

DOCUMENT 00 9113

**ADDENDUM NO. 2
10/10/24**

SPECIFICATION NO. 24-11649-C

CITY OF BERKELEY

OHLONE PARK RESTROOM AND LIGHTING

**1502 DELAWARE STREET, 1641 HEARST AVE, 1701 HEARST AVE, 1800 HEARST AVE
BERKELEY, CA 94709**

The following clarifications are hereby made to the subject documents:

Project Plans

1. Replace the following sheets with updated sheets:
 - a. Romtec Pre-fab restroom sheets:
 - i. G0 – added clarification on general note
 - ii. G1 – revised special inspection note
 - iii. S7.2 – revised location of callouts so they didn't block other information
 - iv. E1 – clarified scope of work for underground electrical
 - v. E2 – clarified scope of work of service utility equipment in detail 1

Questions and Responses:

1. Is there an existing sanitary main that the Romtec pre-fabricated restroom can be connected to? Will this be a waterless system?

Response There is an existing sanitary main in Hearst Avenue that this new prefab restroom will connect to. Please refer to sheet C-3.0 Utility Plan for the sanitary lateral scope of work that should be included in the bid.

The prefab restroom will not be waterless. EBMUD will be installing the 1-inch service and meter including trenching, backfilling, and restoration. Anything beyond this shown on the plans is scope of work that is included in the contract and should be included in the bid. Please refer to sheet C-3.0 Utility Plan for the domestic water scope of work.

2. Can you provide a lighting schedule?

Response Luminaire schedule is provided on sheet E-0.1 and layout information of each light fixture is provided on sheet L-1.1. Relevant information has been collated into one document for ease in reference, see attached.

3. Do you have PG&E plans for the new service to the pre-fab restroom to share?

Response Not yet, but it is anticipated that the new service will be from the nearest PG&E power pole located along Hearst Ave. Please refer to sheets E-1.2 and E-2.1. Contractor shall be responsible for the installation of conduit from the PG&E

power pole to the Service Enclosure and conduit and wire from the Service Enclosure to the restroom, including trenching, backfilling, restoration. PG&E will pull wire from the power pole to the Service Enclosure.

4. Which permits will be the responsibility of the contractor?

Response BART permit and engineering permit for sanitary sewer lateral.

The Bid Opening time and date remains Thursday, October 17, 2024 at 2:00 P.M. The location of opening will be at 2180 Milvia Street, 1st Floor Conference Room. All other requirements of the contract remain the same. Bidder shall acknowledge receipt of this Addendum on the Bid Form.

The location of opening at the 1st Floor Conference Room may change as needed to accommodate the number of attendees. Staff will be present to direct the bidders to the bid opening. Bidders shall allow sufficient time to deliver their bids by the deadline and check the city's website <https://berkeleyca.gov/doing-business/working-city/bid-proposal-opportunities/ohlone-park-restroom-and-lighting-project> for the most up to date information for where to deliver their bids.

THE ADDENDA MUST BE ACKNOWLEDGED BY SIGNATURE WITH SUBMISSION OF DOCUMENT 00 4113 "BID FORM". FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID.

Sincerely,



Stacey Rutherford
Associate Civil Engineer
Department of Parks, Recreation and Waterfront

END OF DOCUMENT

LUMINAIRE SCHEDULE

TYPE: PA
DESCRIPTION: TWIN POLE TOP LUMINAIRE
DISTRIBUTION: ASYMMETRIC FORWARD THROW
MOUNTING: 3"OD POLE TOP, 14FT POLE

FINISH: GLOSS FINISH COLOR SELECTED BY LANDSCAPE ARCHITECT
DRIVER/BALLAST: 0-10V DIMMABLE
LED/LAMPS: 6702 LUMENS, 3000K, 80CRI
WATTS: 52W
MANUFACTURER: BEGA #84 248 WITH #14 RFTS1 POLE OR APPROVED
 LUMINAIRE PROVIDED WITH ON-BOARD PHOTOCELL, MFG MOD #84288/04873 3000K

NOTES:
TYPE: BA
DESCRIPTION: CONCRETE BOLLARD
DISTRIBUTION: 360 DEGREE SYMMETRICAL LOW LEVEL ILLUMINATION
MOUNTING: ---
FINISH: ---
DRIVER/BALLAST: INTEGRAL 300mA DRIVER
LED/LAMPS: 28 LUMENS PER WATT, 3000K
WATTS: 22W

MANUFACTURER: VISIONAIRE #EDS-1B-COG-20LC-3-3-UNV-AB-FG OR APPROVED
NOTES: PROVIDE ANTI GRAFITTI COATING

TYPE: FA
DESCRIPTION: COMPACT FLOODLIGHT
DISTRIBUTION: ---
MOUNTING: COUPLER MOUNTED TO EXISTING POLE
FINISH: STANDARD SELECTED BY LANDSCAPE ARCHITECT
DRIVER/BALLAST: INTEGRAL 0-10V DRIVER
LED/LAMPS: 1335LUMENS, 3000K
WATTS: 16W

MANUFACTURER: BEGA #77 684 OR APPROVED. MOUNT WITH COUPLER #71 042
NOTES:

TYPE: SC1
DESCRIPTION: SPORTS COURT LIGHTING
DISTRIBUTION: ---
MOUNTING: 16FT POLE
FINISH: STANDARD SELECTED BY LANDSCAPE ARCHITECT
DRIVER/BALLAST: 0-10V INTEGRAL DRIVER UNIVERSAL VOLTAGE (240V)
LED/LAMPS: 34088LUMENS, B4-U0-G3, 4000K
WATTS: 331W

MANUFACTURER: VISIONAIRE #BLX-II-6-T3-192LC-10-4K-UNV-PT OR APPROVED
 POLE: #RTAP-16-S1-XX OR APPROVED
NOTES:

TYPE: SC2
DESCRIPTION: BASKETBALL COURT LIGHTING
DISTRIBUTION: ---

MOUNTING: MOUNT TO EXISTING 30FT POLE. PROVIDE REQUIRED FITTINGS.
FINISH: STANDARD SELECTED BY LANDSCAPE ARCHITECT
DRIVER/BALLAST: 0-10V INTEGRAL DRIVER UNIVERSAL VOLTAGE (240V)
LED/LAMPS: 58862LUMENS, B4-U0-G3, 4000K
WATTS: 659W

MANUFACTURER: VISIONAIRE #BLX-II-6-T3-192LC-10-4K-UNV-PT-XX-CLS OR APPROVED
NOTES:

Light Code	Light Type	Height	Setback from ROW	Detail
Light #1.1	Pole Mounted Type PA	13' - 8"	142' - 1"	1/E4.1
Light #1.2	Pole Mounted Type PA	13' - 8"	53' - 11"	1/E4.1
Light #2.1	Pole Mounted Type PA	13' - 8"	6' - 1"	1/E4.1
Light #2.2	Pole Mounted Type PA	13' - 8"	6' - 11"	1/E4.1
Light #2.3	Sport-Court Type SC1	16' - 0"	82' - 2"	1/E3.2
Light #2.4	Sport-Court Type SC1	16' - 0"	82' - 2"	1/E3.2
Light #2.5	Sport-Court Type SC1	16' - 0"	29' - 5"	1/E3.2
Light #2.6	Sport-Court Type SC1	16' - 0"	20' - 0"	1/E3.2
Light #2.7	Type FA mounted to (E) pole	15' - 0"	4' - 6"	2/E3.2 + 2/E4.1
Light #2.8	Type FA mounted to (E) pole	15' - 0"	4' - 6"	2/E3.2 + 2/E4.1
Light #2.9	Type FA mounted to (E) pole	15' - 0"	4' - 6"	2/E3.2 + 2/E4.1
Light #2.10	Type FA mounted to (E) pole	15' - 0"	4' - 6"	2/E3.2 + 2/E4.1
Light #2.11	Sport-Court Light on (E) post Type SC2	30' - 0"	70' - 11"	2/E3.2
Light #2.12	Sport-Court Light on (E) post Type SC2	30' - 0"	70' - 11"	2/E3.2
Light #2.13	Sport-Court Light on (E) post Type SC2	30' - 0"	4' - 6"	2/E3.2
Light #2.14	Sport-Court Light on (E) post Type SC2	30' - 0"	4' - 6"	2/E3.2
Light #3.1	Pole Mounted Type PA	13' - 8"	6' - 11"	1/E4.1
Light #3.2	Pole Mounted Type PA	13' - 8"	5' - 7"	1/E4.1
Light #3.3	Bollard light Type BA	3' - 6"	1' - 3"	4/E3.1 + 3/E4.1
Light #3.4	Bollard light Type BA	3' - 6"	1' - 3"	4/E3.1 + 3/E4.1
Light #3.5	Bollard light Type BA	3' - 6"	1' - 3"	4/E3.1 + 3/E4.1
Light #4.1	Pole Mounted Type PA	13' - 8"	22' - 1"	1/E4.1

ROMTEC

18240 NORTH BANK ROAD - ROSEBURG, OR 97470
(541)-496-3541 FAX (541)-496-0803

PROJECT INFORMATION

PROJECT NAME **OHLONE PARK**
 PROJECT I.D. **OHLO1**
 MODEL # **4007 SIDEWALK DOUBLE RESTROOM**
 SITE ADDRESS **1701 HEARST AVE.**
 CITY / STATE **BERKELEY, CA 94703**

NOTE:

2 ROMTEC IS NOT RESPONSIBLE FOR ANY SITE DESIGN OR ENGINEERING AND WILL NOT BE HELD ACCOUNTABLE OR LIABLE FOR ANY ISSUES RELATED TO THIS SITE. CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE THIS BUILDING, SET FLOOR AND ADJACENT ELEVATIONS, DETERMINE SITE IS SUITABLE FOR CONSTRUCTION, VERIFY ALL UTILITIES, ETC.

GENERAL NOTES:

1. ROMTEC SHALL REVIEW THE DRAWINGS THOROUGHLY BEFORE PROCEEDING WITH ANY WORK. ANY DISCREPANCIES FOUND WITHIN THESE DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF ROMTEC. ROMTEC SHALL NOT PROCEED WITH ANY WORK HE KNOWS TO BE IN CONFLICT WITH OTHER WORK, OR IS NOT APPROVED BY CODE, UNTIL RESOLVED BY ROMTEC OR THE ENGINEER/ARCHITECT.
2. ROMTEC SHALL MAINTAIN GENERAL LIABILITY INSURANCE AND WORKER'S COMP. INSURANCE.
3. QUESTIONS CONCERNING MATERIALS OR CONSTRUCTION CONTACT ROMTEC TECHNICAL ASSISTANCE AT: 541-496-3541
4. ROMTEC SCOPE SUPPLY AND DESIGN SUBMITTAL (SSDS) IDENTIFY SPECIFIC MODEL, MANUFACTURER & BRAND OF ALL PLUMBING AND ELECTRICAL FIXTURES AND ACCESSORIES. REFER TO THE SSDS FOR SPECIFIC LIST OF ITEMS SUPPLIED BY ROMTEC, ANY ITEMS NOT LISTED IN THE SSDS IS ASSUMED SUPPLIED BY THE INSTALLER.
5. THE OWNER / ROMTEC MAY EXERCISE DISCRETION IN SELECTING THE FINAL LOCATION FOR NON-DIMENSIONED ACCESSORIES AND FIXTURES (E.G., LIGHTS, COMFORT HEATERS, ETC.)

ELECTRICAL NOTE: TIGHTENING TORQUE VALUES FOR TERMINAL CONNECTIONS SHALL BE AS INDICATED ON EQUIPMENT OR IN INSTALLATION INSTRUCTIONS PROVIDED BY THE MANUFACTURER. AN APPROVED MEANS SHALL BE USED TO ACHIEVE THE INDICATED TORQUE VALUE. [CEC 110.14(d)]

REV.	DATE	BY	DESCRIPTION
6	09/24/24	CR	GO,G1
5	09/19/24	JL	GO,G1,S7.2,
4	08/19/24	CR	GO,G1,S7.1,S7.2,S7.3,S9.1
3	08/08/24	CR	GO,A1.1,A2.1,S7.2,S7.3,S9.1,P2,E1
1	06/27/2024	ZN	S7.1, S7.2
1	06/26/25	CR	GO,G1,S7.1,S7.2,E1,E3

SHEET SCHEDULE	
SHEET	CONTENTS
GO	COVER SHEET / REVISION & SHEET SCHEDULE
G1	CODES & STANDARDS
A1.1	FLOOR PLAN
A2.1	EXTERIOR ELEVATION VIEWS
S7.1	FOUNDATION PLAN
S7.2	FOUNDATION DETAILS
S10.1	ROOF PLAN
P1	PLUMBING SCHEDULE
P2	PLUMBING PLAN
E1	ELECTRICAL SCHEDULE & PLAN
E2	ELECTRICAL DETAILS
E3	ELECTRICAL PANEL SCHEDULE
E4-E8	TITLE 24 COMPLIANCE DOCUMENTS
1-45	SIDEWALK RESTROOM SW-4007-1002

9/25/2024



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PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
 OHLONE PARK
 BERKELEY, CALIFORNIA
 SHEET TITLE: COVER SHEET

PSE Consulting Engineers, Inc.
 www.structure1.com
 Klamath Falls Office
 250 Main Klamath Falls, Oregon 97603
 Phone: (541) 850-6300 Fax: (541) 850-6233
 info@structure1.com
 ROMTEC # 224-083

18240 NORTH BANK ROAD
 ROSEBURG, OR 97470
 (541)-496-3541 FAX (541)-496-0803

PLAN SET# **OLH01**
 DATE: **06/13/2024**

REV.	DATE	BY
3	08-08-2024	CR
4	08-19-2024	CR
5	09-19-2024	JL
6	09-24-2024	CR

SHEET NO.

GO

CODES AND STANDARDS

- 2022 CALIFORNIA BUILDING CODE (CBC), TITLE 24 PART 2 (BASED ON 2021 IBC)
- 2022 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3 (BASED ON 2020 NFPA, NEC)
- 2022 CALIFORNIA MECHANICAL CODE, TITLE 24 PART 4 (BASED ON 2021 UMC)
- 2022 CALIFORNIA PLUMBING CODE, TITLE 24 PART 5 (BASED ON 2021 UPC)
- 2022 CALIFORNIA BUILDING ENERGY CODE, TITLE 24 PART 6
- 2022 CALIFORNIA FIRE CODE, TITLE 24 PART 9, (BASED ON 2021 IFC)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

- ACI AMERICAN CONCRETE INSTITUTE, ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
- ACI AMERICAN CONCRETE INSTITUTE, ACI 530, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES"
- AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION
"STEEL CONSTRUCTION MANUAL, 13TH EDITION"

CODE SUMMARY:

OCCUPANCY TYPE: U
 CONSTRUCTION: VB
 AREA: 150 SQ FT
 AREA ALLOWABLE: 5,500 SQ FT
 HEIGHT: 1 STORY
 HEIGHT ALLOWABLE: 1 STORY
 OCCUPANT LOAD: 3

DESIGN LOADS

ROOF: LIVE LOAD 20 PSF
 ROOF: DEAD LOAD 10 PSF
 WALL DEAD LOAD 10 PSF
 IBC SEISMIC DESIGN CATEGORY E
 DESIGN WIND SPEED (ULTIMATE) 100 MPH
 EXPOSURE C
 ALLOWABLE SOIL BEARING 1500 PSF

SEISMIC DESIGN DATA:

RISK CATEGORY: II
 IMPORTANCE FACTOR: 1.0
 SS: 2.128
 S1: 0.820
 SITE CLASS: D
 SMS: 2.553
 SM1: 1.394
 SDS: 1.702
 SD1: 0.929

WIND DESIGN :

RISK CATEGORY: II
 WIND SPEED = 100 MPH
 EXPOSURE: C
 INTERNAL PRESSURE COEFF = ± 0.55

SEISMIC DESIGN CATEGORY: E
 R = 3.5
 BASE SHEAR: V = 0.486 W

MOMENT RESISTING FRAME SYSTEM:
 STEEL ORDINARY MOMENT FRAME

ANALYSIS METHOD: EQUIVALENT STATIC FORCE METHOD

SPECIAL INSPECTIONS
 CONCRETE SPECIAL INSPECTION NOT REQUIRED PER IBC 1705.3
 EXCEPTION 2.3 [FOOTINGS]
 EXCEPTION 3 [SLAB]

2

SPECIAL INSPECTION IS REQUIRED FOR ALL STEEL WELDED CONNECTIONS REGARDLESS OF THE FABRICATION LOCATION, WELD SIZE OR PROPOSED USE OF THE STEEL ELEMENTS PER CBC 1705.2 AND 1705.2.1.

MOHAWK METALS
 SPECIAL INSPECTORS FOR VT WELD INSPECTIONS
 CWI -TYLER RICE 541-338-5633
 CAWI -BEN TEEM 541-338-5628

9/25/2024



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PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
 OHLONE PARK
 BERKELEY, CALIFORNIA
 SHEET TITLE: CODES & STANDARDS

PSE Consulting Engineers, Inc.
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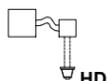
PLAN SET# OLH01
 DATE: 06/13/2024

REV.	DATE	BY
1	06-26-2024	CR
4	08-19-2024	CR
5	09-19-2024	JL
6	09-24-2024	CR

DRAWN BY: CR

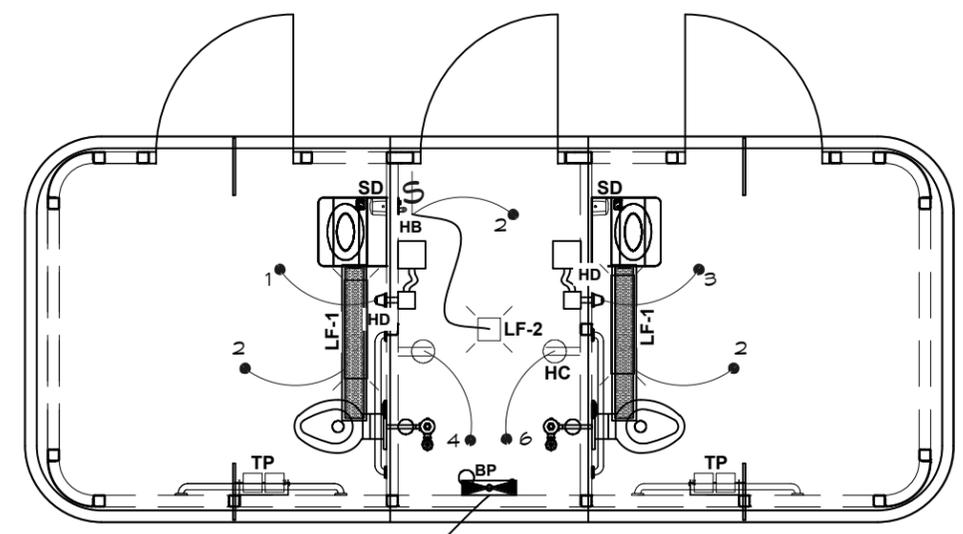
SHEET NO. **G1**

ELECTRICAL FIXTURE SCHEDULE:

1		100 AMP BREAKER PANEL
PER PLAN		HOME RUN TO BREAKER PANEL
2		LIGHT FIXTURE, WALL MOUNT UL LISTED TO U.S. SAFETY STANDARDS FOR ALL WET LOCATIONS WALL MOUNT, NEW STAR LED, VICTORY VIC2W-L2-50-1C-RW-12-WH-OC: (25W) (.2273A)
1		LIGHT FIXTURE, CEILING MOUNT UL LISTED TO U.S. SAFETY STANDARDS FOR ALL WET LOCATIONS CEILING MOUNT, VANDAL RESISTANT LED, LITHONIA OLYTCM 42F: (15W) (.13A)
1		SWITCH, SINGLE POLE MOUNTED A MAX OF 48" ABOVE THE FLOOR
1		110 VAC DUPLEX RECEPTACLE, GROUND FAULT PROTECTED MOUNTED MIN OF 15" TO MAX OF 48" ABOVE THE FLOOR CONFIRM EXACT LOCATION & HEIGHT WITH OWNER OR OWNERS REPRESENTATIVE.
1		110 VAC DUPLEX RECEPTACLE, GROUND FAULT PROTECTED DEDICATED RECEPTACLE FOR WATER PIPE HEAT CABLE - MOUNTED MIN 15" TO MAX 48" ABOVE FLOOR CONFIRM EXACT LOCATION & HEIGHT WITH OWNER OR OWNERS REPRESENTATIVE.
2		HAND DRYER FASTAIRE, HD-03: (900W) (120V) (7.5A)



FOR GRID-TIE SOLAR SYSTEM
REFER TO SOLAR PANEL
LAYOUT DETAIL 2/S9.1

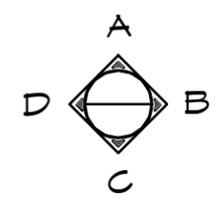


UNDERGROUND ELECTRICAL SERVICE VERIFY REQUIREMENTS FOR TYING INTO SERVICE UTILITY EQUIPMENT

1

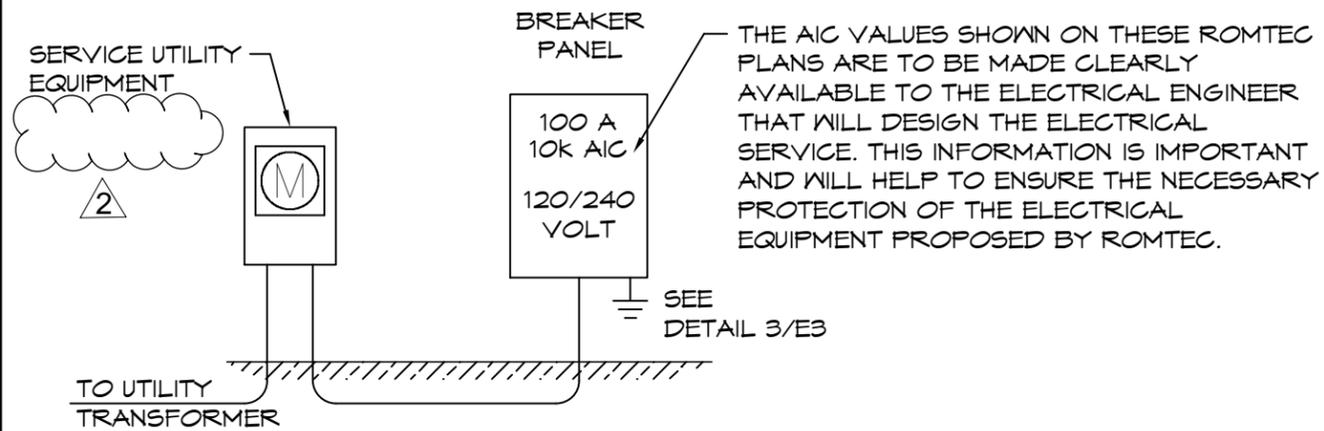
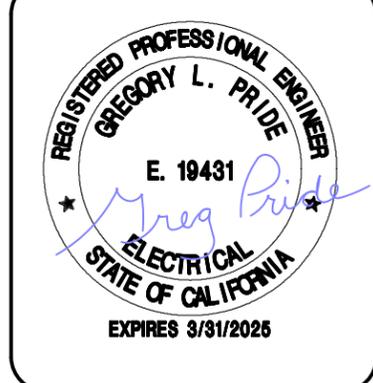
ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

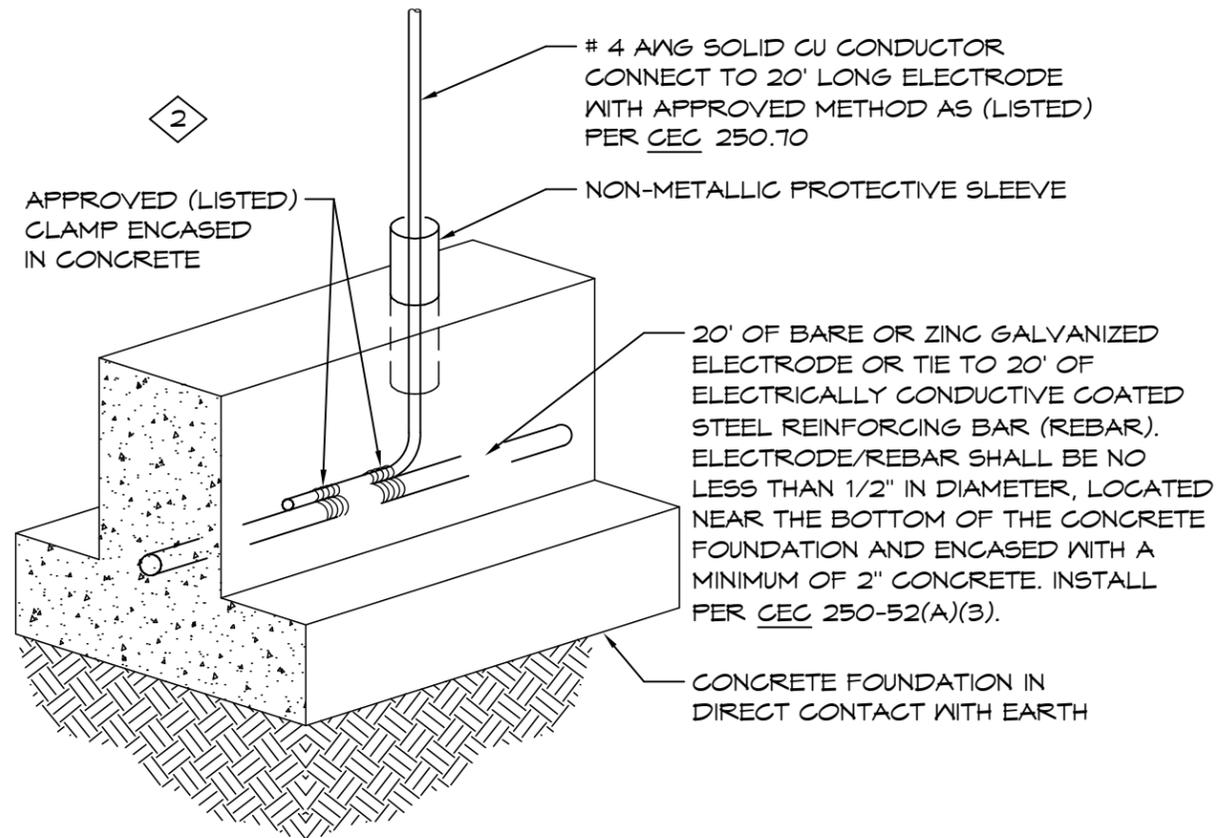


 DOUBLE 'E' ENGINEERING, LLC Myrtle Point, Oregon www.e-engineering.com			18240 NORTH BANK ROAD ROSEBURG, OR 97170 (541) 496-3841 FAX (541) 496-0803
PROJECT: 4007 SIDEWALK DOUBLE RESTROOM OHLONE PARK BERKELEY, CALIFORNIA			
SHEET TITLE: ELECTRICAL SCHEDULE & PLAN			
PLAN SET#	OLHO1		
DATE:	06/13/2024		
REVISIONS			
REV.	DATE	BY	
1	06-26-2024	CR	
3	08-08-2024	CR	
DRAWN BY: CR			

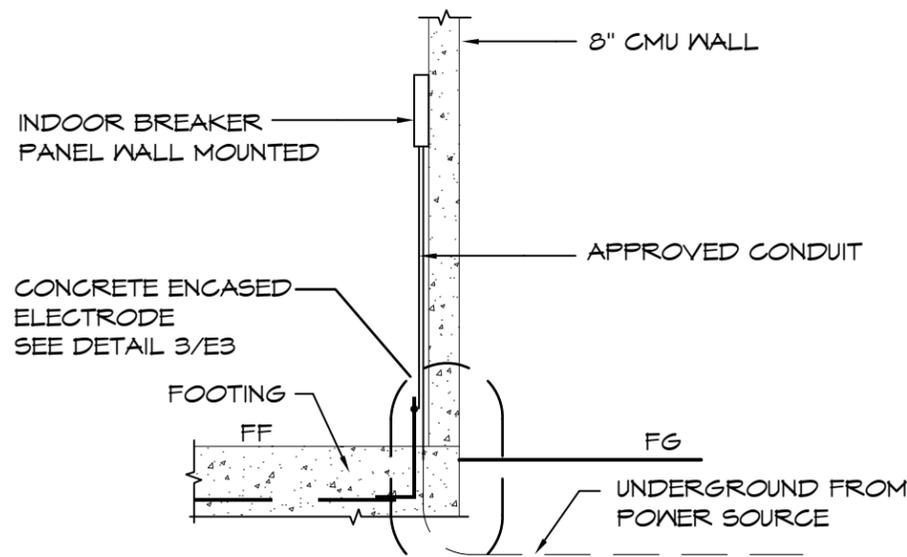
SHEET NO.
E1



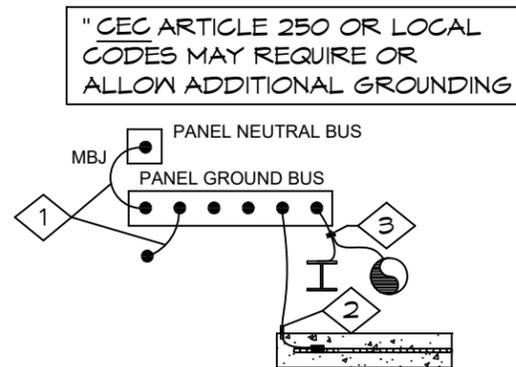
1 ONE-LINE DIAGRAM
SCALE: NONE



3 CONCRETE ENCASED SERVICE GROUND
SCALE: NONE



2 RISER DIAGRAM
SCALE: NONE



4 GROUNDING/BONDING DETAIL
SCALE: NONE

KEYED NOTES

- 1 #4 CU MAIN BONDING JUMPER AND EQUIPMENT BONDING JUMPER PER CEC 250.28(D), 250.102(C) AND TABLE 250.66. DO NOT BOND THE NEUTRAL TO THE GROUND BUS IF THIS IS NOT A SERVICE ENTRANCE
- 2 #4 CU TO CONCRETE ENCASED ELECTRODE PER CEC 250.52(A)(3), 250.66(B) AND 250.70
- 3 WHERE REQUIRED, BOND PIPING SYSTEMS AND EXPOSED STRUCTURAL STEEL PER CEC 250.104

DOUBLE 'E'
ENGINEERING, LLC
Myrtle Point, Oregon
www.e-engineering.com

PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
OHLONE PARK
BERKELEY, CALIFORNIA
SHEET TITLE: ELECTRICAL DETAILS

PLAN SET#	OLH01	
DATE:	06/13/2024	
REVISIONS		
REV.	DATE	BY
3	08-08-2024	CR
DRAWN BY:	CR	