEMA 250, Type 4; flat-flanged, surface mounted junction box:
1. Material: Galvanized cast iron or aluminum.
2. Cover: Furnish with ground flange, neoprene gasket, and stainless steel cover screws.

D. In-Ground Cast Metal Box: NEMA 250, Type 6, galvanized cast iron, flanged, recessed cover box for flush mounting. Nonskid cover with neoprene gasket and stainless steel cover screws. Cover Legend: "ELECTRIC" or as indicated.
E. Fiberglass or Concrete Composite Handholes: Die-molded, glass-fiber or concrete composite hand holes. Cable Entrance: Pre-cut 6 inch x 6 inch cable entrance at center bottom of each side. Cover: Glass-fiber or concrete composite, weatherproof cover with nonskid finish. Cover Legend: "ELECTRIC" or as indicated.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify outlet locations and routing and termination locations of raceway prior to rough-in.

3.02 INSTALLATION

A. Ground and bond raceway and boxes in accordance with Section 26 05 26.
B. Fasten raceway and box supports to structure and finishes in accordance with Section 26 05 29.
C. Identify raceway and boxes in accordance with Section 26 05 53.

D. Arrange raceway and boxes to maintain headroom and present neat appearance.

3.03 INSTALLATION - RACEWAY

A. Install conduit in accordance with NECA "Standard of Installation”.
B. Raceway routing is shown in approximate locations unless dimensioned. Route to complete wiring system.
C. Arrange raceway supports to prevent misalignment during wiring installation.
D. Support raceway using coated steel or malleable iron straps, lay-in adjustable hangers, clevis hangers, and split hangers.
E. Group related raceway; support using conduit rack. Construct rack using steel channel specified in Section 16070; provide space on each for 25 percent additional raceways.
F. Do not support raceway with wire or perforated pipe straps. Remove wire used for temporary supports
G. Do not attach raceway to ceiling support wires or other piping systems.
H. Construct wireway supports from steel channel specified in Section 26 05 29.
I. Route exposed raceway parallel and perpendicular to walls.
J. Route raceway installed above accessible ceilings parallel and perpendicular to walls.
K. Maintain clearance between raceway and piping for maintenance purposes.
L. Maintain 12 inch clearance between raceway and surfaces with temperatures exceeding 104 degrees F.
M. Cut conduit square using saw or pipe cutter; de-burr cut ends.
N. Bring conduit to shoulder of fittings; fasten securely.
O. Join nonmetallic conduit using cement as recommended by manufacturer. Wipe nonmetallic conduit dry and clean before joining. Apply full even coat of cement to entire area inserted in fitting. Allow joint to cure for minimum 20 minutes.
P. Install conduit hubs or sealing locknuts to fasten conduit to sheet metal boxes in damp and wet locations and to cast boxes.
Q. Install no more than equivalent of three 90 degree bends between boxes. Install conduit bodies to make sharp changes in direction, as around beams. Install hydraulic one-shot bender to fabricate or factory elbows for bends in metal conduit larger than 2 inch size.
R. Avoid moisture traps; install junction box with drain fitting at low points in conduit system.
S. Install fittings to accommodate expansion and deflection where raceway crosses seismic, control and expansion joints.
T. Install suitable pull string or cord in each empty raceway except sleeves and nipples.
U. Install suitable caps to protect installed conduit against entrance of dirt and moisture.
V. Surface Raceway: Install flat-head screws, clips, and straps to fasten raceway channel to surfaces; mount plumb and level. Install insulating bushings and inserts at connections to outlets and corner fittings.
W. Close ends and unused openings in wireway.
X. Exposed conduit floor penetrations shall be plastic coated steel or intermediate metal conduit or PVC wrapped (10 mil tape with 1/2 lap) galvanized rigid steel or intermediate metal conduit. Concealed floor penetrations in a finished wall or chase may be thickwall Schedule 80 non-metallic conduit. Extend non-metallic conduit to nearest junction box.

3.04 INSTALLATION - BOXES

A. Install wall mounted boxes at elevations to accommodate mounting heights as indicated on Drawings.
B. Adjust box location up to 5 feet prior to rough-in to accommodate intended purpose.
C. Orient boxes to accommodate wiring devices oriented as specified in Section 26 27 26.
D. Install pull boxes and junction boxes above accessible ceilings and in unfinished areas only.
E. In Accessible Ceiling Areas: Install outlet and junction boxes no more than 6 inches from ceiling access panel or from removable recessed luminaire.
F. Locate flush mounting box in masonry wall to require cutting of masonry unit corner only. Coordinate masonry cutting to achieve neat opening.

G. Do not install flush mounting box back-to-back in walls; install with minimum 6 inches separation. Install with minimum 24 inches separation in acoustic rated walls.
H. Secure flush mounting box to interior wall and partition studs. Accurately position to allow for surface finish thickness.
I. Install stamped steel bridges to fasten flush mounting outlet box between studs.
J. Install flush mounting box without damaging wall insulation or reducing its effectiveness.
K. Install adjustable steel channel fasteners for hung ceiling outlet box.
L. Do not fasten boxes to ceiling support wires or other piping systems.
M. Support boxes independently of conduit.
N. Install gang box where more than one device is mounted together. Do not use sectional box.
O. Install gang box with plaster ring for single device outlets.
P. Set floor boxes level.

3.05 INTERFACE WITH OTHER PRODUCTS

A. Install conduit to preserve fire resistance rating of partitions and other elements, using materials and methods in accordance with General Specifications.
B. Route conduit through roof openings for piping and ductwork or through suitable roof jack with pitch pocket. Coordinate location with roofing installation specified in Specifications.
C. Locate outlet boxes to allow luminaires positioned as indicated on Drawings.
D. Align adjacent wall mounted outlet boxes for switches, thermostats, and similar devices.

3.06 ADJUSTING

A. Adjust flush-mounting outlets to make front flush with finished wall material.
B. Install knockout closures in unused openings in boxes.

3.07 CLEANING

A. Clean interior of boxes to remove dust, debris, and other material.
B. Clean exposed surfaces and restore finish.

END OF SECTION 26 05 33

SECTION 26 05 53
IDENTIFICATION FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes building wire and cable; metal clad cable; and wiring connectors and connections.
B. Section Includes:
   1. Nameplates.
   2. Labels.
   3. Wire markers.
   4. Conduit markers.
   5. Stencils.
   6. Underground Warning Tape.
   7. Lockout Devices.
C. Related Sections:
   1. Section - Paints and Coatings: Execution requirements for painting specified by this section.

1.02 SUBMITTALS

A. Product Data:
   1. Submit manufacturer’s catalog literature for each product required.
   2. Submit electrical identification schedule including list of wording, symbols, letter size, color coding, tag number, location, and function.
B. Samples:
   1. Submit two tags, actual size.
   2. Submit two labels, actual size.
C. Manufacturer's Installation Instructions: Indicate installation instructions, special procedures, and installation.

1.03 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record actual locations of tagged devices; include tag numbers.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Accept identification products on site in original containers. Inspect for damage.
B. Accept materials on site in original factory packaging, labeled with manufacturer's identification, including product density and thickness.
C. Protect insulation from weather and construction traffic, dirt, water, chemical, and mechanical damage, by storing in original wrapping.

1.05 ENVIRONMENTAL REQUIREMENTS

A. Install labels and nameplates only when ambient temperature and humidity conditions for adhesive are within range recommended by manufacturer.

1.06 EXTRA MATERIALS

A. Furnish two containers of spray-on adhesive.

PART 2 - PRODUCTS

2.01 NAMEPLATES

A. Product Description: Laminated three-layer plastic with engraved white letters on black contrasting background color.
B. Letter Size:
   1. 1/8 inch high letters for identifying individual equipment and loads.
   2. 1/4 inch high letters for identifying grouped equipment and loads.
C. Minimum nameplate thickness: 1/8 inch.

2.02 LABELS

A. Labels: Embossed adhesive tape, with 3/16 inch white letters on black background.

2.03 WIRE MARKERS

A. Description: Cloth tape, split sleeve, or tubing type wire markers.
B. Legend:
   1. Power and Lighting Circuits: Branch circuit or feeder number.
   2. Control Circuits: Control wire number as indicated on shop drawings.

2.04 CONDUIT AND RACEWAY MARKERS

A. Description: Labels fastened with adhesive.
B. Color:
   1. 240 Volt System: Black lettering on white background.
   2. Fire Alarm System: Red lettering on white background.
C. Legend:
   1. Fire Alarm System: FIRE ALARM.

PART 3 - EXECUTION

3.01 PREPARATION

A. Degrease and clean surfaces to receive adhesive for identification materials.

3.02 INSTALLATION

A. Install identifying devices after completion of painting.
B. Nameplate Installation:
   1. Install nameplate parallel to equipment lines.
   2. Install nameplate for each electrical distribution and control equipment enclosure with corrosive-resistant mechanical fasteners, or adhesive.

3. Install nameplates for each control panel and major control components located outside panel with corrosive-resistant mechanical fasteners, or adhesive.
4. Secure nameplate to equipment front using screws, rivets, or adhesive.
5. Secure nameplate to inside surface of door on recessed panelboard in finished locations.
6. Install nameplates for the following:
    a. Switchboards.
    b. Panelboards.
    c. Service Disconnects.
    d. Telephone Mounting Boards.

C. Label Installation:
1. Install label parallel to equipment lines.
2. Install label for identification of individual control device stations.
3. Install labels for permanent adhesion and seal with clear lacquer.

D. Wire Marker Installation:
1. Install wire marker for each conductor at panelboard, pull boxes, outlet and junction boxes, and each load connection.
2. Mark data cabling at each end. Install additional marking at accessible locations along the cable run.
3. Install labels at data outlets identifying patch panel and port designation.

E. Conduit Marker Installation:
1. Install conduit marker for each conduit longer than 6 feet.
2. Conduit Marker Spacing: 20 feet on center.
3. Raceway Painting: Identify conduit using field painting in accordance with Specifications.
    a. Paint colored band on each conduit longer than 6 feet.
    b. Paint bands 20 feet on center.
    c. Color:
        1) Fire Alarm System: Red.

END OF SECTION 26 05 53

SECTION 26 24 13 – SWITCHBOARDS

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes main switchboards.

B. Related Sections:

1. Section 26 05 26 - Grounding and Bonding for Electrical Systems.
2. Section 26 05 53 - Identification for Electrical Systems.

1.02 REFERENCES

A. American National Standards Institute:
1. ANSI C12.1 - Code for Electricity Metering.
2. ANSI C39.1 - Requirements, Electrical Analog Indicating Instruments.

B. Institute of Electrical and Electronics Engineers:
1. IEEE C57.13 - Standard Requirements for Instrument Transformers.
2. IEEE C62.41 - Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.

C. National Electrical Manufacturers Association:
1. NEMA AB 1 - Molded Case Circuit Breakers and Molded Case Switches.
2. NEMA FU 1 - Low Voltage Cartridge Fuses.
3. NEMA KS 1 - Enclosed and Miscellaneous Distribution Equipment Switches (600 Volts Maximum).
4. NEMA PB 2 - Deadfront Distribution Switchboards.
5. NEMA PB 2.1 - General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or Less.

D. International Electrical Testing Association:
1. NETA ATS - Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems.

1.03 SUBMITTALS

A. Shop Drawings: Indicate front and side views of enclosures with overall dimensions shown; conduit entrance locations and requirements; nameplate legends; size and number of bus bars for each phase, neutral, and ground; and switchboard instrument details.

B. Product Data: Submit electrical characteristics including voltage, frame size and trip ratings, fault current withstand ratings, and time-current curves of equipment and components.

C. Test Reports: Indicate results of factory production and field tests.

1.04 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record actual locations, configurations, and ratings of switchboards and their components on single line diagrams and plan layouts.

B. Operation and Maintenance Data: Submit spare parts data listing; source and current prices of replacement parts and supplies; and recommended maintenance procedures and intervals.

1.05 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Deliver in 48 inch maximum width shipping splits, individually wrapped for protection and mounted on shipping skids.

B. Accept switchboards on site. Inspect for damage.

C. Store in clean, dry space. Maintain factory wrapping or provide additional canvas or plastic cover to protect units from dirt, water, construction debris, and traffic.

D. Handle in accordance with NEMA PB 2.1. Lift only with lugs provided. Handle carefully to avoid damage to switchboard internal components, enclosure, and finish.

1.07 ENVIRONMENTAL REQUIREMENTS

A. Conform to NEMA PB 2 service conditions during and after installation of switchboards.

1.08 FIELD MEASUREMENTS

A. Verify field measurements prior to fabrication.

1.09 SEQUENCING

A. Sequence Work to avoid interferences with building finishes and installation of other products.

1.10 MAINTENANCE MATERIALS

A. Furnish two of each key.

1.11 EXTRA MATERIALS

A. Furnish three of each size and type of fuse installed.

PART 2 - PRODUCTS

2.01 DISTRIBUTION SWITCHBOARDS

A. Manufacturers:
   1. GE Electric.
   2. Siemens.
   3. Square D.
   4. Eaton.
   5. Substitutions: Under provisions of General Specifications.

B. Product Description: NEMA PB 2, enclosed switchboard with electrical ratings and configurations as indicated on Drawings.

C. Service Conditions:
   1. Temperature: 122 degrees F.
   2. Altitude: Sea Level (-40 feet).

D. Device Mounting:
   1. Main Section: Individually mounted.
   2. Distribution Section: Panel mounted.

E. Bus:
   1. Material: Copper or Copper with tin plating, standard size.
   2. Connections: Bolted, accessible from front for maintenance.

F. Ground Bus: Extend length of switchboard.

G. Line and Load Terminations: Accessible from front only of switchboard, suitable for conductor materials and sizes as indicated on Drawings.

H. Utility Metering Compartment: Furnish metering transformer compartment for Utility Company's use, in accordance with Utility Company requirements.

I. Pull Section: Width as required by utility company, depth and height to match switchboard. Arrange as indicated on Drawings.

J. Future Provisions: Fully equip spaces for future devices with bussing and bus connections, insulated and braced for short circuit currents. Furnish continuous current rating as indicated on Drawings.

K. Enclosure: Type 1 General Purpose or 3R Raintight as indicated.

L. Align sections at front and rear.

M. Switchboard Height: 90 inches, excluding floor sills, lifting members and pull boxes.

N. Finish: Manufacturer's standard light gray enamel over external surfaces. Coat internal surfaces with minimum one coat corrosion-resisting paint, or plate with cadmium or zinc.

2.02 FUSIBLE SWITCH ASSEMBLIES

A. Product Description: NEMA KS 1, Type HD, load interrupter knife switch. Handle lockable in OFF position.

B. Fuse clips: Designed to accommodate NEMA FU 1, Class R fuses.

2.03 MOLDED CASE CIRCUIT BREAKER

A. Product Description: NEMA AB 1, molded-case circuit breaker.

2.04 INSULATED CASE CIRCUIT BREAKER

A. Product Description: NEMA AB 1, enclosed, insulated-case circuit breaker.

2.05 SOURCE QUALITY CONTROL

A. Furnish shop inspection and testing in accordance with NEMA PB 2.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify surface is suitable for switchboard installation.

3.02 INSTALLATION

A. Install in accordance with NEMA PB 2.1.

B. Tighten accessible bus connections and mechanical fasteners after placing switchboard.

C. Install fuses in each switch and coordinate sizes with connected load.

D. Install engraved plastic nameplates in accordance with Section 26 05 53.

E. Install breaker circuit directory.

F. Ground and bond switchboards in accordance with Section 26 05 26.

3.03 FIELD QUALITY CONTROL

A. Inspect and test in accordance with NETA ATS, except Section 4.

B. Perform inspections and tests listed in NETA ATS, Section 7.1.

3.04 ADJUSTING

A. Adjust operating mechanisms for free mechanical movement.

B. Tighten bolted bus connections.

C. Adjust circuit breaker trip and time delay settings to values as instructed by factory representative.

3.05 CLEANING

A. Touch up scratched or marred surfaces to match original finish.

END OF SECTION 26 24 13

SECTION 26 27 26
WIRING DEVICES

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes wall switches; receptacles; and device plates and decorative box covers.
B. Related Sections:
   1. Section 26 05 33 - Raceway and Boxes for Electrical Systems: Outlet boxes for wiring devices.

1.02 REFERENCES

A. National Electrical Manufacturers Association:
   1. NEMA WD 1 - General Requirements for Wiring Devices.
   2. NEMA WD 6 - Wiring Devices-Dimensional Requirements.

1.03 SUBMITTALS

A. Product Data: Submit manufacturer's catalog information showing dimensions, colors, and configurations.

1.04 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.05 EXTRA MATERIALS

A. Furnish two of each style, size, and finish wall plate.

PART 2 - PRODUCTS

2.01 WALL SWITCHES

A. Manufacturers:
   1. Hubbell.
   2. Leviton.
   3. Pass and Seymour.
   4. Substitutions: Under provisions of General Specifications.
B. Product Description: NEMA WD 1, Heavy-Duty, AC only general-use snap switch.
C. Body and Handle: Ivory plastic with toggle handle.
D. Voltage Rating: 120-277 volts, AC.
E. Current Rating: 20 amperes.

2.02 RECEPTACLES

A. Manufacturers:
   1. Hubbell.
   2. Leviton.
   3. Pass and Seymour.
   4. Substitutions: Under provisions of General Specifications.
B. Product Description: NEMA WD 1, Heavy-duty general use receptacle.
C. Device Body: Ivory plastic.
D. Configuration: NEMA WD 6, type as indicated on Drawings.
E. Convenience Receptacle: Type 5-20.
F. GFCI Receptacle: Convenience receptacle with integral ground fault circuit interrupter to meet regulatory requirements.

2.03 WALL PLATES

A. Manufacturers:
   1. Hubbell.
   2. Leviton.
   3. Pass and Seymour.
   4. Substitutions: Under provisions of General Specifications.
B. Decorative Cover Plate: Ivory color; nylon or fiberglass at offices, halls and all normally occupied areas; smooth plastic at storage, maintenance, janitor and other approved service spaces.
C. Jumbo Cover Plate: Ivory color; nylon or fiberglass at offices, halls and all normally occupied areas; smooth plastic at storage, maintenance, janitor and other approved service spaces..
D. Weatherproof Cover Plate: Gasketed cast metal plate with hinged and gasketed device cover.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify outlet boxes are installed at proper height.
B. Verify wall openings are neatly cut and completely covered by wall plates.
C. Verify branch circuit wiring installation is completed, tested, and ready for connection to wiring devices.

3.02 PREPARATION

A. Clean debris from outlet boxes.

3.03 INSTALLATION

A. Install devices plumb and level.
B. Install switches with OFF position down.
C. Install receptacles with grounding pole on bottom.
D. Connect wiring device grounding terminal to outlet box with bonding jumper and branch circuit equipment grounding conductor.
E. Install decorative plates on switch, receptacle, and blank outlets in finished areas.
F. Connect wiring devices by wrapping solid conductor around screw terminal. Install stranded conductor for branch circuits 10 AWG and smaller. When stranded conductors are used in lieu of solid, use crimp on fork terminals for device terminations. Do not place bare stranded conductors directly under device screws.
G. Use jumbo size plates for outlets installed in masonry walls.

H. Install galvanized steel plates on outlet boxes and junction boxes in unfinished areas, above accessible ceilings, and on surface mounted outlets.

3.04 INTERFACE WITH OTHER PRODUCTS

A. Coordinate locations of outlet boxes provided under Section 26 05 33 to obtain mounting heights as specified and as indicated on drawings.
B. Install wall switch 46 inches above finished floor.
C. Install convenience receptacle 15 inches above finished floor or as indicated.
D. Install convenience receptacle 6 inches above counter or back splash of counter.
E. Install dimmer 46 inches above finished floor.

3.05 FIELD QUALITY CONTROL

A. Inspect each wiring device for defects.
B. Operate each wall switch with circuit energized and verify proper operation.
C. Verify each receptacle device is energized.
D. Test each receptacle device for proper polarity.
E. Test each GFCI receptacle device for proper operation.

3.06 ADJUSTING

A. Adjust devices and wall plates to be flush and level.

3.07 CLEANING

A. Clean exposed surfaces to remove splatters and restore finish.

END OF SECTION 26 27 26

SECTION 26 51 00 – INTERIOR LIGHTING

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes interior luminaires, lamps, ballasts, and accessories.

B. Related Sections:

1. Section 26 05 26 - Grounding and Bonding for Electrical Systems.
2. Section 26 05 33 - Raceway and Boxes for Electrical Systems.

1.02 SUBMITTALS

A. Shop Drawings: Indicate dimensions and components for each luminaire not standard product of manufacturer.

B. Product Data: Submit manufacturer standard submittal data to include product data, dimensions, ratings, and performance data.

1.03 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.04 FIELD MEASUREMENTS

A. Verify field measurements prior to fabrication.

1.05 MAINTENANCE MATERIALS

A. Furnish two of each plastic lens type.

B. Furnish two replacement lamps for each lamp installed.

C. Furnish one of each occupancy sensor, power pack, and occupancy sensor light switch.

PART 2 - PRODUCTS

2.01 INTERIOR LUMINAIRES

A. Product Description: Complete interior luminaire assemblies, with features, options, and accessories as scheduled.

2.02 LED LIGHT FIXTURES

A. General:
   1. LED light fixtures shall be in accordance with IES, NFPA, UL, as shown on the drawings, and as specified.
   2. LED light fixtures shall be Reduction of Hazardous Substances (RoHS)-compliant.
   3. LED drivers shall include the following features unless otherwise indicated:
      a. Minimum efficiency: 85% at full load.
      b. Minimum Operating Ambient Temperature: -20˚ C. (-4˚ F.)
      c. Input Voltage: 120 - 277V (±10%) at 60 Hz.
      d. Integral short circuit, open circuit, and overload protection.
      e. Power Factor: ≥ 0.95.
      f. Total Harmonic Distortion: ≤ 20%.
      g. Comply with FCC 47 CFR Part 15.
      h. Manufacturer minimum 5-year standard warranty.
   4. LED modules shall include the following features unless otherwise indicated:
      a. Comply with IES LM-79 and LM-80 requirements.
      b. Minimum CRI 80 and color temperature 3000˚K unless otherwise specified in LIGHTING FIXTURE SCHEDULE.
      c. Minimum Rated Life: 50,000 hours per IES L70.
      d. Light output lumens as indicated in the LIGHTING FIXTURE SCHEDULE.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install surface mounted luminaires plumb and adjust to align with building lines and with each other. Secure to prevent movement.

B. Install wall-mounted luminaires at height as indicated on Drawings.

C. Install accessories furnished with each luminaire.

D. Connect luminaires to branch circuit outlets provided under Section 26 05 33 as indicated on Drawings.

E. Make wiring connections to branch circuit using building wire with insulation suitable for temperature conditions within luminaire.

F. Install specified lamps in each luminaire.

G. Ground and bond interior luminaires in accordance with Section 26 05 26.

3.02 FIELD QUALITY CONTROL

A. Operate each luminaire after installation and connection. Inspect for proper connection and operation.

3.03 ADJUSTING

A. Aim and adjust luminaires as indicated on Drawings.

3.04 CLEANING

A. Remove dirt and debris from enclosures.

B. Clean photometric control surfaces as recommended by manufacturer.

C. Clean finishes and touch up damage.

3.05 PROTECTION OF FINISHED WORK

A. Relamp or replace luminaires having failed lamps at Substantial Completion.

END OF SECTION 26 51 00

SECTION 28 31 00
FIRE DETECTION AND ALARM

PART 1 GENERAL

1.01 SUMMARY

A. Section includes auxiliary fire alarm equipment and power and signal wire and cable.

B. Related Sections:
1. Section 26 05 19 - Low-Voltage Electrical Power Conductors and Cables.
2. Section 26 05 26 - Grounding and Bonding for Electrical Systems.
3. Section 28 05 53 - Identification for Electronic Safety and Security.

1.02 REFERENCES

A. National Fire Protection Association:
1. NFPA 72 - National Fire Alarm Code.
2. NFPA 262 - Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces.

1.03 SYSTEM DESCRIPTION

A. Fire Alarm System: NFPA 72, manual and automatic local fire alarm system with connections to central station. System is existing. This section of the specification includes the design, furnishing, installation, connection and testing of the specified fire alarm equipment required to form a complete, operative, coordinated system.

1.04 SUBMITTALS

A. Shop Drawings: Indicate system wiring diagram showing each device and wiring connection; and provide design calculations including battery and power supply calculations per NFPA 72 and wire sizing and voltage drop calculations.

B. Product Data: Submit catalog data showing electrical characteristics and connection requirements.

C. Test Reports: Indicate procedures and results for specified field testing and inspection.

D. Manufacturer's Field Reports: Indicate activities on site, adverse findings, and recommendations.

1.05 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record actual locations of fire alarm equipment.

B. Operation and Maintenance Data: Submit manufacturer’s standard operating and maintenance instructions.

1.06 QUALITY ASSURANCE

A. Provide wiring materials located in plenums with peak optical density not greater than 0.5, average optical density not greater than 0.15, and flame spread not greater than 5 feet (1.5 m) when tested in accordance with NFPA 262.

1.07 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience, and with service facilities within 200 miles of project.

B. Installer: Certified fire alarm installer with service facilities within 200 miles of Project. Installer shall also meet the qualifications and experience requirements of NFPA 72.

C. Installation Designer: Design fire alarm installation shop drawings under direct supervision of certified fire alarm designer experienced in design of this Work. Company or individual authorized by manufacturer and specializing in designing systems by manufacturer with minimum three years documented experience. Designer shall also meet the qualifications and experience requirements of NFPA 72 and the State of California.

D. Furnish service and maintenance of fire alarm equipment for one year from Date of Substantial Completion.

1.08 SOFTWARE MODIFICATIONS

A. Services of a factory trained and authorized technician to perform all system software modifications, upgrades or changes shall be readily available both for this contract and for subsequent system modifications. Response time of the technician to the site shall not exceed 4 hours.

B. Provide all hardware, software, programming tools and documentation necessary to modify the fire alarm network on site. Modification includes addition and deletion of devices, circuits, zones and changes to system operation and custom label changes for devices or zones. The system structure and software shall place no limit on the type or extent of software modifications on-site. Modification of software shall not require power-down of the system or loss of system fire protection while modifications are being made.

PART 2 - PRODUCTS

2.01 INITIATING DEVICES

A. Addressable Devices: Addressable devices shall be compatible with the fire alarm control panel. Addressable devices shall use simple to install and maintain selectable address switches. Addressable devices shall provide address-setting means using decimal switches and shall also store an internal identifying code that the control panel shall use to identify the type of device. LED’s shall flash under normal conditions, indicating that the device is operational and is in regular communication with the control panel. Detectors shall be intelligent (analog) and addressable, and shall connect with two wires to the FACP signaling line circuit.

B. Duct Mounted Smoke Detector: NFPA 72, photoelectric type with auxiliary SPDT relay contact, key-operated NORMAL-RESET-TEST switch, duct sampling tubes extending width of duct, and visual indication of detector actuation, in duct-mounted housing.

2.02 WIRE AND CABLE

A. Signaling Line Circuit and Notification Appliance Circuits: Wiring shall be in accordance with NEC and as recommended by the manufacturer of the fire alarm system. Non-power limited fire-protective signaling cable, copper conductor, 300 volt insulation rated 90 degrees C. Number and size of conductors shall be as recommended by the fire alarm system manufacturer, but not less than 16 AWG for signaling line circuits, and 14 AWG for notification appliance circuits.

B. All wire and cable shall be listed and/or approved by a recognized testing agency for use with a protective signaling system.

C. Wiring used for the signaling line circuit (SLC) multiplex communication loop shall be twisted and shielded and installed in conduit unless specifically excepted by the fire alarm equipment manufacturer.

D. All field wiring shall be completely supervised.

E. Fire alarm circuit conductors have insulation color or code to match existing.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify products and systems receiving devices are ready for installation.

3.02 INSTALLATION

A. Install conductors for fire alarm detection and signal circuit conductors in conduit.

B. Mount end-of-line device in control panel.

C. Connect conduit and wire to duct smoke detectors.

D. Automatic Detector Installation: Conform to NFPA 72.

E. Install engraved plastic nameplates in accordance with Section 28 05 53.

F. Ground and bond fire alarm equipment and circuits in accordance with Section 26 05 26..

3.03 FIELD QUALITY CONTROL

A. Test in accordance with NFPA 72 and local fire department requirements.

3.04 MANUFACTURER'S FIELD SERVICES

A. Include services of certified technician to supervise installation, adjustments, final connections, and system testing.

3.05 DEMONSTRATION AND TRAINING

A. Furnish instruction for two persons, to be conducted at project site with manufacturer's representative.

END OF SECTION 28 31 00

SECTION 31 10 00

SITE CLEARING

PART 1 - GENERAL

1.01 DESCRIPTION

A. Section includes: Provisions for clearing and grubbing as herein defined.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 DEFINITIONS

A. “Clearing” means the picking up, removal, and disposal of above ground rubbish and debris, vegetation, trees, pavement markings, and structures not otherwise designated for demolition or preservation.

B. “Grubbing” means the dislodging, removal, and disposal of below ground rubbish and debris, vegetation, tree root balls, rocks or similar elements, pre-existing facilities and structures not otherwise designated for preservation.

1.03 ACTION SUBMITTALS

A. No action submittals are necessary.

1.04 INFORMATIONAL SUBMITTALS

A. Submit under the provisions of Section 01 33 00 Submittal Procedures.

B. Existing Conditions: Documentation of existing trees and plantings, adjoining construction, and site improvements that establishes preconstruction conditions that might be misconstrued as damage caused by site clearing.

1. Use sufficiently detailed photographs or videorecording.

2. Include plans and notations to indicate specific wounds and damage conditions of each tree or other plants designated to remain.

C. Record Drawings: Identifying and accurately showing locations of capped utilities and other subsurface structural, electrical, and mechanical conditions.

REFERENCES

D. Published specifications, standards, tests, or recommended methods of trade, industry or governmental organizations apply to work of this section where cited by abbreviations noted below:

   1. California Building Code (CBC), latest edition.

PART 2 - PRODUCTS

2.01 GENERAL

A. Areas within limits of work shall be cleared of all materials listed in the definition of “clearing” hereinafter.

B. Retain existing topsoil for backfilling and landscaping upon completion, when determined to be acceptable.

2.02 CLEARING

A. Perform clearing operations in advance of excavating, filling, and grading, unless otherwise directed.

   1. Remove above ground organic matter such as trees, brush, logs, stumps, rubbish, and debris and dispose of as specified hereinafter.

2.03 GRUBBING

A. Remove piping, foundations, and other underground objects.

B. Protect underground facilities encountered during grubbing operations, until it has been determined whether they are active or inactive. Repair damage occurring to active facilities which are to remain.

   1. Remove inactive or abandoned underground utility pipes or ducts with tops located within 2 feet of the natural grade elevation.

   2. Inactive or abandoned underground utility pipes or ducts with tops located more than 2 feet from the natural grade elevation may be abandoned in place, when agreed by the State following verification and location in coordination with the new structures and facilities. Plug open pipe ends in manholes, valve pits, drainage structures, and similar items with 6 inches of concrete. Fill pits with excess local fill or as otherwise directed. Those that may be abandoned in place shall be shown as abandoned on “As-Built Drawings”.

C. Grub to 2 feet below natural or finish grade elevation, whichever is lower, or as otherwise specified.

1. Remove roots, wood, buried logs, and other unwanted organic material 1-1/2 inches in diameter, or greater.

2. Remove natural rock material 6 inches in diameter, or greater.

3. Remove root masses (balls) of trees and stumps to a depth of 4 feet below the natural or finish grade elevation, whichever is lower.

D. Remove bituminous pavement, concrete pavement, concrete slabs, curbs, columns, foundations, and walls within the designated limits and as specified hereinafter; neatly trim remaining portions. Saw cut pavement to provide a uniform, straight edge when retained.

E. Prior to grading operation, the site should be cleared of any debris and disposed of off-site. Stripping should extend laterally a minimum of 5 feet beyond the limits of structures and a minimum of 2 feet beyond paving.

2.04 DISPOSAL

A. Items cleared, grubbed, or removed that are not to be salvaged or reused in the work shall be legally disposed of off the site.

PART 3 - EXECUTION

3.01 PREPARATION

A. Protect and maintain benchmarks and survey control points from disturbance during construction.

B. Protect existing site improvements to remain from damage during construction.

1. Restore damaged improvements to their original condition, as acceptable to State.

3.02 TEMPORARY EROSION AND SEDIMENTATION CONTROL

A. Provide temporary erosion and sedimentation control measures to prevent soil erosion and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways, according to erosion and sedimentation control Drawings and requirements of authorities having jurisdiction. Refer to Division 1 specifications for permit requirements.

B. Verify that flows of water redirected from construction areas or generated by construction activity do not enter or cross protection zones.

C. Inspect, maintain, and repair erosion and sedimentation control measures during construction until permanent vegetation has been established.

D. Remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal.

3.03 EXISTING UTILITIES

A. Arrange for disconnecting and sealing indicated utilities before site clearing.

1. Verify that utilities have been disconnected and capped before proceeding with site clearing.

B. Locate, identify, disconnect, and seal or cap utilities indicated to be removed.

1. Arrange with utility companies to shut off indicated utilities.

2. Arrange to shut off indicated utilities.

C. Interrupting Existing Utilities: Do not interrupt utilities serving occupied facilities unless permitted under the following conditions and then only after arranging to provide temporary utility services according to requirements indicated:

D. Excavate for and remove underground utilities indicated to be removed.

3.04 CLEARING AND GRUBBING

A. Remove obstructions, trees, shrubs, and other vegetation not designated for protection to permit installation of new construction.

1. Grind down stumps and remove roots, obstructions, and debris to a depth of 18 inches below exposed subgrade.

B. Fill depressions caused by clearing and grubbing operations with satisfactory soil material unless further excavation or earthwork is indicated.

1. Place fill material in horizontal layers not exceeding a loose depth of 8 inches and compact each layer to a density equal to adjacent original ground.

3.05 TOPSOIL STRIPPING

A. Remove sod and grass before stripping topsoil.

B. Strip topsoil to depth of 6 inches in a manner to prevent intermingling with underlying sub-soil or other waste materials.

1. Remove sub-soil and non-soil materials from topsoil, including clay lumps, gravel, and other objects more than 2 inches in diameter; trash, debris, weeds, roots, and other waste materials.

C. Stockpile topsoil away from edge of excavations without intermixing with sub-soil. Grade and shape stockpiles to drain surface water. Cover to prevent windblown dust and erosion by water.

1. Limit height of topsoil stockpiles to 72 inches.

2. Dispose of surplus topsoil. Surplus topsoil is that which exceeds quantity indicated to be stockpiled or reused.

3. Stockpile surplus topsoil to allow for re-spreading deeper topsoil.

3.06 SITE IMPROVEMENTS

A. Remove existing above- and below-grade improvements as indicated and necessary to facilitate new construction.

B. Remove paving, curbs, gutters, and aggregate base as indicated.

1. Unless existing full-depth joints coincide with line of demolition, neatly saw-cut along the line of existing pavement to remain before removing adjacent existing pavement. Saw-cut faces vertically.

2. Paint cut ends of steel reinforcement in concrete to remain with two coats of anti-rust coating, following coating manufacturer's written instructions. Keep paint off surfaces that will remain exposed.

3.07 DISPOSAL OF SURPLUS AND WASTE MATERIALS

A. Remove surplus soil material, unsuitable topsoil, obstructions, demolished materials, and waste materials including trash and debris, and legally dispose of them off property.

B. Separate recyclable materials produced during site clearing from other non-recyclable materials. Store or stockpile without intermixing with other materials and transport them to recycling facilities. Do not interfere with other Project work.

END OF SECTION

SECTION 31 20 00

EARTH MOVING

PART 1 - GENERAL

1.01 SUMMARY

A. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 SECTION REQUIREMENTS

A. Geotechnical Report: A formal report was not done for this site. For general soils information refer to the information in the projects Phase I Environmental Site Assessment Report Geology/Soils Section for general soil information on subsurface conditions.

B. The Contractor shall employ a qualified geotechnical consultant as their Geotechnical Engineer of Record to confirm existing soil conditions on the project site, make final recommendations for earthwork related to the project design and make recommendations regarding imported materials, unforeseen conditions, backfilling and compaction. The State will retain the Testing Agency; however, the Contractor shall also employ its own testing firm to classify proposed on-site and borrow soils to verify that soils comply with specified requirements and to perform required field and laboratory testing as required for earthwork certifications. The State's Testing Agency shall provide quality assurance only.

C. Before commencing off-site and on-site earthwork, meet with representatives of the County, the State, appropriate Contractor team members, Geotechnical Engineer of Record, State's independent Testing Agency, Contractor's testing firm, and other concerned entities. For both off-site and on-site earthwork, review earthwork procedures and responsibilities including testing and inspection procedures and requirements.

D. The Contractor shall locate all underground features, which are required to remain, sufficiently in advance of the demolition or earthwork operations to preclude damage to underground features. The Contractor shall contact Underground Service Alert minimum 48 hours before work is to begin or as defined in applicable laws.

1.03 ACTION SUBMITTALS

A. No action submittals are necessary.

1.04 INFORMATIONAL SUBMITTALS

A. Submit under provisions for Section 01 33 00 Submittal Procedures.

B. Product Data for Geotextiles.

C. Qualification Data: For qualified Contractor's testing firm.

D. Material Test Reports: For each on-site and borrow soil material proposed for fill and backfill as follows:

1. Classification according to ASTM D2487.

2. Laboratory compaction curve according to ASTM D1557.

E. Pre-excavation Photographs or Videorecording: Show existing conditions of adjoining construction and site improvements, including finish surfaces that might be misconstrued as damage caused by earth moving operations. Submit before earth moving begins.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Satisfactory Soil: ASTM D2487 Soil Classification Groups GW, GP, GM, CL, SC, SW, SP, and SM; free of rock or gravel larger than 2 inches in any dimension, debris, waste, frozen materials, vegetation, or other deleterious matter or as specified by the project's Geotechnical Engineer.

B. Unsatisfactory Soil: ASTM D2487 Soil Classification Groups GC, ML, MH, CH, OL, OH, and PT, or as specified by the project's Geotechnical Engineer.

C. Sub-base Material: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D2940; with at least 90% passing a 1-1/2 inch sieve and not more than 12% passing a No. 200 sieve.

D. Drainage Course: Narrowly graded mixture of crushed stone, or crushed or uncrushed gravel; ASTM D448; coarse-aggregate grading Size 57; with 100% passing a 1-1/2 inch sieve and 0 to 5% passing a No. 8 sieve, or as specified by manufacturer.

PART 3 - EXECUTION

3.01 EARTHWORK

A. Protect and maintain erosion and sedimentation controls during earthwork operations.

B. Protect sub-grades and foundation soils from softening and damage by water, freezing temperatures, or frost.

C. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.

D. Excavation (General): Keep excavations free from water and debris while construction is in progress. Unless otherwise required, concrete placed below grade will be formed, and excavations shall allow for placement and removal of forms. Side cuts shall be cribbed and shored as required to protect the stability of adjacent streets to the recommendations of the Geotechnical Engineer, the local City/County Engineering Manual, and the California Department of Transportation Standard Specifications.

E. Excavation for Structures: Shall be to a tolerance of plus or minus 0.10 foot and shall extend at least five feet laterally beyond the building limits at the excavation level. The excavation side slopes shall not exceed a slope ratio of 1 to 1, horizontal to vertical, unless they are positively retained by shoring or other approved methods.

F. Excavate for structures, building slabs, pavements, and walkways. Trim sub-grades to required lines and grades.

G. Utility Trenches: Excavate trenches to indicated slopes, lines, depths, and invert elevations. Maintain 12 inches of working clearance on each side of pipe or conduit.

H. Under pavements and walkways, place sub-base course material on prepared sub-grades and compact at optimum moisture content to required grades, lines, cross sections, and thicknesses.

I. Under slabs on grade, place drainage course on prepared sub-grade and compact to required cross section and thickness per Geotechnical and/or Structural Engineer recommendation(s).

3.02 EXCAVATION FOR PAVEMENTS

A. Cutting Pavement, Curbs, and Gutters: Saw cut with neat, parallel, straight lines one foot wider than trench width on each side of trenches and one foot beyond each edge of pits. If an existing pavement joint or cracked area is within two feet outside of a designated saw cut line shown on the drawings, removal and resurfacing shall be to that joint, and/or shall include the crack or cracked area, unless otherwise approved by the State.

3.03 SUBGRADE INSPECTIONS

A. Notify Geotechnical Engineer, Contractor’s testing firm, the State and City’s/County’s Inspection Representative when excavations have reached required sub-grade.

B. If the Geotechnical Engineer determines that unsatisfactory soil is present, The Geotechnical Engineer will make recommendation for the appropriate course of action.

3.04 BACKFILL

A. Place and compact backfill in excavations per Geotechnical Engineer’s recommendations.

B. Place backfill on sub-grades free of unsatisfactory material, frost, snow or ice.

3.05 COMPACTION

A. Percentage of Maximum Dry Density Requirements (Unless more stringent requirements are specified in the Geotechnical Report): Compact soil to not less than the following percentages of maximum dry density according to ASTM D1557:

1. For general site fills, compact each layer of backfill or fill material at 90% maximum dry density.

2. Under structures, building slabs, steps, and pavements, scarify and compact the top 12 inches of sub-grade at 95% maximum dry density.

3. Under walkways, scarify and compact the top 6 inches below sub-grade at 90% maximum dry density.

B. Compacted layers shall be no greater than 12 inches per lift or as appropriate for equipment being used.

3.06 FIELD QUALITY CONTROL

A. Contractor's testing firm shall inspect and test each sub-grade and each fill or backfill layer. Earthwork shall not proceed until test results for previously completed work verify compliance with requirements.

B. Contractor's testing firm shall perform field in-place density tests according to ASTM D1556 (sand cone method).

a. Field in-place density tests may also be performed by the nuclear method according to ASTM D6938, provided that calibration curves are periodically checked and adjusted to correlate to tests performed using ASTM D1556. Calibration tests using ASTM D1556 should be performed at a ratio of one for every 6 nuclear method tests. With each density calibration check, check the calibration curves furnished with the moisture gages according to ASTM D3017.

b. When field in-place density tests are performed using nuclear methods, make calibration checks of both density and moisture gages at beginning of work, on each different type of material encountered, and at intervals as directed by the project's Geotechnical Engineer.

2. Footing Sub-grade: At footing sub-grades, perform at least one compaction test of each soil stratum. Subsequent verification and approval of other footing sub-grades may be based on a visual comparison of each sub-grade with related tested strata when acceptable to the project's Geotechnical Engineer.

3. Paved and Building Slab Areas: At sub-grade and at each compacted fill and backfill layer, perform at least one field in-place density test for every 2,000 sq. yd. or less of paved area for building slab, but in no case fewer than three tests. Contractor will proof roll sub-grade with 50-ton pneumatic tired roller to detect soft spots at the direction of the State.

4. Foundation Wall Backfill: In each compacted backfill layer, perform at least one field in place density test for each 100 feet or less of wall length, but no fewer than two tests along a wall face.

5. Trench Backfill: In each compacted initial and final backfill layer, perform at least one field in-place density test for each 150 feet or less of trench, but no fewer than two tests.

END OF SECTION

SECTION 31 23 33

TRENCHING AND BACKFILLING

PART 1 - GENERAL

1.01 SUMMARY

A. The work encompassed by this Section shall consist of performing all operations and furnishing all labor, materials, tools, equipment, and incidentals as necessary to:

1. Trench for underground utilities including all stripping, excavation and trench shoring.

B. This specification provides the requirements and standards for bedding of pipes and conduits, and for trench backfill materials and construction procedures, including Contractor testing and inspection.

C. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 REFERENCES

A. Standard Test Methods:

1. The following standard test methods of the American Society for Testing and Materials (ASTM) form a part of this specification and are referred to herein by alphanumeric designation:

a. ASTM C136, Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.

b. ASTM D423, Method of Test for Liquid Limit of Soils.

c. ASTM D4318, Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

d. ASTM D1556, Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method.

e. ASTM D1557, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort.

f. ASTM D2419, Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate.

g. ASTM D2844, Standard Test Method for Resistance R-Value and Expansion Pressure of Compacted Soils.

h. ASTM D6938, Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth).

B. Substitute Test Method:

1. Where local practice prescribes revised test methods for the ASTM tests listed above, those tests may be substituted for the ASTM designated test method listed upon prior approval from State.

C. Material Sources:

1. New Sources – The Contractor shall provide all bedding and backfill materials from sources previously undeveloped, tested, and certified by an approved, independent materials testing laboratory, per these specifications.

2. Existing Sources – Bedding and backfill materials from sources previously developed may be accepted without testing and certification upon written request by the Contractor. The existing sources shall be validated by the geotechnical engineer and deemed appropriate. State reserves the right to determine the acceptability of all materials proposed for use.

D. Pipes and Trenches:

1. Trenches near foundations shall conform with CBC 1809A.14 Piped and Tranches.

1.03 ACTION SUBMITTALS

A. No action submittals are necessary.

1.04 INFORMATIONAL SUBMITTALS

A. Submit under provisions of Section 01 33 00 Submittal Procedures.

1. Backfill material specifications.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Sand:

1. Material shall be free of clay, organic matter or other objectionable material, and shall conform to the following standards:

a. Gradation per ASTM C136

Sieve Size	Percent by Weight Passing Sieve
3/8”	100

#4	90-100
#50	10-40
#100	3-15
#200	0-7

B. Type II Class B Aggregate Base, Roadbase

1. Type II shall be a crusher run, mineral aggregate free clay, organic matter, or other objectionable material, and shall conform to the following standards:

a. Gradation per ASTM C136

Sieve Size	Percent by Weight Passing Sieve
1”	100
3/4"	90-100
#4	35-65
#16	15-40
#200	2-10

b. Liquid Limit per ASTM D423

1) 35 maximum.

c. Plasticity Index per ASTM D4318

1) Maximum Allowable Plasticity Index (PI) shall be determined by the formula PI = 15 – (S x 100) where “S” is the percent by weight passing the #200 sieve.

d. Resistance R-Value per ASTM D2844

1) 70 minimum.

C. Class C Backfill, 3/4” minus crushed drain rock:

1. Class C backfill need not be washed but shall be free of any organic impurities, clay lumps, or unstable substances. The material shall be graded from 3/4” to 3/8” conforming to the following gradation:

a. Gradation per ASTM C136

Sieve Size	Percent by Weight Passing Sieve
1”	100
3/4”	90-100
3/8”	10-55
#4**	0-10

b. **5% of pan material will be allowed.

c. Liquid Limit per ASTM D423

1) 35 maximum.

d. Plasticity Index per ASTM D4318

1) Maximum Allowable Plasticity Index (PI) shall be determined by the formula: PI = 15 – (S x 100) where “S” is the percent by weight passing the #200 sieve.

e. Resistance R-Value per ASTM D2844

1) 70 minimum.

D. Native Backfill:

1. Native backfill shall be excavated native granular material free of clay, debris, organic matter, and rocks larger than 4” across their greatest dimension.

E. Substitute Material:

1. Substitute bedding and backfill materials may only be used if prior written approval is provided from the Geotechnical Engineer and the State. In requesting the use of a substitute material, the Contractor must submit adequate evidence that the materials have been successfully used in similar applications for other utilities or local governmental agencies.

F. Buried Warning Tape:

G. Polyethylene plastic warning tape manufactured specifically for warning and identification of buried utility lines. Color shall be:

a. Red: Electric

b. Yellow: Gas

c. Orange: Telephone and Other Communications

d. Blue: Water Systems

e. Green: Sewer Systems

H. Detection Wire:
1. Detection wire shall be insulated single strand, solid copper with a minimum of 12 AWG.

PART 3 - EXECUTION

3.01 EXCAVATIONS FOR UTILITY TRENCHES

A. Excavate trenches to indicated gradients, lines, depths and elevations.

B. Excavate trenches to uniform widths to provide the following clearance on each side of the pipe or conduit. Excavate trench walls vertically from trench bottom to 12 inches higher than top of pipe or conduit, unless otherwise indicated.

C. Trench Bottoms: Excavate and shape trench bottoms to provide uniform bearing and support of pipes and conduit. Shape sub-grade to provide continuous support for bells, joints and barrels of pipes and for joints, fittings and bodies of conduits. Remove projecting stones and sharp objects along trench sub-grade.

D. Where unidentified existing utilities are encountered, determine whether these are active or abandoned. Remove interfering portions of abandoned utilities and cap or plug open ends of pipe to remain. Damage to utilities or other improvements due to Contractor's negligence in regard to this paragraph shall be repaired at the Contractor's expense.

E. Contractor shall pothole at all identifiable crossings of existing utilities prior to any trenching operations and provide the State with a survey of the top elevations (and bottom elevations, if applicable), of possible interferences so that an evaluation of necessary adjustments to the current profile or alignment may be made. Additionally, the State shall be given the opportunity to view possible conflicts in the field prior to the Contractor providing revised designs.

3.02 TRENCH CONFIGURATION

A. Material Installation/Repair

B. Conduits, pipes, and all apparatus shall be handled, installed, and joined in accordance with the manufacturer's specifications or recommendations. The Contractor, at his/her own expense, shall repair or replace any conduits, pipes or appurtenances damaged during bedding and backfill operations.

C. Sand Bedding

1. Sand bedding material, conforming to Article 2.01A, shall be placed in 12" maximum loose lifts and compacted to 90% maximum density per ASTM D1557.

D. Backfill

1. Install warning tape directly above utilities, 12 inches below finished grade, except 6 inches below sub-grade under pavements and slabs.

2. Place and compact bedding course on trench bottoms and where indicated. Shape bedding course to provide continuous support for bells, joints, and barrels of pipes and for joints, fittings, and bodies of conduits.

3. Place and compact initial backfill of satisfactory soil (per Specification 31 20 00), free of particles larger than 1 inch in any dimension, to a height of 12 inches over the utility pipe or conduit.

4. Place and compact final backfill of satisfactory soil (per Specification 31 20 00) to final sub-grade elevation.

5. Place backfill on sub-grades free of mud, frost, snow or ice.

6. Public Rights-of-Way

    a. Trenches in established streets, highways, or private paved areas subject to vehicular traffic, shall be backfilled per the requirements of the local utility agency.

E. Compaction

1. All compaction shall be per Specification 31 20 00.

F. Trench Dewatering

1. Where groundwater is encountered, the Contractor shall dewater the trench sufficiently to meet the bedding and backfill requirements of Article 3.01, B and C.

2. Dewatering shall continue until backfill has progressed to a minimum of two feet above the groundwater level. State's inspector(s) may require drain rock (3/4" minus) in addition to the sand bedding depending on condition of trench bed.

G. Finish Operations

1. Fine Grading:

    a. After backfilling, all trenches except those in existing paved areas shall be graded flush with adjacent finish or subgrade elevations. In landscaped areas, coordinate with topsoil requirements.

2. Temporary Patching

    a. Unless otherwise specified, all pavement cuts shall be temporarily patched with asphaltic concrete to a minimum depth of 2", with the finish grade 1/2" above the grade of the existing asphalt.

3. Disposition of Excess Materials

    a. Surplus excavated soils, asphalt pavement, concrete and other debris shall be promptly removed from the jobsite and properly disposed of.

3.03 FIELD SAMPLING AND TESTING

A. Testing shall be per Specification 31 20 00.

END OF SECTION

SECTION 32 11 00

BASE COURSES

PART 1 - GENERAL

1.01 SUMMARY

A. The work encompassed by this section shall consist of performing all operations and furnishing all labor, material, tools, equipment, and incidentals as necessary to:

1. Place and compact base courses for concrete paving, sidewalks, and curbs;

2. Place and compact rock courses and sand beds under slabs on grade.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 REFERENCES

A. Section 26 of the Caltrans Standard Specifications.

B. Geotechnical Investigation: Project Geotechnical Investigation.

C. American Society of Testing and Materials (ASTM):

1. ASTM C117, Standard Test Method for Material Finer than 75 microns (No. 200) Sieve in Mineral Aggregates by Washing.

2. ASTM C136, Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.

3. ASTM D1556, Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method.

4. ASTM D1557, Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort.

5. ASTM D4318, Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

6. ASTM D6938, Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth).

1.03 ACTION SUBMITTALS

A. No action submittals are necessary.

1.04 INFORMATIONAL SUBMITTALS

A. Submit under provisions of Section 01 33 00 Submittal Procedures.

1. Material test data for aggregate base, rock course, and sand.

1.05 QUALITY CONTROL

A. Obtain materials from same source throughout.

B. Perform Sieve Analysis test in accordance with ASTM C117 and ASTM C136.

C. Determine Liquid Limit and Plasticity Index in accordance with ASTM D4318.

D. Moisture Density and optimum moisture content in accordance with ASTM D1557.

E. In place field density tests determined in accordance with ASTM D1556. ASTM D6938, nuclear gage, may be used along with ASTM D1556. The nuclear gage shall be calibrated with an ASTM D1556 test for every six nuclear gage tests.

1.06 ENVIRONMENTAL REQUIREMENTS

A. When unfavorable weather conditions necessitate interrupting placement operations, prepare areas by compaction of surface and grading to avoid collection of water. Provide adequate temporary drainage to prevent erosion. After interruption, re-establish compaction specified in last layer before resuming work.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Class 2 Aggregate Base: Aggregate for Class 2 aggregate base shall be free from organic matter and other deleterious substances and shall be of such nature that it can be compacted readily under watering and rolling to form a firm, stable base. Aggregate must consist of any combination of broken stone, crushed gravel, natural rough surfaced gravel, sand, and up to 100% of any combination of processed asphalt concrete, Portland cement concrete, lean concrete base, cement treated base.

B. Aggregate base shall conform to the grading and quality requirements shown in the following tables. Either the 1-1/2 inch maximum or 3/4 inch maximum shall be used; except that once a grading is selected the grading shall not be changed.

1. Aggregate Grading Requirements:

Sieve Sizes	Percentage Passing			
	1-1/2" Maximum		3/4" Maximum	
	Range	Compliance	Range	Compliance
2"	100	100	--	--
1-1/2"	90-100	87-100	--	--
1"	--	--	100	100
¾"	50-85	45-90	90-100	87-100
No. 4	25-45	20-50	35-60	30-65
No. 30	10-25	6-29	10-30	5-35
No. 200	2-9	0-12	2-9	0-12

2. Quality Requirements:

Tests	Operating Range	Contract Compliance
Resistance (R-Value)	--	78 min
Sand Equivalent	25 min	22 min
Durability Index	--	35 min

C. The aggregate shall not be treated with lime, cement or other chemical material before the Durability Index test is performed. Untreated reclaimed asphalt concrete and Portland cement concrete will not be considered to be treated with lime, cement or other chemical material for purposes of performing the Durability Index test.

D. Rock Course under Building Slab:

1. Clean mineral aggregate (broken stone, crushed gravel, clean quarry waste, or combination thereof).

2. Free of adobe, organic matter, loam, volcanic tuff, or other deleterious material.

3. Absorption of water in saturated surface dry condition shall not exceed 3% of oven dry weight of sample.

4. Graded (Laboratory sieves, U.S. Series) to following: 100% passing 1inch sieve and 0 to 10% passing No. 4 sieve.

5. Class 2 aggregate base is acceptable, however reclaimed aggregate shall not be used.

E. Sand: Clean dry concrete sand of no special grading or compaction.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Prior to placing Aggregate Base on subgrade for drives and parking lots, the stability of the subgrade shall be checked by proof rolling with a roller or loaded water truck. Areas which are not stable shall be allowed to air dry until stable or shall be over excavated and backfilled with Aggregate Sub-base.

3.02 AGGREGATE BASE

A. All work shall be performed in compliance with Section 26 of the Caltrans California Department of Transportation Standard Specifications.

B. The subgrade to receive aggregate base, immediately prior to spreading shall conform to the compaction and elevation tolerance specified for the material involved and shall be free of loose or extraneous material.

C. At the time aggregate base is spread it shall have a moisture content sufficient to obtain the required compaction. The moisture shall be uniformly distributed throughout the material.

D. The aggregate base shall be spread and compacted as specified herein.

E. Compact upper 12 inches of subgrade to 95% relative compaction, moisture conditioned to at least optimum. Compact base course to a minimum of 95% compaction with densities in accordance with ASTM D1557. Compacted layers shall be no greater than 6 inches per lift nor less than 3 inches per lift.

F. Measure thickness of base course material once per every 2,000 square feet. All measurements shall be within 1/2 inch of the specified thickness; where measurements exceed ½ inch of specified thickness the section shall be considered as conforming.

END OF SECTION

SECTION 32 13 00
RIGID PAVING

PART 1 - GENERAL

1.01 SUMMARY

A. The work encompassed by this section shall consist of performing all operations and furnishing all labor, material, tools, equipment, and incidentals as necessary to provide and install the concrete for site paving (does not include building slabs) and sidewalks. Work included shall consist of, but not be limited to:

1. Design concrete mix to meet specifications.

2. Place forms and reinforcement including any embedded materials, and dowels.

3. Form, reinforce, pump, place and finish cast-in-place concrete for paving, sidewalks, and equipment pads to the lines and grades shown on the plans.

4. Place cast in place detectable warning surface as shown on the plans.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 REFERENCES

A. American Society of Testing and Materials (ASTM):

1. ASTM A36, Standard Specification for Carbon Structural Steel.

2. ASTM A307, Standard Specification for Carbon steel Bolts, Studs, and Threaded Rod 60,000 psi Tensile Strength.

3. ASTM C33, Specifications for Concrete Aggregates.

4. ASTM C150, Standard Specification for Portland Cement.

5. ASTM A615, Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement.

6. ASTM A706, Standard Specifications for Deformed and Plain Low-Alloy Steel Bars for Concrete Reinforcement.

7. ASTM C39, Standard Test Method for Compressive Strength of Cylindrical Concrete Specimen.

8. ASTM C42, Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete.

9. ASTM C143, Standard Test Method for Slump of Hydraulic-Cement Concrete.

10. ASTM C171, Standard Specification for Sheet Materials for Curing Concrete.

11. ASTM C309, Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete.

12. ASTM C494, Standard Specification for Chemical Admixtures for Concrete.

13. ASTM D1751, Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Non-extruding and Resilient Bituminous Types).

14. ASTM D1752, Standard Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction.

B. Section 40 of the current California Department of Transportation Standard Specifications (Caltrans Standard Specifications).

C. Section 73 of the current Caltrans Standard Specifications.

D. American Concrete Institute, (ACI).

1. ACI 302, Guide for Concrete Floor and Slab Construction.

2. ACI 318, Building Code Requirements for Structural Concrete and Commentary.

E. Concrete Reinforcing Steel Institute, (CRSI).

1. Manual of Standard Practice.

F. California Code of Regulations, Title 24.

G. Americans with Disabilities Act (ADA), Title III Regulations, 28 CFR Part 36 ADA Standards for Accessible Design.

1.03 ACTION SUBMITTALS

A. No action submittals are necessary.

1.04 INFORMATIONAL SUBMITTALS

A. Submit under provisions of Section 01 33 00 Submittal Procedures.

1. Proposed mix design for each class of concrete.

2. Product data on admixtures and curing compounds.

3. Product data for cast in place detectable warning surface tiles.

4. Verification of experience with placement of high volume fly ash concrete mix designs.

1.05 ENVIRONMENTAL REQUIREMENTS

A. Do not place concrete when base surface temperature is less than 40 degrees F or surface is wet or frozen.

PART 2 - PRODUCTS

2.01 FORM MATERIALS

A. Forms for Exposed Finish Concrete: Plywood, metal, metal framed plywood faced, or other acceptable panel type materials to provide continuous, straight, smooth, exposed surfaces. Furnish in largest practicable sizes to minimize number of joints and to conform to joint system shown on drawings.

B. Forms for Unexposed Finish Concrete: Plywood, lumber, metal, or another acceptable material. Provide lumber dressed on at least two edges and one side for tight fit.

C. Form Release Agent: Provide commercial formulation form release agent with a maximum of 350 mg/l volatile organic compounds (VOC's) that will not bond with, stain, or adversely affect concrete surfaces and will not impair subsequent treatments of concrete surfaces.

D. Form Ties: Factory fabricated, adjustable length, removable or snap off metal form ties designed to prevent form deflection and to prevent spilling of concrete upon removal. Provide units that will leave no metal closer than 1 1/2 inches to the plane of the exposed concrete surface. Provide ties that, when removed, will leave holes not larger than 1 inch in diameter in the concrete surface.

2.02 REINFORCING MATERIALS

A. Reinforcing Bars: Except as otherwise noted, use ASTM A615, Grade 60, deformed for reinforcing bars #4 and larger, and ASTM A615, Grade 40 or 60 for #3 bars. As an option, ASTM A706 may be used for any or all reinforcing steel bars.

B. Supports for Reinforcement: Bolsters, chairs, spacers, and other devices for spacing, supporting, and fastening reinforcing bars and welded wire fabric in place. Use wire bar type supports complying with CRSI specifications. For slabs on grade, use supports with sand plates or horizontal runners where base material will not support chair legs.

2.03 CONCRETE INGREDIENTS

A. Portland Cement: ASTM C 150, gray Portland Cement Type V. Fly ash: ASTM C618, Type F or N. The concrete shall have proportions by weight of concrete of 15% to 20% fly ash or 50% to 70% of granulated blast furnace slag with a water cement ratio of

roughly 0.40. The required strength shall be 4,000 psi at 28 days or as otherwise specified. Air content shall be minimum 6% and maximum 8%

B. Coarse aggregate shall conform to ASTM C33, modified as follows: A clean, hard, fine grained, sound crushed rock, or washed gravel, or a combination of both, free from oil, organic matter or other deleterious substances, and which does not contain more than 2% by weight of shale or cherty material. The gradation shall be determined by the supplier in order to meet the requirements of the Specification. All aggregates shall be thoroughly washed. Maximum aggregate size of 1".

C. Fine aggregate shall conform to ASTM C33, modified as follows: A washed natural sand having hard, strong, and durable particles and which does not contain more than 2% by weight of such deleterious substances as clay lumps, shale, schist, alkali, mica, coated grains, or soft flaky particles.

D. A chemical water reducing admixture may be used. Chemical water reducing admixture, if used, shall conform to ASTM A494. No admixture containing calcium chloride shall be used.

E. Water used in the production of concrete shall not contain an amount of impurities that will cause a change in the setting time of Portland Cement or a reduction in the compressive strength. The maximum water cement ratio shall be 50% for all mixes.

2.04 CONCRETE MATERIALS

A. Concrete shall meet ASTM C94, and have a 28 day minimum compressive strength of 4,000 psi at 28 days or as otherwise specified. Maximum slump shall be 4" unless otherwise noted.

B. Finish at general walkways to be broom finish.

C. Prepare design mixes for each type and strength of concrete by either laboratory trial batch or field experience methods as specified in ACI 301. Comply with ACI 304, *Guide for Measuring, Mixing, Transporting, and Placing Concrete,* and as otherwise may be specified.

D. Admixtures for water reducing and set control, if used, shall be used in strict compliance with the manufacturer's directions.

2.05 RELATED ITEMS

A. Epoxy for securing dowels or anchors into cured concrete shall be appropriate for materials being secured as determined by a qualified Engineer.

B. Anchor Bolts shall conform to ASTM A307.

C. Crack control joint filler material shall be a flexible elastomeric sealant conforming to ASTM D1751 or D1752. Filler shall extend full depth of the joint.

D. Expansion joint material shall be pre-molded joint material conforming to the requirements of ASTM D1751.

E. Detectable warnings shall be Vitrified Polymer Composite cast in place tile consisting of raised truncated domes as specified in CBC Chapter 11B-705. Tiles shall be an epoxy polymer composition with an ultra violet stabilized coating employing aluminum oxide particles in the truncated domes. All detectable warning material should have UL certification (Underwriters Laboratories, Inc.). Color shall be Safety Yellow (Federal Color #33538). Color shall be homogeneous throughout the tile. Tiles shall be guaranteed in writing for a period of five (5) years from date of beneficial occupancy. The guarantee includes defective work, breakage, deformation, fading, and loosening of tiles.

2.06 CURING MATERIALS

A. Moisture Retaining Cover: One of the following, complying with ASTM C171.

1. Waterproof paper.

2. Polyethylene film.

3. Polyethylene coated burlap.

4. Spray applied curing compound complying with ASTM C309.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify compacted subgrade and/or granular base is acceptable and ready to support paving and imposed loads.

B. Verify gradients and elevations of base are correct.

3.02 PREPARATION

A. Moisten base to minimize absorption of water form fresh concrete.

B. Coat surface of manhole and drainage inlet frames with bond breaker to prevent bonding with concrete pavement.

3.03 FORMING

A. Place and secure forms to correct location, dimension, profile, and gradient.

B. Assemble forms to permit easy stripping and dismantling without damaging concrete.

C. Place joint filler vertical in position and in straight lines. Secure to form work during concrete placement.

3.04 REINFORCEMENT

A. Reinforcing steel shall be free of rust, dirt or any coating that will reduce its bond strength.

B. Install reinforcing steel in conformance with CRSI “Manual of Standard Practice”. Securely support and anchor reinforcing steel to avoid movement during placement of concrete.

C. Continuous reinforcing bars shall be lapped 32 bar diameters at splices. Bars shall be continuous around corners or lap spliced as specified.

D. Unless otherwise noted, reinforcing steel shall be placed with the following clearances:

1. Cast against the earth: 3”

2. Cast against forms, backfilled with earth: 2”

3. Cast against forms, not backfilled with earth: 1.5”

4. In slabs: at mid depth or per plans

E. Bars shall not be bent or straightened in a manner that will injure the material. Bars with kinks or improper bends shall not be used. Hooks and bends shall conform to the provisions of the ACI Building Code Requirements for Reinforced Concrete.

F. Accurately position, support, and secure reinforcement against displacement. Locate and support reinforcing by metal chairs, runners, bolsters, spacers, and hangers.

G. Set wire ties so ends are directed into concrete, not toward exposed concrete surfaces.

3.05 EPOXY SECURED DOWELS

A. Where rebar dowels or threaded anchors are required to be secured into existing concrete, the following procedure shall be followed:

1. Drill hole to the diameter and depth indicated. If not indicated, the diameter shall be 1/8” larger than the diameter of the dowel or anchor. The depth, if not specified, shall be ten times the diameter of the anchor.

2. Thoroughly clean the hole by blowing it out with compressed air and by using a wire brush.

3. Place the epoxy in the hole using a dispensing tool provided by, or recommended by the manufacturer. Thoroughly fill the hole with epoxy.

4. Place the dowel or anchor in the hole and allow the epoxy to completely cure before disturbing the dowel or anchor.

3.06 CONSTRUCTION JOINTS

A. Construction joints, (or cold joints), shall be firm and clean. Existing concrete surfaces shall be thoroughly cleaned and roughened prior to placement of fresh concrete.

3.07 CONCRETE PLACEMENT

A. Moisten earth and forms prior to placing concrete.

B. Take care not to damage or displace reinforcing steel or embedded items.

C. For concrete slabs, deposit and consolidate in a continuous operation, within limits of construction joints, until completing placement of a panel or section. Consolidate concrete during placement operations so that concrete is thoroughly worked around reinforcement, other embedded items and into corners. Bring slab surfaces to correct level with a straightedge and strike off. Maintain reinforcing in proper position on chairs during concrete placement.

3.08 COLD WEATHER PLACEMENT

A. Comply with provisions of ACI 306 and as follows. Protect concrete work from physical damage or reduced strength that could be caused by frost, freezing actions, or low temperatures. Do not place concrete when temperature is at or below 40 degrees F.

3.09 HOT WEATHER PLACEMENT

A. When hot weather conditions exist that would impair quality and strength of concrete, place concrete complying with ACI 305 and as specified. Use water reducing retarding admixture when required by high temperatures, low humidity, or other adverse placing conditions.

3.10 JOINTS AND JOINT SEALING

A. Separate pavement from vertical surfaces such as building foundations and retaining walls with joint filler.

B. Place joint filler in pavement pattern placement sequence. Set top to required elevations. Secure to resist movement by wet concrete.

C. Extend joint filler from bottom of pavement to within 1/2" of finished surface.

D. Align curb and sidewalk joints.

3.11 SIDEWALK JOINTS

A. Expansion joints shall be constructed at all returns and opposite expansion joints in adjacent curb. Where curb is not adjacent, expansion joints shall be constructed at intervals of 60 feet. Expansion joints shall be filled with 1/4 inch thick pre-molded joint filler. Expansion joint filler shall be shaped to fit the concrete that is being placed. The pre-molded joint filler in fixed form construction shall be placed in correct position before concrete is placed against the filler.

B. Weakened plane joints shall be placed as shown on the plans or at regular intervals not exceeding five feet.

3.12 FINISHING AND TOLERANCES

A. Exterior concrete paving:

1. The finished surfaces of the pavements shall have no abrupt change of 1/8 inch or more, and all pavements shall be within the tolerances specified when checked with a 12 foot straightedge: ¼ inch for both directions.

2. Non-slip, heavy broom finish.

B. Sidewalks: Non-slip, broom finish.

C. Surface Smoothness Testing Method:

1. The surface of the pavement shall be tested with the straightedge to identify all surface irregularities exceeding the tolerances specified above. The entire area of the pavement shall be tested in both a longitudinal and a transverse direction on parallel lines approximately 15 feet apart.

2. The straightedge shall be held in contact with the surface and moved ahead one-half the length of the straightedge for each successive measurement.

3. The amount of surface irregularity shall be determined by placing the straightedge on the pavement surface and allowing it to rest upon the two highest spots covered by its length and measuring the maximum gap between the straight edge and the pavement surface, in the area between these two high points. The surfaces shall vary not more than 0.06 foot above or below the plan grade line or elevation indicated.

3.13 DETECTABLE WARNING SURFACES

A. Cast in place detectable warning surface tile installation procedures shall be in accordance with the manufacturer’s recommendations and in accordance with applicable industry and government standards.

B. Protect tiles against damage during construction period by covering with plywood or hardwood. Clean tiles by method specified by manufacture.

3.14 CURING

A. In general, protect freshly placed concrete from premature drying and excessive cold or hot temperatures. In hot, dry, and windy weather, protect concrete from rapid moisture loss before and during finishing operations with an evaporation control material.

B. Start initial curing as soon as free water has disappeared from concrete surface after placing and finishing. Weather permitting, keep continuously moist for not less than 7 days.

3.15 PROTECTION OF COMPLETED PAVING

A. Protect completed concrete work from damage or staining by subsequent construction activity.

1. Keep foot traffic off for one day.

2. Keep lightweight, rubber tired vehicles off for 7 days.

3. Leave curing covers in place a minimum of 7 days.

4. Where heavy traffic is necessitated, protect surface with sheet of plywood.

5. Loads shall not be placed on anchor bolts for a minimum of 7 days or until concrete has reached a compressive strength of 1,500 psi, whichever comes first.

3.16 CRACK CONTROL JOINTS

A. Concrete paving crack control joints shall be installed in locations and manner as shown in the plans. If joints are not shown, use a joint spacing of roughly 24 times the slab thickness. Joints may be done with a tool, with a saw or by using “zip-strips”.

B. If saw cutting is used, it shall be done as soon as possible to avoid random cracking of the slab.

C. Interior crack control joints shall be filled with joint filler and screeded off smooth.

3.17 FORMWORK REMOVAL

A. Formwork not supporting weight of concrete, such as sides of beams, walls, columns, and similar parts of the work, may be removed after cumulatively curing at not less than 50 degrees F for 24 hours after placing concrete, provided concrete is sufficiently hard to not be damaged by form removal operations, and provided curing and protection operations are maintained.

B. Forms may be reused, however, surfaces shall be cleaned and repaired if necessary.

C. Split, frayed, delaminated, or otherwise damaged form facing material will not be acceptable for exposed surfaces.

D. Apply new form coating compound as specified for new formwork.

E. When forms are extended for successive concrete placement, thoroughly clean surfaces, remove fins and laitance, and tighten forms to close joints.

F. Align and secure joint to avoid offsets.

3.18 REPAIR AND PATCHWORK

A. Defective concrete shall be repaired and patched, or replaced as required to attain a workmanship standard consistent with industry standards and ACI requirements. In addition:

1. Fill in holes and openings left in concrete structures for passage of work by other trades, unless otherwise shown or directed, after work of other trades is in place. Mix, place, and cure concrete as specified to blend with in place construction. Provide other miscellaneous concrete filling shown or required to complete work.

2. Cut out honeycombs, rock pockets, voids over 1/4 inch in any dimension, and holes left by tie rods and bolts down to solid concrete, but in no case to a depth less than 1 inch. Make edges of cuts perpendicular to the concrete surface. Thoroughly clean, dampen with water, and brush coat the area to be patched with bonding agent. Place patching mortar before bonding agent has dried.

3. For repairing formed surfaces, remove and replace concrete having defective surfaces if defects cannot be repaired. Surface defects include color and texture irregularities, cracks, spalls, air bubbles, honeycomb, rock pockets, fins and other projections on the surface, and stains and other discolorations that cannot be removed by cleaning. Repair concealed formed surfaces, where possible, containing defects that affect the concrete's durability. If defects cannot be repaired, remove and replace the concrete.

4. For repairing unformed surfaces, test unformed surfaces, such as monolithic slabs, for smoothness and verify surface tolerances specified for each surface and finish. Correct low and high areas as specified.

5. Correct low areas in unformed surfaces during or immediately after completing surface finishing operations by cutting out low areas and replacing with an approved patching mortar. Finish repaired areas to blend into adjacent concrete.

END OF SECTION

SECTION 32 13 73

CONCRETE PAVING JOINT SEALANTS

PART 1 - GENERAL

1.01 SUMMARY

A. This Section includes the following:

1. Expansion and contraction joints within Portland cement concrete pavement.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 ACTION SUBMITTALS

A. No action submittals are necessary.

1.03 INFORMATIONAL SUBMITTALS

A. Product Data: For each joint-sealant product indicated.

B. Product Certificates: Signed by manufacturers of joint sealants certifying that products furnished comply with requirements and are suitable for the use indicated.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to Project site in original unopened containers or bundles with labels indicating manufacturer, product name and designation, color, expiration date, pot life, curing time, and mixing instructions for multicomponent materials.

B. Store and handle materials to comply with manufacturer's written instructions to prevent their deterioration or damage due to moisture, high or low temperatures, contaminants, or other causes.

1.05 PROJECT CONDITIONS

A. Environmental Limitations: Do not proceed with installation of joint sealants under the following conditions:

1. When ambient and substrate temperature conditions are outside limits permitted by joint sealant manufacturer.

2. When joint substrates are wet.

B. Joint-Width Conditions: Do not proceed with installation of joint sealants where joint widths are less than that allowed by joint sealant manufacturer for application indicated.

C. Joint-Substrate Conditions: Do not proceed with installation of joint sealants until contaminants capable of interfering with their adhesion are removed from joint substrates.

PART 2 - PRODUCTS

2.01 MATERIALS, GENERAL

A. Compatibility: Provide joint sealants, backing materials, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by joint sealant manufacturer based on testing and field experience.

2.02 COLD-APPLIED JOINT SEALANTS

A. Multicomponent Sealant for Concrete: Pourable, chemically curing elastomeric formulation complying with the following requirements for formulation and with ASTM C 920 for type, grade, class, and uses indicated:

1. Coal-Tar-Modified Polymer Formulation: Type M; Grade P; Class 25; Uses T and, as applicable to joint substrates indicated, O.

B. Single-Component Urethane Sealant for Concrete: Single-component, pourable, coal-tar-modified, urethane formulation complying with ASTM C 920 for Type S; Grade P; Class 25; Uses T, M, and, as applicable to joint substrates indicated, O.

C. Products: Subject to compliance with requirements, provide one of the following:

1. Multicomponent Fuel-Resistant Sealant for Concrete:

   a. Vulkem 445SSL; Tremco Inc.

   b. Urexpan NR-300; Pecora Corporation.

   c. Or equal.

2. Single-Component Fuel-Resistant Urethane Sealant for Concrete:

   a. Vulkem 45SSL; Tremco Inc

   b. Sonomeric 1; Sonneborn Building Products Div., ChemRex, Inc.

   c. Or equal.

2.03 JOINT-SEALANT BACKER MATERIALS

A. General: Provide joint-sealant backer materials that are nonstaining; are compatible with joint substrates, sealants, primers, and other joint fillers; and are approved for applications indicated by joint sealant manufacturer based on field experience and laboratory testing.

B. Backer Strips for Cold- and Hot-Applied Sealants: ASTM D 5249; Type 2; of thickness and width required to control sealant depths, prevent bottom-side adhesion of sealant, and fill remainder of joint opening under sealant.

C. Round Backer Rods for Cold-Applied Sealants: ASTM D 5249, Type 3, of diameter and density required to control sealant depths and prevent bottom-side adhesion of sealant.

2.04 PRIMERS

A. Primers: Product recommended by joint sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint- sealant-substrate tests and field tests.

PART 3 - EXECUTION

3.01 PREPARATION

A. Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants to comply with joint sealant manufacturer's written instructions.

B. Joint Priming: Prime joint substrates where indicated or where recommended in writing by joint sealant manufacturer. Apply primer to comply with joint sealant manufacturer's written instructions. Confine primers to areas of joint-sealant bond; do not allow spillage or migration onto adjoining surfaces.

3.02 INSTALLATION OF JOINT SEALANTS

A. General: Comply with joint sealant manufacturer's written installation instructions applicable to products and applications indicated, unless more stringent requirements apply.

B. Sealant Installation Standard: Comply with recommendations of ASTM C 1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.

C. Install backer materials of type indicated to support sealants during application and at position required to produce cross-sectional shapes and depths of installed sealants relative to joint widths that allow optimum sealant movement capability.

1. Do not leave gaps between ends of backer materials.

2. Do not stretch, twist, puncture, or tear backer materials.

3. Remove absorbent backer materials that have become wet before sealant application and replace them with dry materials.

D. Install sealants by proven techniques to comply with the following and at the same time backings are installed:

1. Place sealants so they directly contact and fully wet joint substrates.

2. Completely fill recesses provided for each joint configuration.

3. Produce uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability.

E. Tooling of Non-sag Sealants: Immediately after sealant application and before skinning or curing begins, tool sealants according to requirements specified below to form smooth, uniform beads of configuration indicated; to eliminate air pockets; and to ensure contact and adhesion of sealant with sides of joint.

1. Remove excess sealants from surfaces adjacent to joint.

2. Use tooling agents that are approved in writing by joint sealant manufacturer and that do not discolor sealants or adjacent surfaces.

F. Provide joint configuration to comply with joint sealant manufacturer's written instructions, unless otherwise indicated.

G. Provide recessed joint configuration for sealants of recess depth and at locations indicated.

3.03 CLEANING

A. Clean off excess sealants or sealant smears adjacent to joints as the Work progresses by methods and with cleaning materials approved by manufacturers of joint sealants and of products in which joints occur.

3.04 PROTECTION

A. Protect joint sealants during and after curing period from contact with contaminating substances and from damage resulting from construction operations or other causes so sealants are without deterioration or damage at time of Project Acceptance. If damage or deterioration occurs, cut out and remove damaged or deteriorated joint sealants immediately so installations with repaired areas are indistinguishable from the original work.

END OF SECTION

SECTION 32 17 00
PAVING SPECIALTIES

PART 1 - GENERAL

1.1 SUMMARY

A. The work encompassed by this section shall consist of performing all operations and furnishing all labor, material, tools, equipment, and incidentals as necessary to place traffic stripes, pavement markings, directional and informational pavement graphics, and signs.

B. The work encompassed in by this section shall consist of performing all operations and furnishing all labor, materials, tools, equipment, and incidentals as necessary to install the precast concrete or rubber parking bumpers and anchorage.

C. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.2 REFERENCES

A. Section 56, 57, and 84 of the current California Department of Transportation Standard Specifications and Standard Plans.

B. California Code of Regulations, Title 24, Part 2, Disabled Accessibility Regulations.

C. American Society of Testing and Materials (ASTM):

1. ASTM A36, Standard Specification for Carbon Structural Steel

2. ASTM A53, Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless

3. ASTM C33, Standard Specifications for Concrete Aggregates.

4. ASTM C150, Standard Specification for Portland Cement.

5. ASTM A615, Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement.

1.3 ACTION SUBMITTALS

A. No action submittals are necessary.

1.4 INFORMATIONAL SUBMITTALS

A. No informational submittals are necessary.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Traffic Stripes and Pavement Markings: Traffic stripes and pavement markings shall be in accordance with the provisions of Section 84, “Markings,” of the Caltrans Standard Specifications, the California Manual on Uniform Traffic Control Devices (MUTCD), and the State of California Standard Plans. All pavement markings, including stop limit lines and all channelizing lines shall be thermoplastic. All other stripes, including parking stall lines, and ISA marking for accessible parking space shall be painted.

1. Thermoplastic Traffic Stripes and Pavement Markings: Thermoplastic traffic stripes and pavement markings shall conform to the provisions of Section 84-2, “Traffic Stripes and Pavement Markings,” of the Caltrans Standard Specifications.

2. Thermoplastic Material: Thermoplastic material shall conform to either Caltrans Standard Specification PTH-02ALKYD, PTH-02SPRAY or PTH-02HYDRO. Glass beads to be applied to the surface of molten thermoplastic material shall conform to the requirements of State Specification 8010-004.

3. Painted Traffic Stripes and Pavement Markings: Painting traffic stripes and pavement markings shall conform to the provisions of Section 84-2.03C(3), “Painted Traffic Stripes and Pavement Markings,” of the Caltrans Standard Specifications.

B. Signs for accessible parking as shown on the Plans shall be in conformance with Caltrans Standard Plan Detail A90A

C. Sign Posts: Sign panels for accessible parking shall be mounted on metal posts. Metal posts shall be 2-inch Schedule 40 galvanized steel pipe conforming to ASTM A53 with galvanized top caps. At the option of the Contractor, posts may be fabricated from structural steel conforming to the specifications of ASTM A36.

D. All roadside directional and information signs shall be reflective aluminum, minimum 0.08 inches thick.

E. All roadside directional and information signs shall be mounted on wood posts. The grades and species allowed for wood posts (4 inch by 4 inch nominal size) are select heart redwood; No. 1 heart structural redwood; No. 2 heart structural redwood; No. 1 structural light framing Douglas fir, free of heart center; No. 1 structural light framing Hem-Fir, free of heart center; and No. 1 structural light framing Southern yellow pine, free of heart center. Douglas fir and Hem-Fir posts shall be treated with either ammoniacal copper arsenate, ammoniacal copper zinc arsenate, copper naphthenate or pentachlorophenol in hydrocarbon solvent in conformance with the provisions in Section 57, “Wood and Plastic Lumber Structures”, of the Caltrans Standard Specifications. Posts shall be incised and the minimum retention of preservative shall be as specified in AWPA Standards.

2.2 PARKING BUMPERS

A. Concrete Parking Bumpers: Precast, steel-reinforced, air-entrained concrete, 4,000-psi minimum compressive strength, manufacturer's standard height and width by maximum 72 inches long. Provide chamfered corners, transverse drainage slots on underside, and a minimum of two factory-formed or -drilled vertical holes through parking bumper for anchoring to substrate.

1. Cement: ASTM C150, Portland Type I or II.

2. Concrete Materials: ASTM C33; water and sand.

3. Reinforcing Steel: ASTM A615, deformed steel bars; unfinished, strength and size commensurate with precast unit design.

4. Surface Appearance: Free of pockets, sand streaks, honeycombs, and other obvious defects. Corners shall be uniform, straight, and sharp. Minor patching in plant is acceptable, providing appearance of units is not impaired

5. Mounting Hardware: Galvanized-steel hardware as standard with parking bumper manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine surfaces to receive striping and markings and verify that surface is ready for striping. Do not proceed until all discrepancies have been resolved.

3.2 APPLICATION OF STRIPING

A. Lay out striping, markings and graphics.

B. Thermoplastic material used for stencils and legends shall be applied at a minimum thickness of 0.125 inch. Thermoplastic material used on stripes shall be applied at a minimum of 0.060 inch.

3.3 SIGN INSTALLATION

A. Each accessible parking sign panel shall be attached to metal posts with a minimum of two 5/16 inch self-tapping screws or bolts. All fasteners and attachment hardware shall be galvanized.

B. All roadside directional and information signs shall be installed in accordance with provisions of Section 56, of the Caltrans Standard Specifications.

3.4 BUMPER INSTALLATION

A. Install parking bumpers according to manufacturer’s written instructions unless otherwise indicated.

B. Install parking bumpers in bed of adhesive, as recommended by manufacturer before anchoring.

C. Securely anchor bumpers to pavement with hardware in each preformed vertical hole in bumper as recommended in writing by manufacturer. Recess head of hardware beneath top of parking bumper.

3.5 PROTECTION

A. Provide traffic cones, barricades, and other devices needed to protect the thermoplastic and paint until it is sufficiently dry to withstand traffic.

END OF SECTION

SECTION 33 10 00

WATER UTILITIES

PART 1 - GENERAL

1.01 GENERAL

A. The work encompassed by this section shall consist of performing all operations and furnishing all labor, materials, tools, equipment, and incidentals as necessary for the following:

1. Underground water distribution system complete, ready for operation, including all appurtenant structures, and connections to both new building service lines and to existing water supply, servicing the domestic and fire service water system piping.

2. Valves and other water system appurtenances.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 QUALITY ASSURANCE

A. Comply with the rules and regulations of the Public Utility having jurisdiction over the connection to Public Water lines and the extension, and/or modifications to Public Utility systems.

B. Comply with all rules and regulations of Federal, State, and Local jurisdiction over the design, construction, and operation of potable water systems.

C. Water mains, services, and appurtenances shall be subject to hydrostatic and leakage tests and shall be disinfected prior to connection to existing systems.

D. The maximum allowable deflection (out of roundness) of PVC pipe under superimposed loads shall be 5%, or 75% of the manufacturers recommended maximum, whichever is smaller.

E. All material surfaces in contact with potable water shall comply with NSF 61.

1.03 REFERENCES

A. American Society for Testing and Materials (ASTM):

1. ASTM D3139-98, Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals.

2. ASTM D2737, Standard Specification for Polyethylene (PE) Plastic Tubing.

3. ASTM F477, Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe.

B. American Water Works Association (AWWA):

1. AWWA C151, Ductile-Iron Pipe, Centrifugally Cast.

2. AWWA C153, Ductile-Iron Compact Fittings.

3. AWWA C104, Cement-Mortar Lining for Ductile-Iron Pipe and Fittings

4. AWWA C111, Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings.

5. AWWA C900, Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 in. through 12 in., for Transmission and Water Distribution

6. AWWA C110-98, American National Standard for Ductile-Iron and Gray-Iron Fittings, 3 in. through 48 in., for Water.

7. AWWA C800, Underground Service Line Valves and Fittings (Includes Collected Standards for Service Line Materials)

8. AWWA C509, Resilient-Seated Gate Valves for Water-Supply Service (Includes addendum C509a-95).

9. AWWA C651, Disinfecting Water Mains.

C. National Fire Protection Association (NFPA):

1. NFPA 24, Standard for the Installation of Private Fire Service Mains and Their Appurtenances

1.04 ACTION SUBMITTALS

A. No action submittals are necessary.

1.05 INFORMATIONAL SUBMITTALS

A. Submit under provisions of Section 01 33 00.

1. Product data for pipe, valves, and appurtenances.

2. Field quality control reports.

PART 2 - PRODUCTS

2.01 WATER PIPE

A. Ductile Iron Pipe: Ductile iron pipe shall be cement lined, new pipe in accordance with ANSI Specification A21.51 (ANSI/AWWA C151/A21.51-17) for thickness Class 50 pipe. The pipe shall be furnished with either bell and spigot end, “Tyton Joints” or mechanical joints. Flanged joints shall be used for any aboveground piping.

   1. Pipe Encasement, when required by soils report and specified on plans: Polyethylene encasement, ANSI A21.5.

   2. Cement Lining: Type V cement mortar lining, sulfate and acid resistant, AWWA C-104.

   3. Flanged Joints: ANSI B16.1, 125 flat faced.

   4. Fittings: ANSI/AWWA C110/C153.

   5. Pipe Coating: Asphaltic coating, AWWA C110.

B. PVC Pipe: Fire Service shall be PVC pipe (new pipe), minimum Class 150 for building fire service main, conforming to the requirements of AWWA C900 “Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 in. through 12 in., for Transmission and Water Distribution”. Pipe shall be furnished with either bell end or couplings designed to affect an elastomeric pressure seal.

   1. Fittings: Ductile iron castings conforming to the applicable requirements of AWWA C153 for 150 psi working pressure.

   2. Rubber rings, fittings, and appurtenances per ASTM F477.

   3. Joints: ASTM C111 rubber gasketed.

   4. Trace Wire: Number 12 insulated copper wire.

2.02 WATER SERVICES

A. Polyethylene Plastic Pipe: Class 160, conforming to the requirements of ASTM D2737.

B. PVC Pipe: Schedule 40 conforming to ASTM D1785 for rigid PVC compounds. It shall bear the NSF seal of approval and shall conform to the requirements of commercial standard 256 and ASTM D2241.

C. Copper Pipe: All copper tubing water service shall conform with the latest AWWA Standards as described in ANSI/AWWA C800 of the latest revision, and with ASTM B88, and shall be Type L soft temper tubing for 3/4” and 1” tubing and Type K hard temper for 2” tubing.

2.03 VALVES

A. Gate Valve Up to 3 Inches: Brass or Bronze body, non-rising stem, inside screw, single wedge or disc, IPS ends, with extension box and valve key.

B. Gate Valves - 3 Inches and Over: AWWA C509, for resilient-seated valves. Iron body, bronze trim, non-rising stem with square nut, single wedge, flanged ends, extension box and valve key. Square wrench nut shall be brass and all other nuts, bolts, and washers throughout the valve and valve body shall be stainless steel, ASTM A276, Type 316. The working pressure rating of the gate valves shall meet or exceed the pressure rating of the pipe specified.

C. Ball Valves Up to 2 Inches: Brass body, Teflon coated brass ball, rubber seats and stem seals, tee stem pre-drilled for control rod, IPS inlet end, IPS outlet with extension box and valve key.

D. Butterfly Valves: Butterfly valves shall be flanged or mechanical joint type only and shall conform to AWWA Standard C504 of latest revision and shall be of the rubber seat type. Valve discs shall rotate 90 degrees from the full open position to the tight shut position. The valve seat shall provide a tight shutoff at a pressure differential of 150 psi upstream and 0 psi downstream in either direction. The valve operator shall be the traveling nut type. Valve shall open with a counter-clockwise rotation of the operating nut.

E. All valves shall have the manufacturer’s name and pressure rating marked on valve body.

2.04 RESTRAINED JOINTS

A. Sections of piping requiring restrained joints shall be constructed using pipe and fittings with restrained “locked-type” joints and the joints shall be capable of holding against withdrawal for line pressures 50 percent above the normal working pressure but not less than 150 psi. The pipe and fittings shall be restrained push-on joints or restrained mechanical joints.

B. The minimum number of restrained joints required for resisting force at fittings and changes in direction of pipe shall be determined from the length of restrained pipe on each side of fittings and changes in direction necessary to develop adequate resisting friction with the soil.

C. Restrained joint assemblies with ductile iron mechanical joint pipe shall be “Flex-Ring”, “Lok-Ring”, or mechanical joint coupled as manufactured by American Cast Iron Pipe Company, “Mega-Lug” or approved equal.

D. Ductile iron pipe bell and spigot joints shall be restrained with EBBA Iron Sales, Inc. Series 800 Coverall or approved equal.

E. Ductile iron mechanical joint fittings shall be restrained with EBBA Iron Sales, Inc. Series 1200 Restrainer. The restraining device shall be designed to fit standard mechanical joint bells with standard T head bolts conforming to AWWA C111 and AWWA C153. Glands shall be manufactured of ductile iron conforming to ASTM A536. Set screws

shall be hardened ductile iron and require the same torque in all sizes. Steel set screws not permitted. These devices shall have the stated pressure rating with a minimum safety factor of 2:1. Glands shall be listed with Underwriters Laboratories and/or approved by Factory Mutual.

F. Thrust blocks are permitted unless not allowed by the local governing authority.

G. Where ductile iron pipe manufactured with restrained joints is utilized, all restrained joints shall be fully extended and engaged prior to back filling the trench and pressurizing the pipe.

H. PVC pipe bell and spigot joints shall be restrained with the Uni-Flange Corp. Series 1350 Restrainer or approved equal. The restraining device and Tee head bolts shall be manufactured of high strength ductile iron meeting ASTM A536. Clamping bolts and nuts shall be manufactured of corrosion resistant high strength, low alloy steel meeting the requirements of ASTM A242.

I. Ductile iron mechanical joint fittings used with PVC pipe shall be restrained with UNI-Flange Corp. Series 1300 Restrainer, EBBA Iron, Inc, Series 2000PV Mechanical Joint Restrainer Gland, or approved equal. The restraining device and Tee head bolts shall be manufactured of high strength ductile iron meeting ASTM A-536. Clamping bolts and nuts shall be manufactured of corrosion resistant high strength, low alloy steel meeting the requirements of ASTM A242.

2.05 FIRE HYDRANT

A. Size of main valve opening of each hydrant shall be 5 inches, minimum. Hose thread, size of fire apparatus connection, and shape, size and direction of rotation of operating head of hydrant shall be identical with the local fire department and/or water department standards.

B. Hydrant shall be type AWWA C502, heavy construction, of proper length to connect pipe without extra fittings, and shall be the traffic type with safety flange on barrel and safety couplings on the valve stem with the following features:

1. Interior removable without digging up hydrant; can be packed under pressure; 6 inch bell connection; one steamer nozzle and two hose nozzles with nozzle caps securely chained to barrel; suitable drainage device; single rubber or leather-faced valve in base; nozzles, stuffing boxes, wedge nuts, seat rings, clamp plates, etc. Threaded joints or spindles shall be bronze. Upper and lower barrels shall be of equal diameters. Upper barrel shall be of sufficient length to permit setting hydrant with barrel flange not more than 2 inches above finished grade. All fire hydrants shall have 6 inch bottom connection.

2. Provide fire hydrants with finish paint as required by AHJ.

C. Provide a total of two wrenches with handles not less than 14 inches long.

2.06 BACKFLOW PREVENTER

A. Potable Water and Irrigation Water Service: Reduced Pressure Principle Type AWWA C511, except pressure drop at rated flow shall not exceed 15 psi. Gate valves installed on the assembly shall be resilient seated valve conforming to AWWA C509.

B. Fire Service: Double detector check valve with tamper switch. AWWA C510 and NFPA 14.

C. Provide backflow assemblies on “List of Approved Backflow Devices”, by the University of Southern California Foundation for Cross Connection Control & Hydraulic Research. Valves shall include supervisory switches. Coordinate with electrical for connection to building fire alarm system.

D. Backflow preventer shall not be located in any area containing fumes that are toxic, poisonous or corrosive.

E. Direct connections between potable water piping and sewer connected wastes shall not exist under any condition with or without backflow protection.

F. Backflow preventer shall be accessed and have clearance for the required testing, maintenance and repair. Access and clearance shall require a minimum of one (1) foot between the lowest portion of the assembly and grade, floor or platform. Installations elevated more than five (5) feet above the floor or grade shall be provided with a permanent platform capable of supporting a tester or maintenance person.

2.07 DISINFECTION CHLORINE

A. Liquid chlorine shall conform to AWWA B301 and AWWA C651.

B. Sodium hypochlorite shall conform to AWWA B300 with 5 percent to 15 percent available chlorine.

C. Calcium hypochlorite shall conform to AWWA B300 supplied in granular form or 5.g tablets, and shall contain 65 percent chlorine by weight.

2.08 ACCESSORIES

A. Water Service: Water services for domestic shall include a corporation stop, tapping service saddle, and meter.

1. Meter shall have a digital register and meet the requirements of the agency providing service. Provide power and communication conduit to the meter. The conduit shall be routed to communicate with the computer running the BMS. Contractor to provide meter, all meter appurtenances, and software for monitoring water usage.

B. Fittings: All fittings and accessories shall be manufactured and furnished by pipe supplier and shall be of same material as pipe, molded or formed to suit pipe size and end design, in required tee, bends, elbows, cleanouts, reducers, traps and other configurations required.

C. Colored Tape: Provide blue colored tape over all pipes.

D. Restrained Joint Fittings: Restrained joint fittings shall be ductile iron in accordance with the applicable requirements of ANSI/AWWA C111/A21.11 and ANSI/AWWA C153/A21.53 of the latest revision and shall be compatible with the type and pressure of pipe used.

PART 3 - EXECUTION

3.01 GENERAL

A. Water system installation shall be accordance with local jurisdiction providing service.

3.02 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, protect and handle products to site in accordance with manufacturer's recommendations.

B. Deliver and store valves in shipping containers with labeling in place.

3.03 PREPARATION

A. Cut pipe ends square, ream pipe and tube ends to full pipe diameter, remove burrs.

B. Remove scale and dirt on inside and outside before assembly.

C. Prepare pipe connections to equipment with flanges or unions.

3.04 INSTALLATION

A. Excavate pipe trench in accordance with Section 31 23 33 of these specifications.

B. Pipe Bedding and Backfill: Per the requirements of the local jurisdiction or per Section 31 23 33 of these specifications.

C. Horizontal Separation-Water Mains and Sewers:

1. Refer to State of California, Department of Health Services Guidance Memo No. 2003-02 (or most recent version): Guidance Criteria for the Separation of Water Mains and Non-Potable Pipelines.

D. Perpendicular Vertical Separation-Water Mains and Sewers:

1. Refer to State of California, Department of Health Services Guidance Memo No. 2003-02 (or most recent version): Guidance Criteria for the Separation of Water Mains and Non-Potable Pipelines.

E. Maintain minimum horizontal separation of 5 feet between domestic water service and sewer lateral.

F. Route pipe in straight line. Use factory manufactured fittings for all turns, corners or radii.

G. Establish elevations of buried piping to ensure not less than 36 inches of cover from finish grade.

H. Install trace wire for plastic pipe and colored tape for all pipes continuous over top of pipe and bring up inside valve box and end of pipe runs.

I. Backfill trench in accordance with Section 31 23 33 of these specifications.

3.05 INSTALLATION - VALVES

A. Set valves on solid bearing.

B. Center and plumb valve box over valve. Set box cover flush with finished grade.

3.06 VALVE BOXES, VAULTS AND PITS

A. Each gate valve shall be covered by a precast 8” valve box set flush with the street surface with cast iron ring and cover marked “WATER”.

B. All meter boxes, vaults and pits shall be bedded on 3” minimum thick, 3/4” drain rock, or other clean material with typical sand equivalent of 20 minimum, uncontaminated by native soil or against compacted of undisturbed base. The gravel bed shall extend to a 4” minimum beyond all side of the meter box. Box shall be set flush with top of curb, sidewalk, or ground, whichever is applicable.

C. Meter boxes and vaults shall be set so that the reading lids are aligned over the meter registers as closely as possible.

3.07 ADJUSTING WATER VALVE BOXES

A. After street has been paved, mark location of all water valve boxes in white paint before the close of that work day. Within 48 hours of paving, adjust all water valve boxes up to grade.

3.08 CLEANING

A. Prior to field testing, the pipe shall be flushed so that the velocities of 5 feet per second are obtained sufficient to clean the entire length of pipe.

3.09 HYDROSTATIC TEST

A. Conduct pressure and leakage tests on all pipelines. Furnish all necessary equipment and material and make all taps in the pipe as required. All pipe testing is to be hydrostatic

B. Hydrostatic testing of the system shall occur prior to disinfecting the system.

C. Prior to pressurizing the line, all joint restraints shall be completely installed and inspected.

D. If the system is tested in sections, and at the temporary caps at connections to the existing system and buildings, the Contractor shall provide and install all required temporary thrust restraints required to safely conduct the test.

E. The Contractor shall install corporation stops in the line as required to purge the air out of the system. At the completion of the test, all corporation stops shall be capped.

F. The Contractor shall perform pressure and leakage tests for the new system for 2 hours to 200 psi. Leakage shall not exceed the following requirements.

   1. Copper Tubing: No leaks.

   2. Ductile Iron Pipe: AWWA C600.

   3. Polyvinyl Chloride (PVC) AWWA C605.

G. Gauges for testing shall be calibrated with a standardized test gauge at the start of each testing day. Conduct the tests on buried pipe after the trench has been completely backfilled. If field condition permit, partially backfill the trench and leave the joints open for inspection and conduct an initial test. The acceptance test shall not, however, be conducted until all backfilling has been completed. Conduct the tests on exposed piping after the piping has been completely installed, including all supports and hangers.

   1. Pressure pipe procedure: After the pipe has been laid and backfilled and final compaction has been obtained, test pressure pipe between each valve section or pipe run. The pipe shall be slowly filled with water so that air is removed and the pipe shall be tested hydrostatically to a pressure of 50 psi above the working pressure and not less than 200 psi, at any point on the main for a minimum of one hour or to pressure as required by the local authority. Reaction blocking pipe restraints and the like shall be installed prior to test. All exposed pipe, fittings, valves and joints shall be examined during the test for seepage or other defects. Defects noted by this test shall be removed and replaced.

   2. A leak test shall be conducted after the pressure test has been satisfactorily completed. The duration of each leakage test shall be two hours and during the test the main shall be subjected to a pressure of 200 psi unless otherwise specified. Leakage shall not exceed the amounts given in AWWA C600 for ductile iron pipe and AWWA C605 for PVC pipe. If any test discloses leakage greater than specified, locate and repair the defective joints until the leakage is within the specified allowance.

3. Requirements for exposed pipelines: All exposed pipelines shall have no visible leakage during the specified test period. Any exposed pipeline with leakage shall be repaired or replaced.

3.10 DISINFECTING AND FLUSHING

A. Disinfect new water piping system in accordance with AWWA C651.

B. Maintain disinfectant in system for 24 hours. A residual of not less than 25 parts per million shall be produced in all parts of the line for the 24-hour period.

C. The bacteriological test specified in AWWA C651 shall be performed by a laboratory approved by the State. The cost of sampling, transportation, and testing shall be the responsibility of the Contractor.

Pipe Diameter	Flow Required to Produce 2.5 ft/sec (approx.) Velocity in Main
In	gpm
4	100
6	200
8	400
10	600
12	900
16	1,600

D. The backflow preventers shall not be in place during the flushing.

E. Initial flushing shall obtain a minimum velocity in the main of 2.5 feet per second at 40 PSI residual pressure in water main. The duration of the flushing shall be adequate to remove all particles from the line.

F. The Contractor shall be responsible to provide the water source for filling, flushing, and disinfecting the lines. Only potable water shall be used, and the Contractor shall provide all required temporary pumps, storage facilities required to complete the specified flushing, and disinfection operations.

G. The Contractor shall be responsible for the disposal of all water used to flush and disinfect the system in accordance with all governing rules and regulations. The discharge water shall not be allowed to create a nuisance for activities occurring on or adjacent to the site.

H. Re-disinfection and bacteriological testing of failed sections of the system shall be the sole responsibility of the Contractor.

I. Before backflow preventers are installed, all upstream piping shall be thoroughly flushed.

J. Flush, circulate, and clean until required cleanliness is achieved.

K. Provide bacteriological sampling, testing, and certification that water conforms to bacterial standards.

3.11 BACKFLOW PREVENTOR TESTING:

A. All backflow preventers shall be tested and certified for proper operation prior to being placed in operation.

3.12 FINAL CLEANING

A. Prior to final acceptance, all pipelines installed under this Section shall be flushed out of all accumulated construction debris and other foreign matter removed. Cleaning shall be done in a manner that will keep flushed debris from entering equipment. Flush through hydrants, or other outlets. Provide a pipe velocity of 2.5 feet per second minimum.

END OF SECTION

SECTION 33 30 00

SANITARY SEWER UTILITIES

PART 1 - GENERAL

1.01 GENERAL

A. The work encompassed by this section shall consist of performing all operations and furnishing all labor, materials, tools, equipment, and incidentals as necessary for the installation of sanitary sewer piping, fittings, and accessories for the following.

1. Sanitary sewer piping, fittings, and accessories.

B. Volume 1 - Contracting Requirements, and Division - 01 General Requirements apply to the Work of this Section.

1.02 REFERENCES

A. American Society for Testing Materials (ASTM):

1. ASTM D1784, Standard Specification for Rigid Poly Vinyl Chloride (PVC) Compounds and Chlorinated Poly Vinyl Chloride (CPVC) Compounds.

2. ASTM D1785, Standard Specification for Poly Vinyl Chloride (PVC) Plastic Pipe, Schedules 40, 80, and 120.

3. ASTM D2464, Standard Specification for Threaded Poly Vinyl Chloride (PVC) Plastic Pipe Fittings, Schedule 80.

4. ASTM D2467, Standard Specification for Poly Vinyl Chloride (PVC) Plastic Pipe Fittings, Schedule 80.

5. ASTM D3034, Standard Specification for Type PSM Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings.

6. ASTM F477, Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe.

1.03 ACTION SUBMITTALS

A. No action submittals are necessary.

1.04 INFORMATIONAL SUBMITTALS

A. Submit under provisions of Section 01 33 00.

1. Product data for pipe and fittings.

2. Field quality control reports.

PART 2 - PRODUCTS

2.01 PIPE MATERIALS

A. Gravity Sewer: Poly Vinyl Chloride (PVC) material with integral wall, bell and spigot joints. Pipe and fitting shall meet wall and strength minimum of SDR 21, and the requirements of ASTM D3034. Joints shall be equipped with rubber rings. The bell shall consist of an integral wall section with a solid cross section rubber ring factory assembled, securely locked in place to prevent displacement. Rubber rings shall meet the requirements of ASTM F477. All fittings and accessories shall be manufactured and furnished by the pipe supplier and have bell and/or space configurations identical to that of the pipe.

2.02 MANHOLES

A. Precast Concrete Manholes: Conforming to ASTM C478. Base and first riser shall be monolithic. Gaskets for joints between manhole sections shall conform to ASTM C443. Resilient connectors for making joints between manhole and pipes entering manhole shall conform to ASTM C923 or ASTM C990. Traffic rated structures required as noted on drawings.

B. Manhole Frames and Covers: Frame and cover must be cast gray iron, ASTM A48, Class 35B, cast ductile iron, ASTM A536, Grade 65-45-12, or meeting local requirements. Frames and covers must be circular. Include indented top design with lettering cast into cover. Traffic rated frames and covers required as noted on drawings.

2.03 PIPE ACCESSORIES

A. Fittings: All fittings and accessories shall be manufactured and furnished by pipe supplier of same material as pipe molded or formed to suit pipe size and end design, in required tee, bends, elbows, cleanouts, reducers, traps and other configurations required.

2.04 EXCAVATION AND BACKFILL

A. Excavation and backfill for all sewers shall conform to the provisions of Division 31, Section 31 23 33 of these specifications.

PART 3 - EXECUTION

3.01 GENERAL

A. Verify existing elevations prior to extensive excavating and notify the State of any discrepancies. Contractor shall be liable for any premature construction, which must be modified due to unforeseen existing conditions. Verify location of point of connection (POC).

B. Install piping beginning at low point of systems, true to grades and alignment indicated with unbroken continuity of invert. Place bell ends of piping facing upstream.

C. Provide all necessary fittings, fixtures, hardware, plates, fasteners, etc. to provide complete installation.

D. Use manholes or cleanouts for changes in direction or pipe size.

E. For sewer main location, alignment, cover, and size: Conform to local requirements.

F. All installations shall be secure and watertight.

3.02 INSTALLATION

A. Excavate pipe trench and place pipe zone bedding material in accordance with Section 31 23 33 of these specifications.

B. Pipe Bedding and Backfill: Per the requirements of the local jurisdiction or per Section 31 23 33 of these specifications.

C. Horizontal Separation, refer to Section 33 10 00 Water Utilities of these specifications.

D. The bottom of the trench shall be graded and prepared to provide a firm and uniform bearing throughout the entire length of the pipe barrel.

E. Install pipe, fittings, and accessories in accordance with manufacturer's instructions. Seal joints watertight.

F. The pipe shall be laid without break upgrade from structure to structure, with bell end upgrade for bell and spigot pipe.

G. The horizontal alignment of the pipe shall be laid such that any point shall not vary more than 0.10 feet from the design alignment.

H. Install pipe zone bedding material at sides and over top of pipe in accordance with Section 31 23 33 of these specifications.

I. Place trench zone backfill in accordance with Section 31 23 33 of these specifications. Do not displace or damage pipe when compacting.

3.03 CONNECTIONS TO EXISTING

A. No new sewer line shall be connected to an existing sewer system until the new sewer lines are balled, flushed, and satisfactorily tested.

3.04 BRACING AND SHORING

A. As required by the Trench Construction Safety Orders of the California Construction Safety Orders of the Division of Occupational Safety and Health, bracing and shoring shall be installed in trenches of five feet or greater depth to insure the safety of workers and to protect and facilitate the work.

3.05 TESTING SEWERS

A. All sewers, sewer services, and manholes shall be tested and observed for obstructions and leakage in accordance with the provisions of the local jurisdiction and per ASTM D3212.

B. Final acceptance and testing requirements shall conform to the requirements of this section or local requirements, whichever are more stringent.

C. Mandrel test of PVC pipe.

1. Following the placement and densification of backfill and prior to the placing of permanent pavement, all main line pipe shall be cleaned and then mandrelled to measure for obstructions (deflections, joint offsets and lateral pipe intrusions). A rigid mandrel, approved by the Engineer, with a circular cross section having a diameter of at least 95% of the specified average inside diameter, shall be pulled through the pipe by hand. Mandrel testing shall be performed 30 days or longer after installation and backfill compaction. In the event permanent pavement is placed prior to that time, mandrel-testing shall be required prior to pavement placement and a second mandrel test 30 days or longer after compaction of backfill. The backfill shall be removed and re-compacted for any section of pipe that fails the mandrel test. Re-rounders shall not be used to correct excessive pipe deformation.

D. Leakage Test.

1. Test lines for leakage by either infiltration tests or exfiltration tests, or by low-pressure air tests. Prior to testing for leakage, backfill trench up to at least lower half of pipe. When necessary to prevent pipeline movement during testing, place additional backfill around pipe sufficient to prevent movement, but leaving joints uncovered to permit inspection. When leakage or pressure drop exceeds the allowable amount specified, make satisfactory correction and retest pipeline section in the same manner. Correct visible leaks regardless of leakage test results.

2. Perform these tests for sewer lines made of the specified materials, not only concrete, in accordance with ASTM C969. Make calculations in accordance with the Appendix to ASTM C969.

3. Test in accordance with UBPPA UNI-B-6. Allowable pressure drop shall be as given in UBPPA UNI-B-6. Make calculations in accordance with the Appendix to UBPPA UNI-B-6.

END OF SECTION

N:\2022\022-0199.00000 City of El Centro Valley Center Point Plaza\06 Technical\02 - Drawings\Architectural\DWGs\IMPV\Revit\City of El Centro Valley Center Point Plaza.rvt

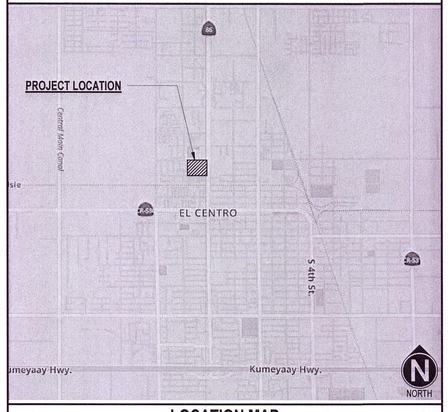
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City El Centro Valley Center Point Plaza

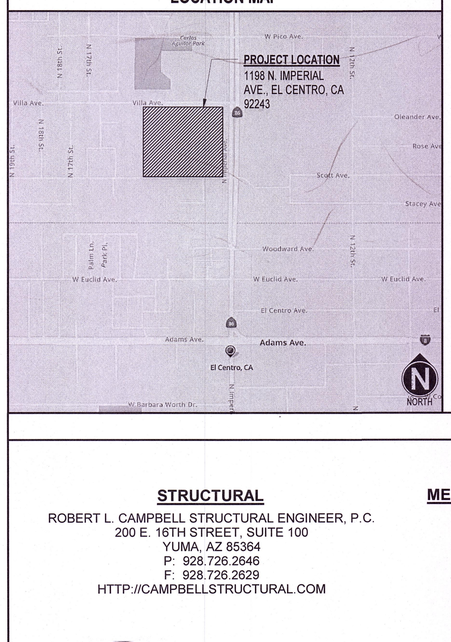
100% REVISED PERMIT SET
04-17-2025 (2)

1198 N. IMPERIAL AVE., EL CENTRO, CA 92243

VICINITY MAP



LOCATION MAP



CONSULTANTS

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SHEET INDEX

SHEET #	SHEET NAME
GENERAL	
G-0.0	COVER
G-0.1	ABBREVIATIONS, SYMBOLS, MATERIALS & GENERAL NOTES
G-0.2	ACCESSIBILTY DETAILS & NOTES
G-0.3	ACCESSIBILTY DETAILS & NOTES
G-1.1	CODE DATA PLAN
CIVIL	
C-1	COVER SHEET
C-2	DEMOLITION PLAN
C-3	GRADING PLAN
C-4	UTILITY PLAN
C-5	CONSTRUCTION DETAILS
C-6	CONSTRUCTION DETAILS
ARCHITECTURAL	
A2.0	FLOOR PLAN
A3.0	REFLECTED CEILING PLAN
A3.1	CEILING DETAILS
A4.0	ROOF PLAN
A5.0	BUILDING ELEVATIONS
A6.0	WALL TYPES
A7.0	DOOR SCHEDULE
A8.0	ROOM FINISH SCHEDULE
STRUCTURAL	
S1.1	GENERAL STRUCTURAL NOTES AND DETAILS
PLUMBING	
P-0.0	PLUMBING DEMO FLOOR PLAN
P-1.0	PLUMBING OVERALL FLOOR PLANS
P-1.1	PLUMBING FLOOR PLANS
P-2.0	PLUMBING DETAILS SCHEDULES & NOTES
ELECTRICAL	
E-1.1A	OVERALL ELECTRICAL SITE PLAN
E-1.1B	OVERALL ELECTRICAL SITE PLAN-NORTHEAST
E-2.1	ELECTRICAL ONE-LINE DIAGRAM

DEFERRED SUBMITTALS

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

DEFERRED SUBMITTALS ARE REQUIRED FOR THE FOLLOWING ITEMS:
1. FIRE SPRINKLER
2. FIRE ALARM SYSTEM
3. FIRE PROTECTION UNDERGROUND INFRASTRUCTURE & HYDRANTS (2)

ASBESTOS NOTES

WARNING!!!:
ASBESTOS CONTAINING MATERIALS (ACM) ARE PRESENT IN THE EXISTING BUILDINGS AS INDICATED IN ASBESTOS REPORT BY PARTNER ENGINEERING AND SCIENCE, INC. DATED OCTOBER 11, 2017. A CERTIFIED ASBESTOS ABATEMENT SPECIALIST IS REQUIRED FOR ALL ACM RELATED WORK.

BID ALTERNATES

ALTERNATE #1:
DEMOLISH THE EXISTING FLOOR SLAB, REMAINING EXTERIOR WALLS, FOUNDATIONS AND UNDERGROUND UTILITIES PER DETAIL 4/A6.1.
ALTERNATE #2:
PERFORM IMPROVEMENTS RELATED TO VACANT TENANT SPACE IN CHARTER SCHOOL BUILDING.

These plans and documents have been reviewed for compliance with the applicable code requirements of the jurisdiction. The approval of these plans shall not be held to permit or be an approval of a violation of applicable codes and shall not compliance with applicable codes. The review does not authorize construction that violates any federal, state, or local regulation.

APR 24 2025

Bureau Veritas North America, Inc.
Moe Heivand, P.E.

CONDITIONAL APPROVAL
For Contract Letter

NICKLAUS ENGINEERING, INC.
1851 West 24th Street
Yuma, Arizona 85364
(928) 344-4474
www.nelaw.com

JOB NO.	022-0199.00000
DESIGN	A.J.
DRAWN	L.E. & L.L.

REVISIONS

#	DATE	DESCRIPTION
1	11/12/24	COMMENT LETTER DATED 7/25/2024
2	04/17/25	COMMENT LETTER DATED 2/10/2025

1120 N. IMPERIAL AVE. EL CENTRO, CA 92243

City El Centro Valley Center Point Plaza

LICENSED ARCHITECT
ALAN W. JORGENSEN
C-31291
Renewal Date: 8/31/2025
STATE OF CALIFORNIA
Signed: 4/17/2025

COVER

G-0.0

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION, OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE AND COMMON LAW COPYRIGHT IN THESE PLANS, SPECIFICATIONS, AND DRAWINGS, AS INSTRUMENTS OF SERVICE, IS RESERVED BY THE ARCHITECT FOR WORK PERFORMED AND IMPROVEMENTS CONSTRUCTED PURSUANT TO THESE PLANS.

4/18/2025 8:24:24 AM

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ABBREVIATIONS

#	POUND OR NUMBER
&	AND
401	
@	AT
A/C	AIR CONDITIONING
AB	ANCHOR BOLT
ABC	AGGREGATE BASE COURSE
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJUSTABLE/ADJACENT
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARTCHITECT(URAL)
AUTO	AUTOMATIC
AVG	AVERAGE
BD	BOARD
BFF	BELOW FINISH FLOOR
BKG	BACKING
BLDG	BUILDING
BLKG	BLOCKING
BO	BOTTOM OF
BOS	BOTTOM OF STEEL
BRZE	BRONZE
BS	BOTH SIDES
BUR	BUILT-UP ROOFING
C/C	CENTER TO CENTER
CAB	CABINET
CALC	CALCULATE(ION)
CBB	CEMENTITIOUS BACKER BOARD
CD	CEILING DIFFUSER
CER	CERAMIC
CERT	CERTIFY(ICATION)
CF/CI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED / OWNER INSTALLED
CFE	CONTRACTOR FURNISHED EQUIPMENT
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CHFR	CHAMFER
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLKG	CAULKING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNR	CORNER
CNTR	COUNTER
CO	CLEANOUT / COMPANY
COL	COLUMN
COMB	COMBINED / COMBINATION
COMM	COMMUNICATION
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
CONTR	CONTRACT(OR)
COORD	COORDINATE(OR)
CORR	CORRIDOR / CORRECT
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTRL	CONTROL
CTV	CABLE TELEVISION
CW	COLD WATER
d	PENNY (NAIL - 10d)
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH OR DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL / DIAGRAM
DIFF	DIFFERENCE / DIFFUSER
DIM	DIMENSION
DISP	DISPOSAL/DISPENSER
DIST	DISTANCE
DIV	DIVISION / DIVIDE
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
EA	EACH
EF	EXHAUST FAN
EH	EXHAUST HOOD
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELAST	ELASTOMERIC
ELEC	ELECTRICAL
ELEV	ELEVATOR OR ELEVATION
EMERG	EMERGENCY
ENCL	ENCLOSURE
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EWS	EYE WASH STATION
EX	EXAMPLE
EXCL	EXCLUDE
EXIST	EXISTING
EXP	EXPAND(SION)/EXPOSED
EXST GR	EXISTING GRADE
EXT	EXTERIOR
F/F	FACE TO FACE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FAP	FIRE ALARM PANEL
FCU	FAN COIL UNIT
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FF&E	FURNITURE,FIXTURE,&EQUIPMENT
FH	FIRE HYDRANT/HOSE
FIG	FIGURE
FIN	FINISH
FIXT	FIXTURE
FL	FLOW LINE
FLR	FLOOR
FO	FINISHED OPENING
FOC	FACE OF CONCRETE/CURB
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD/SLAB
FOSH	FACE OF SHEATHING
FOW	FACE OF WALL
FRP	FIBERGLASS REINFORCED PLASTIC
FRZ	FREEZER
FS	FLOOR SINK
FT	FEET/FOOT/FIRE TREATED
FTG	FOOTING
FUT	FUTURE
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GD	GARBAGE DISPOSAL
GFCI	GROUND FAULT CIRCUIT INTERRUPT
GLU LAM	GLU LAMINATED WOOD
GLZ	GLAZING
GR	GRADE
GR BM	GRADE BEAM
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
GYP BD	GYPSUM BOARD
HAZ	HAZARD
HB	HOSE BIB
HC	HANDICAP/HOLLOW CORE
HDR	HEADER
HDW	HARDWARE
HM	HOLLOW METAL
HMD	HOLLOW METAL DOOR
HMF	HOLLOW METAL FRAME
HMW	HOLLOW METAL WINDOW
HORIZ	HORIZONTAL
HR	HOUR
HS	HAND SINK/HIGH STRENGTH
HT	HEIGHT
HTR	HEATER
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
HW	HOT WATER
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
IF	INSIDE FACE
INCL	INCLUDED
INSUL	INSULATED OR INSULATION
INT	INTERIOR
INV	INVERT
INV EL	INVERT ELEVATION
J-BOX	JUNCTION BOX
JAN	JANITOR
JAN CL	JANITOR CLOSET
JT	JOINT
KD	KNOCKED DOWN
KPL	KICKPLATE
KWY	KEYWAY
LAB	LABORATORY
LAM	LAMINATE(D)
LAV	LAVATORY
LB, LBS	POUND(S)
LF	LINEAL FEET or LINEAR FEET
LKR	LOCKER
LT	LIGHT
LTG	LIGHTING
LVR	LOUVER
MAINT	MAINTENANCE
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MFR	MANUFACTURER
MGR	MANAGER
MH	MAN HOLE
MICRO	MICROWAVE OVEN
MID	MIDDLE
MIN	MINIMUM
MIRR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE-RESISTANT
MTL	METAL
MTR	METER
MUL	MULLION
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NORM	NORMAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER/OUTSIDE DIMENSION
OF	OUTSIDE FACE
OF/CI	OWNER FURNISHED CONCTRACTOR INSTALLED
OF/OI	OWNER FURNISHED OWNER INSTALLED
OFD	OVERFLOW DRAIN
OFS	OUTSIDE FACE OF STUD(S)
OPNG	OPENING
OPP	OPPOSITE
OPT	OPTION/OPTIMUM
ORD	OVERFLOW ROOF DRAIN
OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
OZ	OUNCE
PAR	PARALLEL/PARAPET
PART	PARTIAL
PAT	PATTERN
PCC	PORTLAND CEMENT CONCRETE
PERP	PERPENDICULAR
PJ	PANEL JOINT
PKG	PACKAGE
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC/PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT OR PAINTED
POC	POINT OF CONNECTION
POL	POLISHED
POS	POSITION/POSITIVE
PREFAB	PREFABRICATE
PRELIM	PRELIMINARY
PREP	PREPARATION
PREV	PREVIOUS
PROJ	PROJECT(OR)/PROJECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PORCELAIN TILE
PTD	PAPER TOWEL DISPENSER/PRINTED
PTN	PARTITION
PUR	PURLINS
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE
PWR	POWER
QA	QUALITY ASSURANCE
QC	QUALITY CONTROL
QT	QUARRY TILE
QTR	QUARTER
QTY	QUANTITY
QUAL	QUALITY
RA	RETURN AIR
RB	RUBBER/RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN/ROAD
RD/OF	ROOF DRAIN AND OVERFLOW
RE	REFER TO
REBAR	REINFORCING STEEL BARS
REF	REFERENCE/REFRIGERATOR
REG	REGULAR
REINF	REINFORCE(MENT)
REM	REMOVABLE
REQ	REQUIRE(D)
REST	RESTROOM
RET	RETURN
REV	REVERSE/REVISION(S)/REVOLUTION(S)
RF	RESILIENT FLOORING
RH	ROOF HATCH/RIGHT HAND
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
RUB	RUBBER/RADIAL RUBBER FLOORING
RV	ROOF VENT
SA	SUPPLY AIR
SALV	SALVAGE
SC	SOLID CORE
SCD	SEAT COVER DISPENSER
SCH	SCHEDULE
SCP	SCUPPER
SD	STORM DRAIN/SOAP DISPENSER
SECT	SECTION
SF	SQUARE FOOT OR FEET
SHR	SHOWER
SHT	SHEET/SHAFT
SIM	SIMILAR
SM	SMALL
SND	SANITARY NAPKIN DISPENSER
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLER OR SPEAKER
SQ	SQUARE
SQ FT	SQUARE FOOT OR FEET
SQ IN	SQUARE INCH(ES)
SS	SANITARY SEWER/STAINLESS STEEL
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURE OR STRUCTURAL
SUB	SUBSTITUTE
SUPVR	SUPERVISOR
SUSP CLG	SUSPENDED CEILING
SYM	SYMBOL
SYMM	SYMMETRICAL
SYS	SYSTEM
T&B	TOP & BOTTOM
T&G	TONGUE AND GROOVE
T.O.	TOP OF
T/D	TELEPHONE/DATA
TB	TOWEL BAR/THROUGH BOLT
TD	TRENCH DRAIN
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TMB	TELEPHONE MOUNTING BOARD
TMPD GL	TEMPERED GLASS
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOD	TOP OF DECK
TOF	TOP OF FRAMING/TOP OF FOOTING
TOJ	TOP OF JOIST
TOL	TOLERANCE/TOP OF LEDGER
TOM	TOP OF MASONRY
TOP	TOP OF PARAPET/TOP OF PAVEMENT
TOR	TOP OF ROOF
TOS	TOP OF STEEL
TOT	TOP OF TRUSS
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TRANS	TRANSPARENT
TS	TUBE STEEL
TSTAT	THERMOSTAT
TTD	TOILET TISSUE DISPENSER
TV	TELEVISION
TYP	TYPICAL
U/C	UNDER COUNTER
U/S	UNDERSIDE
UFC	UNIFIED FACILITIES CRITERIA
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UNFIN	UNFINISH(ED)
UNIF	UNIFORM
UNIV	UNIVERSAL
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY
V	VOLT
VAR	VARIES/VARIATION
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION/VENTILATOR
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VOL	VOLUME
VP	VISION PANEL
VR	VAPOR RETARDER
VRFY	VERIFY
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W/	WITH
W/O	WITHOUT
WIW	WALL TO WALL
WC	WATER CLOSET (TOILET)
WCO	WALL CLEANOUT
WD	WOOD
WDW	WINDOW
WGL	WIRED GLASS
WH	WATER HEATER/WALL HUNG
WLD	WELDED
WO	WHERE OCCURS
WP	WEATHER/WATERPROOF
WT	WEIGH
WTR	WATER
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
XMFR	TRANSFORMER
YD	YARD

SYMBOL LEGEND

BUILDING SECTION
1 / A1.0
BUILDING SECTION SEQUENCE NUMBER
SHEET NUMBER WHERE BUILDING SECTION IS DRAWN

WALL SECTION
1 / A1.0
WALL SECTION SEQUENCE NUMBER
SHEET NUMBER WHERE WALL SECTION IS DRAWN

BUILDING ELEVATION
1 / A1.0 TYP.
BUILDING ELEVATION SEQUENCE NUMBER
SHEET NUMBER WHERE BUILDING ELEVATION IS DRAWN
TYP. / SIM. / OPP. WHERE OCCURS

DOOR TAG
101A
DOOR NUMBER

ROOM TAG
ROOM NAME
101
1,000 SF
ROOM NAME
ROOM NUMBER
ROOM AREA (WHERE OCCURS)

KEYNOTES
001 SHEET KEYNOTE
001 DEMOLITION KEYNOTE
001 SHEET KEYNOTE (PHASE 2)
001 SHEET KEYNOTE (PHASE 3)
001 SHEET KEYNOTE (PHASE 4)

DETAIL SECTION
1 / A1.0
DETAIL SECTION SEQUENCE NUMBER
SHEET NUMBER WHERE DETAIL SECTION IS DRAWN

CALLOUT DETAIL
1 / A1.0
CALLOUT DETAIL SEQUENCE NUMBER
SHEET NUMBER WHERE CALLOUT DETAIL IS DRAWN

INTERIOR ELEVATION
1 / A1.0 TYP.
INTERIOR ELEVATION SEQUENCE NUMBER
SHEET NUMBER WHERE INTERIOR ELEVATION IS DRAWN
TYP. / SIM. / OPP. WHERE OCCURS

WINDOW TAG
101A
WINDOW NUMBER

WALL TAG
1i
WALL TYPE

SCALE
0' 4' 8' 16'

NORTH ARROW
N NORTH
PROJECT NORTH
TRUE NORTH

GRID LINE
A

MATERIAL LEGEND

- CONCRETE / PRE-CAST CONCRETE (PLAN & SECTION)
- BRICK (ELEVATION, PLAN & SECTION)
- CMU (ELEVATION, PLAN & SECTION)
- SAND, PLASTER, or STUCCO (PLAN & SECTION)
- STEEL (PLAN & SECTION)
- WOOD (PLAN & SECTION)
- PLYWOOD (PLAN & SECTION)
- SHIM
- RIGID INSULATION (PLAN & SECTION)
- MINERAL WOOL SEMI-RIGID INSULATION (PLAN & SECTION)
- GYPSUM BOARD (PLAN & SECTION)
- EARTH (PLAN & SECTION)
- AGGREGATE BASE /GRAVEL (SECTION) OR RIP-RAP (PLAN)
- WATER (PLAN & SECTION)
- FIBERGLASS BATT INSULATION
- ROUGH WOOD

GENERAL NOTES

1. ALL WORK PERFORMED SHALL COMPLY WITH THE CONTRACT DOCUMENTS, DRAWINGS, AND SPECIFICATIONS, INCLUDING THESE GENERAL NOTES.
2. NO DEVIATION FROM CONTRACT DOCUMENTS, DRAWINGS, AND SPECIFICATIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE ARCHITECT AND OWNER.
3. THE ORGANIZATION OF THE DRAWINGS AND SPECIFICATIONS SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF THE WORK TO BE PERFORMED BY ANY TRADE UNLESS SPECIFICALLY REQUIRED.
4. CONTRACTOR SHALL VERIFY ALL SITE AND BUILDING CONDITIONS, DIMENSIONS AND LAYOUT PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE DOCUMENTS WITH EXISTING CONDITIONS AT JOB SITE. CONTRACTOR SHALL REPORT TO ARCHITECT, AT ONCE, ERRORS, DISCREPANCIES, PRODUCTS, SYSTEMS, PROCEDURES, AND CONSTRUCTION METHODS SHOWN OR SPECIFIED WHICH ARE INCORRECT, INADEQUATE, OBSOLETE, OR UNSUITABLE FOR ACTUAL FIELD CONDITION, OR WHICH THE CONTRACTOR WOULD NOT WARRANT AS REQUIRED BY CONTRACT DOCUMENTS. DO NOT PROCEED WITH WORK IN AREAS WHERE ERROR, DISCREPANCIES, INCONSISTENCIES, OR OMISSIONS ARE FOUND WITHOUT ARCHITECT'S INSTRUCTIONS.
5. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS IN ORDER TO PROPERLY INSTALL OR EXECUTE THE WORK AS SHOWN OR TO ACCOMMODATE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SYSTEMS. SUCH INCIDENTAL WORK SHALL BE CONSIDERED A PART OF THE CONTRACT REQUIREMENTS.
6. CONSULTANTS' DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATIONS OF SAID WORK. SHOULD THERE BE A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANTS' DRAWINGS THAT WOULD CAUSE AN AWKWARD OR DEFICIENT INSTALLATION, IT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION BEFORE INSTALLATION OF SAID WORK.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUANTITY OF WORK.
8. THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING WORK AS REQUIRED TO EXECUTE THE WORK SHOWN ON THE DRAWINGS. WHERE CUTTING OF EXISTING SURFACES OR REMOVAL OF EXISTING FINISHES IS REQUIRED TO PERFORM WORK UNDER THIS CONTRACT AND NEW FINISH IS NOT INDICATED, FILL RESULTING OPENINGS AND PATCH THE SURFACE AFTER DOING THE WORK AND FINISH TO MATCH ADJACENT EXISTING SURFACES. PATCHES AN REPAIRS SHALL EXACTLY MATCH EXISTING ADJACENT WORK IN ALL RESPECTS AND SHALL NOT BE OBVIOUS AS PATCHING.
9. ALL DRAWINGS SHOW NEW CONSTRUCTION UNLESS NOTED AS AN EXISTING CONDITION OR EXISTING CONSTRUCTION.
10. ALL MATERIALS NOTED ON THE DOCUMENTS ARE TO BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.
11. IN ADDITION TO ANY WARRANTIES OR GUARANTEES REQUIRED BY VARIOUS SECTIONS OF THE SPECIFICATIONS, THE CONTRACTOR GUARANTEES BY HIS ACCEPTANCE OF THE CONTRACT, THAT ALL WORK INSTALLED WILL BE FREE FROM ANY AND ALL DEFECT IN WORKMANSHIP AND/OR MATERIALS, AND ALL APPARATUS WILL DEVELOP CAPACITIES AND CHARACTERISTICS SPECIFIED, AND IF, DURING THE PERIOD OF ONE YEAR, OR AS OTHERWISE SPECIFIED, AND IF, FROM DATE OF CERTIFICATE OF COMPLETION AND ACCEPTANCE OF THE WORK, MAY SUCH DEFECTS IN WORKMANSHIP, MATERIALS, OR PERFORMANCE APPEAR, THE CONTRACTOR SHALL, WITHOUT COST TO THE OWNER, REMEDY SUCH DEFECTS WITHIN A REASONABLE TIME TO BE SPECIFIED IN NOTICE FROM THE ARCHITECT. IN DEFAULT THEREOF, THE OWNER MAY HAVE SUCH WORK DONE AND CHARGE COST TO THE CONTRACTOR.
12. CONTRACTOR SHALL LEGALLY DISPOSE OF ALL WASTE MATERIALS.
13. THE CONTRACTOR SHALL MAINTAIN THE BUILDING AND SITE IN AN ACCEPTABLE STANDARD OF CLEANLINESS. CONSTRUCTION DEBRIS AND FOOD AND BEVERAGE CONTAINERS SHALL BE REMOVED ON A REGULAR BASIS.
14. DIMENSIONING CRITERIA:
    - A. STUD WALLS ARE DIMENSIONED TO FACE OF STUD
    - B. STRUCTURAL WALLS ARE DIMENSIONED TO THE FACE OF STRUCTURE
    - C. DIMENSIONS NOTED AS 'CLEAR' or 'CLR.' ARE CRITICAL MINIMUMS DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH
    - D. MILLWORK IS DIMENSIONED FOR OVERALL DEPTH, HEIGHT, AND LENGTH OF UNITS. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS.
15. DO NOT SCALE DRAWINGS. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES DEPICTED ON DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, GRADES, AND CONDITIONS AT THE SITE PRIOR TO COMMENCING WITH THE WORK, AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IN WRITING.
16. WHERE A TYPICAL CONDITION IS DETAILED, IT SHALL BE UNDERSTOOD THAT ALL LIKE OR SIMILAR CONDITIONS ARE THE SAME UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE.
17. MANUFACTURED MATERIALS, EQUIPMENT, AND PRODUCTS SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS, INSTRUCTIONS AND SHALL COMPLY WITH ALL CALDAG REQUIREMENTS AND GUIDELINES UNLESS NOTED OTHERWISE.
18. THE CONTRACTOR SHALL REVIEW THE LOCATION AND MOUNTING HEIGHTS OF THE TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION TO ASSURE CORRECT POSITIONING IN ACCORDANCE WITH CALIFORNIA BUILDING CODE CHAPTER 11B.
19. IF CONTRACTOR ENCOUNTERS SUSPECTED HAZARDOUS MATERIALS, CONTACT PROJECT MANAGER WITHOUT DELAY.
20. THIS LIST OF GENERAL NOTES IS NOT FULLY INCLUSIVE OF ALL GENERAL PROJECT NOTES. SEE OTHER DRAWINGS FOR ADDITIONAL GENERAL NOTES SPECIFIC TO CERTAIN PORTIONS OF THE SCOPE OF WORK.
21. TYPICAL DOOR FRAME INSTALLATION OF DOOR JAMBS TO BE LOCATED 6" FROM ADJACENT FACE OF FINISH OF PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
22. DUCT PENETRATIONS OF FIRE RATED WALLS, FLOORS, OR ROOFS SHALL HAVE FIRE DAMPERS PER CALIFORNIA FIRE CODE. DAMPERS MUST BE LOCATED AT THE POINT WHERE THE RATED BARRIER IS PIERCED.
23. PENETRATIONS IN WALLS, FLOORS, OR ROOF REQUIRING PROTECTED OPENINGS SHALL BE FIRE STOPPED IN ACCORDANCE WITH CALIFORNIA FIRE CODE AND CALIFORNIA BUILDING CODE .
24. DETAILS MARKED "TYP" OR "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY INDICATED OTHERWISE.
25. DETAILS MARKED "SIM" OR "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY SIMILAR DIMENSIONS OR NOTES ON DRAWINGS.
26. "PATCH AS REQUIRED" SHALL MEAN PATCH, REPAIR, AND/OR REPLACE AFFECTED SURFACES TO MATCH EXISTING ADJACENT MATERIALS, PLAN, AND APPEARANCE.

NICKLAUS ENGINEERING, INC.
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JOB NO.	022-0199.00000
DESIGN	A.J.
DRAWN	L.E. & LL

REVISIONS

#	DATE	DESCRIPTION

1198 N. IMPERIAL AVE., EL CENTRO, CA 92243

City El Centro
Valley Center Point Plaza

ALAN W. JORGENSEN
C-31291
LICENSED ARCHITECT
STATE OF CALIFORNIA
Renewal Date: 8/31/2025

Signed: 11/12/2024

ABBREVIATIONS, SYMBOLS, MATERIALS & GENERAL NOTES

G-0.1

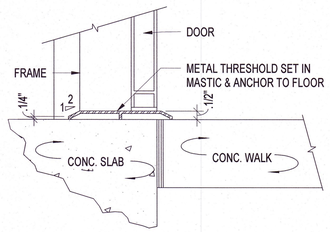
THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION, OR PUBLICATION BY ANY METHOD, IN WHOLE ORIN PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ENGINEER WITHOUT PREJUDICE. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

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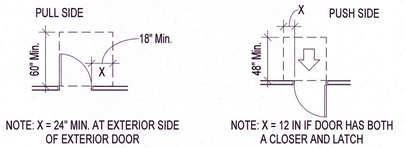
ACCESSIBLE DOORS & NOTES

DOOR NOTES:

1. FOR DOOR CLEARANCES SEE FIG. 404.2.4.1 FROM CBC CHAPTER 11B STANDARDS
2. ALL ACCESSIBLE DOORS ARE REQUIRED TO FOLLOW ALL APPLICABLE CBC CHAPTER 11B STANDARDS.
3. EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND NOT LESS THAN 6 FEET, 8 INCHES IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE MOUNTED SO THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32 INCHES. ALL DOORS SHALL SWING OUTWARD IN THE PATH OF TRAVEL TO EXIT.
4. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
5. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE THE FLOOR.
6. DOOR HARDWARE SHALL BE OPERABLE FROM THE INSIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
7. MAXIMUM 5 LBS. EFFORT TO OPERATE EXTERIOR DOOR, 5 LBS. FOR INTERIOR.
8. MINIMUM 10" HIGH SMOOTH SURFACE AT DOOR BOTTOM, EITHER ATTACHED PANEL OR BOTTOM RAIL.



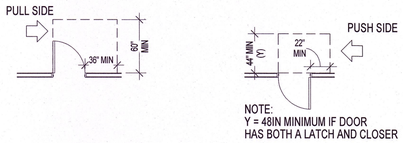
DOOR THRESHOLD DETAIL



NOTE: X = 24" MIN. AT EXTERIOR SIDE OF EXTERIOR DOOR

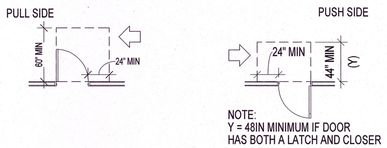
NOTE: X = 12 IN IF DOOR HAS BOTH A CLOSER AND LATCH

FRONT APPROACHES - SWINGING DOORS



NOTE:
Y = 48IN MINIMUM IF DOOR HAS BOTH A LATCH AND CLOSER

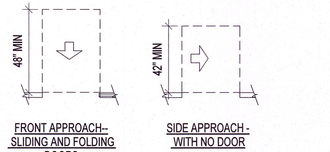
HINGE SIDE APPROACHES - SWINGING DOORS



NOTE:
Y = 48IN MINIMUM IF DOOR HAS BOTH A LATCH AND CLOSER

NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES.

MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES
CBC 11B-404.2.4.1



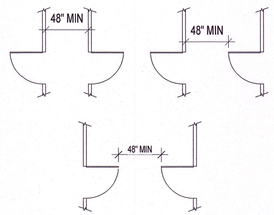
FRONT APPROACH--SLIDING AND FOLDING DOORS

SIDE APPROACH - WITH NO DOOR

POCKET OR HINGE APPROACH - SLIDING AND FOLDING DOORS

STOP OR LATCH APPROACH - SLIDING AND FOLDING DOORS

MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES, AND FOLDING DOORS
CBC 11B-404.2.4.2



DOORS IN SERIES AND GATES IN SERIES
CBC 11B-404.2.6

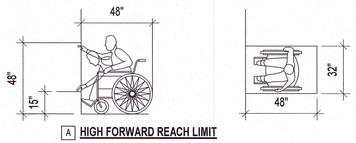
(WHERE INDICATED) A NARROW FRAME WITH A BEVELED TOP EDGE (30 DEGREE MAXIMUM BEVEL TO VERTICAL PLANE INSTALLED AT THE BOTTOM OF A GLASS DOOR (WITH NO SIDE FRAMES) MAY BE USED IN LIEU OF PROVIDING THE REQUIRED 10-INCH UNINTERRUPTED SURFACE AT THE BOTTOM OF THE DOOR.



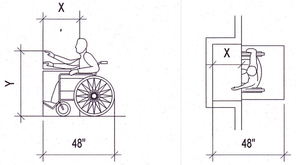
GENERAL ACCESSIBILITY NOTES

1. NOTE THAT ONLY SELECTED ACCESSIBILITY REQUIREMENTS ARE SHOWN ON THIS DRAWING. REFER ALSO TO CBC CHAPTER 11B, THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ACCESSIBLITY REQUIREMENTS.
2. THE CONTRACTOR SHALL REVIEW AND COMPLY WITH CBC CHAPTER 11B. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY DISCREPANCIES ARE FOUND BETWEEN NOTES AND DETAILS SHOWN HEREIN AND NOTES AND DETAILS ON OTHER SHEETS.
3. DASHED RECTANGLES AND CIRCLES SHOWN ON THESE FLOOR PLANS INDICATE THE CLEAR FLOOR SPACE REQUIRED BY CBC CHAPTER 11B FOR WHEELCHAIRS TO MANEUVER.
4. CONTRACTOR SHALL CONFIRM ACCESSIBLE PLUMBING FIXTURE AND ACCESSORY MOUNTING HEIGHTS SHOWN WITH AND CBC 11B RECOMMENDED MOUNTING HEIGHTS FOR ACTUAL FIXTURES AND ACCESSORIES BEING SUPPLIED.
5. ALL ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, VISIBLE FROM APPROACHING PEDESTRIAN WAYS.
6. ALL INTERIOR ROOM NAME SIGNS SHALL HAVE BOTH TYPED COPY AND RAISED BRAILLE IN CONFORMANCE WITH CBC CHAPTER 11B.
7. ALL INTERIOR PERMANENT IDENTIFICATION SHALL BE MOUNTED ON THE WALL IN CONFORMANCE TO CBC CHAPTER 11B.
8. CONTROLS / OPERATION MECHANISMS SHALL COMPLY WITH CBC CHAPTER 11B ELECTRICAL AND COMMUNICATIONS SYSTEM RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE FINISHED FLOOR.
9. BATHROOM ACCESSORIES ON OR WITHIN WALLS SHALL BE SEALED AGAINST MOISTURE.
10. FLUSH CONTROLS SHALL BE MOUNTED NO MORE THAN 44 INCHES A.F.F.

REACH REQUIREMENTS

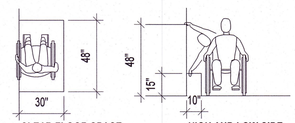


A HIGH FORWARD REACH LIMIT



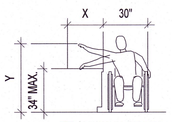
NOTES:
1. WHEN X < 20 INCHES, THEN Y SHALL BE 48 INCHES MAXIMUM.
2. WHEN X IS 20 TO 25 INCHES, THEN Y SHALL BE 44 INCHES MAXIMUM.

B MAXIMUM FORWARD REACH OVER AN OBSTRUCTION



C CLEAR FLOOR SPACE PARALLEL APPROACH

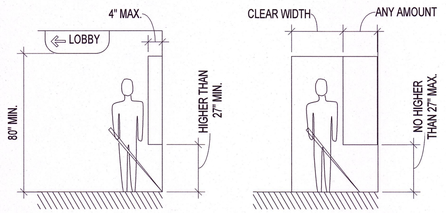
D HIGH AND LOW SIDE REACH LIMITS



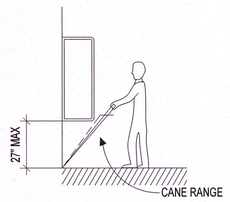
NOTE:
Y = 48IN MAXIMUM IF X < 10IN
Y = 46IN MINIMUM IF X > 10IN-24IN MAX

E MAXIMUM SIDE REACH OVER AN OBSTRUCTION

PROTRUDING OBJECTS



WALKING PARALLEL TO A WALL



WALKING PERPENDICULAR TO A WALL

PROTRUDING OBJECTS:

1. OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27 TO 80 INCHES ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4 INCHES INTO WALKS, CORRIDORS, OR AISLES. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27 INCHES ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT.
2. FREE-STANDING OBJECTS MOUNTED ON POSTS MAY OVERHANG 12 INCHES MAXIMUM FROM 27 TO 80 INCHES ABOVE THE FINISHED FLOOR.
3. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.
4. CIRCULATION SPACES SHALL HAVE 80 INCHES MINIMUM CLEAR HEAD ROOM. IF CLEARANCE IS REDUCED TO LESS THAN 80 INCHES, A BARRIER TO WARN VISUALLY-IMPAIRED PERSONS SHALL BE PROVIDED.

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JOB NO.	022-0199.00000
DESIGN	A.J.
DRAWN	L.E. & LL

REVISIONS

#	DATE	DESCRIPTION
1	11/12/24	COMMENT LETTER DATED 7/25/2024

1198 N. IMPERIAL AVE., EL CENTRO, CA 92243

City El Centro Valley Center Point Plaza

ALAN W. JORGENSEN
C-31291
Renewal Date: 8/31/2025
LICENSED ARCHITECT
STATE OF CALIFORNIA
Signed: 11/12/2024

ACCESSIBILTY DETAILS & NOTES

G-0.2

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N:\2022\022-0199.00000 City of El Centro Valley Center Point Plaza\06 Technical\02 - Drawings\Architectural\DWGs\IMPV\Revit\City of El Centro Valley Center Point Plaza.rvt

SIGNAGE AND GRAPHICS REQUIREMENTS

ALL INDICATED CODE SECTIONS ARE IN REFERENCE TO THE CALIFORNIA BUILDING CODE (CBC) UNLESS NOTED OTHERWISE.

A. CHARACTER DEPTH AND STYLE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MIN ABOVE THEIR BACKGROUND AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.

B. CHARACTER HEIGHT: RAISED CHARACTERS SHALL BE 5/8" MINIMUM AND 2" MAXIMUM HIGH BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".

C. CHARACTER STROKE THICKNESS: STROKED THICKNESS OF THE UPPERCASE "I" SHALL BE 15 MAXIMUM OF THE HEIGHT OF THE CHARACTER.

D. CHARACTER SPACING: CHARACTER SPACING SHALL BE 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM FOR CHARACTERS WITH RECTANGULAR CROSS SECTIONS. SPACING SHALL BE 1/16" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTION AND 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTION FOR CHARACTERS WITH OTHER CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" MINIMUM. SPACING BETWEEN BASELINES OF SEPARATE LINES OF RAISED CHARACTERS SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF RAISED CHARACTER HEIGHT.

E. BRAILLE: CONTRACTED (GRADE 2 BRAILLE) SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 0.100" O.C. IN EACH CELL WITH 0.300" SPACE BETWEEN ADJACENT CELLS, MEASURED FROM THE FIRST COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE BETWEEN 0.395" TO 0.400" BETWEEN BELOW CELLS, MEASURED FROM THE FIRST ROW OF DOTS IN THE FIRST CELL TO THE FIRST ROW OF DOTS IN THE BELOW CELL. DOTS SHALL BE RAISED A MIN OF 0.025" TO A MAXIMUM OF 0.037" ABOVE THE BACKGROUND (CBC TABLE 11B-703.3.1). DOTS ARE REQUIRED TO BE ROUNDED OR DOMED, EACH DISTINCT AND SEPARATE. WITH THE EXCEPTION OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY & CIRCLES AND TRIANGLES ON RESTROOM DOORS, PICTOGRAMS, WHERE OCCURS, SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM IN RAISED LETTERS & GRADE 2 BRAILLE.

F. VISUAL CHARACTER FINISH AND CONTRAST: CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

G. VISUAL CHARACTER SIZE: CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE AND HEIGHT FROM FINISH FLOOR FROM WHICH THEY ARE TO BE READ. SEE CBC TABLE 11B-703.5.5 FOR COMPLIANT REQUIREMENTS.

H. VISUAL CHARACTER PROPORTIONS: CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER 'O' IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER 'I'. STROKE THICKNESS OF THE UPPERCASE LETTER 'I' SHALL BE 10 PERCENT MINIMUM AND 20 PERCENT MAXIMUM OF CHARACTER HEIGHT.

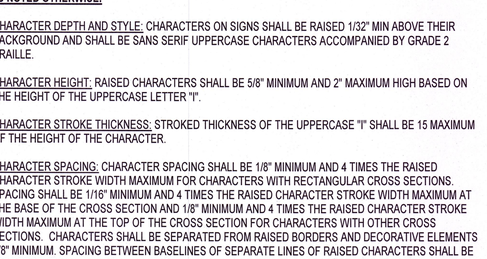
I. VISUAL CHARACTER SPACING: SPACING BETWEEN INDVIDAUL CHARACTERS SHALL BE 10 PERCENT MINIMUM AND 35 PERCENT MAXIMUM OF CHARACTER HEIGHT.

J. INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGNAGE SHALL BE PROVIDED AT ALL ACCESSIBLE ENTRANCES, ONLY IF NON-ACCESSIBLE ENTRANCES ARE PRESENT.

K. FOR EASE OF READABILITY, SIGNAGE SHALL BE POSITIONED PERPENDICULAR TO THE PATH OF TRAVEL WHEREVER POSSIBLE, OR CLOSEST TO THE PERPENDICULAR, NOT TO EXCEED AN ANGLE OF 30 DEGREES TO EITHER SIDE.

L. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL HAVE A WHITE FIGURE ON A BLUE BACKGROUND. COLOR BLUE SHALL APPROXIMATE FS 15090 IN FEDERAL STANDARD 595C UNLESS THE ENFORCING AUTHORITY APPROVES OTHERWISE.

EXIT SIGNAGE



STROKE THICKNESS OF UPPER CASE 'I': 15 PERCENT MAX. OF CHARACTER HEIGHT

RAISED CHARACTER HEIGHT: 5/8" MIN. TO 2" MAX. BASED ON HEIGHT OF UPPER CASE 'I'. SET MIN. 1/32" ABOVE BACKGROUND

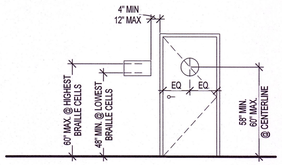
BRAILLE REQ'D - PROVIDE CALIFORNIA GRADE II,DOTS = 0.100" O.C. IN EACH CELL WITH 0.300" SPACE BETWEEN ADJACENT CELLS, RAISED 0.025" TO 0.037". DOTS TO BE ROUNDED OR DOMED. PROVIDE 0.395" TO 0.400" BETWEEN CELLS DIRECTLY BELOW.

1. FOR GENERAL SIGNAGE AND GRAPHIC REQUIREMENTS,REFER TO SIGNAGE AND GRAPHICS REQUIREMENTS NOTES.
2. FOR ROOM SIGNAGE MOUNTING HEIGHT REQUIREMENTS, REFER TO: ROOM SIGNAGE ELEVATION

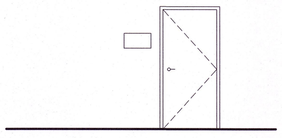
FIRE RISER SIGN



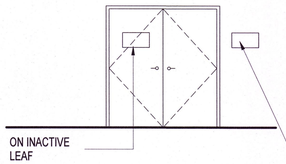
ROOM SIGNAGE ELEVATION



RESTROOM DOORS:
GEOMETRIC SIGN LOCATED CENTER ON DOOR LEAF. TACTICLE SIGN LOCATED ON WALL ADJACENT TO LATCH SIDE OF DOOR.



SWINGING DOORS:
TACTILE SIGN LOCATED ON WALL ADJACENT TO LATCH SIDE OF DOOR.

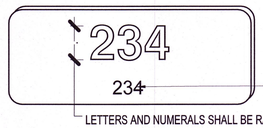


DOUBLE DOORS:
SINGLE ACTIVE LEAF: TACTILE SIGN LOCATED ON INACTIVE LEAF.
DOUBLE ACTIVE LEAFS: TACTILE SIGN LOCATED TO THE RIGHT OF THE RIGHT HAND LEAF.

ON INACTIVE LEAF

AT DOUBLE ACTIVE LEAFS

SIGNAGE FOR PERMANENT ROOMS AND SPACES



CORRESPONDING GRADE II BRAILLE

LETTERS AND NUMERALS SHALL BE RAISED 1/32", UPPER CASE, SANS SERIF TYPE AND SHALL BE ACCOMPAINED WITH GRADE II BRAILLE.
RAISED CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2"

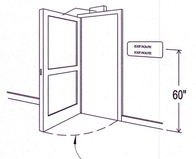
LITERARY BRAILLE STANDARD DIMENSIONS:

DOT DIAMETER .059 INCHES

INTER-DOT SPACING .090 INCHES

HORIZONTAL SEPARATION BETWEEN CELLS .241 INCHES

VERTICAL SEPARATION BETWEEN CELLS .395 INCHES

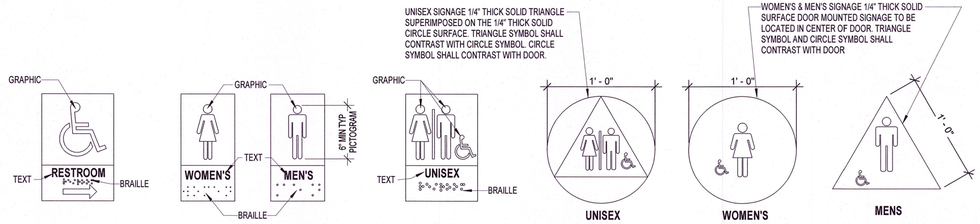


TACTILE EXIT SIGNS

TACTILE EXIT SIGNS SHALL BE REQUIRED AT FOLLOWING LOCATIONS (WHEN REQUIRED):

1. EACH GRADE-LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD, "EXIT"
2. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
   A. "EXIT STAIR DOWN"
   B. "EXIT RAMP DOWN"
   C. "EXIT STAIR UP"
   D. "EXIT RAMO UP"
3. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE"
4. EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE"
5. EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS, "TO EXIT"
6. DOOR AT FIRE RISER ROOM SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS, "FIRE RISER ROOM".

RESTROOM SIGNS



WALL SIGNS

DOOR SIGNS

TACTILE SIGN:
1. TO BE PROVIDED ON WALL @ LATCH SIDE OF EACH RESTROOM DOOR. SEE CBC 11B-703 FOR CHARACTER AND BRAILLE REQUIREMENTS.
2. GRAPHIC SYMBOLS ARE OPTIONAL FOR THIS SIGN AND SHOULD BE COORDINATED WITH THE OWNER.
3. EDGES OF SIGNS SHALL BE RADIUSED AT 1/16" MINIMUM, OR, CHAMFERED AT 1/8" MAXIMUM. VERTICES SHALL BE RADIUSED BETWEEN 1/8" MINIMUM AND 14" MAXIMUM.

DOOR SIGN NOTES:
1. PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY ONLY IF NON-ACCESSIBLE RESTROOMS ARE PRESENT ELSEWHERE.
2. CENTER SIGN ON DOOR AT BETWEEN 58" TO 60" ABOVE FLOOR TO CENTER OF SIGN.
3. "MAN" AND "WOMAN" GRAPHIC IS SUGGESTED FOR CLARITY

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JOB NO.	022-0199.00000
DESIGN	A.J.
DRAWN	L.E. & LL

REVISIONS

#	DATE	DESCRIPTION
1	11/12/24	COMMENT LETTER DATED 7/25/2024
2	04/17/25	COMMENT LETTER DATED 2/10/2025

1198 N. IMPERIAL AVE., SUITE D
EL CENTRO, CA 92243

City El Centro Valley Center Point Plaza

ALAN W. JORGENSEN
C-31291
Renewal Date: 8/31/2026
LICENSED ARCHITECT
STATE OF CALIFORNIA
Signed: 4/17/2025

ACCESSIBILTY DETAILS & NOTES

G-0.3

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION, OR PUBLICATION BY ANY METHOD, IN WHOLE OR PART IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS WITH THE ENGINEER WITHOUT PREJUDICE. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

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APPLICABLE CODES

THIS PROJECT IS DESIGNED TO COMPLY WITH THE FOLLOWING CODES INCLUDING ALL LOCALLY ADOPTED ORDINANCES AND AMENDMENTS:

PARTIAL LIST OF APPLICABLE CODES

- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS
- 2022 CALIFORNIA EXISTING BUILDING CODE (BASED ON 2021 IEBC)
- 2022 CALIFORNIA BUILDING CODE (BASED ON 2021 IBC)
- 2022 CALIFORNIA ELECTRICAL CODE (BASED ON 2020 NEC)
- 2022 CALIFORNIA MECHANICAL CODE (BASED ON 2021 IMC)
- 2022 CALIFORNIA FIRE CODE (BASED ON 2021 IFC)
- 2022 CALIFORNIA PLUMBING CODE (BASED ON 2021 IPC)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)

CODE ANALYSIS

PROJECT DESCRIPTION
THE PROPOSED PROJECT CONSISTS OF DEMOLISHING THREE EXISTING BUILDING STRUCTURES AND LEAVING ONE BUILDING. THE BUILDING THAT WILL REMAIN IS SEPARATED BY A PROPERTY LINE THAT GOES THROUGH THE BUILDING. THE SCOPE OF WORK IS TO SEPARATE THE UTILITIES FOR THE FUTURE TENANT SPACE, SO THAT THE SPACE IS FED SEPARATELY WITH UTILITIES.

OCCUPANCY CLASSIFICATION
SECTION 304 – BUSINESS GROUP B - FUTURE TENANT SPACE
SECTION 305 – EDUCATIONAL GROUP E - CHARTER SCHOOL (ADJACENT PROPERTY)

CONSTRUCTION TYPE (CBC TABLE 601)
TYPE IIB CONSTRUCTION

ALLOWABLE BUILDING HEIGHTS AND AREAS (CBC TABLE 506.2)
B: ALLOWABLE AREA = 92,000 S.F.
ALLOWABLE AREA (EQUATION 5-3) = [92,000 + (23,000 X .75)]
= 109, 250 S.F.
ACTUAL AREA= 13,256 S.F.

E: ALLOWABLE AREA = 58,000 S.F. (ADJACENT PROPERTY)
ALLOWABLE AREA (EQUATION 5-3) = [58,000 + (14,500 X .75)]
=68,875 S.F.
ACTUAL AREA= 51,169 S.F.

ALLOWABLE AREA RATIOS: .12 + .74 = .86 < 1

ALLOWABLE HEIGHT = 3 STORIES / 75 FEET
ACTUAL= 1 STORY/26 FEET

SEPARATED OCCUPANCIES (TABLE 508.4)
OCCUPANCY E AND B REQUIRE 1 HOUR SEPARATION. EXISTING PARTY WALL IS RATED.

FIRE RESISTIVE CONSTRUCTION: (TABLE 601)
TYPE IIB CONSTRUCTION
PRIMARY STRUCTURAL FRAME - 0 HOUR
BEARING WALLS EXTERIOR - 0 HOUR
BEARING WALLS INTERIOR - 0 HOUR
NONBEARING WALLS & PARTITIONS - INTERIOR - 0 HOUR
FLOOR CONSTRUCTION - 0 HOUR
ROOF CONSTRUCTION - 0 HOUR

FIRE SEPARATION: (TABLE 602)
X< 5 = 1 HOUR
5≤ X < 10 = 1 HOUR
10 ≤ X < 30 = 0 HOUR
30 < X = 0 HOURS

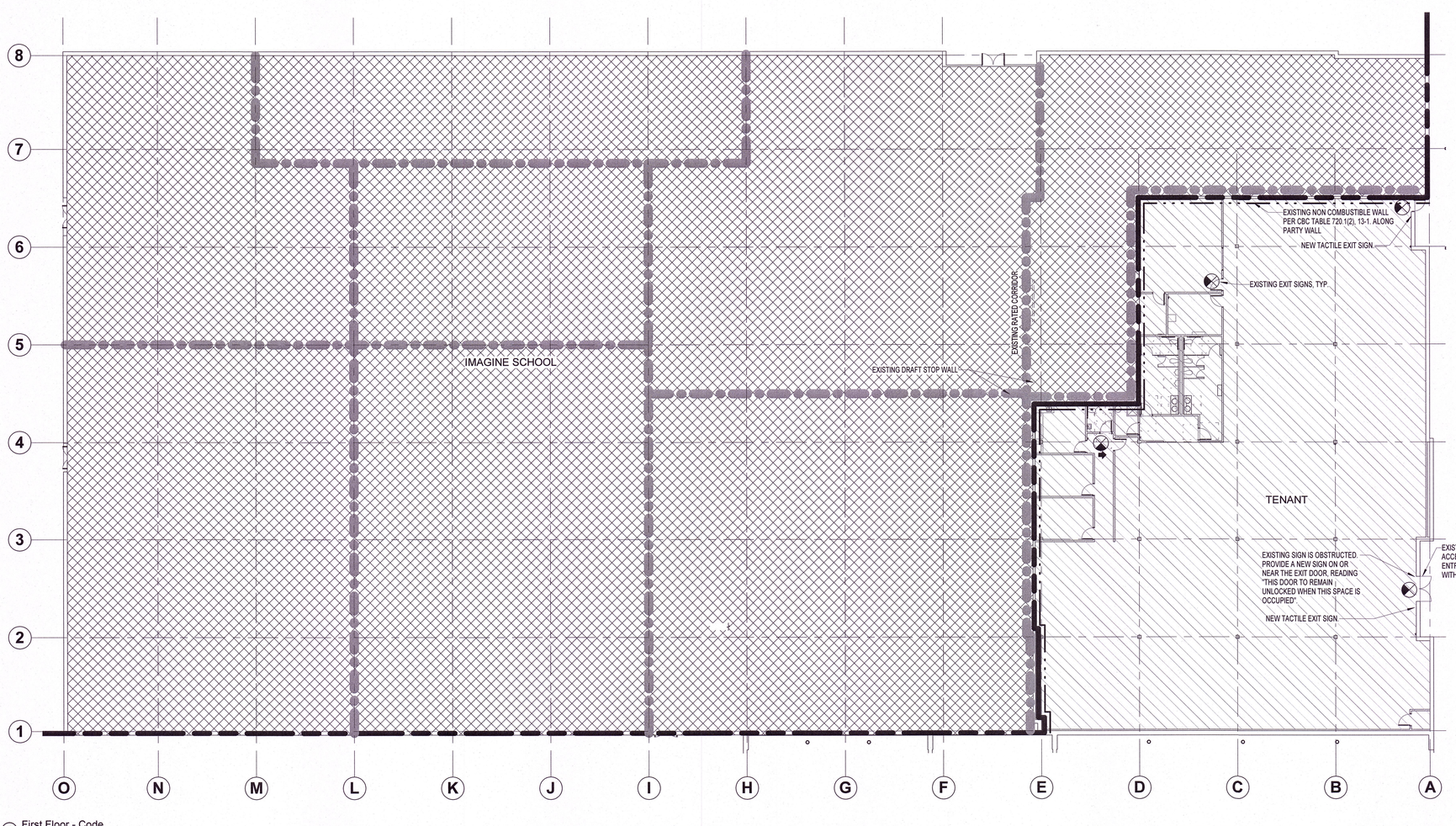
2

ANY WALL LOCATED ON A LOT LINE BETWEEN ADJACENT BUILDINGS, WHICH IS USED OR ADAPTED FOR JOINT SERVICE BETWEEN THE TWO BUILDINGS, SHALL BE CONSTRUCTED AS A FIRE WALL IN ACCORDANCE WITH SECTION 706. PARTY WALLS SHALL BE CONSTRUCTED WITHOUT OPENINGS AND SHALL CREATE SEPARATE BUILDINGS.
EXCEPTION 2:
PARTY WALLS AND FIRE WALLS ARE NOT REQUIRED ON LOT LINES DIVIDING A BUILDING FOR OWNERSHIP PURPOSES WHERE THE AGGREGATE HEIGHT AND AREA OF THE PORTIONS OF THE BUILDING LOCATED ON BOTH SIDES OF THE LOT LINE DO NOT EXCEED THE MAXIMUM HEIGHT AND AREA REQUIREMENTS OF THIS CODE. FOR THE BUILDING OFFICIAL'S REVIEW AND APPROVAL, THE OFFICIAL SHALL BE PROVIDED WITH COPIES OF DEDICATED ACCESS EASEMENTS AND CONTRACTUAL AGREEMENTS THAT PERMIT THE OWNERS OF PORTIONS OF THE BUILDING LOCATED ON EITHER SIDE OF THE LOT LINE ACCESS TO THE OTHER SIDE FOR PURPOSES OF MAINTAINING FIRE AND LIFE SAFETY SYSTEMS NECESSARY FOR THE OPERATION OF THE BUILDING.

EXCEPTION #2 WILL BE UTILIZED FOR THIS PROJECT.

GREEN BUILDING CODE REQUIREMENTS

1. **WASTE MANAGEMENT.** THE CONTRACTOR MUST SUBMIT TO THE ENGINEERING DEPARTMENT OR OTHER AGENCY THAT REGULATES CONSTRUCTION WASTE MANAGEMENT A WASTE MANAGEMENT PLAN THAT OUTLINES THE ITEMS LISTED IN CGC SECTION 5.408.1.1.
2. **RECYCLING.** A MINIMUM OF 65% OF CONSTRUCTION WASTE IS TO BE RECYCLED AND/OR SALVAGED. CGC 5.408.1. DOCUMENTATION SHALL BE PROVIDED TO THE ENFORCING AGENCY WHICH DEMONSTRATES COMPLIANCE. CGC SECTION 5.408.1.4.
3. **WASTE REDUCTION.** 100% OF TREES, STUMPS, ROCKS, AND ASSOCIATED VEGETATION AND SOILS PRIMARILY FROM THE CONSTRUCTION WILL BE REUSED OR RECYCLED. CGC 5.408.3.
4. **RECYCLING.** AN IDENTIFIED, READILY ACCESSIBLE AREA SHALL BE PROVIDED THAT SERVES THE ENTIRE BUILDING FOR COLLECTING RECYCLING, SUCH AS PAPER, CARDBOARD, GLASS, PLASTICS, METALS, ETC. CGC SECTION 5.410.1.
5. **POLLUTANT CONTROL.** NOTE ON THE PLANS THAT DURING CONSTRUCTION, ENDS OF DUCT OPENINGS ARE TO BE SEALED, AND MECHANICAL EQUIPMENT IS TO BE COVERED. CGC 5.504.3.
6. **POLLUTANT CONTROL.** VOC'S MUST COMPLY WITH THE LIMITATIONS LISTED IN SECTION 5.504.4 AND TABLES 4.504.1, 5.504.4.1 5.504.4.2, 5.504.4.3 AND 5.504.4.5 FOR: ADHESIVES, SEALANTS, PAINTS AND COATINGS, CARPET AND COMPOSITION WOOD PRODUCTS. CGC 5.504.4.
7. PRIOR TO FINAL INSPECTION THE LICENSED CONTRACTOR, ARCHITECT OR ENGINEER IN RESPONSIBLE CHARGE OF THE OVERALL CONSTRUCTION MUST PROVIDE TO THE BUILDING DEPARTMENT OFFICIAL WRITTEN VERIFICATION THAT ALL APPLICABLE PROVISIONS FROM THE GREEN BUILDING STANDARDS CODE HAVE BEEN IMPLEMENTED AS PART OF THE CONSTRUCTION. CGC 102.3.



1 First Floor - Code
1/16" = 1'-0"

FIRE CODE REQUIREMENTS

2

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT, IMPLEMENTATION AND MAINTENANCE OF AN APPROVED, WRITTEN SITE SAFETY PLAN. AS BUILDING CONTAINS FIRE SPRINKLER AND FIRE ALARM SYSTEMS, CLEARLY DEMONSTRATE HOW FALSE ALARMS WILL BE MITIGATED DURING THE DEMOLITION AND CONSTRUCTION PHASES PER CFC §3303, §3315.
2. WHERE A REQUIRED FIRE PROTECTION SYSTEM IS OUT OF SERVICE, THE FIRE DEPT. AND FIRE CODE OFFICIAL SHALL BE NOTIFIED IMMEDIATELY AND, WHERE REQUIRED BY THE FIRE CODE OFFICIAL, THE BUILDING SHALL BE EITHER EVACUATED OR AN APPROVED FIRE WATCH SHALL BE PROVIDED FOR ALL OCCUPANTS LEFT UNPROTECTED BY THE SHUTDOWN UNTIL THE FIRE PROTECTION SYSTEM HAS BEEN RETURNED TO SERVICE PER CFC §901.7. DURING IMPLEMENTATION OF DEMOLITION IN THIS BUILDING DUE TO SERVICE INTERRUPTION TO EXISTING BUILDING'S FIRE ALARM, FIRE SPRINKLER AND FIRE PUMP SYSTEMS, CONTRACTOR SHALL FOLLOW CFC §901.7 THROUGH §901.7.6 & §3303.
3. CONTRACTOR SHALL PROVIDE A DETAILED SITE FIRE SAFETY PLAN FOR DEMOLITION AND CONSTRUCTION PERIOD. INDICATE ON PLANS WHETHER THE EXISTING SURROUNDING FACILITIES WILL BE USED BY PUBLIC AND ADJACENT TENANT SPACES OCCUPANTS DURING THIS DEMOLITION AND CONSTRUCTION PHASE AND SHOW HOW THEY WILL BE PROTECTED FROM ALL CONSTRUCTION AND DEMOLITION PROCESSES BOTH INTERIOR AND EXTERIOR OF THE BUILDING PER 2022 CFC §1032, §3303, & §3312.
4. CONTRACTOR SHALL PROVIDE A BUILDING DEMOLITION FIRE SAFETY PLAN FOR APPROVAL BY THE CITY OF EL CENTRO FIRE CHIEF/MARSHAL INDICATING THE FOLLOWING: EXISTING APPROVED FIRE LANE CIRCUMNAVIGATING THE BUILDING/SITE; EXTERIOR FIRE HYDRANTS; FIRE DEPARTMENT CONNECTIONS (FDCS); FIRE BACKFLOW AND POST INDICATOR VALVES (PIVS); ALL EXITS IN SCOPE OF WORK AREAS & ALTERNATE TEMPORARY EXITS DURING CONSTRUCTION; PORTABLE FIRE EXTINGUISHERS; FIRE SPRINKLER RISER AND CONTROL VALVE LOCATIONS; FIRE ALARM PANEL; ETC. SEE 2019 NFPA 241 AND 2022 CFC CH. 33 FOR FURTHER REQUIREMENTS.
5. CONTRACTOR SHALL SHOW THE LOCATIONS OF AND CLEARLY DEMONSTRATE HOW ALL REQUIRED SITE FIRE HYDRANTS, SITE AND BUILDING FIRE ACCESS AND FIRE APPARATUS ROADWAYS WILL BE MAINTAINED DURING SITE DEMOLITION AND CONSTRUCTION PERIODS. SHOW ALL PROJECT CONSTRUCTION MATERIAL STAGING LOCATIONS, SITE SECURITY FENCING, STORAGE AREAS AND WASHOUT/REFUSE/RUBBISH BIN/DUMPSTER LOCATIONS PER 2022 CFC § 3305, §3311, §3312, §3313, §3316 AND 2019 NFPA 241.

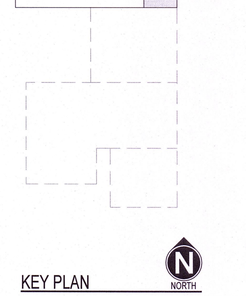
NOTE

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"THESE SHEETS ARE NOT APPROVED FOR THE DEMOLITION, RELOCATION, REMOVAL, MODIFICATION OR INSTALLATION OF ANY FIRE ALARM, FIRE PROTECTION UNDERGROUND OR FIRE SPRINKLER/SUPPRESSION COMPONENTS. IF ANY FIRE ALARM OR FIRE SPRINKLER /SUPPRESSION WORK IS REQUIRED FOR THIS SCOPE, A SEPARATE SUBMITTAL TO THE CITY OF EL CENTRO FIRE DEPARTMENT FOR REVIEW AND APPROVAL IS REQUIRED BY THE INSTALLING C-10 /C-16 LICENSED CONTRACTOR PRIOR TO ANY DEMOLITION, MODIFICATION OR INSTALLATION OF ANY FIRE PROTECTION COMPONENTS"

LEGEND

- OCCUPANCY E
- OCCUPANCY B
- PROPERTY LINE
- DRAFT STOP WALL
- FIRE WALL



KEY PLAN

NICKLAUS ENGINEERING, INC.
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(928) 344-8374
www.neiaz.com

JOB NO.	022-0199.00000
DESIGN	A.J.
DRAWN	L.E. & LL

REVISIONS

#	DATE	DESCRIPTION
1	11/12/24	COMMENT LETTER DATED 7/25/2024
2	04/17/25	COMMENT LETTER DATED 2/10/2025

1195 N. IMPERIAL AVE., EL CENTRO, CA 92243

City El Centro Valley Center Point Plaza

LICENSED ARCHITECT
ALAN W. JORGENSEN
C-31291
Renewal Date: 8/31/2026
STATE OF CALIFORNIA
Signed: 4/7/2025

CODE DATA PLAN

G-1.1

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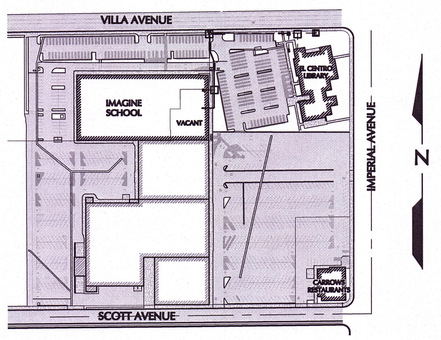
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VALLEY CENTER POINT PLAZA

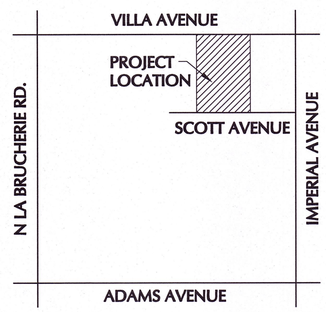
EL CENTRO, CA

LEGEND

EXISTING RIGHT OF WAY	EXISTING BUILDING TO REMAIN
PROPERTY LINE	EXISTING BUILDING TO BE DEMOLISHED
EX. W	EXISTING WATER LINE	NEW ABC SHOULDER
EX. SS	EXISTING SEWER LINE	REMOVAL AREA
EX. OHE	EXISTING OVERHEAD ELECTRIC LINE	ALTERNATE BID ITEM
EX. UGE	EXISTING UNDERGROUND ELECTRIC LINE	
EX. G	EXISTING GAS LINE	EXISTING SIGN
EX. F	EXISTING FIRE LINE	SMH EXISTING SEWER MANHOLE
EXISTING STRIPING	WV EXISTING WATER VALVE
EX. FO	EXISTING DATA FIBER CONDUIT	EXISTING WATER BACK FLOW PREVENTOR
COMM COMM	NEW COMMUNICATION LINE	EXISTING FIRE HYDRANT
UGE UGE	NEW UNDERGROUND ELECTRIC LINE	EXISTING LIGHT POLE
EXISTING ASPHALT PAVEMENT	F.F.-958.75 NEW FINISH FLOOR ELEVATION
EXISTING CONCRETE	G.B.-957.00 NEW GRADE BREAK ELEVATION
NEW CONCRETE (SIDEWALK, V.C.&G.)	+1910.13 EXISTING GROUND ELEVATION
NEW CONCRETE (PARKING LOT)	+A 956.38 EXISTING ASPHALT ELEVATION
NEW ASPHALT	+CONC 956.49 EXISTING CONCRETE ELEVATION



LOCATION MAP
SCALE: 1"=200'



VICINITY MAP
NTS

GENERAL NOTES

1. **UTILITIES**
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT USA NORTH 811 DIAL 8-1-1 OR 800-642-2444 FOR A LOCATE OF CONSTRUCTION AREA UNDERGROUND UTILITIES. CONTRACTOR SHALL ALLOW 72 HOURS BEFORE ANY EXCAVATION BEGINS. OMISSION FROM, OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF, OR A DEFINITE LOCATION OF, EXISTING UNDERGROUND UTILITIES. THE LOCATION OF UNDERGROUND UTILITIES ILLUSTRATED ON THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR DAMAGED UTILITIES.

2. **DUST CONTROL**
THE CONTRACTOR SHALL MAKE SPECIAL EFFORTS TO CONTROL DUST DURING THE PROCESS OF THE WORK. DUST SHALL BE CONTROLLED TO A MINIMUM BY REGULAR APPLICATIONS OF WATER AS NECESSARY OR AS DIRECTED BY THE ENGINEER. CONTRACTOR TO CONDUCT STREET SWEEPING AS NEEDED REMOVE CONSTRUCTION DEBRIS. INCREASE FREQUENCY IF DEBRIS ARE NOTICEABLE WITHIN THE TRAVELED WAY OR AS DIRECTED BY THE ENGINEER.

3. **BARRICADES**
CONTRACTOR SHALL PROVIDE LIGHTED BARRICADES POSITIONED ON FOUR FOOT CENTERS AROUND THE PERIMETER OF OPEN EXCAVATIONS AT THE CONCLUSION OF THE WORK DAY. TWO STRANDS OF BARRIER TAPE SHALL BE TIED AROUND THE BARRICADED AREA.

4. **CLEANUP**
THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL UNCLASSIFIED EXCAVATION MATERIAL, EXISTING PAVEMENT, CONCRETE DEBRIS AND ALL OTHER MATERIAL RESULTING FROM DEMOLITION ACTIVITIES.

5. **PERMITS**
THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND BUSINESS LICENSES AND SHALL NOTIFY THE CITY OF EL CENTRO AT LEAST 72 HOURS PRIOR TO COMMENCING WORK AND AT LEAST 48 HOURS PRIOR TO REQUIRING AN INSPECTION.

6. **SANITARY FACILITIES**
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SANITARY FACILITIES ON THE LOCALE OF THE PROJECT FOR USE BY THE CONTRACTOR'S EMPLOYEES.

7. **TRAFFIC CONTROL**
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND MAINTAIN PROPER SIGNS, BARRICADES AND WARNING LIGHTS TO CONTROL THE TRAFFIC AND TO ASSURE THE PUBLIC'S HEALTH, WELFARE AND SAFETY. ALL DEVICES MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

8. **ACCESS TO ADJACENT PROPERTY**
ACCESS TO ADJACENT PROPERTIES, CROSS STREETS OR USE OF STREETS SCHEDULED FOR IMPROVEMENT MUST BE REASONABLY MAINTAINED FOR NORMAL ACCESS AND LOCAL RESIDENTS.

9. **MONUMENTS**
ANY SURVEY MONUMENT DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN ACCORDANCE WITH THE CITY OF EL CENTRO STANDARD DETAILS BY THE CONTRACTOR AT NO EXTRA COSTS. CONTRACTOR TO UTILIZE A REGISTERED LAND SURVEYOR TO ASSURE PROPER PLACEMENT OF SAID MONUMENT. CONTRACTOR SHALL FILE A PRE-CONSTRUCTION SURVEY MONUMENT PRESERVATION FORM WITH CITY OF EL CENTRO.

10. **TRAFFIC CONTROL PLAN**
THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY OF EL CENTRO FOR APPROVAL IN ORDER TO OBTAIN AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION WORK THAT WILL AFFECT A PUBLIC RIGHT OF WAY. THE PLAN WILL BE A CONTINUING PROGRAM TO PROVIDE AND MAINTAIN PROPER SIGNS, BARRICADES AND WARNINGS LIGHTS TO CONTROL THE TRAFFIC, AND TO ASSURE THE PUBLIC'S HEALTH, WELFARE AND SAFETY. ALL DEVICES MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE TRAFFIC CONTROL PLAN MUST INCLUDE ALL DETOUR ROUTES. A SEPARATE TRAFFIC CONTROL PLAN MUST BE SUBMITTED FOR EACH DIFFERENT TRAFFIC CONTROL SITUATION AT LEAST SEVEN (7) CALENDAR DAYS PRIOR TO PLANNED IMPLEMENTATION. THE CONTRACTOR SHALL NOTIFY THE CITY'S TRAFFIC CONTROL TECHNICIAN (760-337-5182) 48 HOURS BEFORE IMPLEMENTING TRAFFIC CONTROL CHANGES SO THE CITY MAY NOTIFY EMERGENCY SERVICES. THE TRAFFIC CONTROL PLAN MUST BE PREPARED BY AND IMPLEMENTED UNDER THE ON-SITE SUPERVISION OF A PERSON CERTIFIED AS A TRAFFIC CONTROL SUPERVISOR BY ATSSA OR IMSA.

11. **WORK ZONE IDENTIFICATION**
PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK ZONE IDENTIFICATION SIGN DETAIL FOR APPROVAL.

12. **AS-BUILT DRAWINGS**
THE CONTRACTOR SHALL MAINTAIN ONE CLEAN SET OF PROJECT PLANS ON THE JOB SITE AND SHALL RECORD IN RED COLORED PENCIL ALL CASES WHERE ACTUAL FIELD CONSTRUCTION DIFFERS FROM WORK SHOWN ON THE PLANS. ALL CONCEALED WORK AND UTILITY LOCATIONS SHALL BE DIMENSIONED AND REFERENCED. THE MARKED-UP SET OF DRAWINGS SHALL BE DELIVERED TO THE CITY OF EL CENTRO UPON COMPLETION OF THE WORK WHICH SHALL REFLECT "AS-BUILT" MODIFICATIONS.

13. **SIGNS**
STOP SIGNS, YIELD SIGNS AND ALL OTHER TRAFFIC CONTROL SIGNS SHALL BE MOVED IF NECESSARY DURING THE CONSTRUCTION PROCESS AND BE REPOSITIONED TEMPORARILY IN A LOCATION DETERMINED BY THE ENGINEER. STOP SIGNS AND YIELD SIGNS SHALL NOT BE TAKEN OUT OF SERVICE BUT RATHER RELOCATED IN A VISIBLE LOCATION. OTHER SIGN SHALL BE STORED BY THE CONTRACTOR DURING THE CONSTRUCTION PHASE OF THE PROJECT. AT THE CONCLUSION OF THE PROJECT ALL SIGNS SHALL BE POSITIONED IN A PERMANENT LOCATION AS DETERMINED BY THE ENGINEER. STOP SIGNS AND STREET NAME SIGNS ARE TO BE POSITIONED AT INTERSECTIONS AS ILLUSTRATED ON THE PLANS.

14. **POWER LINES**
THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH OVERHEAD ELECTRIC LINE CONDITIONS AND TAKE NECESSARY PRECAUTIONS TO PROTECT AGAINST INJURY AND DAMAGE DURING CONSTRUCTION.

15. **CHANGES**
THE CONTRACTOR SHALL NOTIFY THE CITY OF EL CENTRO AND THE ENGINEER IMMEDIATELY OF ANY CONDITIONS REQUIRING CHANGE TO THE PLANS.

16. **CONSTRUCTION STAKING**
CONSTRUCTION STAKING SHALL BE DONE UNDER THE SUPERVISION OF A REGISTERED ENGINEER OR REGISTERED LAND SURVEYOR.

17. **SPECIFICATIONS**
ALL MATERIALS AND CONSTRUCTION HEREON SHALL CONFORM TO CITY OF EL CENTRO STANDARD SPECIFICATIONS AND CONSTRUCTION STANDARDS.

18. ANY ITEM OF WORK CALLED OUT BY THE CONTRACT PLANS OR SPECIFICATIONS AND NOT SPECIFICALLY NOTED AS A BID ITEM ON THE PROPOSAL SHALL BE CONSIDERED INCIDENTAL TO SAID BID ITEM.

19. ALL MATERIAL SUPPLIED MUST BE SUBMITTED AS "SUBMITTALS FOR CONSTRUCTION".

GRADING NOTES

1. CLEAN ALL CONSTRUCTION DEBRIS ENTIRELY FROM SITE AFTER CONSTRUCTION AND DRESS BACK OF ALL IMPROVEMENTS.
2. MAINTAIN A SAFE AND ORGANIZED TRAFFIC CONTROL PLAN AT ALL TIMES DURING CONSTRUCTION – SUBMIT TO CITY ENGINEER FOR APPROVAL.
3. ALL IMPROVEMENTS SHALL MEET OR EXCEED CITY OF EL CENTRO CONSTRUCTION STANDARDS.

NOTE

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2

DEMOLITION NOTES

1. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING UTILITIES AND MAKE NECESSARY ARRANGEMENTS PRIOR TO DEMOLITION.
2. DEMOLITION CONTRACTOR SHALL LEAVE THE SITE COMPLETELY CLEAN AND READY FOR NEW CONSTRUCTION.
3. CONTRACTOR SHALL PROCURE ALL NECESSARY DEMOLITION PERMITS PRIOR TO DEMOLITION.
4. IT IS THE CONTRACTORS RESPONSIBILITY TO FIND AND PROTECT ALL PERTINENT EXISTING UTILITIES. WHERE APPLICABLE, ALL EXISTING VALVES AND MANHOLE COVERS SHALL BE ADJUSTED TO FINISHED GRADE.
5. ALL ASBESTOS CONTAINING MATERIAL (ACM) IDENTIFIED IN THE PRE-RENOVATION/ DEMOLITION SURVEY PREPARED BY PARTNER ENGINEERING AND SCIENCE, INC. DATED OCTOBER 11, 2017, SHALL BE REMOVED PRIOR TO THE START OF DEMOLITION BY LICENSED ABATEMENT CONTRACTOR IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. IF ANY MATERIAL IS DISCOVERED THAT HAS NOT BEEN SAMPLED AND IDENTIFIED IN THE PRE-RENOVATION/DEMOLITION SURVEY, CONTACT STATE FOR EVALUATION.
6. UPON DISCOVERY OF UNANTICIPATED ASBESTOS OR A HAZARDOUS SUBSTANCE, IMMEDIATELY STOP WORKING IN THE AREA OF DISCOVERY:
   1.) YOU REASONABLY BELIEVE THE SUBSTANCE IS ASBESTOS AS DEFINED IN LABOR CODE 6501.7 OR A HAZARDOUS SUBSTANCE AS DEFINED IN HEALTH & SAFETY CODE 25316 AND 25317.
   2.) ITS PRESSENCE IS NOT DESCRIBED IN THE PLANS.
   3.) THE SUBSTANCE HAS NOT BEEN MADE HARMLESS.
7. DETERIORATED WOODENPOLES HAVE BEEN TREATED WITH PRESERVING CHEMICALS THAT MAY CONTAIN HAZARDOUS CONCENTRATIONS OF ARSENIC, CHROMIUM, COPPER, CREOSOTE AND PENTACHLOROPHENOL. CLASS I LANDFILL WHICH IS SPECIFICALLY PERMITTED TO ACCEPT THIS TYPE OF HAZARDOUS WASTE.
8. HANDLE, STORE, AND DISPOSAL OF HAZARDOUS WASTE MATERIAL SHALL BE IN ACCORDANCE WITH CALIFORNIA CODE OF REGULATIONS, TITLE 22, DIVISION 4.5. SEE DEMOLITION NOTE 7
9. CAP-OFF AND ABANDON ANY UNUSED SEWER LATERAL CONNECTIONS THAT MAY BE FOUND DURING CONSTRUCTION.
10. USE 3M BALL MARKER OR APPROVED EQUAL FOR APPROPRIATE UTILITY ABOVE THE CAP AND NO MORE THAN 5' BELOW FINISHED GRADE PER MANUFACTURE SPECIFICATIONS.

ABBREVIATIONS

APN	ASSESSOR PARCEL NUMBER
B.C.	BRASS CAP
BLDG.	BUILDING
CMU	CONCRETE MASONRY UNIT
CONC.	CONCRETE
COR.	CORNER
EX.	EXISTING
FND.	FOUND
G.B.	GRADE BREAK
GRD	GROUND
H.C.	HANDICAP
H.H.	HANDHOLE
L.S.	LAND SURVEYOR
(M)	MEASURED DATA
R/W	RIGHT OF WAY
SEC.	SECTION
S/W	SIDEWALK
TYP.	TYPICAL
VC&G	VERTICAL CURB & GUTTER
W/	WITH

SHEET INDEX

C-1	COVER, SHEET INDEX, LEGEND & GENERAL NOTES
C-2	DEMOLITION PLAN
C-3	GRADING PLAN
C-4	UTILITY PLAN
C-5	CONSTRUCTION DETAILS
C-6	CONSTRUCTION DETAILS

NAME & ADDRESS OF OWNER

CITY EL CENTRO
1275 W. MAIN STREET
EL CENTRO, CA 92243

PROJECT ADDRESS

VALLEY CENTER POINT PLAZA
1198 N. IMPERIAL AVENUE
EL CENTRO, CA 92243
APN: 064-470-109

ENGINEER

NICKLAUS ENGINEERING INC.
ANTONIO ALVAREZ, PE
1851 W. 24TH STREET #101
YUMA, AZ 85364

ARCHITECT

ALAN JORGENSEN, NICKLAUS ENGINEERING INC.
FRANCISCO LEYVA
1851 W. 24TH STREET #101
YUMA, AZ 85364

BENCHMARK

PROJECT BENCHMARK DESIGNATION: A612 RESET PID – DB0709

BENCHMARK IS A SURVEY DISK, STAMPED "A 612 RESET 1947", SET IN CONCRETE HEADWALL OF CULVERT UNDER IMPERIAL AVENUE, 56.8 FT NORTH OF NORTH RAIL OF SAN DIEGO AND ARIZONA EASTERN RAILWAY, 32 FT EAST OF THE CENTER LINE OF THE EAST LANES OF THE IMPERIAL AVENUE.

PUBLISHED ELEVATION: -40.49 FT
PROJECT ELEVATION = 1000 FT – 40.49 FT = 959.51 FT

AN ON-SITE BENCHMARK TO BE ESTABLISHED AS NECESSARY FOR CONSTRUCTION.

FLOOD ZONE

FLOOD DESIGNATION "X" PER FEMA INSURANCE RATE MAP, MAP NUMBER 06025C1725C, EFFECTIVE DATE SEPTEMBER 26, 2008.

ZONE "X" MEANS AREA OF MINIMAL FLOOD HAZARD.

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT (PLANS DESCRIBED ON THE SHEET INDEX SHOWN ON THIS SHEET), THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF EL CENTRO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

NICKLAUS ENGINEERING, INC.
1851 W. 24TH STREET #101
YUMA, AZ 85364
PH. (928)-344-8374

4/9/2025
ANTONIO ALVAREZ, P.E. DATE
REG. NO.C79509
EXP. 03/31/2026

REGISTERED PROFESSIONAL ENGINEER
ANTONIO ALVAREZ
4/9/2025
NO. C79509
CIVIL
STATE OF CALIFORNIA

VALLEY CENTER POINT PLAZA

COVER SHEET, SHEET INDEX, LEGEND & GENERAL NOTES

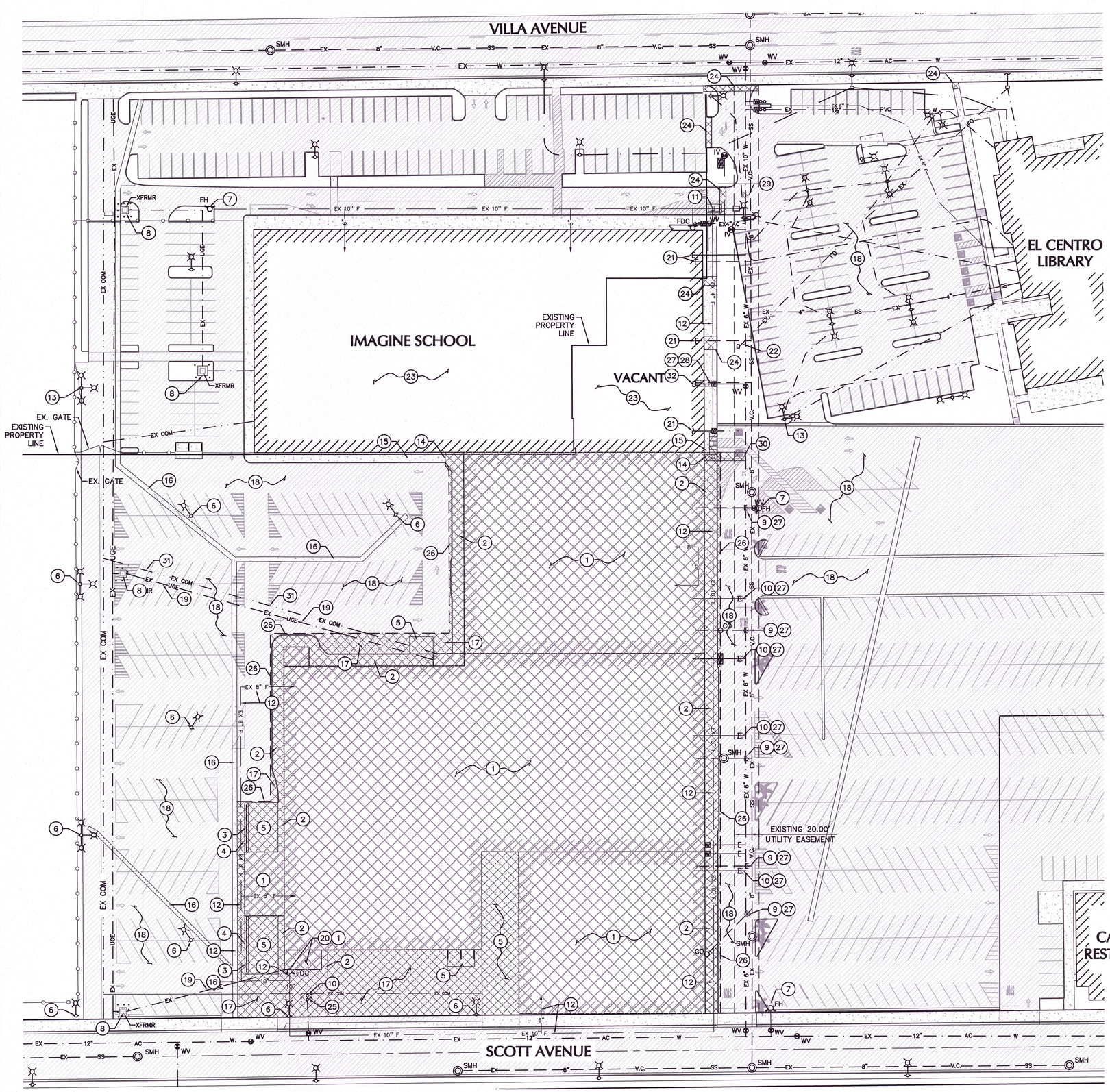
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SHEET	1 OF 6

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C-1

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SCHEDULE OF WORK

1. 1A – REMOVE AND PROPERLY DISPOSE OF EXISTING BUILDING STRUCTURE AND APPURTENANCES. PROTECT IN PLACE EXISTING BUILDING SLAB. SEE ARCHITECTURAL PLANS FOR LIMITS OF REMOVAL.
   ALTERNATE BID ITEM:
   1B – REMOVE AND PROPERLY DISPOSE OF EXISTING BUILDING SLAB. SEE ARCHITECTURAL PLANS FOR LIMITS OF REMOVAL.
2. REMOVE AND PROPERLY DISPOSE OF EXISTING CONCRETE SIDEWALK.
3. REMOVE AND PROPERLY DISPOSE OF EXISTING CMU WALL.
4. REMOVE AND PROPERLY DISPOSE OF EXISTING CONCRETE VERTICAL CURB & GUTTER.
5. REMOVE AND PROPERLY DISPOSE OF EXISTING CONCRETE SLAB.
6. REMOVE AND PROPERLY DISPOSE OF EXISTING LIGHT POLE, BASE, AND FOUNDATION.
7. EXISTING FIRE HYDRANT TO REMAIN IN PLACE.
8. EXISTING ELECTRIC TRANSFORMER/SWITCH CABINET, SEE ELECTRICAL (SHEET E–1.1)
9. CAP–OFF AND ABANDON EXISTING SEWER LINE AT SEWER MAIN.
10. CAP–OFF AND ABANDON EXISTING WATER LINE AT WATER MAIN.
11. CAP–OFF EXISTING FIRE LINE.
12. EXISTING FIRE LINE TO BE ABANDONED IN PLACE.
13. EXISTING LIGHT POLE TO REMAIN IN PLACE.
14. SAWCUT EXISTING CONCRETE.
15. EXISTING CONCRETE SIDEWALK TO REMAIN IN PLACE.
16. PROTECT IN PLACE EXISTING CONCRETE.
17. REMOVE AND PROPERLY DISPOSE EXISTING ASPHALT PAVEMENT.
18. PROTECT IN PLACE EXISTING ASPHALT SURFACE.
19. EXISTING ELECTRICAL CONDUIT. SEE ELECTRICAL SHEET E1.1
20. REMOVE AND PROPERLY DISPOSE EXISTING FIRE PUMP ROOM AND EQUIPMENT.
21. PROTECT IN PLACE EXISTING WATER/SEWER SERVICE.
22. PROTECT IN PLACE EXISTING DATA FIBER CONDUIT.
23. EXISTING BUILDING TO REMAIN.
24. REMOVE AND REPLACE EXISTING SIDEWALK, AC PAVEMENT AND EXCAVATE AS NEEDED FOR NEW CONSTRUCTION. SEE ELECTRICAL PLAN, SHEET E–1.1
25. BACKFLOW PREVENTOR TO REMAIN IN PLACE.
26. 1' SAWCUT, REMOVE AND DISPOSE EXISTING AC PAVEMENT.
27. REMOVE AND REPLACE EXISTING AC PAVEMENT AS NEEDED TO CAP–OFF EXISTING . . . SEE DETAIL– C/C5 WATER/SEWER SERVICE LINE.
28. EXISTING SEWER LATERAL TO BE REMOVED AND REPLACED.
29. REMOVE AND REPLACE AC PAVEMENT AS NEEDED FOR CONSTRUCTION OF NEW IN–LINE WATER VALVE. SEE SHEET C–4 FOR DETAILS.
30. REMOVE AND REPLACE AC PAVEMENT AS NEEDED FOR CONSTRUCTION OF NEW WATER AND FIRE SERVICES.
31. EXISTING COMM. LINE TO BE ABANDONED IN PLACE.
32. CAP–OFF AND ABANDON EXISTING WATER LINE AT WATER MAIN. SEE PLUMBING PLANS.

NOTE

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NOTE

FOR DEMOLITION NOTES SEE COVER SHEET C–1.

REGISTERED PROFESSIONAL ENGINEER
ANTONIO ALVAREZ
4/9/2025
NO. C75509
CIVIL
STATE OF CALIFORNIA

N

40' 0 40' 80' 120'

VALLEY CENTER POINT PLAZA

DEMOLITION PLAN

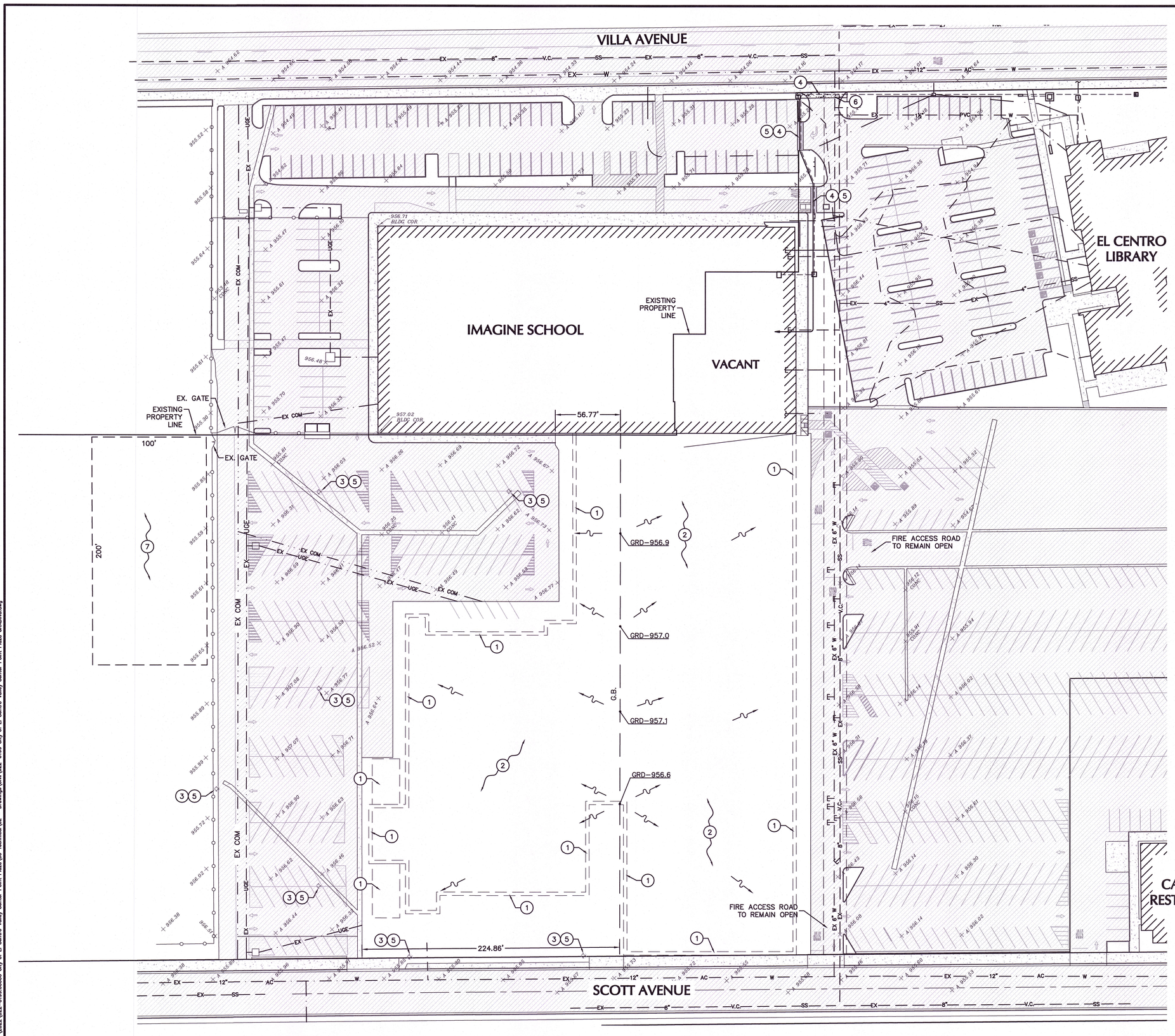
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C-2

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SCHEDULE OF WORK

1. SCARIFY 6" OF THE BOTTOM OF THE EXCAVATION AND COMPACT TO 90% OF ASTM D1557 AT ±2% OF OPTIMUM MOISTURE CONTENT. BACKFILL IN MAXIMUM 12" LOOSE LIFTS AND COMPACT TO 90% OF ASTM D1557 AT ±2% OF OPTIMUM MOISTURE CONTENT. FILL SOILS (ON-SITE OR IMPORT) SHOULD POSSESS AN EXPANSION INDEX OF LESS THAN 30 (ASTM D4829) AND NO PERISHABLE, SPONGY, DELETERIOUS, OR OTHERWISE UNSUITABLE MATERIAL.
2. SCARIFY 6" OF SURFACE AND COMPACT TO 90% OF ASTM D1557 AT ±2% OF OPTIMUM MOISTURE CONTENT.
3. INFILL EXISTING REMOVED UTILITY AREA AND COMPACT TO 90% OF ASTM D1557.
4. NEW COMMUNICATION AND ELECTRICAL LINES TRENCH TO BE BACKFILL AND COMPACTED TO 90% OF ASTM D1557. ..... -SEE DETAIL C/C5
5. NEW AC PAVEMENT. MATCH EXISTING GRADE AND AC THICKNESS (3" MIN). ..... -SEE DETAIL D/C5
6. NEW CONCRETE CROSS GUTTER SIMILAR TO EC-273. ..... -SEE DETAIL F/C5
7. CONSTRUCTION YARD LAY DOWN.

REGISTERED PROFESSIONAL ENGINEER
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VALLEY CENTER POINT PLAZA

GRADING PLAN

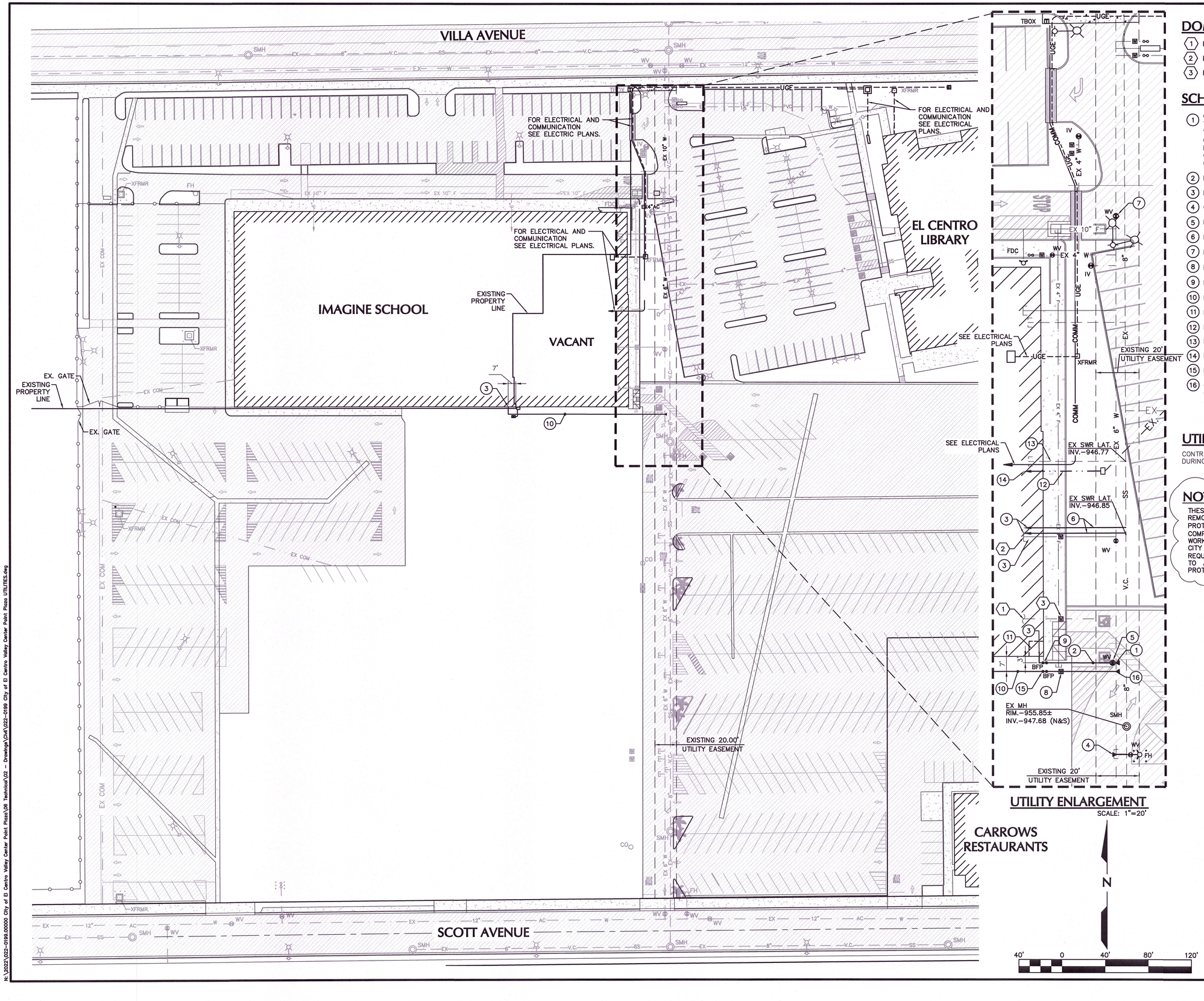
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C-3

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DOMESTIC WATER SCHEDULE OF WORK

1. EXISTING WATER SERVICE TO THE LIBRARY. SEE PLUMBING.
2. EXISTING WATER SERVICE LINE TO BE CAPPED. SEE PLUMBING.
3. EXISTING WATER METER.

SCHEDULE OF WORK

1. CONNECT NEW 4" C-900 (DR-14) CLASS 200 PVC FIRE SERVICE LINE TO EXISTING 10" ACP WATER LINE WITH 10"x6" TAPPING SLEEVE W/THRUST BLOCK AND 6" VALVE, ANCHORED W/V.B.&C. (TAPPING SLEEVE SHALL HAVE AN 18" MINIMUM LENGTH AND MECHANICAL JOINT). ALL UNDERGROUND FITTINGS/HARDWARE ON CITY OF EL CENTRO SERVICES SHALL BE STAINLESS STEEL (BOLTS, NUTS, ETC.) . . . . . SEE DETAIL- A C-5
2. NEW 4" C-900 (DR-14) CLASS 200 FIRE SERVICE LINE.
3. FOR CONTINUATION, SEE PLUMBING PLANS.
4. CONNECT FIRE HYDRANT TO WATER MAIN. . . . . SEE DETAIL- F C-5 G C-5
5. NEW 4" IN-LINE VALVE WITH VALVE BOX & COVER. . SEE DETAIL- C C-5
6. NEW 4" SEWER LATERAL. . . . . SEE DETAIL- B C-5
7. NEW 10" IN-LINE VALVE WITH VALVE BOX & COVER. . SEE DETAIL- G C-5
8. NEW 3" WATER METER FOR SCHOOL BY CITY OF EL CENTRO.
9. NEW 4" BACKFLOW PREVENTOR. . . . . SEE DETAIL- I C-6
10. NEW 2 1/2" WATER LINE.
11. NEW FIRE RISER ROOM. SEE PLUMBING PLANS.
12. NEW FIBER OPTIC LINE. SEE ELECTRICAL PLANS.
13. EXISTING ABANDONED SEWER LATERAL TO REMAIN.
14. FOR CONTINUATION, SEE ELECTRICAL PLANS.
15. NEW 3" BACKFLOW PREVENTOR. . . . . SEE DETAIL- H C-6
16. CONNECT NEW 2 1/2" WATER SERVICE TO EXISTING WATER MAIN. CONSTRUCT TO MATCH.

UTILITY NOTE

CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EX. UTILITIES. PROTECT DURING CONSTRUCTION.

NOTE

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REGISTERED PROFESSIONAL ENGINEER
ANTONIO ALVAREZ
4/9/2025
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VALLEY CENTER POINT PLAZA

UTILITY PLAN

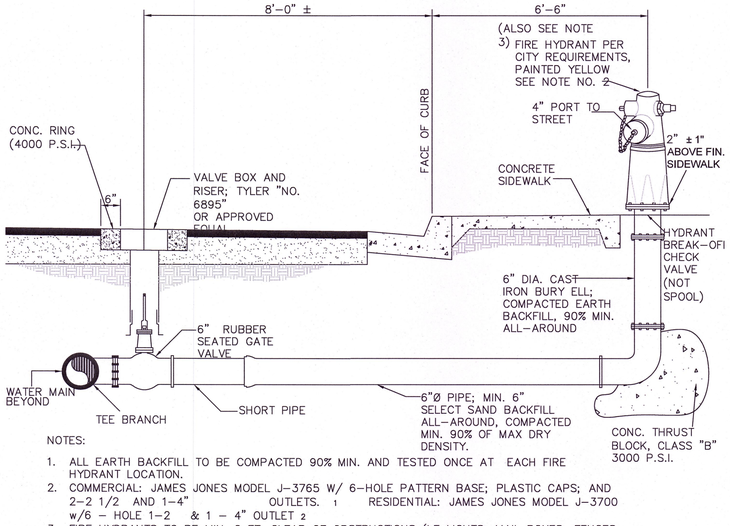
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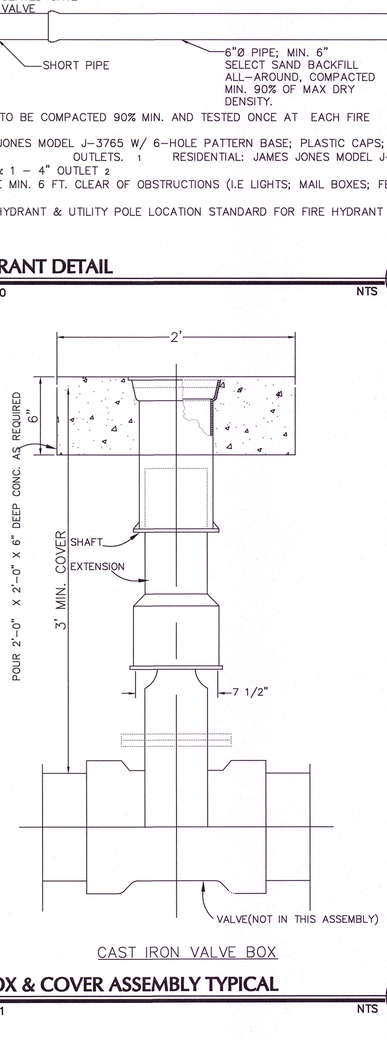


NOTES:

1. ALL EARTH BACKFILL TO BE COMPACTED 90% MIN. AND TESTED ONCE AT EACH FIRE HYDRANT LOCATION.
2. COMMERCIAL: JAMES JONES MODEL J-3765 W/ 6-HOLE PATTERN BASE; PLASTIC CAPS; AND 2-2 1/2 AND 1-4" OUTLETS. 1 RESIDENTIAL: JAMES JONES MODEL J-3700 w/6 - HOLE 1-2 & 1 - 4" OUTLET 2
3. FIRE HYDRANTS TO BE MIN. 6 FT. CLEAR OF OBSTRUCTIONS (I.E LIGHTS; MAIL BOXES; FENCES AND SIGNS).
4. SEE "SIDEWALK FIRE HYDRANT & UTILITY POLE LOCATION STANDARD FOR FIRE HYDRANT PLACEMENT EC-401.

FIRE HYDRANT DETAIL

DETAIL EC-700 — NTS — F / C-5



CAST IRON VALVE BOX

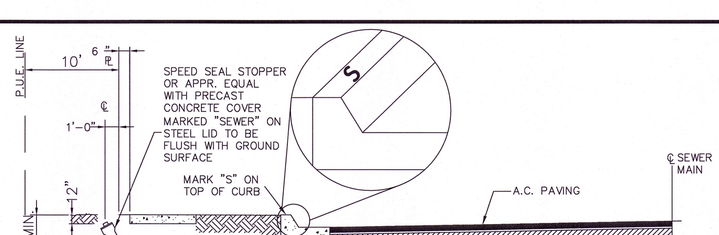
VALVE BOX & COVER ASSEMBLY TYPICAL

DETAIL EC-701 — NTS — G / C-5

NOTE

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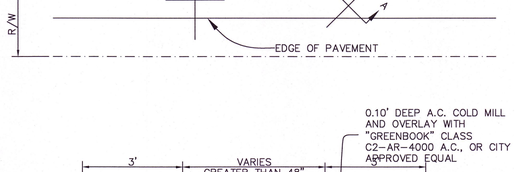
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NOTE:
1. TRUNK SEWER LINES 15" OR LARGER CANNOT BE TAPPED IN TO.
2. PROVIDE ONE SERVICE LINE FOR EACH LOT MINIMUM.

TYPICAL SEWER SERVICE CONNECTION

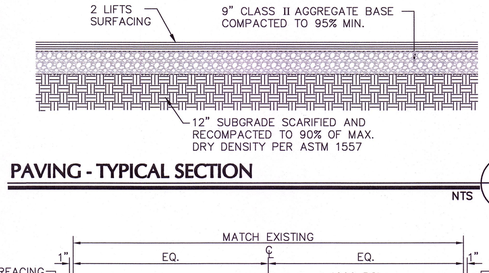
DETAIL EC-600 — NTS — B / C-5



NOTE:
1. 2" SCHED. 80 CONDUIT MAY BE REQUIRED BY CITY ENGINEER.
2. TRAFFIC LANE AFFECTED BY UTILITY TRENCH SHALL BE RE-PAVED THE ENTIRE LENGTH OF THE AFFECTED PORTION OF THE LANE.

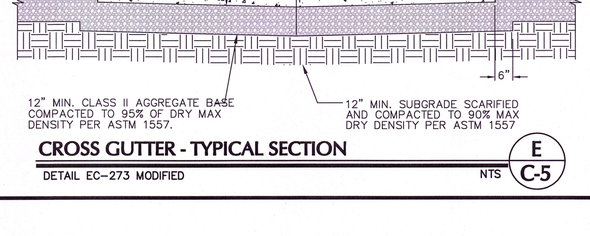
TRANSFER TRENCH BACKFILL & PAVING DETAIL

DETAIL EC-810-3 — NTS — C / C-5



PAVING - TYPICAL SECTION

NTS — D / C-5



CROSS GUTTER - TYPICAL SECTION

DETAIL EC-273 MODIFIED — NTS — E / C-5

FIRE DEPARTMENT CONNECTIONS (F.D.C.)

1. Acceptable locations for the F.D.C.'s will be determined by Fire Department policy and recorded through the plan review process. Generally, this location will be remote from the building on the address (or front) side a minimum of 1 1/2 times the building height. Exceptions may apply due to site limitations.
2. A check valve shall be located just below the F.D.C. Siamese connection. The Siamese connection shall have two 2-1/2" swivels with national standard threads (NTS) and shall be provided with listed caps or plugs.
3. Whether the F.D.C. is remote or not:

a. The height of the Siamese connection shall be between 30 and 42 inches to the center of the openings measured from the finished grade. Remote F.D.C.'s shall be oriented towards the street or access unless otherwise noted during plan review.

b. As required in N.F.P.A. 24 adopted by City ordinance, underground piping requires a minimum cover of 30 inches. 36 inches of cover is required should the piping be located under a driveway. 48 inches of cover is required should the piping be located under a railway unless railway criteria is more stringent. All measurements are from the top of the pipe to the finished grade.

c. Piping through or adjacent to any underground structural element requires a minimum 2 inches of clearance around the piping to prevent damage from seismic activity or settling of the foundation.

d. A two hour, 200 psi hydrostatic test showing no pressure loss is required for acceptance of the piping.

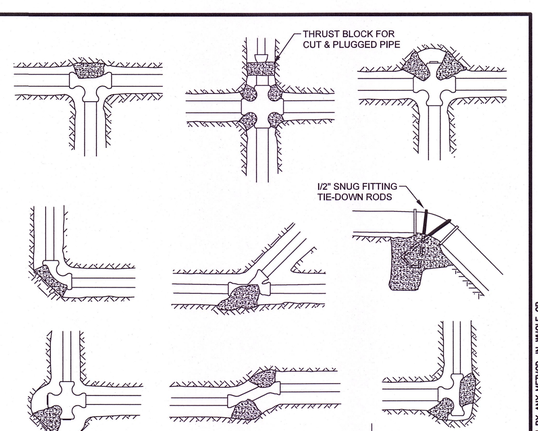
e. All supply piping, both sprinkler and F.D.C., shall be ductile iron when located within five feet of a building foundation or under the slab of a building (reference Standard No. 5-175). Ductile iron pipe shall be properly protected from corrosion.

f. The F.D.C. shall be located a minimum of 40' and a maximum of 150' from a fire hydrant.

NOTE

1. Any fire line sprinkler line pipe installed inside the five foot (5') fire line corridor shall be a minimum CL50 ductile iron pipe.

PRIVATE FIRE SPRINKLER LINE INSTALLATION



TYPICAL SECTION

NOTES

1. See Standard Detail 5-020 for calculating safe bearing areas.
2. All ferrous fittings, pipe, connectors and appurtenances shall receive a 10 mil (min.) polyethylene wrap to prevent direct contact with the soil.
3. Thrust blocks shall consist of Class B concrete per MAG Section 725.
4. Concrete shall not come in direct contact with pipe.
5. 316-stainless steel tie-down rods required for pipe larger than 8".
6. Place a minimum of 8" concrete under all fittings.

TYPICAL THRUST BLOCK INSTALLATION

THRUST AT FITTINGS IN POUNDS
AT 150 POUNDS PER SQUARE INCH OF WATER PRESSURE
ALL PIPE & FITTINGS SHALL BE CLASS 235 DR 18 (MINIMUM)

Size	Tee's & Dead Ends	90° Bend	45° Bend	22 1/2° Bend	Per Degrees of Deflection
2"	1,740	2,460	1,335	675	30.3
4"	2,715	3,840	2,085	1,065	47.3
6"	5,625	7,950	4,320	2,190	98.3
8"	9,780	13,800	7,500	3,795	171.0
10"	16,050	22,650	12,300	6,225	280.5
12"	22,800	32,250	17,550	8,850	399.0
14"	31,050	42,300	23,850	12,075	543.0
16"	40,200	57,000	30,750	15,600	705.0

Soil	Safe Bearing Load Pounds Per Square Foot
MUCK, PEAT, ETC.	0
SOFT CLAY	1000
SAND	2000
SAND & GRAVEL	3000
SAND & GRAVEL CEMENTED WITH CLAY	4000

TO CALCULATE THE NEEDED AREA OF A THRUST BLOCK

Divide thrust by safe bearing load. Note: Thrust block area for 6" and larger pipe shall not be less than three (3) square feet in size.

NOTES

1. All domestic pipe and fittings shall be Class 235 DR 18 (min.) unless otherwise noted.
2. All private fire suppression pipe shall have a minimum class 235 DR 18.
3. Thrust block area shall be determined by soil tests for pipe greater in size than 16".
4. Concrete shall not come in direct contact with pipe.

FIRE SERVICE LINE DETAILS

NTS — A / C-5



VALLEY CENTER POINT PLAZA

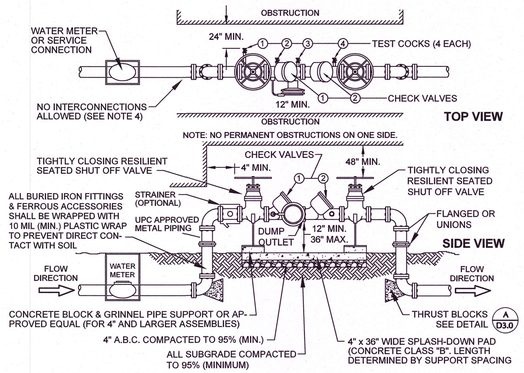
CONSTRUCTION DETAILS

SCALE:	AS SHOWN
DATE:	APR. 9, 2025
DES. BY:	RBB
DRAWN BY:	AM
SURVEYED BY:	STAFF
JOB. No.:	022-0199
SHEET	5 OF 6

NICKLAUS ENGINEERING, INC.
1851 West 24th Street Yuma, Arizona 85364
Phone: (928) 344-8374
www.neiaw.com

C-5

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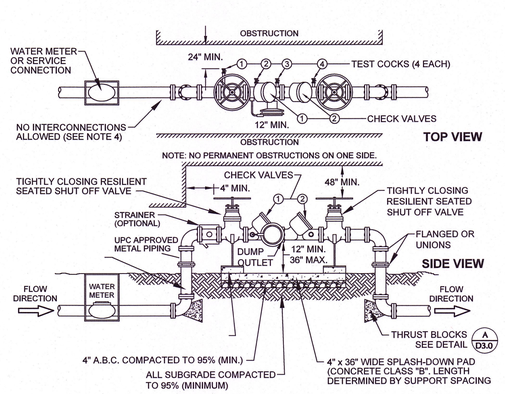
NOTES

1. A permit from the City of El Centro is required before installing or replacing a backflow assembly.
2. For a list of approved backflow assemblies, refer to the University of Southern California Foundation for Cross-Connection Control and Hydraulic Research.
3. The R.P.A. shall be installed outside, above ground, as close to the water meter as possible. The R.P.A. shall be located on private property unless otherwise authorized.
4. There shall be no other piping connected to the piping between the water meter and the backflow assembly except for parallel assembly installations.
5. Installations shall meet all current uniform plumbing codes in addition to the City of El Centro building codes.
6. Installations shall be left exposed until inspected and approved by the City of El Centro.
7. If this unit is installed to serve a retention basin, this unit shall be placed a minimum of 12" (36" maximum) above the flood rim of the retention basin.
8. Protective cages are required and will meet clearance, access and drainage requirements. Tamperproof switches may be required on fire backflow assemblies.
9. It is recommended that backflow assemblies be protected from the elements. Care shall be taken to ensure that the protection does not hinder the assembly's operation.
10. Approval from the City of El Centro Fire Marshall is required before any backflow assembly is connected to any fire system. Forward flush valves are required for fire line back-flow preventers.
11. All backflow units are to be tested by a certified professional prior to final approval. Backflow units shall be tested on an annual basis.
12. The installation of a backflow assembly may create a closed system. Consult with the City of El Centro Building Official for pressure relief valves, thermal expansion or other needed requirements.
13. Backflow preventor assembly shall be approved by the City of El Centro Public Works Department.

3" REDUCED PRESSURE BACKFLOW PEREVENTOR

NTS

H
C-6



NOTES

1. A permit from the City of El Centro is required before installing or replacing a backflow assembly.
2. For a list of approved backflow assemblies, refer to the University of Southern California Foundation for Cross-Connection Control and Hydraulic Research.
3. The R.P.A. shall be installed outside, above ground, as close to the water meter as possible. The R.P.A. shall be located on private property unless otherwise authorized.
4. There shall be no other piping connected to the piping between the water meter and the backflow assembly except for parallel assembly installations.
5. Installations shall meet all current uniform plumbing codes in addition to the City of El Centro building codes.
6. Installations shall be left exposed until inspected and approved by the City of El Centro.
7. If this unit is installed to serve a retention basin, this unit shall be placed a minimum of 12" (36" maximum) above the flood rim of the retention basin.
8. Protective cages are required and will meet clearance, access and drainage requirements. Tamperproof switches may be required on fire backflow assemblies.
9. It is recommended that backflow assemblies be protected from the elements. Care shall be taken to ensure that the protection does not hinder the assembly's operation.
10. Approval from the City of El Centro Fire Marshal is required before any backflow assembly is connected to any fire system. Forward flush valves are required for fire line back-flow preventers.
11. All backflow units are to be tested by a certified professional prior to final approval. Backflow units shall be tested on an annual basis.
12. The installation of a backflow assembly may create a closed system. Consult with the City of El Centro Building Official for pressure relief valves, thermal expansion or other needed requirements.

REDUCED PRESSURE BACKFLOW PEREVENTOR 4" AND LARGER WATER LINE

NTS

I
C-6

NOTE

THESE SHEETS ARE NOT APPROVED FOR THE DEMOLITION, RELOCATION, REMOVAL, MODIFICATION OR INSTALLATION OF ANY FIRE ALARM, FIRE PROTECTION UNDERGROUND OR FIRE SPRINKLER/SUPPRESSION COMPONENTS. IF ANY FIRE ALARM OR FIRE SPRINKLER/SUPPRESSION WORK IS REQUIRED FOR THIS SCOPE, A SEPARATE SUBMITTAL TO THE CITY OF EL CENTRO FIRE DEPARTMENT FOR REVIEW AND APPROVAL IS REQUIRED BY THE INSTALLING C-10/C-16 LICENSED CONTRACTOR PRIOR TO ANY DEMOLITION, MODIFICATION OR INSTALLATION OF ANY FIRE PROTECTION COMPONENTS.

2

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REGISTERED PROFESSIONAL ENGINEER
ANTONIO ALVAREZ
4/9/2025
NO. C79509
STATE OF CALIFORNIA

VALLEY CENTER POINT PLAZA

CONSTRUCTION DETAILS

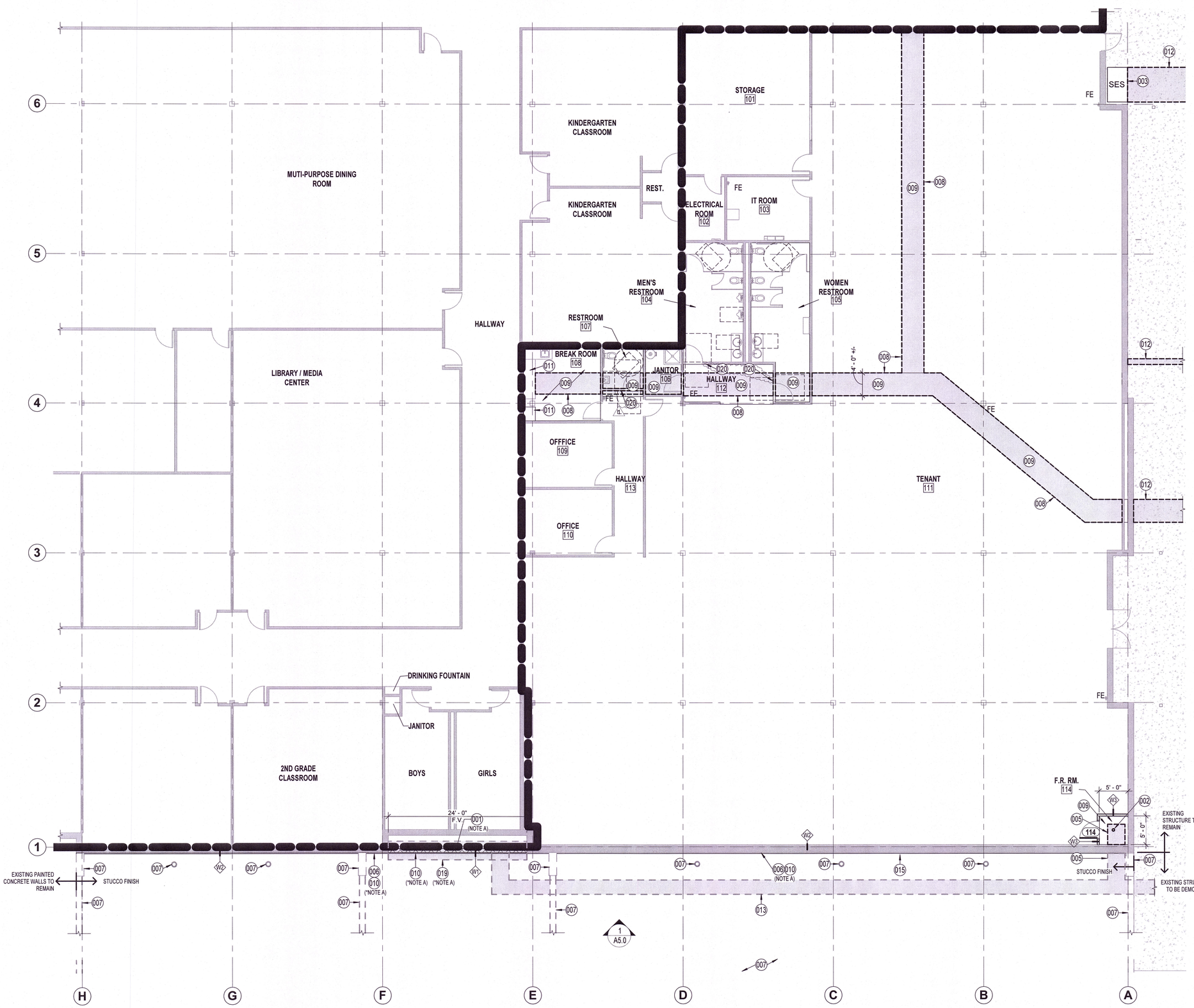
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SHEET	6 OF 6

C-6

N:\2022\022-0199.00000 City of El Centro Valley Center Point Plaza\06 Technical\02 - Drawings\Civil\022-0199 City of El Centro Valley Center Point Plaza COVER & DETAILS.dwg

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1 First Floor Plan
1/8" = 1'-0"

GENERAL FLOOR PLAN NOTES

1. CONTRACTOR SHALL COORDINATE WITH DRYWALL CONTRACTOR TO MAKE SURE THEY REFER TO ELECTRICAL, MECHANICAL, AND PLUMBING PLANS FOR ANY ADDITIONAL DRYWALL PATCHES REQUIRED DUE TO NEW INFRASTRUCTURE IN EXISTING WALLS TO REMAIN AS INDICATED ON THE FLOOR PLAN.
2. PAINT ALL EXPOSED PLUMBING, MECHANICAL, AND OTHER ITEMS WITHOUT FACTORY FINISH SUCH AS CONDUITS, PIPES, ACCESS PANELS, AND ITEMS OF A SIMILAR NATURE TO MATCH ADJACENT SURFACE FINISH UNLESS NOTED OTHERWISE.
3. ANY CONTRACTOR/SUBCONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONSTRUCTION RESULTING DIRECTLY OR INDIRECTLY FROM THEIR OPERATIONS.
4. ANY REMOVAL OR DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPLACED OR REPAIRED BY CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND SHALL BE APPROVED BY OWNER AND ARCHITECT.
5. ALL MATERIAL AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTIONS BY OWNER AND ARCHITECT. THE OWNER RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO INDUSTRY STANDARDS OR SPECIFICATIONS.
6. AT ALL LOCATIONS OF REVISED OR DEMOLISHED PORTIONS OF BUILDING. THE CONTRACTOR SHALL RESTORE ADJACENT DAMAGED SURFACES, FINISHES AND MATERIALS TO MATCH ADJOINING CONDITIONS.
7. DEMOLITION OF AREAS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION OR EQUIPMENT MAY NOT BE INCLUDED ON FLOOR PLANS. COORDINATE SUCH WITH RESPECTIVE TRADES AND PLANS.
8. INDICATED ITEMS TO BE REMOVED SHALL INCLUDE ANY ACCESSORY ITEMS SUCH AS DRAINS, PIPING, CONDUIT, ETC. THAT IS RELATED TO SUCH REMOVED ITEMS UNLESS OTHERWISE NOTED.
9. ALL DAMAGED AREAS RESULTING FROM REMOVAL AND/OR INSTALLATION OF EXISTING OR NEW ITEMS OR WORK SHALL BE FINISHED TO MATCH ADJACENT CONSTRUCTION, FINISH, AND PLANE.
10. ALL EXISTING SURFACES WITH CONSTRUCTION AREAS SHALL BE REPAIRED AND REFINISHED AS REQUIRED TO PROVIDE THE APPEARANCE OF A NEW PROJECT. THE CONTRACTOR SHALL VERIFY EXACT EXTENT OF SUCH WORK PRIOR TO BIDDING PROJECT.
11. IF THE CITY INSPECTOR OBSERVES NON-ACCESSIBLE ITEMS, THEN MUST BE ADDRESSED, VIA PLAN REVISION, PRIOR PERMIT BEING FINALIZED. REFER TO 2022 CALIFORNIA BUILDING CODE - CHAPTER 11B

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- NEW WALLS
- PROPERTY LINE
- WORK AREA

KEY NOTES - FLOOR PLAN

TYPE	DESCRIPTION
001	CMU INFILL. SEE WALL TYPES.
002	FIRE RISER. SEE FIRE PROTECTION
003	SES. SEE ELECTRICAL
005	DEMOLISH PORTION OF EXISTING CONCRETE FLOOR TO ACCOMODATE NEW FIRE LINE. SEE FIRE SUPPRESSION AND STRUCTURAL.
006	REMOVE EXISTING FINISHES DOWN TO CONCRETE WALL AND PREPARE SURFACE TO ACCEPT NEW EXTERIOR FINISH.
007	BUILDING TO BE DEMOLISHED COMPLETELY DOWN TO BUILDING SLAB.
	BID. ALT. #1 DEMOLISH BUILDING SLAB AND REMAINING COMPONENTS BELOW SLAB PER 4/A6.0
008	DEMOLISH PORTION OF EXISTING CONCRETE FLOOR TO ACCOMODATE NEW SEWER LINE. SEE PLUMBING.
009	REMOVE EXISTING FLOOR FINISH. SEE FINISH FLOOR PLAN.
010	STUCCO FINISH OVER EXISTING CONCRETE WALL TO MATCH EXISTING STUCCO AND COLOR.
011	EXISTING BASE CABINETS AND APPLIANCES TO REMAIN. PROTECT DURING DEMOLITION WORK.
012	DEMOLISH PORTION OF EXISTING SIDEWALK. SEE CIVIL.
013	DEMOLISH PORTION OF EXISTING CONCRETE FLOOR TO ACCOMODATE WATER LINE. SEE CIVIL.
015	PROTECT EXISTING BUILDING TO REMAIN.
019	DEMOLISH PORTION OF EXISTING CONCRETE FLOOR TO ACCOMODATE CONCRETE FOOTING. SEE STRUCTURAL.
020	REMOVE EXISTING RESTROOM SIGN AND REPLACE WITH ACCESSIBLE COMPLIANT SIGN

* NOTE A - THIS WORK SHALL BE PERFORMED WITH THE BASE BID FOR THE DEMOLITION OF THE BUILDINGS TO CREATE A WEATHERTIGHT ENVELOPE OF THE EXISTING BUILDING TO REMAIN.

KEY PLAN

NICKLAUS ENGINEERING, INC.
1951 West 24th Street
Yuma, Arizona 85364
(928) 344-8374
www.nelaw.com

JOB NO.	022-0199.00000
DESIGN	A.J.
DRAWN	L.E. & LL

REVISIONS

#	DATE	DESCRIPTION
1	11/12/24	COMMENT LETTER DATED 7/25/2024

1198 N. IMPERIAL AVE. EL CENTRO, CA 92243

City El Centro Valley Center Point Plaza

ALAN W. JORGENSEN C-31291 Renewal Date: 8/31/2025 LICENSED ARCHITECT STATE OF CALIFORNIA
Signed: 11/12/2024

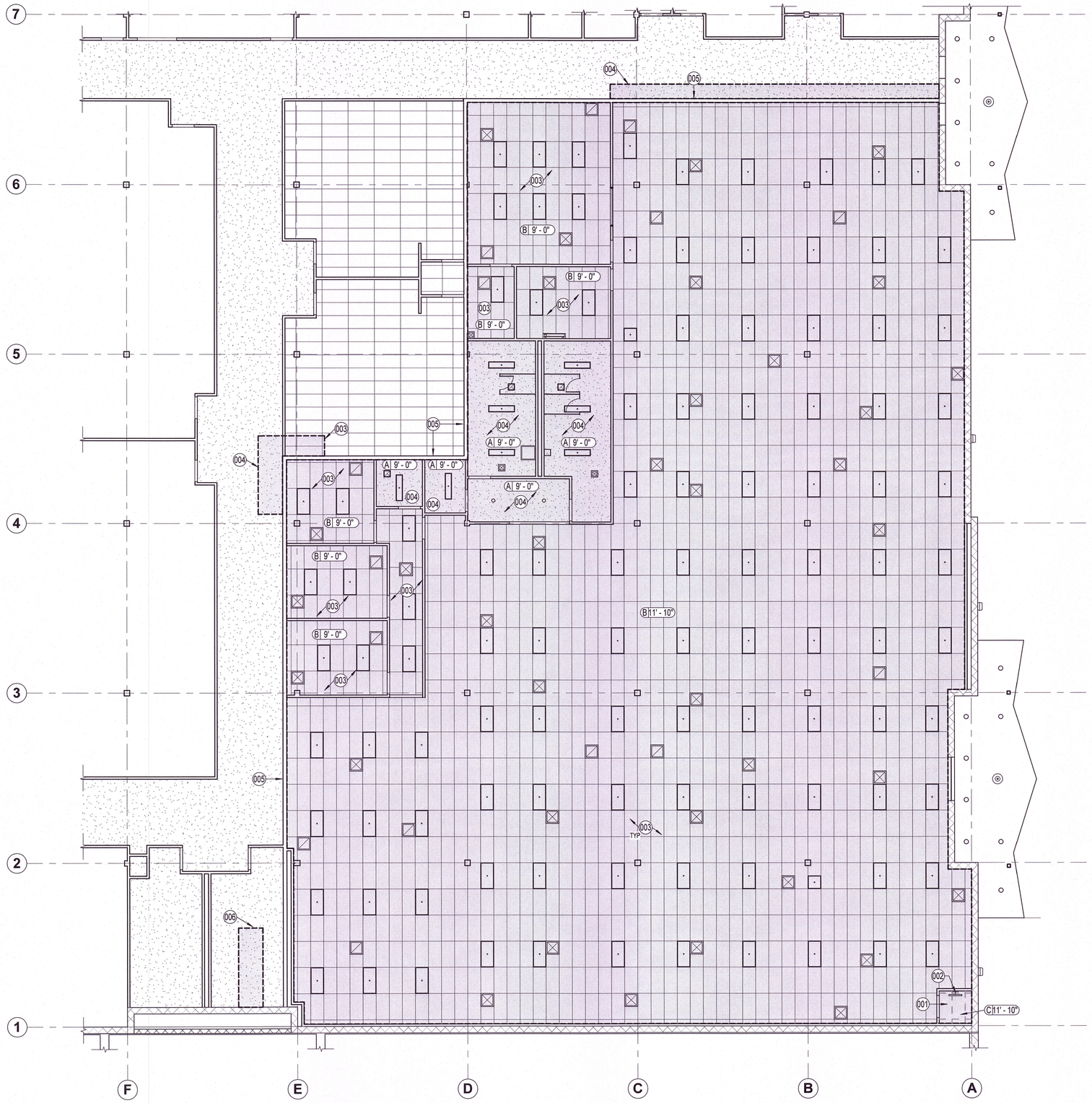
FLOOR PLAN

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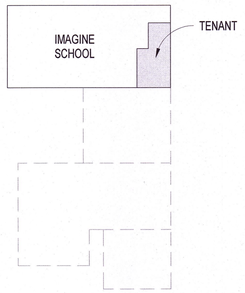
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1 First Floor RCP
1/8" = 1'-0"



KEY PLAN

NORTH

GENERAL RCP NOTES

1.CEILING LAYOUTS AND HEIGHTS PROVIDED FOR REFERENCE. CONTRACTOR TO FIELD VERIFY AND MATCH EXISTING CEILING LAYOUTS AND HEIGHTS.
2. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE DESIGNATION AND FULL SCOPE OF LIGHT FIXTURES.
3. REFER TO MECHANICAL DRAWINGS FOR SUPPLY/ RETURN DIFFUSERS AND FULL MECHANICAL SCOPE .
4. PROVIDE GFRG ACCESS PANELS (ACUDOR OR APPROVED EQUAL) THE CONTRACTOR SHALL SUBMIT COORDINATION DRAWINGS OF PROPOSED PANEL LOCATIONS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO BEGINNING MEP WORK.
5. PAINT ALL NEW EXPOSED PLUMBING, MECHANICAL, AND OTHER ITEMS WITHOUT FACTORY FINISH SUCH AS CONDUITS, PIPES, ACCESS PANELS, AND ITEMS OF A SIMILAR NATURE TO MATCH ADJACENT SURFACE FINISH UNLESS NOTED OTHERWISE.
6. ANY CEILINGS AFFECTED BY THE RENOVATION WHICH HAVE SOUND BATT INSULATION SHOULD HAVE THE BATT INSULATION REMOVED, STORED AND REINSTALLED.
7. CONTRACTOR TO PATCH / SEAL PENETRATIONS, HOLES, ETC. RESULTING FROM REMOVAL AND / OR INSTALLATION OF EXISTING OR NEW ITEMS OR WORK. FIRE STOP AT RATED ASSEMBLIES.
8. REFER TO PLANS FOR EXTENT OF DEMOLISHED AREA OR ITEMS.
9. AT ALL LOCATIONS OF REVISED OR DEMOLISHED PORTIONS OF BUILDING. THE CONTRACTOR SHALL RESTORE ADJACENT DAMAGED SURFACES, FINISHES AND MATERIALS TO MATCH ADJOINING CONDITIONS.
10. DEMOLITION OF AREAS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION OR EQUIPMENT MAY NOT BE INCLUDED ON FLOOR PLANS. COORDINATE SUCH WITH RESPECTIVE TRADES AND PLANS.
11. INDICATED ITEMS TO BE REMOVED SHALL INCLUDE ANY ACCESSORY ITEMS SUCH AS DRAINS, PIPING, CONDUIT, ETC. THAT IS RELATED TO SUCH REMOVED ITEMS UNLESS OTHERWISE NOTED.
12. ALL DAMAGED AREAS RESULTING FROM REMOVAL AND/OR INSTALLATION OF EXISTING OR NEW ITEMS OR WORK SHALL BE FINISHED TO MATCH ADJACENT CONSTRUCTION, FINISH, AND PLANE.
13.ALL EXISTING SURFACES WITH CONSTRUCTION AREAS SHALL BE REPAIRED AND REFINISHED AS REQUIRED TO PROVIDE THE APPEARANCE OF A NEW PROJECT. THE CONTRACTOR SHALL VERIFY EXACT EXTENT OF SUCH WORK PRIOR TO BIDDING PROJECT.

CEILING TYPE LEGEND

- A ELEV — GYPSUM BOARD CEILING
- B ELEV — 2X4 ACOUSTICAL CEILING GRID SYSTEM
- C ELEV — DEMO 2X4 ACOUSTICAL CEILING GRID SYSTEM

CEILING PLAN SYMBOL LEGEND

- EXHAUST FAN. SEE MECHANICAL
- RETURN REGISTER. SEE MECHANICAL
- SUPPLY DIFFUSER. SEE MECHANICAL
- RECESSED CAN LIGHT FIXTURE. SEE ELECTRICAL
- 2X4 FLUORESCENT LIGHT FIXTURE. SEE ELECTRICAL
- 2X2 FLUORESCENT LIGHT FIXTURE. SEE ELECTRICAL
- 1X4 FLUORESCENT LIGHT FIXTURE. SEE ELECTRICAL
- ROUND FLUSH MOUNT LIGHT FIXTURE. SEE ELECTRICAL
- SUSPENDED LINEAR LIGHT FIXTURE. SEE ELECTRICAL
- ACCESS PANEL
- WORK AREA

KEY NOTES - RCP

TYPE	DESCRIPTION
001	REMOVE EXISTING CEILING IN FIRE RISER ROOM
002	NEW WALL MOUNTED LIGHT FIXTURE. SEE ELECTRICAL
003	REMOVE, STORE AND REINSTALL EXISTING ACOUSTICAL CEILING TILES. REMOVE AND INSTALL NEW ACOUSTICAL CEILING GRID SYSTEM TO ACCOMODATE NEW FIRE SUPPESSION. REMOVE, STORE, CLEAN AND REINSTALL, EXISTING LIGHT FIXTURES, SMOKE DETECTORS, EXIT SIGNS, AND ANY OTHER SURFACE MOUNTED EQUIPMENT.
004	REMOVE AND REPAIR EXISTING GYPSUM CEILING INCLUDING CEILING SUPPORT STRUCTURE TO ACCOMODATE NEW FIRE SUPPRESSION. REMOVE, STORE, CLEAN AND REINSTALL, EXISTING LIGHT FIXTURES, SMOKE DETECTORS, EXIT SIGNS, AND OTHER SURFACE MOUNTED EQUIPMENT AS NEEDED.
005	SEAL PENETRATIONS AND PATCH ALL OPENINGS ABOVE CEILING (NEW AND EXSITING). INFILL OPENINGS TO MATCH EXISITNG NON-COMBUSTIBLE WALL CONSTRUCTION.
006	REMOVE AND REPAIR EXISTING GYPSUM CEILING INCLUDING CEILING SUPPORT STRUCTURE TO ACCOMODATE NEW WATER LINE. REMOVE, STORE, CLEAN AND REINSTALL, EXISTING LIGHT FIXTURES, SMOKE DETECTORS, EXIT SIGNS, AND OTHER SURFACE MOUNTED EQUIPMENT AS NEEDED.

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(928) 344-4374
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JOB NO.	022-0199.00000
DESIGN	A.J.
DRAWN	L.E. & LL

REVISIONS

#	DATE	DESCRIPTION

1198 N. IMPERIAL AVE., EL CENTRO, CA 92243

City El Centro Valley Center Point Plaza

LICENSED ARCHITECT
ALAN W. JORGENSEN
C-31291
Renewal Date: 8/31/2026
STATE OF CALIFORNIA

Signed: 11/12/2024

REFLECTED CEILING PLAN

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GRID SYSTEM NOTES

A. SUSPENSION SYSTEM SHALL BE STEEL EXPOSED GRID, USING "T" SECTIONS. EXPOSED FACE OF RUNNERS, CROSS RUNNERS, AND WALL MOLDING SHALL HAVE FACTORY APPLIED BAKED ENAMEL MATCHING THE TILE COLOR.

B. HANGER WIRE SHALL NOT BE THINNER THAN #12 GAUGE, GALVANIZED, ANNEALED -- LENGTHS AS REQUIRED.

C. CEILING BRACES SHALL BE PROVIDED BY FOUR #12 GAUGE MINIMUM WIRE SECURED TO THE MAIN RUNNER WITHIN 2 INCHES OF THE CROSS INTERSECTIONS AND SPLAYED 90 DEGREES FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12 FEET ON CENTER IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL

D. LATERAL BRACING WIRE SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.

E. THE ENTIRE SUSPENSION SYSTEM SHALL BE FIRMLY INTERLOCKED AND SHALL BE LEVEL TO A TOLERANCE OF NOT MORE THAN 1/4 INCH TOTAL UNDER A 12' STRAIGHT EDGE. ALL RUNNERS SHALL BE UNIFORM AND PARALLEL.

F. CEILINGS AND WALL LINES SHALL BE TRIMMED WITH "L" SHAPED MOLDINGS WITH A BAKED ENAMEL FINISH TO MATCH "T"S. "L" MOLDINGS SHALL BE SCREWED INTO WALL.

G. CEILING SYSTEM SHALL BE DESIGNED TO WITHSTAND THE EFFECTS OF EARTHQUAKE MOTIONS DETERMINED ACCORDING TO ASCE 7 FOR SEISMIC DESIGN CATEGORY D AND COMPLYING WITH THE LOCAL AUTHORITIES HAVING JURISDICTION. SEISMIC ATTACHMENT CLIPS TO BE INSTALLED PER MFR. RECOMMENDATIONS.

H. CEILING SYSTEM SHALL HAVE A STRUCTURAL CLASSIFICATION OF HEAVY-DUTY, WHEN TESTED IN ACCORDANCE WITH ASTM C635/C635M.

I. SUSPENDED ACOUSTIC TILE AND LAY-IN PANEL CEILING SYSTEMS SHALL COMPLY WITH ASTM C635 FOR SUSPENSION SYSTEM PERFORMANCE. INSTALLATION OF SUSPENDED CEILINGS SHALL COMPLY WITH ASTM C636 & ASTM E580.

J. CEILING AREAS OVER 1,000 SF MUST HAVE HORIZONTAL RESTRAINT WIRE OR RIGID BRACING. (ASTM E580 5.2.8.1).

K. CEILING AREAS OVER 2,500 SF MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS (ASCE 7-13.5.6.2.2B).

L. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL BE NOT LESS THAN 2.0 IN. UNLESS QUALIFIED PERIMETER SUPPORTING CLIPS ARE USED.

M. CLOSURE ANGLES OR CHANNELS SHALL BE SCREWED OR OTHERWISE POSITIVELY ATTACHED TO WALL STUDS OR OTHER SUPPORTING STRUCTURES. PERIMETER SUPPORTING CLIPS SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA PER SECTION 13.2.5.

N. PERIMETER SUPPORTING CLIPS SHALL BE ATTACHED TO SUPPORTING CLOSURE ANGLE OR CHANNEL WITH A MINIMUM OF TWO SCREWS PER CLIP AND SHALL BE INSTALLED AROUND THE ENTIRE CEILING PERIMETER.

O. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP. THE OTHER END OF THE CEILING GIRD IN EACH HORIZONTAL DIRECTION SHALL HAVE A MINIMUM 0.75-IN CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP.

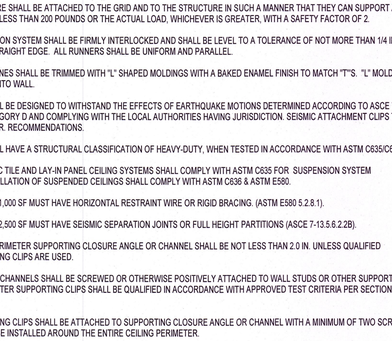
P. SUSPENDED CEILING LATERAL FORCE-BRACING MEMBERS SHALL BE LOCATED A MINIMUM OF 6 INCHES FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT ARE NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES.

Q. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.

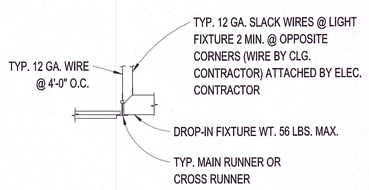
R. SPRINKLER HEADS AND OTHER SIMILAR TYPE PENETRATIONS SHALL HAVE A 2-INCH OVERSIZE RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF AT LEAST 1-INCH IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, A SWING JOINT THAT CAN ACCOMMODATE 1-INCH OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS IS PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION.

S. CHANGES IN CEILING PLAN ELEVATION HEIGHTS SHALL BE PROVIDED WITH POSITIVE BRACING.

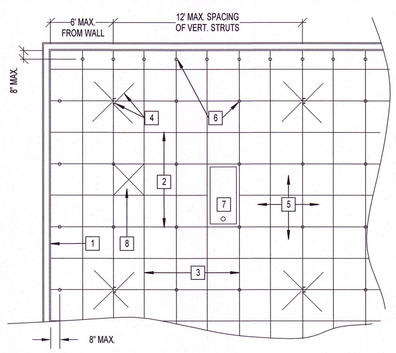
T. CEILINGS LESS THAN OR EQUAL TO 144 SQ/FT AND SURROUNDED BY WALL CONNECTED TO THE STRUCTURE ABOVE ARE EXEMPT FROM THE SEISMIC DESIGN REQUIREMENTS.



BRACING @ ROOF N.T.S. 2



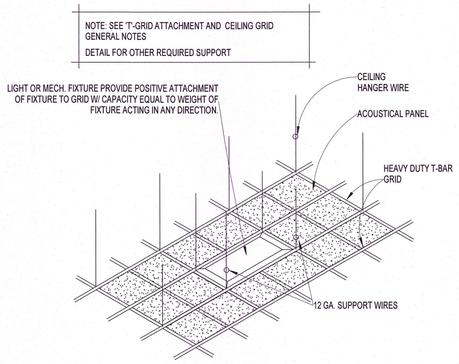
TYPICAL FIXTURE N.T.S. 4



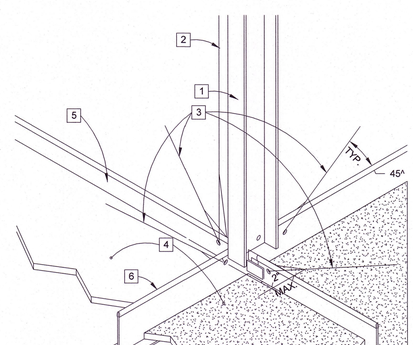
NOTES:

1. WALL LINE
2. MAIN RUNNER, TYP. AT 4'-0" MAX. O.C.
3. CROSS RUNNER, TYP.
4. VERTICAL STRUT WITH 4 SPLAYED WIRE HANGERS. STRUTS AND HANGERS TO BE LOCATED 6'-0" MAX FROM WALL. STRUTS SHALL BE LOCATED A MAX. OF 12'-0" FROM EACH OTHER. SEE DETAIL 6 ON THIS SHEET.
5. ACOUSTICAL CEILING PANELS
6. VERTICAL SUSPENSION WIRES OF 12 GA. WIRE SPACED NO MORE THAN 4'-0" ON CENTER ON MAIN RUNNERS. EACH WIRE SHALL BE ATTACHED TO THE RUNNER WITH AT LASTS 3 TURNS. EACH RUNNER SHALL HAVE A VERTICAL WIRE LOCATED WITHIN 8" OF THE WALL.
7. LIGHT FIXTURE. SEE DETAIL 5 ON THIS SHEET
8. MECHANICAL FIXTURE. SEE DETAIL 5 ON THIS SHEET

GRID ATTACHMENT PLAN N.T.S. 3



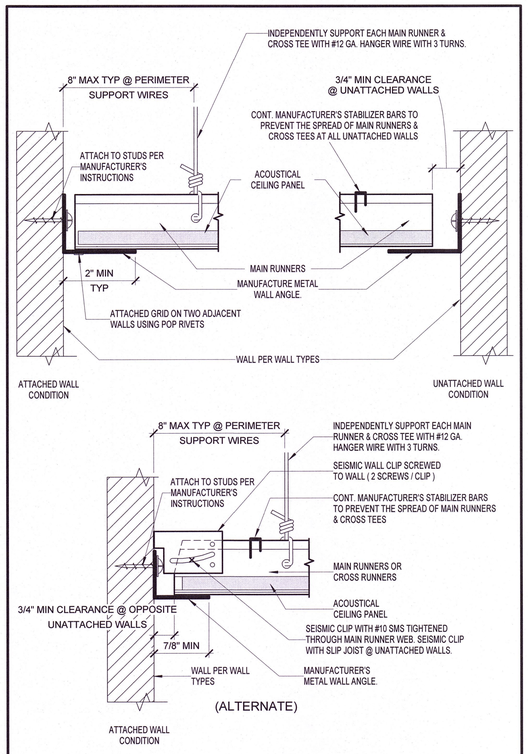
LIGHT OR MECH. SUPPORT N.T.S. 5



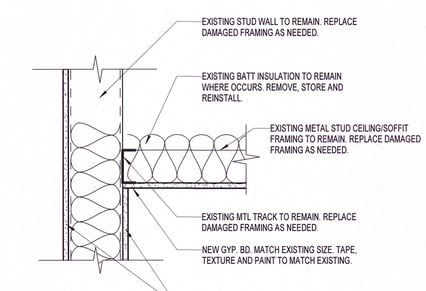
NOTES:

1. USE A COMPRESSION STRUT PER SCHEDULE. A MINIMUM OF 12 FEET O.C. EACH WAY, AND A MINIMUM OF 6 FEET FROM WALL. ATTACH TOP OF STRUT TO STRUCTURE.
2. HANGER WIRE
3. (4) 11 GA WIRES ARRAYED 90 DEGREES FROM EACH OTHER AND NOT MORE THAN 45 DEGREES FROM THE HORIZ PLANE OF THE CEILING. WIRES SHALL BE ON THE MAIN RUNNER AND LOCATED WITHIN 2" OF THE INTERSECTION. EACH END SHALL BE SECURED BY 4 TIGHT TURNS WITHIN 1-1/2". WIRES SHALL BE KEPT 6" CLEAR OF ANY UNBRACED HORIZONTAL PIPING OR DUCTWORK.
4. ACOUSTICAL CEILING PANEL
5. CROSS RUNNER
6. MAIN RUNNER

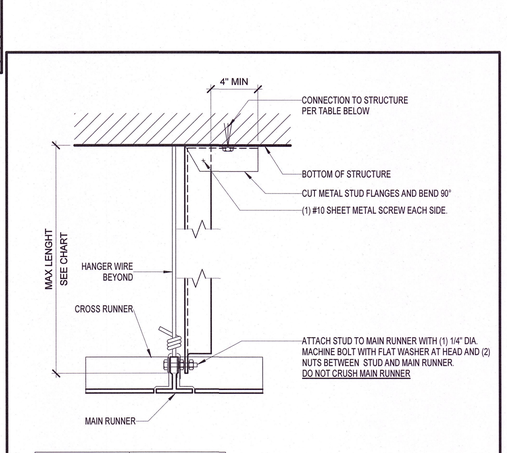
SEISMIC TIES @ CEILING N.T.S. 6



SUSPENDED LAY-IN EDGE N.T.S. 8



NEW GYP. CEILING OVER EXISTING MTL. FRAMING SCALE: 1 1/2" = 1' - 0" 7



CHANNEL SIZE	MAX LENGTH
250S125-33	5'-0"
250S137-33	6'-10"
362S137-33	8'-0"
250S137-43	8'-10"
400S137-43	10'-10"

GENERAL:
1. PROVIDE AND INSTALL POWDER DRIVEN FASTENERS (SHOT PINS) & WEDGE ANCHORS PER ICC REPORTS LISTED BELOW.
2. PROVIDE THRU WASHERS WHERE REQUIRED BY ICC REPORT.
3. OVERALL LENGTH OF FASTENER TO TAKE INTO ACCOUNT EMBEDMENT AND DEPTH OF ATTACHMENT PIECE(S). FIELD VERIFY.
4. PROVIDE STAINLESS STEEL FASTENERS AT LOCATIONS DIRECTLY EXPOSED TO THE OUTDOORS.

POWDER DRIVEN FASTENER SCHEDULE

INTO NORMAL WEIGHT CONC. [a]	SHANK DIAMETER	MIN. EMBEDMENT	ICC REPORT
HILTI X-U	0.157"	1-1/2"	ESR-2269
RAMSET 1500/1600 SERIES	0.145"	1-1/4"	ESR-1799
DRIVEN INTO STEEL			
HILTI X-U 15	0.145"	[b]	ESR-2269

[a] INSTALL AT LOWER FLUTE LOCATION AND CENTERED ON FLUTE WIDTH AT LIGHT WEIGHT CONCRETE OVER METAL DECK APPLICATIONS.

[b] DRIVEN TO WHERE POINT OF FASTENER PENETRATES THROUGH STEEL BASE MATERIAL U.N.O.

COMPRESSION STRUT SCHEDULE N.T.S. 9

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REVISIONS

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1198 N. IMPERIAL AVE., EL CENTRO, CA 92243

City El Centro Valley Center Point Plaza

ALAN W. JORGENSEN C-31291 LICENSED ARCHITECT STATE OF CALIFORNIA RenewalDate: 8/31/2025

Signed: 11/12/2024

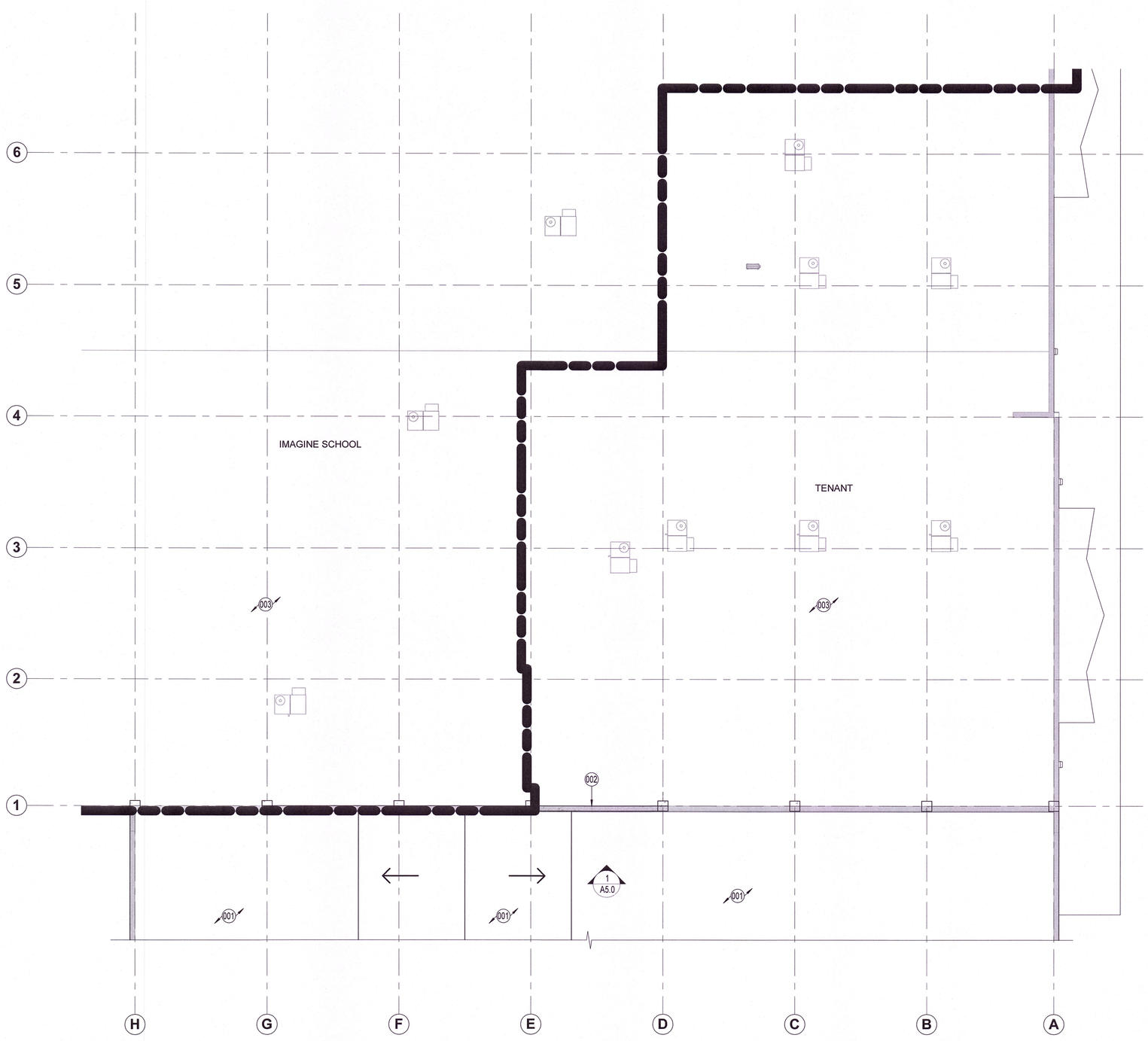
CEILING DETAILS

A3.1

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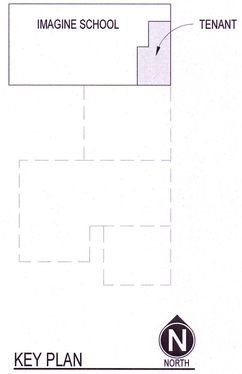
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1 Roof Plan
3/32" = 1'-0"

KEY NOTES - ROOF

TYPE	DESCRIPTION
001	BUILDING TO BE DEMOLISHED COMPLETELY.
002	PROTECT EXISTING BUILDING INCLUDING CONCRETE PARAPET AND ROOFING MATERIAL ON NORTH SIDE OF PARAPET TO MAINTAIN WATERTIGHT ROOF SYSTEM.
003	EXISTING BUILT UP ROOF SYSTEM TO REMAIN.



KEY PLAN

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ROOF PLAN

A4.0

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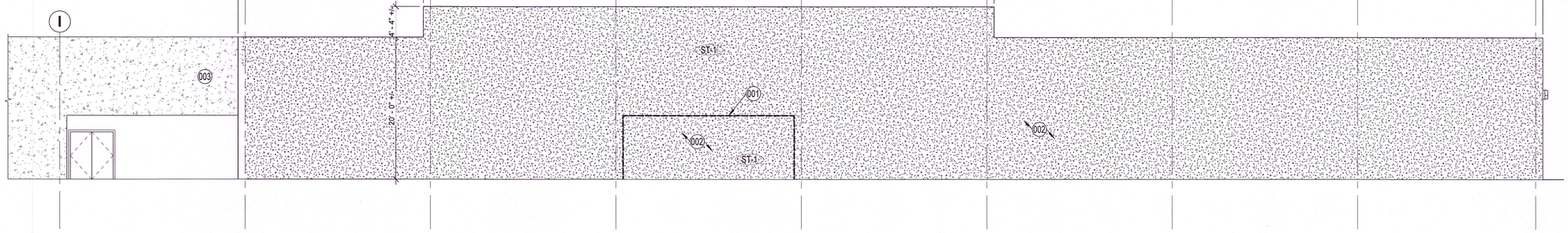
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KEY NOTES - ELEVATIONS	
TYPE	DESCRIPTION
001	CMU INFILL. SEE WALL TYPES
002	STUCCO FINISH. SEE WALL TYPES.
003	EXISTING PAINTED CONCRETE WALL TO REMAIN

* NOTE - THIS WORK SHALL BE PERFORMED WITH THE BASE BID FOR THE DEMOLITION OF THE BUILDINGS TO CREATE A WEATHERTIGHT ENVELOPE OF THE EXISTING BUILDING TO REMAIN.

MATERIAL LEGEND

- STUCCO
- EXISTING CONCRETE WALL - PAINTED



1 South Elevation
1/8" = 1'-0"

EXTERIOR MATERIAL FINISH					
KEY	DESCRIPTION	MANUFACTURER	STYLES/SERIES	COLOR	COMMENTS
ST-1	STUCCO FINISH	LAHABRA	FASTWALL 300	TBD	MATCH EXISTING FINISH AND COLOR OF EAST WALL

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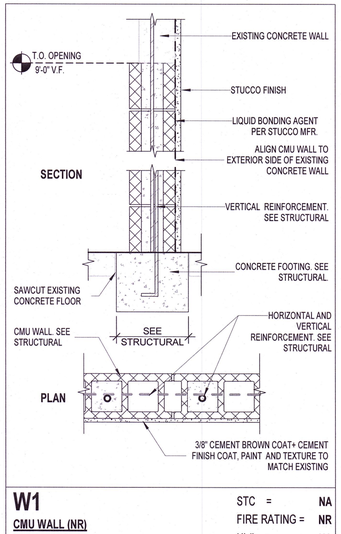
BUILDING ELEVATIONS

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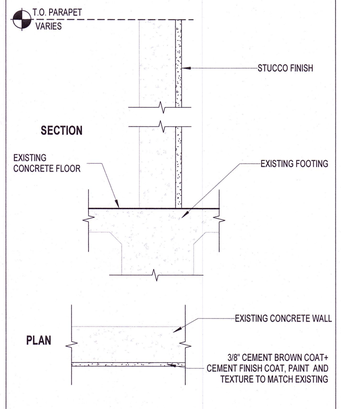
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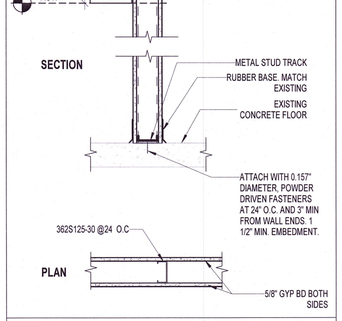
W1
CMU WALL (NR)

STC = NA
FIRE RATING = NR
UL# = NA



W2
CONCRETE WALL

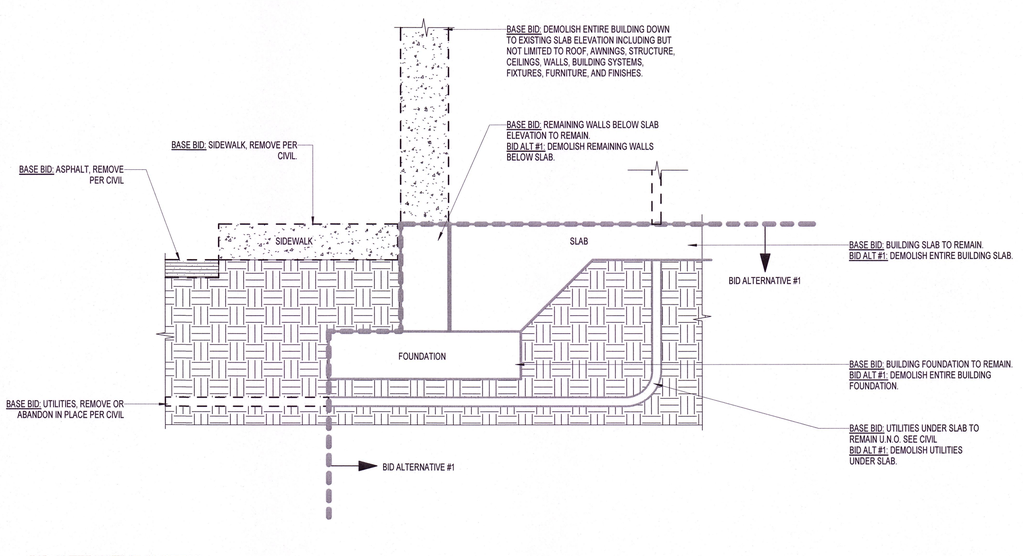
STC = NA
FIRE RATING = NR
UL# = NA



W3
METAL STUD WALL (NR)

STC = NA
FIRE RATING = NR
UL# = NA

WALL TYPES



④ BID ALTERNATIVE #1 DETAIL
1" = 1'-0"

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WALL TYPES

A6.0

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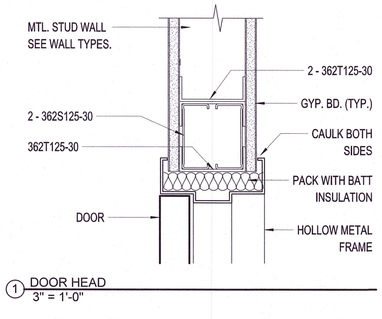
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DOOR SCHEDULE

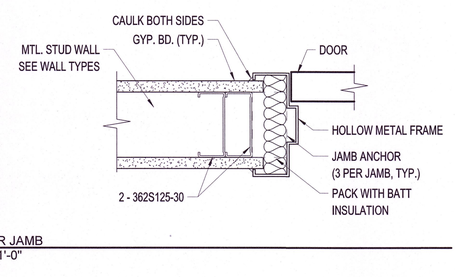
	DOOR								FRAME						DETAILS				
NUMBER	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	GAUGE	FINISH	GLAZING TYPE	TYPE	MATERIAL	GAUGE	FINISH	GLAZING TYPE	FIRE RATING	HEAD	JAMB	SILL	HARDWARE	COMMENTS
114	1	3' - 0"	6' - 8"	1 3/4"	WD	-	PL-1	-	A	HM	16	PT-1	-	-	1/A7.0	2/A7.0	3/A7.0	1	MATCH EXISTING DOORS

DOOR LEGEND

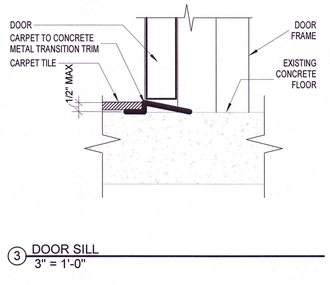
WD	SOLID WOOD CORE
HM	HOLLOW METAL
PT-1	PAINT
PL-1	FACTORY FINISH - PLASTIC LAMINATE



1 DOOR HEAD
3" = 1'-0"



2 DOOR JAMB
3" = 1'-0"



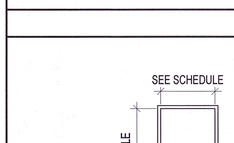
3 DOOR SILL
3" = 1'-0"

DOOR TYPES



1
FLUSH WOOD DOOR

DOOR FRAME TYPES



A
2" HOLLOW METAL STEEL FRAME (NON-INSULATED)

FRAME ANCHORS



METAL STUD
MZ

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DOOR SCHEDULE

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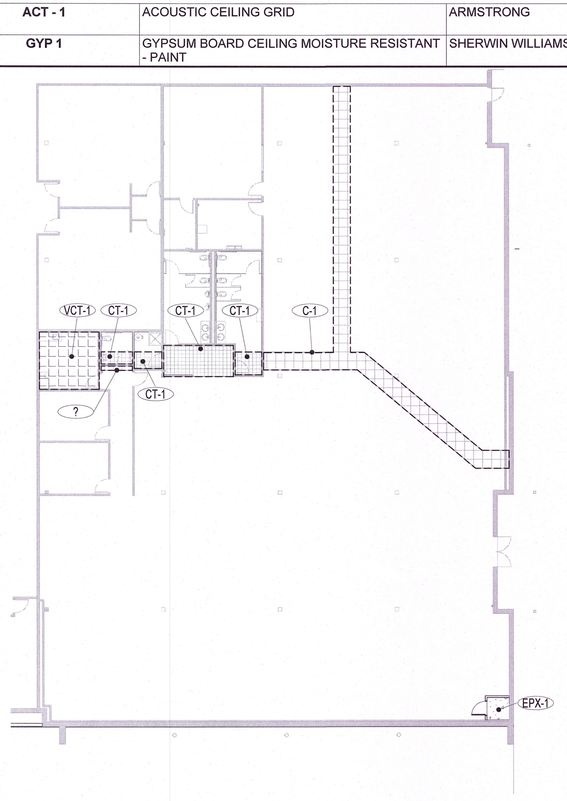
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FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH				WALL FINISH				CEILING FINISH	COMMENTS
			NORTH	EAST	SOUTH	WEST	NORTH	EAST	SOUTH	WEST		
105	WOMEN RESTROOM	CT-1	-	CB-1	CB-1	CB-1					GYP 1	
106	JANITOR	CT-1	CB-1	CB-1	CB-1	CB-1					GYP 1	
107	RESTROOM	CPT-1	-	CB-1	CB-1	CB-1					GYP 1	
108	BREAK ROOM	VCT-1	-	CB-1	CB-1	CB-1					ACT-1	
111	TENANT	C-1	-	-	-	-					ACT-1	
112	HALLWAY	CT-1	CB-1	CB-1	CB-1	CB-1					GYP 1	
114	F.R. RM.	EPX-1	RB-1	RB-1	RB-1	RB-1	PT-2	PT-2	PT-2	PT-2		CEILING - OPEN TO STRUCTURE

MATERIAL FINISH LEGEND

CODE	DESCRIPTION	MANUFACTURER	PRODUCT INFO	COMMENTS
01 FLOOR FINISH				
C-1	CARPET TILE	TBD	TBD	REMOVE, STORE, CLEAN AND REINSTALL EXISTING CARPET TILE
CT-1	CERAMIC TILE	TBD	6x6 RED QUARRY TILE	REMOVE AND REPLACE. MATCH EXISTING TILE
EPX-1	EPOXY FLOORING	KEY RESIN COMPANY	KEY HIGH-BUILD COATING SYSTEM	MATCH EXISTING ELECTRIC ROOM FLOOR COLOR
VCT-1	VINIL COMPOSITE TILE	ARMSTRONG	STANDARD EXCELON IMPERIAL TEXTURE / 51911 CLASSIC WHITE	REMOVE AND REPLACE.
02 WALL BASE				
CB-1	CERAMIC WALL BASE	TBD	4" HIGH RED QUARRY TILE	MATCH EXISTING WALL BASE
RB-1	RESILIENT - 4 " HIGH BASE TRIM	ARMSTRONG	LIGHT GRAY	MATCH EXISTING WALL BASE
03 WALL FINISH INTERIOR				
PT-1	INTERIOR HOLLOW METAL FRAMES	SHERWIN WILLIAMS	LIGHT GRAY, SEMI-GLOSS	MATCH EXISTING DOOR FRAMES
PT-2	INTERIOR WALLS	SHERWIN WILLIAMS	LIGHT GRAY, EG-SHEL	MATCH EXISTING SOUTH WALL COLOR
06 CEILING FINISH				
ACT - 1	ACOUSTIC CEILING GRID	ARMSTRONG	PRELUDE XL	MATCH EXISTING COLOR AND TRIM OF EXISTING ACT CEILING GRID
GYP 1	GYPSUM BOARD CEILING MOISTURE RESISTANT - PAINT	SHERWIN WILLIAMS	PREMIUM CEILING PAINT	MATCH EXISTING COLOR OF EXISTING CEILING GYP



2 Finish Floor Plan
1/16" = 1'-0"

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ROOM FINISH SCHEDULE

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GENERAL STRUCTURAL NOTES (APPLIES UNLESS NOTED OTHERWISE)

GENERAL:

1. ALL CONSTRUCTION SHALL CONFORM TO THE 2022 EDITION OF THE CALIFORNIA BUILDING CODE.
2. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OR SEQUENCE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. THESE MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO: BRACING, SHORING OF LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SCAFFOLDING, BRACING AND SHORING. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS. THE STRUCTURAL ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION, NOR WILL THE STRUCTURAL ENGINEER BE RESPONSIBLE FOR CONSTRUCTION SITE SAFETY, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE SITE CONDITIONS WITH THE DRAWINGS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES AND OMISSIONS SHALL BE RESOLVED WITH THE ARCHITECT. DO NOT USE SCALED DIMENSIONS.
4. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOFS SO AS NOT TO EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.
5. WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN. WHERE NO SPECIFIC DETAIL IS SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT. FOR BIDDING PURPOSES, WHERE ANY MEMBER OR STRUCTURAL ELEMENT IS SHOWN BUT NOT CALLED OUT ON THE PLANS OR DETAILS, THE LARGEST SIMILAR MEMBER OR ELEMENT USED IN THE PROJECT SHALL BE UTILIZED.
6. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND CIVIL DRAWINGS FOR LOCATION AND DETAILS OF BLOCKOUTS, INSERTS AND OPENINGS, CURBS, EQUIPMENT BASES AND PADS, SITE WORK ITEMS, ETC. AND DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
7. APPROVED EQUAL OPTIONS ARE FOR THE CONTRACTOR'S CONVENIENCE. IF AN OPTION IS CHOSEN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY AND COORDINATION OF ALL DETAILS.
8. ALL DETAILS SHOWN SHALL BE INCORPORATED INTO THE PROJECT AT ALL APPROPRIATE LOCATIONS, WHETHER SPECIFICALLY INDICATED OR NOT. TYPICAL DETAILS MAY OR MAY NOT BE CUT ON THE DRAWINGS, BUT SHALL APPLY UNLESS NOTED OTHERWISE.
9. WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.
10. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF A CIVIL OR STRUCTURAL ENGINEER REGISTERED IN THE STATE THE PROJECT IS LOCATED IN.
11. DESIGN LOADS:

SEISMIC:

SOIL SITE CLASS D

S_S = 1.71

S_1 = 0.60

S_{DS} = 1.41

SEISMIC DESIGN CATEGORY D

RISK CATEGORY II

I_E = 1.0

SPECIAL INSPECTIONS:

1. SPECIAL INSPECTIONS SHALL BE PERFORMED BY A QUALIFIED INSPECTOR APPROVED BY THE BUILDING OFFICIAL.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A MINIMUM OF 24 HOURS NOTICE TO THE SPECIAL INSPECTOR AND THE TESTING LABORATORY PRIOR TO BEGINNING ANY WORK FOR WHICH SPECIAL INSPECTION OR TESTING IS REQUIRED.
3. IN ACCORDANCE WITH IBC CHAPTER 17 SOME INSPECTIONS MAY BE MADE ON A PERIODIC BASIS AND SATISFY THE REQUIREMENTS OF CONTINUOUS INSPECTION.
4. SPECIAL INSPECTION IS REQUIRED DURING THE FOLLOWING OPERATIONS PER IBC CHAPTER 17.

1
- A. REINFORCED CONCRETE CONSTRUCTION.
  - PERIODIC INSPECTION OF REINFORCING.
  - PERIODIC INSPECTION TO VERIFY PROPER MIX DESIGN.
  - CONTINUOUS INSPECTION OF CONCRETE PLACEMENT.
- B. MASONRY WALL CONSTRUCTION.
  - PERIODIC INSPECTION OF REINFORCING, UNIT PLACEMENT AND MORTAR MIX VERIFICATION.
  - CONTINUOUS INSPECTION OF GROUT PLACEMENT.

5. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
   - A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.
   - B. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE ENGINEER OR ARCHITECT OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, TO THE ENGINEER OR ARCHITECT OF RECORD AND THE BUILDING OFFICIAL.
   - C. UPON COMPLETION OF THE ASSIGNED WORK, THE SPECIAL INSPECTOR SHALL COMPLETE AND SIGN A FINAL REPORT CERTIFYING THAT TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

FOUNDATIONS:

1. FOUNDATION DESIGN BASED ON MINIMUM INTERNATIONAL BUILDING CODE SOIL BEARING VALUE AS PERMITTED BY THE BUILDING OFFICIAL IN THE ABSENCE OF A SOIL REPORT. DESIGN SOIL BEARING PRESSURE = 1500 PSF. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR ANY GEOTECHNICAL ASPECTS OF THIS PROJECT.
2. IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR/OWNER RETAIN A REGISTERED SOILS ENGINEER TO CONDUCT A SOILS INVESTIGATION AND SUBMIT A REPORT CONTAINING RECOMMENDATIONS ON ALL FOUNDATION DESIGN AND CONSTRUCTION PROCEDURES.
3. SLOPE ALL EXTERIOR FINISHED GRADES AWAY FROM THE BUILDING TO ENSURE THAT NO PONDING OF WATER OCCURS AROUND THE BUILDING.
4. THE FOLLOWING MINIMUM EARTHWORK REQUIREMENTS SHALL BE MET:
   - A. STRIP AND REMOVE EXISTING VEGETATION, DEBRIS, CONSTRUCTION, FILL, AND OTHER DELETERIOUS MATERIALS FROM THE BUILDING AREAS. ALL EXPOSED SURFACES SHALL BE FREE FROM MOUNDS AND DEPRESSIONS WHICH COULD PREVENT UNIFORM COMPACTION.
   - B. FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOILS. IF SOILS ARE DISTURBED, THE SUBGRADE SHALL BE SCARIFIED, MOISTURE CONDITIONED, AND COMPACTED TO 95% COMPACTION (ASTM D698) FOR A MINIMUM DEPTH OF 12 INCHES.

1

REINFORCING STEEL:

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (Fy = 60 KSI) DEFORMED BARS FOR ALL BARS #4 AND LARGER. ASTM A615, GRADE 40 (Fy = 40 KSI) DEFORMED BARS FOR ALL BARS #3 AND SMALLER. REINFORCING TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60 (Fy = 60 KSI) LOW ALLOY DEFORMED BARS. NO WELDING OF REINFORCING BARS ALLOWED.
2. ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH THE LATEST EDITIONS OF ACI 318 AND THE CRSI "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION", AND AS MODIFIED BY THE DRAWINGS. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
3. ALL REINFORCING STEEL, INCLUDING WELDED WIRE FABRIC IN SLAB ON GRADE, SHALL BE ACCURATELY PLACED AND SUPPORTED BY GALVANIZED METAL CHAIRS, SPACERS OR HANGERS. PROVIDE THE FOLLOWING MINIMUM CLEAR CONCRETE COVERAGE:
   - CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH . . . . . 3"
   - EXPOSED TO EARTH OR WEATHER:
     - #6 AND LARGER . . . . . 2"
     - #5 AND SMALLER . . . . . 1 1/2"
   - COLUMNS (TO TIES) . . . . . 1 1/2"
   - BEAMS (TO STIRRUPS) . . . . . 1 1/2"
   - ALL OTHERS PER LATEST EDITION OF ACI 318
4. UNLESS NOTED OTHERWISE, LAP SPLICES IN CONCRETE SHALL BE 47". LAP SPLICES OF #5 REBAR IN GROUTED CMU SHALL BE 32". STAGGER ALTERNATE SPLICES A MINIMUM OF ONE LAP LENGTH. ALL SPLICE LOCATIONS SUBJECT TO APPROVAL AND SHALL BE MADE ONLY WHERE INDICATED ON THE DRAWINGS.
5. REINFORCING BAR SPACINGS GIVEN ARE MAXIMUM ON CENTERS. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. SKEW HOOKS AS REQUIRED FOR CONCRETE COVER. SECURELY TIE ALL BARS IN POSITION BEFORE PLACING CONCRETE. CONCRETE COLUMN DOWEL EMBEDMENT SHALL BE A STANDARD COMPRESSION DOWEL EMBEDMENT LENGTH PER THE LATEST EDITION OF ACI 318.
6. SPLICED BARS SHALL BE PLACED AT THE SAME EFFECTIVE DEPTH UNLESS NOTED OTHERWISE. REINFORCING BARS NOTED "CONTINUOUS" OR WITH LENGTH NOT SHOWN SHALL BE FULLY CONTINUOUS AND SPLICED ONLY AS SHOWN, OR WHERE APPROVED BY THE ENGINEER.
7. REINFORCING BAR HOOKS SHALL BE STANDARD ACI HOOKS UNLESS NOTED OTHERWISE.

CAST-IN-PLACE CONCRETE:

1. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PLACEMENT SHALL BE PER ACI 304R AND 304.2R AS APPLICABLE.
2. CONCRETE SHALL BE READY MIXED CONCRETE IN ACCORDANCE WITH ASTM C94 OR SITE MIXED CONCRETE BY MEANS OF PRE-BLENDED SACKS PER ASTM C387. MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE 3000 PSI.
3. CEMENT SHALL CONFORM TO ASTM C150, TYPE II/V. AGGREGATE PER ASTM C33. READY MIX CONCRETE MIX DESIGNS SHALL BE DESIGNED BY THE CONCRETE PRODUCTION FACILITY IN ACCORDANCE WITH ACI 301 AND REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION. MAXIMUM SLUMP SHALL BE 4".
4. CONCRETE SHALL BE FREE OF CHLORIDE. FLY ASH SHALL CONFORM TO ASTM C618, CLASS F. FLY ASH SHALL NOT REPLACE MORE THAN 25% OF CEMENT BY WEIGHT.
5. CONCRETE SHALL NOT BE DROPPED MORE THAN FIVE FEET VERTICALLY WITHOUT USE OF TREMIES.
6. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED.
7. HOT WEATHER CONCRETING SHALL BE AS DESCRIBED AND SPECIFIED BY ACI 301, ACI 305R, ACI 305.1 AND ASTM C94 EXCEPT WHERE MODIFIED BY CONTRACT DOCUMENTS. DEFINED LIMITATIONS ARE AS FOLLOWS:
   - A. DISCHARGE OF CONCRETE SHALL BE COMPLETED WITHIN 90 MINUTES OR 300 MIXING REVOLUTIONS OF THE MIXER TRUCK, WHICHEVER COMES FIRST. THIS LIMITATION MAY BE WAIVED PROVIDED A SLUMP TEST DEMONSTRATES THAT THE CONCRETE SLUMP MEETS PROJECT CRITERIA IN ADDITION TO REQUIRED AIR CONTENT AND TEMPERATURE WITHOUT THE RETEMPERING OF CONCRETE. THIS WAIVER REQUEST MUST BE SUBMITTED IN WRITING PRIOR TO COMMENCEMENT OF CONCRETE PLACEMENT.
   - B. TEMPERATURE CRITERIA:
     - i. TEMPERATURE OF CONCRETE AS PLACED SHALL NOT EXCEED 95° F WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.
     - ii. WHEN TEMPERATURE OF THE STEEL REINFORCEMENT, EMBEDMENTS OR FORMS EXCEED 120° F FOGGING OF SAID ITEMS IMMEDIATELY BEFORE CONCRETE PLACEMENT IS REQUIRED.
   - C. RETEMPERING OF CONCRETE IS NOT PERMITTED.
8. CURE EXPOSED CONCRETE FOR A MINIMUM OF 7 DAYS IN ACCORDANCE WITH ACI 301 AND 308R PROCEDURES IN ORDER TO PREVENT CRACKING. CURE WITH CURING AND SEALING COMPOUND, MOIST CURING, MOISTURE-RETAINING COVER CURING, OR COMBINATIONS THEREOF.
9. CONCRETE COMPRESSIVE STRENGTH AND SLUMP SHALL BE TESTED PER ASTM C31, C39 AND C143. PROVIDE 3 CYLINDERS PER TEST NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE EACH 150 CUBIC YARDS OF CONCRETE, NOR LESS THAN ONCE EACH 5,000 SQUARE FEET OF SURFACE AREA FOR SLABS OR WALLS OR AS DIRECTED BY THE ARCHITECT. TEST ONE CYLINDER AT 7 DAYS AND TWO AT 28 DAYS. TESTING SHALL BE DONE BY A QUALIFIED TESTING LABORATORY.

MASONRY:

1. MASONRY WORK SHALL CONFORM TO ALL REQUIREMENTS OF IBC 2018 CHAPTER AND TMS 402/602-16 "BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES".
2. REINFORCED CONCRETE MASONRY WALL MATERIALS OF CONSTRUCTION:

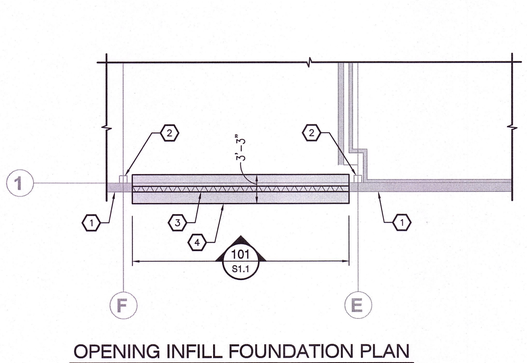
   NET COMPRESSIVE STRENGTH, f'm = 2,000 PSI BASED ON UNIT STRENGTH METHOD

   HOLLOW CONCRETE MASONRY UNITS (CMU):
   ASTM C90, 2,000 PSI AVERAGE NET COMPRESSIVE STRENGTH TESTED PER ASTM C140

   MORTAR:
   MORTAR SHALL BE CEMENT-LIME TYPE S WITH AN AVERAGE COMPRESSIVE STRENGTH OF 1,800 PSI AT 28 DAY PER ASTM C270 PROPERTY SPECIFICATION. PRE-BLENDED MORTAR MIX SHALL MEET THE REQUIREMENTS OF ASTM C1714. MORTAR CEMENT OR MASONRY CEMENT SHALL NOT BE USED. MORTAR SHALL BE TESTED PER ASTM C780.

   GROUT:
   ASTM C476 COARSE OR FINE GROUT. 2,000 PSI COMPRESSIVE STRENGTH TESTED PER ASTM C1019

3. HORIZONTAL JOINT REINFORCING SHALL BE LADDER TYPE IN MASONRY WALLS WITH No. 9 GAGE WIRE CONFORMING TO ASTM A951. PROVIDE MINIMUM 12" LAPS AT ALL SPLICES.
4. SEE DETAILS AND NOTES ON DRAWINGS FOR SIZE AND SPACING OF REINFORCING BARS. SEE LAP REINFORCING SCHEDULE FOR LAP SPLICES OF REINFORCING IN MASONRY. REINFORCING SHALL BE SECURED AGAINST DISPLACEMENT AT GROUT LIFTS 8'-0" AND GREATER IN HEIGHT WITH WIRE POSITIONERS AT EACH GROUT LIFT AND AT INTERVALS NOT EXCEEDING 8'-0" VERTICALLY. PROVIDE VERTICAL DOWELS FROM FOOTINGS CONTINUOUS THROUGH STEM WALLS INTO MASONRY ABOVE. DOWELS SHALL MATCH SIZE AND SPACING OF ALL VERTICAL REINFORCING. EXTEND ALL HORIZONTAL BOND BEAM REINFORCING IN MASONRY CONTINUOUS AROUND CORNERS AND INTERSECTIONS OR PROVIDE BENT CORNER BARS TO MATCH AND LAP HORIZONTAL BOND BEAM REINFORCING AT CORNERS AND INTERSECTIONS. ALL REINFORCING IN MASONRY SHALL BE ACCURATELY LOCATED PRIOR TO GROUTING AND THE POSITION MAINTAINED DURING GROUTING.
5. ALL CELLS AND COURSES SHALL BE FILLED SOLID WITH GROUT. MAXIMUM GROUT POUR SHALL BE 12'-0" WITH EACH GROUT POUR STOPPING 1-1/2 INCHES BELOW THE TOP COURSE OF POUR. PROVIDE CLEANOUTS IF GROUT POUR EXCEEDS 5'-4". PLACE GROUT CONTINUOUSLY. DO NOT INTERRUPT GROUTING FOR MORE THAN ONE HOUR. MECHANICALLY VIBRATE GROUT IN VERTICAL SPACES IMMEDIATELY AFTER POURING AND AGAIN ABOUT 5 MINUTES LATER. RODDING OF GROUT IS NOT ACCEPTABLE.
6. A MINIMUM 1" GROUT SPACE IS REQUIRED BETWEEN ANCHOR AND FACE SHELLS.
7. MORTAR SHALL BE TESTED FOR THE FIRST DAY'S WORK AND EVERY 3 DAYS THEREAFTER, OR AS DIRECTED BY ARCHITECT. GROUT SHALL BE TESTED FOR EACH LIFT OR FOR EACH 2,000 SQUARE FEET OF WALL, WHICHEVER PROVIDES THE GREATEST AMOUNT OF TESTING, OR AS DIRECTED BY ARCHITECT. PROVIDE 3 SAMPLES PER MORTAR OR GROUT TEST. TEST ONE SAMPLE AT 7 DAYS AND TWO AT 28 DAYS. ALL TESTING DONE BY A QUALIFIED TESTING LABORATORY.
8. HOT WEATHER CONSTRUCTION - IMPLEMENT APPROVED HOT WEATHER PROCEDURES AND COMPLY WITH THE FOLLOWING PROVISIONS:
   - A. PREPARATION - PRIOR TO CONDUCTING MASONRY WORK:
     - i. WHEN AMBIENT AIR TEMPERATURE EXCEEDS 100°F (37.8°C), OR EXCEEDS 90°F (32.2°C) WITH A WIND VELOCITY GREATER THAN 8 MPH (12.9 KM/HR):
       - MAINTAIN SAND PILES IN A DAMP, LOOSE CONDITION.
       - PROVIDE NECESSARY CONDITIONS AND EQUIPMENT TO PRODUCE MORTAR HAVING A TEMPERATURE BELOW 120°F (48.9°C).
     - ii. WHEN THE AMBIENT TEMPERATURE EXCEEDS 115°F (46.1°C), OR EXCEEDS 105°F (40.6°C) WITH A WIND VELOCITY GREATER THAN 8 MPH (12.9 KM/HR), IMPLEMENT THE REQUIREMENTS OF ARTICLE 1.8 D.1.a AND SHADE MATERIALS AND MIXING EQUIPMENT FROM DIRECT SUNLIGHT.
   - B. CONSTRUCTION - WHILE MASONRY WORK IS IN PROGRESS:
     - i. WHEN AMBIENT AIR TEMPERATURE EXCEEDS 100°F (37.8°C), OR EXCEEDS 90°F (32.2°C) WITH A WIND VELOCITY GREATER THAN 8 MPH (12.9 KM/HR):
       - MAINTAIN TEMPERATURE OF MORTAR AND GROUT BELOW 120°F (48.9°C).
       - FLUSH MIXER, MORTAR TRANSPORT CONTAINER, AND MORTAR BOARDS WITH COOL WATER BEFORE THEY COME INTO CONTACT WITH MORTAR INGREDIENTS OR MORTAR.
       - MAINTAIN MORTAR CONSISTENCY BY RETEMPERING WITH COOL WATER.
       - USE MORTAR WITHIN 2 HOURS OF INITIAL MIXING.
     - ii. WHEN THE AMBIENT TEMPERATURE EXCEEDS 115°F (46.1°C), OR EXCEEDS 105°F (40.6°C) WITH A WIND VELOCITY GREATER THAN 8 MPH (12.9 KM/HR), IMPLEMENT THE REQUIREMENTS OF 10.B.2 AND USE COOL MIXING WATER FOR MORTAR AND GROUT. ICE IS PERMITTED IN THE MIXING WATER PRIOR TO USE. DO NOT PERMIT ICE IN THE MIXING WATER WHEN ADDED TO THE OTHER MORTAR OR GROUT MATERIALS.
   - C. PROTECTION - WHEN THE MEAN DAILY TEMPERATURE EXCEEDS 100°F (37.8°C) OR EXCEEDS 90°F (32.2°C) WITH A WIND VELOCITY GREATER THAN 8 MPH (12.9 KM/HR), FOG SPRAY ALL NEWLY CONSTRUCTED MASONRY UNTIL DAMP, AT LEAST THREE TIMES A DAY UNTIL THE MASONRY IS THREE DAYS OLD.



OPENING INFILL FOUNDATION PLAN

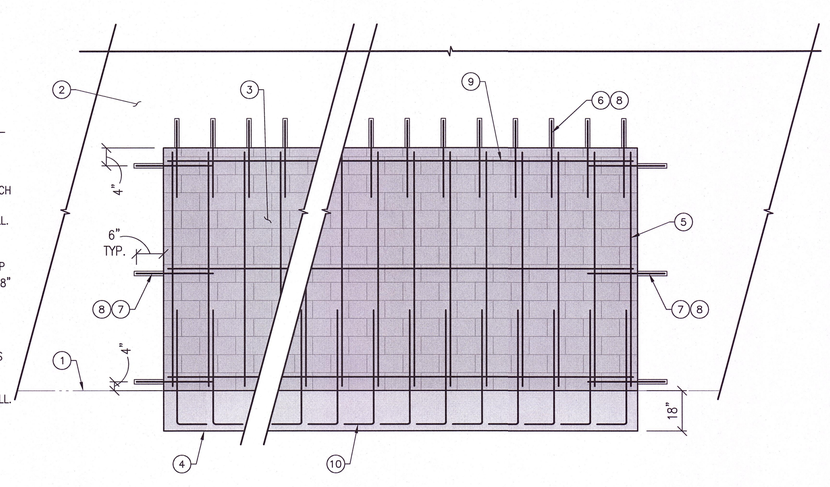
SCALE: 1/8" = 1'-0

PLAN KEYNOTES:

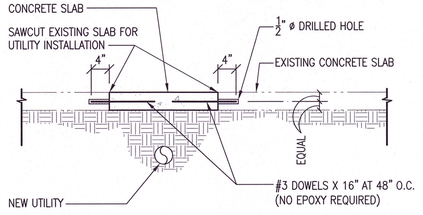
1. EXISTING 6" CONCRETE WALL.
2. EXISTING STEEL COLUMN.
3. 8" SOLID GROUTED CMU WALL WITH #5 VERTICAL AT 16" O.C. AND #5 HORIZONTAL AT 48" O.C.
4. CONCRETE FOOTING.

KEYNOTES: (#)

1. TOP OF SLAB OR BOTTOM OF EXISTING OPENING.
2. EXISTING WALL.
3. NEW CMU.
4. CONCRETE FOOTING WITH 3 - #5 X CONTINUOUS AND #5 AT 16" O.C. TRANSVERSE AT TOP AND BOTTOM.
5. #5 VERTICAL LAPPED WITH DOWELS - TYPICAL. SPACING PER PLAN KEYNOTES.
6. 5/8" ø SMOOTH DOWELS X 24" AT EACH SIDE OF OPENING AND AT 16" O.C. BETWEEN - TYPICAL AT TOP OF WALL. CENTERED IN (E) WALL.
7. 5/8" ø SMOOTH DOWELS X 24" AT TOP AND BOTTOM OF OPENING AND AT 48" O.C. BETWEEN - TYPICAL AT BOTH SIDES OF WALL. CENTERED IN (E) WALL.
8. DOWELS SET IN 3/4" ø DRILLED HOLES AT EXISTING CONCRETE WALL.
9. 1 - #5 HORIZONTAL AT TOP OF WALL.
10. VERTICAL DOWELS X 10" TO MATCH AND LAP VERTICAL REINFORCING IN WALL.



101 NEW CMU IN EXISTING WALL OPENING



NOTE:
IF THE LAYOUT OF SAWCUTS IN EXISTING SLAB, CREATES RE-ENTRANT CORNER CONDITIONS IN NEW CONCRETE. PROVIDE #4 X 4'-0" LONG DOWELS CENTERED ON CORNER TO PREVENT CRACKS

102 TYPICAL CONCRETE SLAB CONNECTION TO EXISTING CONCRETE SLAB

TYPICAL DETAIL - APPLIES U.N.O.

RCSE JOB NUMBER: 22083

Campbell STRUCTURAL
Robert L. Campbell Structural Engineer, P.C.
200 E. 16TH STREET, STE. 100
YUMA, ARIZONA 85364
PH: (928) 726-2646

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NICKLAUS ENGINEERING, INC.
1851 West 24th Street
Yuma, AZ 85364
(928) 344-8374
www.nelaw.com

JOB NO.	022-0199.00000
DESIGN	R.CAMPBELL
DRAWN	E.JIMENEZ

REVISIONS

#	DATE	DESCRIPTION
1	11/5/24	'COMMENT LETTER DATED 7/25/24'

1198 N. IMPERIAL AVE., EL CENTRO CA 92243

City El Centro
Valley Center Point Plaza

REGISTERED PROFESSIONAL ENGINEER ROBERT LEE CAMPBELL S4008 STRUCTURAL STATE OF CALIFORNIA

Sealed 11/05/2024

GENERAL STRUCTURAL NOTES AND DETAILS

S1.1

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El Centro Fire Department
Flow Test Information Sheet

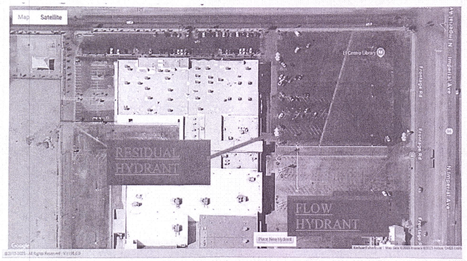
APPROVED

Location of Property: 1150 N Imperial Ave.
(Address)

Date & Time of Test: 04/11/2025 Time: 10:50 am

Test Conducted by:	Adam Avila (Name)	Captain (Title)	3590 (ID#)
Test Witnessed by:	Matthew Zinn (Name)	Engineer (Title)	3597 (ID#)

Area Map



Flow Test Data

	Flow Hydrant Pressure	Residual Hydrant Pressure	Flow GPM	Calculated GPM @ 20 PSI
PSI Static	0	60	0	0
PSI Flowing	26	50	1732	1128
PSI @ 90 Secc.	30	52	1860	1221
	Flow Hydrant No.	Residual Hyd. No.	Nozzle ID	Nozzle Coefficient
NOBEL Hyd #'s	23-1220	12-12110	4 in.	.712

J/Fire/Admin/Hydrant Flows



1 PLUMBING DEMO FLOOR PLAN
1/8" = 1'-0"

PLUMBING DEMOLITION NOTES

- COORDINATE DEMOLITION OF ALL OVERHEAD, IN WALL, AND BELOW FLOOR PLUMBING ITEMS WITH OTHER TRADES.
- COORDINATE DEMOLITION SCHEDULE AND HOURS OF WORK WITH THE OWNER AND/OR ARCHITECT.
- CONTRACTOR SHALL MAINTAIN PREMISES IN CLEAN CONDITION AT END OF EACH DAY AND THOROUGHLY CLEAN-UP AT END OF CONSTRUCTION.
- COORDINATE PROPER DISPOSAL OF ALL DEMOLITION ITEMS WITH OWNER AND/OR ARCHITECT.
- ALL PLUMBING EQUIPMENT AND PIPING HAS BEEN SHOWN BASED UPON CURRENT AVAILABLE DRAWINGS AND NON EVASIVE SITE INSPECTIONS. IF PIPING AND EQUIPMENT IS NOT ACCORDING TO THE DRAWING, CONTACT ARCHITECT/ENGINEER FOR DIRECTION. ADDITIONAL DEMOLITION THAT MAY RESULT WILL NOT CONSTITUTE AN ADDITIONAL COST TO THE PROJECT.

GENERAL NOTES:

A. CONTRACTOR MUST VERIFY EXISTING WASTE PIPING LOCATIONS AND SIZING AND VERIFY NEW WASTE PIPING CAN BE INSTALLED WITH THE PROPER SLOPE BEFORE BEGINNING WORK.
B. CONTRACTOR MUST VERIFY EXISTING WATER SUPPLY PIPING AND LOCATIONS, BEFORE BEGINNING WORK.
C. THESE SHEETS ARE NOT APPROVED FOR THE DEMOLITION, RELOCATION, REMOVAL, MODIFICATION OR INSTALLATION OF ANY FIRE ALARM, FIRE PROTECTION UNDERGROUND OR FIRE SPRINKLER/SUPPRESSION COMPONENTS. IF ANY FIRE ALARM OR FIRE SPRINKLER /SUPPRESSION WORK IS REQUIRED FOR THIS SCOPE, A SEPARATE SUBMITTAL TO THE CITY OF EL CENTRO FIRE DEPARTMENT FOR REVIEW AND APPROVAL IS REQUIRED BY THE INSTALLING C-10 /C-16 LICENSED CONTRACTOR PRIOR TO ANY DEMOLITION, MODIFICATION OR INSTALLATION OF ANY FIRE PROTECTION COMPONENTS.

KEYNOTES:

1. DEMO EXISTING SEWER MAIN SHOWN DASHED.
2. CAP EXISTING GM MAIN.
3. EXISTING FIXTURE TO REMAIN AS-IS.
4. EXISTING WAT. HTR. TO REMAIN AS-IS.
5. LIMIT OF SEWER PIPING REPLACEMENT.

NICKLAUS ENGINEERING, INC.
1851 West 24th Street
Yuma, Arizona 85364
(928) 344-8374
www.neiaw.com

JOB NO.	22363
DESIGN	PEH
DRAWN	TTT

REVISIONS

#	DATE	DESCRIPTION
2	4/2/2025	CITY COMMENTS

1150 N IMPERIAL AVE.
EL CENTRO, CA 92243

El Centro Valley Center Point Plaza Renovation

REGISTERED PROFESSIONAL ENGINEER
STEPHEN R. CHANDLEY
M31418
4/3/24
MECHANICAL
STATE OF CALIFORNIA

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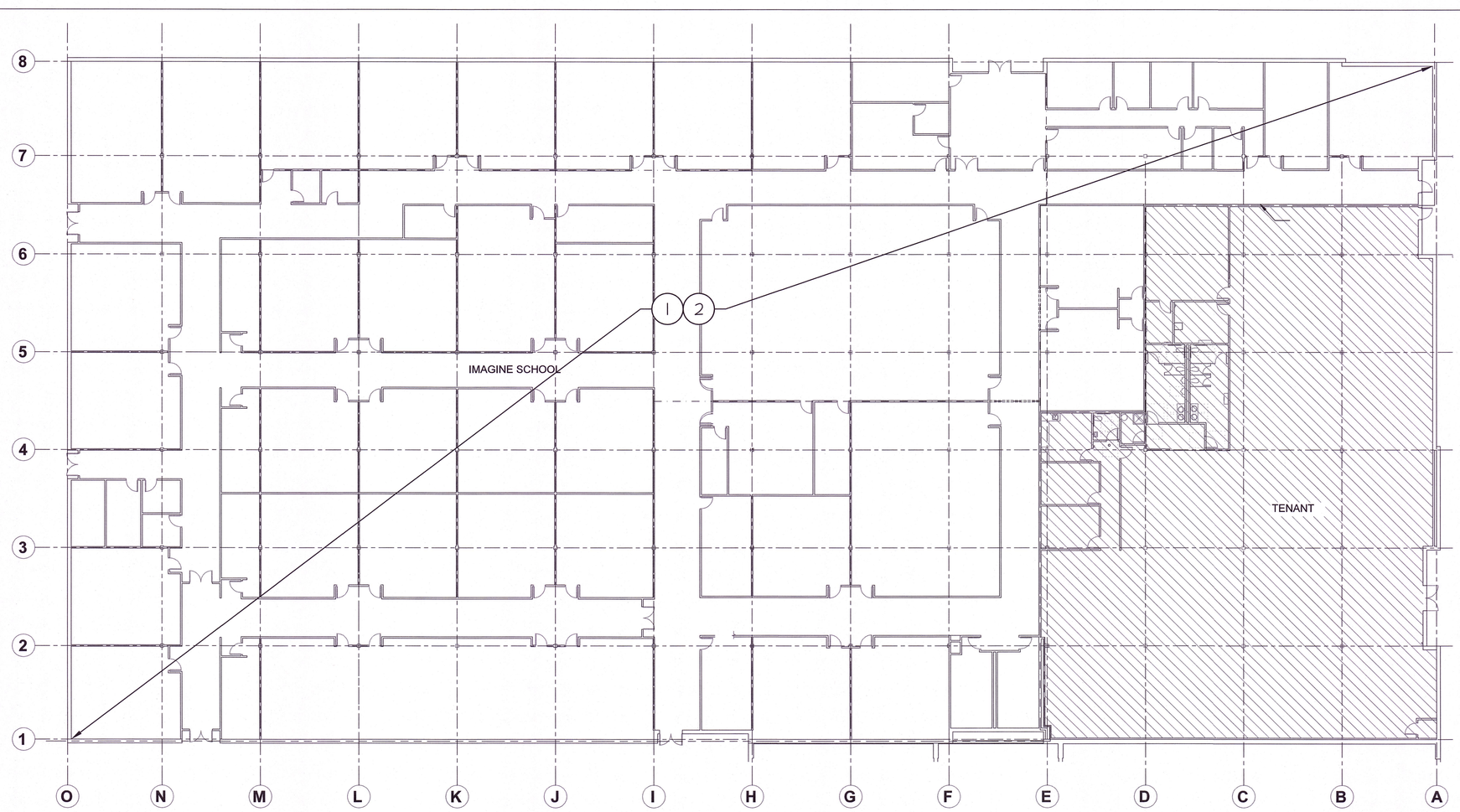
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PLUMBING DEMO FLOOR PLAN

P-0.0

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11/3/2023 9:58 AM



1 PLUMBING OVERALL FLOOR PLAN
1/16" = 1'-0"

GENERAL NOTES:

A. CONTRACTOR MUST VERIFY EXISTING WASTE PIPING LOCATIONS AND SIZING AND VERIFY NEW WASTE PIPING CAN BE INSTALLED WITH THE PROPER SLOPE BEFORE BEGINNING WORK.
B. CONTRACTOR MUST VERIFY EXISTING WATER SUPPLY PIPING AND LOCATIONS, BEFORE BEGINNING WORK.
C. CONTRACTOR TO FIELD VERIFY EXISTING FIRE SPRINKLER SYSTEM TO DETERMINE HOW MUCH CAN BE REUSES.
D. THESE SHEETS ARE NOT APPROVED FOR THE DEMOLITION, RELOCATION, REMOVAL, MODIFICATION OR INSTALLATION OF ANY FIRE ALARM, FIRE PROTECTION UNDERGROUND OR FIRE SPRINKLER/SUPPRESSION COMPONENTS. IF ANY FIRE ALARM OR FIRE SPRINKLER /SUPPRESSION WORK IS REQUIRED FOR THIS SCOPE, A SEPARATE SUBMITTAL TO THE CITY OF EL CENTRO FIRE DEPARTMENT FOR REVIEW AND APPROVAL IS REQUIRED BY THE INSTALLING C-10 /C-16 LICENSED CONTRACTOR PRIOR TO ANY DEMOLITION, MODIFICATION OR INSTALLATION OF ANY FIRE PROTECTION COMPONENTS.

KEYNOTES:

1. THE FIRE PROTECTION CONTRACTOR SHALL ALSO PROVIDE NEW FIRE CALCULATIONS FOR THE EXISTING SCHOOL AREA TO DETERMINE HOW MUCH OF THE EXISTING PIPING IS AFFECTED BY THE CAPPING OF EXISTING FIRE LINES AT THE DEMISING WALL BETWEEN THE CITY TENANT SPACE AND THE SCHOOL.
2. THE SCHOOL EXISTING FIRE PROTECTION PIPING SHALL BE MODIFIED AS REQUIRED TO BE COMPLETELY IN THE SCHOOL AREA. RE-USE AS MUCH OF THE EXISTING FIRE PIPING AS POSSIBLE.

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Yuma, Arizona 85364
(928) 344-8374
www.nelaw.com

JOB NO.	22363
DESIGN	PEH
DRAWN	TTT

REVISIONS

#	DATE	DESCRIPTION
2	4/2/2025	CITY COMMENTS

1150 N IMPERIAL AVE.
EL CENTRO, CA 92243

El Centro Valley Center Point Plaza Renovation

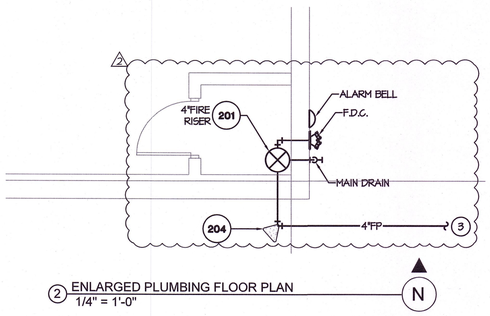
REGISTERED PROFESSIONAL ENGINEER
STEPHEN R. CHANDLER
M31418
4/3/24
MECHANICAL
STATE OF CALIFORNIA

PLUMBING OVERALL FLOOR PLAN

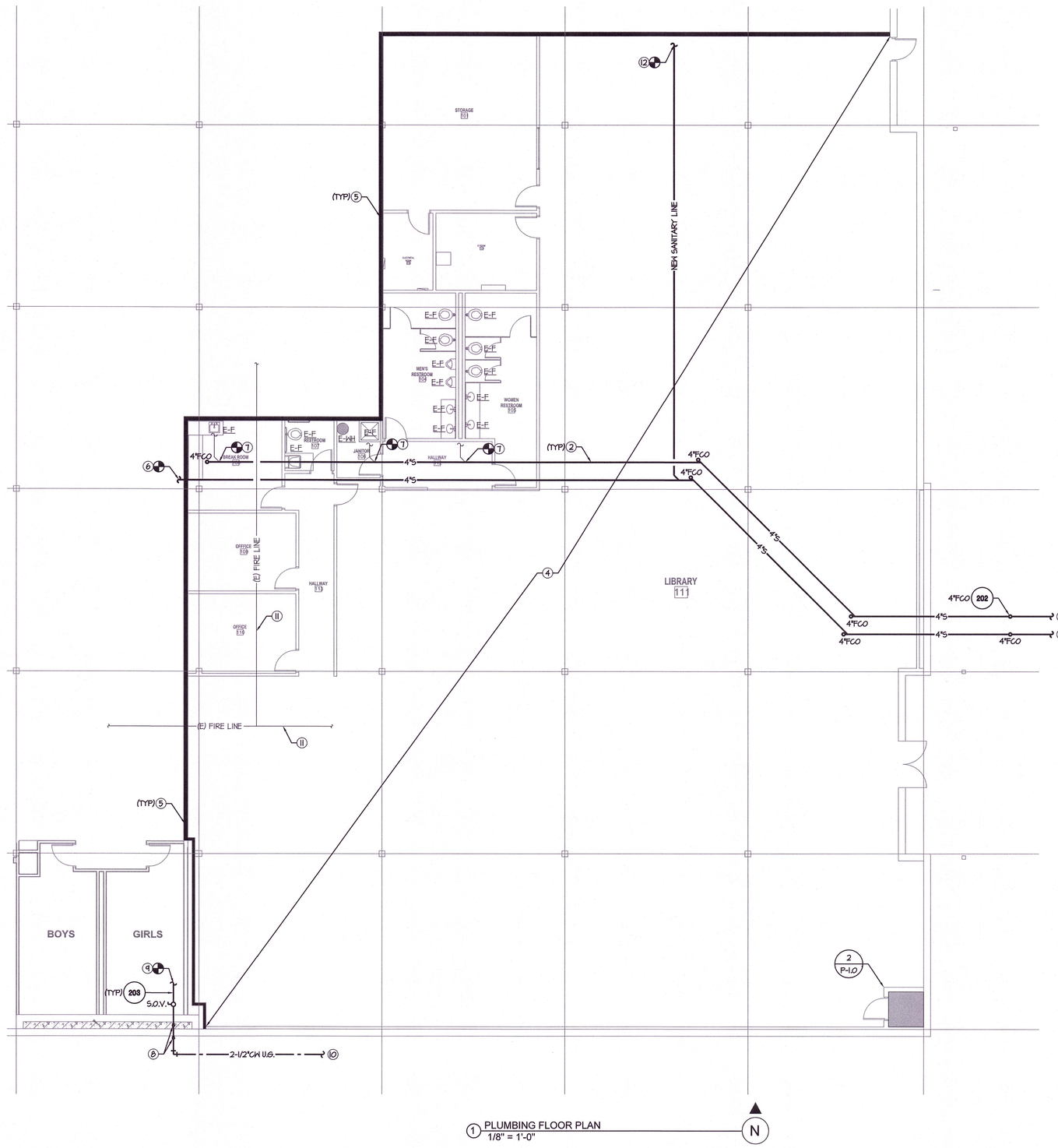
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2 ENLARGED PLUMBING FLOOR PLAN
1/4" = 1'-0"



1 PLUMBING FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

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B. CONTRACTOR MUST VERIFY EXISTING WATER SUPPLY PIPING AND LOCATIONS, BEFORE BEGINNING WORK.
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KEYNOTES:

1. FOR CONT. OF 4"S SEE SITE PLANS.
2. CONN. (E) FIXTURE WASTE LINE IN LIBRARY TO NEW 4"S. CONTRACTOR TO DETERMINE EXISTING PIPE LOCATIONS AND DECIDED THE BEST POSSIBLE SAW CUT FOR CONNECTION.
3. FOR CONT. OF 4"FP SEE SITE PLANS.
4. THE CONTRACTOR SHALL BID THE FIRE PROTECTION WITH ALL NEW PIPING & SPRINKLER HEADS. DURING CONSTRUCTION THE CONTRACTOR SHALL EVALUATE THE EXISTING FIRE PIPING AND REUSE AS APPLICABLE. THE CONTRACTOR SHALL PROVIDE A CREDIT FOR THE PIPING RE-USED.
5. CAP ALL FIRE SPRINKLER PIPING EXTENDING FROM THE EXISTING SCHOOL INTO THE LIBRARY AREA. THE CAP SHALL BE LOCATED IN THE SCHOOL AREA.
6. CONN. (E) SEWER MAIN TO 4"S TO BACK-FEED (E) FIXTURES IN SCHOOL.
7. CONN. (E) SEWER LINE TO 4"S TO BACK-FEED (E) FIXTURE.
8. 2-1/2"CW UP IN WALL TO BLDG. CLG. SPACE. PROVIDE BLDG. S.O.V. AT VERTICAL.
9. CONN. 2-1/2"CW TO (E) CW MAIN IN RESTROOM CLG. SPACE.
10. FOR CONT. OF 2-1/2"CW U.G., 2-1/2"RPBP & 2" WATER METER LOCATION SEE CIVIL SITE PLANS.
11. EXISTING FIRE MAIN FEEDING BOTH SIDES OF SCHOOL AREA. THIS MAIN WILL NEED TO BE ELIMINATED.
12. CONN. NEW SANITARY TO (E) SANITARY LINE IN SCHOOL. CONTRACTOR TO MATCH NEW SANITARY SIZE WITH EXISTING SANITARY SIZE IN SCHOOL.

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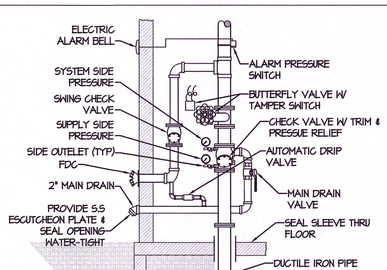
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STATE OF CALIFORNIA

PLUMBING FLOOR PLANS

P-1.1

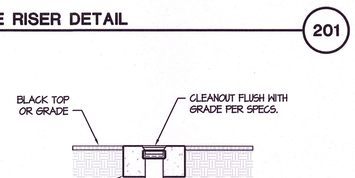
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FIRE RISER DETAIL 201

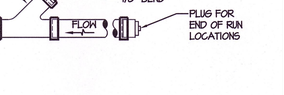
N.T.S.

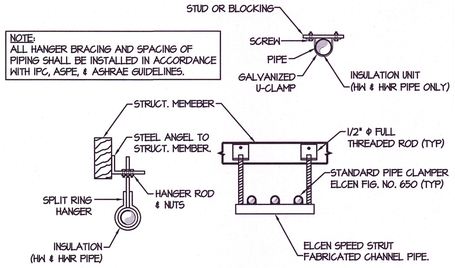


SURFACE CLEANOUT DETAIL 202

N.T.S.

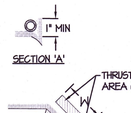
NOTE:
ALL HANGER BRACING AND SPACING OF PIPING SHALL BE INSTALLED IN ACCORDANCE WITH IPC, ASPE, & ASHRAE GUIDELINES.





PIPE SUPPORT DETAIL 203

N.T.S.



GENERAL NOTES:

1. TABLE IS BASED ON #3000/SQ. FT. SOIL. IF CONDITIONS ARE FOUND TO INDICATE SOIL BEARING IS LESS, THE AREA SHALL BE INCREASED ACCORDINGLY.
2. FORM ALL NON-BEARING VERTICAL SURFACES.

MINIMUM THRUST BLOCK AREA REQUIRED (Y x W)

PIPE SIZE	WATER PIPE: TEE, DEAD END, 90° BEND.
4" & LESS	3 SQ. FT.
6"	4 SQ. FT.

NOTE: THRUST BLOCKS ARE TO EXTEND TO UNDISTURBED GROUND. CONCRETE TO BE CLASS C, SECT 725.

THRUST BLOCK DETAIL 204

N.T.S.

PLUMBING PLAN NOTES

PART 1 GENERAL REQUIREMENTS:

1.01 ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL CODES, LAWS, RULES AND REGULATIONS OF ALL NATIONAL, COUNTY, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PREMISES. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE 2022 CALIFORNIA PLUMBING CODE (CPC 22), THE CALIFORNIA BUILDING CODE (CBC 22) AND THE CALIFORNIA FIRE CODE (105.4.1 CFC 22). IN CASE OF DIFFERENCES, SAID REGULATIONS SHALL GOVERN. HOWEVER, THIS SHALL NOT BE CONSTRUED TO RELIEVE THE CONTRACTOR FROM COMPLYING WITH REQUIREMENTS OF THE PLANS AND SPECIFICATIONS, WHICH MAY BE IN EXCESS OF CODE REQUIREMENTS.

1.02 PLUMBING DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW THE APPROXIMATE LOCATION OF FIXTURES, EQUIPMENT AND PIPING. DIMENSIONS GIVEN IN FIGURES ON THE PLANS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND ALL DIMENSIONS, WHETHER GIVEN IN FIGURES OR SCALED, SHALL BE VERIFIED IN THE FIELD.

1.03 BEFORE SUBMITTING A BID, THE CONTRACTOR SHALL CAREFULLY STUDY THE MECHANICAL AND PLUMBING DRAWINGS AND ALL ASSOCIATED CONSTRUCTION DOCUMENTS. HE SHALL ALSO MAKE A CAREFUL EXAMINATION OF THE PREMISES AND ANY EXISTING CONDITIONS, INCLUDING INVERTS TO ENSURE PROPER SLOPE MAY BE OBTAINED. HE SHALL DETERMINE, IN ADVANCE, THE METHODS OF INSTALLING AND CONNECTING THE APPARATUS, THE MEANS TO BE PROVIDED FOR GETTING THE EQUIPMENT INTO PLACE, AND SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH ALL OF THE REQUIREMENTS OF THE CONTRACT.

1.04 BY THE ACT OF SUBMITTING A PROPOSAL FOR THE WORK REQUIRED AND INCLUDED IN THE CONTRACT, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH STUDY AND EXAMINATION, AND TO BE FAMILIAR WITH AND ACCEPT ALL CONDITIONS OF THE SITE.

1.05 MAKE ARRANGEMENTS FOR AND PAY FOR ALL FEES, PERMITS, LICENSES, CONNECTION CHARGES AND INSPECTIONS REQUIRED FOR PLUMBING WORK. PERFORM REQUIRED TESTS AND SECURE REQUIRED INSPECTIONS PRIOR TO BACK-FILLING.

1.06 WRAP ALL PIPING IN BLOCK WALLS OR PENETRATING CONCRETE WITH 10 MIL POLYVINYL TAPE.

1.07 CONTRACTOR SHALL FURNISH ANY MISCELLANEOUS ITEMS NORMALLY USED, SPECIFICALLY MENTIONED OR NOT, TO RENDER A COMPLETE INSTALLATION.

1.08 ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURES REQUIREMENTS. EQUAL EQUIPMENT MAY BE USED ON THE PROJECT. IT IS THE CONTRACTORS RESPONSIBILITY TO CONFIRM THAT SUCH EQUIPMENT HAS EQUAL CAPACITY, THE SAME ELECTRICAL CHARACTERISTICS, AND SUBSTANTIALLY THE SAME PHYSICAL DIMENSIONS AND CAN BE INSTALLED IN THE SPACE AVAILABLE WITH AMPLE WORKING SPACE AROUND IT. ANY EXTRA COSTS RESULTING FROM EQUIPMENT SUBSTITUTION SHALL BE BORNE BY THIS CONTRACTOR.

1.09 PER SECTION 602.3.4 OF THE IPC
UPON COMPLETION OF DOMESTIC WATER, PERFORM A STERILIZATION OF THE DOMESTIC WATER SYSTEM OR THE PART THEREOF. THE SYSTEM OR THE PART THEREOF SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION CONTAINING AT LEAST 50 PPM OF CHLORINE, AND THE SYSTEM OR PART THEREOF SHALL BE VALVED OFF AND ALLOWED TO STAND FOR 24 HOURS; OR THE SYSTEM OR THE PART THEREOF SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION CONTAINING 200 PPM OF CHLORINE AND ALLOWED TO STAND FOR 3 HOURS. FOLLOWING THE REQUIRED STANDING TIME, THE SYSTEM SHALL BE FLUSHED WITH CLEAN POTABLE WATER UNTIL THE CHLORINE IS PURGED FROM SYSTEM. START AND FINISH INSPECTIONS SHALL BE PERFORMED BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR ENGINEER AND INSPECTOR BY AN APPROVED AGENCY (A BACTERIOLOGICAL EXAMINATION) THAT NO CONTAMINATION PERSISTS IN THE SYSTEM.

1.10 CONTRACTOR SHALL GUARANTEE ALL PARTS AND LABOR FOR ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE.

1.11 MAKE NOTE OF ANY CHANGES MADE IN LAYOUT AND INCORPORATE IN "RECORD" DRAWINGS.

1.12 THE CONTRACTOR SHALL SUBMIT AN ELECTRONIC COPY OF SHOP DRAWINGS FOR ALL PLUMBING EQUIPMENT, FIXTURES AND PIPING MATERIALS USED ON THIS PROJECT.

1.13 CONTRACTOR SHALL MAINTAIN PREMISES IN CLEAN CONDITION AT END OF EACH DAY AND THOROUGHLY CLEAN UP AT END OF CONSTRUCTION.

PART 2 CONSTRUCTION REQUIREMENTS:

2.01 ALL OVERHEAD PIPING TO BE SUSPENDED FROM STRUCTURE ABOVE WITH PIPE HANGERS.

2.02 ALL PLUMBING FIXTURES TO HAVE ACCESSIBLE STOPS.

2.03 ALL UNDER GROUND WATER PIPE SHALL HAVE A BLUE #18 INSULATED TRACER WIRE SECURELY ATTACHED TO IT AT 8' O.C. AND SHALL HAVE 12" OF TRACER WIRE SECURELY ATTACHED TO IT AT 8' O.C. AND SHALL HAVE 12" OF TRACER WIRE ACCESSIBLE ABOVE GRADE AT THE TERMINATION AND BE SECURELY ATTACHED AT THAT POINT.

2.04 ALL JOINTS IN COPPER TUBING SHALL BE MADE WITH APPROVED COPPER FITTINGS. PIPE SHALL BE CUT SQUARELY AND REAMED TO ITS FULL INNER DIAMETER. JOINTS SHALL BE PROPERLY FLUXED WITH AN APPROVED TYPE FLUX AND MADE UP WITH APPROVED SOLDER. SOLDERS AND FLUXES WITH A LEAD CONTENT WHICH EXCEEDS TWO-TENTHS (0.20) OF (1) PERCENT ARE PROHIBITED IN POTABLE WATER PIPING SYSTEMS.

2.05 ANY PIPING EXPOSED IN FIRE WALLS, EXPOSED IN RETURN AIR PLENUM OR EXPOSED TO OUTSIDE ELEMENTS SHALL BE CAST IRON OR COPPER. WHERE REQUIRED, PENETRATIONS THRU RATED WALLS MUST BE SEALED WITH FIRE STOPS CONFORMING TO LATEST I.B.C.

2.06 ALL UNDER GROUND WASTE PIPES SHALL HAVE A GREEN #18 INSULATED TRACER WIRE ATTACHED TO IT AT 8' O.C. AND SHALL HAVE 12" OF TRACER WIRE SECURELY ATTACHED TO IT AT 8' O.C. AND SHALL HAVE 12" OF TRACER WIRE ACCESSIBLE ABOVE GRADE AT THE CLEANOUT AND BE SECURELY ATTACHED AT THAT POINT.

2.07 PIPE INSULATION:
a. COLD WATER PIPING IN AREAS WHERE PIPE MIGHT BE SUBJECT TO FREEZING SHALL BE INSULATED. INSULATION SHALL BE 1/2" THICK ON 1/2" PIPE AND 1"THICK ON 3/4"PIPE AND LARGER. PROVIDE METAL JACKET IN AREAS SUBJECT TO UV RAYS.
b. FOR NON-CIRCULATING HOT WATER SYSTEMS (ABOVE & BELOW GRADE), THE FIRST 8 FEET OF PIPING SHALL BE INSULATED WITH 1/2" INCH THICK INSULATION.
c. PIPE INSULATION SHALL BE NON-COMPRESSIBLE TYPE HARD SECTION AT ALL HANGERS AND ANY OTHER PLACE WHERE REQUIRED. INSULATION SHALL MEET IECC SECTION 404.4 REQUIREMENTS.

2.08 ALL WASTE, VENT, DRAINAGE AND WATER PIPING SHALL BE TESTED PER I.P.C. BEFORE BEING CONCEALED IN ANY WAY. ALL JOINTS SHALL BE MADE DRIPTIGHT BEFORE BEING CONCEALED.

2.09 C.O & F.C.O. (GRADE, WALL & FLOOR CLEAN OUTS)

EXTERIOR SURFACED AREAS:
ROUND COATED CAST IRON BODY WITH CAST IRON NON-SKID COVER AND PLUG; MODEL 4225 MANUFACTURED BY SMITH.

INTERIOR FINISHED FLOOR AREAS:
COATED CAST IRON BODY WITH ROUND NICKEL BRONZE SCORIATED COVER; MODEL 4020 MANUFACTURED BY SMITH.

PIPE MATERIAL SCHEDULE

PIPING SYSTEM	ABBREVIATION	PIPING MATERIAL
SANITARY DRAINAGE & VENT (ABOVE & BELOW GRADE)	S/V	HUBLESS CAST IRON, ABS, OR PVC
POTABLE WATER ABOVE GRADE	CW	TYPE L HARD DRAWN COPPER
DRAIN	DR	TYPE L HARD DRAWN COPPER
FIRE PROTECTION - 3" & LARGER (BELOW GRADE)	FP	DUCTILE IRON
FIRE PROTECTION (ABOVE GRADE)	FP	SCHEDULE 10 OR 40 BLACK STEEL

GENERAL NOTES:
A. REFER TO SPECIFICATIONS FOR FITTINGS, INSTALLATION REQUIREMENTS AND FURTHER INFORMATION.
B. NO PLASTIC (ABS, OR PVC) PIPING TO BE ALLOWED IN RETURN AIR PLENUM.
C. WASTE PIPING 2"ø SMALLER TO SLOPE AT 1/4 IN/ FT., 3" & LARGER TO SLOPE @ 1/8" IN/FT/ U.N.O.
D. ANY PIPING IN FIRE WALLS, IN RETURN AIR PLENUM, OR EXPOSED TO OUTSIDE ELEMENTS SHALL BE CAST IRON OR COPPER.
E. PENETRATIONS THRU WALLS MUST BE SEALED WITH FIRE STOPS CONFORMING TO LATEST I.B.C.

WATER PIPE SIZING

PIPE SIZE	F.U. TANK	F.U. FLUSH	GPM
1/2"	1	-	1
3/4"	5	-	5
1"	13	-	10
1-1/4"	25	-	18
1-1/2"	42	17	29
2"	180	80	60
2-1/2"	450	300	110

NOTE:
A. PER SECTION 604.1, OF THE INTERNATIONAL PLUMBING CODE 2018, SIZED PER AN ACCEPTED ENGINEERING PRACTICE.
B. IF PEX PIPE USED, ALL PIPE SIZES SHALL INCREASE BY ONE STANDARD SIZE.

SCHOOL WATER CALCULATIONS

TOTAL WATER DEMAND			268 FU'S =	107	GPM
WATER PIPE SIZE CRITERIA					
AVAIL. PRESS. FROM WATER MAIN IN STREET:				60	PSI
PRESS. LOSS AT NEW WATER METER	2"	MTR SIZE		4	PSI
PRESS. LOSS AT NEW	2-1/2"	RPBP		10.0	PSI
AVAIL. PRESSURE AFTER RPBP:				46.0	PSI
PRESS. REGULATOR (SET PRESS. TO 78 MAX PSI):				0.0	PSI
AVAIL. PRESSURE TO BLD'G:				46.0	PSI
PRESS. REQ'D AT FURTHEST FIXTURE:				20.0	PSI
PRESS. LOSS IN ELEV.	0.43	X 10 =		4.30	PSI
PRESSURE AVAILABLE FOR PIPE LOSSES:				21.7	PSI
DEVELOPED LENGTH OF PIPE FROM: STREET MAIN TO FURTHEST FIXTURE					
	558	FT			
	558.00	X 25% FITTINGS=		697.5	FT
PIPE LOSS CALCULATION					
21.7 PSI / 697.5 FT x 100 FT. =	3.11	PSI/100 FT OF PIPE	(ALLOWABLE PRESSURE LOSS PER 100 FT. OF PIPE)		

NOTE:
NO AVAILABLE WATER PRESSURE DATA, ASSUMED FOR CALCULATIONS STREET PRESSURE = 60 PSI, PLUMBING CONTRACTOR SHALL TEST THE PRESSURE BEFORE STARTING & REPORT WATER PRESSURE TO ENGINEER.

EXISTING LIBRARY PLUMBING FIXTURES SCHEDULE

MARK	EQUIPMENT	QTY	WATER FIXTURE UNITS: FU	WATER FIXTURE UNITS: TOTAL FU	HW FIXTURE UNITS: FU	HW FIXTURE UNITS: TOTAL FU	WASTE FIXTURE UNITS: FU	WASTE FIXTURE UNITS: TOTAL FU	FIXTURE CONNECTION SIZES: WASTE RISER	TRAP ARM	HCO SIZE	V	CW	HW
E-F	LAVATORY	5	1	5	.75	3.75	1	5	2"	1-1/2"	2"	1-1/2"	1/2"	1/2"
E-F	WATER CLOSET	6	5	30	-	-	4	24	3"	3"	-	2"	1-1/2"	-
E-F	URINAL (WALL MOUNTED)	2	4	8	-	-	2	4	2"	1-1/2"	2"	1-1/2"	3/4"	-
E-F	MOP SINK (FLOOR MOUNTED)	1	3	3	2.25	2.25	2	2	2"	2"	-	1-1/2"	3/4"	3/4"
E-F	BREAK ROOM SINK (SINGLE COMP COUNTER MOUNTED)	1	2	2	1.5	1.50	2	2	2"	2"	2"	1-1/2"	1/2"	1/2"
E-F	HOSE BIBB	1	2.5	2.5	-	-	-	-	-	-	-	-	3/4"	-
	EXISTING FIXTURES TOTAL		50.5			7.50		37						

PLUMBING LEGEND & SYMBOLS

- S — SEWER LINE
- S — (E) SEWER LINE
- V — VENT LINE
- V — (E) VENT LINE
- CW — COLD WATER LINE
- CW — (E) COLD WATER LINE
- HW — HOT WATER LINE
- HW — (E) HOT WATER LINE
- HWR — HOT WATER RETURN LINE
- CD — CONDENSATE LINE
- CD — (E) CONDENSATE LINE
- FP — FIRE PROTECTION
- S.O.V. — SHUT OFF VALVE (BALL VALVE)
- CAP
- WCO — WALL CLEAN-OUT
- RISER; WASTE/VENT
- RISER, CAPPED U.G.
- 90° ELBOW
- 45° ELBOW
- 90° ELBOW DN
- 90° ELBOW UP
- TEE
- TEE DN
- TEE UP
- REDUCER
- UNION
- Y-STRAINER
- HOSE BIBB
- INDIRECT DRAIN
- GATE VALVE
- GLOBE VALVE
- CHECK VALVE
- W.H.A. WATER HAMMER ARRESTOR
- POINT OF NEW CONNECTION (P.O.C.)
- X — KEYNOTE TAG
- XX / X — EQUIPMENT TAG
- 2XX — DETAIL CALL-OUT
- X / P-XX — ISOMETRIC CALL-OUT ARROW POINT IN DIRECTION OF VIEW

ABV	ABOVE
FFE	FINISH FLOOR ELEVATION
A/C	AIR CONDITIONING
DN	DOWN
(E), EXIST.	EXISTING
VTR	VENT THRU ROOF
W/	WITH
WCO	WALL CLEANOUT
O.H.	OVERHEAD
U.G.	UNDER GROUND
PTW	PIPE THRU WALL
PTR	PIPE THRU ROOF
GCO	GRADE CLEANOUT
FCO	FLOOR CLEANOUT
CI	CAST IRON
ID	INDIRECT WASTE
U.N.O.	UNLESS NOTED OTHERWISE
MBH	THOUSAND BTU'S PER HOUR

FIRE PROTECTION NOTES

1. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE A WET-PIPE FIRE SPRINKLER SYSTEM DESIGNED AND INSTALLED ACCORDANCE WITH NFPA 13, LATEST ADOPTED EDITION.
2. SYSTEM TO BE DESIGNED FOR THE HAZARD OCCUPANCY AND DENSITY EQUAL AS CALLED IN BASIS OF DESIGN SUBMIT SHOP DRAWINGS AND EQUIPMENT LITERATURE FOR REVIEW AND APPROVAL BY THE FIRE DEPARTMENT, AND ARCHITECT/ENGINEER.
3. ALL SYSTEM PIPING SHALL BE CONCEALED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING IF PIPING CANNOT BE CONCEALED. COORDINATE HEAD AND PIPE LOCATION WITH CEILING GRID PATTERN, AIR CONDITIONING DUCT WORK AND WORK OF OTHER TRADES.
4. ALL HANGERS, HANGER SPACING, SWAY BRACING AND SWAY BRACE SPACING TO MEET REQUIREMENTS OF THE LATEST ADOPTED EDITION OF NFPA-13.
5. SPRINKLER HEADS TO BE IN ACCORDANCE WITH NFPA-13 FOR THE USE REQUIRED. CENTER HEADS IN AT LEAST ONE-DIRECTION IN CEILING TILES. PROVIDE SPARE SPRINKLER HEADS AS REQUIRED BY NFPA-13.
6. ALL FIRE PROTECTION INFORMATION SHOWN ON THE DRAWINGS IS FOR REFERENCE ONLY. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE ENGINEERED DRAWINGS OF THE FIRE PROTECTION SYSTEM. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND HYDRAULIC CALCULATIONS TO THE ARCHITECT/ ENGINEER FOR REVIEW.
7. ALL FIRE FLOW INFORMATION SHALL BE REVERIFIED BEFORE STARTING DESIGN.
8. UNDERGROUND PIPING TO 5'-0" OUT FROM BLDG. SHALL BE CEMENT LINED DUCTILE IRON PIPING WITH MECHANICAL JOINT FITTINGS & MEGA-LUGS.
9. OVERHEAD SPRINKLER MAIN PIPING SHALL BE DYNAFLOW PIPE AS MANUFACTURED BY ALLIED TUBE & CONDUIT. FITTINGS AND COUPLINGS SHALL BE UL/FM GROOVED STYLE. OUTLETS SHALL BE WELDED PER NFPA-13.
10. OVERHEAD BRANCHLINE PIPING SHALL BE XL/BLT PIPE AS MANUFACTURED BY ALLIED TUBE & CONDUIT, FITTINGS SHALL BE THREADED CAST OR MALLEABLE IRON.
11. HANGERS SHALL BE UL LISTED AND INSTALLED IN ACCORDANCE WITH NFPA-13 LATEST ADOPTED EDITION.
12. COORDINATE THE DESIGN WITH THE INSURANCE UNDERWRITER FOR ANY REQUIREMENTS ABOVE AND BEYOND THE PREVIOUSLY MENTIONED REQUIREMENTS.
13. THIS CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE BIDDING. NOTIFY THE ARCHITECT /ENGINEER OF ANY CONFLICTS WHICH MAY AFFECT THE SCOPE OF WORK.

FIRE PROTECTION BASIS OF DESIGN

1. APPLICABLE STANDARDS: THE MOST STRINGENT OF;
   A. NFPA 13; LATEST EDITION
2. SYSTEM TYPE: PROVIDED WET PIPE SYSTEM
3. OCCUPANCY CLASSIFICATION AND GROUP;
   A. MERCANTILE. ORDINARY HAZARD - GROUP 2
4. AVAILABLE WATER SUPPLY (AT NEAREST STREET MAIN HYDRANT):
   A. * PSI STATIC, * GPM FLOW, * PSI RESIDUAL.
   B. SEE SHEET P-0.0 FOR THE FIRE FLOW TEST INFORMATION FROM EL CENTRO FIRE DEPARTMENT ON 4/11/2025 (2)
5. DESIGN DENSITY:
   A. MERCANTILE. 0.20 GPM/SF FOR MOST REMOTE 1500 SF AREA

GENERAL NOTES:

A. THESE SHEETS ARE NOT APPROVED FOR THE DEMOLITION, RELOCATION, REMOVAL, MODIFICATION OR INSTALLATION OF ANY FIRE ALARM, FIRE PROTECTION UNDERGROUND OR FIRE SPRINKLER/SUPPRESSION COMPONENTS. IF ANY FIRE ALARM OR FIRE SPRINKLER /SUPPRESSION WORK IS REQUIRED FOR THIS SCOPE, A SEPARATE SUBMITTAL TO THE CITY OF EL CENTRO FIRE DEPARTMENT FOR REVIEW AND APPROVAL IS REQUIRED BY THE INSTALLING C-10 /C-16 LICENSED CONTRACTOR PRIOR TO ANY DEMOLITION, MODIFICATION OR INSTALLATION OF ANY FIRE PROTECTION COMPONENTS.

PH MECHANICAL ENGINEERING
PROJECT NO. 22363 P: (520) 731-2060
www.phmech.com F: (520) 731-2061

NICKLAUS ENGINEERING, INC.
1851 West 24th Street
Yuma, AZ 85364
(928) 344-8374
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JOB NO.	22363
DESIGN	PEH
DRAWN	TTT

REVISIONS

#	DATE	DESCRIPTION
1	10/9/2024	CITY COMMENTS
2	4/2/2025	CITY COMMENTS

1150 N IMPERIAL AVE.
EL CENTRO, CA 92243

El Centro Valley Center Point Plaza Renovation

REGISTERED PROFESSIONAL ENGINEER
STEPHEN R. CHANDLER
M31418
4/3/24
MECHANICAL
STATE OF CALIFORNIA

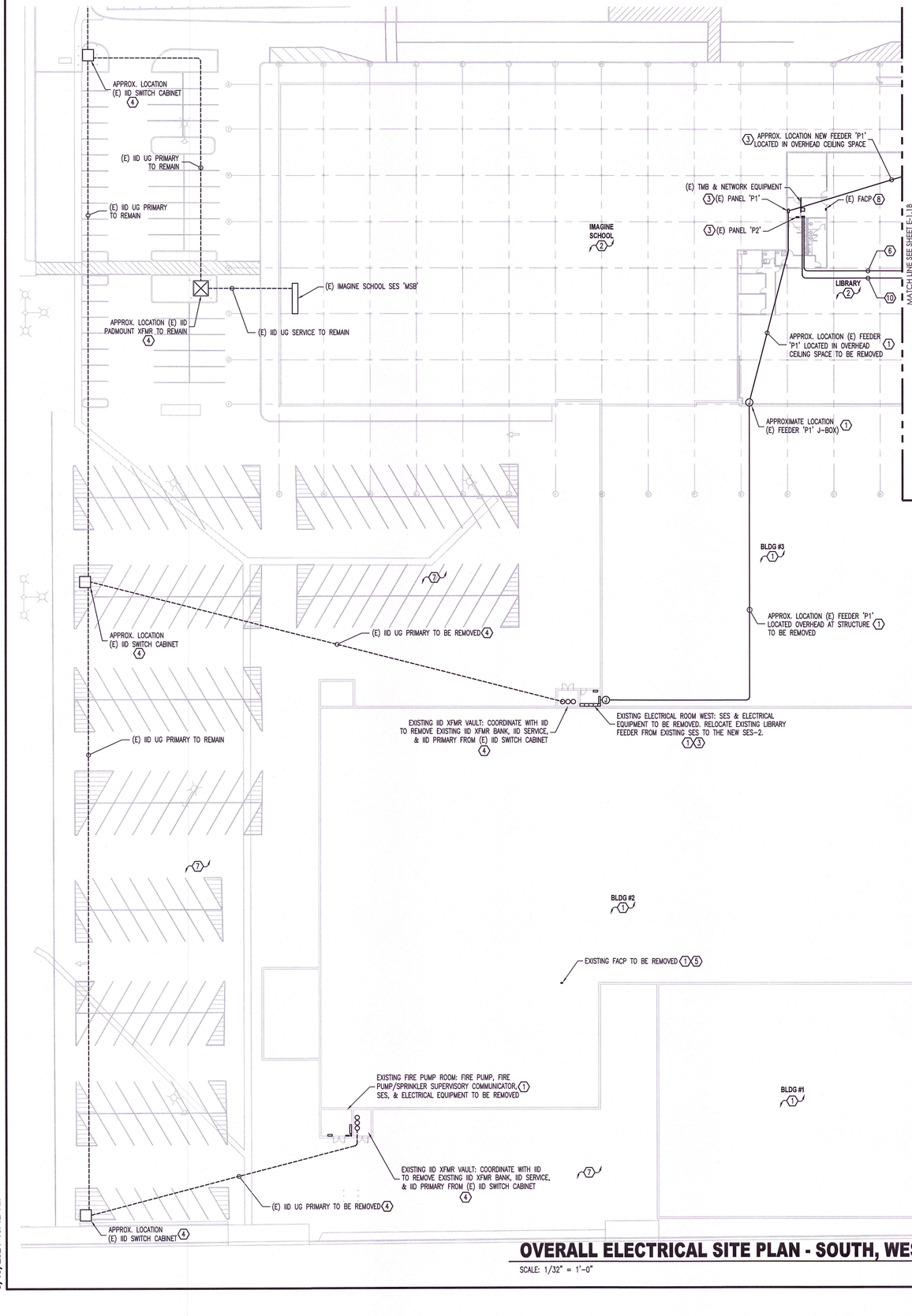
PLUMBING DETAILS, SCHEDULES & NOTES

P-2.0

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OVERALL ELECTRICAL SITE PLAN - SOUTH, WEST

SCALE: 1/32" = 1'-0"

ELECTRICAL SYMBOLS & ABBREVIATIONS:

CWP COLD WATER PIPE.

(E) EXISTING EQUIPMENT.

FACP FIRE ALARM CONTROL PANEL.

F.G. FINISHED GRADE.

GFI GROUND FAULT CIRCUIT INTERRUPTER.

IID IMPERIAL IRRIGATION DISTRICT (ELECTRIC UTILITY).

MBJ MAIN BONDING JUMPER.

SES SERVICE ENTRANCE SECTION, SIZED AS SHOWN.

TMB TELEPHONE MOUNTING BOARD (EXISTING), PROVIDE #6 BC GROUND TO INTERSYSTEM BUILDING GROUND.

WP OUTDOOR WEATHERPROOF ENCLOSURE.

WP-IU OUTDOOR WEATHERPROOF "IN-USE" ENCLOSURE.

XFMR TRANSFORMER.

JUNCTION BOX, MOUNT AS SHOWN.

NUMBER OF WIRES IN CONDUIT, LONG SLASH DENOTES GROUND WIRE, SHORT SLASH DENOTES NUMBER OF CURRENT CARRYING CONDUCTORS & NEUTRALS, HALF SLASH DENOTES SWITCHED LEG.

— — — UNDERGROUND (UG) CONDUIT.

——— ABOVE GROUND CONCEALED OR SURFACE MOUNT CONDUIT.

E ELECTRIC PULL OR JUNCTION BOX, TRAFFIC RATED COVER, SIZE PER NEC, LABEL "ELECTRIC".

T TELEPHONE COMPANY PEDESTAL.

NOTES:

1. ALL ELECTRICAL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.
2. SEE PANEL SCHEDULES FOR BRANCH CIRCUIT WIRE SIZING UNLESS INDICATED OTHERWISE.
3. EXISTING ELECTRICAL NOT INDICATED TO BE REMOVED OR REPLACED SHALL BE PROTECTED DURING CONSTRUCTION & LEFT IN PLACE. CLEAN/REPAIR/RESTORE THIS EXISTING ELECTRICAL TO SERVICEABLE CONDITION PRIOR TO COMPLETION OF WORK.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE, BID, AND PROVIDE ALL ELECTRICAL DEMOLITION WORK, TEMPORARY ELECTRICAL REMOVAL & REINSTALLATION WORK, & RESTORATION OF EXISTING ELECTRICAL WORK TO EXISTING CONDITION OR BETTER AT ANY CIVIL, MECHANICAL, OR ARCHITECTURAL DEMOLITION OR RENOVATIONS IDENTIFIED ON THE CIVIL, MECHANICAL, OR ARCHITECTURAL PLANS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE CIVIL, MECHANICAL, & ARCHITECTURAL PLANS & COORDINATING WORK RESPONSIBILITY WITH THE GENERAL CONTRACTOR & INCLUDING ALL SUCH WORK IN THE CONTRACT BID.

KEY NOTES:

1. EXISTING BUILDING TO BE REMOVED, SEE ARCHITECTURAL. COORDINATE DISCONNECT & REMOVAL OF ELECTRICAL TELEPHONE, & CABLE CO. UTILITIES. COORDINATE GENERAL ELECTRICAL DEMOLITION WORK WITH GENERAL CONTRACTOR.
2. EXISTING BUILDING TO REMAIN.
3. SEE ELECTRICAL ONE-LINE DIAGRAM.
4. VERIFY IID EQUIPMENT & SERVICE LOCATIONS & REQUIREMENTS WITH IID PRIOR TO WORK. PROTECT EXISTING EQUIPMENT TO REMAIN. PROVIDE ALL REQUIRED TRENCHING, BACKFILL, CONDUIT, XFMR PADS, CONCRETE CURBS, BOLLARDS, & ACCESSORIES PER IID DRAWINGS & SPECIFICATIONS FOR NEW IID WORK & IID DEMO WORK. COORDINATE W/IID. SEE ELECTRICAL GENERAL NOTE 6.
5. VERIFY ANY REMAINING ACTIVE FIRE ALARM CIRCUITS AFTER DEMOLITION & RELOCATE TO LIBRARY FACP.
6. PROVIDE MINIMUM (2) 4" CONDUITS WITH PULLSTRINGS COMPLETE UNDERGROUND FROM TEL. CO. POINT OF CONNECTION TO BUILDING J-BOX OR TEL. CO. EQUIPMENT CABINET AND OVERHEAD FROM BUILDING J-BOX TO EXISTING TMB. VERIFY TELEPHONE CO. EQUIPMENT & SERVICE LOCATIONS & REQUIREMENTS WITH OWNER & TELEPHONE CO. PRIOR TO WORK. PROVIDE ALL REQUIRED TRENCHING, BACKFILL, CONDUIT, & ACCESSORIES PER TELEPHONE CO. DRAWINGS & SPECIFICATIONS. SEE ELECTRICAL GENERAL NOTE 6.
7. SEE CIVIL DRAWINGS FOR DEMOLITION WORK AT PARKING LOTS. EXISTING PARKING LOT LIGHTING BRANCH CIRCUITS TO PARKING LOT LIGHT FIXTURES & POLES SCHEDULED TO REMAIN BUT CIRCUITED TO EXISTING ELECTRICAL SYSTEMS TO BE REMOVED SHALL BE ABANDONED IN PLACE FOR FUTURE REPAIR & CONNECTION.
8. EXISTING FACP TO REMAIN. PROTECT AND MAINTAIN IN OPERATION THROUGHOUT CONSTRUCTION. MODIFY IF NEEDED TO ADD ANY APPLIANCES OR DEVICES REMAINING FROM THE DEMO AREAS. SEE FIRE ALARM NOTES. (SILENT KNIGHT MODEL 5820XL WITH COMMUNICATOR.)
9. NOT USED.
10. NEW 4" CONDUIT COMPLETE FROM EXISTING IN-GROUND FIBER OPTIC PULL BOX OUTDOORS TO EXISTING TMB AT THE I.T. ROOM FOR FUTURE FIBER OPTIC CABLE. PROVIDE NEW TRENCH & 4" UG PVC CONDUIT OUTDOORS FROM THE EXISTING PULL BOX TO THE BUILDING OUTSIDE WALL. INSTALL METAL CONDUIT ABOVE EXISTING CEILING INDOORS. INSTALL A NEMA 1 SCREW COVER PULL BOX INDOORS ABOVE THE CEILING AT THE EAST WALL AS NEEDED FOR FUTURE FIBER OPTIC INSTALLATION. SIZE J-BOX PER NEC (MINIMUM 32" x 24" x 6"). FIELD VERIFY ROUTING WITH OWNER & EXISTING CONSTRUCTION. INSTALL PER OWNER REQUIREMENTS. PROVIDE PULL STRING & TRACER WIRE AS NEEDED.

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DIGALERT 811

JOL ENTERPRISES, INC.
720 E. 39th Place, Suite 6
Yuma Arizona, 85365
office: (928) 783-0922
fax : (928) 783-3854
www.jolenterprises.com

JOB. No.: 22-073

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NICKLAUS ENGINEERING, INC.
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www.nickl.com

JOB NO.	022-0199
DESIGN	JRA
DRAWN	STAFF

REVISIONS

#	Date	Description
1	05/02/24	RELOCATE SES

1150 N IMPERIAL AVE.
EL CENTRO, CA 92243

El Centro Valley Center Point Plaza Renovation

REGISTERED PROFESSIONAL ENGINEER JAMES ROBERT ALGER No. E 16119 Exp. 12/31/25 ELECTRICAL STATE OF CALIFORNIA

MAY 10 2024

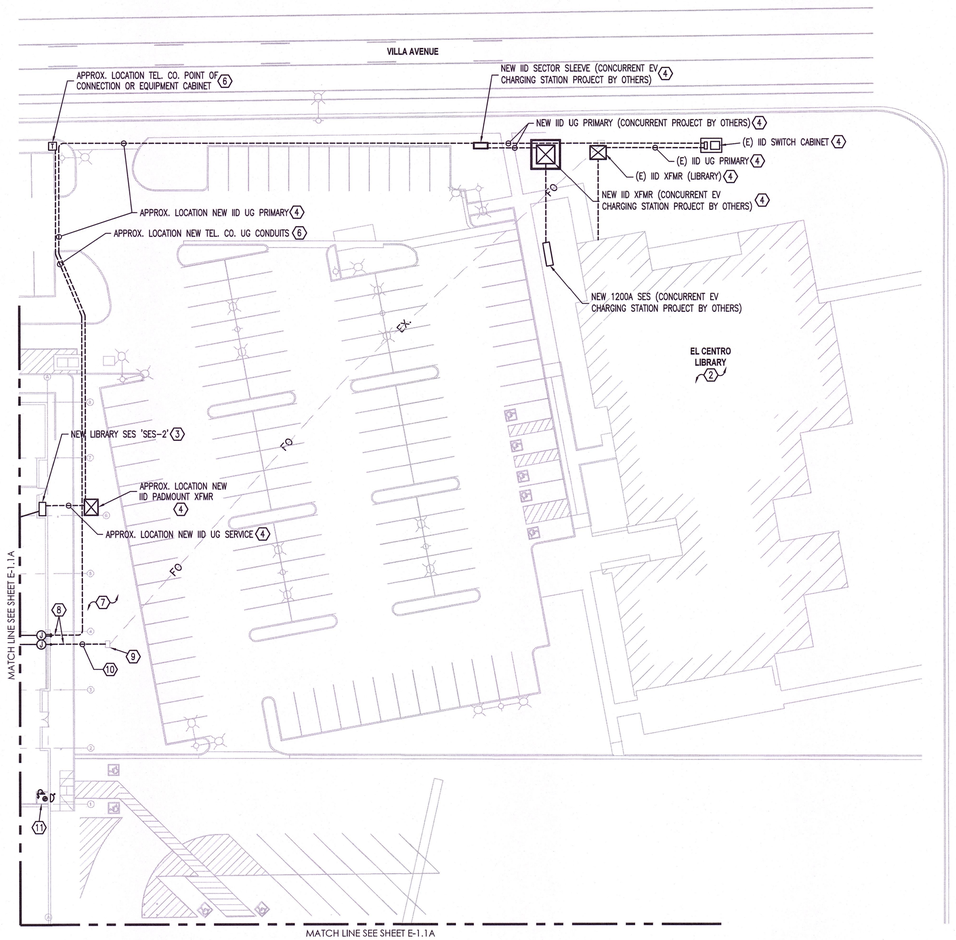
OVERALL ELECTRICAL SITE PLAN - SOUTH, WEST

E-1.1A

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OVERALL ELECTRICAL SITE PLAN - NORTHEAST

SCALE: 1/32" = 1'-0"

KEY NOTES:

1. NOT USED.
2. EXISTING BUILDING TO REMAIN.
3. SEE ELECTRICAL ONE-LINE DIAGRAM.
4. VERIFY IID EQUIPMENT & SERVICE LOCATIONS & REQUIREMENTS WITH IID PRIOR TO WORK. PROTECT EXISTING EQUIPMENT TO REMAIN. PROVIDE ALL REQUIRED TRENCHING, BACKFILL, CONDUIT, XFMR PADS, CONCRETE CURBS, BOLLARDS, & ACCESSORIES PER IID DRAWINGS & SPECIFICATIONS FOR NEW IID WORK & IID DEMO WORK. COORDINATE W/IID. SEE ELECTRICAL GENERAL NOTE 6.
5. NOT USED.
6. PROVIDE MINIMUM (2) 4" CONDUITS WITH PULLSTRINGS COMPLETE UNDERGROUND FROM TEL. CO. POINT OF CONNECTION TO BUILDING J-BOX OR TEL. CO. EQUIPMENT CABINET AND OVERHEAD FROM BUILDING J-BOX TO EXISTING TMB. VERIFY TELEPHONE CO. EQUIPMENT & SERVICE LOCATIONS & REQUIREMENTS WITH OWNER & TELEPHONE CO. PRIOR TO WORK. PROVIDE ALL REQUIRED TRENCHING, BACKFILL, CONDUIT, & ACCESSORIES PER TELEPHONE CO. DRAWINGS & SPECIFICATIONS. SEE ELECTRICAL GENERAL NOTE 6.
7. SEE CIVIL DRAWINGS FOR DEMOLITION WORK AT PARKING LOTS. EXISTING PARKING LOT LIGHTING BRANCH CIRCUITS TO PARKING LOT LIGHT FIXTURES & POLES SCHEDULED TO REMAIN BUT CIRCUITED TO EXISTING ELECTRICAL SYSTEMS TO BE REMOVED SHALL BE ABANDONED IN PLACE FOR FUTURE REPAIR & CONNECTION.
8. NEW UG CONDUIT AS INDICATED. SAWCUT & DEMO (E) SIDEWALK AS NEEDED AND THEN REPAIR SAWCUT SIDEWALK PER CIVIL AFTER INSTALLATION. RISE UP WITH METAL CONDUIT OUTSIDE AT THE EXTERIOR WALL.
9. EXISTING FIBER OPTIC PULL BOX & EXISTING 4" UG CONDUIT FROM EXISTING "MEET ME POINT TERMINATION BOX" NORTH OF THE NEW LIBRARY.
10. NEW 4" CONDUIT COMPLETE FROM EXISTING IN-GROUND FIBER OPTIC PULL BOX OUTDOORS TO EXISTING TMB AT THE I.T. ROOM FOR FUTURE FIBER OPTIC CABLE. PROVIDE NEW TRENCH & 4" UG PVC CONDUIT OUTDOORS FROM THE EXISTING PULL BOX TO THE BUILDING OUTSIDE WALL. INSTALL METAL CONDUIT ABOVE EXISTING CEILING INDOORS. INSTALL A NEMA 1 SCREW COVER PULL BOX INDOORS ABOVE THE CEILING AT THE EAST WALL AS NEEED FOR FUTURE FIBER OPTIC INSTALLATION. SIZE J-BOX PER NEC (MINIMUM 32" x 24" x 6"). FIELD VERIFY ROUTING WITH OWNER & EXISTING CONSTRUCTION. INSTALL PER OWNER REQUIREMENTS. PROVIDE PULL STRING & TRACER WIRE AS NEEDED.
11. NEW FIRE SPRINKLER RISER (FSR) & FSR ROOM. ELECTRICAL, LIGHTING, & FIRE ALARM SCOPE OF WORK INCLUDES THE FOLLOWING;
    A. PROVIDE & INSTALL NEW WALL MOUNT LIGHT FIXTURE AS INDICATED ON THE ARCHITECTURAL PLANS. LIGHT FIXTURE SHALL BE 2' WALL BRACKET, 800 LUMENS, 4,000K, 120/277V, STEEL HOUSING, IMPACT RESISTANT REFRACTOR, WHITE (LITHONIA WL2-08L-EZ1-LP840 OR EQUAL). PROVIDE OCCUPANCY SWITCH OR ALTERNATE MANUAL SWITCH WITH FIXTURE INTEGRAL OCCUPANCY SENSOR. PROVIDE WIRE & CONDUIT TO MATCH EXISTING AS REQUIRED TO CONNECT THE NEW LIGHT FIXTURE TO THE EXISTING AREA LIGHTING BRANCH CIRCUIT. TOTAL ADDITIONAL LOAD WILL BE 10VA.
    B. PROVIDE & INSTALL NEW 120V 20A BRANCH CIRCUIT P2-42 AS REQUIRED FOR NEW 120V FIRE SPRINKLER BELL. COORDINATE EQUIPMENT CONNECTION WITH FS INSTALLER. PROVIDE & INSTALL NEW 20A/1P BRANCH CIRCUIT BREAKER COMPATIBLE TO EXISTING EATON EQUIPMENT. LABEL PER SPECIFICATIONS.
    C. PROVIDE & INSTALL 2 NEW ADDRESSABLE MONITOR MODULES AS REQUIRED TO ADD THE FSR WATER FLOW AND TAMPER SWITCHES TO THE SILENT KNIGHT 5820XL ADDRESSABLE SLC. PROVIDE WIRE & CONDUIT TO MATCH EXISTING AS REQUIRED TO RECONFIGURE AND EXTEND THE EXISTING SLC TO THE NEW FS ROOM DEVICES. PROVIDE MODIFICATIONS & PROGRAMMING AT THE EXISTING FACP AS REQURIED TO ADD THE 2 NEW ADDRESSABLE DEVICES. SEE FIRE ALARM NOTES.

NOTES:

1. ALL ELECTRICAL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.
2. SEE PANEL SCHEDULES FOR BRANCH CIRCUIT WIRE SIZING UNLESS INDICATED OTHERWISE.
3. EXISTING ELECTRICAL NOT INDICATED TO BE REMOVED OR REPLACED SHALL BE PROTECTED DURING CONSTRUCTION & LEFT IN PLACE. CLEAN/REPAIR/RESTORE THIS EXISTING ELECTRICAL TO SERVICEABLE CONDITION PRIOR TO COMPLETION OF WORK.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE, BID, AND PROVIDE ALL ELECTRICAL DEMOLITION WORK, TEMPORARY ELECTRICAL REMOVAL & REINSTALLATION WORK, & RESTORATION OF EXISTING ELECTRICAL WORK TO EXISTING CONDITION OR BETTER AT ANY CIVIL, MECHANICAL, OR ARCHITECTURAL DEMOLITION OR RENOVATIONS IDENTIFIED ON THE CIVIL, MECHANICAL, OR ARCHITECTURAL PLANS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE CIVIL, MECHANICAL, & ARCHITECTURAL PLANS & COORDINATING WORK RESPONSIBILITY WITH THE GENERAL CONTRACTOR & INCLUDING ALL SUCH WORK IN THE CONTRACT BID.

ELECTRICAL GENERAL NOTES:

1. ALL MATERIALS AND WORKMANSHIP TO BE NEW AND OF FIRST RATE QUALITY. MATERIALS TO BE UL LISTED AND APPROVED. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN COMPLIANCE WITH THE CURRENT ADOPTED EDITION OF THE CALIFORNIA/NATIONAL ELECTRICAL CODE AND ANY OTHER STATE AND LOCAL APPLICABLE CODES.
2. ALL CEILING, FLOOR, AND WALL PENETRATIONS AND BOXES SHALL BE CAULKED/SEALED TO PRESERVE FIRE RATINGS AND WATER PROOF INTEGRITY. FIRESTOPPING OF PENETRATIONS IN AND THROUGH FIRE RATED FLOORS, CEILINGS & WALLS SHALL BE IN ACCORDANCE WITH IBC & UL AND AS REQUIRED BY THE FIRESTOPPING MANUFACTURER FOR THE CONSTRUCTION TYPE & FIRE RATING SPECIFIED (SEE ARCHITECTURAL DRAWINGS). THE FIRESTOPPING SYSTEM SHALL BE LISTED AND TESTED TO UL-1479 & ASTM E-814. INSTALL IN STRICT COMPLIANCE WITH THE MANUFACTURER INSTRUCTIONS.
3. ALL ELECTRICAL CONDUCTORS SHALL BE COPPER, 90 DEGREE C TEMPERATURE RATING, MINIMUM SIZE IS NO. 12 AWG. ALL WIRING SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED ON THE DRAWINGS. UNDERGROUND CONDUCTORS MUST BE RATED FOR 90 DEGREE C AS DEFINED FOR "WET LOCATION" BY THE NEC UNLESS NOTED OTHERWISE.
4. A. ALL CONDUIT SHALL BE METALLIC ELECTRICAL CONDUIT UNLESS NOTED OTHERWISE ON THE DRAWINGS. MINIMUM SIZE CONDUIT IS 1/2". ALL CONDUITS AND BOXES SHALL BE CONCEALED ABOVE CEILINGS, IN WALLS OR UNDER FLOORS AS REQUIRED OR AS NOTED OTHERWISE ON THE DRAWINGS.

   B. UNDERGROUND CONDUIT SHALL BE MINIMUM OF SCHEDULE 40 PVC OR MEDIUM WALL (MW) FIBERGLASS RTRC, 90 DEGREE C. RATED WITH MINIMUM OF TRENCH COVER PER NEC TABLE 300-5. ALL UNDERGROUND JUNCTION/PULL BOXES SHALL BE RATED THE SAME AS THE ASSOCIATED CONDUIT, MINIMUM SIZE UNDERGROUND CONDUIT IS 3/4".
5. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF CONDUIT, WIRING, ELECTRICAL EQUIPMENT AND ASSOCIATED HARDWARE WITH THE INSTALLATION OF THE MECHANICAL EQUIPMENT AND OTHER TRADES. SEE THE MECHANICAL/ARCHITECTURAL PLANS FOR EXACT LOCATIONS.
6. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND INSTALLATION OF SERVING ELECTRICAL TELEPHONE/TV COMPANY CONDUIT SYSTEMS AND SERVICE EQUIPMENT. UNDERGROUND TRENCH LOCATIONS SHOWN ARE APPROXIMATE AND MUST BE VERIFIED BY THE SERVING UTILITY. CONTACT WITH THE SERVING UTILITIES IS REQUIRED PRIOR TO INSTALLATION. THE CONTRACTOR IS RESPONSIBLE FOR EXISTING FIELD CONDITIONS AND PROVIDING A FULL FUNCTIONING ELECTRICAL SYSTEM.
7. ALL LIGHT FIXTURES, RECEPTACLE AND JUNCTION BOXES, PANEL BOARDS AND ALL OTHER METALLIC ELECTRICAL APPLIANCES AND DEVICES MUST BE GROUNDED AS REQUIRED BY SECTION 250 OF THE NATIONAL ELECTRICAL CODE.
8. ASBESTOS CONTAINING MATERIALS MAY BE PRESENT IN THE EXISTING STRUCTURES ON THIS PROJECT. THE CONTRACTOR SHALL TAKE APPROPRIATE SAFETY PRECAUTIONS IN ACCORDANCE WITH OSHA AND EPA REGULATIONS DURING INSTALLATION OF ELECTRICAL EQUIPMENT AND, OR REMOVAL OF EXISTING BUILDING MATERIALS WHICH MAY CONTAIN ASBESTOS. CONTRACTOR SHALL IMMEDIATELY CEASE WORK AND NOTIFY THE OWNER OF ANY MATERIALS BELIEVED TO CONTAIN ASBESTOS. WORK SHALL PROCEED ONLY UPON DIRECTION FROM THE OWNER.
9. MATERIALS & INSTALLATION SHALL COMPLY WITH REQUIREMENTS FOR INSTALLATION IN SEISMIC ZONE 4/DESIGN CATEGORY D.

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DIGALERT 811

JOL ENTERPRISES, INC
720 E. 39th Place, Suite B
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JOB. No.: 22-073

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www.nieaw.com

JOB NO.	022-0199
DESIGN	JRA
DRAWN	STAFF

REVISIONS

#	Date	Description
1	05/02/24	RELOCATE SES

1150 N IMPERIAL AVE.
EL CENTRO, CA 92243

El Centro Valley Center Point Plaza Renovation

REGISTERED PROFESSIONAL ENGINEER
JAMES ROBERT ACLES
No. E 16119
Exp. 12/31/25
ELECTRICAL
STATE OF CALIFORNIA

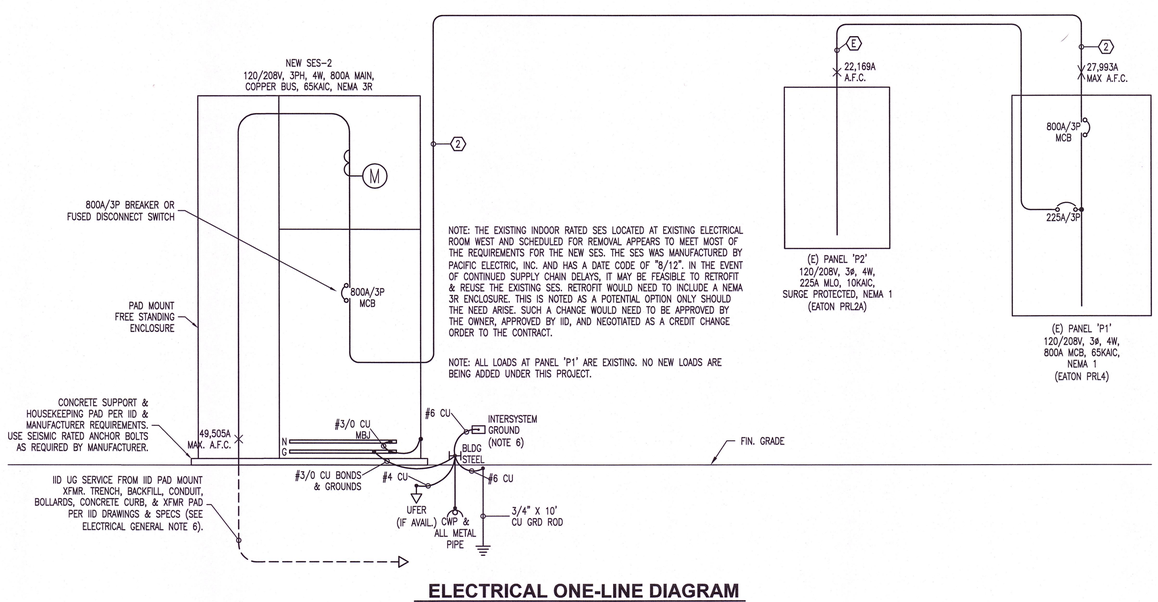
MAY 10 2024

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OVERALL ELECTRICAL SITE PLAN - NORTHEAST

E-1.1B

5/10/2024 10:42 AM



ELECTRICAL ONE-LINE DIAGRAM

NO SCALE

NOTES (ONE-LINE DIAGRAM):

1. PROVIDE RATED EQUIPMENT & DEVICES BY MANUFACTURER CAPABLE OF SAFELY INTERRUPTING THE AVAILABLE FAULT CURRENT.
2. PROVIDE WARNING LABELS & MARKING BY MANUFACTURER AT ALL SWITCHBOARDS, PANELBOARDS, & INDUSTRIAL CONTROL PANELS/MCC'S LIKELY TO CREATE ARC FLASH CONDITIONS AS REQUIRED BY NEC ART. 110.16.
3. LABEL & MARK MAIN SERVICE DISCONNECT(S) PER NEC. MAXIMUM OF 6 DISCONNECTS PERMITTED PER NEC.
4. TIE UFER GROUND TO BUILDING FOUNDATION PER NEC.
5. WHERE CONDUIT IS INDICATED AS OVERHEAD METAL CONDUIT, UNDERGROUND/UNDERSLAB PVC CONDUIT IS AN APPROVED ALTERNATE, AND VISE VERSA.
6. INSTALL INTERSYSTEM BONDING TERMINATION BAR (ERICO OR EQUAL) PER NEC ART. 250.94 EXTERIOR TO THE SERVICE EQUIPMENT.

KEY NOTES:

(1) NOT USED.

(2) MINIMUM 2 PARALLEL SETS OF (4) 700MCM CU THHN/THWN-2, (1) #1/0 CU GROUND, 4" CONDUIT. EXISTING 800A FEEDER WIRE SALVAGED FROM REMOVAL WORK MAY BE REUSED BETWEEN THE PANEL AND THE NEW SES IF IT IS NOT DAMAGED AND IF IT MEETS PROJECT REQUIREMENTS & SPECIFICATIONS.

(E) EXISTING FEEDER WIRE & CONDUIT TO REMAIN.

SCHEDULING, OUTAGES, & PHASING WORK:

1. MAINTAIN EXISTING LIBRARY & IMAGINE SCHOOL ELECTRICAL SYSTEMS IN SERVICE THROUGHOUT THE CONSTRUCTION.
2. MINIMIZE DISRUPTION TO OPERATIONS. OUTAGES SHALL BE LIMITED TO 8 HOURS MAXIMUM DURATION DURING SCHEDULED TIMES SPECIFICALLY APPROVED BY THE OWNER.
3. PROVIDE, MAINTAIN, & OPERATE AN ALTERNATE POWER SOURCE OR TEMPORARY GENERATOR AT CONTRACTOR EXPENSE FOR ANY OUTAGES THAT REQUIRE AN EXTENDED OUTAGE.
4. CONDUCT THE WORK AND ELECTRICAL EQUIPMENT CUT OVERS IN PHASES TO ALLOW FOR ORDERLY ENERGIZATION & ACCEPTANCE OF NEW EQUIPMENT AND SUBSEQUENT REMOVAL OF EQUIPMENT DESIGNATED FOR REMOVAL. SUBMIT CONTRACTOR SCHEDULE AND PHASING PLAN FOR APPROVAL PRIOR TO STARTING WORK.
5. RECOMMENDED PHASING AND SEQUENCE OF WORK IS AS FOLLOWS.
   A. ORDER AND OBTAIN NEW ELECTRICAL EQUIPMENT AND PERFORM ALL PRELIMINARY ELECTRICAL WORK AT THE CONTRACTOR'S DISCRETION. OTHER NON-RELATED ELECTRICAL DEMOLITION WORK CAN BE PERFORMED CONCURRENTLY AT THE CONTRACTOR'S DISCRETION.
   B. COORDINATE WITH GENERAL CONTRACTOR TO COMPLETE DEMOLITION WORK AT THE AFFECTED PORTION OF BUILDING 3 WHILE MAINTAINING THE EXISTING ELECTRICAL ROOM WEST, IID XFMR VAULT, ELECTRICAL SERVICE, & OVERHEAD FEEDER IN SERVICE. SELECTIVE DEMOLITION WORK MUST BE COMPLETE TO THE SATISFACTION OF THE OWNER, BUILDING OFFICIAL, & IID TO ALLOW FOR THE CONSTRUCTION AND ENERGIZATION OF THE NEW SES, IID XFMR, SERVICE, & OVERHEAD FEEDER.
   C. INSTALL NEW SES-2 & ASSOCIATED WIRING & ACCESSORIES COMPLETE & READY FOR USE. COORDINATE WITH IID TO INSTALL & CONNECT THE NEW SERVICE. ENERGIZE THE NEW SES.
   D. DURING SCHEDULED OUTAGE REMOVE THE EXISTING PANEL 'P1' FEEDER FROM THE EXISTING SES AND CONNECT THE NEW PANEL 'P1' FEEDER TO THE NEW SES. REENERGIZE PANEL 'P1'.
   E. COMPLETE ALL OTHER REMAINING WORK.

FIRE ALARM NOTES:

1. DESIGN & PROVIDE COMPLETE MODIFICATIONS IF NEEDED TO THE EXISTING OPERATING CLASS "B" FIRE ALARM SYSTEM, INCLUDING ALL DEVICES & APPLIANCES AS NEEDED AND INCLUDING ALL ASSOCIATED POWER SUPPLIES, BATTERIES, WIRING, CONDUIT, BOXES, AND ACCESSORIES AS REQUIRED. ALL WORK SHALL COMPLY WITH NFPA 72, NATIONAL FIRE ALARM CODE, AND ADA.
2. CONTRACT DRAWINGS ARE COORDINATED TO THE EXISTING SILENT KNIGHT ADDRESSABLE FIRE ALARM SYSTEM. NEW APPLIANCES & DEVICES SHALL BE COMPATIBLE TO THE EXISTING EQUIPMENT..
3. SYSTEM INSTALLER SHALL MEET QUALIFICATION AND EXPERIENCE REQUIREMENTS OF NFPA 72.
4. U.N.O., CONTRACTOR SHALL SUBMIT THE FOLLOWING PRIOR TO WORK:
   A. INSTALLER QUALIFICATIONS AND EXPERIENCE.
   B. SYSTEM DESIGN & SHOP DRAWINGS AND PROPOSED MATERIALS.
   C. MANUFACTURER'S BATTERY CALCULATIONS & WIRE SIZING/VOLTAGE DROP CALCULATIONS.
5. ALL WIRE SHALL BE INSULATED TO NO LESS THAN 300 VOLTS. TYPE OF INSULATION AND APPLICATION SHALL BE AS REQUIRED BY THE NEC, ARTICLE 760-53. ALL WIRE & WIRING SHALL ALSO COMPLY WITH THE FACP MANUFACTURER SPECIFICATIONS.
6. ALL WIRE SHALL BE INSTALLED IN MINIMUM 3/4" EMT CONDUIT, U.N.O. ALTERNATELY, PROVIDE & INSTALL LISTED PLENUM RATED FIRE ALARM CABLE PER NEC & MANUFACTURER.
7. ALL LOOPS ARE TO BE IN SEPARATE CONDUITS OR BUNDLES PER NFPA 72. ALLOW MINIMUM 6 FEET SEPARATION BETWEEN CONDUITS.
8. FIRE ALARM CONTRACTOR SHALL DETERMINE & DESIGN ACTUAL CIRCUIT & CONDUIT ROUTING, LAYOUT, SIZING AND QUANTITY AND COORDINATE THE REQUIREMENTS WITH THE ELECTRICIAN PRIOR TO BID. INITIATING, NOTIFICATION, AND AUXILIARY POWER CIRCUITS MAY BE IN SAME CONDUITS THROUGHOUT IF FEASIBLE BASED ON MANUFACTURER REQUIREMENTS, WIRE TYPE, CONDUIT SIZE, & NEC CONDUIT FILL.
9. LABEL WIRING, CONDUIT, AND EQUIPMENT PER NFPA 72.
10. SEE FACP MANUFACTURER'S WIRING INFORMATION FOR SPECIFIC DETAILS FOR WIRING FIRE ALARM CIRCUITS & DEVICES.
11. APPROVED GROUNDING REQUIRED PER NEC & MANUFACTURER REQUIREMENTS.
12. PRIMARY & SECONDARY POWER SUPPLIES SHALL COMPLY WITH NFPA 72. NFPA 72. REQUIRES 24 HRS. OF STANDBY CAPACITY PLUS MINIMUM. OF 5 MINUTES IN ALARM (0.084 HRS). PROVIDE ADDITIONAL POWER SUPPLIES IF REQUIRED FOR ADDITIONAL NAC CIRCUITS & CAPACITY.
13. DUCT SMOKE DETECTOR CONTROLS TO BE WIRED THROUGH TO UNIT FAN CONTROL FOR AUTOMATIC SHUT DOWN. SEE MANUFACTURER INFORMATION FOR WIRING.
14. RETEST AND RECERTIFY FIRE ALARM SYSTEM UPON COMPLETION OF INSTALLATION PER NFPA 72. COORDINATE TESTING WITH AHJ.

These sheets are not approved for the demolition, relocation, removal, modification or installation of any fire alarm, fire protection underground or fire sprinkler/suppression components. If any fire alarm or fire sprinkler/suppression work is required for this scope, a separate deferred shop drawing submittal to the City of El Centro Fire Department for review and approval is required by the installing C-10 /C-16 licensed contractor prior to any demolition, modification or installation of any fire protection components.

JOL ENTERPRISES, INC.
720 E. 39th Place, Suite 6
Yuma Arizona, 85365
office: (928) 783-0922
fax: (928) 783-3954
www.jolenterprises.com

JOB. No.: 22-073

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NICKLAUS ENGINEERING, INC.
1651 West 24th Street
Yuma, Arizona 85364
(928) 344-8374
www.nelaw.com

JOB NO.	022-0199
DESIGN	JRA
DRAWN	STAFF

REVISIONS

#	Date	Description
1	05/02/24	RELOCATE SES

1150 N IMPERIAL AVE.
EL CENTRO, CA 92243

El Centro Valley Center Point Plaza Renovation

REGISTERED PROFESSIONAL ENGINEER
JAMES ROBERT ACKER
No. E 16119
Exp. 12/31/25
ELECTRICAL
STATE OF CALIFORNIA

MAY 10 2024

ELECTRICAL ONE-LINE DIAGRAM

E-2.1

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION HEREOF IS EXPRESSLY LIMITED TO SUCH USE. REUSE, REPRODUCTION, OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE AND OTHER RIGHTS IN THE IDEAS AND DESIGNS PRESENTED HEREIN ARE RETAINED BY THE ARCHITECT AND ENGINEERS AND ARE NOT TO BE USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT AND ENGINEERS.

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5/10/2024 12:01 PM

Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF EQUIPMENT FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION.

CITY MANAGER'S RECOMMENDATION:
Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF EQUIPMENT FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION.

FISCAL IMPACT:
No impact to the General Fund. $100,000 was budgeted from Gas Tax, Fund 201 in Fiscal Year 2026, account 201-3204-720106. The proposed purchase amount of $96,883.75 is within budget.

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Environmental Sustainability & Infrastructure

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
NA

BACKGROUND:
The Street Maintenance Division identified the need for a high-productivity pavement striping machine. During the 2026 budget cycle, the division was approved $100,000 for the purchase of the new equipment. The current three-wheel ride-along striping machine in use by Public Works is limited to small jobs. The new truck-mounted equipment will allow staff to be more consistent in refreshing striping on medium-sized jobs and help keep the streets looking fresher and safer.

DISCUSSION:
Street Maintenance division requested a proposal from Sherwin-Williams, the sole local vendor that sells this type of equipment. Sherwin-Williams submitted quote No. 7926617 in the amount of $89,500. The quote does not include the sales tax of 8.25%.

For compatibility reasons, sole-sourcing is preferred. El Centro City Ordinance, Section 2-177, allows exceptions to the requirement for competitive bidding in certain situations.

CONCLUSION:
Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF EQUIPMENT FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION.

ATTACHMENTS:

1. Resolution No. 25 -
2. Quote # 7926617

RESOLUTION NO. 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF EQUIPMENT FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION

WHEREAS, the City of El Centro (the "City") Street Maintenance Division will be purchasing a new pavement striping machine, Roadlazer RoadPak HD; and

WHEREAS, City Code Section 2-173 allows an informal bid for amounts up to $50,000 and more when approved by Resolution; and

WHEREAS, staff obtained a quote from Sherwin-Williams in the amount of $96,883.75 (ninety-six thousand, eight hundred eighty-three dollars, and seventy-five cents) for the Roadlazer Roadpak HD; and

WHEREAS, the City Council hereby by this resolution 1) modifies the monetary cap in Section 2-173 and 2) thereafter approves and authorizes the purchase of equipment for the Public Works Street Maintenance Division in the amount set out above; and

WHEREAS, the City Council finds that its waiver of the monetary limit and approval of the purchase is in the best interest of the City.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.

2. That the City Council finds that it is appropriate to waive the monetary limit set out in the City Code and on that basis to approve this purchase, which is needed immediately.

3. That the Acting City Manager and Interim Finance Director hereby approve the purchase as provided under Code Section 2-173.

4. That the Acting City Manager hereby is authorized to sign any documents related to the purchase of the equipment if needed, a copy of which is on file in the office of the City Clerk, on behalf of the City and to take all necessary steps to implement such purchase.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California held on the day of , 2025.

CITY OF EL CENTRO

By _____

Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By _____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the forgoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

Roadlazer RoadPak HD

CITY OF EL CENTRO *July 22, 2025*

Quote ID:	7926617
Quote Date:	7/22/2025
Quote Expiration:	9/30/2025

SHERWIN-WILLIAMS
1950 S 4TH ST
EL CENTRO, CA 92243 4723
(760) 337-1500

Dear Marco Canchola:

Thank you for considering Sherwin-Williams products for the Roadlazer RoadPak HD project. Included is the Sherwin-Williams price quote.

Should you require assistance or have any questions or concerns, please contact me at or e-mail me at marco.a.gallegos@sherwin.com.

Marco Gallegos
SALES- Sales Representative PC Multi- Segment
marco.a.gallegos@sherwin.com

ACCOUNT # 2304-8336-4
Roadlazer RoadPak HD
QUOTE # 7926617
VALID FROM: JUL 22, 2025 - SEP 30, 2025

PROJECT: Roadlazer RoadPak HD

Purchase Type: Annual Purchase

Description	Class #	Sales #	Rex #	Size	Gallons/ Units	Price Per Gallon/ Unit	Extended Price
ROADPAK HD OPT 14 -1	5369010	101581379	101581379	EACH	1	$89,500.00	$89,500.00
Comments: Price does not include tax of 8.25%							

Total: $89,500.00

All prices are per gallon/unit

NOTICE: This quotation is not a contract. It is an estimate and excludes taxes and fees, which may vary. The pricing and recommendations represent confidential information and we request that it not to be copied or shared with others outside your company. Please refer to product data pages for surface prep, mixing and application instructions. Any orders placed pursuant to this quotation will be subject to The Sherwin-Williams Company Terms and Conditions of Sale, which are incorporated in full by this reference and are available at https://www.sherwin-williams.com/terms-and-conditions.

Adopt Resolution. 25- ,RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AUTHORIZING THE ACCEPTANCE OF GRANT FUNDS FROM THE DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL FOR THE FY2025 ALCOHOL POLICING PARTNERSHIP GRANT PROGRAM.

CITY MANAGER'S RECOMMENDATION:
Adopt Resolution. 25- ,RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AUTHORIZING THE ACCEPTANCE OF GRANT FUNDS FROM THE DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL FOR THE FY2025 ALCOHOL POLICING PARTNERSHIP GRANT PROGRAM.

FISCAL IMPACT:
$60,000 (No Matching Funds)

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Community Health, Safety & Welfare

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

BACKGROUND:
The Department of Alcoholic Beverage Control has approved the city's application for funding under the FY2025 Alcohol Policing Partnership Grant in the amount of $60,000. This grant provides funding for the El Centro Police Department to expand our present efforts in addressing alcohol-related problems through a comprehensive ABC program that will encompass a wide range of strategies such as minor decoy operations, shoulder-tap and community outreach.

DISCUSSION:
The FY2025 Alcohol Policing Partnership (APP) grant from the California Department of Alcoholic Beverage Control will support a joint enforcement and education initiative targeting problem alcohol outlets in El Centro. Under this program, ABC agents work side-by-side with El Centro Police Department personnel to prevent sales to minors, address over-service to obviously intoxicated patrons, and reduce alcohol-related nuisance activity and DUI impacts. Planned activities include Minor Decoy and Shoulder Tap operations, IMPACT inspections, targeted undercover investigations at repeat-call locations, trace investigations, and LEAD training for licensees. The goal is measurable reductions in alcohol-related crime and calls for service while strengthening voluntary compliance among local businesses.

The grant is reimbursement-based. Eligible costs include personnel time (including

overtime assigned to APP operations), limited operating expenses and equipment directly tied to APP activities, and required travel to ABC trainings. The department will submit progress and reimbursement reports monthly, and funds may not be used to supplant existing expenditures. If approved, we will implement operations based on data-driven site selection (repeat calls, DUI hot spots, community complaints) and coordinate merchant education to sustain improvements beyond the grant term.

CONCLUSION:

Adopt Resolution No 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AUTHORIZING THE ACCEPTANCE OF GRANT FUNDS FROM THE FY2025 ALCOHOL POLICING PARTNERSHIP GRANT PROGRAM.

ATTACHMENTS:

1. FY25 ABC Grant Agreement Award
2. FY25 ABC Grant Scope of Work
3. FY25 ABC Grant RESO

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EXHIBIT A
SCOPE OF WORK

I. SCOPE OF WORK

- Contractor agrees to implement the Department of Alcoholic Beverage Control (ABC), Alcohol Policing Partnership program. This program is intended to work with law enforcement agencies to develop an effective, comprehensive and strategic approach to eliminate the crime and public nuisance problems associated with problem alcoholic beverage outlets.

- Contractor agrees to implement ABC's Minor Decoy, Shoulder Tap Programs and conduct Informed Merchants Preventing Alcohol-Related Crime Tendencies (IMPACT) Inspections. These programs target both ABC licensed premises and individuals who furnish alcoholic beverages to the underage operators. The project is targeted to reduce underage drinking and the resultant DUI driving injuries and fatalities, and/or property damages, reduce youth access to alcoholic beverages through the education of licensee(s), enforcement intervention and the impressions of omnipresence of law enforcement. In addition, Contractor agrees to the following goals:

  1. The operation period of the grant is July 1, 2025 through June 30, 2026.

  2. Contractor agrees to raise public awareness that selling, serving and/or furnishing alcoholic beverages to individuals under twenty-one years old is a criminal violation that will be prosecuted by local city and district attorneys.

  3. Minor Decoy operations are designed to educate and deter licensed locations from selling/furnishing alcohol to minors. Contractor agrees to conduct Minor Decoy Operations at both "On-Sale" and "Off-Sale" licensed establishments within the operation period of the grant.

  4. Shoulder Tap operations are used to detect and deter adult furnishers outside of a licensed business. Contractor agrees to conduct Shoulder Tap Operations at "Off-Sale" licensed locations to apprehend adults that are unaffiliated with the licensed businesses and who are purchasing alcohol for minors outside of the stores within the operation period of the grant.

  5. Informed Merchants Preventing Alcohol-Related Crime Tendencies (IMPACT) primary goal is to educate licensee's on alcohol related laws to help reduce alcohol-related crime in and around licensed premises. Contractor agrees to conduct visits and inspections of licensed premises identifying areas of non-compliance at "On-Sale" and "Off-Sale" licensed locations within the operation period of the grant.

II. GOALS AND OBJECTIVES

1. Conduct at least five (5) Minor Decoy operations.

2. Conduct at least five (5) Shoulder tap operations, including the Statewide Shoulder tap operation.

3. Conduct at least five (5) IMPACT operations.

4. Conduct at least two (2) DUI Saturation patrols.

5. Conduct at least two (2) School Alcohol Awareness Presentations.

6. Advertise at least two (2) LEAD trainings.

7. Provide press/social media releases on grant enforcement activities.

    A. To announce the start of the program;
    B. At the conclusion of each Minor Decoy Operation has been held (to announce the number of licensed premises who sold to the minor decoy)
    C. At the conclusion of each Shoulder Tap Operation has been held (to announce the number of adults arrested for purchasing alcoholic beverages for the decoy).

8. Contractor will fax (916) 419-2599 or email each press release to the Department's Public Information Officer (pio@abc.ca.gov) as soon as it is released.

9. Contractor agrees in all press releases, in addition to any credits the agency wishes to give, will include the following statement: "This project is part of the Department of Alcoholic Beverage Control's Alcohol Policing Partnership."

Contractor agrees to complete and submit monthly reports, on a format designed and provided by the Department of Alcoholic Beverage Control due no later than 15th of the following month.

III. PROJECT REPRESENTATIVES

The project representatives during the term of this agreement will be:

El Centro Police Department
Rene McNish, Commander
150 N. 11th Street
El Centro, CA 92243
(760) 352-2111
rmcnish@ecpd.org

Department of Alcoholic Beverage Control
Aaron Perry, Supervising Agent in Charge
3927 Lennane Drive, Suite 100
Sacramento, CA 95834
(916) 419-5169
aaron.perry@abc.ca.gov

Direct all fiscal inquiries to:

El Centro Police Department
Vanessa Niebla, Administrative Assistant
150 N. 11th Street
El Centro, CA 92243
(760) 352-2111
vniebla@ecpd.org

Department of Alcoholic Beverage Control
Kristine Okino, Grant Coordinator
3927 Lennane Drive, Suite 100
Sacramento, CA 95834
Kristine.okino@abc.ca.gov

EXHIBIT B
BUDGET DETAIL AND PAYMENT PROVISIONS

I. INVOICING AND PAYMENT

- For services satisfactorily rendered and upon receipt and approval of the invoice, the Department of Alcoholic Beverage Control agrees to pay a monthly payment of approved reimbursable costs per the Budget Detail of personnel overtime and benefits (actual cost) and/or allowable costs.

- Invoices shall clearly reference this contract number (25-APP10) and must not exceed the contract total authorized amount of $60,000.00. Invoices are to be submitted by the 15th of every month, on the prescribed form designed by the Department of Alcoholic Beverage Control.

Submit to: Department of Alcoholic Beverage Control
Attn: Kristine Okino, Grant Coordinator
3927 Lennane Drive
Sacramento, California 95834

- Payment shall be made in arrears within 30 days from the receipt of an undisputed invoice. Nothing contained herein shall prohibit advance payments as authorized by Item 2100-101-3036, Budget Act, Statues of 2025.

- Contractor understands in order to be eligible for reimbursement; cost must be incurred on or after the effective date of the project, July 1, 2025 and on or before the project termination date, June 30, 2026.

- Revisions to the “Scope of Work” and the “Budget Detail” may be requested by a change request letter submitted by the Contractor. If approved, the revised Grant Scope of Work and/or Budget Detail supersedes and replaces the previous grant and will initiate an amendment. No revisions can exceed allotted amount as shown on the Budget Detail. The total amount of the grant must remain unchanged.

- Contractor agrees to refund to the State any amounts claimed for reimbursement and paid to Contractor which are later disallowed by the State after audit or inspection of records maintained by the Contractor.

- Only the costs displayed in the Budget Detail are authorized for reimbursement by the State to Contractor under this agreement. Any other costs incurred by Contractor in the performance of this agreement are the sole responsibility of Contractor.

- Title shall be reserved to the State for any State-furnished or State-financed property authorized by the State which is not fully consumed in the performance of this agreement. Contractor is responsible for the care, maintenance, repair, and protection of any such property. Inventory records shall be maintained by Contractor and submitted to the State upon request. All such property shall be returned to the State upon the expiration of this grant unless the State otherwise directs.

- Prior approval by the State in writing is required for the location, costs, dates, agenda, instructors, instructional materials, and attendees at any reimbursable training seminar, workshop or conference, and over any reimbursable publicity or educational materials to be made available for distribution. Contractor is required to acknowledge the support of the State whenever publicizing the work under this grant in any media.

II. BUDGET DETAIL

COST CATEGORY	TOTAL COST
A. Personnel Services	
Overtime	
Officer ($62.69/hourly)	$30,000.00
Sergeant ($80.55/hourly)	$20,500.00
Benefits – 21.16%	$7,000.00
TOTAL Personnel	**$57,500.00**
B. Operating Expenses (receipts required)	
n/a	$0.00
TOTAL Operating	**$0.00**
C. Equipment (receipts required, must be purchased by 12/31)	
n/a	$0.00
TOTAL Equipment	**$0.00**
D. Travel Costs	
Registration, lodging, per diem	$2,500.00
TOTAL Travel	**$2,500.00**
GRANT TOTAL	**$60,000.00**

III. BUDGET CONTINGENCY CLAUSE

- It is mutually agreed that if the Budget Act of the current year and/or any subsequent years covered under this Agreement does not appropriate sufficient funds for the program, this Agreement shall be of no further force and effect. In this event, the State shall have no liability to pay any funds whatsoever to Contractor or to furnish any other considerations under this Agreement and Contractor shall not be obligated to perform any provisions of this Agreement.

- If funding for any fiscal year is reduced or deleted by the Budget Act for purposes of this program, the State shall have the option to either cancel this Agreement with no liability occurring to the State, or offer an agreement amendment to Contractor to reflect the reduced amount.

IV. PROMPT PAYMENT CLAUSE

- Payment will be made in accordance with, and within the time specified in, Government Code Chapter 4.5, commencing with Section 927.

EXHIBIT D
SPECIAL TERMS AND CONDITIONS

1. Disputes: Any disputes concerning a question of fact arising under this contract which is not disposed of by agreement shall be decided by the Director, Department of Alcoholic Beverage Control, or designee, who shall reduce his decision in writing and mail or otherwise furnish a copy thereof to the Contractor. The decision of the Department shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Contractor mails or otherwise furnishes to the State a written appeal addressed to the Director of the Department of Alcoholic Beverage Control. The decision of the Director of Alcoholic Beverage Control or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, capricious, arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence. In connection with any appeal proceeding under this clause, the contractor shall be afforded an opportunity to be heard and to offer evidence in support of its appeal. Pending final decision of a dispute hereunder, Contractor shall proceed diligently with the performance of the contract and in accordance with the decision of the State.

2. Cancellation/Termination: This agreement may be cancelled or terminated without cause by either party by giving thirty (30) calendar days advance written notice to the other party. Such notification shall state the effective date of termination or cancellation and include any final performance and/or payment/invoicing instructions/requirements. No penalty shall accrue to either party because of contract termination.

3. Contract Validity: This contract is valid and enforceable only if adequate funds are appropriated in Item 2100-101-3036, Budget Act of 2025, for the purposes of this program.

4. Contractor Certifications: By signing this agreement, Contractor certifies compliance with the provisions of CCC 04/2017, Standard Contractor Certification Clauses. This document may be viewed at: https://www.dgs.ca.gov/OLS/Resources/Page-Content/Office-of-Legal-Services-Resources-List-Folder/Standard-Contract-Language

5. If the State determines that the grant project is not achieving its goals and objectives on schedule, funding may be reduced by the State to reflect this lower level of project activity and/or cancel the agreement.

General Terms and Conditions (GTC 02/2025)

EXHIBIT C

1. APPROVAL: This Agreement is of no force or effect until signed by both parties and approved by the Department of General Services, if required. Contractor may not commence performance until such approval has been obtained.

2. AMENDMENT: No amendment or variation of the terms of this Agreement shall be valid unless made in writing, signed by the parties and approved as required. No oral understanding or Agreement not incorporated in the Agreement is binding on any of the parties.

3. ASSIGNMENT: This Agreement is not assignable by the Contractor, either in whole or in part, without the consent of the State in the form of a formal written amendment.

4. AUDIT: Contractor agrees that the awarding department, the Department of General Services, the Bureau of State Audits, or their designated representative shall have the right to review and to copy any records and supporting documentation pertaining to the performance of this Agreement. Contractor agrees to maintain such records for possible audit for a minimum of three (3) years after final payment, unless a longer period of records retention is stipulated. Contractor agrees to allow the auditor(s) access to such records during normal business hours and to allow interviews of any employees who might reasonably have information related to such records. Further, Contractor agrees to include a similar right of the State to audit records and interview staff in any subcontract related to performance of this Agreement. (Gov. Code §8546.7, Pub. Contract Code §10115 et seq., CCR Title 2, Section 1896).

5. INDEMNIFICATION: Contractor agrees to indemnify, defend and save harmless the State, its officers, agents and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, suppliers, laborers, and any other person, firm or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Agreement, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged by Contractor in the performance of this Agreement.

6. DISPUTES: Contractor shall continue with the responsibilities under this Agreement during any dispute.

7. TERMINATION FOR CAUSE: The State may terminate this Agreement and be relieved of any payments should the Contractor fail to perform the requirements of this Agreement at the time and in the manner herein provided. In the event of such termination the State may proceed with the work in any manner deemed proper by the State. All costs to the State shall be deducted from any sum due the Contractor under this Agreement and the balance, if any, shall be paid to the Contractor upon demand.

8. INDEPENDENT CONTRACTOR*:* Contractor, and the agents and employees of Contractor, in the performance of this Agreement, shall act in an independent capacity and not as officers or employees or agents of the State.

9. RECYCLING CERTIFICATION: The Contractor shall certify in writing under penalty of perjury, the minimum, if not exact, percentage of post-consumer material as defined in the Public Contract Code Section 12200, in products, materials, goods, or supplies offered or sold to the State regardless of whether the product meets the requirements of Public Contract Code Section 12209. With respect to printer or duplication cartridges that comply with the requirements of Section 12156(e), the certification required by this subdivision shall specify that the cartridges so comply (Pub. Contract Code §12205).

10. NON-DISCRIMINATION CLAUSE: During the performance of this Agreement, Contractor and its subcontractor*s* shall not deny the contract's benefits to any person on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status, nor shall they discriminate unlawfully against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status. Contractor shall insure that the evaluation and treatment of employees and applicants for employment are free of such discrimination. Contractor and subcontractors shall comply with the provision*s* of the Fair Employment and Housing Act (Gov. Code §12900 et seq.), the regulations promulgated thereunder (Cal. Code Regs., tit. 2, §11000 et seq.), the provisions of Article 9.5, Chapter 1, Part 1, Division 3, Title 2 of the Government Code (Gov. Code §§11135-11139.5), and the regulations or standards adopted by the awarding state agency to implement such article. Contractor shall permit access by representatives of the Department of Fair Employment and Housing and the awarding state agency upon reasonable notice at any time during the normal business hours, but in no case less than 24 hours' notice, to such of its books, records, accounts, and all other sources of information and its facilities as said Department or Agency shall require to ascertain compliance with this clause. Contractor and its subcontractor*s* shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. (See Cal. Code Regs., tit. 2, §11105.)

    Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

11. CERTIFICATION CLAUSES: The CONTRACTOR CERTIFICATION CLAUSES contained in the document CCC 04/2017 are hereby incorporated by reference and made a part of this Agreement by this reference as if attached hereto.

12. TIMELINESS: Time is of the essence in this Agreement.

13. COMPENSATION: The consideration to be paid Contractor, as provided herein, shall be in compensation for all of Contractor's expenses incurred in the performance hereof, including travel, per diem, and taxes, unless otherwise expressly so provided.

14. GOVERNING LAW: This contract is governed by and shall be interpreted in accordance with the laws of the State of California.

15. ANTITRUST CLAIMS: The Contractor by signing this agreement hereby certifies that if these services or goods are obtained by means of a competitive bid, the Contractor shall comply with the requirements of the Government Codes Sections set out below.

    a. The Government Code Chapter on Antitrust claims contains the following definitions:

        1) "Public purchase" means a purchase by means of competitive bids of goods, services, or materials by the State or any of its political subdivisions or public agencies on whose behalf the Attorney General may bring an action pursuant to subdivision (c) of Section 16750 of the Business and Professions Code.

        2) "Public purchasing body" means the State or the subdivision or agency making a public purchase. Government Code Section 4550.

    b. In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder. Government Code Section 4552.

    c. If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery. Government Code Section 4553.

    d. Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action. See Government Code Section 4554.

16. CHILD SUPPORT COMPLIANCE ACT: For any Agreement in excess of $100,000, the contractor acknowledges in accordance with Public Contract Code 7110, that:

    a. The contractor recognizes the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Chapter 8 (commencing with section 5200) of Part 5 of Division 9 of the Family Code; and

    b. The contractor, to the best of its knowledge is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the California Employment Development Department.

17. UNENFORCEABLE PROVISION: In the event that any provision of this Agreement is unenforceable or held to be unenforceable, then the parties agree that all other provisions of this Agreement have force and effect and shall not be affected thereby.

18. PRIORITY HIRING CONSIDERATIONS: If this Contract includes services in excess of $200,000, the Contractor shall give priority consideration in filling vacancies in positions funded by the Contract to qualified recipients of aid under Welfare and Institutions Code Section 11200 in accordance with Pub. Contract Code §10353.

19. SMALL BUSINESS PARTICIPATION AND DVBE PARTICIPATION REPORTING REQUIREMENTS**:**

    a. If for this Contract Contractor made a commitment to achieve small business participation, then Contractor must within 60 days of receiving final payment under this Contract (or within such other time period as may be specified elsewhere in this Contract) report to the awarding department the actual percentage of small business participation that was achieved. (Govt. Code § 14841.)

    b. If for this Contract Contractor made a commitment to achieve disabled veteran business enterprise (DVBE) participation, then Contractor must within 60 days of receiving final payment under this Contract (or within such other time period as may be specified elsewhere in this Contract) certify in a report to the awarding department: (1) the total amount the prime Contractor received under the Contract; (2) the name and address of the DVBE(s) that participated in the performance of the Contract; (3) the amount each DVBE received from the prime Contractor; (4) that all payments under the Contract have been made to the DVBE; and (5) the actual percentage of DVBE participation that was achieved. A person or entity that knowingly provides false information shall be subject to a civil penalty for each violation. (Mil. & Vets. Code § 999.5(d); Govt. Code § 14841.)

20. LOSS LEADER: If this contract involves the furnishing of equipment, materials, or supplies then the following statement is incorporated: It is unlawful for any person engaged in business within this state to sell or use any article or product as a “loss leader” as defined in Section 17030 of the Business and Professions Code. (PCC 10344(e).)

21. GENERATIVE AI DISCLOSURE OBLIGATIONS:

a. The following terms are in addition to the defined terms and shall apply to the Contract:

1) “Generative AI (GenAI)” means an artificial intelligence system that can generate derived synthetic content, including text, images, video, and audio that emulates the structure and characteristics of the system's training data. (Gov. Code § 11549.64.)

b. Contractor shall immediately notify the State in writing if it: (1) intends to provide GenAI as a deliverable to the State; or (2), intends to utilize GenAI, including GenAI from third parties, to complete all or a portion of any deliverable that materially impacts: (i) functionality of a State system, (ii) risk to the State, or (iii) Contract performance. For avoidance of doubt, the term “materially impacts” shall have the meaning set forth in State Administrative Manual (SAM) § 4986.2 Definitions for GenAI.

c. Notification shall be provided to the State designee identified in this Contract.

d. At the direction of the State, Contractor shall discontinue the provision to the State of any previously unreported GenAI that results in a material impact to the functionality of the System, risk to the State, or Contract performance, as determined by the State.

e. If the use of previously undisclosed GenAI is approved by the State, then Contractor will update the Deliverable description, and the Parties will amend the Contract accordingly, which may include incorporating the GenAI Special Provisions into the Contract, at no additional cost to the State.

f. The State, at its sole discretion, may consider Contractor’s failure to disclose or discontinue the provision or use of GenAI as described above, to constitute a material breach of Contract when such failure results in a material impact to the functionality of the System, risk to the State, or Contract performance. The State is entitled to seek any and all remedies available to it under law as a result of such breach, including but not limited to termination of the contract.

RESOLUTION NO 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AUTHORIZING THE EL CENTRO POLICE DEPARTMENT TO PARTICIPATE IN THE DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL GRANT PROGRAM

WHEREAS, the Department of Alcoholic Beverage Control ("ABC") provides funds to aid in the enforcement and education of laws related to the possession, purchase, and sale of alcoholic beverages, and the El Centro Police Department has submitted a grant application; and

WHEREAS, ABC has awarded sixty-thousand dollars ($60,000) to the El Centro Police Department for the purpose of conducting minor decoy operations, shoulder tap operations, impact inspections and holiday enforcement operations and the El Centro Police Department is required to execute a certificate of acceptance for that grant; and

WHEREAS, such funding will allow for reimbursement of operational overtime, and authorized travel for grant activities.

NOW, THEREFORE THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS;

1. That the foregoing is true, correct and adopted.

2. That the City Council hereby accepts the grant funds of sixty-thousand dollars ($60,000) for the Program.

3. That the City's Police Chief or City Manager is authorized to execute, on behalf of the City, the grant award agreement, if any, for the Program, a copy of which will be on file in the Office of the City Clerk, including any extensions, or amendments thereof.

4. That the City agrees to comply with all requirements for the Program (including any extensions or amendments thereof) and that funds will be appropriated as required thereby.

5. That grant funds received hereunder shall not be used to supplant expenditures controlled by this body.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro held on the day of , 2025

CITY OF EL CENTRO

By_____
Sonia Carter, Mayor

ATTEST:

By_____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By_____
Elizabeth Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the foregoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By_____
Norma Wyles, City Clerk

Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ESTABLISHING THE APPROPRIATIONS LIMIT FOR THE 2025-2026 FISCAL YEAR IN ACCORDANCE WITH ARTICLE XIII B OF THE CONSTITUTION OF THE STATE OF CALIFORNIA.

CITY MANAGER'S RECOMMENDATION:
Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ESTABLISHING THE APPROPRIATIONS LIMIT FOR THE 2025-2026 FISCAL YEAR IN ACCORDANCE WITH ARTICLE XIII B OF THE CONSTITUTION OF THE STATE OF CALIFORNIA.

FISCAL IMPACT:
N/A

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Financial & Governance Stability & Sustainability

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
N/A

BACKGROUND:
Article XIII B of the California Constitution requires cities and counties to adopt an Appropriations Limit on an annual basis.

DISCUSSION:
The 2026 Appropriations Limit has been calculated using the change in total population and the change in California per capita income.

This resolution establishes the City’s 2026 Appropriations Limit at $54,514,047.

Preliminary estimates of proceeds from taxes for the 2026 fiscal year are $44,011,438 leaving an unused appropriations limit of $10,502,609.

CONCLUSION:
Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ESTABLISHING THE APPROPRIATIONS LIMIT FOR THE 2025-2026 FISCAL YEAR IN ACCORDANCE WITH ARTICLE XIII B OF THE CONSTITUTION OF THE STATE OF CALIFORNIA.

ATTACHMENTS:
1. Resolution - Gann Limitation FY 2026

2. 2026 Appropriations Limit - Exhibit A-1
3. 2026 Exhibit A-2

RESOLUTION NO. 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ESTABLISHING THE APPROPRIATIONS LIMIT FOR THE 2025-2026 FISCAL YEAR IN ACCORDANCE WITH ARTICLE XIII B OF THE CONSTITUTION OF THE STATE OF CALIFORNIA

WHEREAS, in 1979, the voters of the State of California approved Proposition 4, which was a spending-limit initiative to restrict growth of tax-funded programs and services by California cities and counties and which created Article XIII B of the California Constitution; and

WHEREAS, in 1990, the voters of the State of California amended Article XIII B of the California Constitution by approving Proposition 111; and

WHEREAS, Article XIII B requires that the governing body of each local jurisdiction shall, post the calculations and thereafter by resolution, to establish its appropriations limit annually; and

WHEREAS, the City Council has selected the following adjustment methods: the CPI for the cost of living adjustment; for the change in population, the percentage change in population within the City, both as provided by the State of California as shown by Exhibits A-1 and A-2, attached and incorporated as if fully set forth herein.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.

2. That the City Council of the City of El Centro, California, establishes fifty-four million, five hundred fourteen thousand, forty-seven dollars, and zero cents ($54,514,047) as shown on Exhibit “A-1” and “A-2”, as the City’s appropriations limit for the 2025-2026 fiscal year.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025.

CITY OF EL CENTRO

By_____
Sonia Carter, Mayor

ATTEST:

By_____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By_____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the foregoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By_____
Norma Wyles, City Clerk

Gann Appropriations Limit

History

The voters of California, during a special election in 1979, approved Article XIII-B of the California State Constitution (informally known as Proposition 4, or the "Gann Initiative"), which restricts the total amount of appropriations allowed in any given fiscal year from the "proceeds of taxes."

In 1980, the State Legislature added Section 9710 to the Government Code which required the governing body of each local jurisdiction to establish, by resolution, an appropriations limit for the following year. The appropriations limit for any fiscal year was equal to the previous year's limit, adjusted for population changes, and the change in the U.S. Consumer Price Index (or California per Capita Personal Income, if smaller). The necessary statistical information is provided each year by the California Department of Finance.

In June 1990, the voters modified the original Article XIII-B (Proposition 4) with the passage of Proposition 111 and its implementing legislation (California Senate Bill 88). Beginning with the 1990-91 appropriations limit, a City may choose annual adjustment factors. The adjustment factors include the growth in the California Per Capita Income *or* the growth in the non-residential assessed valuation due to construction within the City, and the population growth within the County *or* the City. Under Proposition 4, if a city ends the fiscal year having more proceeds of taxes than the limit allows, it must return the excess to the taxpayers within two years (either by reducing taxes levied or fees charged).

Calculation of Limitation

Appropriations Limit for:	FY 2024/2025		$50,648,489
Adjustment Factors:		% Ratio	
	Population Factor (City)	1.0644	
	Price Factor	1.0112	
	Population Factor * Price Factor (1.0644 X 1.0112)	1.0763213	
Appropriations Limit for:	FY 2025/2026		$54,514,047

El Centro and the Future

The following table provides an analysis of the City of El Centro's appropriations limit. Historically, the City has remained well below its appropriations limit. For the 2023/2024 fiscal year, there is a significant gap of $7,229,892 between the appropriations limit and the total City's appropriations. With such a sizable margin, the provisions related to the return of taxes clearly do not, and will not, apply the City of El Centro any time in the near future.

Fiscal Year	Appropriations Limit	Total City's Appropriations
2014/2015	31,362,566	22,830,292
2015/2016	32,912,190	25,794,510
2016/2017	34,853,022	26,639,019
2017/2018	36,395,617	32,235,812
2018/2019	38,482,178	30,052,295
2019/2020	40,011,845	30,793,677
2020/2021	41,396,375	31,141,570
2021/2022	43,273,783	34,678,805
2022/2023	46,163,972	38,740,049
2023/2024	48,218,474	40,988,582
2024/2025	50,648,489	39,500,023
2025/2026	54,514,047	44,011,438

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City of El Centro
2026 Appropriations Limit

Price Factor	=	Increase in California Per Capita Income
	=	6.44
Population Factor	=	Increase in Total City Population
	=	1.12
2025 Factor	=	Price Factor x Population Factor
	=	1.0362 x 1.0137
	=	1.07632128
2025 Appropriations Limit	=	2025 Limit x 2026 Factor
	=	50,648,489 x 1.07632128
	=	54,514,047

Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A SERVICE TRUCK FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION BASED UPON INFORMAL BIDS.

CITY MANAGER'S RECOMMENDATION:

Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A SERVICE TRUCK FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION BASED UPON INFORMAL BIDS.

FISCAL IMPACT:

No impact to the General Fund. $60,000 was budgeted from Gas Tax, Fund 201 in Fiscal Year 2026, account 201-3204-730102. Proposed purchase amount of $59,370.70 is within budget.

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

Environmental Sustainability & Infrastructure

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

NA

BACKGROUND:

The Street Maintenance Division was approved for the purchase of a new service truck during the 2026 budget cycle. The new service truck will replace city vehicle No. 79, a 2005 Ford Ranger.

The division was budgeted $60,000 to proceed with the vehicle purchase.

DISCUSSION:

Street Maintenance division staff obtained two informal bids/quotes from National Auto Fleet Group and Paradise Chevrolet Cadillac. National Auto Fleet Group is an approved vendor of Sourcewell, a national cooperative agreement organization. Many times, purchasing through Sourcewell vendors result in lower costs, however Paradise Chevrolet resulted in lower proposal in this case.

The two proposals are as follow:

National Auto Fleet Group's quote for a 2026 Chevrolet Silverado 2500HD unit is $52,524.43 before taxes. Paradise Chevrolet Cadillac's quote for a 2026 Chevrolet

Silverado 2500HD unit is $51,832.74 before taxes.

Staff has reviewed the quotes and would like to proceed with purchasing the truck from Paradise Chevrolet Cadillac for an amount of $59,370.70. The purchase price includes taxes and also includes extended warranty.

CONCLUSION:

Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A SERVICE TRUCK FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION BASED UPON INFORMAL BIDS.

ATTACHMENTS:

1. Resolution No. 25 -
2. Paradise Chevrolet Cadillac Quote

RESOLUTION NO. 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A SERVICE TRUCK FOR THE PUBLIC WORKS STREET MAINTENANCE DIVISION BASED UPON INFORMAL BIDS.

WHEREAS, the City of El Centro Street Maintenance Division was approved to purchase a new vehicle during the Fiscal Year 2026 budget cycle; and

WHEREAS, the City Code Section 2-173 allows an informal bid for amounts up to $50,000, which monetary cap may be and generally waived by the approving resolution; and

WHEREAS, staff obtained two informal bids and determined to proceed with the quote from Paradise Chevrolet Cadillac of $59,370.70 (fifty-nine thousand, three hundred seventy dollars and seventy cents) for a 2026 Chevrolet Silverado 2500 with an extended warranty; and

WHEREAS, the City Council of the City of El Centro must approve and authorize the purchase of the equipment for the Public Works Street Maintenance Division and waive the monetary cap in Code Section 2-174 for the bidding process; and

WHEREAS, the City Council finds that its approval of the purchase in this manner is in the best interest of the City.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.

2. That the City Council finds that it is appropriate to waive the monetary limits and process set out in the City Code and on that basis to approve the purchase.

3. That the Acting City Manager and Interim Finance Director approve the purchase as provided under Code Section 2-173.

4. That the Acting City Manager is hereby authorized to sign any documents related to the purchase of the equipment if needed, a copy of which is on file in the office of the City Clerk, on behalf of the City and to take all necessary steps to implement such purchase.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California held on the day of , 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By _____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the forgoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

Paradise Chevrolet Cadillac

RYAN MICHAEL SCHWARZ
Paradise Chevrolet Cadillac
27360 YNEZ RD
TEMECULA, CA 92591
Phone: **(805) 901-1146**

uyer:

ITY OF EL CENTRO
275 W MAIN ST
_ CENTRO, CA 92243
ome #: (760) 337-4543
'ork #: (760) 337-4543
ell #: (760) 791-9088

·Mail: nwyles@cityofelcentro.org

Deal #: 260411
Deal Date: 08/19/2025
Print Time: 03:31pm
Salesperson: RYAN MICHAEL SCHWARZ

Vehicle

ew	sed	emo	Stock #:	Description:	VIN:	Mileage:
☑	☐	☐		2026 CHEVROLET TRUCK SILVERADO 2500		

Trade

SRP:	$	54,590.00
aradise Fleet Discount:	$	2,757.26
ale Price:	**$**	**51,832.74**
otal Aftermarkets:	$	0.00
ervice Agreement:	$	4,376.00
aintenance Agreement:	$	0.00
AP Insurance:	$	0.00
otal Trade Allowance:	$	0.00
otal Sale Price:	**$**	**56,208.74**
ocumentary Fee:	$	85.00
ate & Local Taxes:	$	4,283.21
otal License and Fees:	$	43.75
otal Cash Price:	**$**	**60,620.70**
otal Trade Payoff:	$	0.00
elivered Price:	**$**	**60,620.70**
ash Down Payment	$	0.00
otal Rebates:	$	1,250.00
ut the Door:	**$**	**59,370.70**
otal Savings:	$	4,007.26

Vehicle details:

2026 Chevrolet Silverado 2500HD 4x2 Crew Cab Pickup

Extended Service Agreement - 72 Months / 150,000-miles
6.6L V8 Gas
6.5FT Bed
17" Machined Aluminum Wheels
Jet Black, cloth seats
Safety Package - Front and Rear Park Assist, Lane Change Alert w/ Side Blind Zone Alert, Rear Cross Traffic Alert
Convenience Package - Power-adjustable vertical trailering mirrors, rear-window defogger, 120-volt power outlet (in cab), 120-volt bed-mounted power outlet, chrome bumpers
Deep-tinted glass
Seat adjuster, driver 10-way power

Customer Acknowledgement

Manager Acknowledgement

Adopt Resolution 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED TRAVEL EXPENSE AND REIMBURSEMENT POLICY FOR ELECTED OFFICIALS.

CITY MANAGER'S RECOMMENDATION:
Adopt Resolution 25- RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED TRAVEL EXPENSE AND REIMBURSEMENT POLICY FOR ELECTED OFFICIALS

FISCAL IMPACT:
None

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
N/A

BACKGROUND:
The City Council Travel Policy was last updated in 2008. Since that time, there have been changes in transportation options, such as Uber, flights from the Imperial Valley, changes to the reimbursement amounts provided by federal law and, overall, updated to clarify the terms of travel. The policy has also been updated to acknowledge the availability of CalCards for City Council members.

DISCUSSION:
The updated Travel Policy provides as follows: Reimbursement to a Council member for general business expenses in accordance with California Government Code Section 53232.2 and 53234.3, including travel, business meals, lodging, conference expenses, professional memberships, and other travel related expenditures incurred while conducting City business. This policy also establishes procedures for authorization and reimbursement of such expenses.

This policy is not intended to address every issue, exception, or contingency that may arise in the course of City travel. The basic standard that should always prevail is to exercise good judgment in the use and stewardship of the City's resources.

CONCLUSION:
Adopt Resolution 25- RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED TRAVEL EXPENSE AND REIMBURSEMENT POLICY FOR ELECTED OFFICIALS

ATTACHMENTS:

1. EC - Travel Policy draft 9.9
2. Travel & Expense Resolution 25 -

CITY OF EL CENTRO

POLICY STATEMENT

Policy Statement No: 105.1 Adopted: 2/6/2008
Category: General Amended: 09/16/2025
Subject: Expense & Reimbursement policy for elected officials (pursuant to Govt. Code Section 53232 et seq);

CITY OF EL CENTRO TRAVEL EXPENSE AND REIMBURSEMENT POLICY FOR CITY COUNCIL MEMBERS

Background: The City of El Centro is a charter city. As such, the City derives its authority from the California Constitution and its charter. The City may make and enforce provisions related to municipal affairs. However, the City may not grant extra compensation or extra allowance to a public officer, public employee, or contractor after service has been rendered or a contract has been entered into and performed in whole or in part, or pay a claim under an agreement made without authority of law. (California Constitution Section 10).

1. PURPOSE

This policy is separate from and in addition to the stipend and allowance paid pursuant to City Code Section 2-32, as that may be amended from time to time.

This written policy provides for reimbursement to a Council member for general business expenses in accordance with California Government Code Section 53232.2 and 53234.3, including, travel, business meals, lodging, conference expenses, professional memberships, and other travel related expenditures incurred while conducting City business.

This policy also establishes procedures for authorization and reimbursement of such expenses.

This policy is not intended to address every issue, exception, or contingency that may arise in the course of City travel. Accordingly, the basic standard that should always prevail is to exercise good judgment in the use and stewardship of the City's resources.

2. APPLICABILITY

This policy is applicable to all elected officials of the City of El Centro, and all Boards, Committees and Commissions (hereinafter "legislative bodies" pursuant to Govt. Code Section 54952) of the City that are subject to the Ralph M. Brown Act (Government Code

Section 54590 et seq. "hereinafter 'Brown Act'").

3. AUTHORIZATION AND REIMBURSEMENTPOLICY FOR TRAVEL AND RELATED EXPENSES

All expenditures and any requests for reimbursement shall logically relate to the conduct of City business, shall be necessary to accomplish the purposes of such business, and shall be "reasonable" in amount in the opinion of the Finance Director and City Manager.

The City Council authorizes all travel, appropriates, reviews and allocates all funds for travel in the City's annual budget.

In consultation with the Council, the City Manager administers the travel program in accordance with the instructions made by the City Council.

A. Authorization For Travel and Related Expenses

1. Specific Occurrences/Activities

Expenses incurred in connection with the following types of activities generally constitute authorized expenses and are of benefit to the City, as long as the other requirements of this policy and any other policy are met. By way of example, these include:

a. Out of town meetings with government and/or business leaders including but not limited to lobbying trips.
b. Conferences, training and educational trips, including visiting other governments to discuss and observe best practices.
c. Participating in regional, state and national organizations whose activities affect the City's interests.

4. PROHIBITIONS

Examples of expenses that the City shall not reimburse include, but are not limited to:

a. The personal portion of any trip.
b. Family expenses, including a spouse's, or a partner's or a child's expenses when accompanying an official on City related business.
c. Laundry expenses
d. Entertainment expenses, including theater, movies (either in-room

or at the theater), sporting events (including gym, massage and/or golf related expenses), or other cultural events.

e. Political, religious or charitable contributions or events.

f. Alcoholic beverages or cannabis.

5. EXCEPTIONS

In accordance with Government Code Section 53232.2(f), all expenses that do not fall within this adopted expense and reimbursement policy must be approved by the City Council in a public meeting, before the expense is incurred.

Transportation

The most economical mode and class of transportation reasonably consistent with scheduling needs and cargo space requirements should be used, using the most direct and time-efficient route. **Officials shall use government and/or group rates offered by a provider of transportation when available**. The following transportation modes may be used for the purpose of traveling on City business:

a. Air Travel

Air travel on City business should be at the lowest possible fare class. Planning for air travel that originates or ends in Imperial County shall always include a check of fares and flight times of commercial carriers based at Imperial County Airport. Officials are encouraged to fly from and to the local airport whenever fares are comparable or lower than at other airports, and flight times accommodate travel needs. In comparing airfare between carriers based inside and outside of the Imperial County the following factors should also be taken into consideration: official's travel time, mileage cost, long term airport parking cost and reliability. **If a decision is made to use a commercial carrier not based at the Imperial County Airport, mark the checkbox(es) on the Travel Authorization (TA) form to indicate the factor(s) supporting the decision.** Officials should try to book air travel as early as possible to take advantage of discounts.

b. Driving

If official will be driving, official may use a City vehicle if one is available. Official will be reimbursed for gasoline when he/she returns or a gas card or CalCard may be used..

If a City vehicle is not available, official has two options: use a rental vehicle or official's personal vehicle.

Use of a rental vehicle requires City Manager approval. Rentals for two or fewer officials should be made at the lowest possible car rate. When renting a car,

insurance and other extras should not be requested.

If an official uses his/her personal car, the official will be reimbursed for actual mileage (not to exceed coach or tourist class airfare, where airline travel is a reasonable alternative), at the current federal Privately Owned Vehicle Mileage Reimbursement rate for use of a privately owned vehicle (POV). See http://www.gsa.gov/travelpolicy.

To drive a privately owned vehicle on City business officials must:

1. Possess a valid California driver's license.

2. Carry adequate liability insurance coverage.

3. Realize that any damage to the car, needed service, or repair occurring on the trip will be the official's responsibility, as these costs are included in the City's per mile cost reimbursement.

c. Transportation at destination

If an official needs local transportation at the destination, use of public transit, shuttle services, or shared ride services is appropriate. Use of a rental vehicle shall comply with the requirements set out above. Officials will be reimbursed for these expenses. Receipts must be provided to obtain reimbursement.

d. Lodging

Generally, the City will pay for a single room (including taxes and parking) for as many nights as necessary. The accommodations officials use should be economical but practical_and registration should be done as soon as possible to assure hotel availability. For example, it is preferable to stay at the hotel where a conference is held, even if that hotel may be slightly more expensive than others in the area. Location is also important: a hotel close to where officials will be conducting business may be slightly more expensive than outlying hotels, but it may be easier to achieve the City's travel goals by staying at the closer location. In general, official should stay at the most reasonably priced accommodations available consistent with the purpose and goals of their travel

Reservations - The City Clerk shall make reservations well in advance of travel dates as required for large conferences. Reservations can be held with the use of a credit card. Be sure to cancel any reservations you will not use. If the City is charged for an unused reservation, officials will pay that charge unless circumstances requiring cancellation were reasonably beyond their control.

e. Out of Town Meals

Meals and incidental expenses (M&IE) allowances are paid at the federal per diem

rate as set out on the General Service Administration website, gsa.gov.

The meal allowance is considered to be 85% of the M&IE. Allowance for meals are a pro-rata amount of the calculated meal allowance as follows:

- Breakfast 25%
- Lunch 25%
- Dinner 50%

The term "incidental allowance" includes, fees and tips for services such as for waiters and baggage handlers. Laundry and cleaning expenses are not allowed.

f. Non-Travel Expenses - Miscellaneous

The City will pay expenses officials incur attending meetings or conferences held locally which do not include travel expenditures such as additional registration or meal fees, only when receipts are presented with an explanation for the expense that shows it is related to City business.

The City will reimburse officials for training materials associated with the program available for sale at such an event.

6. REIMBURSEMENT FOR TRAVEL AND RELATED EXPENSES

1. Travel Requests:

Travel Authorization (TA's) are required for all overnight travel. For travel that does not require an overnight stay, the normal check request or purchase order procedures may be used to request vendor payments or employee expense reimbursements. City Manager and City Clerk approval of TA's is required. Page 1 of the completed TA and accompanying check request should be submitted to the City Manager as far in advance as possible. Page 2 of the TA will be used when you return to account for your expenses.

If official is using a personal or City credit card, the official must keep all documentation for reconciliation. When an official travels, he or she must take along a copy of the TA to be used for expense reconciliation upon your return.

2. Expense Reports and Submission Deadlines

When an official returns from his/her trip or official function and is requesting reimbursement, a final accounting of all expenses must be submitted to the City Manager within ten (10) working days. The reports shall be accompanied by the receipts documenting each expense necessary to meet this policy for expenditure of public resources.

In the event the City Manager is uncertain as to whether an expense is reimbursable in

accordance with this policy, the City Manager may seek the advice of the City Attorney.

Documentation required includes, but is not limited to:

i. Credit card and/or cash payment receipts.

ii. Meal, hotel, transportation and other expense receipts.

iii. Conference brochure.

iv. Meeting agenda.

v. Approved attendees at a meal or meeting who cannot be a spouse or family member

vi. Transportation receipts.

The reason for the expenses should be clearly documented on the Expense Reimbursement Report or in the attached documents.

If not paid in advance, convention or meeting registration fees qualify for reimbursement. In cases where early registration is not possible, a receipt or registration form illustrating the fee amount must be provided with the reimbursement request. In all cases, a brochure or registration document must accompany the request.

All expenses are subject to verification that they comply with this policy. The information submitted in the report is a public record.

The final accounting is made by completing the "Expense Report" portion of the TA (Page 2). After completing the expense report, the official shall sign the report attesting to its accuracy, and submit it to the City Manager who will review as provided herein and then forward it to Finance for processing.

3. Reports to City's Governing Body

Each official shall provide a brief report on meetings and events attended at the expense of the local agency at the next regular meeting of the local agency. If multiple officials attend an event, a joint report may be made. The official may give either a written or oral report.

4. **Reimbursement For No Shows and Late Cancellations**

This section addresses situations where an official has used his/her personal funds or cards and then fails to attend an event after the official has incurred the expenses and seeks reimbursement from the City.

If an official is unable to attend a planned trip or event, he or she must notify the City Clerk as soon as possible to try to cancel reservations. It is the official's responsibility to attach a written explanation to the Travel Reimbursement Request form addressing the reason(s) he or she was **unable** to attend (ex. unexpected illness, injury or death in the family, etc.) or other good cause.

The City Manager will determine whether the reason(s) given for the failure to attend complies with this policy. If it is determined that the reason(s) given do not comply with this policy, the reimbursement request may be denied. In the event the City Manager is uncertain as to whether the reason(s) given complies with this policy, the City Manager may seek the advice of the City Attorney.

a. Use of Cal Card

A Council member's use of a CalCard is subject to the provisions of Policy 304. Violation of those provisions also will be a violation of this Policy. Please note the due date for CalCard submission is the 10th of each month.

7. COPY OF POLICY TO BE PROVIDED TO OFFICIALS

A copy of this policy shall be provided by the City Clerk to each official, as defined herein, within thirty (30) calendar days after the adoption of this policy and to each new official appointed after the date of this policy at the time the official takes their oath of office or assumes their office, as the case may be. The Council member shall acknowledge receipt in writing of this Policy and the City Clerk shall retain such acknowledgement.

8. VIOLATION OF THIS POLICY

Use of public resources or falsifying expense reports in violation of this policy may result in any or all of the following: a) loss of reimbursement privileges; b) a demand for restitution to the City; c) the City reporting the expenses as income to the official to state and federal tax authorities; d) civil penalties for misuse of public resources pursuant to Government Code Section 8314; and, e) prosecution for misuse of public resources pursuant to Penal Code Section 424.

Violation of this Policy by a member of a Board or Commission may be a basis for removal of that Board or Commission member.

RESOLUTION NO. 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED TRAVEL EXPENSE AND REIMBURSEMENT POLICY FOR ELECTED OFFICIALS

WHEREAS, the City of El Centro (the "City") acknowledges the value of professional seminars, conferences, training, and meetings and therefor this policy provides for reimbursement to City Council Members for general business expenses as allowed by law; and

WHEREAS, the City Council Travel Policy was adopted in February 6, 2008. Since that time, there have been changes in transportation options, such as Uber, flights from the Imperial Valley Airport, changes in reimbursement amounts provided by federal law and overall updates to clarity the terms of travel; and

WHEREAS, California Government Code Sections 53232.2 and 53234.3, including travel, business meals, lodging, conference expenses, professional memberships, and other travel related expenditures incurred while conducting City business, establish procedures for authorization and reimbursement of such expenses; and

WHEREAS, the policy is not intended to address every issue, exception, or contingency that may arise in the course of City travel. The basic standard that should always prevail is to exercise good judgement in the use and stewardship of the City's resources; and

WHEREAS, the policy is applicable to all elected officials of the City of El Centro, and all Boards, Committees and Commissions (hereinafter "legislative bodies" pursuant to Govt. Code Section 54952) of the City that are subject to the Ralph M. Brown Act (Government Code Section 54950 et seq. "hereinafter 'Brown Act'''); and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.

2. That the travel policy adopted in 2008 is hereby rescinded.

3. That the revised Policy Statement 105.1 related to elected officials travel and reimbursement is hereby adopted.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California held on the day of , 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By _____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the forgoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED CALCARD POLICY.

CITY MANAGER'S RECOMMENDATION:
Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED CALCARD POLICY

FISCAL IMPACT:
None

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
N/A

BACKGROUND:
The City uses a program called CalCard, which is through the use of the State of California, Department of General Services, and it provides credit cards for City employees as an alternate purchasing method. This policy is developed to ensure that all CalCards issued under agreement with the City of El Centro serve a legitimate business purpose and are adequately monitored by management for compliance. At the request of City Council, the ability to obtain a City credit card will now be expanded to City Council members and the policy updated since its adoption in 2011.

DISCUSSION:
The use of CalCards is to allow City Council members and City employees an efficient means of payment for approved expenses, and its purposes of making authorized reservations, paying travel expenses, and doing City business in the most efficient manner. Use of the CalCards are subject to credit limits, reporting requirements and strict rules for City business use, as well as procedures for reconciling charges in a timely manner.

CONCLUSION:
Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED CALCARD POLICY.

ATTACHMENTS:
1. 9.9.25 - Cal Card Policy
2. CalCard Policy Resolution 25 -

CITY OF EL CENTRO
POLICY STATEMENT

Policy Statement No: 307
Category: Financial Management
Subject: Cal-Card Policy and Procedures

Adopted: December 2000
Revised: October, 2011 and September 2025
Distribution: City Council members and All Departments

Purpose

Cal-cards are used to provide an alternative purchasing method for City Council members who request them and for designated City employees. This policy is developed to ensure that all Cal-cards issued under agreements with the City of El Centro serve a legitimate business purpose and are adequately monitored by management for compliance.

Use of credit cards

The use of Cal-Cards is to allow City Council members and City employees access to an efficient and alternative means of payment for approved expenses. It is for the purpose of making authorized small-dollar purchases (under $1000), securing reservations, paying travel expenses, making car rental and similar deposits, placing phone orders, and doing City business in the most efficient manner. The program is through the use of the State of California, Department of General Services, Procurement Division, CAL-Card Program using U.S. Bank's International Merchants Purchase Authorization Card (I.M.P.A.C.)

Any and all use of a Cal-Card also must comply with the City's current Travel and Reimbursement Policy and other applicable policies for City Council members For City employees, the Personnel Rules and Regulations shall apply. \

Security of credit cards

The **Finance Director (Agency Program Coordinator**) is responsible for the City of El Centro credit card issuance, accounting, monitoring, retrieval, and for general oversight of compliance with this Cal-Card Policy.

Cardholders will be required to sign the Cardholder agreement, indicating that they accept the terms of this policy. Only those who are authorized and who have signed the Credit Card user agreement may use Cal-Cards

Individuals who do not adhere to these policies and procedures risk revocation of their credit card privileges and other remedies as appropriate.

A Cardholder's credit card will have both a 30 day limit ($5000) and a single purchase limit ($10,000).

Purchases

Credit cards shall only be used to purchase goods or services for the official business of the City of El Centro.

- ❖ The following Purchases are not allowed:
  - Cannabis, alcoholic beverages or tobacco products
  - Capital equipment and upgrades over $500
  - Construction, renovation/installation
  - Controlled substances
  - Items or services on term contracts
  - Maintenance agreements
  - Any personal items or loans
  - Purchases involving trade-in of City's property
  - Rentals (other than short-term autos)
  - Telephones, related equipment, or services
  - Any other items deemed inconsistent with the values of the City of El Centro
  - Consultants, instructors, and speakers contracted by the City
  - Cash advances on credit cards
  - Service/labor
  - Payments for others excepting incidental food or beverage purchases for City group or departmental meetings

Procedures

1. Credit cards may be requested by the approving official (department director or City Manager for Council members) for the prospective cardholders. The request must be in writing on the Credit Card Request Form.
2. Authorized credit cardholders are determined by the Agency Program Coordinator (i.e. Finance Director).
3. Upon receiving a request to issue a new Cal-Card, the Finance Director or designee will return a memo to the new cardholder confirming their request. Attached to the memo will be the Cal-Card procedures and agreement.
4. If approved and prior to receiving the Cal-Card, any new cardholder will be required to sign the Cardholder agreement indicating they have become familiar with the Cal-Card procedures and will comply with and agree to the terms of this policy.
5. Credit cards are issued in the name of the City and the authorized cardholder. Any annual fee is charged to the cardholder's cost center or travel allocation. The cardholder will acknowledge the receipt of the bank card.
6. Credit card statements shall be reconciled with the vendor receipts/invoices and submitted to accounts payable within 15 calendar days of submission so that the City does not incur penalty and interest charges. If statements are submitted for payment without sufficient time to make a timely payment, interest and penalty, if any, will be charged to the cardholder's cost center.
7. Approving Officials (department director) shall review purchases and invoices to ensure compliance with these procedures. Credit card statements for purchases and invoices for Council members shall be sent to the City Clerk for review and approval.
8. All requisitions submitted for credit card payments shall be approved by appropriate management level and department director through the MUNIS automated approval process.
9. The claim for payment should include all receipts/invoices.

a. If an original receipt has been misplaced, the cardholder must attach a signed memo containing the date, vendor, amount, and nature of purchase

10. In the case of meals and meeting related expenses, each receipt must include:
    a. The names of all persons involved in the meal and/or meeting; and
    b. A description of the business purpose of the purchase, in accordance with Internal Revenue Service regulations.
11. All credit card statements shall be signed by both the cardholder and the department director or City Manager (for Council members) to attest to the accuracy and appropriateness of the transactions.

Authorized employees issued a credit card are responsible for its protection and custody and shall immediately notify the Finance Director or Finance Manager if the Credit Card is lost or stolen.

Termination of Cardholder Accounts

Upon cancellation of the card, termination of employment with the City or upon a Council member's leaving office, Cardholder accounts will be immediately closed. Cal-Cards will be collected from employees during the Exit interview process with Human Resources. Human resources will forward the Cal-Card to the Agency Program Coordinator and will notify Finance of the termination date for credit card payment purposes. A City Council Member shall return the card to the City Clerk or City Manager upon termination of the account. Cardholder shall report any pending charges as of the surrendering of the card and shall assert that they have reported all charges.

Disputed Charges and Assistance.

In the event of disputed charges or other questions, cardholders should:

1. Contact merchant to seek resolution.
2. If resolution is not reached, complete the cardholder Statement of Questioned Item (CSQI) (Exhibit A) and forward to U. S. Bank.
3. Forward a copy of CSQI to the Finance Director.

Returns

In the event of returned merchandise or other credits, cardholders must check subsequent statements for credit and attach the credit slip to the statement when submitting the statement for payment. If a credit slip was not obtained, other documentation explaining the return should be attached. If credit does not appear by the second subsequent statement, the cardholder should contact the Finance Director.

Lost or Stolen Cards

Report lost or stolen cards immediately by calling U. S. Bank IMPAC Government Services at 1-800-227-6736. Notify the approving official (department director) and the Finance Division. If not reported immediately, the City may be liable for fraudulent charges which will be charged to the cardholder's cost center.

Responsibilities of Cardholders

Productivity. The City promotes progressive productive work methods and supports a "plan ahead" philosophy to achieve the best possible results. A purchase should not be made with a

Procurement Card unless it is the most productive purchasing method. Procurement Cards should not be used to replace planning.

Inappropriate Purchases.
Neither U. S. Bank, nor merchants, assume any responsibility for inappropriate purchases. If an inappropriate purchase is made by a cardholder, the merchant will be paid and the department cost center will be charged unless the merchant agrees to take the merchandise back and issue a credit. Inappropriate purchases will result in the cancellation of a cardholder's Procurement Card as well as any and other appropriate remedies, including but not limited to repayment.

Procurement Card Cancellation.
A Department Head or the City Manager may request the cancellation of any Procurement Card for which he or she is responsible and the Finance Director will cancel the card.

Internal Accounting Controls
A current list of all credit cards, authorized users, and credit limits shall be kept on file.

Requirements for use of credit card:

1. The credit card is to be used only to make purchases for the legitimate business of the City of El Centro.
2. The credit card must be used in accordance with the provisions of this credit card policy and purchasing procedures established by the City of El Centro as well as the provisions of the Travel and Reimbursement Policy.

Responsibilities of the Agency Program Coordinator (Finance Director)
Issuance and Cancellation of Cards. The APC is responsible for securing and canceling procurement cards.

Review of Card Purchases. The APC will review Procurement Card purchases. The APC will notify cardholders and Approving Officials whenever established procedures are not being followed. However, the respective department director or each Council member is responsible for the review of purchases and invoices to ensure compliance with these procedures The APC may cancel the card of any cardholder at any time for any reason.

Violation of this Policy.

Employees should note that there may be cause for disciplinary action or violations of state law should any of the terms of this Policy be violated.

A Councilmember should note the provisions of Resolution No.21-82, Establishing Norms and Procedures and Order of Business for the City Council of the City of El Centro and Related Functions and Activities as well as provisions of state law should any of the terms of this Policy be violated.

CRITICAL CONTACTS

Lost or Stolen Cards

A cardholder must report a lost or stolen card immediately after discovering that his or her card is missing.

1. Call U. S. Bank IMPAC Government Services directly, 24 hours a day, at 800-227-6736.

   Identify yourself as a cardholder under the City's name and state your name and credit limit.

2. Call Accounts Payable at 337-4510.

   Give your name, department, the circumstances under which the card was lost, and provide the date and time that U. S. Bank IMPAC Government Services was notified.

General Assistance

For general assistance with any problems concerning your procurement cards, contact the APC (Director of Finance).

COMMONLY ASKED QUESTIONS

1. How can I tell I.M.P.A.C. from my personal credit card?
   City of El Centro appears on the top of the card.

2. May I use it for personal purchases and then reimburse the City?
   No.

3. What are my limits?
   The APC has assigned 30 day and single purchase limits; see above.

4. What if the nature of my job requires a higher limit?
   Make a written request through your Supervisor to the APC stating the limit you require and why it is necessary. Council members are not subject to higher limits.

5. What if I try to use my card and it is denied?
   This could happen because:
   1. You are above your limit for either the single purchase or for the billing period.
   2. Your charges from the previous billing period have not been paid.
   3. Your merchant type code does not allow the particular item you are attempting to purchase.

6. How will I receive my statement?
   U. S. Bank will mail it to your work address. For Council members, this will be to the City Finance Department.

7. When does it need to be submitted to accounts payable?
   By the 10th of each month.

8, What if I am on vacation?
   Leave your receipts with your supervisor or, for the Council members, the City Clerk, for processing in your absence.

9. What if I am asked why I have a City credit card?
   We want you to take the time to explain the program to anyone who inquires. Use the information in this document. If anyone asks a question that you cannot answer, ask for his or her name and telephone number and let them know they will receive the information. Contact the APC at 337-4550 for a response.

CITY OF EL CENTRO CARDHOLDER AGREEMENT

I, _____, hereby acknowledge receipt of the following

credit card: _____ / _____
(type of credit card) (credit card number)

I understand that improper use of this card may result in disciplinary action, as outlined in the City of El Centro handbook or Norms & Procedures, as well as personal liability for any improper purchases. As a cardholder, I agree to comply with the terms and conditions of this agreement, including the attached Credit Card Policies and Procedures agreement.

I acknowledge receipt of said Agreement and Policies/Procedures and confirm that I have read and understand the terms and conditions. I understand that by using this card, I will be making financial commitments on behalf of the City of El Centro and that the City of El Centro will be liable to U. S. Bank for all charges made on this card.

I will strive to obtain the best value for the City of El Centro when purchasing merchandise and/or services with this card.

As a holder of this City of El Centro card, I agree to accept the responsibility and accountability for the protection and proper use of the card, as enumerated above. I will return the card to the Finance Director, upon demand, during the period of my employment or service on the City Council. I further agree to return the card upon termination of employment or leaving office. I understand that the card is not to be used for personal purchases. If the card is used for personal purchases or for purchases for any other entity, the City of El Centro will be entitled to reimbursement from me of such purchases and to take any and all other appropriate remedies. . The City of El Centro shall be entitled to pursue legal action, if required, to recover the cost of such purchases, together with costs of collection and reasonable attorney fees.

Signature _____ Date _____
(Cardholder)

Signature _____ Date _____
(Business Administrator)

Finance Department use only:

Date _____ Amount approved $_____

Signature _____
(Director of Finance)

09/2025/Policy/CalCard

CITY OF EL CENTRO
CAL-CARD REQUEST

DATE: _____

TO: Director of Finance

FROM: _____ DEPARTMENT _____

Requested: _____

FOR:
User: _____

Division: _____

Describe the purpose, justification, and importance of the requested credit card-

_____
_____
_____
_____

_____ _____
Department Director Signature Date

Finance Use Only

Approved: Yes _____ No _____

Director of Finance: _____ Date: _____

09/2025/Policy/CalCard

RESOLUTION NO. 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING A REVISED CALCARD POLICY

WHEREAS, Cal Cards are used to provide an alternative purchasing method for designated City employees; and

WHEREAS, this policy is developed to ensure that all Cal Cards issued under agreements with the City of El Centro serve a legitimate business purpose and are adequately monitored by management for compliance; and

WHEREAS, the City uses a program called Cal Card, which is through the State of California, Department of General Services, Procurement Division; and

WHEREAS, the use of Cal Cards is an efficient and alternative means of payment for approved expenses – securing reservations, paying travel expenses, and doing City business in the most effective manner; and

WHEREAS, at the request of the City Council, the ability to obtain a City credit card now will be expanded to City Council members who request a card, and the policy will be updated since its adoption in 2010; and

WHEREAS, use of the Cal Cards is subject to credit limits, reporting requirements and strict rules for City business use, as well as procedures for reconciling charges on a timely manner.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.

2. That the revised Cal Card Policy is now expanded to City Council members is hereby adopted.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California held on the day of , 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By _____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the forgoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A FORKLIFT FOR THE PUBLIC WORKS WATER TREATMENT PLANT.

CITY MANAGER'S RECOMMENDATION:

Approve Resolution No. 25- , Approving and Authorizing the Purchase of a Forklift for the Public Works Water Treatment Plant

FISCAL IMPACT:

No fiscal impact to the General Fund. $100,065.11 was approved through the FY 2026 Budget in Enterprise Funds in account 501-9511-750025

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

Environmental Sustainability & Infrastructure
Financial & Governance Stability & Sustainability

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

N/A

BACKGROUND:

The Water Treatment Plant identified the need for a new forklift during the budgeting process for Fiscal Year 2026. It would replace the old forklift, which is no longer operable. The division was approved a budget of $144,506 to proceed with the equipment purchase.

DISCUSSION:

The Water Treatment Plant Division is currently in need of purchasing a new forklift. The current forklift has mechanical issues, and the City's Chief Mechanic has recommended replacing the existing forklift. City staff obtained two informal bids and determined to proceed with the quote from Toyotalift, Inc. per City Code Section 2-173, which allows for informal bidding process. The Water Treatment Plant Division received a proposal from Toyotalift, Inc. for the purchase of a Forklift Toyota Model 50-8FG45U Internal Combustion. The purchase price for the forklift is $100,065.11, and Enterprise funds will be utilized to procure the purchase.

CONCLUSION:

Approve Resolution No. 25- , Approving and authorizing the purchase of a forklift for the Public Works Water Treatment Plant

ATTACHMENTS:

1. Resolution
2. Exhibit A

RESOLUTION NO. 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING AND AUTHORIZING THE PURCHASE OF A FORKLIFT FOR THE PUBLIC WORKS WATER TREATMENT PLANT

WHEREAS, the City of El Centro (the "City") Water Treatment Plant Division was approved to purchase a new forklift during the Fiscal Year 2026 budget cycle; and

WHEREAS, City Code Section 2-174 requires competitive bidding for amounts of $50,000 or more unless there is an applicable exception; and

WHEREAS, the City Code Section 2-173 allows an informal bid for amounts up to $50,000 or more when allowed by Resolution, and further provides in subsection (4) that Nothing [in] this section prohibits the purchasing officer from advertising for or requesting bids regardless of the estimated amount to perform the contract; and

WHEREAS, staff obtained two informal bids and determined to proceed with the quote from Toyotalift, Inc. of $101,065.11 (one hundred one thousand, sixty-five dollars, and eleven cents) for a Toyota Model 50-8FG45U Internal Combustion Lift Truck; and

WHEREAS, the City Council of the City of El Centro (the "City Council") must approve and authorize the purchase of the equipment for the Public Works Water Treatment Plant Division and waive the provisions of the Code Sections 2-173 and 2-174 for the bidding process; and

WHEREAS, the City Council finds that its approval of the purchase is in the best interest of the City.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.

2. That the City Council finds that it is appropriate to waive the monetary limits and process set out in the City Code in this case and on that basis to approve the purchase.

3. That the Acting City Manager and Finance approve the purchase as provided under Code Section 2-173.

4. That the Acting City Manager hereby is authorized to sign any documents related to the purchase of the equipment, on behalf of the City and to take all necessary steps to implement such purchase, and a copy of such documents is on file in the office of the City Clerk,

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California held on the day of , 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By _____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the forgoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

EXHIBIT A

TOYOTALIFT INC.

Toyotalift, Inc.
1850 John Towers Ave
El Cajon, CA 92020-1134
Phone: 619-562-5438

To: City of El Centro
350 W Olive Ave
El Centro, CA 92243-3043

Date: September 03, 2025
Quote No: 0130106785

Attn: Jesus Navarro

Phone: (760) 337-4505

We respectfully submit this quotation for the following NEW Toyota Internal Combustion Lift Truck (1 each):

Toyota...Proud to be the world's #1 forklift manufacturer!

TOYOTA MODEL 50-8FG45U, Internal Combustion Lift Truck, quality engineered with the following specifications:

- Pneumatic Tires
- Gasoline/LP Gas Powered - UL Type "G/LP" Rating



Photo may portray optional equipment not included in your quotation.

SYSTEM OF ACTIVE STABILITY™ (SAS)
Toyota's industry exclusive System of Active Stability (SAS) helps reduce lift truck instability by electronically monitoring and controlling various functions of the lift truck.

- **Active Control Rear Stabilizer:**
  Various lift truck sensors simultaneously monitor vehicle speed, fork height, load weight, and vehicle yaw (or angular acceleration). Should the operator inadvertently place the truck in a potentially unstable lateral condition, the sensors trigger the S AS controller to activate the Active Control Rear Stabilizer to help reduce the likelihood of a lateral tip over.
- **Active Mast Function Controller (AMC):**
  Should the operator inadvertently place the lift truck in a potentially unstable longitudinal condition, these same sensors trigger the SAS controller to activate the AMC, which limits forward tilt and/or tilt back speed to help reduce the likelihood of a longitudinal tip over.

2-SPEED AUTOMATIC (POWERSHIFT) TRANSMISSION
A standard 2-speed automatic transmission with 2 forward and 2 reverse gears provides superior torque, gradeability and acceleration to get the job done. Designed by Toyota engineers, this electronically controlled transmission passed 120 testing parameters to ensure it can meet the rigorous demands of your application. A standard 1st gear lock switch on the left-hand side of the steering column also allows the operator to lock the transmission in 1st gear when needed.

AUTOMATIC FORK LEVELING
Toyota's Automatic Fork Leveling feature increases productivity while reducing damage with a push of a button. By depressing the Automatic Fork Leveling button during forward tilt, operators are quickly and easily able to level the forks.

FULL FLOATING PLANETARY DRIVE AXLE
Your Toyota lift truck is outfitted with a rugged planetary drive axle. This planetary drive axle decreases the torsional stresses commonly experienced with power shifting, resulting in greater durability, reliability, which results in increased uptime.

LCD MULTI-FUNCTION DISPLAY II
Features on the new MFD II include data log functions, fuel information, & operation data log all with QR code output; fuel gauge (excluding LP); and password protected administrator level access that can manipulate functions such as travel, vehicle management, and operation data log functions.

Mast	3-Stage (FSV) mast with full free lift provides excellent visibility to load and fork tips, while providing smooth, quiet and consistent operation. Mast Specifications: • Maximum Fork Height - 187.0" • Overall Lowered Height - 92.5" • Over Head Guard Height - 90.60" • Free Lift - 44.5" with standard Load Backrest
Lifting Capacity	**Base Model Capacity – 10,000 lbs** @24" load center **Actual Capacity, based on quoted specifications - 9,300 lbs** @24" load center to 187.0" MFH *Actual capacity ratings stated above are based on standard features, options, and attachments available through Toyota at the time of quoting. Non-standard features, options, and attachments may affect actual capacity ratings. Please contact your Toyota sales representative for additional information.*
Tilt	6 degrees forward and 6 degrees backwards
Carriage	ITA Hook Type 46" Carriage
Forks	Forks 48" x 6" x 2" - Class III
Load Backrest	48" High Load Backrest
Attachments	Cascade 46" Integral Sideshifting Fork Positioner (Maximum 96" Forks--forks longer than 96", consult Cascade) 4-Way Valve (with 3rd & 4th function hosing) Includes option A26A: Hi-Capacity Cooling

Speeds	Travel Speed: 14.00 mph Lift Speed: 94 fpm
Engine	3.7L 1FS-US 4 cylinder Industrial Engine Overhead valve (OHV) Distributor less ignition system Net Horsepower Rating: 87 @ 2350 rpm SAE HP Net Torque Rating: 212 @ 1500 rpm SAE ft-lb
Transmission	2-Speed Automatic (Powershift) Transmission
Steering	Load Sensing Hydrostatic Power Steering with Tilt Steering Column
Wheels and Tires	Front Tires: 300-15-20PR (Pneumatic) Rear Tires: 7.00-12-12PR (Pneumatic)

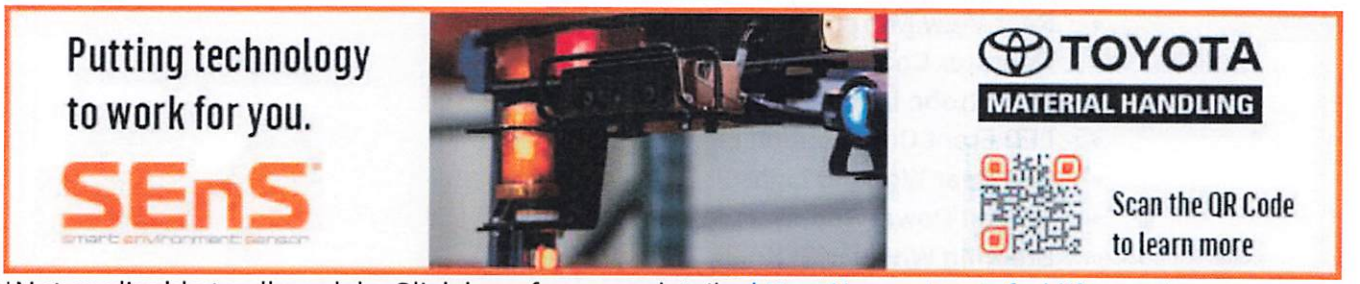
Additional Equipment Included

- **Cascade Integral SSFP**
- **UL Approved Model Type "G/LP" Dual Fuel**
- **Drum Brake**
- **Rear View Mirrors (Left & Right Sides)**
- **Operator Cooling Fan**
- **LED Strobe Light (Amber)**
- **LED Front Combination Lights**
- **LED Rear Working Light**
- **12 Volt Power Supply**
- **Steering Wheel with Knob**
- **Seatbelt Interlock**
- **Rear Assist Grip with Horn Button**
- **Fire Extinguisher (Mounted on rear Overhead Guard Leg)**
- **43.5 lb. LP Steel Tank**
- **Back-Up Alarm**
- **Front Solid Pneumatic Tires - Including Quick Heel Style Rims**
- **Rear Solid Pneumatic Tires - Including Quick Heel Style Rims**
- **Quick Heel**
- **MyInsights Standard**

Other Outstanding Toyota Features

- EPA/CARB Certified Engine
- Operator Presence Sensing System (OPSS)
- Dual Action Hand Parking Brake
- Electronic Shift Control
- Electronic Speed Control
- Low Entry Step Height
- Dual Operator Assist Grips
- Dash Integrated Pen/Pencil/Cup Holder
- Durable Rubber Floor Mat
- High Visibility Overhead Guard
- LED Headlights
- Key Off/Headlight Off System

Some standard items listed within this quotation may be replaced or altered due to optional equipment.



*Not applicable to all models. Click here for more details: https://www.toyotaforklift.com/sens

MyInsights (Telematics)

Standard telematics provided on most Toyota forklifts deliver valuable insights and actionable data for your business. Increase uptime, optimize your fleet, and view detailed analytics by completing your free registration at my.toyotaforklift.com today!

Standard Insights:

- Hour Meters, Error Codes, Impact Detection, Location Tracking

Warranty

12 Months or 2,000 hours whichever occurs first: Basic
36 Months or 6,000 hours whichever occurs first: Powertrain

Warranty coverage for non-standard option components will be covered by the manufacturer of that component and not covered under the Toyota forklift standard or powertrain warranty.

We offer a Toyota factory authorized warranty on all new Toyota Material Handling Equipment.

Toyota 360 Support Included

Toyota 360 Support Plus 5
60 Months/10,000 Hrs Carriage to Counterweight Warranty
60 Months/10,000 Hrs Major Parts and Component Warranty
Up to First (4) PM's Included (Parts and Labor)

TMH reserves the right to accept or decline any application for enrollment into the T360 Plus warranty plan.

Investment

Price-Toyota Model 50-8FG45U as specified above:	$92,013.89	Each
Estimated Tax @ 8.75%:	$8,051.22	Each

Total Price with Tax..... $100,065.11

Financing and Maintenance

Toyota Industries Commercial Finance has been providing effective finance solutions to customers since 1985. As Toyota Material Handling's captive finance partner, we are committed to offering customized financing solutions, tailored financing terms, unmatched industry experience, ultimate transparency, and an unparalleled understanding of your unique business needs. In addition, Full Maintenance and Planned Maintenance programs are available.

Terms and Conditions

Payment: Net on Delivery or Approved Financing

F.O.B.: Delivered

Prices are exclusive of any sales or use taxes now in force or which may be made effective in the future by any federal, state, or local governments.

Lease offerings subject to credit approval

Performance and specifications stated are based on specific testing and operating conditions. Actual performance and specifications may vary based on application, option configuration, operating conditions, and environmental factors.

Payment: COD/Cash or Financed. Payment is expected upon delivery of equipment unless financing is secured in advance.

All lease offers noted are subject to credit approval outside of TLAZ control.

Delivery: Dates fluctuate constantly and are not secured until order is placed in TLAZ system.

F.O.B.: Customer location (Continental USA) unless otherwise noted.

TLAZ will notify customer of anticipated delivery date as soon as known.

Flooring and Storage fees will begin to accrue 15 days after proposed delivery if customer fails to receive said unit/s. Flooring interest will be applied at the rate of (Wall Street Journal prime

rate plus 1%). Storage fees will be applied at the rate of $5/day (Increasing to $10/day after 30 days). Prices exclude sales or use taxes of any federal, state, or local governments.

Performance and specifications stated are based on specific testing and operating conditions.

Actual performance and specifications may vary based on application, option configuration, operating conditions, and environmental factors.

Some options and configurations may void UL.

Quote is valid 30 days from issue date noted on the quotation.

Once ordered, equipment cannot be cancelled unless approved by TLAZ management. If

cancellation is accepted, then it is subject to cancellation charges. Cancellation charges will vary depending on base model and exact specifications and in some cases these charges may equal up to 50% of the equipment's quote value.

Toyotalift of Arizona, Inc. is committed to the timely delivery of our products. However, we are not liable for any delays or undelivered products that are beyond the direct control of our company. This includes manufacturing delays, natural disasters, or interruptions in

transportation.

Please contact your Toyota sales representative for additional information.

PRE-SHIPMENT PRICE INCREASES

We may, on one or more occasions, increase the price of the ordered equipment, and you shall pay the increased prices, if up to 30 days prior to date of shipment, (a) the U.S. Material Handling Equipment Producer Price Index ("MHEPPI") has increased four percent (4%) or more as compared to the MHEPPI as of the date of customer's proposal acceptance; or (b) the manufacturer of the equipment increases the price the seller pays the manufacturer for the ordered equipment due to any new or increased government fees, tariffs or duties. Price increases will correlate to, as applicable, the percentage increase in the MHEPPI or manufacturer price increase.

TELEMATICS AND DATA COLLECTION

The equipment in this proposal is enabled with the MyInsights system ("System"), which collects certain location and operational data concerning the equipment and transmits it to Toyota Material Handling, Inc. for processing and analytics. Your use of the System is subject to the MyInsights Master Agreement or other written agreement explicitly governing your use of the System between you and Toyota Material Handling, Inc. (the "System Master Agreement"). If you and Toyota Material Handling, Inc. are not parties to a System Master Agreement, your use of the System is subject to the MyInsights Telematics Terms and Conditions found at https://www.toyotaforklift.com/myinsights-legal ("System Terms"), which are incorporated herein by reference. Your acceptance of this proposal (as provided in the following paragraph), or otherwise using the equipment, constitutes your acceptance of the System Terms and the formation of an agreement between you and Toyota Material Handling, Inc. based on the System Terms. You may opt out of data collection features for the System as provided in, as applicable, the System Master Agreement and System Terms. Failure to opt out signifies your consent and agreement to the collection and usage of data in accordance with, as applicable, the System Master Agreement and System Terms.

QUOTE ACCEPTANCE

This proposal constitutes an offer by us that you may only accept on the terms set forth herein. To accept our offer, you shall (a) sign and return the signed proposal to us; or (b) issue a purchase order that attaches or otherwise references this proposal. If you issue a purchase order under the preceding sentence, the parties acknowledge that any terms (including pre-printed terms) appearing thereon will have no effect and are expressly disclaimed and your acceptance is limited to the terms of this proposal. Your acceptance of any item offered hereunder will be deemed an acceptance of all terms set forth in this proposal.

Servicing Dealer Toyotalift, Inc.
302 E Aurora Dr,
El Centro, CA, 92243-9603
Phone:760-337-3900

Sincerely,
Toyotalift, Inc.

Accepted:
City of El Centro

Cash Price $ _____

Financed Payment* $ _____ *Per Month* _____ *Months*

By: _____

Name: Travis Donegan

Title: Territory Sales Manager

By: _____

Name: _____

Title: _____

Date: _____

*Financing requires credit approval. Terms and conditions are subject to change.

Public hearing for the purpose of considering a recommendation from the Planning Commission on amending the Mobile Vending Regulations.

CITY MANAGER'S RECOMMENDATION:
Introduction and approval of Ordinance No. 25- , AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO REPEALING CHAPTER 11, ARTICLE V; AMENDING CHAPTER 16, ARTICLE VIII; AND AMENDING CHAPTER 29 OF THE EL CENTRO CITY CODE ESTABLISHING REGULATIONS ON MOBILE VENDING, waive reading and approve as a 1st Reading and authorize City Clerk to place on the next agenda for second reading and adoption.

FISCAL IMPACT:
Costs related to City staff time and materials in implementing the ordinance will be recovered through the implementation of mobile vendor permit fees to be presented at a public hearing before the City Council on October 21, 2025.

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Economic Opportunity

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
Not Applicable

BACKGROUND:
Mobile vending has become a popular and flexible form of small business, with vendors operating from sidewalks, food trucks, and temporary stands on private property. These vendors require different regulatory approaches depending on location and type of operation, including considerations for public safety, accessibility, and compatibility with surrounding uses.

The City's existing regulations on mobile food vending were adopted in 2016. Regulations are based on the type of mobile food facility permit obtained by the applicant from the County Public Health Department. Vending on the right-of-way is limited to sidewalk vending for applicants with a “non-processing” or “limited “ permit. These typically take the form of small carts vending ice cream, coffee, or popcorn. No vending is allowed on City streets. Vending from “processing” mobile food facilities, those that the public regards as food trucks, are only allowed on private property in non-residential zones. Since its adoption, the City has seen a limited number of mobile food vendors. One reason, among others, is the lack of privately owned properties where owners would allow vendors and where vendors desire to vend.

In response, the Planning Division has prepared an update to the City’s Mobile Vendor

Ordinance. The draft ordinance consolidates regulations under Chapter 29 (Zoning), defines vendor categories, and establishes standardized permitting and operational requirements for vendors on sidewalks, in public right-of-way, on private property, and in city parks.

DISCUSSION:

EXISTING REQUIREMENTS

The proposed Mobile Vendor Ordinance regulates where and how mobile vendors may operate, while ensuring surrounding land uses are not negatively impacted. It establishes standards and distinguishes between different vendor types and locations—such as sidewalks, streets, private property, and parks. For reference, a table summarizing the existing requirements is provided below:

CATEGORY	ZONES ALLOWED	ALLOWED TO VEND ON PUBLIC RIGHT-OF-WAY	USE PERMIT REQUIRED	TIME LIMIT
Processing (i.e. Food Trucks)	Commercial and Manufacturing Zones	No	Temporary Use Permit	12 hours
Limited (i.e. Hot Dog Carts, Kettle Corn, Coffee Carts, Snow Cones)	Commercial and Manufacturing Zones	Yes	Temporary Use Permit, if vending from private property.	2 hours on public right of way, and 12 hours on private property.
Non-Processing (i.e. Ice cream trucks, paleta carts)	City-wide in public Right-of-way only	Yes	No	Shall not remain stationary for more than 2 hours

In 2018, the City Council approved an ordinance allowing vending on sidewalks and City facilities. This action was prompted by SB 946, which restricted how local jurisdictions could regulate sidewalk and facility vending and limited the penalties jurisdictions may impose. It permitted sidewalk vending with certain restrictions and allowed vending in designated City parks.

UPDATED ORDINANCE

The updated ordinance categorizes vendors based on their operating location—sidewalks, public right-of-way, private property, or parks—and establishes distinct, location-specific standards. Key features include:

- Objective and enforceable criteria, including defined setback requirements from intersections, driveways, schools, and sensitive areas.
- Regulations on hours of operation based on zoning, time limits, and minimum

movement requirements for roaming vendors.
- Operational standards addressing waste management, signage, noise, lighting, and loitering prevention.

The full proposed ordinance update is provided in Exhibit A – Ordinance.

Mobile Vending Permit Requirement
All mobile vendors are required to obtain a Mobile Vendor Permit from the Planning Division before operating within the City. As part of the application process, vendors must:

- Submit all applicable health permits.
- Identify the number of vehicles to be operated.
- Provide photographs of each vehicle showing logos, color schemes, or other distinguishing features.
- Describe the type of vending activity to be conducted.
- Provide the names and contact information of all individuals who will operate the vending vehicles.

The Mobile Vendor Permit will serve as the City's primary enforcement mechanism. Violations of City mobile vending requirements or create a public health or safety violation may result in revocation of a Mobile Vendor Permit. While the permit fee has not yet been established, it will be determined and presented to the City Council for approval.
In addition to permitting requirements:

- Vendors must carry proof of liability insurance when operating in the public right-of-way
- Freestanding signage is prohibited.
- Lighting is permitted only for operational and safety purposes (e.g., interior lighting or illumination to assist customers with menus). Decorative or attention-grabbing lighting, such as flashing signs, is not allowed.
- Vendors may not operate in areas designated for private or public events unless formally approved as part of that event.

Summary of Mobile Vending Requirements

Vendor Location	Required City Permits/Licenses	Time and Location Requirements	Time Limits	Special Requirements
Private Property	Business License, Mobile Vending Permit, and Temporary Use Permit	Non-residential zone private property or residential private property with applicable CUP for Primary Use	May not vend for more than 12 hours per day.	Must operate on a paved area, temporary use of tables and chairs allowed, and requires property owner permission.

		(e.g. Church), between the hours of 8:00 AM and 8:00 PM.		
Sidewalk Vendor Stationary	Business License, Mobile Vending Permit	Vending only allowed in non-residential areas between the hours of 6:00 AM to 1:00 AM	May not vend for more than 2 hours per day.	Must operate on sidewalk and allow a clearance of 5-feet.
Sidewalk Vendor Mobile	Business License, Mobile Vending Permit	Vending only allowed in all areas between the hours of 8:00 AM to 8:00 PM;	Not Applicable	May only stop to complete a transaction
Street Vendor	Business License, Mobile Vending Permit,	Prohibited on streets with a speed limit greater than 35 MPH, streets without sidewalks, streets abutting a residential use, and designated streets.	May not vend for more than 12 hours per day.	Minimum setback requirements from driveways, street corners, and other features.
City Park	Business License, Mobile Vending Permit, and Facility Use Permit	Only allowed in designated parks and public facilities during park hours.	Subject to the conditions of the Facility Use Permit.	Subject to the conditions of the Facility Use Permit.

Setbacks for mobile vending operating on sidewalks and streets
Vending operations within the Public Right-of-Way may create issues related to visibility and access, including blocked views at intersections and obstructions near public facilities such as bus stops, fire hydrants, and ADA curb ramps. Mobile vending near schools is

also a concern, particularly during morning drop-off and afternoon pick-up times. Accordingly, the draft ordinance establishes the following setback requirements:

Setback	Street Vendor	Stationary Sidewalk Vendor
Street corner	50 feet	10 feet
Other mobile vendor on street or sidewalk	50 feet	50 feet
Fire hydrants, bus stops, other public infrastructure	10 feet	10 feet
Driveways	50 feet	10 feet
Business Entrance	N/A	8 feet
School during school hours	300 feet	300 feet
Community Events	200 feet	200 feet

Vending in City Parks
The current ordinance allows vending in certain parks with a Parks & Recreation Division permit. The updated ordinance requires a Facility Use Permit and modifies the list of eligible parks. Staff considered health, safety, welfare, and the primary purpose of park space. Small neighborhood parks were excluded due to their residential setting. Vending at Bucklin Park is prohibited to preserve its open space and passive nature. Many parks also function as active sports fields, creating conflicts with vending operations.

Parks where vending is allowed:

- Eighth & Vine Park
- Stark Field (parking lot only)
- Swarthout Park (parking lot only)
- Town Square

PUBLIC NOTICING AND PUBLIC REVIEW

The draft ordinance was posted on the City's website for public review. On July 17, 2025, staff held a workshop at the City Council Chambers where local vendors provided feedback. Copies were also sent to the Imperial County Public Health Department, resulting in clarifying edits. Staff also consulted with El Centro School District officials regarding vendor siting near schools. Key revisions from the workshop include increasing the amount of time a street vendor may remain in one location to account for equipment

setup and breakdown.

A duly noticed public hearing was held on August 12, 2025 before the Planning Commission. No public comments were received. Planning Commissioners did direct staff to explore how neighborhood ice cream trucks would be regulated. Also that the hours of prohibition of vending near school sites should be adjusted to better reflect the most impacted hours from school related traffic.

ENVIRONMENTAL REVIEW

Pursuant to Section 15061(b)(3) of the CEQA Guidelines, this project is exempt from further environmental review. The ordinance consists solely of operating regulations and does not result in a reasonably foreseeable physical change in the environment. Therefore, the zoning text amendment is categorically exempt from CEQA.

CONCLUSION:

Introduction and approval of Ordinance No. 25- , AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO REPEALING CHAPTER 11, ARTICLE V; AMENDING CHAPTER 16, ARTICLE VIII; AND AMENDING CHAPTER 29 OF THE EL CENTRO CITY CODE ESTABLISHING REGULATIONS ON MOBILE VENDING, waive reading and approve as a 1st Reading and authorize City Clerk to place on the next agenda for second reading and adoption.

ATTACHMENTS:

1. Exhibit A - Mobile Vending Ordinance

ORDINANCE NO. 25-

ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO REPEALING CHAPTER 11, ARTICLE V; AMENDING CHAPTER 16, ARTICLE VIII; AND AMENDING CHAPTER 29 OF THE EL CENTRO CITY CODE ESTABLISHING REGULATIONS ON MOBILE VENDING

WHEREAS, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, FINDS THAT:

1. The City of El Centro, California ("City") is a municipal corporation, duly organized under its Charter and laws of the State of California;

2. The El Centro City Code presently contains regulations on the operation of mobile vendors operating on sidewalks, private property, parks and public property and the City now intends to amend those regulations to allow vending on the public right of way in accordance to the provisions of this ordinance;

3. Mobile vending allows for entrepreneurial and economic opportunities for the residents, provides access to desired goods to the general public, and contributes to safe and dynamic public spaces;

4. The inherent nature of vending from the streets and sidewalks poses a unique risk to health, safety, and welfare of the public, including but not limited to impacts to vehicle, pedestrian, and bicycle safety, obstruction of public right of ways in nonconformance with the Americans with Disabilities Act, visual obstruction caused by mobile vending that impairs traffic safety, maintenance and improvements to public right of ways for public use, unsanitary conditions resulting from food preparation and consumption; which require the City to impose regulatory measures;

5. Regulations for vending in public parks and other public facilities are necessary to preserve the public's continued use and enjoyment of those facilities;

6. The provisions of this ordinance, as revised, establishes regulations on the operation of mobile vendors directly related to objective health safety, or welfare concerns;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO DOES HEREBY ORDAIN AS FOLLOWS:

Section 1. Chapter 11, Article V "Mobile Food Facilities" is repealed in its entirety.

Section 2. Chapter 16, Article VIII "Sidewalk Vending" is repealed in its entirety and readopted to read as follows:

ARTICLE VII. MOBILE VENDORS

Sec. 16-274. Definitions.

For the purpose of this article, the following words and phrases shall have the following meanings:

City means the City of El Centro.

City park and public facility means and includes all parks, recreational buildings, arts and cultural buildings, and associated restrooms, snack bars, gathering or parking areas.

Community event means an event that is of civic, political, public or educational nature, including city festivals, and other public gatherings approved by the City, as defined in Health and Safety Code section 113755, as now adopted or hereafter amended.

Food means items intended primarily for consumption by human beings.

Goods or *Merchandise* means any item that is not food or a food product and can be sold and immediately obtained from a sidewalk vendor. Items for rent, subscription plans, and other services shall not be considered goods or merchandise.

Mobile food facility means any vehicle used in conjunction with a commissary or other permanent food facility upon which food is sold or distributed at retail, or as defined in California Health & Safety Code Section 113831.

Mobile food facility permit means a yearly permit issued by the Public Health Department to operate a mobile food facility.

Mobile Vendor or *Vendor* means any person who vends from a vending cart, from one's person, or from a vending vehicle, including an employee or agent of another.

Mobile vendor's permit or *vendor's permit* means a permit issued by the City authorizing the holder thereof to engage in the business of mobile vending.

Public Health Department means the Division of Environmental Health of the Imperial County Public Health Department.

Roaming sidewalk vendor means a sidewalk vendor who moves from place to place and stops only to complete a transaction.

Roaming street vendor means a street vendor that operates a vending vehicle, such as an ice cream truck, that moves from place to place and stops only to complete a transaction.

Stationary sidewalk vendor means a sidewalk vendor who vends from a fixed location.

Vend or *vending* means offering goods or food of any kind for preparation or sale.

Vending vehicle means any motorized vehicle, motorized device, or trailer that is propelled or drawn by a motorized vehicle and that may be propelled or move upon a road or highway.

Vending cart means any pushcart, stand, display, pedal drive cart, wagon, showcase, rack or other non-motorized conveyance used for vending, that is not a vehicle as defined in the California Vehicle Code.

Sidewalk vendor means a person who sells food or merchandise from a pushcart, stand, display, pedal-drive cart, wagon, showcase, rack, or other non-motorized conveyance, or from his/her person, upon a public sidewalk or other public path, and includes those selling for charitable

purposes, and also includes "roaming sidewalk vendor" and "stationary sidewalk vendor" as well as solicitor, peddler or itinerant vendor.

Street means that portion of the public right-of-way or public easement for the purposes of vehicle travel or parking.

Sec. 16-275. Public health department permit required.

a) All vendors operating mobile food facilities in the City in any capacity must obtain all required permits from the Public Health Department.

b) Nothing in this article shall prevent the City from denying any permit application for any mobile food facility if, in the opinion of the Public Health Department or City, such mobile food facility poses a real potential risk to the health and welfare of the public.

Sec. 16-276. Business license required.

All vendors shall be required to apply for and obtain a business license pursuant to Chapter 16 of the City Code. All other vendors shall carry a business license certificate that can be readily inspected upon request by a City official or any other authorized person. Vendor sales shall be subject to sales tax in a manner required by state law.

Sec. 16-277. Mobile Vendors Permit required.

In addition to procuring a business license as set forth in Section 11-87, all persons vending on the public right-of-way, private property, or public property shall obtain a mobile vendor's permit issued pursuant to this chapter and any other license or permit required under any other chapter of this Code.

Sec. 16-278. Mobile Vendor Permit application process.

Any person desiring to obtain a mobile vendor permit shall submit an application to the Community Development Department. Prior to submitting such application, a nonrefundable fee, as established by resolution of the City council, shall be paid to the City to defray, in part, the cost of the City investigation and report required by this chapter. After an application permit has been filed with the Community Development Department, there shall be an investigation made by the Community Development Director or their respective designee. Permit issuance fees required under this chapter shall be in addition to any license, permit or fee required under any chapter of this Code. Neither the filing of an application for a permit, nor the payment of an application fee, shall authorize the vending from, operation or management of a mobile vending operation until such permit has been granted or renewed. Each applicant for a permit to conduct business as a mobile vendor shall furnish the following information:

a) The full true name under which the business will be conducted.

b) The full true name and any other names used by the applicant.

c) The present residence and business address and telephone numbers of the applicant;

d) A description of the merchandise the vendor will vend.

e) If the vendor is operating a mobile food facility or vending food, a valid copy of their required health permit(s) issued by the Public Health Department.

f) The number of vehicles to be owned, operated, or controlled by the applicant and the make(s), model(s), body styles, years, state license plate numbers, and names and addresses of the registered and/or legal owners of each vehicle.

g) A photograph of the vehicle(s) showing the logo, color scheme, insignia, and any other distinguishing characteristics of the applicant's vehicles.

h) Whether the applicant intends to operate as a stationary sidewalk vendor, a roaming sidewalk vendor, vend from private property, or operate a vending vehicle in the public right of way.

i) If the applicant is a corporation, the name shall be stated exactly as set forth in its articles of incorporation. The applicant shall show the name and residence address of each of the officers, directors, and each stockholder, owning not less than ten (10) percent of the stock of the corporation, and the address of the corporation itself, if different than the applicant's place of business.

j) If the applicant is a partnership, the application shall show the name and residence address of each of the partners, including limited partners, and the address of the partnership itself, if different than the applicant's place of business.

k) When any change occurs regarding the written information required by this subsection, prior to or after issuance of a permit, the applicant shall give written notification of such change to the Community Development Director or designee within two (2) weeks of such change.

l) When there is a change in ownership, the applicant shall give written notification of such change to the Community Development Director or designee within two (2) weeks of such change.

m) Nothing in this section precludes the City from inspecting and re-inspecting the vending cart or vehicle if it is determined that such inspection or re-inspections are necessary to ensure the health and welfare of the public.

Sec. 16-279. Mobile Vendor Permit issuance.

The Community Development Director or designee(s), within thirty (30) days after receiving a complete application, shall grant the vendor's permit if the Community Development Director or designee finds that all of the following requirements have been met:

a) The required fees have been paid;

b) The application conforms in all respects to the provisions of this chapter and other chapters of the Code;

c) The applicant has not knowingly made a material misrepresentation of fact in the application;

d) The applicant has fully cooperated in the investigation of the application; and

e) The applicant has not failed to pay any previous administrative fines, complete any community service and/or complete any other alternative disposition associated with a previous violation of this chapter.

Sec. 16-280. Mobile Vendor Permit denial and renewal.

a) If the Community Development Director or designee find that the requirements set forth in this article have not been met, the Community Development Director or designee shall deny the application for a vendor's permit. In the event the application is denied by the Community Development Director or designee, written notice of such denial shall be given to the applicant

specifying the basis for such denial. Notice of denial shall be deemed to have been served, if, in fact, it is personally served to the applicant or when deposited in the United States mail with prepaid postage and addressed to the applicant at his/her residence address as set forth in the application.

b) Any applicant whose application for a mobile vendor permit has been denied by the Community Development Director or designee may submit an appeal in writing to the City Clerk within fifteen (15) days of such denial. Appeals will be heard by the Planning Commission. The decision made by the Planning Commission may be appealed to the City Council. All appeals shall be subject to any and all applicable appeal fee as approved by resolution.

c) Vendor's permits shall expire and become null and void twelve (12) months from the date of issuance. Applicants may apply for a permit renewal prior to the expiration of their vendor permit. Request to renew vendor's permits shall be made with the application, fee, and other requirements of a new application at the time of renewal.

d) The City reserves the right to terminate the vendor's permit if the permittee is in violation of any federal, state or local laws.

Sec. 16-281. Revocation.

a) Any vendor permit may be suspended or revoked by the Community Development Director or designee for any of the following reasons:

   1) Falsehood of any information supplied by the permittee upon which issuance of the permit was based;

   2) Failure of the permittee to notify the Community Development Director or designee within two (2) weeks of any change occurring subsequent to the issuance of the permit in the information supplied by the permittee upon which issuance of the permittee was based;

   3) Failure of the permittee, or of any employees or subcontractors of the permittee, to comply with the City Code; or

   4) Violation by the permittee, or any employee, subcontractor or independent contractor of the permittee, of any state law or municipal ordinance while in the course of conducting vending operations from mobile food facilities.

b) No person whose permit is revoked shall be eligible to apply for a new permit for a period of one (1) year following such revocation.

Sec. 16-282. Mobile Vendor Requirements – All.

All mobile vendors shall comply with the following standards and conditions:

a) Vendors shall maintain at all times while vending a valid mobile vendor's permit, business license, and any other permit(s) or licenses(s) required by the City or other governmental agencies. Food vendors shall in addition, maintain a valid health permit from the Public Health Department. All required permits specified in this section shall be placed on display in plain view by the public.

b) No vendor may use sound amplifying equipment, unless it complies with the noise limits established in section 17.1-4 of the City Code.

c) No lighting may be used except localized lighting that is used by the vendor for visibility after dark.

d) Mobile vendors shall not operate in any of the following locations or under the following conditions, as specified in this section:

1) Within 200 feet of a permitted certified farmers' market, a swap meet, or an area designated for a special event permit. This prohibition shall be limited to the operating hours of the farmers' market or swap meet, or the limited duration of the temporary special event.

2) Within 300 feet of the nearest property line of any property on which a school building is located, between the hours of 7:00 a.m. and 4:00 p.m., each day that school is in session.

3) Vending is prohibited on the following streets and roads:

i) 4th Street between Adams Avenue and the southern City limits;

ii) 8th Street between Interstate 8 and State Street;

iii) Adams Avenue between 4th Street and Imperial Avenue;

iv) Imperial Avenue;

v) Main Street between 4th Street and the eastern City limits; and

vi) Dogwood Avenue.

4) Vending is prohibited on the following streets unless within a designated area:

i) 8th Street and Aurora Drive adjacent to Bucklin Park;

ii) Waterman Avenue between Cruickshank Drive and the southernmost driveway entrance to First Responders Park; and

iii) Lotus Avenue between Adams Avenue and Main Street

5) When the posted speed limit on the public street is greater than thirty-five (35) miles per hour;

6) When the vending vehicle is parked in violation of any other provision of this Code, or the California Vehicle Code;

7) When the prospective customer is located in that portion of the street or alley which is open to vehicular traffic; and

8) When the vending vehicle is located in a portion of the right-of-way that is missing curb, gutter and sidewalks;

e) Vendor shall not discharge any liquid (e.g., grease, oil, water) onto or into City streets, storm drains, catch basins, or sewer facilities.

f) Signage shall be limited only to the vending offered and must be displayed upon the vending vehicle, vending cart or person. Banners, wind feathers or free-standing signage is prohibited.

g) No vending of alcohol, tobacco, drugs or cannabis, firearms, weapons, spray cans, or pornography.

h) No verbal solicitation of business from pedestrians or persons in vehicles, and no sales to persons in vehicles.

i) No obstruction or interference with the free flow of pedestrian or vehicular traffic, including but not limited to access to or from any parking lot, business, public building, or dwelling unit.

j) No obstruction of required visibility triangle at any driveway or intersection as established in Section 29-143(11) of the City Code.

k) No littering or release of any liquids.

l) Vendors utilizing cooking or other heat generating equipment shall have a certified fire extinguisher or other acceptable fire suppression equipment while operating.

m) The vendor shall maintain vehicular and pedestrian circulation and access consistent with the Americans with Disabilities Act and all local and state regulations.

n) The vendor shall not allow loitering around their vending area.

Sec. 16-283. Sidewalk Vendor Operating Requirements

a) No sidewalk vendor shall operate in the following locations:

   1) Within twenty feet (20) of any street intersection;

   2) Within ten (10) feet of any driveway or driveway apron;

   3) Upon or within any roadway, median strip, or dividing section;

   4) Within eight (8) feet from entrance or exit of a building; or

   5) Within fifty (50) feet from another sidewalk vendor, street vendor, or mobile vendor on private property.

b) Sidewalk vendors must at all times provide a clearance of not less than five (5) feet on all sidewalks or pedestrian areas so as to enable persons to freely pass while walking, running, or using mobility assistance devices. No sidewalk vendor shall vend in a manner that blocks or obstructs the free movement of pedestrians or vehicles.

c) No sidewalk vendor shall block or impede access to bicycle racks, bus stops, parking meters, required accessibility routes and curb cuts, trash enclosure areas or trash bins, fire hydrants, fire call boxes, or other emergency facilities.

d) No sidewalk vendor shall distribute any item from the vending cart in a manner that causes any person to stand in the street.

e) Sidewalk vendors shall not offer, provide, rent, or sell a service that is neither defined as merchandise nor food.

f) Vending is permitted between the hours of 6:00 a.m. and 1 a.m., daily, except as follows:

   1) In residential areas, roaming sidewalk vendors shall only vend between the hours of 8:00 a.m. and 8:00 p.m. daily. A resident who does not wish to be contacted by such vendors, peddlers or solicitors may post a statement or notice to the effect that they are requested not to enter the premises or contact the resident.

   2) In nonresidential areas, the limit on hours of operation shall not be more restrictive than the hours of operation of other businesses or uses on the same street.

g) A stationary sidewalk vendor may stay in one (1) location only for two (2) hours and must move more than one thousand (1,000) feet in any direction.

h) Sidewalk vendors shall maintain and possess, at all times while vending, proof of liability insurance in the amount required by the City.

i) Sidewalk vendors shall comply with all applicable state and local laws, including without limitation state food preparation, handling, and labeling requirements; fire codes and regulations; noise standards; and the Americans with Disabilities Act of 1990 and other disability access standards (both state and federal).

j) No vending cart shall become a permanent fixture on the vending site or be considered an improvement to real property.

k) Stationary sidewalk vendors shall not vend in areas that are zoned exclusively residential.

l) Stationary vendor may not store materials or equipment around his or her vending area.

m) Stationary sidewalk vendors shall maintain a clearly designated trash receptacle in the immediate vicinity of the vending cart, marked with a sign requesting use by patrons. Prior to leaving any vending location, the vendor shall pick up, remove, and dispose of all trash generated by the vending operations within a twenty-five (25) foot radius of the vending location. Vendors may not utilize solid waste receptacles belonging to other businesses without consent from that business. Vendors may not utilize solid waste receptacles belonging to the City, County, or other public agency.

Sec. 16-284. Mobile vendor operating on private property requirements.

a) Mobile vendors operating on private property shall obtain a temporary use permit pursuant to Chapter 29, Article IV, Division 5.

b) Mobile Vendors shall not operate on private property with the following zoning designations: RR (Rural Residential), R1 (Single Family Residential), R2 (Variable Family Residential), or R3 (Multiple Family Residential). With the exception of residential zoned parcels with a valid conditional use permit for a non-residential use and operating during the hours between 8:00 a.m. to 8:00 p.m.

c) No mobile vendor operating on private property shall be stationary for a period longer than twelve (12) hours.

d) Tables and chairs shall be allowed within the mobile vendor's designated space as defined in the site plan. Tables and chairs shall not be permanently affixed and shall be moveable. Portable restrooms, fences, or other site furniture (permanent or otherwise) shall be prohibited.

e) The site where a vendor is parked shall consist of a paved surface with adequate parking and maintained in a safe and clean manner at all times.

f) Exterior storage, equipment or materials associated with the mobile food facility is prohibited, unless expressly allowed in this article. All refuse shall be removed from the vending site and properly disposed of within thirty (30) minutes of the closing of vending for the day at the site. A minimum of two (2) thirty-two (32) gallon litter receptacles within fifteen (15) feet of the vehicle shall be provided. The receptacles will serve both employees and customers.

g) The vendor shall install signage indicating that loitering is not permitted and customers may only remain on the lot for up to thirty (30) minutes after receiving their food. The vendor shall enforce the no-loitering rule. The serving or consumption of alcohol shall be prohibited at vending sites.

h) No lighting, except lighting that is used for the purpose of inside food preparation and menu illumination.

i) Signs placed in or on the mobile food facility are permitted. Banners, wind feathers, vehicle signs or other free standing signage is prohibited.

j) The vendor shall maintain vehicular and pedestrian circulation and access consistent with the Americans with Disabilities Act and all local and state regulations.

Sec. 16-285. Vendor vehicle operating on the street requirements

a) Only vending vehicles authorized to operate on a highway, shall be allowed to operate in the public right of way.

b) In addition to any other equipment required by law, each vending vehicle shall be equipped with the following:

   1) A convex mirror mounted so that the driver can see the area in front of the truck that is blocked by the truck's hood; and

   2) A back-up alarm audible for a distance of at least one-hundred (100) feet.

c) Vending vehicles are allowed to park and operate on public right-of-way for no more than twelve (12) hours, between the hours of 6:00 a.m. and 1 a.m. except when the following apply:

   1) When located within fifty (50) linear feet from a corner;

   2) When located within fifty (50) linear feet from another sidewalk vendor, street vendor, or mobile vendor on private property; and

   3) When located within ten (10) feet of a fire hydrant, fire escape, bus stop, loading zone, handicapped parking space or access ramp.

d) Vending is prohibited from the street side and food or goods shall not be distributed to parked or moving vehicles.

e) Vending vehicles shall maintain and possess at all times while vending proof of liability insurance in the amount required by the City.

f) The mobile food facility shall maintain vehicular and pedestrian circulation and access consistent with the Americans with Disabilities Act and all local and state regulations.

g) No lighting, except localized lighting that is used on or in the mobile food facility for the purpose of inside food preparation and menu illumination.

h) Signs placed in or on the mobile food facility are permitted. Banners, wind feathers, or other free-standing signage is prohibited on the public right-of-way.

i) Vending vehicles operations shall maintain a clearly designated trash receptacle in the immediate vicinity of the vending vehicle, marked with a sign requesting use by patrons. Prior to leaving any vending location the vendor shall pick up, remove, and dispose of all trash generated by the vending operation within 25 feet from the vending location.

j) Roaming Street Vendors may operate subject to the following conditions:

   1) May operate between the hours of 8:00 a.m. to 8:00 p.m. in all zones.

   2) May stop only to complete a transaction and shall not remain stationary for longer than ten (10) minutes at any one (1) location.

   3) Shall obey all applicable state and local traffic laws at all times while operating on public streets.

   4) Shall maintain pedestrian and vehicular circulation consistent with the Americans with Disabilities Act.

Sec. 16-286. Vendors operating in City parks and public facilities.

a) Vending shall be allowed on public City property only as provided in this division. Parks and City facilities identified in Table 16-286 shall be permitted to vend with a permit pursuant to subsection (e) of this section. The symbol "X" indicates that vending at that park or facility is prohibited.

Park or Facility	
Adult Center	X
Community Center	X
City Hall	X
Aquatic Center	X
Martin Luther King Jr. Sports Pavilion	X
Conrad Harrison Hall	X
Regional Bus Transfer Terminal	X
Bark Park	X
Bucklin Park	X
Buena Vista Park	X
Carlos Aguilar Park	X
Countryside Park	X
Debbie Pittman Park	X
Eighth & Vine Park	P
Farmer's Park	X
Frazier Field	X
Gomez Park	X
Leeper Park	X
Legacy Park	X
McGee Park	X
First Responder's Park	X
Plank Park	X
Sidewinder Skate Park	X
Stark Field (Parking lot only)	P
Sunflower Park	X
Swarthout Park (Parking lot only)	P
Tri Park	X
Town Square	P
Wildflower Park	X

b) Vendors desiring to vend in City parks and public facilities must obtain prior written consent for such vending by obtaining a permit from the City Parks & Recreation Division pursuant to City Code section 19-40.

c) The City reserves the right to prohibit mobile vending within a park with an exclusive concessionaire agreement.

d) No vendor may vend in a City park during any scheduled event, whether it is a City event or a private event for which a special event permit or park facilities use permit has been obtained.

e) In addition to the requirements of this article, any vendor operating in a City park is subject to the rules and regulations for activities and vending within that park.

f) No vendor may operate on a sports field property whether or not that facility is in use.

g) A vendor may vend in a park only during the hours such park is open.

h) No athletic league shall permit a vendor from vending on a City facility without prior approval from the Community Services Director or their designee. Failure to comply will result in revocation of athletic field permit.

Sec. 16-287. Temporary uses and special events.

Vendors operating in conjunction to an outdoor market, community event, or other event permitted through a Temporary Use Permit or Special Event Permit shall be subject to the requirements and conditions of that permit.

Sec. 16-288. Public nuisance declaration.

Any violation of this article is hereby declared to be unlawful and a public health nuisance and may be abated by the City, irrespective of any other remedy provided in this chapter.

Sec. 16-289. Administrative citations.

(a) A violation of the requirements of this article is punishable only by administrative citations, as follows: one hundred dollars ($100.00) for the first violation; two hundred dollars ($200.00) for a second violation within one (1) year of the first violation; and five hundred dollars ($500.00) for each additional violation within one (1) year of the first violation.

(b) The City may revoke the vendor's business license and mobile vendor’s permit for the remaining term upon a fourth or subsequent violation and the vendor may be denied a subsequent business license or mobile vendor’s permit.

Sec. 16-290. Administrative fine reduction.

a) At the time of service of an administrative citation pursuant to Section 16-290, the City shall provide the vendor with notice of the right to request an ability-to-pay determination and shall provide instructions for how to do so.

b) Notwithstanding the time frames set out in Chapter 18, Article XI of the City Code regarding administrative citations, any vendor served with a citation under section 16-288 may request an ability-to-pay determination at any time while the citation remains unpaid.

c) The City will accept twenty (20) percent of the administrative fine as full payment when the vendor applying for the ability-to-pay determination meets the criteria described in California Government Code Section 62632(a) or (b).

Sec. 16-291. Severability.

The provisions of this article are hereby declared to be severable. If any provision, clause, word, sentence or paragraph of this article, or the application thereof, to any person, establishment or circumstance shall be held invalid, such invalidity shall not affect the other provisions of this article.

Section 4. Table 29-225(i) in Section 29-225 of Chapter 29, Zoning, is hereby amended to update reference to mobile food facility regulations, to read as follows

Temporary Use	Time Duration	Frequency of Use	Limitations

(i) Mobile food facilities on private property.	See mobile vendor requirements in Chapter 16, Article VIII. Mobile food facilities operating as part of a special event permitted by the City shall comply with the requirements of the approved special event permit.

Section 3. This Ordinance shall take effect thirty (30) days from and after its adoption. Within fifteen (15) days after adoption, it shall be published once in a newspaper, published and circulated within the City of El Centro, California.

INTRODUCED at a regular meeting of the City Council of the City of El Centro, California, held on the day of 2025.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By _____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the foregoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the ____th day of 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

Public hearing to consider a recommendation from the Planning Commission regarding Negative Declaration 22-04 for the Vasquez Apartment Project at 1274 Pico Avenue.

CITY MANAGER'S RECOMMENDATION:

Adopt Resolution No. 25- , A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING NEGATIVE DECLARATION 22-04 (SCH# 2023-060637) FOR CHANGE OF ZONE 22-05, AND GENERAL PLAN AMENDMENT 22-05, A PROPOSED ZONE CHANGE FROM R1 (SINGLE-FAMILY RESIDENTIAL) TO R3 (MULTIPLE FAMILY RESIDENTIAL), AND GENERAL PLAN AMENDMENT FOR CONSISTENCY WITH THE ZONING MAP, LOCATED AT 1274 WEST PICO AVENUE, FURTHER IDENTIFIED BY APN 044-261-010.

FISCAL IMPACT:

Not applicable

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

Economic Opportunity

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

Not applicable

BACKGROUND:

Calipatria Rentals, LLC, owner of a 2.38-acre property at 1274 Pico Avenue, is requesting a Change of Zone and General Plan Amendment to allow for the development of a 56-unit apartment project. The proposed development consists of two two-story buildings, each containing 28 units, along with a 108-space parking area, landscaping, and stormwater improvements (refer to Exhibit A-Site Plan). The current zoning and General Plan Land Use Designations—R1 (Single-Family Residential) and Low Density Residential—do not permit the proposed development. Therefore, a zone change to R3 (Multiple Family Residential) and an amendment to the General Plan Land Use Designation to High-Medium Density Residential are required.

The project is subject to the California Environmental Quality Act (CEQA). An Initial Study was prepared, resulting in the preparation of a Negative Declaration in compliance with CEQA and the CEQA Guidelines. The project was presented to the Planning Commission on August 29, 2023, at which time the Commission issued a recommendation to approve the project entitlements. However, at the City Council public hearing on December 5, 2023, the item was tabled to allow for additional information on traffic impacts and emergency vehicle access.

In December 2024, a revised site plan was submitted showing two driveways to address emergency access concerns. Additionally, a traffic impact assessment completed in March 2025 concluded that the project would not result in significant impacts to surrounding roadway segments or intersections. On June 10, 2025, the Planning Commission issued a recommendation in the affirmative for the project. Staff is now resubmitting the project to the City Council for consideration, incorporating the revised site plan, traffic study, and updated Initial Study/Negative Declaration (attached as Exhibit B), along with a recommendation to the City Council.

DISCUSSION:

LAND USE REVIEW

The project site is currently zoned R1 (Single-Family Residential) and designated as Low Density Residential on the General Plan Land Use Map. If approved, the project would result in amendments to both the Zoning Map and the General Plan Land Use Map, as shown in Exhibits C and D. The properties abutting the site to the west are zoned for commercial use. The proposed project would serve as a buffer between the commercial uses to the west and the single-family residential uses to the east.

Additionally, parking for the project will be located on the west side of the site, creating a setback between the apartment buildings and any future commercial development on the adjacent vacant lot. A similar land use and development pattern exists on the west side of Imperial Avenue, where R3-zoned parcels provide a transition between Commercial zones along Imperial Avenue and Low Density Residential uses further west along Pico Avenue.

Pico Avenue provides direct access between 8th Street and properties west of Imperial Avenue, offering convenient connectivity to the City’s vehicle circulation system for traffic generated by the future residential development.

ANALYSIS

The project would re-zone the property to R3 (Multiple Family Residential) from R1 (Single-Family Residential). The site is vacant and the Applicant intends to develop an apartment complex at the project site, for a total of fifty-six (56) dwelling units. Section 29-54 of the El Centro Municipal Code limits the maximum density in the R3 zone to twenty-five (25) dwelling units per acre, resulting in a maximum of sixty dwelling units that can be constructed on the property.

PUBLIC NOTICING & ENVIRONMENTAL REVIEW

A public hearing was held before the Planning Commission on June 10, 2025. At the public hearing, a nearby resident voiced concerns regarding street parking in the area that may be exasperated as part of the project. Specifically, the resident had concerns regarding vehicles parking close to nearby driveways and causing a visual obstruction.Staff is recommending that residents submit specific concerns regarding street parking to the Public Works Department for evaluation and possible mitigation.

A second public hearing is scheduled for September 16, 2025 before the City Council. Notices were sent to nearby property owners requesting comments and inviting them to attend the public hearing. As of the date of preparation of this staff report, no comments or questions have been submitted to the Community Development Department.

The proposed Change of Zone (22-05) and General Plan Amendment (22-05) are subject to the California Environmental Quality Act (CEQA). The Environmental Assessment

Committee (EAC) reviewed the Initial Study on June 15, 2023 and determined that a Negative Declaration would be appropriate for compliance with CEQA. The Negative Declaration was circulated for a period of 30-days, beginning on June 23, 2023 through July 24, 2023. During the public review process, letters were received from the Imperial Irrigation District (IID). Table 1- Commenting Agencies outlines a summary of the comments received. The comments provided will be incorporated as project conditions for any future projects at the site.

FINDINGS

In determining the advisability of issuing a recommendation for Change of Zone 22-05, the City Council shall consider the findings found in Section 24-328 of the El Centro City Code used for approving zone changes. Below are the findings with staff's recommended language in support of the findings:

1. The proposed zone change is in conformity with the City's General Plan, and other development policies of the City.

The proposed project is in conformity with the City's General Plan, specifically, the following goals and policies:

Land Use Goal 1- Policy 1.1: "Provide for a variety of housing opportunities at a range of densities, housing types, and affordability levels to meet the needs of the community and implement the Housing Element." The project will result in a re-zone land to R3 allowing for the development of 56-unit multi-family dwelling units to add to the range and variety of housing types. density, and affordability to meet the needs of the community.

Land Use Goal 1- Policy 1.4 "Encourage developers to provide infill housing options in or near existing commercial centers and on or near commercial corridors to facilitate transition to a neighborhood-serving mix of uses that support walkability, alternative transportation options, and a reduction in vehicle miles traveled." The project site is within a 15-minute walk of a variety of destinations that meet the daily needs of future residents, such as schools, medical offices, city parks, and grocery stores.

Land Use Goal 3- Policy 3.1 "Encourage infill development within the City limits before expanding new development into the City's SOI to the extent feasible to make efficient use of land and existing facilities and services and preserve open space and agricultural land." The project site is vacant and is located within the City limits and will result in infill development and will not impact agricultural areas surrounding the City. The site has access to existing water and sewer services. Access to the project site will be by way of existing roadways. This would result in little expansion or extension of existing City infrastructure.

2. Proposed zone change is appropriate for the affected project site with consideration given to access, size of parcel, relationship to similar or related land uses, and other considerations deemed relevant.

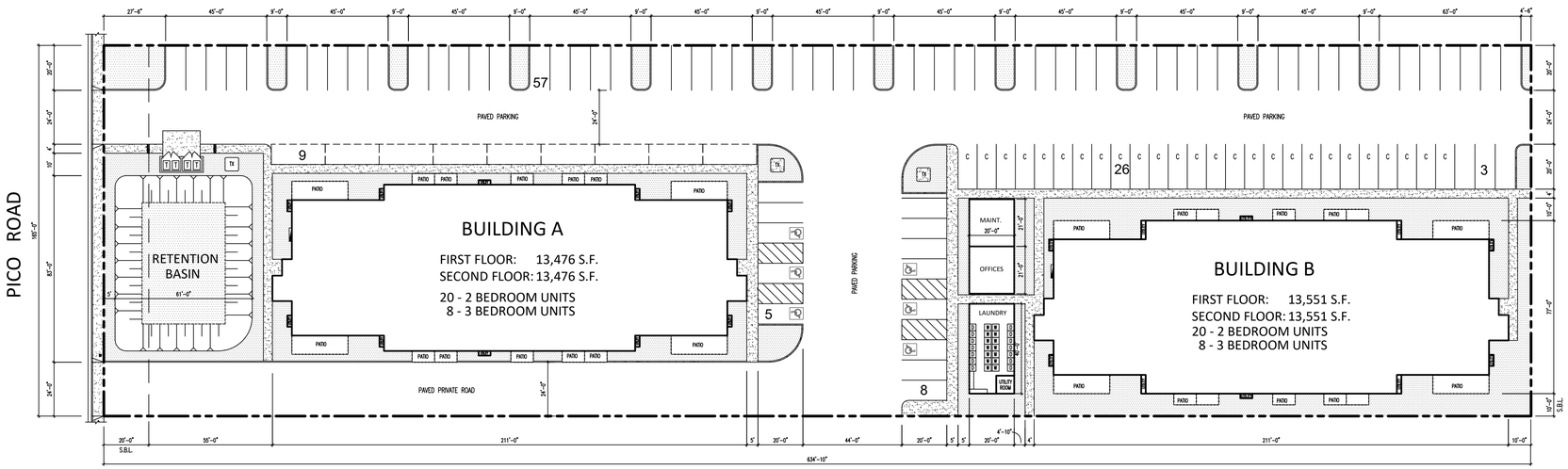
The zone change is appropriate for the affected subject site as the property is located within a residential area and abuts Pico Avenue. Furthermore, the R3 zoning will provide an appropriate buffer for R1 zoned parcels to the east, from the CG an CH zones parcels to the west. Pico Avenue has direct access between 8th Street and properties west of Imperial Avenue, and will allow for convenient access to the City's vehicle circulation

system by traffic generated by the future residential development at the site.

3. Proposed zone change is proper at this time and not likely detrimental to the adjacent properties or residents.
The proposed zone change will not be detrimental to the adjacent properties. Vacant land immediately abuts the project site. The project would comply with City development standards such as lighting regulations, noise regulations, and block walls to provide adequate buffers adjacent properties.

CONCLUSION:
Adopt Resolution No. 25- , A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING NEGATIVE DECLARATION 22-04 (SCH# 2023-060637) FOR Change of Zone 22-05, and General Plan Amendment 22-05, a proposed zone change from R1 (Single-Family Residential) to R3 (Multiple Family Residential), and General Plan Amendment for consistency with the Zoning Map, located at 1274 West Pico Avenue, further identified by APN 044-261-010.

ATTACHMENTS:
1. Exhibit A - Site Plan
2. Exhibit B - Initial Study-Negative Declaration
3. Exhibit C - Land Use Map
4. Exhibit D - Zoning Map
5. Exhibit E - Resolution for IS-MND



OVERALL PLOT PLAN

SCALE: 1" = 30'

DRAWING INDEX

NUMBER	DESCRIPTION
T1	TITLE SHEET
C1	UTILITIES PLOT PLAN
C2	LANDSCAPE PLAN
A1	FIRST FLOOR PLAN
A2	SECOND FLOOR PLAN
A3	ELEVATIONS
A4	FOUNDATION PLAN
A5	FLOOR FRAMING PLAN
A6	ROOF FRAMING PLAN
A7	SECTION AND DETAILS
A8	ROOF PLAN
A9	OFFICES-LAUNDRY FLOOR PLAN
A10	OFFICES-LAUNDRY FOUNDATION PLAN
A11	OFFICES-LAUNDRY ELEVATIONS
A12	OFFICES-LAUNDRY MECH & PLUMBING
A13	ACCESSIBILITY NOTES
A14	GREEN BUILDING CODE NOTES
A15	GREEN BUILDING CODE NOTES
ES1.0	ELECTRICAL SITE PLAN
E2.0	PHOTOMETRIC LIGHTING PLAN
E3.0	ELECTRICAL PLAN (BLDG A & B)
E4.0	ELECTRICAL PLAN (UNIT A)
E5.0	ELECTRICAL PLAN (UNIT B)
E6.0	ELECTRICAL PLAN (OFFICES & LAUNDRY
E7.0	ONE LINE DIAGRAM (BLDG A & B)
E8.0	ONE LINE DIAGRAM (OFFICE & LAUNDRY ROOM)
M1	MECHANICAL PLAN FIRST FLOOR
M2	MECHANICAL PLAN SECOND FLOOR
M3	MECHANICAL PLAN OFFICES & LAUNDRY
P1	PLUMBING PLAN FIRST FLOOR
P2	PLUMBING PLAN SECOND FLOOR
EC1	ENERGY COMPLIANCE
EC2	ENERGY COMPLIANCE
EC3	ENERGY COMPLIANCE
EC4	ENERGY COMPLIANCE

SITE DATA

OWNER:	CALIPATRIA RENTALS, LLC P.O. BOX 54 IMPERIAL, CA 92251 (760) 336-9175
PROPERTY ADDRESS:	1274 PICO ROAD EL CENTRO, CA 92243
APN:	044-261-010
PROPERTY SIZE:	2.4 AC
PROPOSED PROJECT:	2 – TWO STORY MULTIFAMILY DWELLING BUILDINGS 27,102 S.F. EACH TWO BEDROOM UNITS 20 EACH BUILDING THREE BEDROOM UNITS 8 EACH BUILDING
PROPOSED AREA BLDG. A:	1ST FLOOR 2ND FLOOR 13,551 S.F. 13,551 S.F.
PROPOSED AREA BLDG. B:	1ST FLOOR 2ND FLOOR 13,551 S.F. 13,551 S.F.
FIRE SPRINKLERS:	YES
REQUIRED PARKING:	1.25 STALLS PER 3 BED SENIOR UNIT (8 UNITS) (1.25) = 10 STALLS 1.25 STALLS PER 2 BED SENIOR UNIT (20 UNITS) (1.25) = 25 STALLS 2.25 STALLS PER 3 BED UNIT (8 UNITS) (2.25) = 18 STALLS 2.25 STALLS PER 2 BED UNIT (20 UNITS) (2.25) = 45 STALLS REQUIRED STALLS = 98
PARKING PROVIDED:	108 STALLS – 82 REGULAR AND 26 COMPACT SPACES
LANDSCAPE REQUIRED:	15% OF DEVELOPED AREA = 104,610 (0.15) = 15,691 S.F.
LANDSCAPE PROVIDED:	20,547 S.F. = ± 20%

ADOPTED CODES

NOTES:

THIS PROJECT SHALL COMPLY WITH 2019 CBC WHICH ADOPTS 2015 IBC
THE 2019 CEC WHICH ADOPTS 2014 NEC
THE 2019 CMC WHICH ADOPTS 2015 UMC
THE 2019 CPC WHICH ADOPTS 2015 UPC
THE 2019 CFC WHICH ADOPTS 2015 IFC
THE 2019 GREEN BUILDING STANDARDS CODE
THE 2019 EDITION OF THE CALIFORNIA ENERGY EFFICIENCY STANDARDS

LEGEND

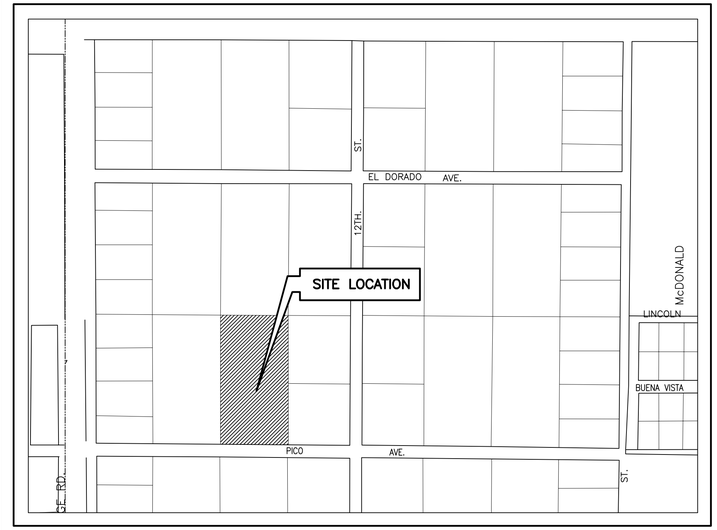
SYMBOL	DESCRIPTION
	NEW CONCRETE
	EXISTING CONCRETE
	LANDSCAPE AREA
	PROPERTY LINE (SEE CIVIL DRAWINGS)
	NEW FENCE LINE

PLOT PLAN NOTES

1. ALL PROPERTY LINES, EASEMENTS AND BUILDINGS, BOTH EXISTING AND PROPOSED, ARE SHOWN ON THIS SITE PLAN.
2. SURFACE WATER SHALL DRAIN AWAY FROM BUILDING A MINIMUM OF 5% THE FIRST 10 FEET
3. SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE OWNERWHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THATTHE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
5. SHOULD DISCREPANCIES OCCUR ON THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY.
6. THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONAL INFORMATION. ACTUAL DIMENSIONS NUMBERS SHOWN ON THE PLANS ARE TO BE USED. IF DIMENSIONAL CONFLICTS EXIST, NOTIFY THE OWNER IMMEDIATELY. ANY CONTRACTOR SCALING DRAWINGS FOR ANY PURPOSE DOES SO AT HIS OWN RISK AND IS RESPONSIBLE FOR ANY ERRORS AND MISTAKES WHICH MAY RESULT.

DISCLAIMER:

THE WORK DEPICTED ON THIS PLAN DOES NOT REPRESENTS A GRADING PLAN NOR A SURVEY. IT IS THE OWNER RESPONSIBILITY TO HIRE A LICENSED PROFESSIONAL TO DO SUCH WORK, THIS PLOT PLAN IS SCHEMATIC AND FOR INFORMATIONAL PURPOSES ONLY



VICINITY MAP

REVISIONS	BY
PLANCHECK 10/12/23	GMG

REGISTERED PROFESSIONAL ENGINEER GUILLERMO MARTINEZ REG. C-74475 EXP. 12-31-2024 CIVIL STATE OF CALIFORNIA

OWNER: CALIPATRIA RENTALS, LLC
ADDRESS: P.O. BOX 54 IMPERIAL, CA 92251
PHONE No. (760) 336-9175

SHEET CONTENTS: OVERALL PLOT PLAN

EL COMEDERO APARTMENTS
EL CENTRO CALIFORNIA

DATE: JUN 2022
SCALE: AS SHOWN
BY:
BY: GUILLERMO GARCIA
DATE
PO BOX 1560
EL CENTRO, CA 92244

T.1

Final Negative Declaration and Initial Study

Vasquez Apartments
Calipatria Rentals LLC
1274 Pico Avenue
El Centro, CA
APN 044-261-010
State Clearinghouse No. 2023060637

Prepared By:

Andrea Montano, Associate Planner
Angel Hernandez, Community Development Director
City of El Centro
Community Development Department
Planning & Zoning Division
1275 W. Main Street
El Centro, CA 92243

JUNE 2025

City of El Centro

Final Negative Declaration for

Vasquez Apartments (GPA 22-05 and COZ 22-05)

JUNE 2025 UPDATE

During the public review period staff received comments from the Imperial Irrigation District (IID) that electrical capacity is limited in the Project Area. During the electrical service connection phase, the IID will formally review the project which may require a circuit study. Upgrades, including but not limited to new, relocations, modification or reconstruction, to infrastructure may be needed. If this is the case it will also require appropriately deeded rights-of-way and easements.

Furthermore, during the public hearing before the City Council on November 7, 2023, the City Council directed staff to further analyses the traffic impacts and public safety impacts of the project. This resulted in a Traffic Impact Analysis (TIA) to be conducted in accordance to the City of El Centro Traffic Study Guidelines. The results of the TIA were used to update the Transportation and Traffic section of the Initial Study/MND. Revisions to the site plan were also completed to provide a secondary driveway access from Pico Avenue on to the property and improve the interior vehicular circulation.

Since the aforementioned changes and information are not a substantial revision in the Negative Declaration previously circulated for public comment, per section 15073.5 of the California Environmental Quality Act Guidelines, it was determined that the recirculation of the Negative Declaration is not required.

Comment Letter(s):

Imperial Irrigation District

IID

www.iid.com

A century of service. Since 1911

July 18, 2023

Ms. Andrea Montaño
Associate Planner
Community Development Department
City of El Centro
1275 W. Main Street
El Centro, CA 92243

SUBJECT: Vazquez Apartments Project in El Centro, CA; Draft MND

Dear Ms. Montaño:

On June 23, 2023, the Imperial Irrigation District received from the City of El Centro Community Development Department, the Notice of Availability of a Draft Mitigated Negative Declaration for the Vazquez Apartments Project. The project proposes the construction of 56 residential units on a 2.39-acre parcel located at 1274 Pico Avenue in El Centro, CA (APN 044-261-01).

The IID has reviewed the application and has the following comments:

1. For electrical service to the proposed communication tower, the applicant should be advised to contact Ignacio Romo, IID project development service planner, at (760) 482-3426 or e-mail Mr. Romo at IGRomo@iid.com to initiate the customer service application process. In addition to submitting a formal application (available for download at the district website http://www.iid.com/home/showdocument?id=12923), the applicant will be required to submit an AutoCAD file of site plan, approved project drawings including electrical plans, electrical panel sizes and panel locations, operating voltage, electrical loads, project schedule, and the applicable fees, permits, easements and environmental compliance documentation pertaining to the provision of electrical service to the project. The applicant shall be responsible for all costs and mitigation measures related to providing electrical service to the project.

2. Electrical capacity is limited in the project area. A circuit study may be required. Any system improvements or mitigation identified in the circuit study to enable the provision of electrical service to the project shall be the financial responsibility of the applicant.

3. Applicant shall provide a surveyed legal description and an associated exhibit certified by a licensed surveyor for all rights of way deemed by IID as necessary to accommodate the project electrical infrastructure. Rights-of-Way and easements shall be in a form acceptable to and at no cost to IID for installation, operation, and maintenance of all electrical facilities.

4. Any construction or operation on IID property or within its existing and proposed right of way or easements including but not limited to: surface improvements such as proposed new streets, driveways, parking lots, landscape; and all water, sewer, storm water, or any

other above ground or underground utilities; will require an encroachment permit, or encroachment agreement (depending on the circumstances). A copy of the IID encroachment permit application and instructions for its completion are available at https://www.iid.com/about-iid/department-directory/real-estate. The IID Real Estate Section should be contacted at (760) 339-9239 for additional information regarding encroachment permits or agreements. No foundations or buildings will be allowed within IID's right of way.

5. Public utility easements over all private public roads and additional ten (10) feet in width on both side of the private and public roads shall be dedicated to IID for the construction, operation, and maintenance of its electrical infrastructure.

6. Any new, relocated, modified or reconstructed IID facilities required for and by the project (which can include but is not limited to electrical utility substations, electrical transmission and distribution lines, water deliveries, canals, drains, etc.) need to be included as part of the project's California Environmental Quality Act (CEQA) and/or National Environmental Policy Act (NEPA) documentation, environmental impact analysis and mitigation. Failure to do so will result in postponement of any construction and/or modification of IID facilities until such time as the environmental documentation is amended and environmental impacts are fully analyzed. Any and all mitigation necessary as a result of the construction, relocation and/or upgrade of IID facilities is the responsibility of the project proponent.

Should you have any questions, please do not hesitate to contact me at 760-482-3609 or at dvargas@iid.com. Thank you for the opportunity to comment on this matter.

Respectfully,

Donald Vargas
Compliance Administrator II

Sergio Quiroz – Interim General Manager
Mike Pacheco – Manager, Water Dept.
Jamie Asbury – Manager, Energy Dept.
Matthew H Smelser – Deputy Mgr. Energy Dept.
Daryl Buckley – Mgr. of Distribution Srvcs. & Maint. Oprtns., Energy Dept.
Geoffrey Holbrook – General Counsel
Michael P. Kemp – Superintendent General, Fleet Services and Reg. & Environ. Compliance
Laura Cervantes. – Supervisor, Real Estate
Jessica Humes – Environmental Project Mgr. Sr., Water Dept.

Table of Contents

1.0 INTRODUCTION 7
1.1 Introduction and Regulatory Guidance 7
1.2 Lead Agency 7
1.3 Purpose and Document Organization 7
2.0 PROJECT DESCRIPTION 9
2.1 Project Characteristics 9
2.2 Project Description 9
2.3 Project Construction 11
2.4 Anticipated Discretionary Actions and Approvals 12
3.0 Environmental Checklist 19
3.1 Environmental Factors Potentially Affected 19
3.2 Determination: 19
3.3 Evaluation Of Environmental Impacts: 20
3.4 Aesthetics 21
3.5 Agriculture & Forestry Resources 22
3.6 Air Quality 23
3.7 Biological Resources 25
3.8 Cultural Resources 26
3.9 Energy 28
3.10 Geology and Soils 28
3.11 Greenhouse Gas Emissions 29
3.12 Hazards And Hazardous Materials 30
3.13 Hydrology and Water Quality 31
3.14 Land Use Planning 33
3.15 Mineral Resources 33
3.16 Noise 35
3.17 Population and Housing 35
3.18 Public Services 36
3.19 Recreation 37
3.20 Transportation 38
3.21 Tribal Cultural Resources 40
3.22 Utilities and Service Systems 41
3.23 Mandatory Findings of Significance 43
4.0 Document Preparers and References 45
4.1 Document Preparers 45

4.2 Source References.....45

1.0 INTRODUCTION

1.1 Introduction and Regulatory Guidance

This document is an Initial Study (IS) with supporting environmental studies, which provides justification for a Negative Declaration (MND) pursuant to the California Environmental Quality Act (CEQA) for the Vasquez Apartments Project (proposed project).

The IS/MND is a public document to be used by the City of El Centro (City), acting as the CEQA lead agency, to determine whether the project may have a significant effect on the environment pursuant to CEQA. If the lead agency finds substantial evidence that any aspect of the project, either individually or cumulatively, may have a significant effect on the environment that cannot be mitigated, regardless of whether the overall effect of the project is adverse or beneficial, the lead agency is required to prepare an environmental impact report (EIR), use a previously prepared EIR and supplement that EIR, or prepare a subsequent EIR to analyze the project at hand (Public Resources Code Sections [PRC] 21080[d] and 21082.2[d]).

If the agency finds no substantial evidence that the project or any of its aspects may cause a significant impact on the environment with mitigation, an MND shall be prepared with a written statement describing the reasons why the proposed project, which is not exempt from CEQA, would not have a significant effect on the environment and therefore why it does not require the preparation of an EIR (CEQA Guidelines Section 15371).

According to CEQA Guidelines Section 15070, a Negative Declaration shall be prepared for a project subject to CEQA when either:

1) The IS shows there is no substantial evidence, in light of the whole record before the agency, that the project may have a significant effect on the environment, or
2) The initial study identifies potentially significant effects, but:
   a) Revisions in the project plans or proposals made by, or agreed to by the applicant before the proposed MND and initial study are released for public review would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur, and
   b) There is no substantial evidence, in light of the whole record before the agency, that the proposed project as revised may have a significant effect on the environment.

This IS/ND has been prepared in accordance with CEQA, PRC Section 21000 et seq., and the CEQA Guidelines Title 14 California Code of Regulations (CCR) Section 15000 et seq.

1.2 Lead Agency

The lead agency is the public agency with primary responsibility over a proposed project. Where two or more public agencies will be involved with a project, CEQA Guidelines Section 15051 provides criteria for identifying the lead agency. In accordance with CEQA Guidelines Section 15051(b)(1), “the lead agency will normally be the agency with general governmental powers.” Therefore, based on the criteria described above, the lead agency for the proposed project is the City of El Centro.

1.3 Purpose and Document Organization

The purpose of this IS/ND is to evaluate the potential environmental impacts of the proposed Vasquez Apartments Project. This document is presented in the following format:

1.0 Introduction

This section provides an introduction and describes the purpose and organization of this document.

2.0 Project Description

This section provides a detailed description of the proposed project and the environmental setting, and lists the various agency approvals required.

3.0 Environmental Checklist

This section describes the environmental setting for each of the environmental subject areas, as appropriate; evaluates a range of impacts classified as “no impact,” “less than significant impact,” “less than significant impact with mitigation incorporated,” or “potentially significant impact” in response to the environmental checklist; provides mitigation measures, where appropriate, to mitigate potentially significant impacts to a less than significant level; and provides a determination of project impacts.

4.0 Document Preparers and References

This section identifies staff and consultants responsible for preparation of this document. It also lists the resources used in the preparation of this document.

Appendices

The appendices to this report include various technical reports, database records, and modeling printouts that were prepared during the course of the Initial Study.

2.0 PROJECT DESCRIPTION

2.1 Project Characteristics

1. **Project Title**

   Vasquez Apartments

2. **Lead Agency Name and Address**

   City of El Centro
   1275 W. Main Street
   El Centro, California 92243

3. **Contact Person**

   Angel Hernandez, AICP, Community Development Director
   Phone Number: 760.337.4545
   Email: angel_hernandez@cityofelcentro.org

4. **Project Location and Size**

   The project site is located in the northern portion of the City of El Centro (City) in south-central Imperial County, California. The site encompasses 2.38 acres and 300 linear feet west of the northwest corner of Pico Avenue and 12th Street in El Centro, CA with a physical address of 1274 Pico Avenue and Assessor's Parcel Number: 044-261-010 (Refer to Figure 1-Location Map). Regional access to the project vicinity is provided via State Route 86 (Imperial Avenue) which is located approximately 700 feet to the west.

5. **Project Sponsor's Name and Address**

   Carlos Vasquez
   Calipatria Rentals, LLC
   P.O. Box 54
   Imperial, CA 92251

6. **Existing and Proposed General Plan Land Use Designation**

   Low Density Residential (existing)
   High-Medium Density Residential (proposed) (Refer to Figure 2)

7. **Existing and Proposed Zoning**

   R1- Single Family Residential Zone (existing)
   R3 – Multiple-Family Residential Zone (proposed), (Refer to Figure 3)

2.2 Project Description

Existing Setting and Surrounding Land Uses

Regional Setting

The City of El Centro is located in south-central Imperial County. The City is bordered to the north by the City of Imperial and the communities of Heber and Calexico to the south/southeast. The international United States/Mexico border is located approximately 10 miles to the south. Additionally, expansive lands actively utilized for agricultural production surround the City. Regional access to the project site is provided via Interstate 8 to northbound S. 4th Street and N. Imperial Avenue or via SR-111 to westbound Evan Hewes Hwy/Main Street.

Local Setting

The project site lies within an urbanized area of the City, within a transitional area of what is known as the El Dorado Colonia Area. Land uses to west typically consist of retail and professional office development along Imperial Avenue/SR-86. Generally west of the site development consist of low-density residential situated on parcels ranging in size from 0.2 acres to as large as 2.5 acres. The project site has been previously disturbed and, in its current state, contains discarded vehicles, balding materials, and overgrown vegetation. No structures are

present on the property. The topography of the project site and surrounding vicinity is relatively flat with on-site elevations below sea level. The project site has been previously graded and does not include slopes greater than 25 percent.

Infrastructure improvements fronting the site as well as the El Dorado Colonia area were as part of public infrastructure projects that took place in early 2000s. Improvements included the installation of curb, gutter, sidewalks, street lighting, roadway pavement, water distribution, sanitary sewer collection, and stormwater facilities.

Surrounding Land Uses

Surrounding land uses include a self-storage facility (Valley Premier Storage) and vacant land to the west, and low-density residential to the north and east. South of the site, across from Pico Avenue is also contains low-density residential development. Further to the west is the Prince Professional Plaza containing several medical and professional offices, and a fast food-restaurant. North west of the site is the Legacy MD Medical Group medical office building.

Proposed Project

The project proposes future development of two (2) two-story apartment buildings at the project site for a total of fifty-six (56), residential units. The proposed unit mix consist of forty (40) two-bedroom units and sixteen (16) bedroom units will be three-bedroom units. Additional improvements include a 108-space parking area, landscaping, and stormwater improvements.

Open Space/Recreation

Common open space provided on-site would meet the City's requirement of 150 square feet of common space per residential unit for the proposed R3-Single-Family Residential zone. Such areas would be for use by project residents and would provide opportunities for passive and active outdoor recreation.

Landscaping and Lighting

landscaping would be provided on-site in various locations (i.e., street frontage, retention basins, building entries, and within parking areas). All project landscaping would be consistent with City requirements for coverage and plant types, as well as irrigation systems. The use of reclaimed water for landscape irrigation is not proposed as part of the project.

The project would incorporate lighting, as necessary, for safety and security. There is existing street lighting along Pico Avenue. Additional lighting would be installed along interior driveways for purposes of public safety and circulation. All ancillary features would comply with applicable City design standards and lighting regulations.

Parking

The project would be designed to meet parking requirements as identified in City Zoning Ordinance Section 29-128, with a 15% reduction of the minimum required of parking space under the discretion of the City in the authority under Section 29-298 of the City Code.

Access/Circulation

Main access to the project site would be provided along the southern boundary directly from Pico Avenue. Vehicle access the project will be by way of two, 24-foot wide driveways, and pedestrian access through 4-foot wide sidewalk.

Internal circulation would be provided internal driveways and sidewalks. Drive aisles would be constructed to minimum required widths with provision of adequate turning radii, consistent with City and fire department design requirements to ensure adequate on-site circulation and access for emergency vehicles.

Utilities

Water

Water for the project would be supplied by the City's public water system. The City receives its water supply from the Imperial Irrigation District. The project would connect to existing water lines in Pico Avenue. No upgrades to the existing public water infrastructure system are required or proposed to serve the project as designed.

Sewer

Wastewater treatment for the project would be provided by the City's existing sewer system. The project would connect to existing sewer lines in Pico Avenue. All of the City's wastewater is routed to and treated at the City's Wastewater Treatment Plant located at 2255 North La Brucherie Road, approximately 4,600 feet northwest of the project site. No upgrades to the existing public sewer infrastructure system are required or proposed to serve the project as designed.

Stormwater Facilities

Stormwater from the project site would be routed to an onsite detention basin. On-site stormwater facilities will be design to capture and detain stormwater onsite for most storm events and overflow to the City's storm drain system for higher intensity storms. No upgrades to the City's storm drain system would be required to accommodate stormwater runoff from the subject site with project implementation. Best management practices would be implemented during the construction and operational phases to ensure that stormwater quality leaving the site is maintained and that no adverse effects to off-site properties or downstream water bodies would occur.

Electricity and Natural Gas

Electrical and gas lines are present in the project vicinity along adjacent local roadways. The project would tie into these existing services. An electrical circuit study would need to be conducted to study the electrical capacity in the area prior to the issuance of any building or grading permits.

Sustainability/Energy Saving Measures

The project would be designed to meet the requirements of the 2022 California Green Building Code. Energy-saving measures incorporated into the project design are anticipated to include such features as low-flow fixtures (i.e., faucets, showers, and toilets) in individual residential units. Additionally, a minimum of 25% of parking spaces would be "EV Ready" meaning they will be equipped with level 2 EV charging receptacles.

General Plan Land Use and Zoning

The project as proposed would require a General Plan Amendment to change the existing General Plan land use designation on a portion of the site from Low Density Residential to High-Medium Residential. The project site is currently zoned R1-Single Family. The project proposes to rezone a portion of the property from R1 and R3-Multiple Family Residential. The General Plan Amendment and rezone would allow for the on-site residential uses as proposed.

2.3 Project Construction

Schedule

The project would be constructed in one phase. It is anticipated that the work would be completed in 8- or 10-hour shifts, with a total of five shifts per week (Monday-Friday). Overtime and weekend work may occur as necessary to meet scheduled milestones or accelerate the schedule and would comply with applicable California labor laws as well as local City regulations regulating construction activities.

Operational Characteristics

The project would result in development of multiple-family residential uses on-site. It is anticipated that operational activities would be similar to those typical of such residential uses. Parking shall meet the minimum requirements found in the El Centro City Code or with a variance issued by the City. While the parking spaces allow for two spaces per unit, it is anticipating that some residents or guests will chose to park on Pico Avenue, which it is designed to accommodate and will not result in significant affects to other land uses.

2.4 Anticipated Discretionary Actions and Approvals

Listed below are public agencies, including the City of El Centro, that may have discretionary actions associated with the implementation of the proposed project:

Project entitlements/discretionary actions and approvals required for the project are anticipated to include, but may not be limited to, those identified in Table 1, Required Approvals and Permits.

Table 1: Required Approvals and Permits

Permit/Action Required	Approving Agency	Lead/Trustee/Responsible Agency
Site Plan Review	City	Lead Agency
Negative Declaration	City	Lead Agency
General Plan Amendment	City	Lead Agency
Rezone	City	Lead Agency
General Construction Stormwater Permit	Colorado River Regional Water Quality Control Board (RWQCB)	Responsible Agency
National Pollution Discharge Elimination System (NPDES) Permit	Colorado River RWQCB	Responsible Agency
Encroachment Permit	City	Lead Agency
Grading Permit	City	Lead Agency
Building Permit	City	Lead Agency
Permit to Construct	Imperial County Air Pollution District	Responsible Agency



Figure 1-Project Location Map

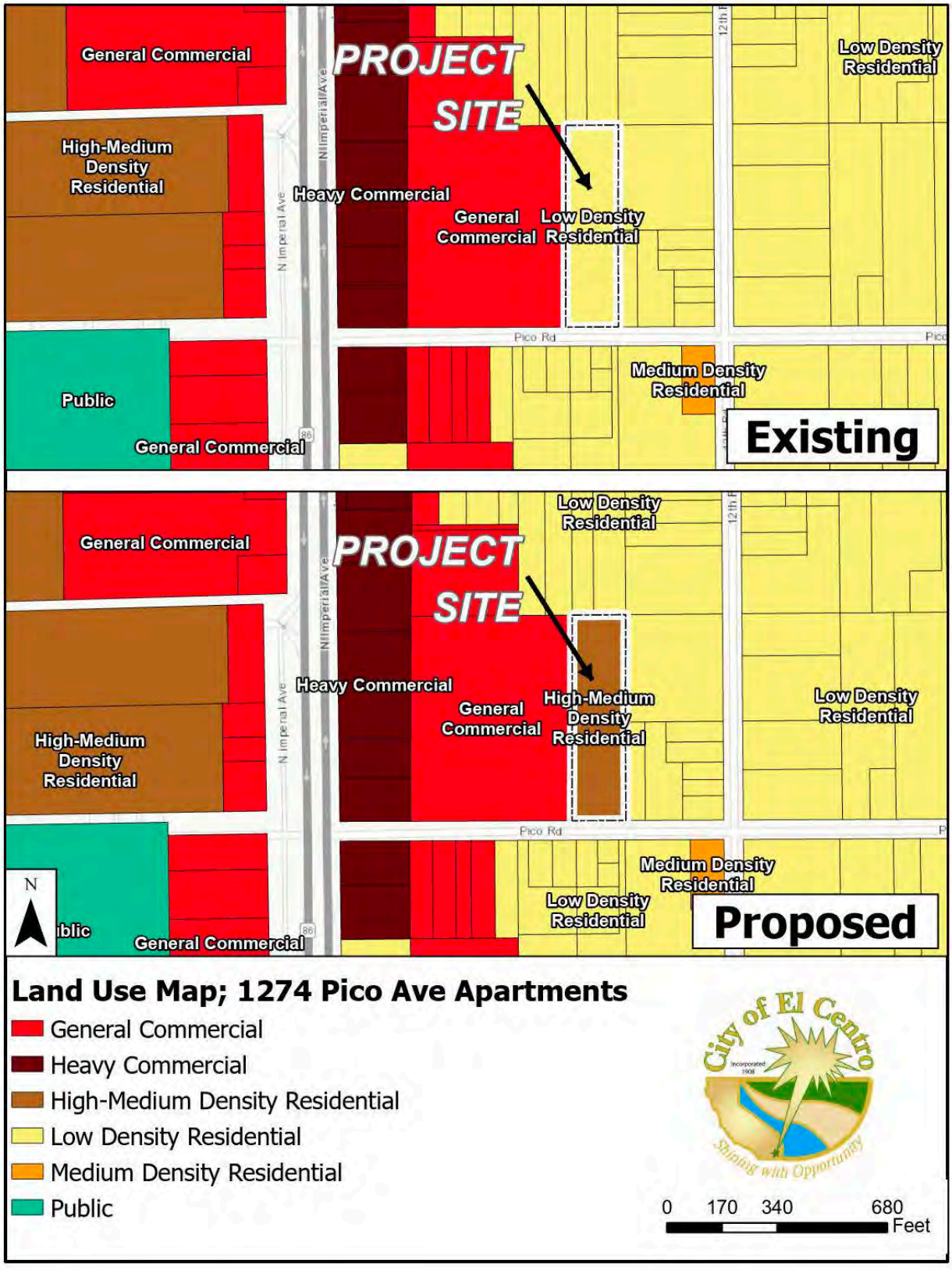


Figure 2-General Plan Land Use Map

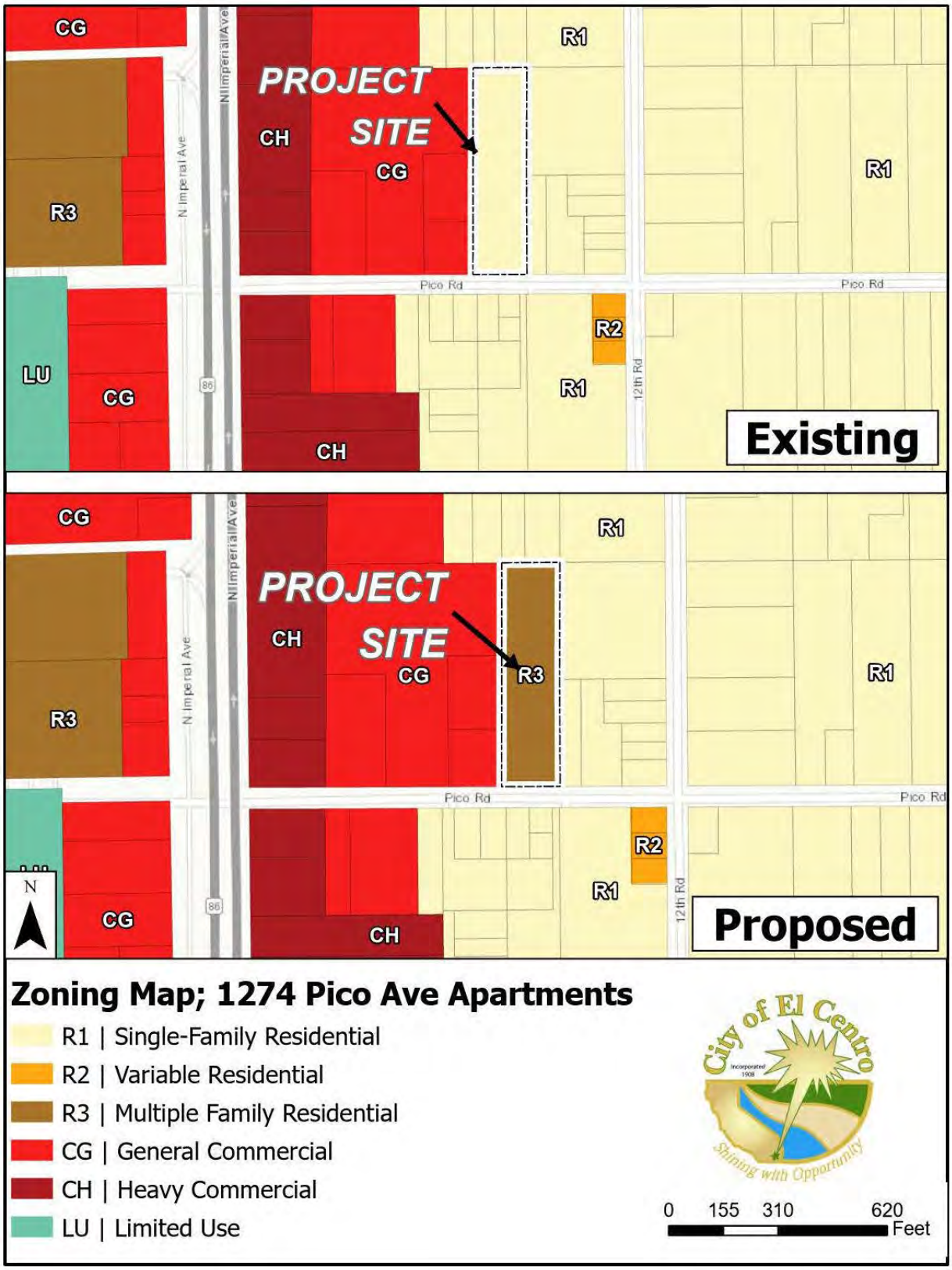


Figure 3 - Zoning Map

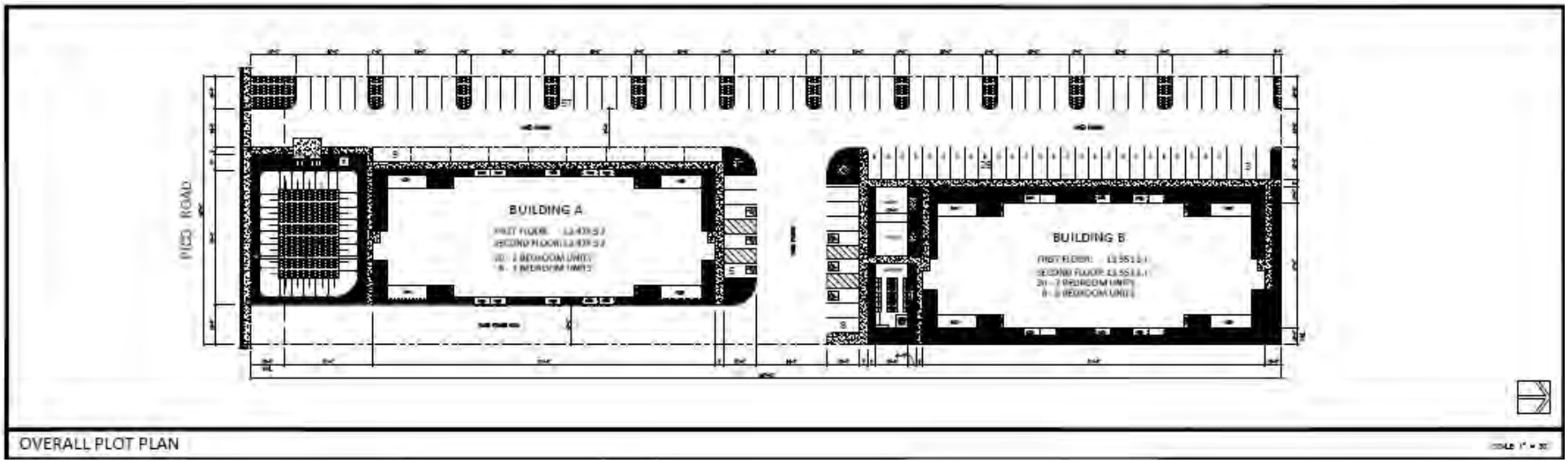


Figure 4 - Site Plan



Project site, view from the south side of Pico Avenue



Project site, viewing northwest

Figure 5 – Site Photos



Self-storage facility west of the project site



Low density residential development south of the project site

Figure 6 – Site Photos

3.0 Environmental Checklist

3.1 Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards & Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use/Planning	☐ Mineral Resources
☐ Noise	☐ Population/Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities/Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

3.2 Determination:

On the basis of this initial evaluation:

X	I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
	I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
	I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
	I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document in accordance with applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
	I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Angel Hernandez, AICP, Community Development Director

Date

3.3 Evaluation of Environmental Impacts:

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources cited. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project- specific factors as well as general standards.
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect, and construction as well as operational impacts.
3. A “Less Than Significant Impact” applies when the proposed project would not result in a substantial and adverse change in the environment. This impact level does not require mitigation measures.
4. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect is significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
5. “Potentially Significant Unless Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from a “Potentially Significant Impact” to a “Less Than Significant Impact.” The initial study must describe the mitigation measures and briefly explain how they reduce the effect to a less than significant level.

3.4 Aesthetics

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS – Except as provided in Public Resources Code Section 21099, Would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	☒
d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	☐	☐	☐	☒

Explanation:

(a-b) The project is located in a developed portion of the City of El Centro, which lies on relatively flat topography. Notable scenic vistas are limited to distant views of the Superstition Hills, Mt. Signal and the peninsular mountain ranges to the west. Views of these vistas are obscured by trees and existing development to the west. Given the location of the property in a developed portion of the City, the lack of scenic resources at the vacant project site, and that existing development to west obscures distant views of mountains, it is determine that the project will not have an adverse impact on a scenic vistas or damage scenic resources including but not limited to, trees, rock outcroppings, or historic buildings within a state scenic highway as there are none in the vicinity of the project site.

(c) The project site is vacant and surrounding properties consist of single-family residential homes, vacant land, a self-storage facility, and medical and professional office plaza further to the west. If granted, the change of zone will allow for the development of two (2) apartment buildings that will contain fifty-six (56) units within an existing residential area. New residential development will adhere to the City Code Section 29-55 Residential Zone Design standards. Because the site is vacant and the surrounding areas also consist of single-story residential uses, the proposed project will not degrade the visual character of the area.

d) The project will not create a new source of substantial light or glare that would adversely affect day or nighttime views of the area. New development would comply with light standards found in Section 29-149 of the El Centro City Code.

3.5 Agriculture & Forestry Resources

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE & FORESTRY RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding state's inventory of forest land, including the Forest and Range Assessment project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause, rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined, by the Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Governmental Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒
Explanation: (a-b) The project site is designated as Urban and Built Up Land under the 2018 Farmland Mapping and Monitoring Program of the California Resources Agency. Urban and Built-Up Land is defined as built-up land occupied by structures with a building density of at least 1 unit to 1.5 acres. As such, the proposed project site will not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. Given that the proposed project site is not zoned for agricultural use, the project will not conflict with any Williamson Act contract.				

(c) Currently, the land is zoned for single-family residential uses. As such, the project will not conflict with existing zoning for, or cause, rezoning of, forest land, timberland, or timberland zoned Timberland Production.

(d) The project will not result in the loss of forest land or conversion of forest land to non-forest use as the site is zoned for single family residential land uses and does not consist of forest land.

(e) The proposed project will not involve other changes in the existing environment which could result in the conversion of farmland to non-agricultural use or conversion of forest land to non-forest use. Pursuant to the Farmland Mapping and Monitoring Program land to the north, east, south and west is designated Urban and Built-Up land. There is no forest land near the project area or within the project area; thus, there will be no impact to forest lands.

3.6 Air Quality

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
d) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
e) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Explanation

(a-c) The project will allow for the construction of up to fifty-six (56) dwelling units on a 2.98 acres site. The development would be required to comply with Imperial County Air Pollution Control District rules and regulations and obtain a permit for construction activities including compliance with Regulation VIII, Fugitive Dust Control Measures. Additionally, new residential development is required to pay an operational development fee to mitigate the emissions from new residences including increase vehicle emissions and power generation emissions per ICAPCD Rule 310. The proposed project would not conflict or obstruct implementation of any applicable air quality plan. Furthermore the project site is within a 15-minute walk from bus stops,

neighborhood market, elementary school, and a major shopping center that includes a grocery store, which reduce the overall use of vehicle transportation for residents daily necessities.

(d) A sensitive receptor is a person in the population who is particularly susceptible to health effects due to exposure to an air contamination. Sensitive receptor land uses include, schools, child-care centers, playgrounds, hospitals, retirement homes, and single/multi-family residential. The project is located in a transitional area between commercial uses to the west and a single-family residential neighborhood to the east which under normal operations do not produce levels of air contamination that would affect sensitive receptors. Dust and heavy equipment emissions will occur during construction; however, the applicant will be required to comply with ICAPCD Regulation VIII to reduce the impact from construction activities from impacting nearby homes.

(e) The proposed project will allow the development of medium-density residential development. Uses that may generate any objectionable odors are prohibited in all residential areas and no noxious fumes or odors would result from construction or the operation residences.

3.7 Biological Resources

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES -- Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal,etc.) through direct removal, filling, Hydrological interruption, or other means?	☐	☐	☐	☒
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒
Explanation:				

(a) The Programmatic Environmental Impact Report for the El Centro General Plan Update (2021) assessed the potential impacts to fish and wildlife species within the El Centro city limits and within the sphere of influence. The western burrowing owl is the one species identified in the document with potential to have habitat within portions of the city of El Centro and the surrounding areas. Specifically, the western burrowing owl has adapted to frequently use highly cultivated and disturbed areas such as agricultural lands. Because the project site consists area developed for residential uses, has not been used for agricultural uses since at least 1971, nor are there adjacent areas or property in the vicinity with the potential of habitat, there would be no impacts to any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.

(b-f) The project site consists of vacant land within an urbanized area and devoid of any vegetation, bodies of water or wildlife corridors that could sustain wildlife or lead to the establishment thereof. Thus, the proposed project will not have a substantial adverse effect on any riparian habitat, or a substantially adverse effect on federally protected wetlands, or interfere with the movement of any native resident or migratory fish or wildlife species. Therefore, no impacts to biological resources would result from the proposed project.

3.8 Cultural Resources

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES -- Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	☐	☐	☐	☒
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☐	☐	☒
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	☒
d) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☐	☒

Explanation:

(a-d) The project site is mostly vacant aside from existing dilapidated wooden structures previously used for residential purposes. In the unlikely event of the discovery of human remains during construction, State law (Section 7050.5 of the Health and Safety Code, and Section 5097.94 of the Public Resources Code of the State of California) requires that there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until local authorities are notified and proper notification protocols followed.

3.9 Energy

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. Energy -- Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐
Explanation: (a-b) The proposed project involves the development of apartments. During construction there is negligible amounts of energy used to operate machinery necessary to build residential units. As required by State Law, the owner will be required to adhere to the current California Green Code and submit Title 24 Energy Calculations for building design. Title 24 Building Energy Efficiency Standards are designed to reduce wasteful and unnecessary energy consumption in newly constructed and existing buildings.				

3.10 Geology and Soils

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS -- Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:	☐	☐	☒	☐
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☐	☒

b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☒
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique Geologic feature?	☐	☐	☐	☒

Explanation:

(a-f) The project is located in Imperial County, a seismically active area of southern California. Several faults are within the vicinity of the City; however, no faults or faults zones are located within the City limits per fault zone maps provided by the California Department of Conservation. Because the City is located in the seismically active Imperial Valley, the City is considered likely to be subjected to moderate to strong ground motion from earthquakes in the region, especially from earthquakes along the Imperial, Brawley, and Superstition Hills faults. Ground motions are dependent primarily on the earthquake magnitude and distance to the rupture zone. Acceleration magnitudes are also dependent upon attenuation by rock and soil deposits, direction or rupture, and type of fault. Liquefaction generally occurs when granular soil below the water table is subjected to vibratory motions, such as those produced by earthquakes. As a result, ground motions and liquefaction may vary considerably in the same general area. The proposed project will require implementation of project design measures and adherence to the California Building Code. Implementation of these design and building techniques would reduce the impacts to a level that is less than significant. The proposed project site is not located on an unstable geologic unit. The proposed project would not induce geologic or soil instability on or offsite. A geology and soils study shall be prepared with a clear identification of site-specific measure to ensure geotechnical stability and submitted as part of the building permit process.

3.11 Greenhouse Gas Emissions

Issues:	Potentially Significant Impact	Less Than	Less Than	No Impact

		Significant with Mitigation Incorporated	Significant Impact	
VIII. GREENHOUSE GAS EMISSIONS -- Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐
(a,b) Increase greenhouse gas emissions from construction activities, electricity generation and additional vehicle trips will be less than significant. The proposed project would not generate significant greenhouse gas emissions that could significantly impact the environment. The project will also not conflict with any applicable plan, policy or regulation adopted for the purposes of reducing greenhouse gas emissions. This project is characteristic of infill development, being that the project site is within the City limits and may be services with existing infrastructure, and avoids extension of roadways, utilities that lead to greater greenhouse gas emissions. Additionally, the site is located within walking distance of several amenities such as schools, medical offices, shopping, and bus transit that would reduce the need to generate vehicle trips that emit greenhouse gas emissions in the atmosphere. Thus this project will generate a less than significant level of greenhouse gas emissions.				

3.12 Hazards and Hazardous Materials

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	☒
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☐	☒
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials,	☐	☐	☐	☒

substances, or waste within one-quarter mile of an existing or proposed school?				
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

Explanation:

(a-c) The project will result in the residential development and will not use, transport or dispose hazardous materials. The proposed project is not within one quarter of a mile of a school.

(d) The site is not listed as a hazardous waste and substances site list on Geotracker.

(e) Imperial County Airport is located approximately 1.5 miles to the northwest of the project site. A Land Use Compatibility Plan has been established for the Imperial County Airport located 1.5 miles to the northwest of the project site. However, the project site is not within the plan area. The project will not result higher buildings than already allowed and will not result in a safety hazard for people living within the project area.

(f) The project does not involve a land use or activity that could interfere with emergency-evacuation plans for the area.

(g) The project site is located within an urbanized area, far removed from wildland areas.

3.13 Hydrology and Water Quality

Issues:	Potentially Significant Impact	Less Than	Less Than Significant Impact	No Impact

		Significant with Mitigation Incorporated		
X. HYDROLOGY AND WATER QUALITY -- Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☐	☒
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☒
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	☐	☐	☒	☐
i) Result in a substantial erosion or situation on- or off-site;	☐	☐	☒	☐
ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☒	☐
iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) Impede or redirect flood flows?	☐	☐	☐	☒
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐
Explanation: (a-b) The proposed amendment and rezoning will adhere to all applicable regulations regarding water discharge and water quality. The project would utilize City water services and would therefore not result in a net deficit of aquifer volume or a lowering of the water table.				

(c,e,f) The City of El Centro reviews qualifying projects for compliance with its stormwater, grading and the City's adopted Jurisdictional Runoff Management Plan to reduce pollutants from entering surface bodies of water and groundwater, creating significant amount of runoff from entering the City's stormwater collection system, or impacting neighboring properties as a result of storm runoff. Implementation of City storm water requirements and regulations will result in in a less than significant impact resulting from surface runoff.

(d) The site is not located in a flood hazard area as identified by FEMA.

3.14 Land Use Planning

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING - Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

Explanation:

(a) The proposed project will not physically divide an established community. The project will result in the construction of new housing on vacant land within a residential neighborhood.

(b) The proposed project will change the zone from R1 (Low Density Residential) to R3 (Multiple Family Residential) of 0.5 acres of vacant land for the purposes of constructing two (2) apartment buildings that will house 56 apartment units which are permitted in the R3 zone. Land uses surrounding the property consist of single-family homes and a self-storage facility. Development standards require appropriate measures to protect different land uses, such as the installation of block walls. Concurrently an amendment to the General Plan will also be processed to modify the land use map to be consistent with the new zoning designation.

3.15 Mineral Resources

XII. MINERAL RESOURCES -- Would the project:				
Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	☐	☐	☐	☒

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒
Explanation: (a,b) The project site is within an urban area and is not identified in the General Plan as having any known mineral resource value or as being located within any mineral resource recovery site.				

3.16 Noise

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NOISE Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Explanation:

(a-b) The proposed project will involve construction of two (2) apartment buildings that will house fifty-six (56) apartment units resulting in temporary increase of noise and groundborne vibration levels in the area. Noise levels during the construction may temporary exceed noise levels as established in the Noise Element of the General Plan, however they shall be required to meet noise City requirements for the operation of construction equipment. Noise generated at the project site will be within noise levels for residential areas.

(c) The project site is not located within an airport land use plan and as such exposure to residents at the project site from aircraft noise will be less than significant.

3.17 Population and Housing

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V. POPULATION AND HOUSING – Would the project:				
	☐	☐	☐	☒

a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☒	☐
Explanation: (a) The proposed project will result in the construction of fifty-six (56) new dwelling units. Estimates from the US Census, estimates an average household size of 3.27 persons per households. Using this data, it is estimated that that the project will house one hundred and eighty-four (184) persons, resulting a less than significant population growth. (b) The project will construction residential dwellings on vacant land and will not result in the displacement of housing or people.				

3.18 Public Services

XV. PUBLIC SERVICES				
Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?	☐	☐	☒	☐
Police protection?	☐	☐	☒	☐
Schools?	☐	☐	☒	☐
Parks?	☐	☐	☒	☐
Other public facilities?	☐	☐	☒	☐
Explanation:				

(a) The City of El Centro Fire Department (ECFD) provides service within the City Limits. Additionally, ECFD responds to mutual aids throughout the Imperial Valley and the State when requested through mutual aid agreements with Imperial Valley Fire Departments and the State of California. The ECFD has three (3) stations staffed on a 24-hour basis to serve the public as follows: Station #1 is located at 775 State Street, Station #2 is located at 900 S. Dogwood Avenue, and Station #3 is located at 1910 N. Waterman Avenue. The Fire Department logged an average response time of approximately 4 to 6 minutes for emergency calls and 10 to 15 minutes for non-emergency calls. It is not anticipated that the construction of fifty-six (56) dwelling units will result in substantial adverse physical impacts to fire facilities. The project site is adjacent to El Centro Fire Station #3 and would be served by this station.

The City of El Centro Police Department (ECPD) is the primary law enforcement agency that serves the citizens of the City and land within the City boundaries. The Police Department has a main police station, located at 150 N. 11th Street. The City of El Centro has a total of 54 sworn officers, employs 28 non-sworn personnel and has an average emergency response time of 7-10 minutes. The construction of fifty-six (56) dwelling units will not significantly increase the demand of police protection and will not require the construction of new police facilities.

The project may generate additional demand to schools, parks or other public facilities however it will not significantly increase the demand of public facilities. Furthermore, new development will be subject to development impact fees to mitigate increases for demand of schools, parks, fire protection, police projection, and administrative facilities. This will result in a less than significant impact to public services.

3.19 Recreation

XVI. RECREATION. --				
Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒
Explanation: (a, b) The project will slightly increase the use of existing neighborhood and regional parks or other recreational facilities, however not to a level that would lead to substantial physical deterioration of recreational facilities as the proposed project will not induce a significant increase in the population. Prior to issuance of a building permit, development impact fees for parks will have to be paid to offset increase park and recreational facility use. The proposed project will not induce population growth to a degree large enough that would require the expansion of recreational facilities that would have an adverse effect on the environment.				

3.20 Transportation

XVII. TRANSPORTATION-- Would the project:				
Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐

b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☒
d) Result in inadequate emergency access?	☐	☐	☐	☒

Explanation:

A local mobility analysis (LMA) was prepared for the project in March 2025. The LMA followed the City's Traffic Study Guidelines that addresses compatibility with circulation plans, vehicle miles travelled (VMT) analysis, and hazardous condition resulting from congestion. The LMA analyzed Pico Avenue intersections with Imperial Avenue (SR-86), the project driveways, and 12th Street and concluded that they shall continue to operate under an acceptable LOS under future project conditions. Furthermore, the project related traffic does not indicate the need for roadway improvements within the project area.

(a) The project does not conflict with the City of El Centro Mobility Element or any applicable circulation system policies. The LMA concludes that all study area intersections will operate at LOS C or better under existing and future conditions, including with project traffic. While the project area lacks existing bicycle facilities, the City's Mobility Element identifies planned Class III and Class IV bikeways on Pico Avenue, N. 12th Street, and Imperial Avenue. The project will also install sidewalks along its Pico Avenue frontage, supporting pedestrian circulation.

(b) The site is located in an area where Vehicle Miles Traveled (VMT) per capita is within the 50%–85% range of the regional mean, as defined in the City's VMT Screening Map. Based on the City's thresholds, the project is presumed to have a less than significant impact on VMT.

(c)The proposed project does not propose any hazardous design features or uses that would be incompatible with the surrounding transit.

(d) The proposed project would construct two residential driveways that would and provide adequate interior vehicle circulation for emergency vehicle access.

3.21 Tribal Cultural Resources

XVIII. TRIBAL CULTURAL RESOURCES -- Would the project:				
Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code § 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American Tribe, and that is:	☐	☐	☒	☐
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020. 1(k), or	☐	☐	☐	☒
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code § 5024.1, the lead agency shall consider the significance of the resource to a California Native American Tribe.	☐	☐	☐	☒

Explanation:

(a) The project site is not listed in the California Register of Historical Resources or in a local register of historical resources. Pursuant to SB18 and AB52, the 14 tribes included in the consult list provided by the Native American Heritage Commission. To date, staff has not received comments from any tribe. In addition, this site has been previously developed with homes. While it is unlikely that there are going to be any resources on site, should any be uncovered during construction, the developer shall stop construction and contact City Staff for additional instruction. Staff will immediately contact all tribes.

3.22 Utilities and Service Systems

XIX. UTILITIES AND SERVICE SYSTEMS. Would the project:				
Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☐	☒
c) Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the projects projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒
d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☐	☒
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒

Explanation:

(a) The El Centro Wastewater Treatment Plant (WWTP) has the capacity to accommodate 8.0 million gallons of wastewater per day. The treatment plant would be able to treat additional wastewater as it has sufficient capacity. The project site is connected to the City's sewer system. The project would result in the construction of 56 new dwelling units and require paying applicable wastewater capacity fees to offset impacts from the increase wastewater generated. During the public review period staff received comments from the Imperial Irrigation District(IID) that electrical capacity is limited in the Project Area. During the electrical service connection phase the IID will formally review the project which may require a circuit study. Upgrades, including but not limited to new, relocations, modification or reconstruction, to infrastructure may be needed. If this is the case it will also require appropriately deeded rights-of-way and easements.

(b) The proposed project will not require or result in the construction of water or wastewater treatment facilities. As such, there will no environmental impacts due to the construction of water and wastewater treatment facilities. Both, water and wastewater treatment facilities have the capacity to continue to serve the project.

(c) The project will not require the construction of new storm water facilities. Thus, there will be no impact to storm drain facilities.

(d) The City of El Centro Water Treatment Plant (WTP) is permitted through the State Department of Public Health and has a capacity of 14 million gallons per day and has the available capacity to serve the project site. The City of El Centro receives raw water from the Imperial Irrigation District and treats the raw water for consumption for use by its customers. The City of El Centro has sufficient water supplies available to serve the project from existing entitlements and resources and no new or expanded entitlements are needed to serve the site.

(e) The current solid waste service provider is CR&R Waste Services, who has sufficient landfill capacity to serve the project site. The City of El Centro has renewed its contract with CR&R through 2032. Any future development at the site must comply with all applicable federal, state and local statutes and regulations pertaining to solid waste.

3.23 Wildfire

XX. WILDFIRE. -- If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

Issues:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

Explanation:

(a- d) This location is not located in or near state responsibility areas or lands classified as very high fire hazard severity zones.

3.24 Mandatory Findings of Significance

XXI. MANDATORY FINDINGS OF SIGNIFICANCE. --				
Issues:	**Potentially Significant Impact**	Less Than **Significant with Mitigation Incorporated**	Less Than **Significant Impact**	No **Impact**
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	☐	☒
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☐	☐	☒
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☐	☒

Explanation:

(a-c) The project will result in the development fifty-six (60) dwelling units within 2.39 acres of vacant and previously disturbed land. The project will result in an increase in traffic generated up to 434 new trips per day, however conditions studies along nearby intersections remain to operate under an acceptable level of service. In addition, the project is located in a VMT efficient area which complies with the City of El Centro adopted Transportation Study Guidelines. Overall, the proposal will not have a significant impact on the environment as project will result in a minimal development on vacant property in a developed area within the City Limits of El Centro. While existing electrical capacity in the area is limited, any proposed improvements are not significant and would be subject to the requirements of the Imperial Irrigation District.

FINDINGS

The environmental analysis of this Initial Study indicates that the proposed project would not have the potential for significant adverse environmental impacts. The following findings can be made regarding the mandatory findings of significance set forth in Section 15065 of the CEQA Guidelines, as based on the results of this environmental assessment:

- The proposed project would not have the potential to degrade the quality of the environment and would not reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory.
- The proposed project would not have the potential to achieve short-term goals at the expense of long-term environmental goals.
- The proposed project would not have immitigable environmental impacts, which are individually limited but cumulatively considerable, when considering planned or proposed development in the immediate vicinity of the site. The proposed project would not cumulatively lead to significant adverse impacts that cannot be mitigated to a level of less than significance, when added to proposed, planned, or anticipated development in the area.
- The proposed project would not have environmental impacts, which may have adverse effects on humans, either directly or indirectly.
- The City of El Centro has determined that the proposed project would not have significant adverse impacts on the environment and no additional environmental analysis. The City of El Centro intends to adopt a Negative Declaration for proposed Change of Zone 22-05 and General Plan Amendment 22-05.

4.0 Document Preparers and References

4.1 Document Preparers

City of El Centro

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Andrea Montaño.....Associate Planner

Linscott, Law, & Greenspan, Engineers

John Boarman, P.E. .....Transportation
Alejandra Alonso.....Transportation
Jose Nuñez .....Transportation

4.2 Source References

The following is a list of references used in the preparation of this environmental document. Unless attached herein, copies of all referenced reports, memorandums and letters are on file with the City of El Centro Community Development Department – Planning & Zoning Division. References to Publications prepared by Federal or State agencies may be found with the agency responsible for providing such information.

California Building Code, based on 2022 IBC

City of El Centro General Plan, adopted June 2021.

City of El Centro General Plan Update – Programmatic Environmental Impact Report, adopted June 2021.

City of El Centro Traffic Study Guidelines, adopted June 2022.

City of El Centro Zoning Code, adopted June 2021.

County of Imperial. GIS Map Data. Retrieved from <new.geoviewer.io> on May 1, 2023.

Imperial County Air Pollution Control District Rules and Regulations, revised October 20, 2012.

Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey of Imperial County, California: Imperial Valley Area .1981.

Linscott, Law, & Greenspan Engineers, Local Mobility Analysis 1274 Pico Avenue El Centro, California, March 17, 2025

City of El Centro Housing Element, adopted March 2022.

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San Diego

LOCAL MOBILITY ANALYSIS

1274 PICO AVENUE

El Centro, California
March 17, 2025

LLG Ref. 3-25-4026

Prepared by:
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Transportation Engineer II
&
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Transportation Planner II

Under the Supervision of:
John Boarman, P.E.
Principal

TABLE OF CONTENTS

SECTION		PAGE
1.0	**Introduction**	**1**
2.0	**Project Description**	**2**
3.0	**Existing Conditions**	**6**
3.1	Existing Transportation Network	6
3.2	Existing Traffic Volumes	6
4.0	**Study Area Selection and Analysis Methodology**	**9**
4.1	Study Area Selection	9
4.2	Analysis Methodology	9
5.0	**Substantial Traffic Effects**	**10**
6.0	**Analysis of Existing Conditions**	**11**
6.1	Peak Hour Intersection Operations	11
7.0	**Trip Generation/Distribution/Assignment**	**13**
7.1	Project Trip Generation	13
7.2	Project Trip Distribution/Assignment	13
8.0	**Cumulative Traffic**	**16**
9.0	**Analysis of Opening Year (Year 2028) Scenarios**	**18**
9.1	Opening Year (Year 2028) without Project	18
9.1.1	Peak Hour Intersection Operations	18
9.2	Opening Year (Year 2028) + Project	18
9.2.1	Peak Hour Intersection Operations	18
10.0	**Site Access Discussion**	**22**
11.0	**N. 12th Street Extension**	**23**
12.0	**Active Transportation Review**	**24**
12.1	Pedestrian Network	24
12.2	Bicycle Network	24
12.3	Transit Network	24
13.0	**VMT Assessment**	**26**
14.0	**Conclusions**	**27**

14.1 LMA Summary 27
14.1.1 Roadway Improvements 27
14.1.2 Active Transportation 27
14.2 VMT Summary 27

APPENDICES

APPENDIX

A. Intersection Manual Count Sheets
B. Intersection Analysis Worksheets
C. Cumulative Projects Location Map
D. N. 12th Street Extension
E. Bus Route Schedule
F. VMT per Capita

LIST OF FIGURES

SECTION—FIGURE #		FOLLOWING PAGE
Figure 2–1	Vicinity Map	3
Figure 2–2	Project Area Map	4
Figure 2–3	Site Plan	5
Figure 3–1	Existing Conditions Diagram	7
Figure 3–2	Existing Traffic Volumes	8
Figure 7–1	Project Traffic Distribution	14
Figure 7–2	Project Traffic Volumes	15
Figure 8–1	Cumulative Traffic Volumes	17
Figure 9–1	Opening Year (Year 2028) without Project Traffic Volumes	20
Figure 9–2	Opening Year (Year 2028) + Project Traffic Volumes	21

LIST OF TABLES

SECTION—TABLE #		PAGE
Table 5–1	Threshold for Determining a Project's Substantial Traffic Effect	10
Table 6–1	Existing Intersection Operations	12
Table 7 –1	Project Trip Generation	13
Table 8–1	Cumulative Projects	16
Table 9–1	Opening Year (Year 2028) Intersection Operations	19

LOCAL MOBILITY ANALYSIS

1274 PICO AVENUE

El Centro, California
March 17, 2025

1.0 INTRODUCTION

Linscott, Law & Greenspan, Engineers (LLG) has prepared this Local Mobility Analysis (LMA) to assess the potential impacts to the street system as a result of the proposed 1274 Pico Avenue project (hereafter referred to as the "Project"). The Project proposes to develop 56 multi-family apartments along the north side of Pico Avenue between N. Imperial Avenue and N. 12th Street in the City of El Centro.

Transportation impact analyses within the City of El Centro include two sets of requirements.

- **CEQA Analysis**, consisting of Vehicles Miles Traveled (VMT) analysis.
- **Non-CEQA Local Mobility Analysis** to evaluate the operational effects of a development project on the circulation network.

The transportation analysis presented in this report includes the following:

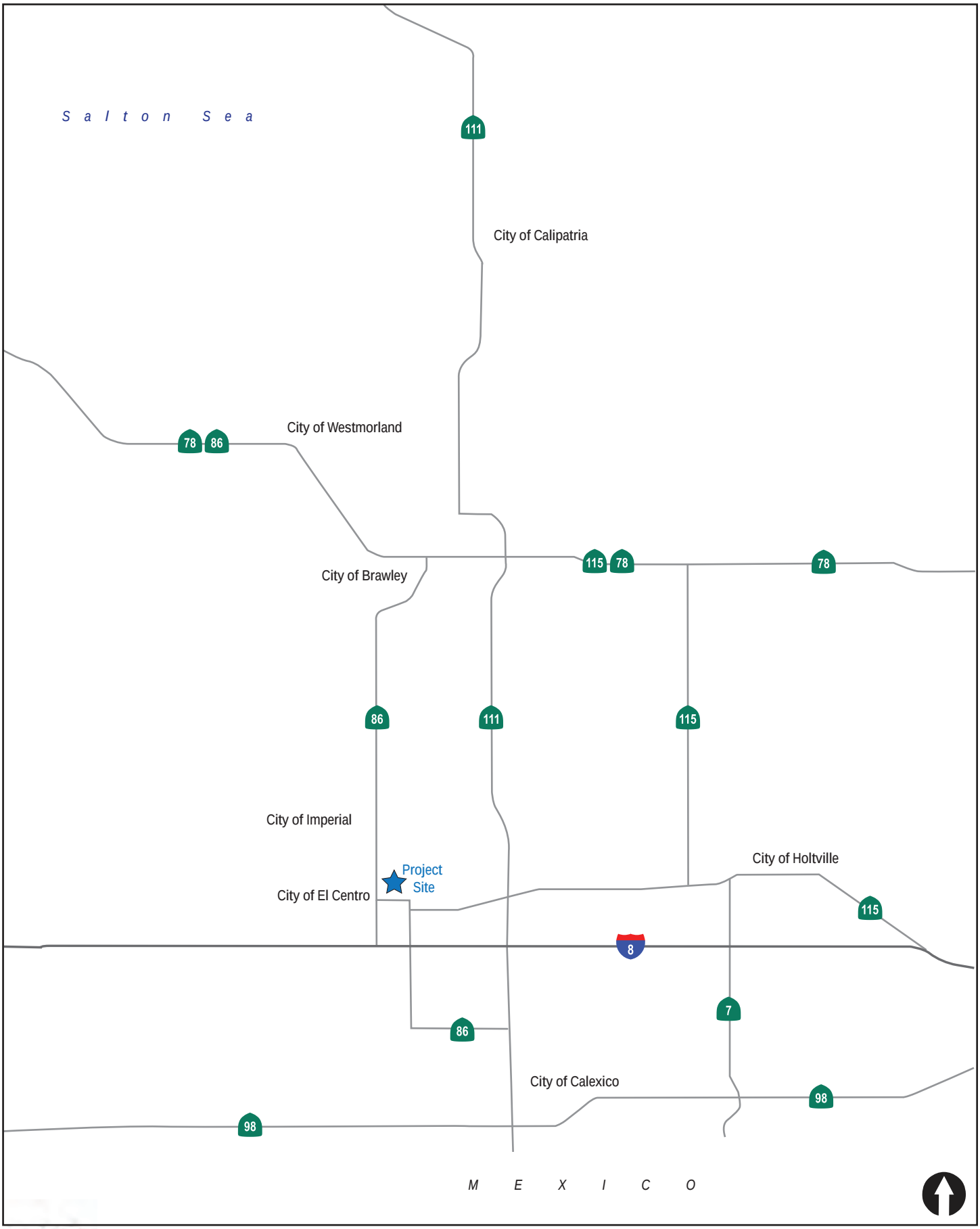
- Project Description
- Existing Conditions
- Study Area Selection and Analysis Methodology
- Substantial Traffic Effects
- Analysis of Existing Conditions
- Trip Generation, Distribution, and Assignment
- Cumulative Traffic
- Analysis of Opening Year Scenarios
- Site Access Discussion
- N. 12th Street Extension
- Active Transportation Review
- VMT Assessment
- Conclusions

2.0 PROJECT DESCRIPTION

The Project site is located at 1274 Pico Avenue in the City of El Centro. The site is bounded by Pico Avenue to the south, residential housing to the east and a storage building to the west. ***Figure 2–1*** shows the Project vicinity. ***Figure 2–2*** shows a more detailed Project Area Map.

The Project proposes to construct (2) two story buildings with 56 dwelling units including patio spaces, laundry facilities and an office. Each building will include (20) two-bedroom units and (8) three-bedroom units. The Project will provide 108 parking stalls (82 regular and 26 compact spaces). Access to the site is via one driveway on Pico Avenue.

Figure 2–3 shows the Project Site Plan.

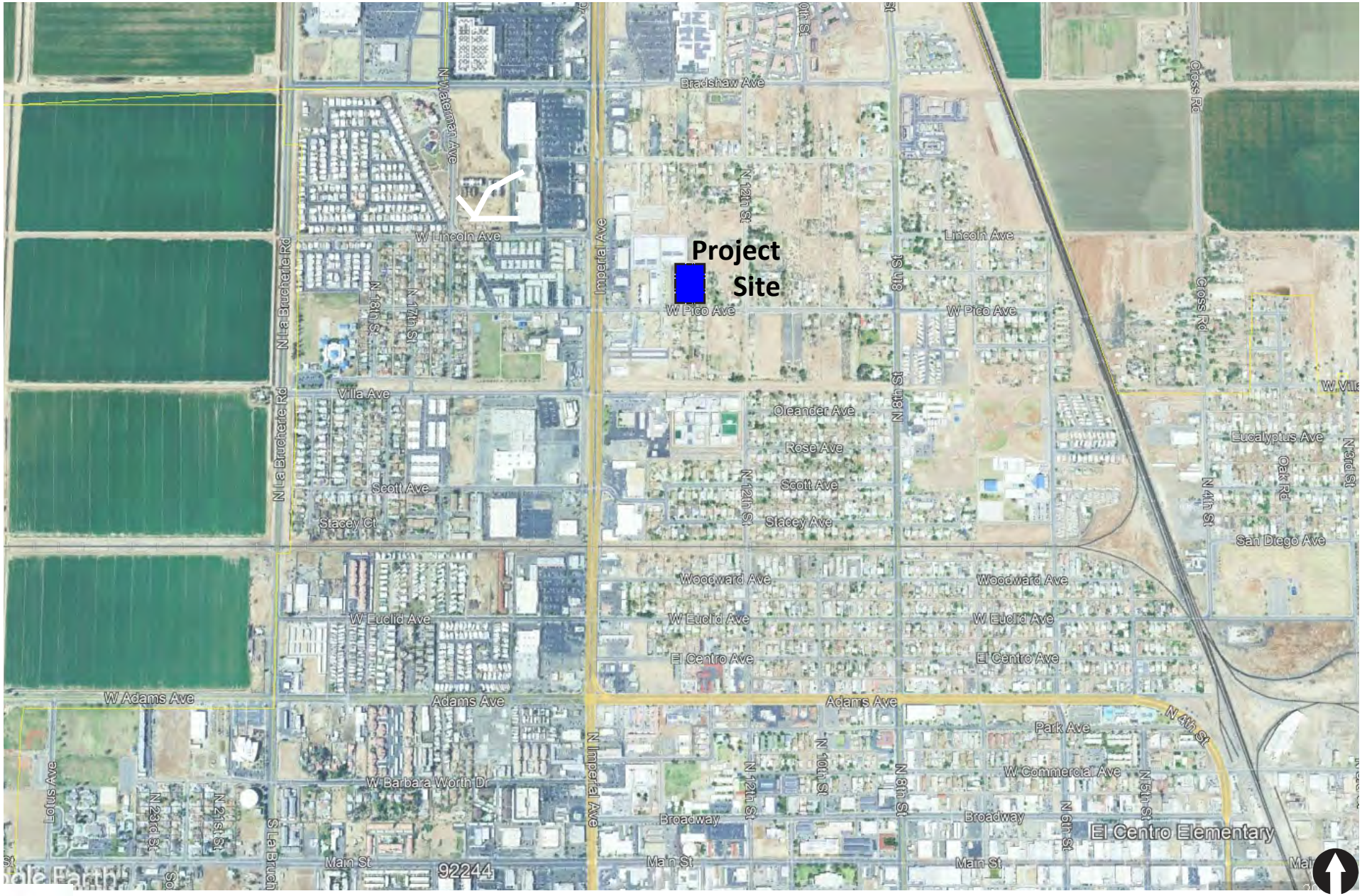


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Figure 2-1

Vicinity Map

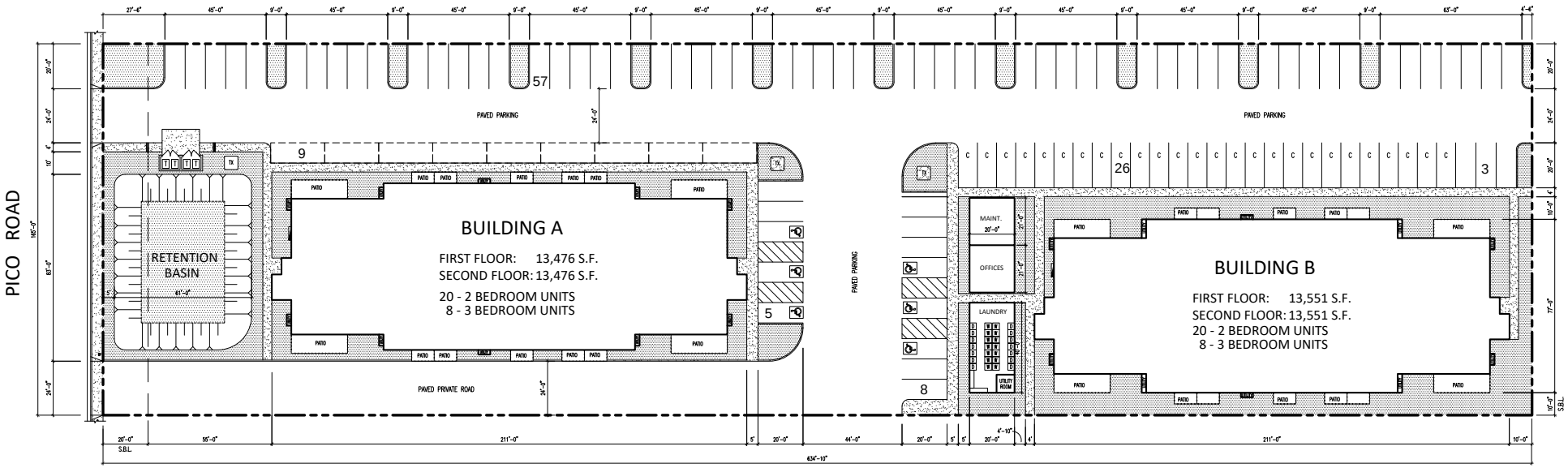


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Figure 2-2

Project Area Map



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Figure 2-3

Site Plan

3.0 EXISTING CONDITIONS

3.1 Existing Transportation Network

The following is a description of the existing street network in the study area.

N. Imperial Avenue is classified as a six-lane Arterial in the *City of El Centro Mobility Element*. N. Imperial Avenue is currently constructed as a four-lane divided roadway with a raised median within the study area. There are no sidewalks or bicycle lanes provided on either side of the roadway. The speed limit is 45 mph.

Pico Avenue is classified as a two-lane Collector in the *City of El Centro Mobility Element*. Pico Avenue is currently constructed as a two-lane undivided roadway within the study area. There are no bicycle facilities provided on Pico Avenue. Sidewalks and curbside parking are provided on both sides of the roadway. The speed limit is 25 mph.

N. 12th Street is an unclassified roadway in the *City of El Centro Mobility Element*. N. 12th Street is currently constructed as a two-lane undivided roadway within the study area. Bicycle facilities are not provided. Sidewalks and curbside parking are provided along both sides of the roadway. The speed limit is 25 mph.

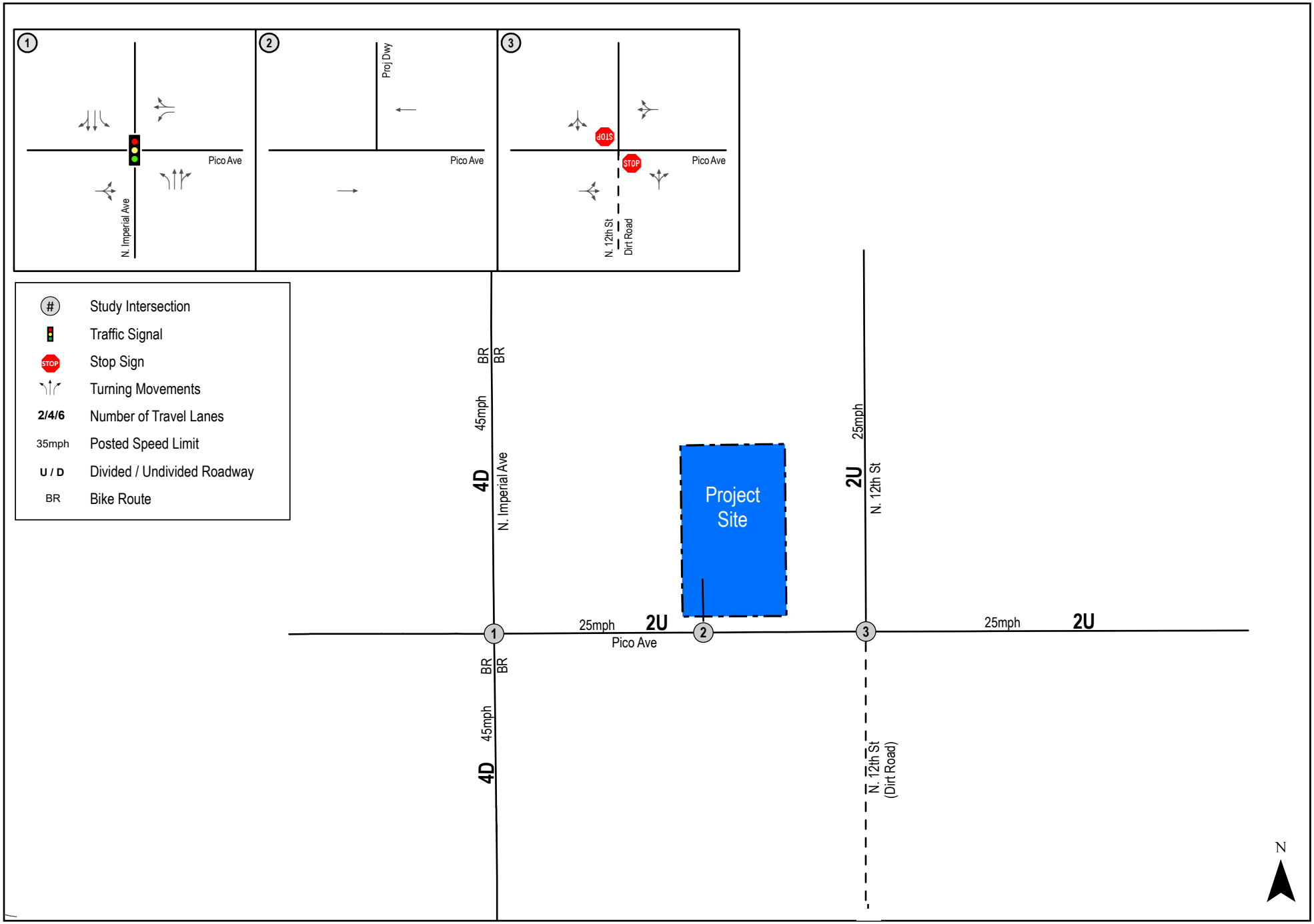
It should be noted that under existing conditions, N. 12th Street is currently an unpaved roadway south of Pico Avenue. This extension of N. 12th Street is planned to be paved and open to traffic prior to Opening Day of the project. Section 11.0 of this report provides more details.

Figure 3–1 shows an existing conditions diagram, including traffic control type and lane configurations.

3.2 Existing Traffic Volumes

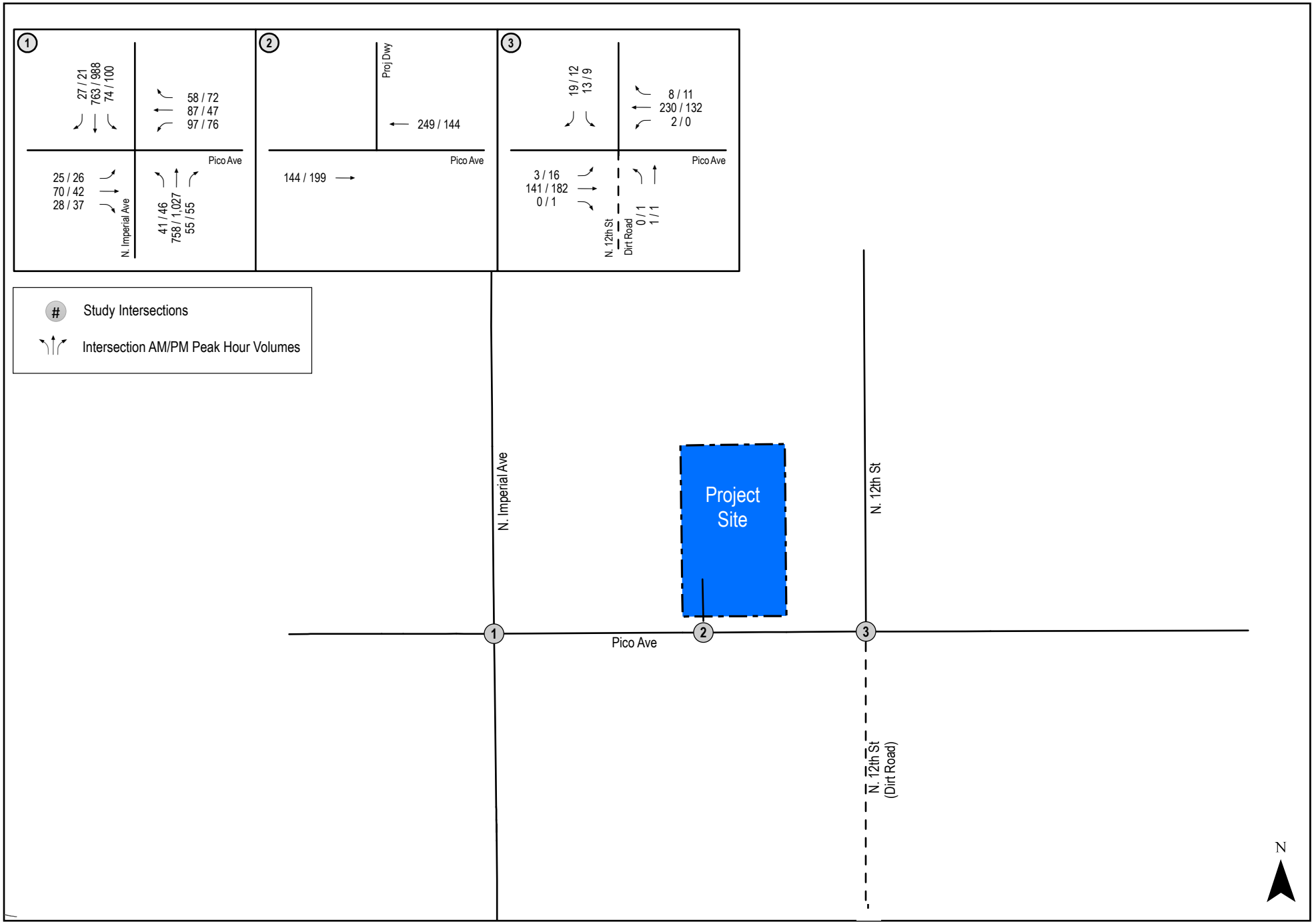
Peak hour intersection turning movement counts were conducted on Wednesday, February 19, 2025, while schools in the area were in session.

Figure 3–2 shows the Existing Traffic Volumes. ***Appendix A*** contains the manual count sheets.



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Figure 3-1
Existing Conditions Diagram



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Figure 3-2
Existing Traffic Volumes

4.0 STUDY AREA SELECTION AND ANALYSIS METHODOLOGY

4.1 Study Area Selection

Effective evaluation of the traffic impacts associated with the proposed Project requires an understanding of the existing transportation system within the Project area.

The study area includes the following intersections and street segments:

INTERSECTIONS

1. N. Imperial Avenue / Pico Avenue
2. Pico Avenue / Project Driveway
3. Pico Avenue / N. 12th Street

4.2 Analysis Methodology

An LMA focuses on automobile delay and Level of Service (LOS). The LOS analysis was conducted to identify Project effects on the roadway operations in the Project study area and to recommend Project improvements to address any deficiencies. The required study scenarios and scope of the LMA varies depending on the type of project and the total number of daily trips the Project is anticipated to generate. Per the City's LMA guidelines, the following scenarios were evaluated:

- Existing
- Opening Year without Project
- Opening Year + Project

LOS is the term used to denote the different operating conditions which occur on a given roadway segment under various traffic volume loads. It is a qualitative measure used to describe a quantitative analysis taking into account factors such as roadway geometries, signal phasing, speed, travel delay, freedom to maneuver, and safety. LOS provides an index to the operational qualities of a roadway segment or an intersection. LOS designations range from A to F, with LOS A representing the best operating conditions and LOS F representing the worst operating conditions. LOS designation is reported differently for signalized and unsignalized intersections, as well as for roadway segments.

Appendix B contains the intersection analysis worksheets.

5.0 SUBSTANTIAL TRAFFIC EFFECTS

Project specific traffic effects are those effects for which the addition of Project trips result in an identifiable degradation in LOS on intersections or street segments, triggering the need for specific Project-related improvement strategies.

Table 5–1 shows the criteria for determining whether the Project results in substantial traffic effects on intersections or street segments in the City of El Centro.

TABLE 5–1
THRESHOLD FOR DETERMINING A PROJECT'S SUBSTANTIAL TRAFFIC EFFECT

Facility	Facility Type	Substantial Traffic Effect
Roadway	Segment	▪ Proposed project causes roadway capacity to degrade to LOS D or below. The Proposed Project shall build a roadway segment to its ultimate mobility element classification if not currently constructed as such.
Traffic Signal	Intersection	▪ Proposed project adds traffic to an intersection that currently operates or is projected to operate at LOS D or below. ▪ Proposed project causes an intersection's operations to degrade to LOS D or below.
All-Way Stop Control	Intersection	▪ Proposed project contributes to an intersection that currently operates, or is projected to operate, at LOS D or below. ▪ Proposed project causes the intersection's operations to LOS D or below during one or more peak hours.
Side-Street Stop Control	Critical Movement	▪ Proposed project contributes to a critical movement of an intersection that currently operates, or is projected to operate, at LOS D or below.

General Note:

1. Information obtained from *Table 4.2* of the *City of El Centro Transportation Study Guidelines (dated June 2022).*

6.0 ANALYSIS OF EXISTING CONDITIONS

6.1 Peak Hour Intersection Operations

Table 6–1 summarizes the Existing peak hour intersection operations. As shown in *Table 6–1*, all the study area intersections are calculated to currently operate at LOS C or better during both the AM and PM peak hours.

TABLE 6–1
EXISTING INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing	
			Delay[a]	**LOS**[b]
1. N. Imperial Avenue / Pico Avenue	Signal	AM PM	29.2 21.9	C C
2. Pico Avenue / Project Driveway	MSSC[c]	AM PM	*DNE*[e] *DNE*	— —
3. Pico Avenue / N. 12th Street	TWSC[d]	AM PM	14.1 12.0	B B

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. MSSC – Minor Stop Street Controlled intersection. Minor street left turn delay is reported.
d. TWSC – Two-Way Stop Controlled intersection.
e. DNE = Does not exist.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

7.0 TRIP GENERATION/DISTRIBUTION/ASSIGNMENT

The following is a discussion of the Project trip generation calculations and the Project traffic distribution and assignment through the local network.

7.1 Project Trip Generation

As described in *Section 2.0*, the Project proposes to construct 56 multifamily apartments. Based on the *Institute of Transportation Engineers (ITE) Trip Generation Manual, 11th Edition*, the trip rates used to calculate the traffic generated by the proposed Project is the multifamily housing (low rise) land use (land use code 220). ***Table 7–1*** shows the Project trip generation. As shown in *Table 7–1*, the Project is calculated to generate 434 Average Daily Traffic (ADT), with 40 trips during the AM peak hour (10 inbound and 30 outbound), and 45 trips during the PM peak hour (28 inbound and 17 outbound).

TABLE 7 –1
PROJECT TRIP GENERATION

Land Use	Size	Daily Trip Ends (ADTs)		AM Peak Hour					PM Peak Hour				
		Rate [a]	Volume	Rate [a]	In:Out Split [a]	Volume			Rate [a]	In:Out Split	Volume		
						In	Out	Total			In	Out	Total
Apartments [b]	56 DU	[c]	434	[d]	26:74	10	30	40	[e]	63:37	28	17	45

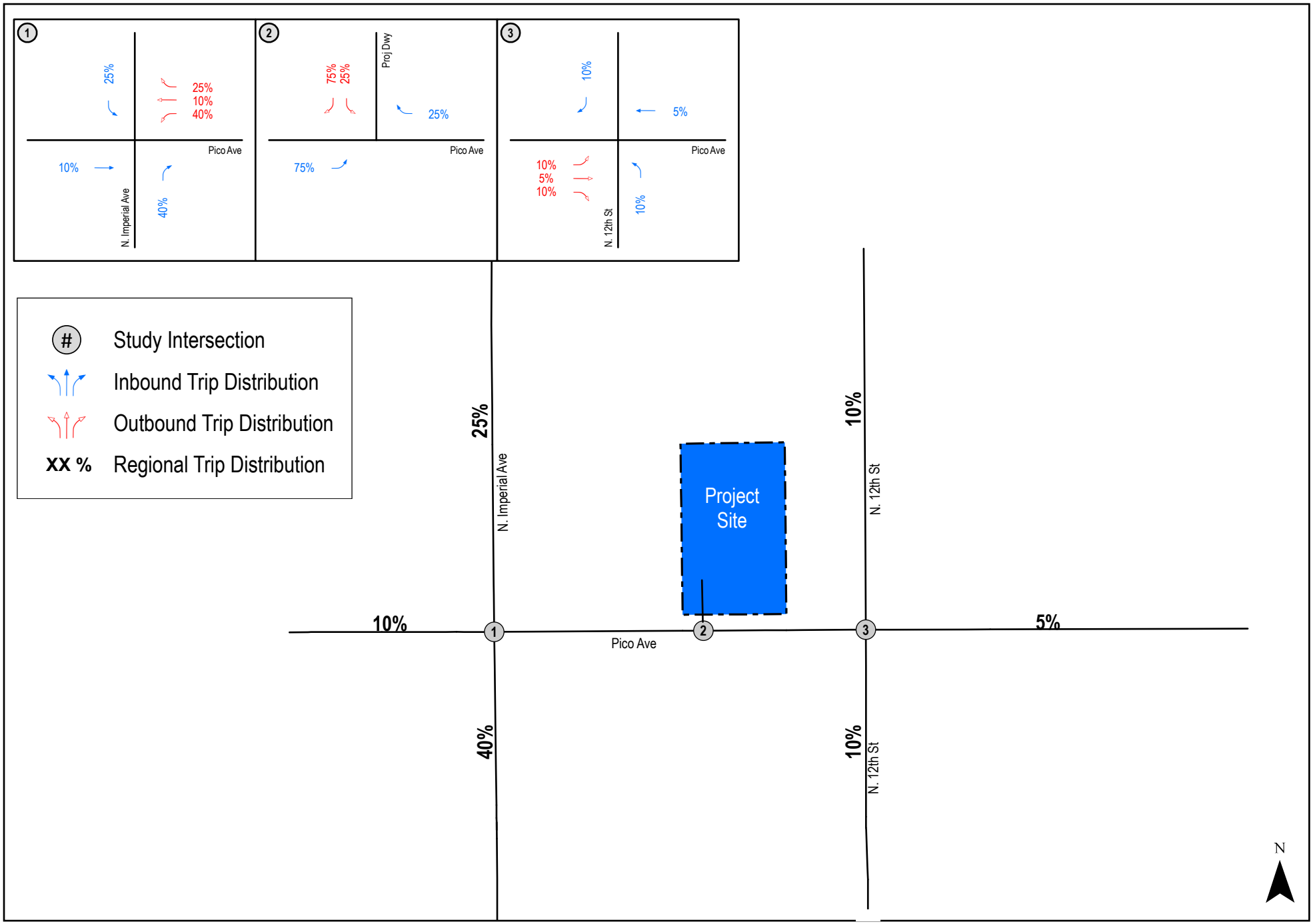
Footnotes:

a. Rates are based on *ITE Trip Generation Manual, 11th Edition*.
b. Rates are based on ITE Land Use Code 220 – Multifamily Housing (Low Rise).
c. Calculated via the fitted curve equation: T= 6.41(X) + 75.31
d. Calculated via the fitted curve equation: T= 0.31(X) + 22.85
e. Calculated via the fitted curve equation: T=0.43(X) + 22.55

7.2 Project Trip Distribution/Assignment

The Project traffic was distributed based on the site location, the proximity of the Project to Imperial Avenue, surrounding roadways, existing traffic patterns in the area and anticipated traffic routes to and from the site. The Project's traffic distribution assumes 75% of trips oriented to/from the west of the project driveway and 25% of trips oriented to/from east of the project driveway.

Figure 7–1 shows the Project traffic distribution. ***Figure 7–2*** shows the Project traffic volumes.


1
25%
25%
10%
40%
Pico Ave
10%
N. Imperial Ave
40%
2
75%
25%
Proj Dwy
25%
Pico Ave
75%
3
10%
5%
Pico Ave
10%
5%
10%
N. 12th St
10%
Study Intersection
Inbound Trip Distribution
Outbound Trip Distribution
XX % Regional Trip Distribution
25%
N. Imperial Ave
10%
N. 12th St
Project Site
10%
1
2
3
5%
Pico Ave
40%
10%
N. 12th St
N



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Figure 7-2
Project Traffic Volumes

8.0 CUMULATIVE TRAFFIC

Cumulative projects are other projects in the study area that will add traffic to the local circulation system in the near future. LLG was provided with a list of projects within a 1-mile radius of the project site by the City of El Centro staff which is shown in ***Table 8-1***. These projects are located north of the site and upon review, LLG determined that it was most appropriate to account for future near-term traffic using a growth factor.

Appendix C contains a map of the cumulative project's locations.

To forecast future traffic volume conditions, an interpolation was performed between the existing traffic volumes and Year 2040 traffic volumes from the *City of El Centro Mobility Element (dated June 2021)* to determine an appropriate growth rate. A growth rate of 2% per year for 3 years was applied to the Existing traffic volumes to obtain traffic volumes. The Year 2028 was chosen to be the Opening Year in order to be slightly conservative. Project traffic volumes were then added to obtain Opening Year (Year 2028) + Project traffic volumes.

Figure 8–1 shows the Cumulative Traffic Volumes.

TABLE 8–1
CUMULATIVE PROJECTS

Name/Location	Project Description	Status
Town Center *N. 8th St and Cruickshank Dr*	102 lot single-family subdivision	Planning Review
Town Center *Cruickshank Dr and 8th St*	2 self-storage buildings in 4.31	Planning Review
Town Center *Cruickshank Dr and 8th St*	34,200 SF of industrial warehouse	Planning Review Complete
Zadeh Self-Storage *N. 8th St and Dorian Ct*	104,375 SF of storage buildings	Planning Review Complete
Food 4 Less Gas Station *2420 Cottonwood Dr*	14 pump gas station	Planning Review Complete
Police Station *150 N. 11th St*	46,500 SF station	In Construction
Town Center Village IV *N. 8th and Bradshaw Ave*	180 unit apartment complex	In Construction
Walmart Gas Station *2420 Cottonwood Dr*	24 pump gas station	In Planning Review
Raising Canes *2299 N. Imperial Ave*	2,683 SF fast food restaurant	In Planning Review



N:\4026\Figure
Date: 3/13/2025

Figure 8-1
Cumulative Projects Traffic Volumes

9.0 ANALYSIS OF OPENING YEAR (YEAR 2028) SCENARIOS

The following section presents the analysis of study area intersections and street segments under Opening Year (Year 2028) conditions without and with Project.

Figure 9–1 shows the Opening Year (Year 2028) without Project traffic volumes. ***Figure 9–2*** shows the Opening Year (Year 2028) + Project traffic volumes.

9.1 Opening Year (Year 2028) without Project

9.1.1 *Peak Hour Intersection Operations*

Table 9–1 summarizes the Opening Year (Year 2028) without Project peak hour intersection operations. As shown in *Table 9–1*, all the study area intersections are calculated to operate at LOS C or better during both peak hours.

9.2 Opening Year (Year 2028) + Project

9.2.1 *Peak Hour Intersection Operations*

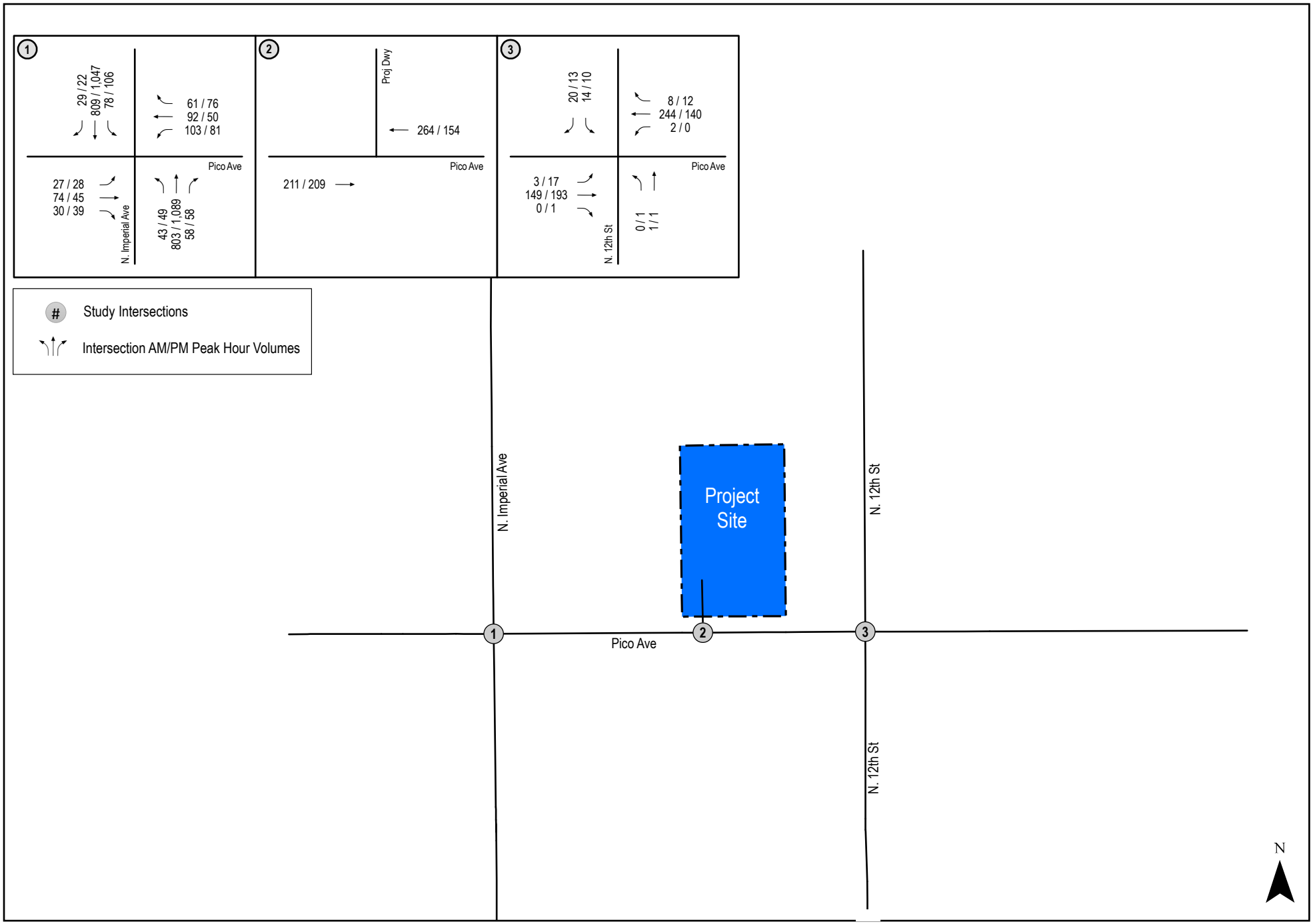
Table 9–1 summarizes the Opening Year (Year 2028) + Project peak hour intersection operations. As shown in *Table 9–1*, all the study area intersections are calculated to continue to operate at LOS C or better during both peak hours.

TABLE 9–1
OPENING YEAR (YEAR 2028) INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Opening Year (Year 2028)		Opening Year (Year 2028) + Project		Δ[c]	Substantial Effect?
			Delay[a]	LOS[b]	Delay[a]	LOS[b]		
1. N. Imperial Avenue / Pico Avenue	Signal	AM	32.9	C	34.9	C	2.0	No
		PM	24.8	C	26.4	C	1.6	No
2. Pico Avenue / Project Driveway	MSSC [d]	AM	—	—	10.6	B	—	No
		PM	—	—	9.8	A	—	No
3. Pico Avenue / N. 12th Street	TWSC [e]	AM	14.5	B	15.2	C	0.7	No
		PM	12.3	B	12.5	B	0.2	No

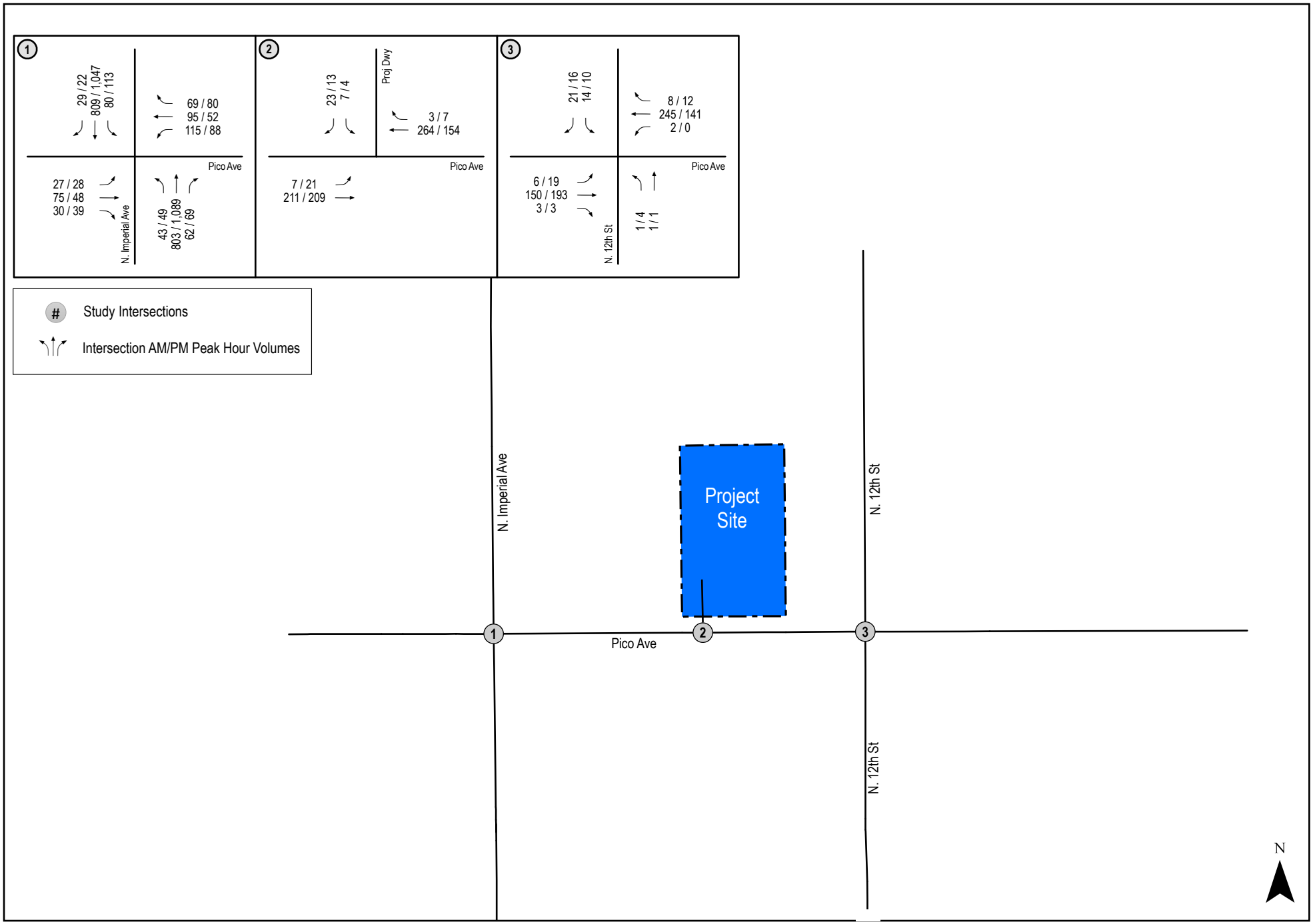
Footnotes:
a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes an increase in delay due to project.
d. MSSC – Minor Street Stop Controlled intersection.
e. TWSC – Two-Way Stop Controlled intersection.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F



N:\4026\Figure
Date: 3/14/2025

Figure 9-1
Opening Year (Year 2028) without Project Traffic Volumes



N:\4026\Figure
Date: 3/14/2025

Figure 9-2
Opening Year (Year 2028) + Project Traffic Volumes

10.0 SITE ACCESS DISCUSSION

Access to the Project site will be via one unsignalized driveway on Pico Avenue. As shown in *Table 9-1*, the Project Driveway / Pico Avenue intersection is calculated to operate at an acceptable LOS B or better during both peak hours under the Opening Year (Year 2028) without and with Project conditions. Therefore, the need for a left/right turn lane on Pico Avenue at the project driveway is not required.

11.0 N. 12TH STREET EXTENSION

N. 12th Street is not currently paved between Pico Avenue southward to Villa Avenue. The City proposes to build this portion of N. 12th Street to two (2) lane City standards. The plans are provided in ***Appendix D.*** The construction of N. 12th Street is expected to be done by the summer of 2026. For the purpose of this study, N. 12th Street is assumed to be completed before the project is built and therefore, project traffic was assumed to use N. 12th Street.

12.0 ACTIVE TRANSPORTATION REVIEW

12.1 Pedestrian Network

Sidewalks are proposed along the Project frontage on Pico Avenue and are currently provided on the following street segments within the study area:

- **Pico Avenue** – both sides of the roadway.
- **Imperial Avenue** – west side of the frontage road south of Lincoln Avenue.
- **N 12th St** – both sides of the roadway north of Pico Avenue.

The nearest signalized intersection is at the N Imperial Avenue / W Pico Avenue intersection. High visibility crosswalks and ADA curb ramps are provided on the east, south, and west legs of the signalized intersection.

Per the *City of El Centro Mobility Element*, there are no planned pedestrian improvements within the study area.

12.2 Bicycle Network

There are no bicycle facilities within the Project vicinity. Per the *City of El Centro Mobility Element*, Class IV bicycle lanes are planned on Imperial Avenue and Class III bike lanes are planned on Pico Avenue and N. 12th Street within the Project vicinity.

12.3 Transit Network

Transit service is provided to the area via Imperial Valley Transit. The bus routes serving the area are 2S, Green Line, and 3E and the bus stops are all located about ½ mile from the Project site. A description of the nearest transit service is as follows:

> **2S Bus** provides service to the area via Imperial Avenue, within the City of El Centro. The 2S operates between 6:00 AM and 10:20 PM on weekdays with headways of approximately 50 minutes. On Saturdays, the 2S operates between 6:20 AM and 7:45 PM with headways of approximately 90 minutes. On Sundays, the 2S operates between 7:15 AM and 3:50 PM with headways of approximately 150 minutes. The nearest bus stop is at the Frontage Road/Scott Avenue intersection.
>
> **Green Line** provides service to the area via both Frontage Road and 8th Street, within the City of El Centro. The Green Line operates between 7:10 AM and 5:30 PM on weekdays with headways of approximately 150 minutes. There are currently no services on weekends or holidays. The nearest bus stops are at the 8th Avenue/Pico Avenue intersection and Frontage Road/Scott Avenue intersection.

3E Bus provides bus service to the area via N. 12th Street, within the City of El Centro. The 3E Bus operates between 8:10 AM and 6:40 PM on weekdays with headways of approximately 150 minutes. On Saturdays, the 3E operates between 1:20 PM and 6:40 PM with headways of approximately 270 minutes. There are currently no services on Sundays. The nearest bus stop is at the N. 12th Street/El Dorado Avenue intersection.

Appendix E contains the bus route schedule and map.

13.0 VMT ASSESSMENT

Appendix F contains a VMT per Capita map from the *City of El Centro Transportation Guidelines (June 2022).* The project site is located within a "50%-85% of the percent mean" area and therefore the project can be assumed to have no significant VMT impact.

14.0 CONCLUSIONS

14.1 LMA Summary

14.1.1 *Roadway Improvements*

Per the thresholds and analysis presented in this report, intersections within the Project study area are calculated to operate at acceptable LOS under existing, Opening Year and Opening Year plus project conditions. The effects of Project-related traffic do not indicate the need for roadway improvements within the study area.

14.1.2 *Active Transportation*

Pedestrian Mobility

The Project will provide sidewalks along its frontage on Pico Avenue. Based on the *City of El Centro Mobility Plan*, there are no pedestrian improvements planned within the study area.

Bicycle Mobility

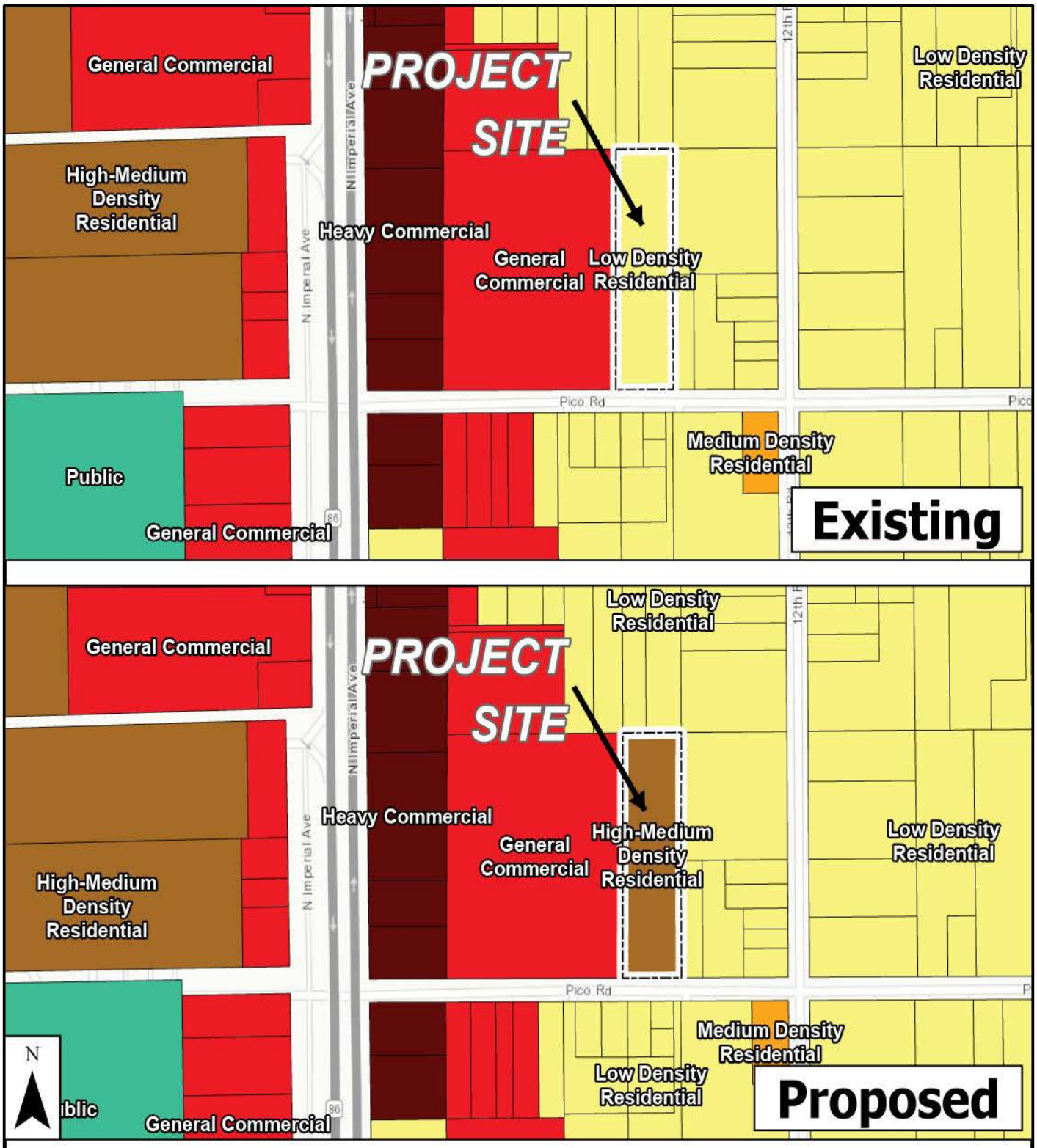
Class II bicycle lanes are not provided within the study area. Per the *City of El Centro Mobility Element*, Class IV bicycle lanes are planned on Imperial Avenue and Class III bike lanes are planned on Pico Avenue and N. 12th Street.

Transit Mobility

The bus routes serving the area are 2S, Green Line, and 3E and the bus stops are all located about ½ mile from the Project site

14.2 VMT Summary

Based on the VMT per capita from the *Guidelines*, the project site is located in an area below an "85% percent mean" and therefore VMT impacts are presumed to be less than significant.

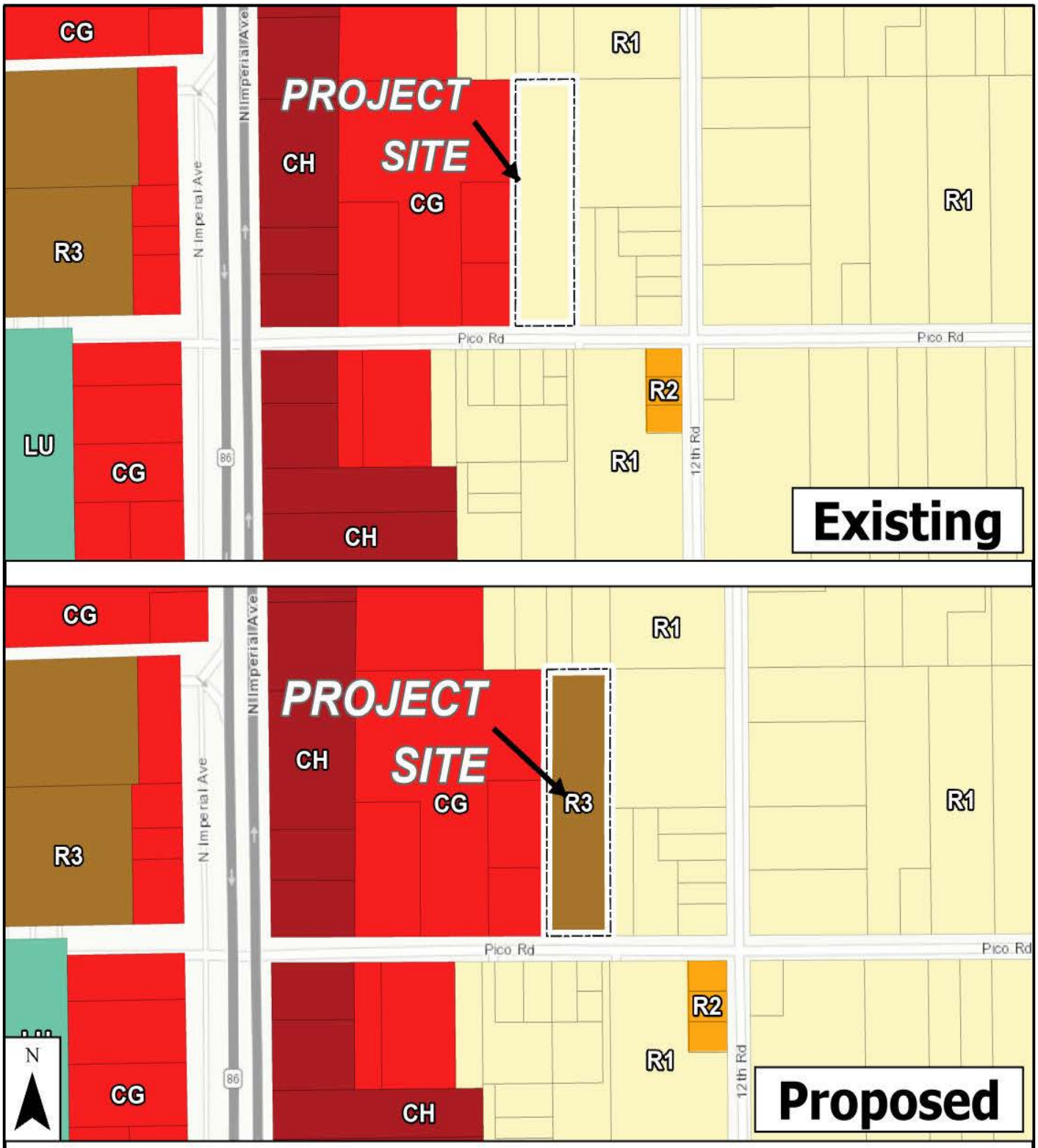


Land Use Map; 1274 Pico Ave Apartments

- General Commercial
- Heavy Commercial
- High-Medium Density Residential
- Low Density Residential
- Medium Density Residential
- Public

City of El Centro
Incorporated 1908
Shining with Opportunity

0 170 340 680 Feet



Zoning Map; 1274 Pico Ave Apartments

- R1 | Single-Family Residential
- R2 | Variable Residential
- R3 | Multiple Family Residential
- CG | General Commercial
- CH | Heavy Commercial
- LU | Limited Use

City of El Centro
Incorporated 1908
Shining with Opportunity

0 155 310 620 Feet

RESOLUTION NO. 25-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO ADOPTING NEGATIVE DECLARATION 22-04 (SCH# 2023-060637) FOR

PROJECT: Change of Zone 22-05, and General Plan Amendment 22-05, a proposed zone change from R1 (Single-Family Residential) to R3 (Multiple Family Residential), and General Plan Amendment for consistency with the Zoning Map, located at 1274 West Pico Avenue, further identified by APN 044-261-010

WHEREAS, pursuant to the California Environmental Quality Act ("CEQA") and the CEQA Guidelines of 1970, as amended, a Negative Declaration is appropriate for the above-named project; and

WHEREAS, on the basis of the whole record, including the Initial Study for the above-named project and comments received, the City Council of the City of El Centro, California ("the City Council") finds that there is no substantial evidence that the project will have a significant effect on the environment and that the Negative Declaration reflects the City of El Centro, California's independent judgment and analysis; and

WHEREAS, the City Clerk and the Director of Community Development, both located at 1275 West Main Street, El Centro, California, are the custodians of the records of material which constitute the record of proceedings upon which the City Council's decision is based in this matter.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.
2. That the Negative Declaration, a copy of which is on file at the Office of the City Clerk, on the above-named project is hereby adopted.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California, held on the 16th day of September, 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO
FORM: Office of the City
Attorney

By_____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL)
ss CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the foregoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the 16th day of September, 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

Public hearing to consider a recommendation from the Planning Commission regarding General Plan Amendment 22-05 for the Vasquez Apartment Project at 1274 Pico Avenue.

CITY MANAGER'S RECOMMENDATION:
Adopt Resolution No. 25- , A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING GENERAL PLAN AMENDMENT 22-05 CHANGING THE LAND USE DESIGNATION FROM LOW DENSITY RESIDENTIAL TO HIGH-MEDIUM DENSITY RESIDENTIAL FOR PROPERTY WITH APN 044-161-010 AND LOCATED AT 1274 WEST PICO AVENUE, AND DECLARING SAME TO BE THE FIRST GENERAL PLAN AMENDMENT FOR CALENDAR YEAR 2025.

FISCAL IMPACT:
Not Applicable

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Economic Opportunity

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
Not Applicable

BACKGROUND:
Please refer to Item No. 2025-248, regarding Negative Declaration for General Plan Amendment 22-05 for background regarding this item.

DISCUSSION:
A resolution approving General Plan Amendment 22-05 for 1274 West Pico Avenue is attached as Exhibit A.

CONCLUSION:
Adopt Resolution No. 25- , A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING GENERAL PLAN AMENDMENT 22-05 CHANGING THE LAND USE DESIGNATION FROM LOW DENSITY RESIDENTIAL TO HIGH-MEDIUM DENSITY RESIDENTIAL FOR PROPERTY WITH APN 044-161-010 AND LOCATED AT 1274 WEST PICO AVENUE, AND DECLARING SAME TO BE THE FIRST GENERAL PLAN AMENDMENT FOR CALENDAR YEAR 2025.

ATTACHMENTS:
1. Resolution for GPA 22-05

RESOLUTION NO. 25-___

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO APPROVING GENERAL PLAN AMENDMENT 22-05 CHANGING THE LAND USE DESIGNATION FROM LOW DENSITY RESIDENTIAL TO HIGH-MEDIUM DENSITY RESIDENTIAL FOR PROPERTY WITH APN 044-161-010 AND LOCATED AT 1274 WEST PICO AVENUE, AND DECLARING SAME TO BE THE FIRST GENERAL PLAN AMENDMENT FOR CALENDAR YEAR 2025

WHEREAS, Carlos Vasquez has initiated a request for a Zone Change and concurrent General Plan Amendment for the property located at 1274 West Pico Avenue on the parcel identified by APN 044-261-010; and

WHEREAS, the request requires an amendment to the General Plan Land Use Map from Low Density Residential to High-Medium Density Residential for the property further identified by APN 044-261-010, and containing an area of 2.3 acres; and

WHEREAS, a Negative Declaration (SCH# 2023060637) was prepared and considered for the proposal pursuant to the California Environmental Quality Act, as amended; and

WHEREAS, a public hearing was held by the City Council on the proposed General Plan Amendment 22-05 on December 5, 2023 and additional traffic studies and site changes were requested by the Council; and

WHEREAS, the developer thereafter revised the site layout and a traffic study was completed and the project was revised accordingly; and

WHEREAS, the Negative Declaration was reviewed and confirmed for the revised project; and

WHEREAS, a noticed public hearing was held by the Planning Commission on the proposed General Plan Amendment 22-05 on June 10, 2025; and

WHEREAS, the Planning Commission adopted Resolution 25-10 to recommended the approval of General Plan Amendment 22-05; and

WHEREAS, a public hearing was advertised in accordance with the law; and

WHEREAS, a public hearing was held on the 16th day of September, 2025 and the petitioner was present, and heard, and no one was present to object to the petition nor were any objections filed with the City Council; and

WHEREAS, the proposed General Plan Amendment would not have a deleterious effect on the environment and is necessary and proper at this time for consistency with the City's Zoning Map; and

WHEREAS, the proposed General Plan amendment is compatible with the existing and planned land uses of the surrounding areas and is in the best interests of the general health, safety, and welfare of the community.

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. The foregoing is true, correct, and adopted.

2. That the City Council does hereby approve General Plan Amendment 22-05, a proposed amendment from Low Density Residential to High-Medium Density for property located at 1274 West Pico Avenue and further identified as 044-261-010.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California, held on the 16th day of September, 2025.

CITY OF EL CENTRO

By_____
Sonia Carter, Mayor

ATTEST:

By: _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
OFFICE OF THE CITY ATTORNEY

By:_____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the foregoing Resolution No. 25- was duly and regularly adopted at a regular meeting of the City Council of the City of El Centro, California, held on the 16th day of September, 2025, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By_____
Norma Wyles, City Clerk

Public hearing to consider a recommendation from the Planning Commission regarding Change of Zone 22-05 for the Vasquez Apartment Project at 1274 Pico Avenue

CITY MANAGER'S RECOMMENDATION:

Introduction and approval of Ordinance No. 25- , AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AMENDING THE ZONING MAP OF THE CITY OF EL CENTRO PERTAINING TO CHANGE OF ZONE 22-05, waive reading and approve as a 1st Reading and authorize City Clerk to place on the next agenda for second reading and adoption.

FISCAL IMPACT:

Not Applicable

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

Economic Opportunity

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

Not Applicable

BACKGROUND:

Please refer to Item No. 2025-248, regarding Negative Declaration for Change of Zone 22-05 for background regarding this item.

DISCUSSION:

An ordinance approving Change of Zone 22-05 for 1274 West Pico Avenue is attached as Exhibit A.

CONCLUSION:

Introduction and approval of Ordinance No. 25- , AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AMENDING THE ZONING MAP OF THE CITY OF EL CENTRO PERTAINING TO CHANGE OF ZONE 22-05, waive reading and approve as a 1st Reading and authorize City Clerk to place on the next agenda for second reading and adoption.

ATTACHMENTS:

1. Exhibit A - Ordinance for COZ 22-05

ORDINANCE NO. 25-__

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AMENDING THE ZONING MAP OF THE CITY OF EL CENTRO PERTAINING TO CHANGE OF ZONE 22-05

THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA DOES HEREBY ORDAIN AS FOLLOWS:

Section 1. The Zoning Map of the City of El Centro, California is hereby amended to provide:

"The following property which consists of approximately 2.3 acres of land, located at 1274 West Pico Avenue, further identified by APN 044-261-010, is hereby re-zoned from R1 (Single-Family Residential) to R3 (Multiple Family Residential)."

Section 2. This Amendment shall be given appropriate enumeration in the files of the City Clerk regarding the Zoning Map.

Section 3. This Ordinance shall take effect thirty (30) days from and after its adoption. Within fifteen (15) days after adoption, it shall be published once in a newspaper, published and circulated within the City of El Centro, California.

INTRODUCED at a regular meeting of the City Council of the City of El Centro, California, held on the 16th day of September, 2025.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By_____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By_____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the foregoing Ordinance No. 25- had its first reading on the 16th day of September, 2025, and had its second reading on the day of ,2025, and was passed by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By _____
Norma Wyles, City Clerk

Community Sponsorship — MANA de Imperial Valley

CITY MANAGER'S RECOMMENDATION:
Discussion and any necessary action regarding the community sponsorship request from MANA de Imperial Valley.

FISCAL IMPACT:
Funding is available from the Community Sponsorship Fund 1201-610139. Available balance is $3,089.

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
N/A

BACKGROUND:
MANA de Imperial Valley is a local chapter of MANA, a National Latina Organization. MANA is a non-profit advocacy organization established in 1974. MANA believes in the power of community to support and uplift students who are working hard to turn their dreams into reality. Their mission is to empower Latinas through education, leadership development, community service and advocacy.

DISCUSSION:
Each year, MANA honors three remarkable Latinas whose contributions serve as a beacon of leadership and strength. This year's event, 2025 Las Primeras Awards Gala & Scholarship Fundraiser, takes place on September 12, 2025, with the theme "Words of Wisdom: A Celebration of Vibrant Sayings". This event raises essential funds to support college scholarships for local students. Many who are first-generation college students who balance school, work and family — all while striving toward a better future. They are pleased to continue their tradition of recognizing these community advocates with a high-quality in-person event. This event allows them to celebrate positive leadership in the Latina community and proceeds are used to fund educational and cultural programs.

The following are the sponsorship levels available,

Diamond Sponsor - $5,000
Platinum Sponsor - $3,000
Gold Sponsor - $1,500
Silver Sponsor - $1,000
Bronze Sponsor - $500

The City Manager's Office has reviewed the application and the requirements of the policy statement have been met. The Mayor has reviewed the request and recommends that Council consider a sponsorship in the amount of $500.

CONCLUSION:

Staff seeks direction and necessary action regarding the requested community cash sponsorship.

ATTACHMENTS:

1. Sponsorship Packet
2. Sponsorship Application

MANA
A National Latina Organization

2025 Las Primeras Awards Gala & Scholarship Fundraiser

Words of Wisdom: A Celebration of Vibrant Sayings

Friday, September 12, 2025

Dear Community Leader,

In the Imperial Valley, education is more than a goal—it's a pathway to possibility. At **MANA de Imperial Valley**, we believe in the power of community to support and uplift students who are working hard to turn their dreams into reality. That's why we invite you to join us in supporting this year's **Las Primeras Awards & Scholarship Gala**—an evening that celebrates leadership while investing in the future of our Valley.

We are proud to announce that this year's Gala will be held on **Friday, September 12, 2025, at the charming Old Eucalyptus School House in El Centro, California**. The event's theme, "**Words of Wisdom: A Celebration of Vibrant Sayings,**" will embrace the richness of Hispanic heritage, drawing inspiration from the phrases and proverbs that have guided generations with courage, humor, and heart.

Each year, MANA honors three remarkable Latinas whose contributions serve as a beacon of leadership and strength. But just as important, the Gala raises essential funds to support college scholarships for local students. Many of our scholarship recipients are first-generation college students who balance school, work, and family—all while striving toward a better future. Since 2008, through the generosity of community partners like you, we've awarded over $245,000 in scholarships and invested in cultural and educational programming for youth throughout Imperial County.

We invite you to support this important work by becoming a sponsor of this year's premier fundraising event. **Sponsorship levels—Diamond, Platinum, Gold, Silver, and Bronze**—include opportunities for visibility in the event program, social media recognition, and acknowledgment during the evening's program. **All contributions are tax-deductible.**
Tables may be reserved for **$780,** and individual tickets are **$100.** Enclosed you'll find a sponsorship form with full details on benefits and contribution levels. Checks may be made payable to MANA. **Federal Tax ID: 26-3347038**

Your continued support helps transform the lives of Imperial Valley students. We hope you will save the date and join us for a night of celebration, community, and meaningful impact. If you have any questions, please contact **Las Primeras Co-Coordinators Viridiana Rosales and Nancy Salcedo at manalasprimeras@gmail.com**.

With appreciation,
MANA de Imperial Valley

MANA®
A National Latina Organization

2025 Las Primeras Awards Gala & Scholarship Fundraiser

Words of Wisdom: A Celebration of Vibrant Sayings

Friday, September 12, 2025

SPONSORSHIP OPPORTUNITIES

DIAMOND SPONSOR $5,000

Diamond sponsor level includes $1,000 in scholarships to be awarded in the Diamond Sponsor's name; sponsor profile in the MANA de Imperial Valley website for one calendar year; reserved table for eight (8) guests; featured recognition in all agency promotions and sponsor logo to be prominently displayed at the Gala, and Scholarship Ceremony; full-page ad in the event program; sponsor listing and recognition in the program.

PLATINUM SPONSOR $3,000

Platinum sponsor level includes $500 in scholarships to be awarded in the Platinum Sponsor's name; sponsor profile in the MANA de Imperial Valley website for one calendar year; reserved table for eight (8) guests; featured recognition in all agency promotions and sponsor logo to be prominently displayed at the Gala, and Scholarship Ceremony; full-page ad in the event program; sponsor listing and recognition in the program.

MANA®
A National Latina Organization

2025 Las Primeras Awards Gala & Scholarship Fundraiser

Words of Wisdom: A Celebration of Vibrant Sayings

Friday, September 12, 2025

GOLD SPONSOR $1,500

Gold sponsor includes a reserved table for six (6) guests; featured recognition in event promotions and materials, including social media advertisements; sponsor profile will be prominently displayed on sponsor table; half-page (1/2) ad in the event program; sponsor listing and recognition in the program.

SILVER SPONSOR $1,000

Silver sponsorship includes reserved seating for four (4) guests, recognition in event promotions and a quarter (1/4) page of advertising space in the event program; sponsor listing and recognition in the program

BRONZE SPONSOR $500

Bronze sponsorship level includes reserved seating for two (2) guests; business card advertising space in the event program; sponsor listing and recognition in the event program.

P.O. Box 2945 El Centro, CA 92244 www.ivmana.org manalasprimeras@gmail.com

MANA®
A National Latina Organization

2025 Las Primeras Awards Gala & Scholarship Fundraiser

Words of Wisdom: A Celebration of Vibrant Sayings

Friday, September 12, 2025

SPONSORSHIP OPPORTUNITIES

DIAMOND SPONSOR	PLATINUM SPONSOR	GOLD SPONSOR	SILVER SPONSOR	BRONZE SPONSOR
$5,000	$3,000	$1,500	$1,000	$500

EVENT PROGRAM ADVERTISING RATES

The event program is a multi-page and commemorative piece featuring program highlights, participant and entertainment photographs, and bios. It is circulated to all attendees and it features full, half, quarter, and eight page ads.

CAMERA READY ARTWORK AND HIGH-RESOLUTION LOGOS REQUIRED, DEADLINE 8/25/25

- Color back page exclusive **$1000**
- Full page **$350**
- ½ page **$175**
- ¼ page **$100**
- Business card, 1/8 **$75**

P.O. Box 2945 El Centro, CA 92244 www.ivmana.org manalasprimeras@gmail.com

CITY MANAGER
'25 AUG 26 PM5:09

CITY OF EL CENTRO
COMMUNITY SPONSORSHIP PROGRAM
APPLICATION

APPLICANT INFORMATION:
(Applicant is the contact person for City officials and must be at least 18 years of age.)

Organization Name: Mana de Imperial Valley

Non-Profit ID # / 501(C) 3 #: 26-3347038

Contact Person: Viridiana Rosales-Trujillo & Nancy Salcedo

Address: PO Box 2945 (Street Number) (Street Name) El Centro (City) CA (State) 92244 (Zip Code)

Phone: (928)446-3495 **Cell / Pager:**

E-mail: manalasprimeras@gmail.com

Amount Requesting From Community Sponsorship Fund: $ 5000

TYPE OF EVENT:
(check one)

- ☐ Promotional Event
- ☐ Cultural Event
- ☐ Athletic Event
- ☐ Educational Event
- ☐ Entertainment Event
- ☑ Other Scholarship fundraiser

EVENT INFORMATION:

Event Name: 2025 Las Primeras Awards Gala & Scholarship Fundraiser

Event Date: 09.12.2025 **Time of event:** 6pm (Begin) 11:00 (End)

Event Address: 790 W Evan Hewes Hwy, El Centro, CA 92243 (Location Name) (Street Number) (Street Name) (City)

EVENT DESCRIPTION:

Purpose: To raise scholarship funds for local student to be distributed following year

Activities Planned: Dinner, recognition of Las Primeras

Amount of People Expected: 200-250

Other Information:

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Applicant's signature: Date: 08 22 2025

5

Pre-Program Financial Affidavit

	Current Year: 2025		Previous Year: 2024	
Income		Totals		Totals
Individual Donations				
Corporate Donations / Program rev				30,000
Registration fees				
Other (specify) ads				2,500
Total Income		$		$ 32,500
Expenses		Totals		Totals
Transportation other				17,540
Total Expenses		$		$ 17,540

Comments: no data on current year, as we are requesting at this time.

CITY OF EL CENTRO
COMMUNITY SPONSORSHIP PROGRAM
APPLICATION CHECK LIST

DOCUMENTS THAT MUST BE INCLUDED WITH APPLICATION:

- [x] **Pre-Program Financial Affidavit**
  (Indicating proposed profit or loss, income from all sources, all expenditures, in-kind contributions, all sponsorship contributions, volunteers etc…)
- [x] **Statement from Authorizing Agent**
  (Indicating that admission to the event is free and open to the public, and explaining how the program will benefit El Centro residents.)
- [x] **Current Proof of 501(C) 3**
  (Or proof that a 501(C) 3 organization is a recipient of the program proceeds.)
- [x] **Program Sponsorship Package or Statement**
  (Indicating the City of El Centro's sponsorship benefits.)
- [x] **Organization's Mission Statement**
  (Purpose and goals of the organization.)
- [ ] **Copy of Current Business License** NA

DOCUMENTS THAT MUST BE SUBMITTED AT LEAST 45 DAYS BEFORE THE PROGRAM:

- [ ] **Proof of all Permits, Clearances, Insurances, and Program Authorizations**
  (Within time restraints in compliance with the Code of the City of El Centro, policies and Special Event Policy requirements.)

DOCUMENTS THAT MUST BE SUBMITTED WITHIN 30 DAYS AFTER THE PROGRAM:

- [ ] **Post Program Financial Affidavit**
  (Indicating actual profit or loss, income from all sources, all expenditures, In-Kinds contributions, all sponsorship contributions, volunteers etc…)

FOR CITY OF EL CENTRO
OFFICIAL USE ONLY

COMMUNITY SPONSORSHIP PROGRAM
APPLICATION REVIEW FORM

Program Name: Mana de Imperial Valley / 2025 Las Primeras Awards Gala

Program Date: 9-12-25 **City Manager's Review Date:** 8-26-25

DOCUMENTS SUBMITTED:

Documents that must be included with application:

- ☑ Pre-Program Financial Affidavit
- ☑ Statement from Authorizing Agent
- ☑ Current Proof of 501(C) 3
- ☑ Program Sponsorship Package
- ☑ Mission Statement
- ☐ Copy of Current Business License N/A

Documents that must be submitted 45 days before program:

- ☐ Proof of Permits _____
- ☐ Proof of Clearances _____
- ☐ Proof of Insurance _____
- ☐ Program Authorizations _____
- ☐ Other _____

MAYOR'S REVIEW:

- ☒ **Approved**
  Forward to City Council for Consideration
- ☐ **Denied**
  Reason: _____

Comments: Mayor has recommended $500.00

Sonia Carter by Gloria Garcia — 9-3-25

Mayor's Authorization Signature **Date**

CITY SPONSORSHIP SUMMARY:

City Council Date: 9-16-25 ☐ Approved ☐ Denied

Cash Sponsorship Amount: $_____

Requisition Process Date: _____ P.O #: _____

Rev 03/2020

Award of Bid and authorizing a contract for the Frazier Field Improvements Project.

CITY MANAGER'S RECOMMENDATION:
Adopt Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AWARDING THE BID AND AUTHORIZING THE EXECUTION OF A CONTRACT FOR THE FRAZIER FIELD IMPROVEMENTS PROJECT.

FISCAL IMPACT:
The project costs are $375,509 and will be paid for with Measure P ($290,000) and CDBG ($277,576) Funds.

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Recreation & Lifelong Learning

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKES, INSURANCE, ETC.:
Staff has verified three references provided by the bidder, Shipley Construction and Plumbing and received positive reviews from all three references. References provided were the City of Needles, San Bernardino Housing Authority and Pac West Builders. State Contractor License is current and active. Contractor will obtain a city business license prior to project commencement.

BACKGROUND:
Frazier Field Park serves as the home of District 22 El Centro Little League and features four ball fields, a snack bar, restrooms, and a parking lot. Two fields are located at the front of the park along Sixth Street, while the remaining two are situated at the rear, adjacent to McKinley Elementary School. The facility is managed through a Joint Use Agreement between the City of El Centro and the El Centro Elementary School District. The front portion of the park is City-owned, while the rear portion is owned by the School District.

Over the years, only minor upgrades have been made to the facility, and many of the core features—including the ball fields, dugouts, backstops, lighting, and scoreboards—are in need of significant improvements. Additionally, the facility lacks an ADA-accessible walkway connecting to the rear fields, limiting accessibility for all residents.

Recently, some improvements have been completed, including renovations to the snack bar and restrooms. Upgrades to the snack bar include new doors, light fixtures, shelving, a new air conditioning unit, and updated service windows. Restroom enhancements included fresh paint, new light fixtures, and replacement doors.

With the current funding available, most of the park’s amenities will be upgraded, with the exception of field lighting. The estimated cost to install new LED lighting throughout the facility is approximately $1.4 million. Despite this limitation, the planned improvements will ensure that Frazier Field Park remains a valuable community asset for years to come.

DISCUSSION:
Frazier Field Park is in critical need of upgrades to better serve the community and the local Little League program, which relies heavily on the facility. The proposed scope of work for the Frazier Field Improvements Project includes several key enhancements aimed at improving accessibility, safety, and overall user experience.

The scope of work includes two new batting cages to be constructed in the central area between the four ball fields. To improve accessibility, a six-foot-wide ADA-compliant walkway will be installed, extending from the park's front entrance to the two rear fields. On front fields #1 and #2, new scoreboards will be installed to replace the current non-functional units. The dugouts will also be renovated, and new picnic tables and benches will be added near the snack bar area to enhance spectator and participant comfort.

For the back fields (#3 and #4), the project includes the construction of new backstops and dugouts to ensure player safety and improve the facility's aesthetics. These improvements will significantly enhance the park's functionality and ensure Frazier Field remains a valued recreational asset for the El Centro community.

A bid opening was held on July 30, 2025. The city received a total of five bids as follows:

Shipley Construction	$375,509
So Coast Contracting	$498,308
LZ Construction	$410,000
HSCC Inc.	$464,445
A&N Quality Builders	$402,000

After reviewing all bids, staff found the bid from Shipley Construction and Plumbing to be the lowest and responsive bid.

CONCLUSION:
Staff is recommending the award of bid to **Shipley Construction and Plumbing** in the amount of $375,509 via approval of Resolution No. 25- , RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AWARDING THE BID AND AUTHORIZING THE EXECUTION OF A CONTRACT FOR THE FRAZIER FIELD IMPROVEMENTS PROJECT.

ATTACHMENTS:
1. Resolution 25-

RESULT:	
MOVER:	**None**
SECONDER:	**None**
AYES:	**None**
NAYS:	**[NO_TITLES_LAST_NAMES]**
ABSTAIN:	**None**
EXCUSED:	

RESOLUTION NO. 25-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CENTRO AWARDING THE BID AND AUTHORIZING THE EXECUTION OF A CONTRACT FOR THE FRAZIER FIELD IMPROVEMENTS PROJECT

WHEREAS, the plans and specifications have been adopted by the City Council of the City of El Centro, California and the notice inviting bids has been advertised as required by section 2-185.15 of the City Municipal Code for the Frazier Field Improvements Project (the "Project"); and

WHEREAS, five (5) bids were received and opened on July 30, 2025, in accordance with law, and the Director of Community Services has made a report thereon; and

WHEREAS, the City Council has considered the report of the Director of Community Services and, as a result, has determined that five (5) firms submitted bids, with Shipley Construction and Plumbing submitting the lowest responsive and responsible bid in the total amount of three hundred seventy-five thousand, five hundred and nine dollars, and zero cents ($375,509.00); and

WHEREAS, the City Council finds that the award and approval of a contract to Shipley Construction and Plumbing for the Project will be in the best interest of the City.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL CENTRO, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.

2. That the City Council hereby accepts the bid of Shipley Construction and Plumbing for the Project.

3. That the Interim City Manager is hereby authorized to sign a contract for the Project in the total amount of three hundred seventy-five thousand, five hundred and nine dollars and zero cents ($375,509.00), a copy of which is on file in the Office of the City Clerk, on behalf of the City.

4. That the City Council hereby establishes a construction contingency fund of forty thousand dollars and zero cents ($40,000.00) for the Project.

5. That the Interim City Manager is further authorized to approve and execute any change orders for the Project up to a single change order amount of forty thousand dollars and zero cents ($40,000.00), individually or collectively, as needed for unanticipated construction contingencies and is required to report all change orders to the City Council as soon as practical.

6. That the City Council shall approve any change order that either individually exceeds the single change order amount or in combination with other approved change orders exceed the amount established as the construction contingency fund for the Project as set forth herein.

7. That the contract for the Project shall be reviewed and approved as to form by the City Attorney prior to execution and placed on file in the Office of the City Clerk.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of El Centro, California, held on the day of , 2025.

CITY OF EL CENTRO

By _____
Sonia Carter, Mayor

ATTEST:

By _____
Norma Wyles, City Clerk

APPROVED AS TO FORM:
Office of the City Attorney

By _____
Elizabeth L. Martyn, City Attorney

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL) ss
CITY OF EL CENTRO)

I, Norma Wyles, City Clerk of the City of El Centro, California, do hereby certify that the foregoing Resolution No. 25- was duly and regularly adopted a regular meeting of the City Council of the City of El Centro, California, held on the day of ,2025 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

By_____
Norma Wyles, City Clerk

City Council of the City of El Centro
1275 W. Main Street
El Centro, CA 92243
SUBMITTED
ACTION ITEM (ID # 2025-282)

Item: 23.
Meeting: 9/16/2025 3:30 PM
Department: Public Works
Category: Action Item
Prepared by: Felix DeLeon , Senior Engineer
Department Head: Abraham Campos
DOC ID: 2025-282

Discussion and Any Necessary Action Regarding the Approval of Change Order #2 to Pacific Hydrotech Corp. for the Wastewater Treatment Plant UV Disinfection Improvement Project and project budget authorization.

CITY MANAGER'S RECOMMENDATION:
Authorize budget as requested and authorize Change Order No. 2 to Pacific Hydrotech Corporation.

FISCAL IMPACT:
No impact to the General Fund. The project is fully funded by Wastewater Enterprise funds.

Approved by Council on February 18, 2025

FY 25 - 502-9521-710106	$600,000
FY 26 - 502-9521-710106	$678,530
Total	$1,278,530

Revised Project Budget:

Prior Council Approval:	$1,278,530.00
New Construction Request:	$72,655.44
Construction Support Request:	$128,677.00
Total Revised Project Budget	**$1,479,862.44**

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:
Environmental Sustainability & Infrastructure

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:
NA, contractor has an active agreement with the city.

BACKGROUND:

The City of El Centro Wastewater Treatment Facility treats and discharges the city's wastewater into the Imperial Irrigation District's (IID) drainage system, which ultimately flows into the Salton Sea. Ultraviolet (UV) disinfection is the final, State-mandated step in the treatment process prior to discharge.

The existing UV disinfection system is nearing the end of its useful life. The current UV lamps and associated components are now obsolete and will soon be unserviceable. Failure to replace this system may result in the treatment plant falling out of compliance with regulatory requirements, potentially leading to State violations.

On December 7, 2021, City Public Works staff presented to Council a vendor agreement with Trojan Technologies Group for the purchase of the equipment necessary to replace

the UV disinfection units. The Council approved the equipment purchase under Resolution No. 21-95.

Subsequently, on November 5, 2024, City staff brought the project plans and specifications to Council for approval and authorization to solicit construction bids. A Notice Inviting Bids was published on November 15, 2024, and a Pre-Bid Meeting was held on December 3, 2024.

On February 18, 2025, the City Council awarded the construction contract to the lowest responsive bidder, Pacific Hydrotech Corp., in the amount of $1,162,300. Construction began on April 6, 2025, with a total approved project budget of $1,278,530. This budget includes a 10% construction contingency in the amount of $116,230.

DISCUSSION:

Initial construction activities for the project included field investigations and preparation of existing conduits and pull boxes intended for reuse in routing power and communication lines to the new UV disinfection units. During this phase, it was determined that the existing pull boxes were inadequate and required replacement. Additionally, the conduit route to the control building needed modification to include a separate conduit for the power cable.

This separate conduit is necessary to maintain proper separation between power and communication lines to prevent electrical interference.

This unforeseen condition was brought to the attention of the design consultant, NV5. In coordination with the Prime Contractor, a revised design was developed to provide a new dedicated power run to the UV disinfection units. To avoid project delays, a proposal was requested from Pacific Hydrotech Corp., who submitted the scope and cost, included as Item 2.2 of Change Order #2.

Due to the significance of this change, the proposed costs will significantly impact the project contingency early in the construction phase. As the project is still in its early stages, we anticipate minor changes and additions related to the installation, testing, and startup of the UV system. To accommodate these potential future changes, a contingency of $60,000 is proposed. This represents approximately 5% of the total construction cost and is intended to cover additional unforeseen field conditions.

Additionally, as part of the project support, NV5 will provide construction support services through the City's on-call consultant contracts. These services include the review of electrical component submittals and site inspections. The construction management costs for these services, approved under Amendment No. 2 to Task Order No. 3 of the NV5 on-call contract, total $128,677. The revised project budget presented in this report includes this amount.

CONCLUSION:

Authorize budget as requested and authorize Change Order No. 2 to Pacific Hydrotech Corp., as presented.

ATTACHMENTS:

1. CCO #2 WWTP UV Disinfection Improvements - PHC Signed

Contractor(Original)
City Clerk (Original)
Project File (Copy)

CITY OF EL CENTRO

Contract Change Order No. 2

Date:08/21/2025

Sheet 1 of 1

Account No(s):

Wastewater Treatment Plant UV Disinfection Improvements

Original Contract Time	180	c. days	Original Contract Price		$1,162,300.00
Previously added time	3	c. days	Previous Change Orders		$26,736.88
Requested time this CO	12	c. days	This Change Order		$102,148.56
Revised Contract Time	195	c. days	Revised Contract Price		$1,291,185.44

Pacific Hydrotech Corp. (Contractor). You are hereby directed to make the herein described changes from the plans and specifications and/or add/deduct the following described work not included in the plans and specifications of this contract.
Construction Start Date: April 07, 2025 Revised Date of Completion: October 18, 2025

Description of Work:

Item No.	Item Description	Unit	Quantity	Unit Price	Amount
2.1	Pre-Fabricated Building Credit	LS	1	($20,000.00)	($20,000.00)
2.2	Upgrade Site Ductbanks	LS	1	$122,148.56	$122,148.56

TOTAL: $102,148.56

(Attach additional description page if required. If appropriate, note if item is eligible for federal aid)

Basis of Payment:

- ☒ Agreed Lump Sum
- ☐ Negotiated Unit Price
- ☐ Extra Work as provided in Section ____ of the Standard Specification

I, the undersigned contractor, have given careful consideration to the work proposed and hereby agree, if this proposal is approved, that payment for these change order items shall provide full compensation for all equipment, materials, labor, field and home office overhead, indirect and consequential costs, mark-ups and profit necessary to complete the work. By executing this contract change order, I agree to proceed with this work as a change order per section 3-2.1 of the Standard Specifications for Public Works Construction (2015 edition) and waive any rights to additional compensation arising out of work listed in this change order, including without limitation, any claims relating to any cumulative effect of change orders, delays, productivity impact or interruption.

Date: 8/21/25

Pacific Hydrotech Corp.

By: Dustin Chelney
(Project Manager)

(Signature)

Contract Price: Increase ☒ Decrease ☐

Total cost of changes not to exceed: $102,148.56

Submittal by: _____ _____
Felix De Leon Jr., PE – Principal Engineer Date

Approval Recommended: _____
Abraham Campos, PE Dir. Of Public Works/City Engineer Date

Director of Finance: _____
Elizabeth Fuchen – Interim Finance Director Date

Approved: _____
Robert Sawyer – Interim City Manager Date

Within Approved Council Contract Award contingency limits?

Yes ☐ No ☒

CITY OF EL CENTRO
Department of Public Works -Engineering Division
1275 W. Main Street
El Centro CA 92243
Ph. (760) 337-5182 Fax (760) 337-3856

CHANGE ORDER MEMORANDUM

Date: August 19th, 2025
From: Felix De Leon Jr., PE – Principal Engineer

Subject: Wastewater Treatment Plant UV Disinfection Improvements
Change Order #2 – Summary of items.

Item 2.1 - Pre-Fabricated Building Credit

Credit for the removal of the HCD Certification requirement for the pre-fabricated buildings per project specifications. It was determined that the requirement was not needed for the project installation.

Item 2.2 – Upgrade Site Ductbanks

Due to the existing conditions in the size and amount of conduit, pull boxes and other electrical items, PCO 4.3 was submitted to address a multitude of changes needed to appropriately run the power and communication cabling from the control building to the new UV disinfection units. The attached PCO 4.3 provides a more detailed scope of the additional labor and material necessary.

PACIFIC HYDROTECH CORPORATION
314 E. 3RD ST, PERRIS, CA 92570
(951) 943-8803 FAX (951) 943-1093

May 23, 2025

City of El Centro
1275 W. Main Street
El Centro, CA 92243
Attn: Felix De Leon, Jr.
Principal Engineer

PCO 001

Reference: El Centro WWTP – UV Disinfection Improvements
PHC Project C2508

Subject: PCO 001 – Deduct to Prefab Building Supply

Felix,

As requested by your email dated 5/21/25, we offer the following credit and schedule impact for the City to waive the HCD Certification for the prefab buildings. The details are found in the attached email exchange with our prefab building supplier. They have confirmed the added amount for certification as well as the schedule impact should HCD Certification be required.

Elimination of the HCD Certification would result in a net credit back to the City in the form of a deductive change order as follows:

CREDIT TO WAIVE HCD CERTIFICATION .....($20,000.00)

As previously advised, the purchase order to our supplier did not include this cost so PHC is offering this credit as a straight reduction in our contract price without reduction in our purchase order amount to the supplier as a sign of good faith and to maintain the originally advise scheduled delivery time for the prefab buildings of 6-8 weeks (plus estimated time in travel per attached).

As you will see in the attached email exchange, If HCD Certification were to be required, the time for delivery of the buildings would increase from our proposed baseline schedule and add another 10-12 weeks to the delivery time for the buildings.

We are hopeful that considering these facts (and the proposed credit) we will receive confirmation that HCD Certification is waived so that we can get Panel Built off of the "hold" that is presently in place on this order as noted in the attached email.

Respectfully,
PACIFIC HYDROTECH CORPORATION

Greg Chehey
Project Manager

Att: Email correspondence from Panel Built

From: Seth Brinkman <SBrinkman@panelbuilt.com>
Sent: Friday, May 23, 2025 8:00 AM
To: Greg Chehey <GChehey@pachydro.com>
Cc: Dustin Chehey <dChehey@pachydro.com>; Miguel Quevedo <mquevedo@pachydro.com>
Subject: Re: C2508 El Centro UV - HCD Certification Impact

Good morning Greg,

Our standard non-3rd party exterior design was the base amount of the proposal. The option of making the design 3rd party approved is an additional $20,000.00 for both structures.

Our standard non 3rd party exterior design which is currently in the approval drawing phase will take 6-8 weeks to fabricate once the approval drawings have been reviewed and signed off on. At that time we will also issue an estimated ship date with delivery to the west coast taking 4-6 days.

The 3rd party approved design option for an additional $20,000.00 would add to the engineering timeline an estimated 10-12 weeks after the signed approval drawings, plus the production timeline of 6-8 weeks. Shipping to the west coast taking 4-6 days.

We are currently on hold in the approval drawing phase waiting on confirmation if 3rd party or non 3rd party is needed.

Thank you.

Seth Brinkman
Sales, Panel Built Inc

(800) 636-3873 | (678) 283-3288 | www.PanelBuilt.com
sbrinkman@panelbuilt.com
302 Beasley St. Blairsville, GA 30512

From: Greg Chehey <GChehey@pachydro.com>
Sent: Friday, May 23, 2025 9:59 AM
To: Seth Brinkman <SBrinkman@panelbuilt.com>
Cc: Dustin Chehey <dChehey@pachydro.com>; Miguel Quevedo <mquevedo@pachydro.com>
Subject: C2508 El Centro UV - HCD Certification Impact

RESPONSE FROM PANEL BUILT Re: HDC Certification

Seth,

As you noted, your proposal included the option for 3rd party inspection (in this case CA HCD Certification). Please confirm the adder for this 3rd party inspection.

Also please advise what we can expect in the way of scheduled delivery for these two buildings. We will need both options:

1. Standard design as per your original proposal. Your bid day proposal says 6-8 weeks … please confirm this is still the expectation.
2. Optional for 3rd party inspection. Please advise your best estimate as to how much added time this would add to production.

Thank you,

Greg Chehey
Pacific Hydrotech
314 E. 3rd Street
Perris, CA 92570
951-943-8803
Cell: 760-831-8960

PACIFIC HYDROTECH CORPORATION
314 E. 3RD ST, PERRIS, CA 92570
(951) 943-8803 FAX (951) 943-1093

August 7, 2025

City of El Centro
1275 W. Main Street
El Centro, CA 92243
Attn: Felix De Leon, Jr., Principal Engineer

PCO 004 – R3

Reference: El Centro WWTP – UV Disinfection Improvements
PHC Project C2508

Subject: PCO 004.3 – Upgrade Site Ductbanks

Felix,

The following is our revised cost proposal in response to PCO 004 response from NV5. We have also made additional suggested corrections/revisions documented in various email exchanges. This revision conforms to the latest email from the City of El Centro received Thursday, August 7, 2025 which confirmes that PHC includes saw cutting, removal and disposal of AC Pavement and Concrete.

LUMP SUM TO UPGRADE SITE DUCTBANKS $122,148.56

Attached find cost proposal from CSEI along with the revised design drawings from NV5. As part of this new proposal, PHC will reduce the proposed 6" concrete cap to 3" and paving will be performed by the City of El Centro.

Respectfully,
PACIFIC HYDROTECH CORPORATION

Greg Chehey
Project Manager

Sawcut Remove AC Paving (730sf)

	unit	qty	rate	total	Labor	Materials	Equipment	Subcon
Labor	hr	12	$ 90.00	$ 1,080.00	$ 1,080.00			
Operator	hr	6	$ 113.00	$ 678.00	$ 678.00			
Foreman	hr	6	$ 113.00	$ 678.00	$ 678.00			
Backhoe	hr	6	$ 63.25	$ 379.50			$ 379.50	
Trucking	hr	4	$ 150.00	$ 600.00			$ 600.00	
Foreman Truck	hr	6	$ 57.71	$ 346.26			$ 346.26	
Trench and Backfilling (860LF)								
Labor	hr	120	$ 90.00	$ 10,800.00	$ 10,800.00			
Operator	hr	48	$ 113.00	$ 5,424.00	$ 5,424.00			
Foreman	hr	48	$ 113.00	$ 5,424.00	$ 5,424.00			
Backhoe	hr	48	$ 63.25	$ 3,036.00			$ 3,036.00	
Compactor	hr	48	$ 30.00	$ 1,440.00			$ 1,440.00	
Concrete	cy	5	$ 275.00	$ 1,375.00		$ 1,375.00		
Foreman Truck	hr	48	$ 57.71	$ 2,770.08			$ 2,770.08	
Exc/Set/Backfill Handholes (4ea)								
Labor	hr	24	$ 90.00	$ 2,160.00	$ 2,160.00			
Operator	hr	12	$ 113.00	$ 1,356.00	$ 1,356.00			
Foreman	hr	12	$ 113.00	$ 1,356.00	$ 1,356.00			
Backhoe	hr	12	$ 63.25	$ 759.00			$ 759.00	
Compactor	hr	12	$ 30.00	$ 360.00			$ 360.00	
Base	ton	5	$ 35.00	$ 175.00		$ 175.00		
Foreman Truck	hr	12	$ 57.71	$ 692.52			$ 692.52	
Repair Concrete Slab (15SF)								
Finisher	hr	8	$ 96.00	$ 768.00	$ 768.00			
Foreman	hr	4	$ 113.00	$ 452.00	$ 452.00			
Concrete	cy	1	$ 275.00	$ 275.00		$ 275.00		
Lumber	ls	1	$ 100.00	$ 100.00		$ 100.00		
Foreman Truck	hr	4	$ 57.71	$ 230.84			$ 230.84	

PCO 004 (R3) - NV5 Design

	unit	qty	rate	total	Labor	Materials	Equipment	Subcon
Subcontractor Work								
Electrical	ls	1	$ 65,459.89	$ 65,459.89				$ 65,459.89
Core Drill	ea	3	$ 500.00	$ 1,500.00				$ 1,500.00
				$ 109,675.09	$ 30,176.00	$ 1,925.00	$ 10,614.20	$ 66,959.89
			Profit and Overhead		20%	15%	15%	5%
			Subtotal of all costs	**$ 120,939.16**	$ 36,211.20	$ 2,213.75	$ 12,206.33	$ 70,307.88
			Add for Bonds and Insurance	*1%*				
			TOTAL of CHANGE	**$ 122,148.56**				

Control Systems Engineering, Inc.
PO Box 25180, Yuma, AZ 85367
Phone 951-551-6347

COST ESTIMATE SUMMARY

Cost Estimate #: **25.02-02 R3**
Job Name:
El Centro WWTP UV Disinfection Improvements
2255 N La Brucherie Rd
El Centro, CA 92243
CSEI Job Number: 25.02
6/3/2025

To: Pacific Hydrotech
314 E. 3rd Street
Peris, CA 92570

Attention: Greg Chehey, Project Manager

Date Revised: 7/28/2025

DESCRIPTION:
RFI 007 Response - Alternate Pull Box Proposal 3

see the individual worksheets

Totals Transfered from Estimate of Direct Costs					**TOTALS**
(1) Total BURDENED Labor Costs	(2) Total Material Costs	(3) Total Equip Costs			
19,234.04	28,100.28		Subtotal 1, 2 and 3	(5)	$47,334.32
Workman's Comp...		23%			
FICA Combined Med & Soc...		10%			
Calif State Training...		1%			
Calif State and Fed UI...		6%			
		Total Labor Burden	40% of (1)	(6)	$7,693.61
**Imperial County Sales Tax			7.75% of (2)	(7)	$2,177.77
Material Shipping & Handling Costs				(8)	
			Subtotal (5) thru (8)	(9)	$57,205.70
EXCLUSIONS:					
SAWCUT AND REPAIR ASPHALT 146 FT X 42" WIDE					
EXCAVATION & BACKFILL TRENCH 1000 FT X 18" X 42" DEEP					
CORE DRILL WALL (2)5", (1)3" HOLES IN BLOCK WALL (rev 3)					
EXCAVATE, SET & BACKFILL (4) 24"X36" HANDHOLES					
FURNISH, WHACK, ROAD BASE UNDER 4 HANDHOLES					
Contractor Labor Markup			**15%**		$4,039.15
Contractor Material Markup			**15%**		$4,215.04
TOTAL PROPOSED COST OF CHANGE ORDER					**$65,459.89**

REMARKS:
PREVAILING LABOR RATES FOR IMPERIAL COUNTY JOURNEYMAN ELECTRICIANs

Eric Blom, Project Manager
7/30/2025

Job: **El Centro WWTP UV Disinfection**
RFI 007 Response - Alternate Pull Box Proposal 3
see the individual worksheets

Cost Estimate #: **25.02-02 R3**

Contractor's Estimate of Costs

				Labor				Material		Equipment	
No.	Item of Work	No. of Units	Unit	M.H. Per Unit	M.H. Total	Cost/ M.H.	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	24 x 36 Handhole Solid Bottom, Steel H20 Cover (QTY4)	4.00	EA	16.000	64.00	78.09	$4,997.76	$3,160.00	$12,640.00	$0.00	$0.00
2	4" SCH 40 PVC (2 runs 887 ft each)	1,774.00	EA	0.064	113.54	0.00	$8,866.03	$2.69	$4,772.06	$0.00	$0.00
3	2" SCH 40 PVC	290.00	EA	0.033	9.57	0.00	$747.32	$1.01	$292.90	$0.00	$0.00
4	4" DUCT BASE SPACERS	354.00	EA	0.050	17.70	0.00	$1,382.19	$1.32	$467.28	$0.00	$0.00
5	2" DUCT SPACERS	30.00	EA	0.050	1.50	0.00	$117.14	$1.12	$33.60	$0.00	$0.00
6	QUARTS GREY PVC CEMENT	8.00	EA	0.000	0.00	0.00	$0.00	$16.88	$135.04	$0.00	$0.00
7	4" BELL ENDS	16.00	EA	0.050	0.80	0.00	$62.47	$6.95	$111.20	$0.00	$0.00
8	2" BELL ENDS	4.00	EA	0.050	0.20	0.00	$15.62	$3.25	$13.00	$0.00	$0.00
9	4" OCAL 90 ELLS 24R	4.00	EA	0.500	2.00	0.00	$156.18	$1,163.45	$4,653.80	$0.00	$0.00
10	4" OCAL COUPLINGS	8.00	EA	0.050	0.40	0.00	$31.24	$67.34	$538.72	$0.00	$0.00
11	2" OCAL 90 ELLS	4.00	EA	0.500	2.00	0.00	$156.18	$73.74	$294.96	$0.00	$0.00
12	2" OCAL COUPLINGS	8.00	EA	0.050	0.40	0.00	$31.24	$25.24	$201.92	$0.00	$0.00
13	4" PVC FEMALE ADAPTORS	2.00	EA	0.050	0.10	0.00	$7.81	$11.45	$22.90	$0.00	$0.00
14	2" PVC FEMALE ADAPTORS	2.00	EA	0.050	0.10	0.00	$7.81	$3.45	$6.90	$0.00	$0.00
15	SHEET METAL PULL BOX 24X36X12 NEMA 4X	1.00	EA	8.000	8.00	0.00	$624.72	$2,467.00	$2,467.00	$0.00	$0.00
16	4" GRC NIPPLE X 12"	2.00	EA	1.000	2.00	0.00	$156.18	$67.00	$134.00	$0.00	$0.00
17	2" GRC NIPPLE X 12"	1.00	EA	1.000	1.00	0.00	$78.09	$37.00	$37.00	$0.00	$0.00
18	HANDHOLE CABLE RACKING SETS	12.00	EA	1.000	12.00	0.00	$937.08	$37.00	$444.00	$0.00	$0.00
19	6" DETECTABLE WARNING TAPE 1000 FT RL	1.00	EA	2.000	2.00	0.00	$156.18	$284.00	$284.00	$0.00	$0.00
20	SHEET METAL PULL BOX 12x12x6 NEMA 4X	1.00	EA	3.000	3.00	0.00	$234.27	$550.00	$550.00	$0.00	$0.00
26	REMOVE 3 EXISTING 16-2 TSP CABLES	1.00	LS	6.000	6.00	0.00	$468.54	$0.00	$0.00	$0.00	$0.00
24	ADD 3 NEW 16-2 TSP CABLES OPS BLDG TO UV	3,000.00	LS	0.007	21.00	0.00	$1,639.89	$1.57	$4,710.00	$0.00	$0.00
25	**CREDIT POWER PULL BOX 24X36X6 3R	-1.00	EA	0.000	0.00	0.00	$0.00	$495.00	($495.00)	$0.00	$0.00
26	*** CREDIT TEMPORARY REWORKING POWER ??	0.00	EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
27			EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
28			EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
29			EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
31			EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
32			EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
33			EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
34			EA	0.000	0.00	0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	ITEM TOTALS				246		$19,234.04		$28,100.28		$0.00

** WE NEVER PLANNED TO PERFORM THE DOUBLE POWER INSTALLATION DESCRIBED ON NOTES 8&9 SHEET E-07. THIS WAS INEFFICIENT AND REPRESENTED EXCESSIVE OUTAGES AND DESCRIBED TAKING APART NEW CABLE / CONDUITS AND PUTTING IT BACK TOGETHER AGAIN

CONSOLIDATED ELECTRICAL DIST., INC.

323 E. ROSS AVENUE
EL CENTRO CA 92243
TEL: 760 353-2340 FAX: 760 353-9187

CONTACT: JOSE ARTURO CARDONA

ATTN: ERIC

QUOTE FOR: CONTROL SYSTEMS ENG

ACCT #: LB-18903 SHOP

P.O. BOX 25180
YUMA, AZ 85367

QUOTATION		PAGE 001 OF 001	
QUOTE # 1013048	DATE 07/29/25	REV # 000	REV DATE 07/29/25
QUOTE EXPIRES 08/15/2025		PREPARED BY JOSE	
SLS 8600		INSL 5000	
FOB SHIPPING POINT		FREIGHT PREPAID	

CUS PO #:
JOB NAME: EL CENTRO WWTP

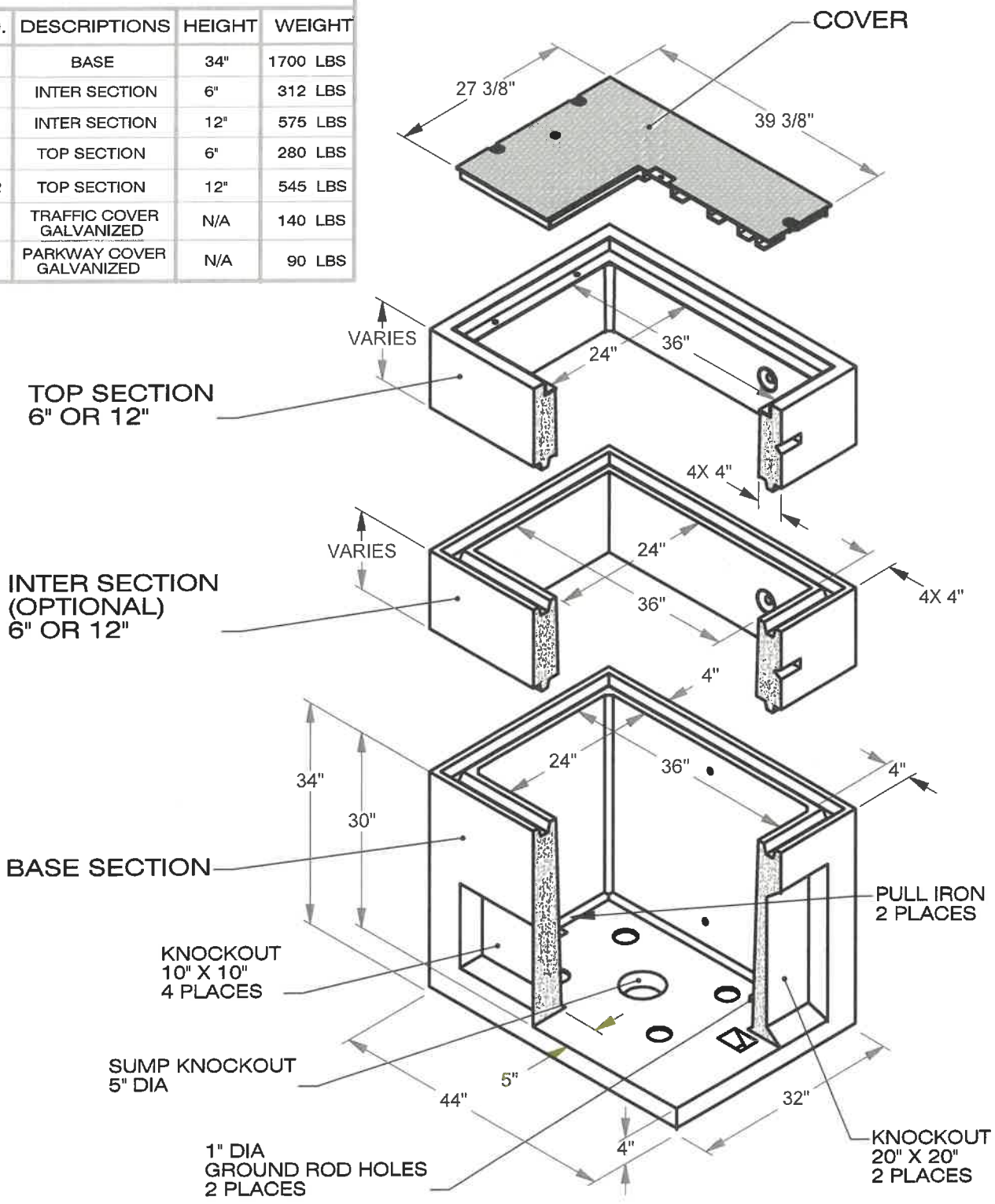
LN	QTY	MFR	CATALOG #	DESCRIPTION
01	1,780	PVC	COND4	SCHEDULE-40 CONDUIT
02	290	PVC	COND2	SCHEDULE-40 CONDUIT
03	354	PVC	BASESPCR4X3	BASE SPACER
04	30	PVC	BASESPCR3X3	3" X 3" BASE SPACER
05	8	PVC	QTGLUECL	#55985 CLEAR GLUE QUART
06	16	PVC	BE4	BELL END 4"
07	4	PVC	BE2	2-IN-PVC-END-BELL
08	2	PVC	FA4	FEMALE ADPT
09	2	PVC	FA2	FEMALE ADPT
10	2	TOPAZ	6410	4 X CL GALVANIZED NIPPLE
11	1	TOPAZ	6456	2 X CL GALVANIZED NIPPLE
12	1	DOT	DU01	CAUTION TAPE DETECTABLE 3X1000

MDSE:	6,950.94
TAX:	573.45
TOTAL:	7,524.39

PLEASE NOTE: THIS IS NOT AN OFFER TO CONTRACT, BUT MERELY A QUOTATION OF CURRENT PRICES FOR YOUR CONVENIENCE AND INFORMATION. ORDERS BASED ON THIS QUOTATION ARE SUBJECT TO YOUR ACCEPTANCE OF THE TERMS AND CONDITIONS LOCATED AT SALES.OUR-TERMS.COM, WHICH WE MAY CHANGE FROM TIME TO TIME WITHOUT PRIOR NOTICE. WE MAKE NO REPRESENTATION WITH RESPECT TO COMPLIANCE WITH JOB SPECIFICATIONS.

CONFIGURATION BLOCK

PART NO.	DESCRIPTIONS	HEIGHT	WEIGHT
2436VF	BASE	34"	1700 LBS
2436X6	INTER SECTION	6"	312 LBS
2436X12	INTER SECTION	12"	575 LBS
2436TOP-6	TOP SECTION	6"	280 LBS
2436TOP-12	TOP SECTION	12"	545 LBS
2436CSTG	TRAFFIC COVER GALVANIZED	N/A	140 LBS
2436CSPG	PARKWAY COVER GALVANIZED	N/A	90 LBS



Phone: (619) 240-8000
Fax: (619) 661-1038

Oldcastle Precast

2735 Cactus Road
San Diego, CA 92150

DESCRIPTION: 24" X 36" PULLBOX

WEIGHT: SEE CONFIG. BLOCK

CONCRETE: 5,000 PSI

PART NO. 2436VF

REF:

WWW.OLDCASTLE.COM

NPCA CERTIFIED PLANT

Oldcastle Infrastructure
A CRH COMPANY

Contract & Proposal

Quote No. .....: S310858-2

10441 VINE ST
LAKESIDE, CA 92040 2415

Telephone : 619-240-8000
Fax .....: -

oldcastleinfrastructure.com

Quote To .: Will Call - SoCal

Ship To .: EL CENTRO WASTEWATER
NEED ADDRESS
El Centro, CA 92243

Reference : **Contact:** ALL **Phone:** 000-000-0000

Order No	Date	Customer No	Terms	Cash discount	Delivery terms	Quote valid for:
S310858	7/23/2025	200154	Cash in Advance		Plant Pickup	30 days

Qty	Unit	Item	Description	Mark	Unit price	Amount
1.00	Ea	0000001	ADD $100 PER BOX TO SWAP A 6" TOP FOR A 12" TOP. IF ALSO USING EXTENSIONS, THE: 6" EXTENSION IS $395 EACH 12" ETENSION IS $445 EACH			

Group: A

Qty	Unit	Item	Description	Mark	Unit price	Amount
4.00	Ea	990017600	24X36 PULLBOX-FLAT WALL K/O		2,385.00	9,540.00
4.00	Ea	990017560	2436 TOP SECTION 6"			
4.00	Ea	990017520	24X36 COV TRAF W/ PLATE HOLE,27-1/2x39-1/2			
4.00	Ea	990026010	FCP Plate,Name,3/16x3x7-1/2,Galv,MARKED "ELECTRIC"			

Group: B

Qty	Unit	Item	Description	Mark	Unit price	Amount
1.00	$	9400010	FOB Jobsite (non taxable)		1,120.00	1,120.00
1.00	$	9400251	Fuel Delivery Surcharge - NonTaxable			

Tax Code	Taxable amount	Tax Rate	
CA	9,540.00	6.25	596.25

$1980. + $9540. + $1120 = $12640. pre tax

($1264 / 4 units = $3160 each pull box with accessories and delivery)

EAB, CSEI 7-29-2025

Oldcastle Infrastructure
A CRH COMPANY

Contract & Proposal

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10441 VINE ST
LAKESIDE, CA 92040 2415

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El Centro, CA 92243

Reference : **Contact:** ALL **Phone:** 000-000-0000

Order No	Date	Customer No	Terms	Cash discount	Delivery terms	Quote valid for:
S310858	7/23/2025	200154	Cash in Advance		Plant Pickup	30 days

Tax Code	Taxable amount	Tax Rate	
CA-Imperia	9,540.00	0.50	47.70
CA-Local	9,540.00	1.00	95.40

Oldcastle Infrastructure Commercial Clarifications
5/1/23
Special Products:
1) Any special product(s) and high-volume standards (collectively, "Special Products") will be invoiced on a mutually agreed upon in writing delivery date and ownership transferred, upon Invoicing. Oldcastle Infrastructure, Inc. ("Oldcastle") reserves the right to require full or partial pre-payment for any Special Products ordered.
2) Special Products may not be returned.
3) If Special Product(s) cannot be accepted within 30 days of invoicing, a 10% storage fee will be assessed monthly unless otherwise agreed upon in writing.

Delivery:
4) The site must be accessible by delivery vehicles under their own power. If the material is to be delivered and set by Oldcastle, acceptability to the site will be determined by the boom operator.
5) Freight charges quoted are based on full truckload quantities. Short loads will be subject to additional charges to cover the cost of delivery.
6) Deliveries canceled with less than 24 hours' notice are subject to full delivery charge.
7) Delivery includes one hour for offloading. Additional time in excess of one hour will be invoiced at an hourly rate.
8) A restocking fee of up to 40% may be charged on undamaged, standard products. Freight charges for returned product on Oldcastle equipment will also be applicable.
9) All Returns must be approved by Oldcastle. Returns will not be accepted after 90 days from date of purchase.

Pricing:
10) Oldcastle must be notified if a project requires prevailing wages as additional costs may be applied to the quotation.
11) Pricing is valid for 30 days from the date of this quote.
12) A 2.09% surcharge will be imposed on all Credit Card transactions, which is not greater than our cost of acceptance. A

Oldcastle Infrastructure
A CRH COMPANY

Contract & Proposal

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LAKESIDE, CA 92040 2415

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NEED ADDRESS
El Centro, CA 92243

Reference : **Contact:** ALL **Phone:** 000-000-0000

Order No	Date	Customer No	Terms	Cash discount	Delivery terms	Quote valid for:
S310858	7/23/2025	200154	Cash in Advance		Plant Pickup	30 days

surcharge will not be applied to any ACH or Debit Card transaction.
13) Pricing remains valid for 180 days from order confirmation. For orders that have not shipped or transferred ownership to the buyer after 180 days, we reserve the right to implement a 1.5% quarterly price escalation fee.
14) If during the performance of this contract the cost of materials significantly increases through no fault of the seller, we reserve the right to equitably adjusted the price of this contract by an amount reasonably necessary to cover any such significant increase in the costs of materials. As used herein, a significant cost increase shall mean any increase in cost of materials exceeding 6% experienced by seller from the date of the contract signing.

Additional Items:
15) Every effort has been made to provide an accurate take-off however, the quantities are not guaranteed by Oldcastle but provided for the buyer's convenience only. It is the buyer's responsibility to verify the accuracy of the project requirements and quantities. Changes in quantities, dimensions, or specifications from this quote may require an adjustment in price. Buyer agrees to pay per unit price for the actual number of units delivered. Excludes CIP base, PVC, T-Lock, Raven, polyurethane coatings, exterior coatings, steps, night work, or deliveries, vacuum testing, and M-4 locking devices.
All products and services listed on this Quotation are provided under OLDCASTLE INFRASTRUCTURE, INC's Standard Terms and Conditions located at: https://oldcastleinfrastructure.com/support/terms-conditions/

$1980. + $9540. + $1120 = $12640. pre tax

($1264 / 4 units = $3160 each pull box with accessories and delivery)

EAB, CSEI 7-29-2025

QUOTATION TOTAL US 11,399.35

IMPORTANT: This proposal is based on standard terms and conditions. Items and quantities shown are the basis for the quotation, and we are not responsible for any discrepancies between this list and actual items or quantities.

Sales Person: DanBurke Telephone: 619-240-8014

(Accepted by)

By: _____

(Position) (Date)

Free shipping on orders over $1000 View Details

WIRE & CABLE YOUR WAY

$1.57 /ft.

● In Stock

Belden 1118A 16 AWG 1 Pair Shielded Tray Cable 600V. Cut by the foot.

Min: **50 ft.**, Max: **1000 ft.**

☑ 1st Length	1000	ft.
☐ 2nd Length	0	ft.
☐ 3rd Length	0	ft.
☐ 4th Length	0	ft.

+Add a length

ADD TO CART

ADD TO QUOTE

Free Shipping on all orders over $1000

Belden 1118A 16 AWG 1 Pair Shielded Tray Cable 600V

SKU: BEL1118A-FT **CUT TO LENGTH - SOLD BY THE FOOT**



Product Details

PRODUCT DETAILS

Learn everything you want to know about this product to make an informed purchase

Cut to length - sold by the foot. Enter the desired footage in the QTY box.

General Description

Belden 1118 16 AWG pairs stranded (7x24) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil shield (100% coverage), PVC jacket, Direct Burial.

Spec Sheet

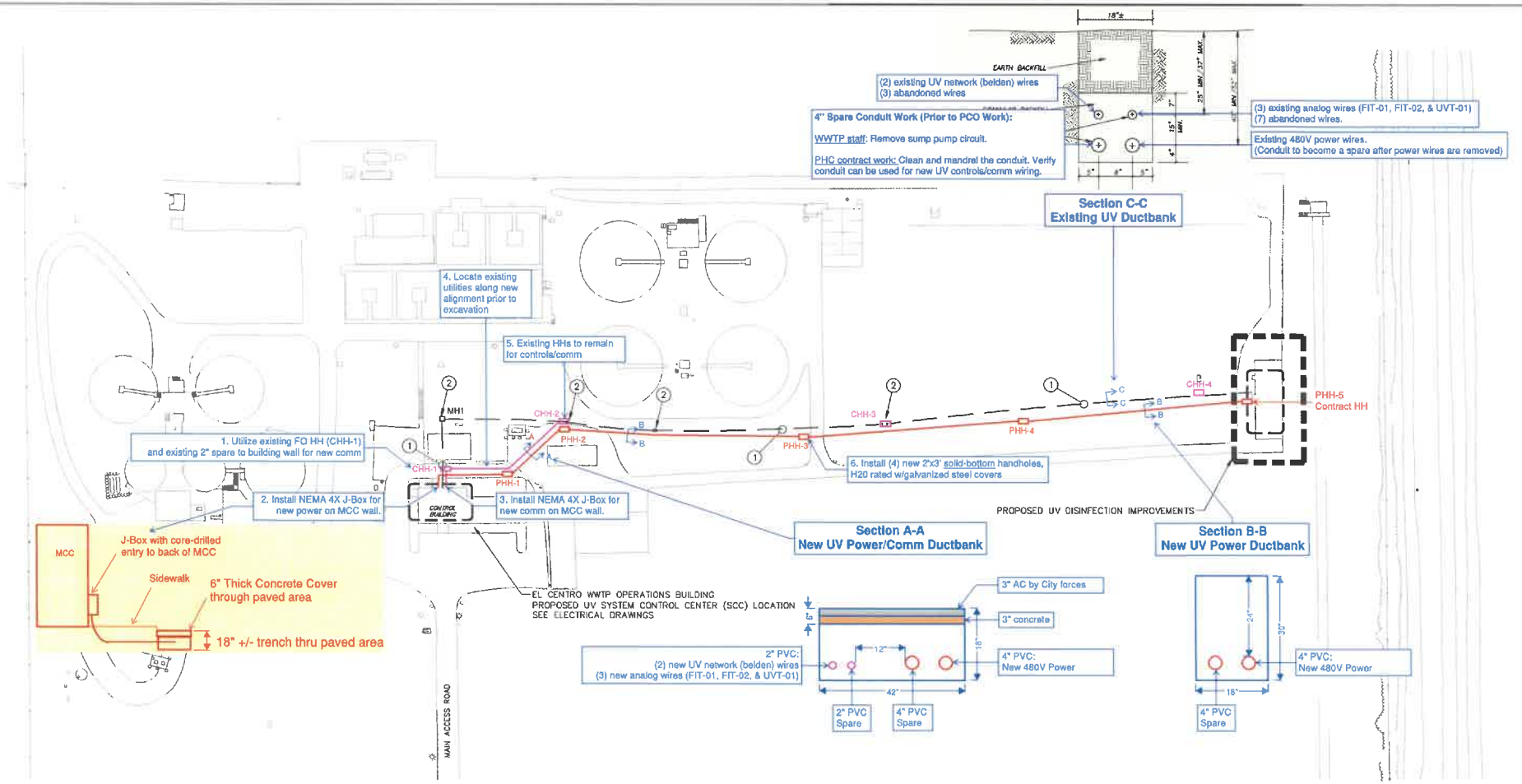
View Spec Sheet for Complete Details (PDF)

Belden 1118A Specifications

Conductor Size AWG:	16AWG
Conductor Material:	Bare Copper
Outside Diameter:	0.300 in.
Jacket Color:	Black
Jacket Material:	PVC (Polyvinyl Chloride)

More Information

COOKIE SETTINGS



SITE MAP
SCALE: 1" = 50'

KEYED NOTES

1. EXISTING ELECTRICAL SERVICE AND COMMUNICATIONS CONDUIT (2) 3" POWER AND (2) 2" COMM, SHALL REMAIN AND BE MAINTAINED AS IS UNLESS OTHERWISE NOTED.
2. EXISTING ELECTRICAL SERVICE AND COMMUNICATIONS MANHOLES AND JUNCTION BOXES SHALL REMAIN AND BE MAINTAINED AS IS UNLESS OTHERWISE NOTED.

PCO 004 SKETCH SK1.1
2025.08.01

DATE: _____ TIME: _____
SERVER: _____ LAYOUT: _____
PATH: _____
DRAWING NAME: _____
PAGE SETUP: _____
DESIGNER: _____ PROJ. MGR: _____

NO.	BY	DATE	REVISIONS

CAUTION: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

NV5
15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 858.385.0500 WWW.NV5.COM

EL CENTRO WWTP – UV DISINFECTION IMPROVEMENTS
SITE ELECTRICAL PLAN

PREPARED FOR: CITY OF EL CENTRO
DATE SUBMITTED: JUNE 2024

DRAWING NUMBER: E-02
OF 21 SHEETS
SCALE: VERTICAL: 1" = HORIZONTAL: 1"
JOB NUMBER: 227521-0001309.05


Utilize existing FO HH (CHH-1)
and existing 2" spare to building wall for
new comm


J-Box for entry into back side of MCC similar to existing
Add j-box for controls/comm
2" spare for UV controls/comm

Discussion and any necessary action regarding the cancellation of the October 7, 2025, City Council Meeting.

CITY MANAGER'S RECOMMENDATION:
Council may choose to cancel this meeting. Should any matter require immediate Council direction or action, a special meeting may be called.

FISCAL IMPACT:
None

STRATEGIC PLANNING PROGRAM 2022-2027 RELATION:

DUE DILIGENCE CHECK FOR CONTRACTORS/CONSULTANTS: DID THE DEPARTMENT VERIFY CURRENT EL CENTRO BUSINESS LICENSE, CONTRACTOR'S LICENSE, REFERENCE CHECKS, INSURANCE, ETC.:

BACKGROUND:
Advanced notice of a canceled meeting allows Council members and staff to plan accordingly. Staff have indicated that there are currently no pending items requiring action on October 7, 2025.

DISCUSSION:
The Council may select to cancel the meeting. Should a matter require immediate Council direction or action, a special meeting could be called.

CONCLUSION:
Cancellation of the October 7, 2025, City Council meeting.

ATTACHMENTS:
None