

OHLONE PARK RESTROOM AND LIGHTING

PROJECT INFORMATION

HEARST AVENUE BETWEEN SACRAMENTO STREET AND MARTIN LUTHER KING JR. WAY BERKELEY, CA 94709

PROJECT INCLUDES INSTALLATION OF A NEW PRE-FABRICATED RESTROOM AND LIGHTING IMPROVEMENTS THROUGHOUT OHLONE PARK BETWEEN SACRAMENTO STREET AND MARTIN LUTHER KING JR. WAY.

GENERAL NOTE

THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) AT (800) 227-2600 AT LEAST TWO WORKING DAYS BEFORE EXCAVATING. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES IN ACCORDANCE WITH THE SPECIFICATIONS.

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LOCATION MAP (NTS)

PROJECT AREA

ADD ALTERNATES

- SPORT COURT LIGHTING AT THE VOLLEYBALL COURTS (LIGHTS #2.3, #2.4, #2.5 #2.6). INSTALL VOLLEYBALL COURT LIGHTS WITH ACTUATOR BUTTON (ON PEDESTAL BY THE VOLLEYBALL COURTS).
- LIGHT #3.2
- BOLLARD LIGHTS AT THE DOG PARK (LIGHTS #3.3, #3.4, #3.5)
- REPLACE SPORT COURT LIGHTING AT THE BASKETBALL COURTS (LIGHTS #2.11, #2.12, #2.13, #2.14). INSTALL BASKETBALL COURT LIGHTS WITH ACTUATOR BUTTON (ATTACHED TO THE SIDE OF THE EX. BASKETBALL COURT LIGHT CABINET).

DEDUCT ALTERNATES

- LIGHT FIXTURES #1.1 AND #1.2 BETWEEN SACRAMENTO AND CALIFORNIA STREET. REPLACE EXISTING LIGHT FIXTURES WITH BEGA "PA" LIGHT FIXTURES INSTEAD.
- LIGHT FIXTURE #2.1. REPLACE NEAREST EXISTING PARK LIGHT TO THE WEST WITH BEGA "PA" LIGHT FIXTURE INSTEAD.

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MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
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STAMP



SHEET TITLE

COVER SHEET

Scale: N/A
Date: 02-01-2024
Drawn by: JR
Checked by: SW
Project No.: 2215

T-1.0

GENERAL NOTES

- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK BY THE SUBCONTRACTORS.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS AT JOB SITE AND NOTIFY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE OF DIMENSIONAL OMISSIONS OR DISCREPANCIES BEFORE BEGINNING ANY WORK.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION. ALL CONTRACTORS MUST COMPLY WITH PERMIT REQUIREMENTS, LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES RULES AND REGULATIONS AND LAND USE APPROVAL CONDITIONS AT ALL TIMES.
- WORK PERFORMED WITHOUT APPROVAL OF LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING AGENCIES AND/OR NOT IN COMPLIANCE WITH SPECIFICATIONS AND/OR DRAWINGS IS SUBJECT TO REMOVAL AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL ABOVE AND UNDERGROUND EXISTING UTILITIES, LINES AND STRUCTURES PRIOR TO EXCAVATION OR TRENCHING, OR OTHER CONSTRUCTION ACTIVITIES. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING OVER OR NEAR EXISTING GAS AND ELECTRICAL LINES. DAMAGE TO UTILITIES, LINES, STRUCTURES, OR OTHER SITE ELEMENTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND WILL BE REPAIRED AT SOLE EXPENSE OF THE CONTRACTOR AND AT THE DISCRETION OF THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTling ALL LAND MONUMENTS DISRUPTED BY CONSTRUCTION ACTIVITIES OR NEGLIGENCE ON THE PART OF THE CONTRACTOR. RESETS SHALL BE PERFORMED UNDER THE SUPERVISION OF A REGISTERED LAND SURVEYOR AND MONUMENT RECORDS MUST BE FILED AS REQUIRED BY STATUTE FOR ALL MONUMENTS.
- ALL CONSTRUCTION AND MATERIALS NOT SPECIFICALLY ADDRESSED IN THE CONTRACT DOCUMENTS OR SPECIFICATIONS SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING AGENCIES STANDARDS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING ELEMENTS TO REMAIN FROM DAMAGE AND ALL SUCH ELEMENTS AND STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE LANDSCAPE ARCHITECT AND OWNER AT THE CONTRACTOR'S SOLE EXPENSE.
- ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING AGENCIES STANDARDS. PROVIDE ADEQUATE TIME FOR REVIEW AND APPROVAL BY THE APPROPRIATE JURISDICTIONS PRIOR TO COMMENCEMENT.
- THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES UTILIZED OR FOR SAFETY PRECAUTIONS OR PROBLEMS IN CONNECTION WITH THE WORK. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONTRACT DOCUMENTS INCLUDE THE CONSTRUCTION DOCUMENT DRAWING SET AND TECHNICAL SPECIFICATIONS.
- CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF ANY DISCREPANCIES, CONTACT LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PURCHASING. GRAPHICALLY SHOWN MATERIAL QUANTITIES SHALL TAKE PRECEDENCE OVER LISTED QUANTITIES.
- A SYSTEM OF DIAGRAMMATIC SYMBOLS, HATCHES AND NOTATIONS IS USED IN THESE DRAWINGS. REVIEW NOTATIONS CAREFULLY, NOTIFY LANDSCAPE ARCHITECT AND REQUEST CLARIFICATION OF ANY UNCLEAR NOTATION OR DISCREPANCY PRIOR TO COMMENCING WORK.
- PROVIDE SLEEVES AS REQUIRED FOR DRAINAGE, IRRIGATION AND ELECTRICAL LINES REGARDLESS OF WHETHER SLEEVE LOCATIONS ARE INDICATED. IRRIGATION AND ELECTRICAL SLEEVES AND SUBSURFACE DRAINAGE SYSTEMS SHALL BE CONSTRUCTED PRIOR TO HARDSCAPE AND LANDSCAPE WORK AND ARE REQUIRED FOR PIPES UNDERNEATH PAVEMENT.
- VEHICLES, EQUIPMENT, AND/OR MATERIALS SHALL NOT BE PARKED OR STORED IN AREAS OF EXISTING VEGETATION, INCLUDING WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN. REFER TO TEMPORARY TREE AND PLANT PROTECTION NOTES AND SPECIFICATIONS.
- LANDSCAPE MATERIALS SHALL BE STORED UNDER SECURED TARPS OR SHEETING PRIOR TO USE TO PROTECT AGAINST WIND, RAIN OR OTHER DAMAGE.
- CONSTRUCTION WASTE, INCLUDING BUT NOT LIMITED TO: PLANT MATERIAL, BUILDING MATERIALS, DEMOLISHED MATERIALS, PACKAGING, LEFTOVER PAINT AND CONCRETE SLURRY SHOULD BE PROPERLY REUSED, RECYCLED, DISPOSED OF LEGALLY OFF-SITE OR IN DESIGNATED WASH-OUT AREAS DETERMINED BY THE GENERAL CONTRACTOR.
- RECYCLING AND TRASH BINS TO BE PROVIDED ON SITE. SEPARATE BINS FOR CARDBOARD, CO-MINGLED, AND OTHER RECYCLABLE/REUSABLE MATERIALS IDENTIFIED BY THE LOCAL JURISDICTION SHALL BE MAINTAINED. ALL BINS TO BE WILDLIFE-PROOF.
- ON-SITE FUEL STORAGE FOR CONSTRUCTION EQUIPMENT IS NOT ALLOWED. CONSTRUCTION EQUIPMENT USED ON SITE TO BE CHECKED REGULARLY TO ASSURE CONTAMINATION CONCERNS FROM OILS AND GREASES ARE ELIMINATED. NO TOXIC MATERIALS SHALL BE STORED ON-SITE.
- INSTALL AND MAINTAIN IN PROPER WORKING CONDITION SILT FENCING AND MUD TRACKING PADS THROUGHOUT THE DURATION OF CONSTRUCTION.
- GREEN BUILDING PRACTICES SHALL BE EMPLOYED TO THE EXTENT FEASIBLE. SUCH PRACTICES INCLUDE: CARPOOLING TO JOB SITE, MINIMIZING MATERIALS PACKING BEFORE ARRIVAL TO JOB SITE, REDUCING MATERIAL/RESOURCE INEFFICIENCIES BY COORDINATING WORK.
- IF SITE WORK IS DELAYED DUE TO ANY CIRCUMSTANCE, THE CONTRACTOR SHALL PROTECT EXPOSED SOIL FROM ALL TYPES OF EROSION.
- EXISTING TREES TO BE PRESERVED SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE PRE- AND POST-CONSTRUCTION, UNLESS CONSTRUCTION DOCUMENTS SPECIFICALLY INDICATE OTHERWISE.
- EXISTING TREES TO BE PRESERVED SHALL BE PROTECTED WITH STURDY, WEATHERPROOF FENCING AS NOTED. MAINTAIN TREE PROTECTION FENCE IN WORKING ORDER DURING ALL PHASES OF CONSTRUCTION. MAINTAIN TREE PROTECTION ZONES FREE OF WEEDS AND TRASH. REFER TO TEMPORARY TREE AND PLANT PROTECTION DETAILS, NOTES AND SPECIFICATIONS.
- NO WORK SHALL BE CONDUCTED WITHIN THE DRIPLINE OF EXISTING TREES, UNLESS REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT. ALL WORK APPROVED WITHIN THE DRIPLINE SHALL BE COMPLETED BY HAND. PROTECT ROOT SYSTEMS FROM PONDING, ERODING, EXCESSIVE WETTING, AND COMPACTION.
- VERIFY THAT WATERPROOFING OF SUB-SURFACE ARCHITECTURAL STRUCTURES ADJACENT TO LANDSCAPE IMPROVEMENTS ARE IN PLACE, AND ADEQUATELY INSTALLED TO REPEL ALL WATER SOURCES INCLUDING, BUT NOT LIMITED TO: PRECIPITATION, STORM WATER RUNOFF, GROUND WATER, IRRIGATION, ROOF RUNOFF, GROUND WATER, AND PLUMBING LEAKS.
- SAFETY DURING DEMOLITION AND CONSTRUCTION MUST COMPLY WITH CFC CHAPTER 33.

DEMOLITION NOTES

- ALL ITEMS AND MATERIALS TO BE REMOVED SHALL BE DISPOSED OF ACCORDING TO STATE AND LOCAL CODES AND REGULATIONS.
- VERIFY LOCATIONS OF ABOVE-GROUND AND BELOW-GROUND UTILITIES PRIOR TO BEGINNING DEMOLITION WORK. VERIFICATION OF UTILITIES SHALL BE PERFORMED BY TRACING EQUIPMENT WHEREVER POSSIBLE, AND WHERE NOT POSSIBLE THROUGH THE STUDY OF RECORD DRAWINGS AVAILABLE FROM THE CITY OF BERKELEY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING UTILITIES DESIGNATED TO REMAIN WITHIN 5' OF WHERE SHOWN ON THE PLANS VIA POTHOLING. POTHOLING SHALL BE PERFORMED WITH VACUUM EXCAVATOR. REFER TO CIVIL DRAWINGS FOR UTILITY LOCATIONS.
- TAKE PRECAUTIONARY MEASURES NECESSARY TO PROTECT FROM DAMAGE ALL EXISTING SITE ELEMENTS, FEATURES, PLANTS AND UTILITIES TO REMAIN. EXPEDITIOUSLY REPAIR IN KIND ITEMS REMOVED OR DAMAGED DURING CONSTRUCTION OPERATIONS.
- PROTECT DRAIN INLETS. PREVENT DEBRIS FROM ENTERING DRAINS DURING PROJECT. PREVENTION METHODS SHALL BE SECURE AND IMMOVABLE UNTIL CONTRACTOR REMOVES THEM AT THE END OF PROJECT CONSTRUCTION REFER TO EROSION AND SEDIMENT CONTROL PLAN, REFER TO CIVIL DRAWINGS AND SPECIFICATIONS.
- CONCRETE AND ASPHALT PAVING SHALL BE CUT CLEANLY.
- REMOVE FOOTINGS OF ALL REMOVED ITEMS, INCLUDING BUT NOT LIMITED TO PLAY STRUCTURES, BENCHES, PICNIC TABLES, FENCES AND GATES.
- REMOVE STUMPS OF TREES REMOVED DURING CONSTRUCTION. GRIND AND REMOVE STUMPS TO 12" BELOW FINISH GRADE.
- REFER TO SELECTIVE LANDSCAPE PLANS FOR ITEMS TO BE PRESERVED AND/OR SALVAGED.

LAYOUT NOTES

- LAYOUT AND VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. LANDSCAPE ARCHITECT TO REVIEW AND APPROVE LAYOUT OF ALL PAVING, EDGING, FOOTINGS AND HARDSCAPE SHOWN IN THE CONSTRUCTION DOCUMENTS PRIOR TO CONSTRUCTION.
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DIMENSIONS FROM REDUCED DRAWINGS.
- DIMENSIONS REFERRED TO AS "EQUAL" INDICATE SPACING WHICH IS EQUIDISTANT MEASURED TO CENTERLINES.
- MEASUREMENTS ARE TO THE FINISHED FACE OF BUILDINGS, WALLS, CURBS, OR OTHER FIXED SITE ELEMENTS. DIMENSIONS TO CENTERLINES OR REFERENCE LINES ARE IDENTIFIED AS SUCH.
- INSTALL INTERSECTING ELEMENTS AT 90-DEGREE ANGLES, UNLESS OTHERWISE INDICATED. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS INDICATED IN CONTRACT DOCUMENTS.
- PROVIDE A FULL-SCALE MOCKUP AND RECEIVE APPROVAL FROM THE LANDSCAPE ARCHITECT FOR ALL SYSTEMS AS CALLED FOR IN THE CONSTRUCTION DOCUMENTS PRIOR TO INSTALLATION.
- EXPANSION JOINTS SHALL BE PROVIDED WHERE FLATWORK MEETS VERTICAL STRUCTURES, SUCH AS WALLS, CURBS, STEPS, AND OTHER HARDSCAPE ELEMENTS. EXPANSION JOINTS SHALL ALSO BE PROVIDED AT MATERIAL CHANGES BETWEEN RIGID PAVING SYSTEMS. EXPANSION JOINT MATERIALS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
- HOLD TOPS OF WALLS AND LANDSCAPE PARTITIONS LEVEL UNLESS OTHERWISE SPECIFIED.

TEMPORARY TREE & PLANT PROTECTION NOTES

- TREE PRESERVATION MEASURE MUST BE IN PLACE BEFORE DEMOLITION, CONSTRUCTION, AND/OR GRADING ACTIVITIES COMMENCE.
- ANY TREE CARE PRACTICES, SUCH AS CUTTING OF ROOTS, PRUNING THE TOP, ETC., SHALL BE ADEQUATELY DESCRIBED AND SHALL HAVE THE APPROVAL OF THE CITY REPRESENTATIVE PRIOR TO EXECUTION. THE CONTRACTOR IS REQUIRED TO HAVE AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) IF SITE CONSTRUCTION EFFORTS REQUIRE REMOVAL OF ROOTS OF EXISTING TREES TO REMAIN OR BRANCH PRUNING.
- DO NOT EXCAVATE WITHIN DRIP LINE OF TREES, UNLESS OTHERWISE NOTED IN THESE DRAWINGS. EXCAVATION WITHIN THE DRIP LINE SHALL BE ACCOMPLISHED BY HAND AND ROOTS LARGER THAN 1" IN DIAMETER SHALL BE PRESERVED.
- DO NOT STORE CONSTRUCTION MATERIALS, DEBRIS, EXCAVATED MATERIAL, OR ANY OTHER MATERIAL WITHIN THE DRIP LINE OF REMAINING TREES. DO NOT PERMIT VEHICLES OR FOOT TRAFFIC WITHIN THE DRIP LINE. PREVENT SOIL COMPACTION OVER ROOT SYSTEMS.
- DO NOT ALLOW EXPOSED ROOTS TO DRY OUT BEFORE PLACING PERMANENT BACKFILL. PROVIDE TEMPORARY EARTH COVER OR PACK WITH PEAT MOSS AND WRAP WITH BURLAP. WATER AND MAINTAIN IN A MOIST CONDITION. TEMPORARILY SUPPORT AND PROTECT ROOTS FROM DAMAGE UNTIL THEY ARE PERMANENTLY RELOCATED AND COVERED WITH SOIL.
- IMMEDIATELY REPORT TREE DAMAGE TO THE CITY REPRESENTATIVE AND REPAIR DAMAGED TREES WITHIN 24 HOURS OF OCCURRENCE. TREAT DAMAGED TRUNK, LIMBS, AND ROOTS ACCORDING TO WRITTEN INSTRUCTIONS OF THE CITY REPRESENTATIVE.

ABBREVIATIONS

CL	CENTERLINE	POC	POINT OF CONNECTION
CLR	CLEAR	SAD	SEE ARCHITECTURAL DRAWINGS
(E)	EXISTING	SIM	SIMILAR
EQ	EQUAL DISTANCE	STD	STANDARD
EQR	ENGINEER OF RECORD	TYP	TYPICAL
L.O.W.	LIMIT OF WORK	UNO	UNLESS NOTED OTHERWISE
(N)	NEW	VIF	VERIFY IN FIELD
N.I.C	NOT IN CONTRACT		
OC	ON CENTER		
PO	POINT OF ORIGIN		

PROJECT TEAM

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PROJECT

**OHLONE PARK
RESTROOMS AND LIGHTING**
 SACRAMENTO ST. - MILVIA ST.
 MILVIA STREET, BERKELEY, CA 94704
 PLAN #8287
 FILE #406-221
 SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
	10-18-2023	50% CD SUBMITTAL
	02-01-2024	100% CD SUBMITTAL
1	07-05-2024	PERMIT RE-SUBMITTAL
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STAMP



SHEET TITLE

GENERAL NOTES

Scale: N/A
Date: 02-01-2024
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Project No.: 2215

T-1.1

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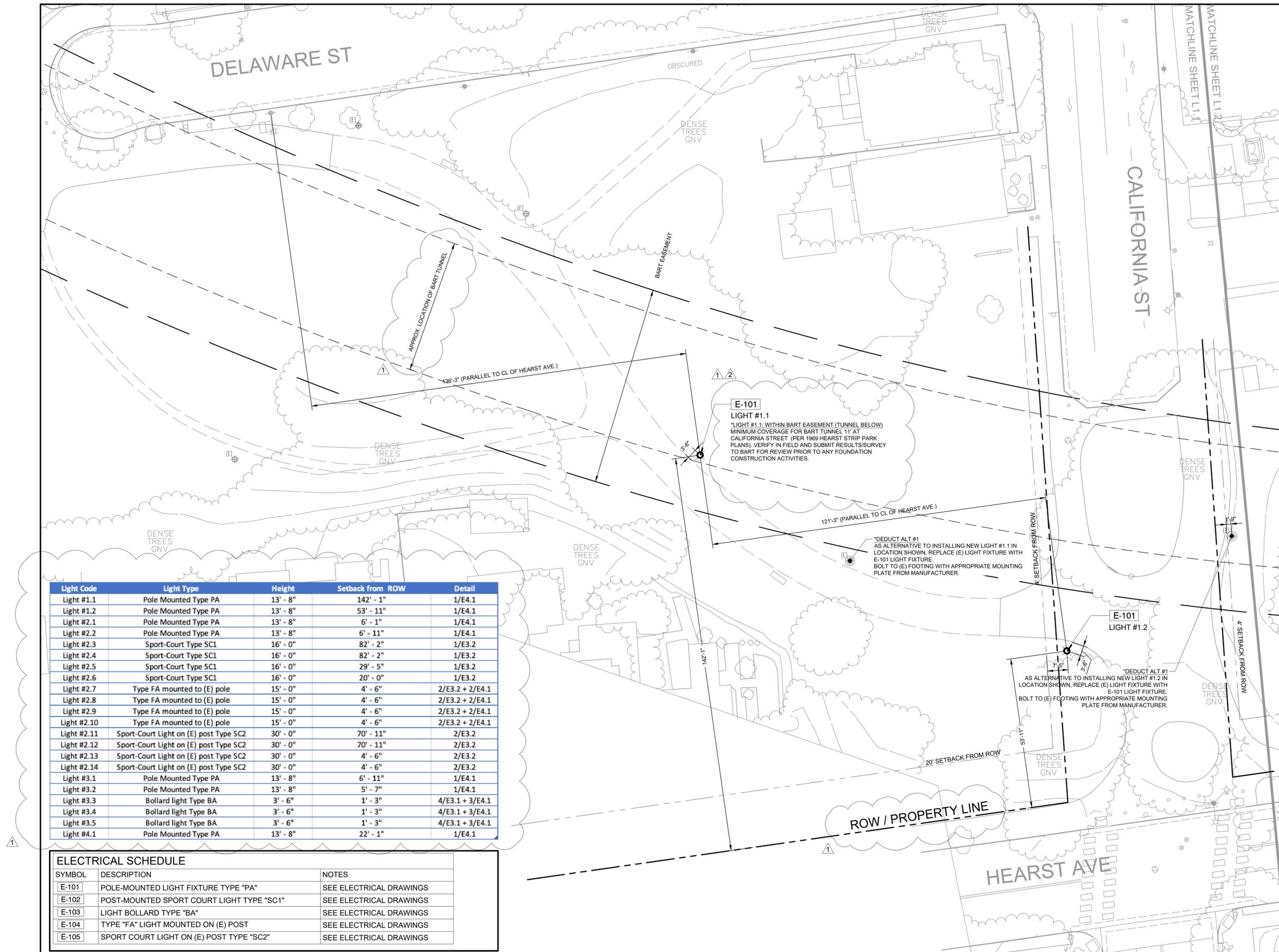


SHEET TITLE

LAYOUT PLAN

Scale: 1/16" = 1'-0"
Date: 02-01-2024
Drawn by: JR
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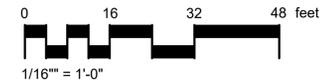
L-1.1



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

ELECTRICAL SCHEDULE

SYMBOL	DESCRIPTION	NOTES
E-101	POLE-MOUNTED LIGHT FIXTURE TYPE "PA"	SEE ELECTRICAL DRAWINGS
E-102	POST-MOUNTED SPORT COURT LIGHT TYPE "SC1"	SEE ELECTRICAL DRAWINGS
E-103	LIGHT BOLLARD TYPE "BA"	SEE ELECTRICAL DRAWINGS
E-104	TYPE "FA" LIGHT MOUNTED ON (E) POST	SEE ELECTRICAL DRAWINGS
E-105	SPORT COURT LIGHT ON (E) POST TYPE "SC2"	SEE ELECTRICAL DRAWINGS



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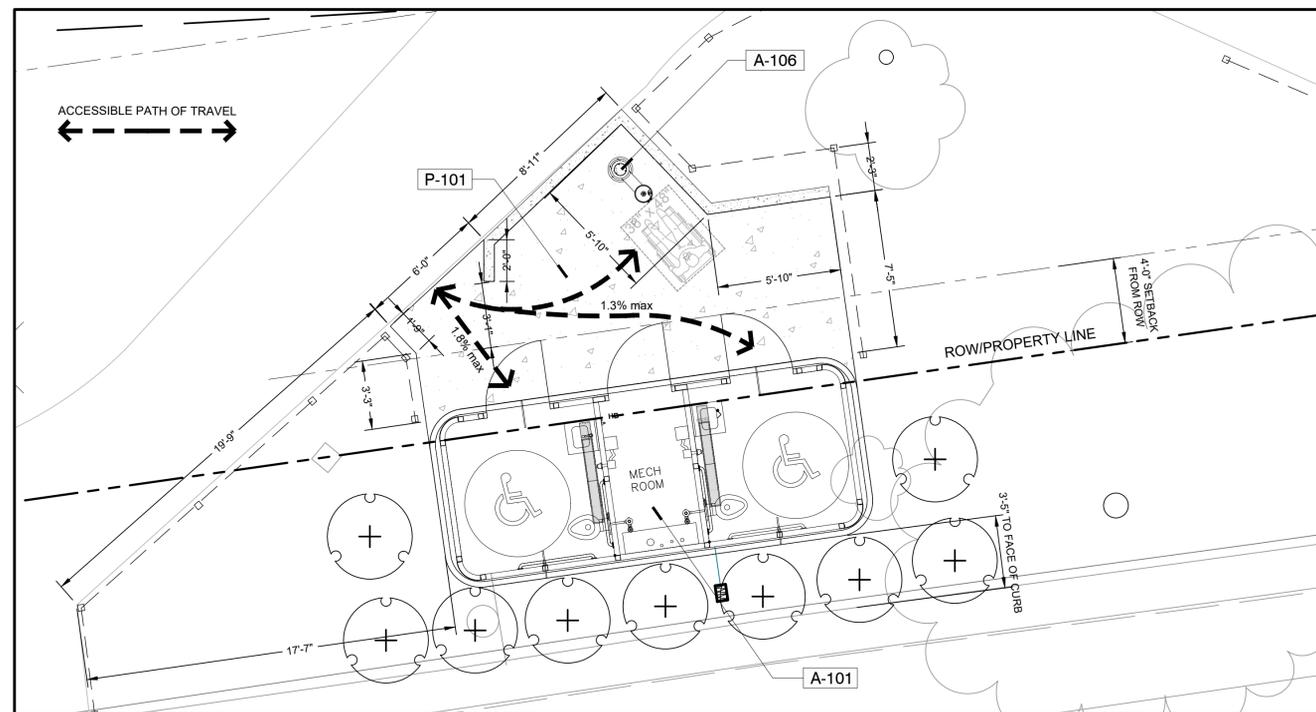
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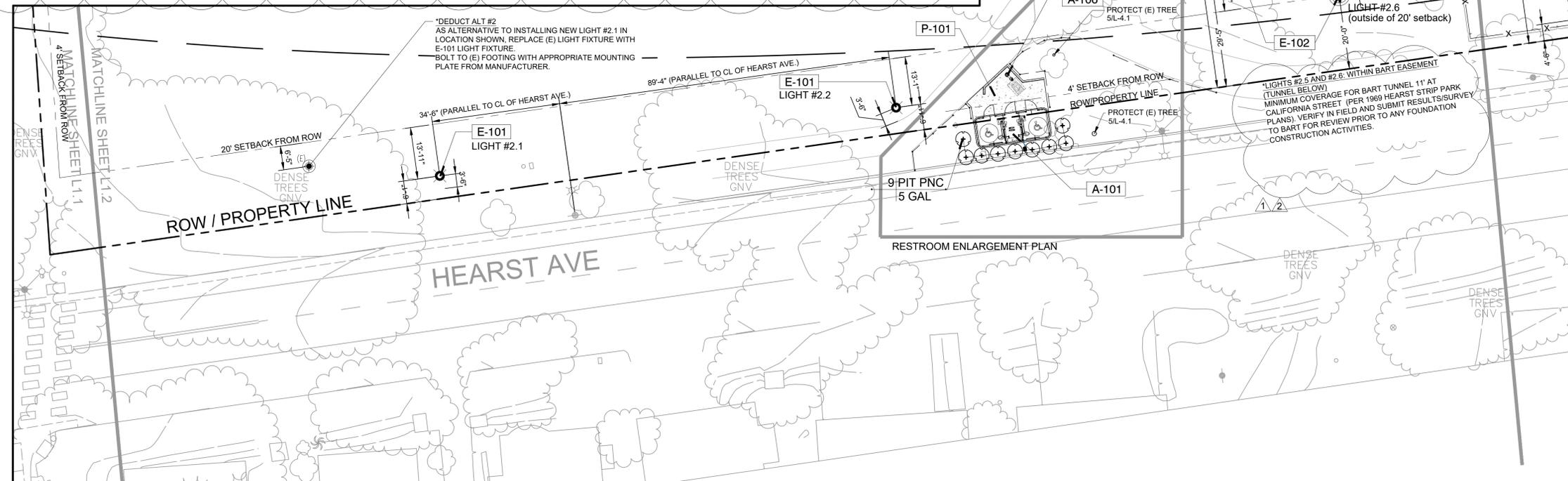
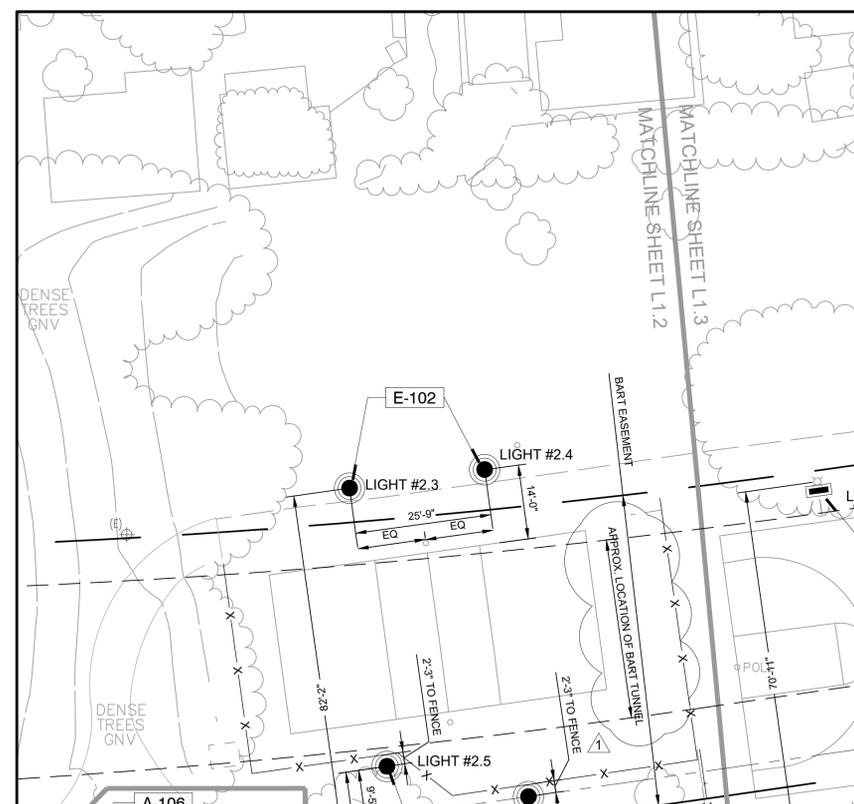
SHEET TITLE
LAYOUT PLAN

Scale: 1/16" = 1'-0"
Date: 02-01-2024
Drawn by: JR
Checked by: SW
Project No.: 2215

L-1.2



A RESTROOM ENLARGEMENT PLAN



AMENITY AND STRUCTURE SCHEDULE

SYMBOL	DESCRIPTION	DETAIL	MODEL	MANUFACTURER	MATERIAL	COLOR	FINISH
A-101	ROMTEC DOUBLE SIDEWALK RESTROOM	1/L-4.2	CUSTOM DOUBLE SIDEWALK RESTROOM	ROMTEC	STEEL	GREEN	POWDER COAT
A-106	DRINKING FOUNTAIN AND BOTTLE FILLER	4/L-4.1	LK4420BF1U	ELKAY	STAINLESS STEEL	EVERGREEN	POWDER COAT

PAVING SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
	CONCRETE	
P-101	CONCRETE PAVING	1/L-4.1

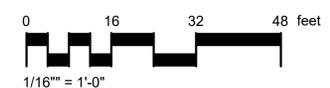
ELECTRICAL SCHEDULE

SYMBOL	DESCRIPTION	NOTES
E-101	POLE-MOUNTED LIGHT FIXTURE TYPE "PA"	SEE ELECTRICAL DRAWINGS
E-102	POST-MOUNTED SPORT COURT LIGHT TYPE "SC1"	SEE ELECTRICAL DRAWINGS
E-103	LIGHT BOLLARD TYPE "BA"	SEE ELECTRICAL DRAWINGS
E-104	TYPE "FA" LIGHT MOUNTED ON (E) POST	SEE ELECTRICAL DRAWINGS
E-105	SPORT COURT LIGHT ON (E) POST TYPE "SC2"	SEE ELECTRICAL DRAWINGS

IRRIGATION NOTES:
1. EXTEND EXISTING IRRIGATION DRIP LINES TO NEW PLANTS AS NECESSARY.
2. ANY EXISTING IRRIGATION IN THE FOOTPRINT OF PROPOSED SIDEWALK RESTROOM TO BE RELOCATED AS NECESSARY.

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
SHRUBS					
+	PIT PNC	PITTIOSPORUM HETEROPHYLLUM	CHINESE PITTIOSPORUM	5 GAL	9



PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RLJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

CALIFORNIA ST. - MCGEE AVE.

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
	10-18-2023	50% CD SUBMITTAL
	02-01-2024	100% CD SUBMITTAL
1	07-05-2024	PERMIT RE-SUBMITTAL
2	8-20-2024	PERMIT RE-SUBMITTAL

STAMP

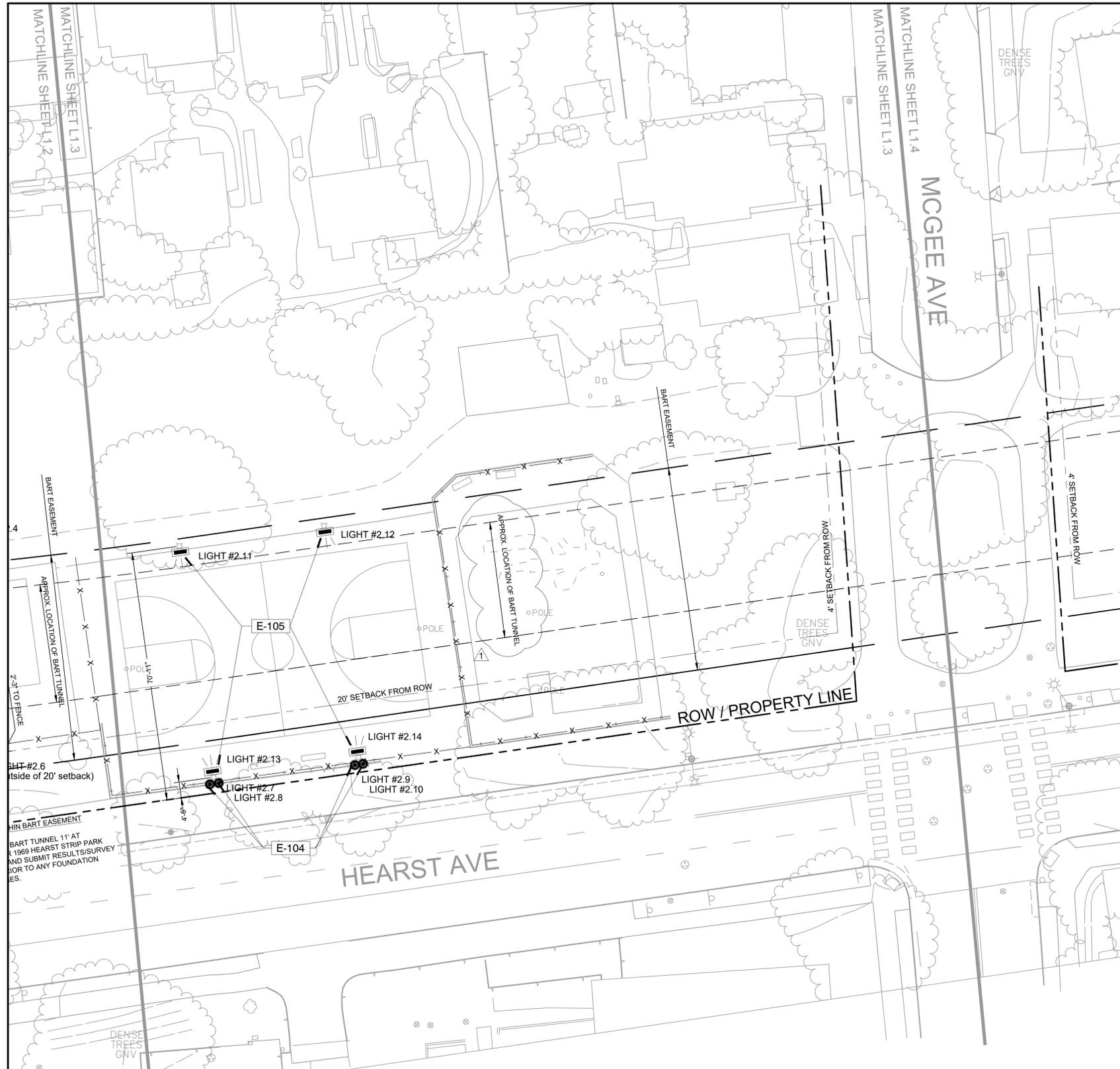


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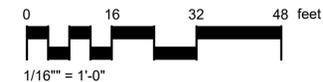
LAYOUT PLAN

Scale: 1/16" = 1'-0"
Date: 02-01-2024
Drawn by: JR
Checked by: SW
Project No.: 2215

L-1.3



ELECTRICAL SCHEDULE		
SYMBOL	DESCRIPTION	NOTES
E-101	POLE-MOUNTED LIGHT FIXTURE TYPE "PA"	SEE ELECTRICAL DRAWINGS
E-102	POST-MOUNTED SPORT COURT LIGHT TYPE "SC1"	SEE ELECTRICAL DRAWINGS
E-103	LIGHT BOLLARD TYPE "BA"	SEE ELECTRICAL DRAWINGS
E-104	TYPE "FA" LIGHT MOUNTED ON (E) POST	SEE ELECTRICAL DRAWINGS
E-105	SPORT COURT LIGHT ON (E) POST TYPE "SC2"	SEE ELECTRICAL DRAWINGS



PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
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ELECTRICAL ENGINEER
RLJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
RESTROOMS AND LIGHTING**

MCGEE AVE.- GRANT ST.
MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
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	02-01-2024	100% CD SUBMITTAL
1	07-05-2024	PERMIT RE-SUBMITTAL
2	8-20-2024	PERMIT RE-SUBMITTAL

STAMP

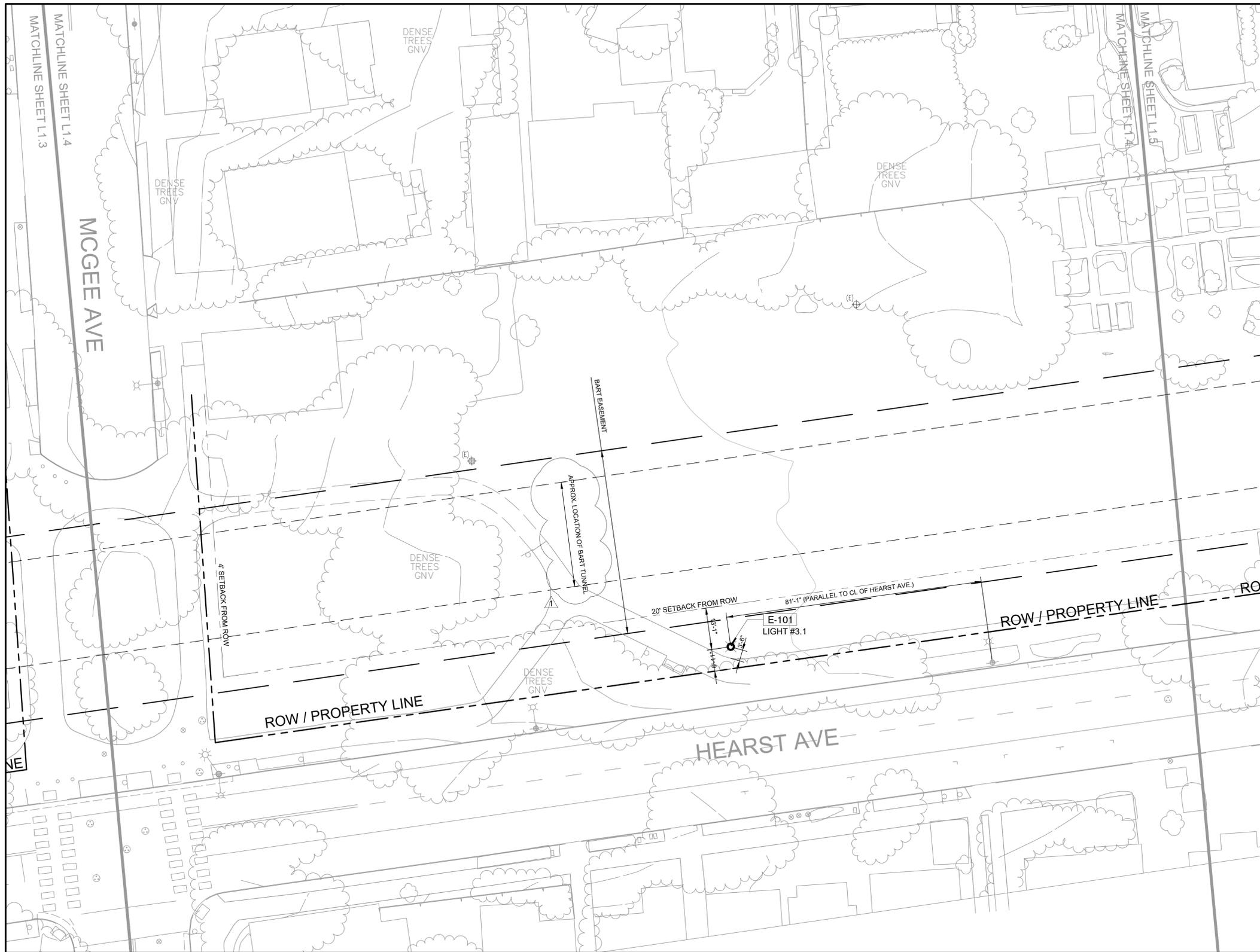


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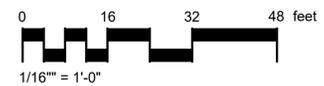
LAYOUT PLAN

Scale: 1/16" = 1'-0"
Date: 02-01-2024
Drawn by: JR
Checked by: SW
Project No.: 2215

L-1.4



ELECTRICAL SCHEDULE		
SYMBOL	DESCRIPTION	NOTES
E-101	POLE-MOUNTED LIGHT FIXTURE TYPE "PA"	SEE ELECTRICAL DRAWINGS
E-102	POST-MOUNTED SPORT COURT LIGHT TYPE "SC1"	SEE ELECTRICAL DRAWINGS
E-103	LIGHT BOLLARD TYPE "BA"	SEE ELECTRICAL DRAWINGS
E-104	TYPE "FA" LIGHT MOUNTED ON (E) POST	SEE ELECTRICAL DRAWINGS
E-105	SPORT COURT LIGHT ON (E) POST TYPE "SC2"	SEE ELECTRICAL DRAWINGS



PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RLJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

MC GEE AVE.- GRANT ST.
MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

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	02-01-2024	100% CD SUBMITTAL
1	07-05-2024	PERMIT RE-SUBMITTAL
2	8-20-2024	PERMIT RE-SUBMITTAL

STAMP

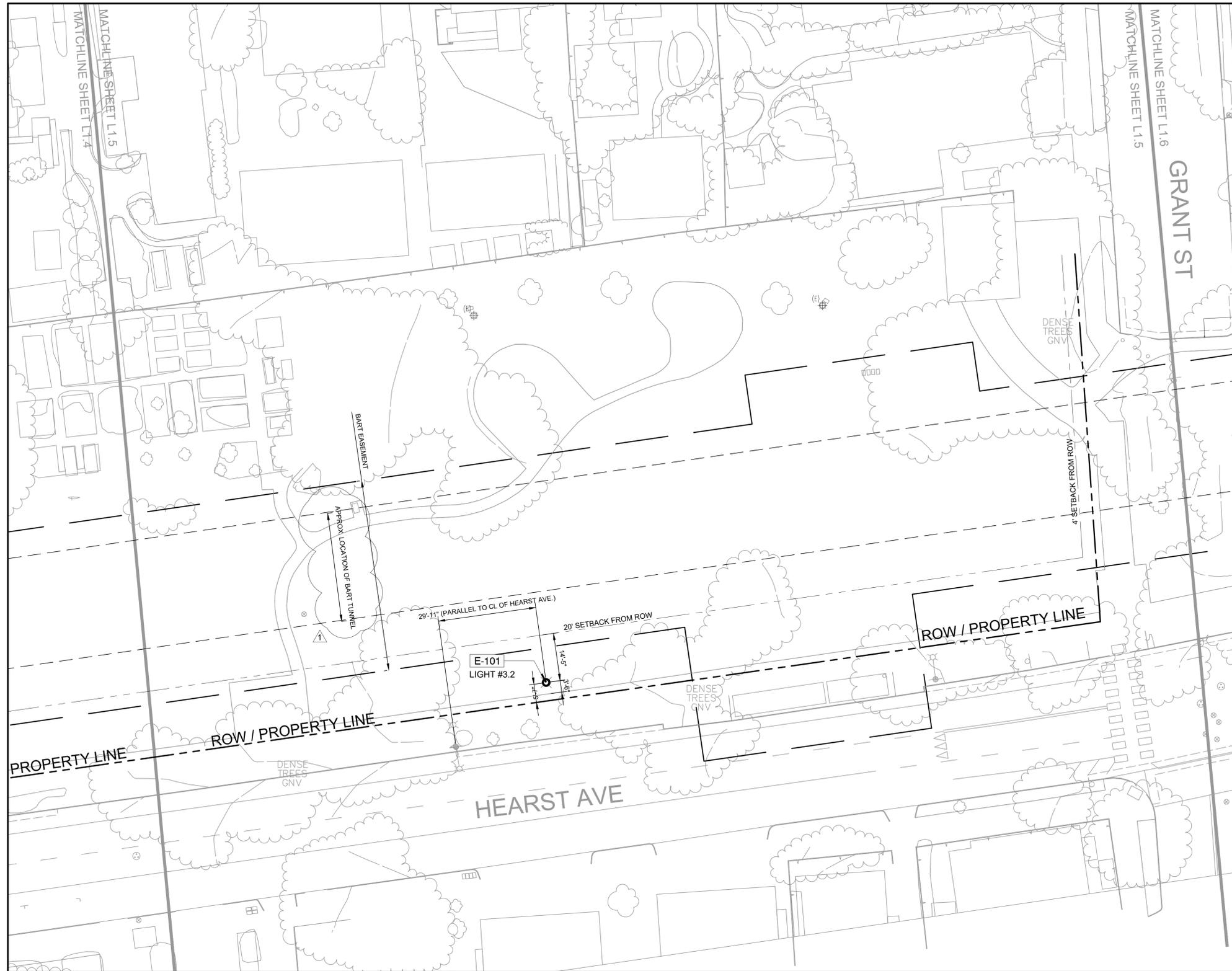


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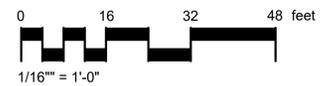
LAYOUT PLAN

Scale: 1/16" = 1'-0"
Date: 02-01-2024
Drawn by: JR
Checked by: SW
Project No.: 2215

L-1.5



ELECTRICAL SCHEDULE		
SYMBOL	DESCRIPTION	NOTES
E-101	POLE-MOUNTED LIGHT FIXTURE TYPE "PA"	SEE ELECTRICAL DRAWINGS
E-102	POST-MOUNTED SPORT COURT LIGHT TYPE "SC1"	SEE ELECTRICAL DRAWINGS
E-103	LIGHT BOLLARD TYPE "BA"	SEE ELECTRICAL DRAWINGS
E-104	TYPE "FA" LIGHT MOUNTED ON (E) POST	SEE ELECTRICAL DRAWINGS
E-105	SPORT COURT LIGHT ON (E) POST TYPE "SC2"	SEE ELECTRICAL DRAWINGS



PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RLJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
RESTROOMS AND LIGHTING**
GRANT ST.-MARTIN LUTHER KING JR WAY.
MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
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	02-01-2024	100% CD SUBMITTAL
1	07-05-2024	PERMIT RE-SUBMITTAL
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STAMP

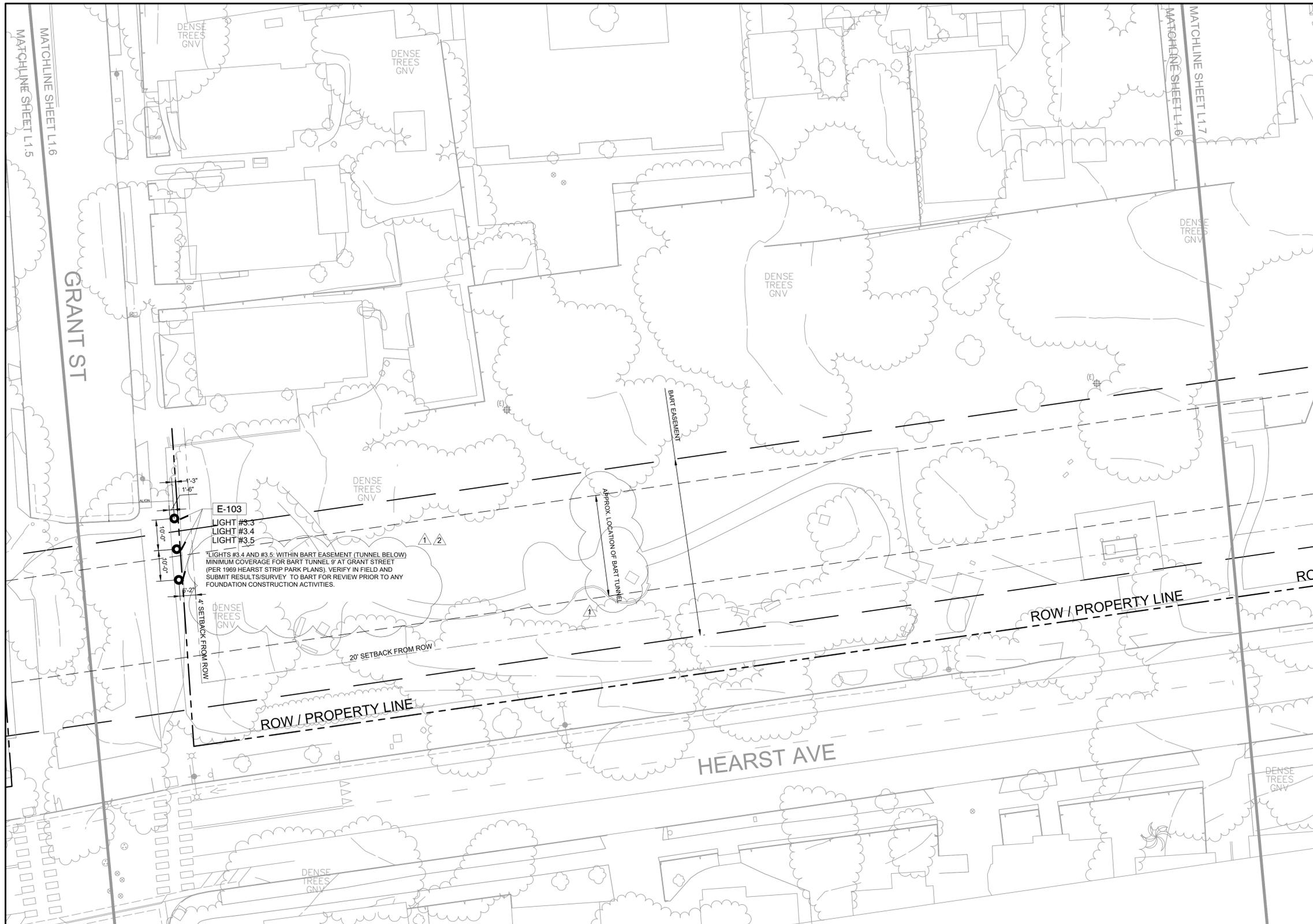


SHEET TITLE

LAYOUT PLAN

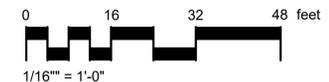
Scale: 1/16" = 1'-0"
Date: 02-01-2024
Drawn by: JR
Checked by: SW
Project No.: 2215

L-1.6



ELECTRICAL SCHEDULE

SYMBOL	DESCRIPTION	NOTES
E-101	POLE-MOUNTED LIGHT FIXTURE TYPE "PA"	SEE ELECTRICAL DRAWINGS
E-102	POST-MOUNTED SPORT COURT LIGHT TYPE "SC1"	SEE ELECTRICAL DRAWINGS
E-103	LIGHT BOLLARD TYPE "BA"	SEE ELECTRICAL DRAWINGS
E-104	TYPE "FA" LIGHT MOUNTED ON (E) POST	SEE ELECTRICAL DRAWINGS
E-105	SPORT COURT LIGHT ON (E) POST TYPE "SC2"	SEE ELECTRICAL DRAWINGS



PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

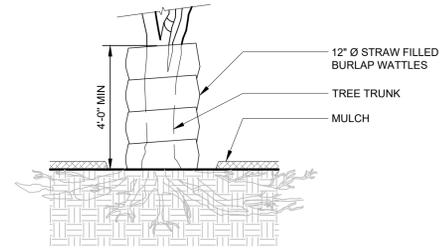
ELECTRICAL ENGINEER
RLJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

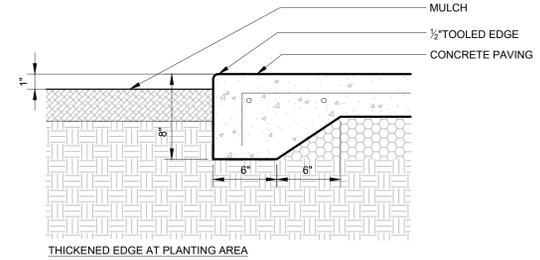
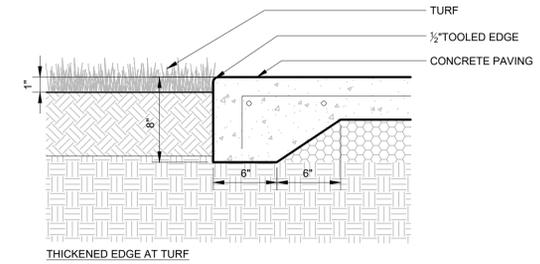
OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

- NOTES:
- BURLAP TREE PROTECTION TO BE USED ONLY IN AREAS WHERE TREE PROTECTION FENCING IS NOT POSSIBLE TO INSTALL. BURLAP TREE PROTECTION TO BE APPROVED FOR EACH INDIVIDUAL TREE BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - INSTALL ADDITIONAL PROTECTION OF ROOTS WITH MULCH, PLYWOOD OR OTHER MEANS. ROOT PROTECTION, INCLUDING THICKNESS OF MULCH TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

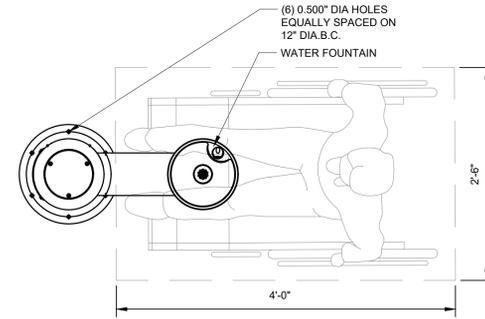


5 BURLAP TREE PROTECTION
3/8" = 1'-0"

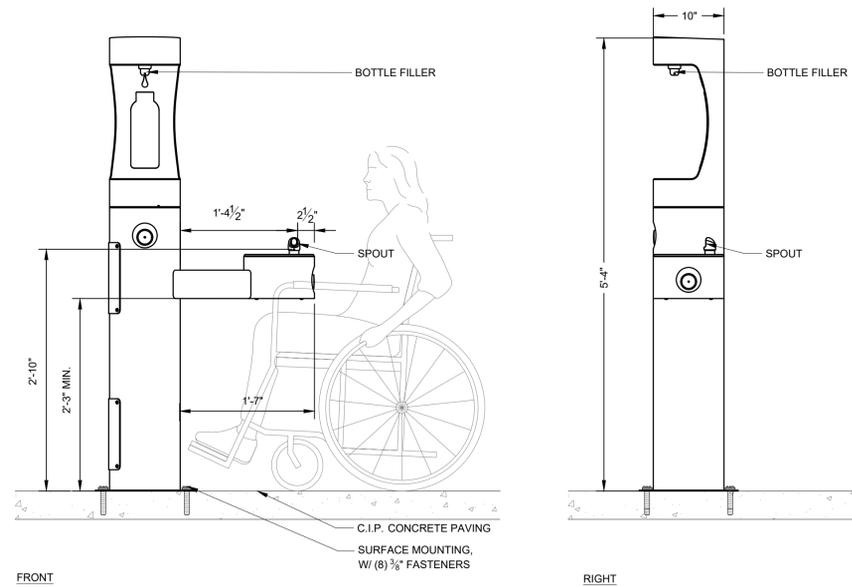


3 CONCRETE PAVING, THICKENED EDGE
1 1/2" = 1'-0"

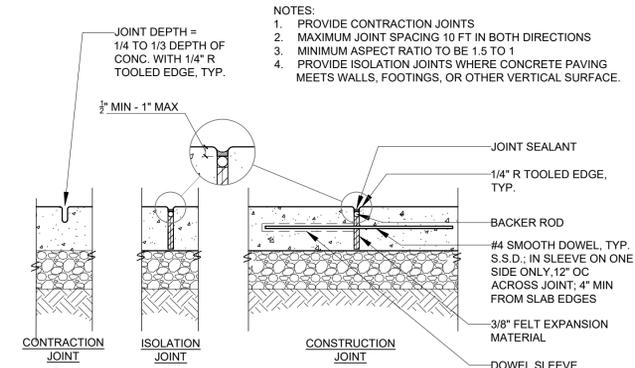
- NOTES:
- PROVIDE LEVELING NUT(S) WITH WASHERS AT BASEPLATE IF PAVEMENT IS NOT ABSOLUTELY LEVEL. WATER FROM BOTTLE FILLER MUST DROP PERFECTLY VERTICALLY.



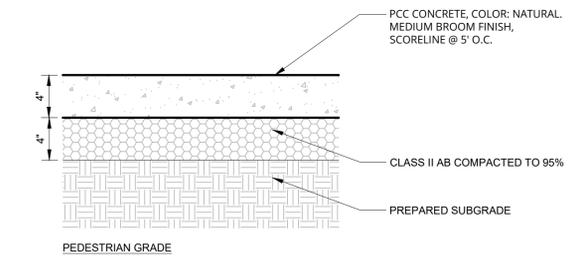
PLAN



4 DRINKING FOUNTAIN AND BOTTLE FILLER
1" = 1'-0"



2 CONCRETE JOINTS
3/4" = 1'-0"



1 CONCRETE PAVING
1 1/2" = 1'-0"

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
	10-18-2023	50% CD SUBMITTAL
	02-01-2024	100% CD SUBMITTAL
1	07-05-2024	PERMIT RE-SUBMITTAL
2	8-20-2024	PERMIT RE-SUBMITTAL

STAMP



SHEET TITLE

CONSTRUCTION DETAILS

Scale:
Date: 02-01-2024
Drawn by: SW
Checked by: SW
Project No.: 2215

L-4.1

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RLJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
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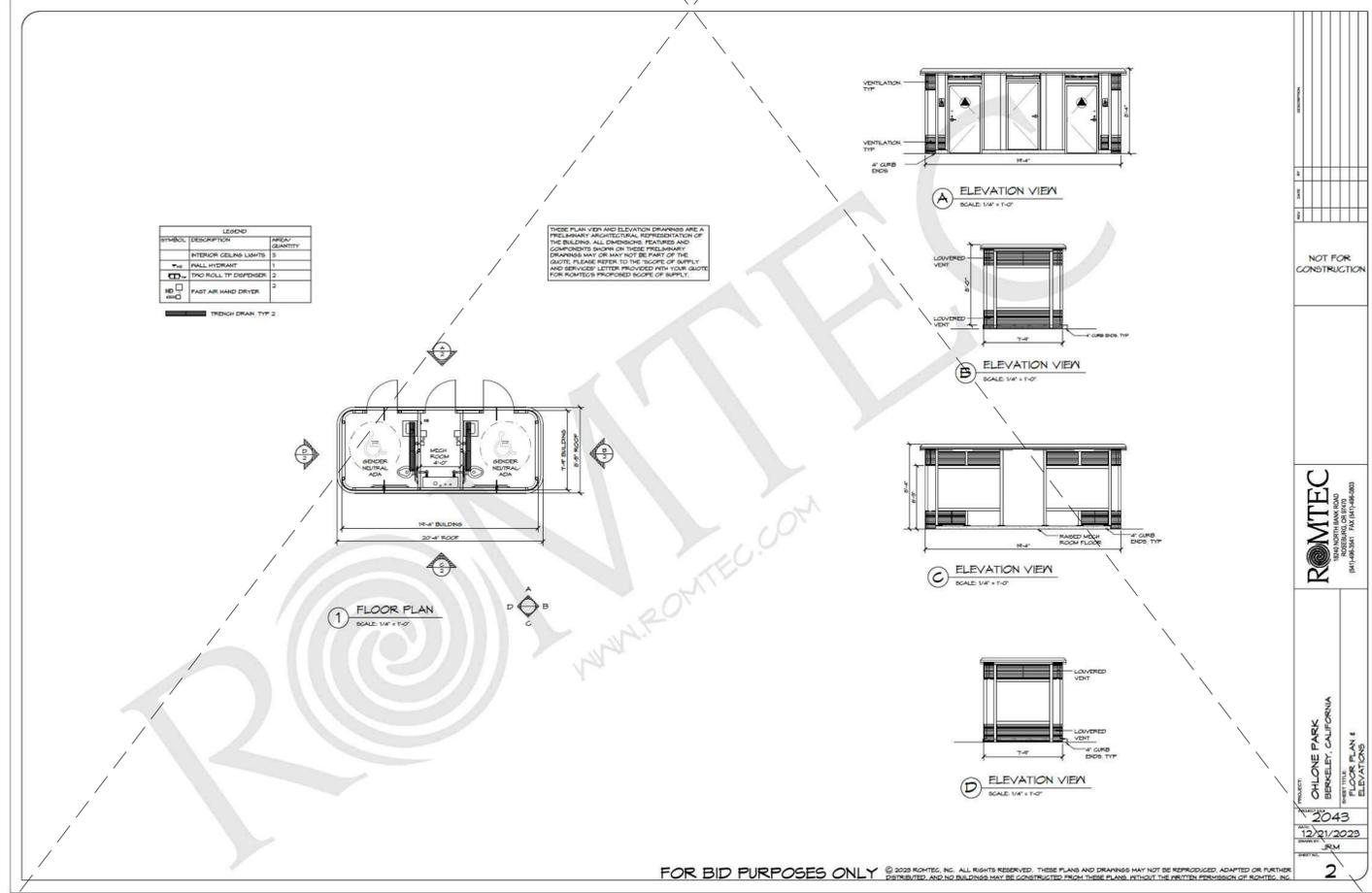
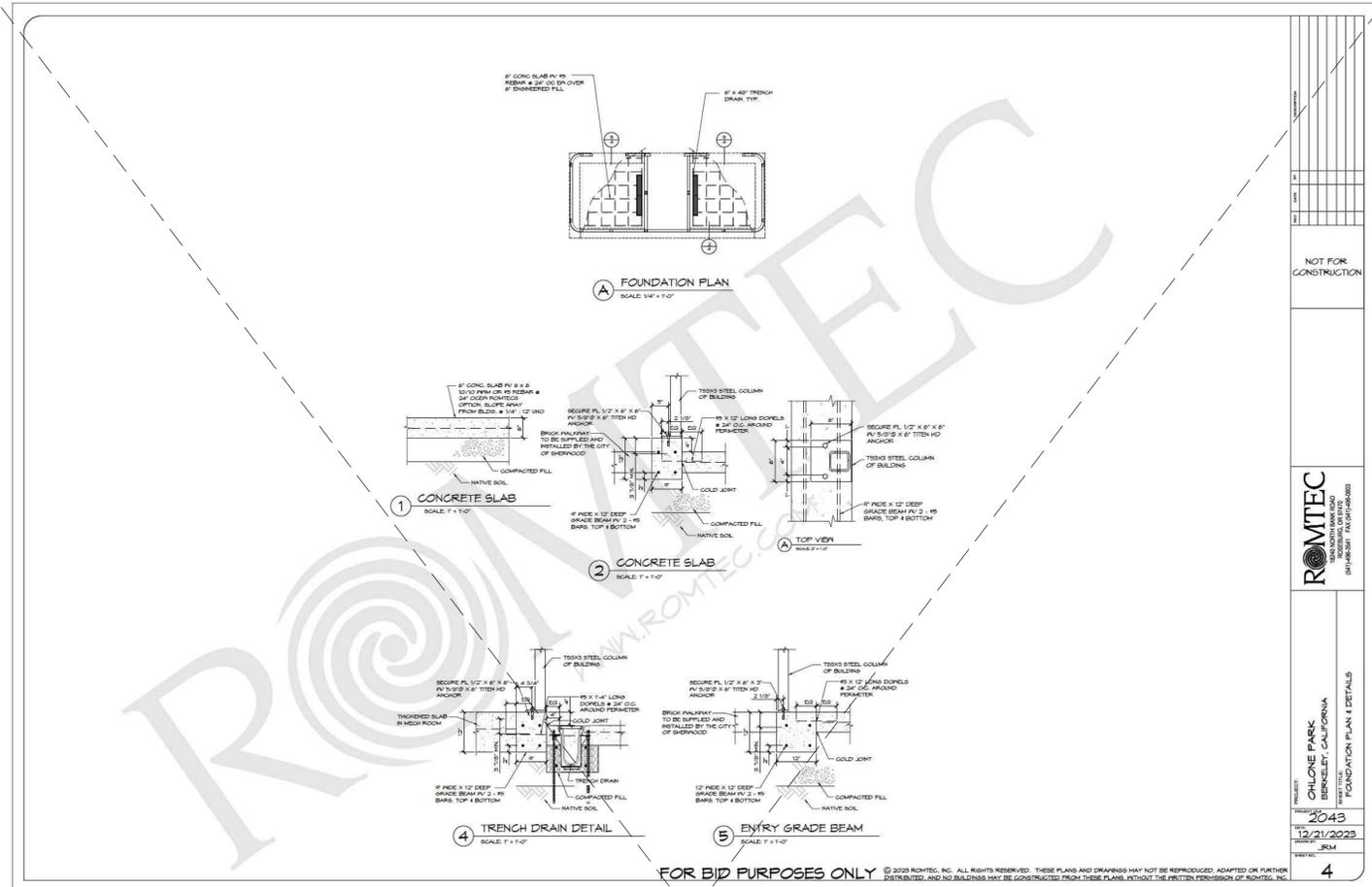
SHEET TITLE
CONSTRUCTION DETAILS

Scale:
Date: 02-01-2024
Drawn by: SW
Checked by: SW
Project No.: 2215

L-4.2

DETAIL NOT USED. SEE SHEETS G0 - E2 FOR ROMTEC DETAILS AND INSTALLATION INSTRUCTIONS

1 ROMTEC DOUBLE SIDEWALK RESTROOM
1/4" = 1'-0"



PROJECT	OHLONE PARK BERKELEY, CALIFORNIA
DATE	12/21/2023
SCALE	1/4" = 1'-0"
SHEET	4

PROJECT	OHLONE PARK BERKELEY, CALIFORNIA
DATE	12/21/2023
SCALE	1/4" = 1'-0"
SHEET	2

PROJECT TEAM

LANDSCAPE ARCHITECT
 BASE LANDSCAPE ARCHITECTURE
 145 A LOWER TERRACE
 SAN FRANCISCO, CA 94114

CIVIL ENGINEER
 BKF ENGINEERS
 2100 FRANKLIN ST., SUITE 4C
 OAKLAND, CA 94612

ELECTRICAL ENGINEER
 RLJA INC.
 5515 DOYLE ST., #7
 EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
 RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704

SUBMITTAL

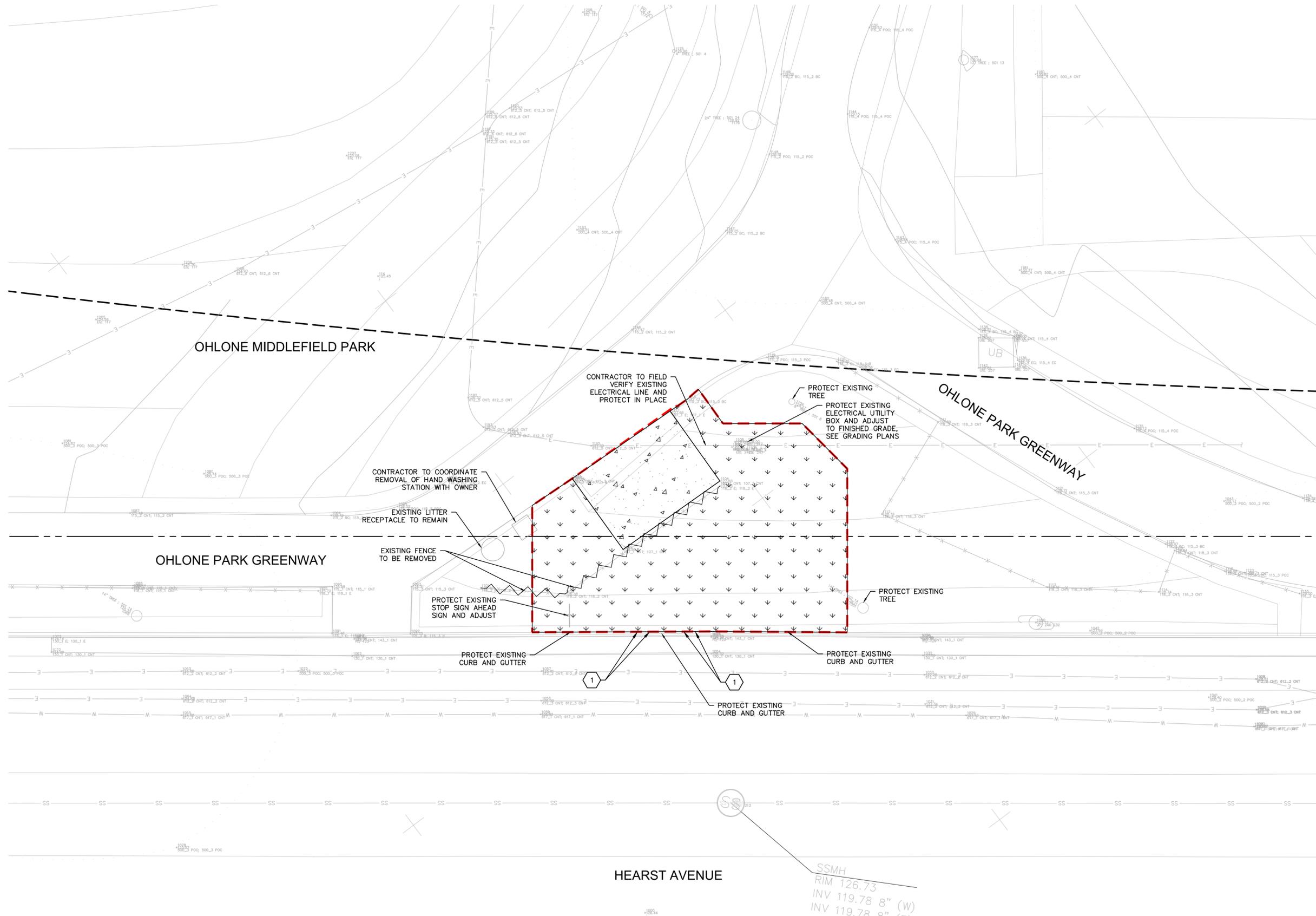
#	Date	Description

STAMP



SHEET TITLE
**C1.0 - EXISTING
 CONDITIONS &
 DEMOLITION PLAN**

Scale: AS SHOWN
 Date: 02/01/2024
 Drawn by: MA
 Checked by: JW
 Project No.: 20220882



- LEGEND:**
- PROPERTY LINE
 - - - BART EASEMENT LINE
 - - - - - LIMIT OF DEMOLITION
 - ~ ~ ~ REMOVE EXISTING FENCE
 - ▾ ▾ ▾ CLEAR AND GRUB EXISTING LANDSCAPE TO PROPOSED FINISHED GRADE, SEE GRADING PLANS
 - ▭ REMOVE EXISTING CONCRETE TO PROPOSED SUBGRADE, SEE GRADING PLANS

NOTES

1. UNAUTHORIZED CHANGES & USES: THE PROFESSIONAL PREPARING THIS MAP WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THIS MAP. CHANGES TO THIS MAP MUST BE REQUESTED IN WRITING AND MUST BE APPROVED BY THE PROFESSIONAL TOPOGRAPHIC INFORMATION SHOWN HEREON WAS OBTAINED FROM ROBERT J. LUNG AND ASSOCIATES, INC (AERIAL BACKGROUND) AND SUPPLEMENTED BY A FIELD SURVEY CONDUCTED BY BKF ENGINEERS.

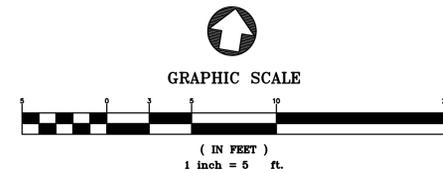
THIS MAP HAS BEEN PHOTOGRAMMETRICALLY COMPILED TO MEET NATIONAL MAP ACCURACY STANDARDS AT A SCALE 1"=20'. PUBLICATION OR USE AT ANY OTHER SCALE WILL VOID ANY IMPLIED OR STIPULATED ACCURACY STANDARDS. OBTAIN ACTUAL VERBIAGE FROM AERIAL SURVEY.

TREE DIAMETERS ARE MEASURED AT CHEST HEIGHT (48"). DRIPLINE DIAMETERS AND TREE SPECIES ARE APPROXIMATE ONLY AND SHOULD BE VERIFIED BY A CERTIFIED ARBORIST.

HORIZONTAL AND VERTICAL COORDINATES ARE BASED ON CONTROL VALUES SUPPLIED BY THE CITY OF BERKELEY. SITE BENCHMARK BEING THE FOUND CITY MONUMENT "B0996" BEING A BRASS PIN MONUMENT IN STANDARD MONUMENT WELL LOCATED IN THE INTERSECTION OF MILVIA ST. AND HEARST AVE. ELEVATION = 194.15 (CITY OF BERKELEY)

AERIAL TOPOGRAPHY FLIGHT DATE: 09/28/2022
 SUPPLEMENTAL FIELD SURVEY DATE: 05/11/2023

- KEYNOTES:**
- 1 REMOVE AND REPLACE EXISTING CURB AND GUTTER AS NEEDED FOR UTILITY TRENCHING



PROJECT TEAM

LANDSCAPE ARCHITECT
 BASE LANDSCAPE ARCHITECTURE
 145 A LOWER TERRACE
 SAN FRANCISCO, CA 94114

CIVIL ENGINEER
 BKF ENGINEERS
 2100 FRANKLIN ST., SUITE 4C
 OAKLAND, CA 94612

ELECTRICAL ENGINEER
 RJA INC.
 5515 DOYLE ST., #7
 EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
 RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704

SUBMITTAL

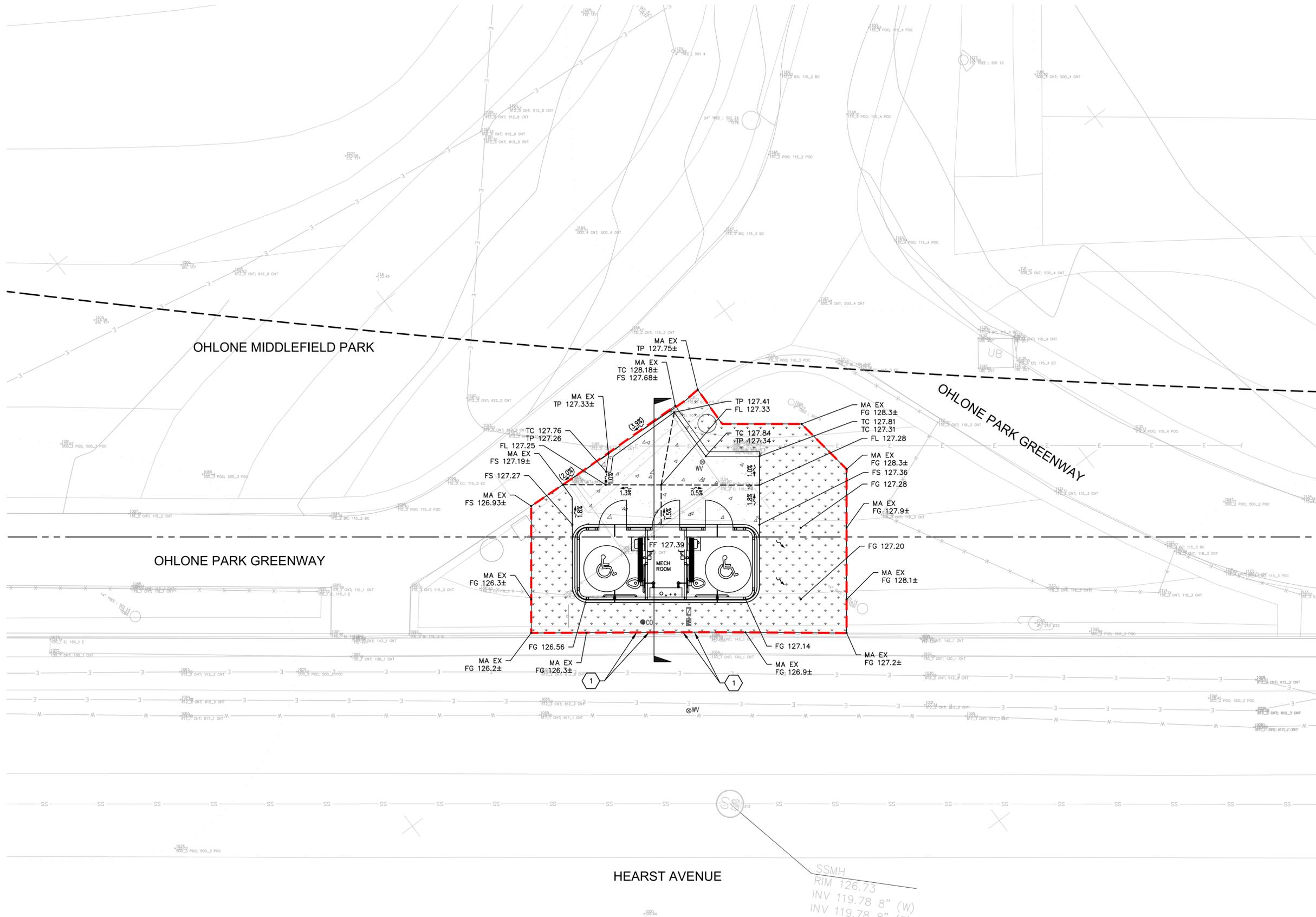
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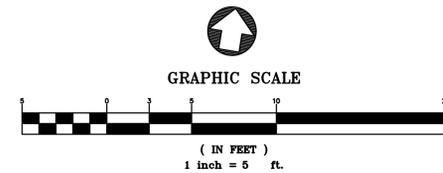
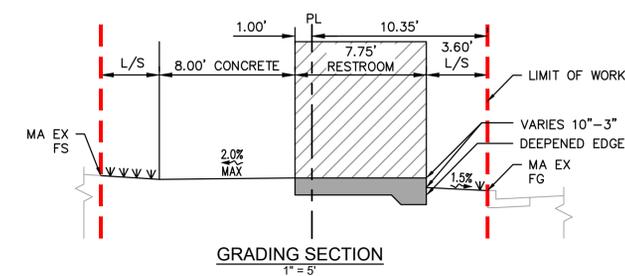
SHEET TITLE
C2.0 - GRADING & DRAINAGE PLAN

Scale: AS SHOWN
 Date: 02/01/2024
 Drawn by: MA
 Checked by: JW
 Project No.: 20220882



- LEGEND:**
- PROPERTY LINE
 - - - BART EASEMENT LINE
 - - - LIMIT OF WORK
 - ▨ LANDSCAPE, SEE PLANS
 - ▩ CONCRETE, SEE LANDSCAPE PLANS FOR PAVEMENT SECTION
 - - - GRADE BREAK LINE

- KEYNOTES:**
- ① REPLACE EXISTING CURB AND GUTTER, SEE DETAILS 2 AND 3, SHEET C4.0



PROJECT TEAM

LANDSCAPE ARCHITECT
 BASE LANDSCAPE ARCHITECTURE
 145 A LOWER TERRACE
 SAN FRANCISCO, CA 94114

CIVIL ENGINEER
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 2100 FRANKLIN ST., SUITE 4C
 OAKLAND, CA 94612

ELECTRICAL ENGINEER
 RJA INC.
 5515 DOYLE ST., #7
 EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
 RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704
 PLAN #8287
 FILE #406-221
 SPECIFICATION #24-11649-C

SUBMITTAL

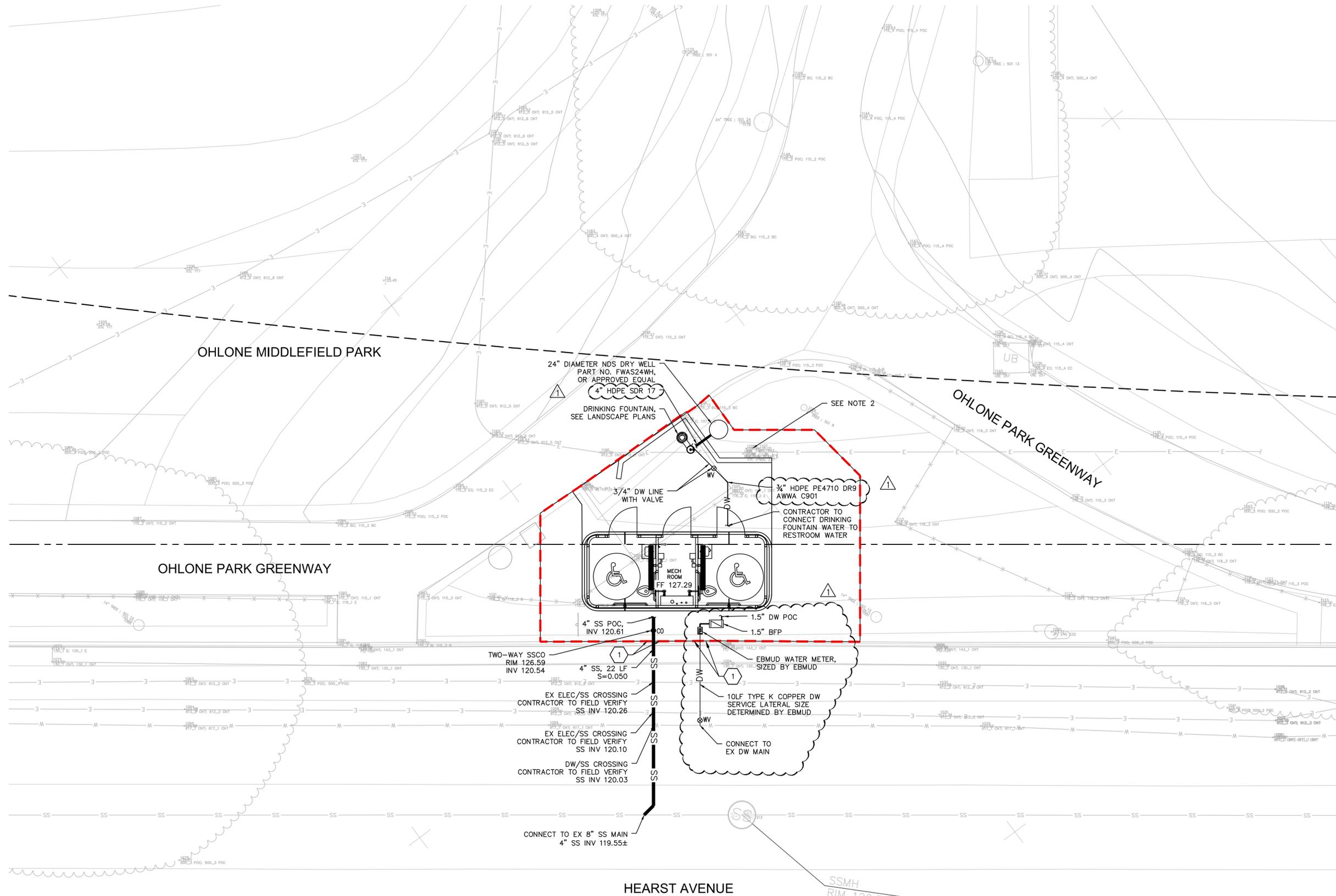
#	Date	Description
1	6/26/2024	Permit Resubmittal

STAMP



**SHEET TITLE
 C3.0 - UTILITY PLAN**

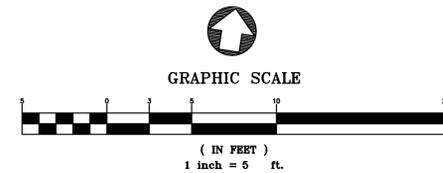
Scale: AS SHOWN
 Date: 02/01/2024
 Drawn by: MA
 Checked by: JW
 Project No.: 20220882



- LEGEND:**
- PROPERTY LINE
 - - - BART EASEMENT LINE
 - - - LIMIT OF WORK
 - SS SANITARY SEWER LINE HDPE SDR 17, SEE PLAN FOR SIZE
 - DW DOMESTIC WATER LINE
 - SANITARY SEWER CLEANOUT (C4.0)
 - ⊗ DOMESTIC WATER VALVE
 - ⊠ EBMUD WATER METER
 - ⊡ BACKFLOW PREVENTER REDUCE PRESSURE PRINCIPLE ASSEMBLY

- NOTES**
- CONTRACTOR TO FIELD VERIFY AND ADJUST UTILITY POINTS OF CONNECTION TO BUILDING AND WATER FOUNTAIN.
 - PROPOSED GRADE IS ±8" LOWER THAN EXISTING. CONTRACTOR TO RESET/INSTALL NEW ELECTRICAL BOX TO PROPOSED GRADE.
 - AN ENGINEERING PERMIT WILL BE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO CONSTRUCTION STAGING, RESERVED CONSTRUCTION PARKING, SIDEWALK, DRAINAGE, OR SEWER WORK. APPROVAL OF THIS BUILDING PERMIT DOES NOT AUTHORIZE WORK IN THE PUBLIC RIGHT-OF-WAY.

- KEYNOTES:**
- REPLACE EXISTING CURB AND GUTTER, SEE DETAILS 2 AND 3, SHEET C4.0



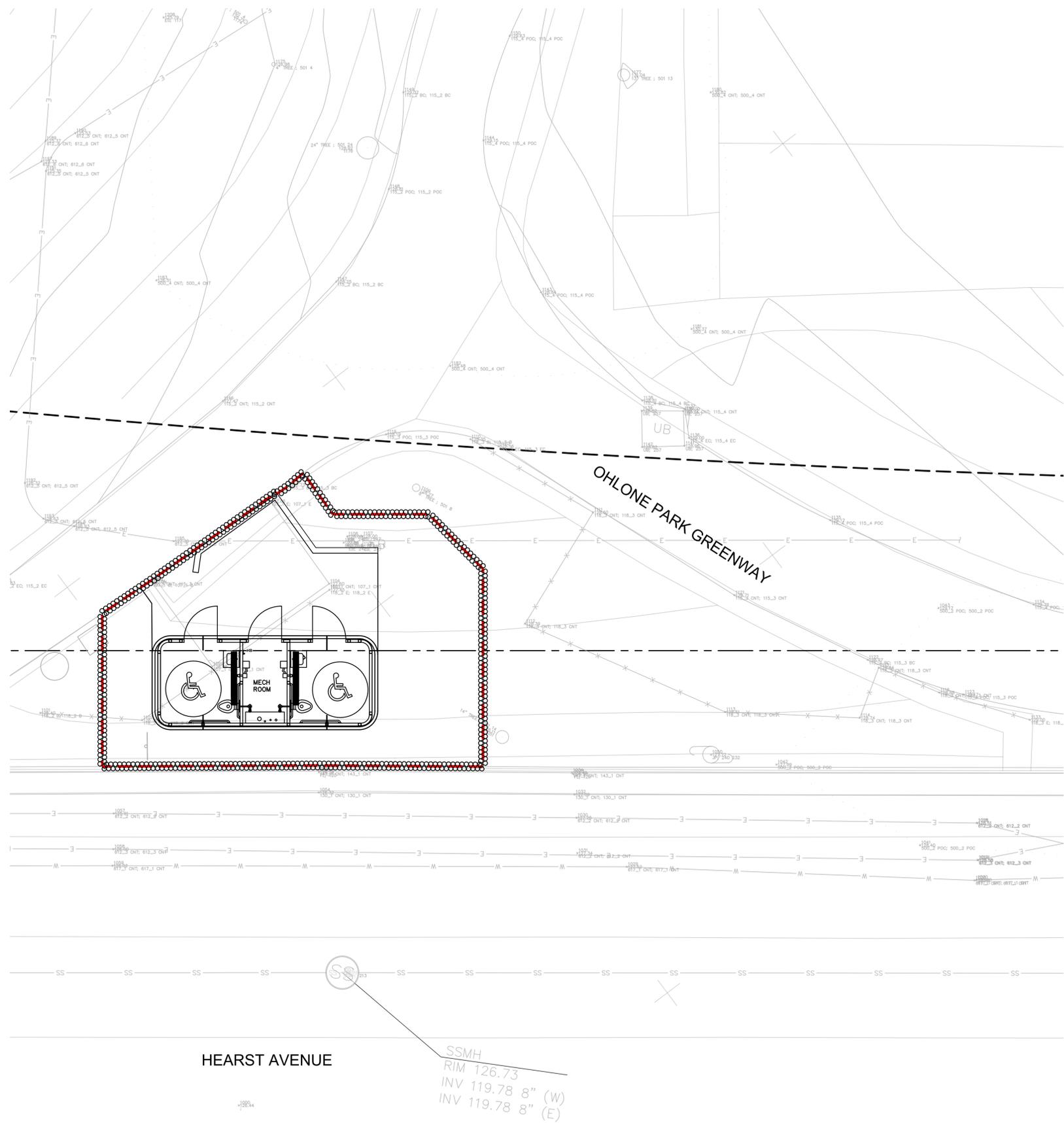
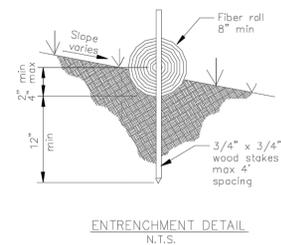
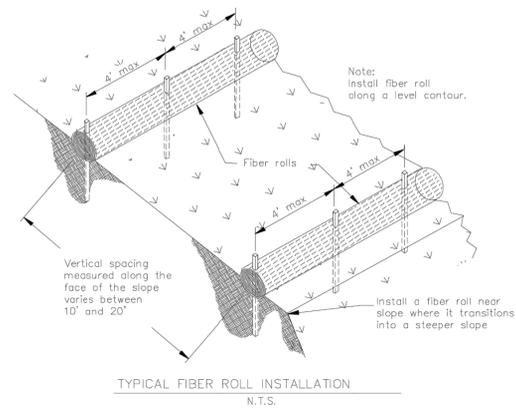
EROSION CONTROL NOTES:

1. REFERENCE: "CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICE (BMP) HANDBOOK", LATEST EDITION.
2. CONSTRUCTION AREAS SHOWN ARE CONCEPTUAL. ACTUAL PLACEMENT TO BE DETERMINED BY CONTRACTOR BASED ON CURRENT BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL SUBMIT A CONSTRUCTION STAGING PLAN.
3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN EFFECT AND MAINTAINED BY THE CONTRACTOR ON A YEAR-ROUND BASIS UNTIL ALL DISTURBED AREAS ARE STABILIZED UNLESS OTHERWISE PERMITTED BY THE CITY INSPECTOR.
4. AS PART OF THE GRADING OPERATIONS, THE CONTRACTOR SHALL ENSURE THAT THE SITE IS WATERED PRIOR TO THE COMMENCEMENT OF GRADING.
5. ALL INLETS RECEIVING STORM WATER RUNOFF FROM THE PROJECT AREA MUST BE EQUIPPED WITH REQUIRED INLET PROTECTION.
6. ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF ENTERING THE STORM DRAIN SYSTEM.
7. ALL CONCRETE SLURRY SHALL BE CONTAINED IN CONCRETE WASH-OUT AREAS DESIGNATED ON-SITE.
8. STOCKPILED EARTHEN MATERIAL SHALL BE EITHER COVERED WITH A TARP OR WATERED SUFFICIENTLY TO ELIMINATE DUST.
9. TEMPORARY EROSION CONTROLS TO STABILIZE ALL DENUDED AREAS UNTIL PERMANENT EROSION CONTROLS ARE ESTABLISHED.
10. DELINEATE WITH FIELD MARKERS CLEARING LIMITS, EASEMENTS, SETBACKS, SENSITIVE OR CRITICAL AREAS, BUFFER ZONES, TREES, AND DRAINAGE COURSES.
11. PERFORM CLEARING AND EARTH MOVING ACTIVITIES ONLY DURING DRY WEATHER.
12. USE SEDIMENT CONTROLS OR FILTRATION TO REMOVE SEDIMENT WHEN DEWATERING AND OBTAIN ALL NECESSARY PERMITS.
13. PROTECT ALL STORM DRAIN INLETS IN VICINITY OF SITE USING SEDIMENT CONTROLS SUCH AS BERMS, FIBER ROLLS, OR FILTERS.
14. TRAP SEDIMENT ON-SITE, USING BMPs SUCH AS SEDIMENT BASINS OR TRAPS, EARTHEN DIKES OR BERMS, SILT FENCES, CHECK DAMS, SOIL BLANKETS OR MATS, COVERS FOR SOIL STOCK PILES, ETC.
15. DIVERT ON-SITE RUNOFF AROUND EXPOSED AREAS; DIVERT OFF-SITE RUNOFF AROUND THE SITE (E.G., SWALES AND DIKES).
16. PROTECT ADJACENT PROPERTIES AND UNDISTURBED AREAS FROM CONSTRUCTION IMPACTS USING VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES, MULCHING, OR OTHER MEASURES AS APPROPRIATE.
17. LIMIT CONSTRUCTION ACCESS ROUTES AND STABILIZE DESIGNATED ACCESS POINTS.
18. NO CLEANING, FUELING, OR MAINTAINING VEHICLES ON-SITE, EXCEPT IN A DESIGNATED AREA WHERE WASHWATER IS CONTAINED AND TREATED.
19. STORE, HANDLE, AND DISPOSE OF CONSTRUCTION MATERIALS/WASTES PROPERLY TO PREVENT CONTACT WITH STORMWATER.
20. CONTRACTOR SHALL TRAIN AND PROVIDE INSTRUCTION TO ALL EMPLOYEES/SUBCONTRACTORS RE: CONSTRUCTION BMPs.
21. CONTROL AND PREVENT THE DISCHARGE OF ALL POTENTIAL POLLUTANTS, INCLUDING PAVEMENT CUTTING WASTES, PAINTS, CONCRETE, PETROLEUM PRODUCTS, CHEMICALS, WASHWATER OR SEDIMENTS, RINSE WATER FROM ARCHITECTURAL COPPER, AND NON-STORMWATER DISCHARGES TO STORM DRAINS AND WATERCOURSES.
22. CONTRACTOR SHALL PROVIDE INLET PROTECTION AT THE NEAREST DOWNSTREAM STORM DRAIN ALONG PROJECT SITE.

LOCATION OF CONSTRUCTION ACTIVITIES IS PRELIMINARY AND SHALL BE SUPERSEDED BY FINALIZED CONSTRUCTION ACTIVITY LOCATIONS, SHOWN/UPDATED BY CONTRACTOR.

Fiber Rolls

SE-5



LEGEND:

- PROPERTY LINE
- - - BART EASEMENT LINE
- - - LIMIT OF WORK
- ⊘ FIBER ROLL

SSMH
RIM 126.73
INV 119.78 8" (W)
INV 119.78 8" (E)



PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
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PROJECT

**OHLONE PARK
RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704

SUBMITTAL

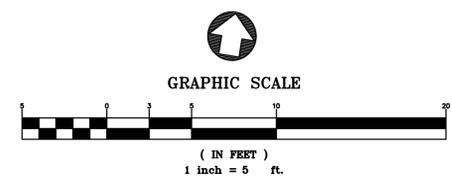
#	Date	Description

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**SHEET TITLE
C5.0 - SEDIMENTATION
& EROSION CONTROL
PLAN**

Scale: AS SHOWN
Date: 02/01/2024
Drawn by: MA
Checked by: JW
Project No.: 20220882



PROJECT TEAM

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EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
	10-18-2023	50% CD SUBMITTAL
	02-01-2024	100% CD SUBMITTAL
⚠	07-05-2024	PERMIT RESUBMITTAL
⚠	08-12-2024	PERMIT RESUBMITTAL

STAMP



Date Signed: 6/26/24

SHEET TITLE

COVER SHEET -
ELECTRICAL

Scale: NO SCALE
Date: 11-01-2022
Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-0.1

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
NOTES:	LUMINAIRE PROVIDED WITH ON-BOARD PHOTOCELL, MFG MOD #84288/0004873 3000K
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 GRAFFITI 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:	1335 LUMENS, 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:	34088 LUMENS, B4-U0-G3, 4000K
WATTS:	331W
MANUFACTURER:	VISIONAIRE #BCL-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:	58862 LUMENS, B4-U0-G3, 4000K
WATTS:	659W
MANUFACTURER:	VISIONAIRE #BLX-II-6-T3-192LC-10-4K-UNV-PT-XX-CLS OR APPROVED
NOTES:	---

SYMBOL LIST (NOT ALL SYMBOLS USED)

LINE TYPES	---	EXISTING EQUIPMENT/ RACEWAYS TO REMAIN, (E)
---	---	EXISTING EQUIPMENT/ RACEWAYS TO BE REMOVED, (D)
---	---	NEW EQUIPMENT / RACEWAYS
SINGLE LINE DIAGRAM	⊕	TRANSFORMER
⊕	⊕	CIRCUIT BREAKER
⊕	⊕	MOTOR STARTER WITH OVERCURRENT PROTECTION 3 POLE UNLESS OTHERWISE NOTED
⊕	⊕	NON-FUSED DISCONNECT SWITCH, 30 AMP, 3P UNLESS NOTED OTHERWISE.
⊕	⊕	FUSED DISCONNECT SWITCH, 3 POLE UNLESS NOTED OTHERWISE.
⊕	⊕	UTILITY METER
LUMINAIRES	□	AREA LUMINAIRE MOUNTED WITH POLE AND CONCRETE BASE
⊕	⊕	BOLLARD OR POST TOP LUMINAIRE, SEE LUMINAIRE SCHEDULE
▷	▷	FLOOD LIGHT
'A'	⊕	LUMINAIRE NOMENCLATURE 'A' = LUMINAIRE TYPE, SEE LUMINAIRE SCHEDULE 1 = CIRCUIT NUMBER o = LOWERCASE LETTER INDICATES MANUAL OR OCCUPANCY SWITCH LEG zA = INDICATES AUTOMATED DAYLIGHT CONTROL ZONE
DEVICES	⊕	FLOOR* WALL CEILING
J	⊕	4-IN SQUARE JUNCTION BOX
⊕	⊕	PULL BOX, SIZED PER CODE
⊕	⊕	POWER AND DATA JUNCTION BOXES WITH WHIPS FOR FURNITURE CONNECTION. *PROVIDE POWER POLE WITH CEILING JUNCTION BOX
EQUIPMENT	▬	RECESSED SURFACE
▬	▬	RELAY OR EQUIPMENT CABINET AS INDICATED ON PLANS.
▬	▬	LIGHTING OR POWER PANEL BOARD.
▬	▬	FREE STANDING SWITCHBOARD, MOTOR CONTROL CENTER OR DISTRIBUTION BOARD.
G	G	GROUND BUS BAR
PB	PB	UNDERGROUND PULL BOX, CHRISTY OR APPROVED.
TAGS	EEE	ELECTRICAL EQUIPMENT DESIGNATION DESIGNATED "EQ01"
↓	↓	SHEET NOTE ON SAME SHEET.
XX	XX	EQUIPMENT NAME OR NUMBER
1 E-6	1 E-6	DETAIL REFERENCE

ABBREVIATIONS

(E)	EXISTING
(D)	DEMOLISH
(R)	RELOCATE
(RL)	NEW LOCATION OF RELOCATED DEVICE
A	AMPERES, AMPER
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AVAILABLE INTERRUPTING CAPACITY
C	CONDUIT, CLOSE, CONTROL
CA	CABLE
CAT	CATEGORY
CU	COPPER
DA	DIAMETER
DM	DIMENSION
DIV	DIVISION
DN	DOWN
DWG	DRAWING
EA	EACH
FF	FINISH FLOOR
FT	FOOT, FEET G,
GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LV	LOW VOLTAGE
MCA	MINIMUM CIRCUIT AMPS
MISC	MISCELLANEOUS
MOPC	MAXIMUM OVERCURRENT PROTECTION
NEC	NATIONAL ELECTRIC CODE
NTS	NOT TO SCALE
PH	PHASE
QTY	QUANTITY
RM	ROOM
STD	STANDARD
TBD	TO BE DETERMINED
TGB	TELECOMMUNICATIONS GROUNDING BUS BAR
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
V	VOLTS, VOLTAGE
WP	WEATHERPROOF

GENERAL ELECTRICAL NOTES

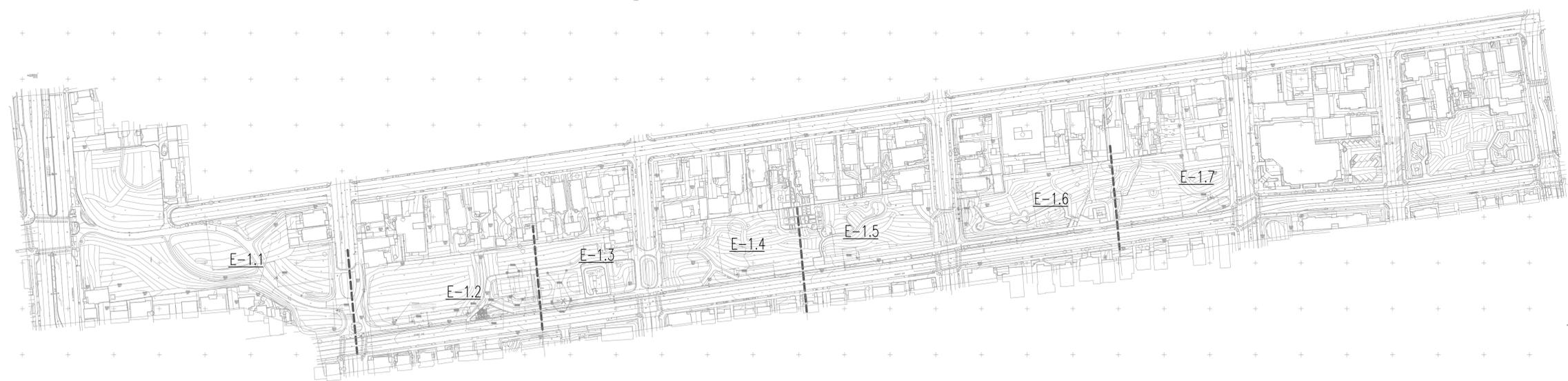
- SCHEDULE WORK IN EXISTING BUILDINGS WITH THE OWNER. MINIMIZE DISRUPTION OF NORMAL OPERATIONS.
- VISIT THE SITE BEFORE SUBMITTING A BID TO OBSERVE EXISTING CONDITIONS.
- PLANS DO NOT GENERALLY INDICATE WIRE COUNTS. FOR EACH 20 AMP, 120 VOLT OR 277 VOLT CIRCUIT, PROVIDE (1) #12 PHASE CONDUCTOR, (1) #12 NEUTRAL CONDUCTOR AND (1) #12 GROUNDING CONDUCTOR. WHERE MULTIPLE CIRCUITS ARE SHOWN, UP TO THREE SEPARATE AND DIFFERENTLY PHASED CIRCUITS (A, B AND C) PROVIDE DEDICATED NEUTRALS UNLESS OTHERWISE NOTED AND A SINGLE GROUNDING CONDUCTOR. WHERE DRAWINGS INDICATE WIRE SIZES/COUNTS, PROVIDE SUCH CIRCUIT, NEUTRAL AND GROUNDING CONDUCTORS FOR THE PORTION OF THE CIRCUIT WHERE SUCH CONDUCTORS SHARE A COMMON CONDUIT. GROUND WIRE INSULATION: GREEN. ALL WORK COMPLY WITH CEC 300.17.
- IN ALL CASES AND FOR ALL SYSTEMS AND COMPONENTS, USE ONLY EQUIPMENT IN ACCORDANCE WITH ITS LISTING OR LABELING. [CEC 110.3(B)]
- USE ONLY EQUIPMENT MARKED (LISTED/LABELED) AS SUITABLE FOR INSTALLATION AND WITH HIGHER TEMPERATURE RATED CONDUCTORS AT THE AMPACITY OF THE HIGHER RATED CONDUCTORS. REFER TO THE UL ELECTRICAL CONSTRUCTION MATERIAL DIRECTORY FOR CIRCUIT BREAKERS, SWITCHES, PANELBOARDS, SWITCHBOARDS, ETC. [CEC 110.14(C)]
- PROVIDE SUFFICIENT ACCESS AND WORKING CLEARANCE ABOUT THE ELECTRICAL EQUIPMENT IN ACCORDANCE WITH CEC 110.26(A).
- PROVIDE OUTLET DEVICE(S) INSTALLED ON A BRANCH CIRCUIT WITH A RATING IN ACCORDANCE WITH CEC 210.21(B) (SEE EXCEPTIONS, AND REFER TO 210.21(B) TABLE(S)).
- DO NOT INSTALL CONDUCTORS OTHER THAN SERVICE CONDUCTORS IN THE SAME SERVICE RACEWAY OR SERVICE CABLE WITH OTHER CONDUCTORS. SEE EXCEPTIONS. [CEC 230.7]
- FOR PVC CONDUIT, PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR RUN WITH THE FEEDER CONDUCTORS AND SIZE PER CEC TABLE 250.122.

CODES & STANDARDS

- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA ENERGY CODE (TITLE 24)
- 2022 CALIFORNIA FIRE CODE
- 2022 CALIFORNIA GREEN CODE
- CITY OF BERKELEY DESIGN STANDARDS

DRAWING INDEX

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E-1.2	ENLARGED SITE PLAN - ELECTRICAL
E-1.3	ENLARGED SITE PLAN - ELECTRICAL
E-1.4	ENLARGED SITE PLAN - ELECTRICAL
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E-1.7	ENLARGED SITE PLAN - ELECTRICAL
E-2.1	ENLARGED PLAN - ELECTRICAL
E-3.1	DETAILS
E-3.2	DETAILS
E-4.1	LUMINAIRE CUT SHEETS



NOT FOR CONSTRUCTION

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
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CIVIL ENGINEER
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ELECTRICAL ENGINEER
RUA INC.
5515 DOYLE ST., #7
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PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
	10-18-2023	50% CD SUBMITTAL
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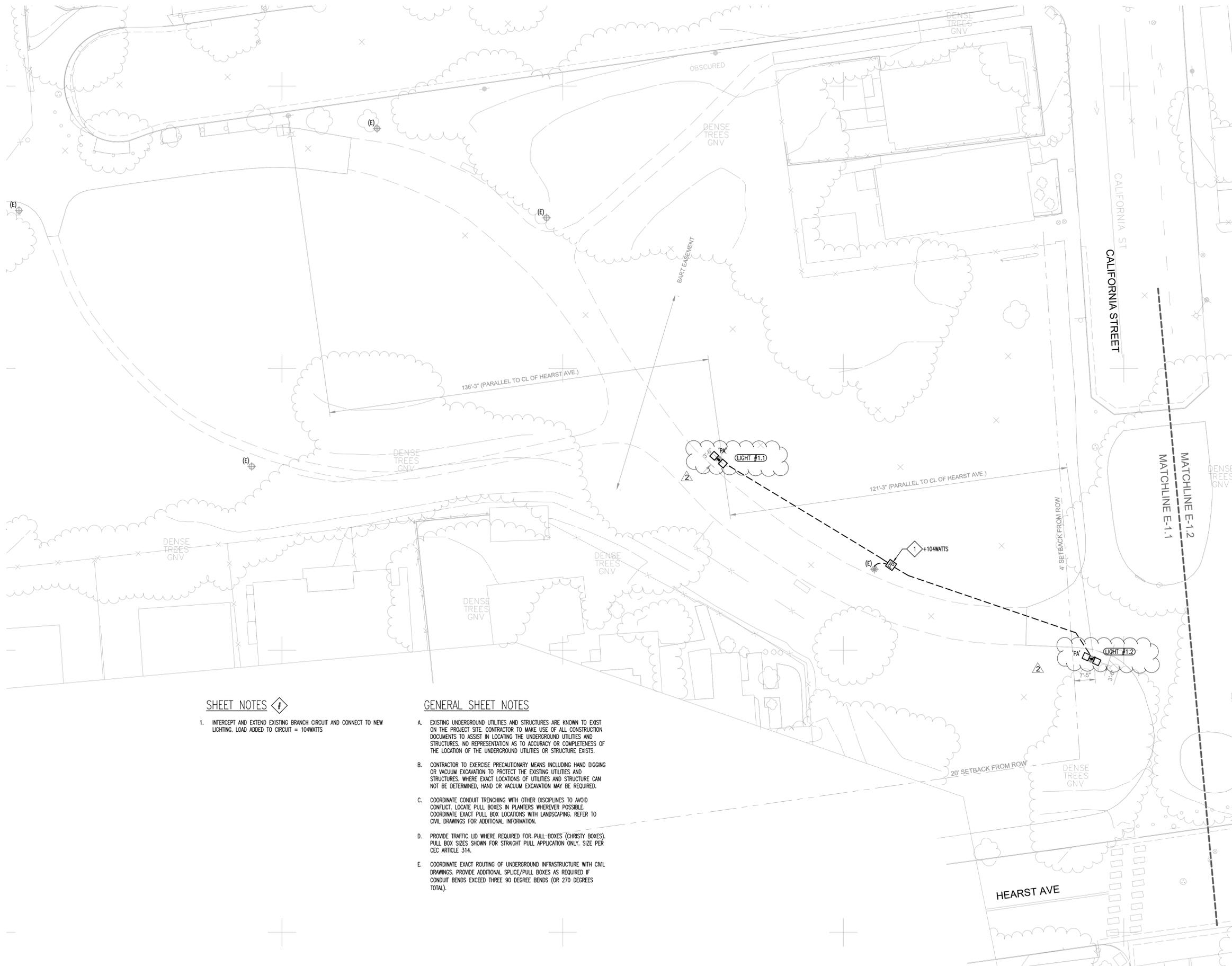
SHEET TITLE

ENLARGED SITE PLAN -
ELECTRICAL

Scale: 1/16" = 1'-0"
Date: 11-01-2022
Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-1.1

NOT FOR CONSTRUCTION



SHEET NOTES

- INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT AND CONNECT TO NEW LIGHTING. LOAD ADDED TO CIRCUIT = 104WATTS

GENERAL SHEET NOTES

- EXISTING UNDERGROUND UTILITIES AND STRUCTURES ARE KNOWN TO EXIST ON THE PROJECT SITE. CONTRACTOR TO MAKE USE OF ALL CONSTRUCTION DOCUMENTS TO ASSIST IN LOCATING THE UNDERGROUND UTILITIES AND STRUCTURES. NO REPRESENTATION AS TO ACCURACY OR COMPLETENESS OF THE LOCATION OF THE UNDERGROUND UTILITIES OR STRUCTURE EXISTS.
- CONTRACTOR TO EXERCISE PRECAUTIONARY MEANS INCLUDING HAND DIGGING OR VACUUM EXCAVATION TO PROTECT THE EXISTING UTILITIES AND STRUCTURES. WHERE EXACT LOCATIONS OF UTILITIES AND STRUCTURE CAN NOT BE DETERMINED, HAND OR VACUUM EXCAVATION MAY BE REQUIRED.
- COORDINATE CONDUIT TRENCHING WITH OTHER DISCIPLINES TO AVOID CONFLICT. LOCATE PULL BOXES IN PLANTERS WHEREVER POSSIBLE. COORDINATE EXACT PULL BOX LOCATIONS WITH LANDSCAPING. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE TRAFFIC LID WHERE REQUIRED FOR PULL BOXES (CHRISTY BOXES). PULL BOX SIZES SHOWN FOR STRAIGHT PULL APPLICATION ONLY. SIZE PER CEC ARTICLE 314.
- COORDINATE EXACT ROUTING OF UNDERGROUND INFRASTRUCTURE WITH CIVIL DRAWINGS. PROVIDE ADDITIONAL SPLICE/PULL BOXES AS REQUIRED IF CONDUIT BENDS EXCEED THREE 90 DEGREE BENDS (OR 270 DEGREES TOTAL).

PROJECT TEAM

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PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

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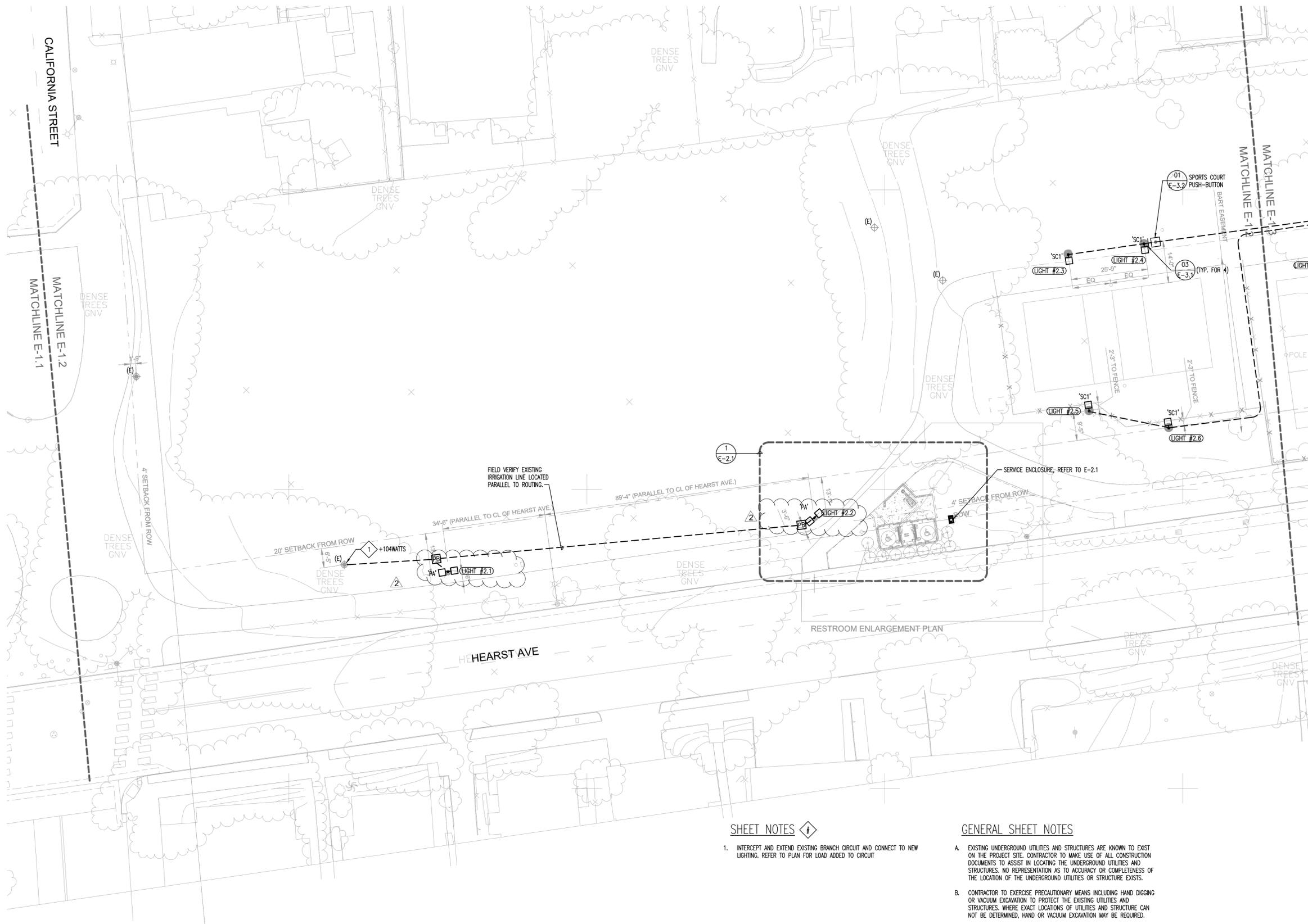
SHEET TITLE

ENLARGED SITE PLAN -
ELECTRICAL

Scale: 1/16" = 1'-0"
Date: 11-01-2022
Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-1.2

NOT FOR CONSTRUCTION



SHEET NOTES

- INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT AND CONNECT TO NEW LIGHTING. REFER TO PLAN FOR LOAD ADDED TO CIRCUIT

GENERAL SHEET NOTES

- EXISTING UNDERGROUND UTILITIES AND STRUCTURES ARE KNOWN TO EXIST ON THE PROJECT SITE. CONTRACTOR TO MAKE USE OF ALL CONSTRUCTION DOCUMENTS TO ASSIST IN LOCATING THE UNDERGROUND UTILITIES AND STRUCTURES. NO REPRESENTATION AS TO ACCURACY OR COMPLETENESS OF THE LOCATION OF THE UNDERGROUND UTILITIES OR STRUCTURE EXISTS.
- CONTRACTOR TO EXERCISE PRECAUTIONARY MEANS INCLUDING HAND DIGGING OR VACUUM EXCAVATION TO PROTECT THE EXISTING UTILITIES AND STRUCTURES. WHERE EXACT LOCATIONS OF UTILITIES AND STRUCTURE CAN NOT BE DETERMINED, HAND OR VACUUM EXCAVATION MAY BE REQUIRED.
- COORDINATE CONDUIT TRENCHING WITH OTHER DISCIPLINES TO AVOID CONFLICT. LOCATE PULL BOXES IN PLANTERS WHEREVER POSSIBLE. COORDINATE EXACT PULL BOX LOCATIONS WITH LANDSCAPING. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE TRAFFIC LID WHERE REQUIRED FOR PULL BOXES (CHRISTY BOXES). PULL BOX SIZES SHOWN FOR STRAIGHT PULL APPLICATION ONLY. SIZE PER CEC ARTICLE 314.
- COORDINATE EXACT ROUTING OF UNDERGROUND INFRASTRUCTURE WITH CIVIL DRAWINGS. PROVIDE ADDITIONAL SPLICE/PULL BOXES AS REQUIRED IF CONDUIT BENDS EXCEED THREE 90 DEGREE BENDS (OR 270 DEGREES TOTAL).

PROJECT TEAM

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PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
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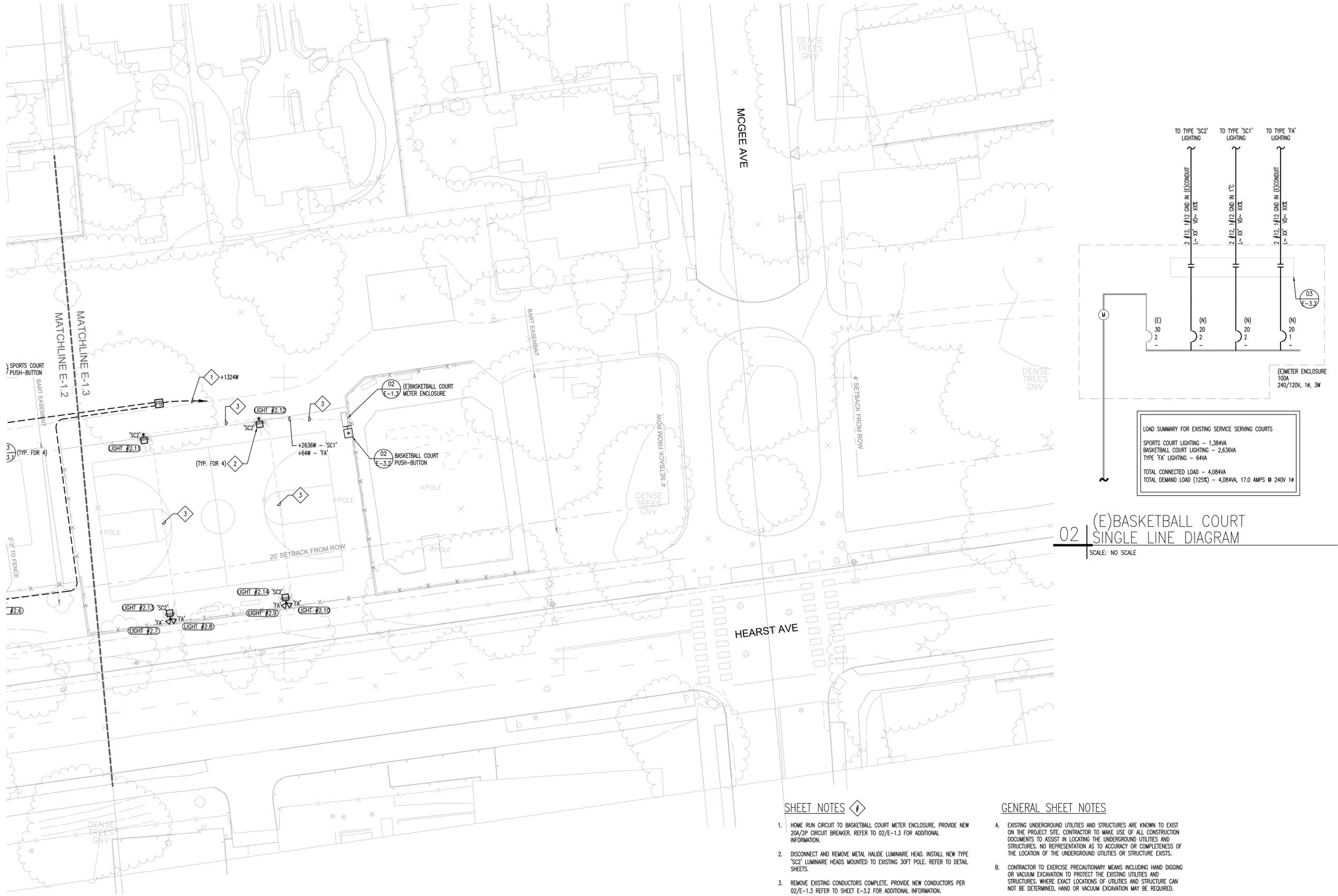
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SHEET TITLE

ENLARGED SITE PLAN -
ELECTRICAL

Scale: 1/16" = 1'-0"
Date: 11-01-2022
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E-1.3



SHEET NOTES

- HOME RUN CIRCUIT TO BASKETBALL COURT METER ENCLOSURE. PROVIDE NEW 20A/2P CIRCUIT BREAKER. REFER TO 02/E-1.3 FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE METAL HALIDE LUMINAIRE HEAD. INSTALL NEW TYPE 'SC2' LUMINAIRE HEADS MOUNTED TO EXISTING 30FT POLE. REFER TO DETAIL SHEETS.
- REMOVE EXISTING CONDUCTORS COMPLETE. PROVIDE NEW CONDUCTORS PER 02/E-1.3 REFER TO SHEET E-3.2 FOR ADDITIONAL INFORMATION.

GENERAL SHEET NOTES

- EXISTING UNDERGROUND UTILITIES AND STRUCTURES ARE KNOWN TO EXIST ON THE PROJECT SITE. CONTRACTOR TO MAKE USE OF ALL CONSTRUCTION DOCUMENTS TO ASSIST IN LOCATING THE UNDERGROUND UTILITIES AND STRUCTURES. NO REPRESENTATION AS TO ACCURACY OR COMPLETENESS OF THE LOCATION OF THE UNDERGROUND UTILITIES OR STRUCTURE EXISTS.
- CONTRACTOR TO EXERCISE PRECAUTIONARY MEANS INCLUDING HAND DIGGING OR VACUUM EXCAVATION TO PROTECT THE EXISTING UTILITIES AND STRUCTURES. WHERE EXACT LOCATIONS OF UTILITIES AND STRUCTURE CAN NOT BE DETERMINED, HAND OR VACUUM EXCAVATION MAY BE REQUIRED.
- COORDINATE CONDUIT TRENCHING WITH OTHER DISCIPLINES TO AVOID CONFLICT. LOCATE PULL BOXES IN PLANTERS WHEREVER POSSIBLE. COORDINATE EXACT PULL BOX LOCATIONS WITH LANDSCAPING. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE TRAFFIC LID WHERE REQUIRED FOR PULL BOXES (CHRISTY BOXES). PULL BOX SIZES SHOWN FOR STRAIGHT PULL APPLICATION ONLY. SIZE PER CEC ARTICLE 314.
- COORDINATE EXACT ROUTING OF UNDERGROUND INFRASTRUCTURE WITH CIVIL DRAWINGS. PROVIDE ADDITIONAL SPLICE/PULL BOXES AS REQUIRED IF CONDUIT BENDS EXCEED THREE 90 DEGREE BENDS (OR 270 DEGREES TOTAL).

NOT FOR CONSTRUCTION

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
285 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RUA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

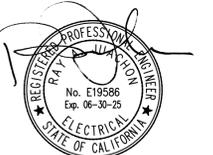
OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
	10-18-2023	50% CD SUBMITTAL
	02-01-2024	100% CD SUBMITTAL
⚠	07-05-2024	PERMIT RESUBMITTAL
⚠	08-12-2024	PERMIT RESUBMITTAL

STAMP



Date Signed:
6/26/24

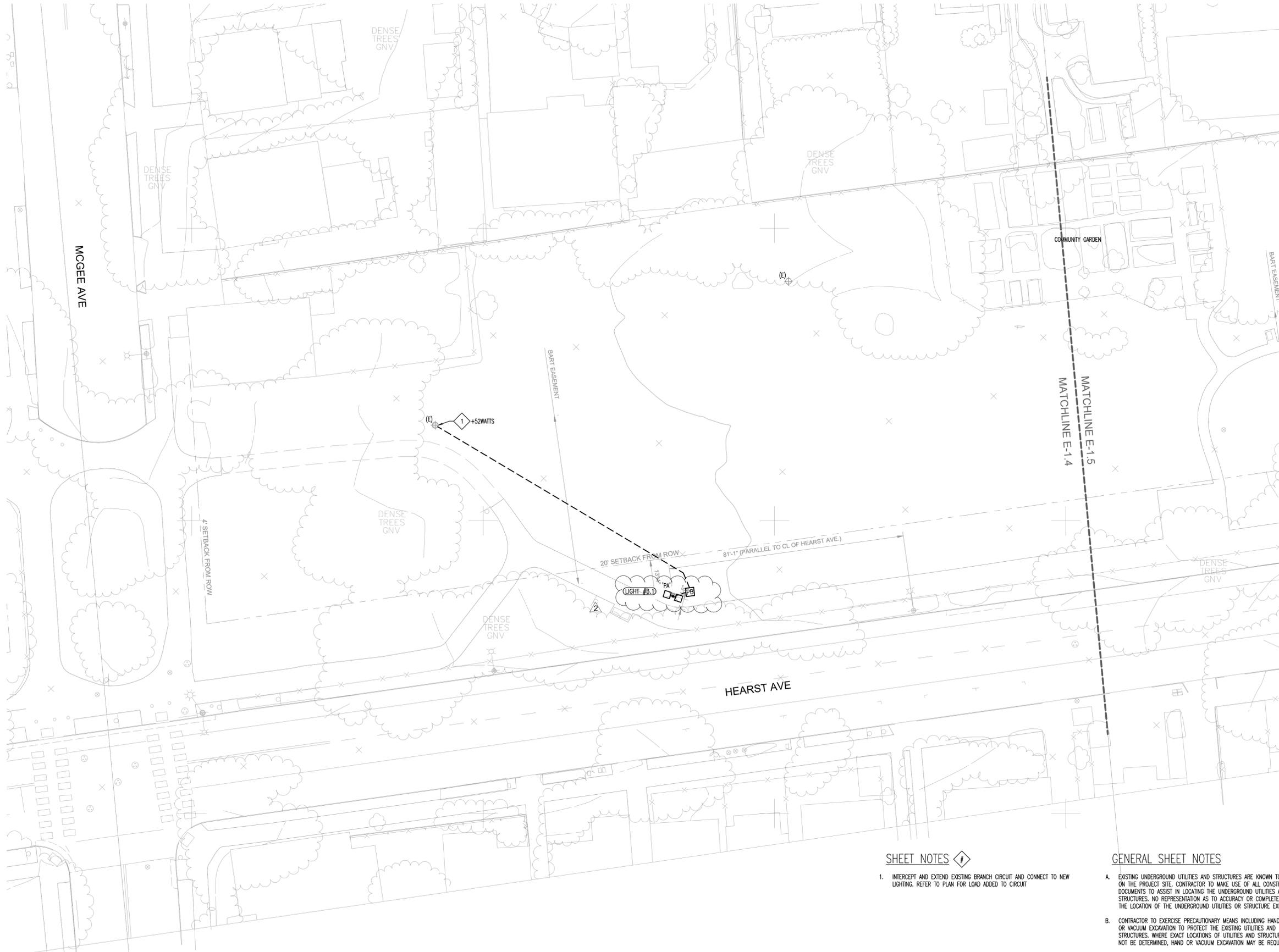
SHEET TITLE

ENLARGED SITE PLAN -
ELECTRICAL

Scale: 1/16" = 1'-0"
Date: 11-01-2022
Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-1.4

NOT FOR CONSTRUCTION



SHEET NOTES

- INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT AND CONNECT TO NEW LIGHTING. REFER TO PLAN FOR LOAD ADDED TO CIRCUIT

GENERAL SHEET NOTES

- EXISTING UNDERGROUND UTILITIES AND STRUCTURES ARE KNOWN TO EXIST ON THE PROJECT SITE. CONTRACTOR TO MAKE USE OF ALL CONSTRUCTION DOCUMENTS TO ASSIST IN LOCATING THE UNDERGROUND UTILITIES AND STRUCTURES. NO REPRESENTATION AS TO ACCURACY OR COMPLETENESS OF THE LOCATION OF THE UNDERGROUND UTILITIES OR STRUCTURE EXISTS.
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PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
285 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RUA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

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▲	08-12-2024	PERMIT RESUBMITTAL

STAMP



Date Signed:
6/26/24

SHEET TITLE

ENLARGED SITE PLAN -
ELECTRICAL

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Project No.: 2215

E-1.5



SHEET NOTES

- INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT AND CONNECT TO NEW LIGHTING. REFER TO PLAN FOR LOAD ADDED TO CIRCUIT

GENERAL SHEET NOTES

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NOT FOR CONSTRUCTION

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RUA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
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⚠	08-12-2024	PERMIT RESUBMITTAL

STAMP



Date Signed:
6/26/24

SHEET TITLE

ENLARGED SITE PLAN -
ELECTRICAL

Scale: 1/16" = 1'-0"
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Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-1.6

NOT FOR CONSTRUCTION



SHEET NOTES

- INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT AND CONNECT TO NEW LIGHTING. REFER TO PLAN FOR LOAD ADDED TO CIRCUIT

GENERAL SHEET NOTES

- EXISTING UNDERGROUND UTILITIES AND STRUCTURES ARE KNOWN TO EXIST ON THE PROJECT SITE. CONTRACTOR TO MAKE USE OF ALL CONSTRUCTION DOCUMENTS TO ASSIST IN LOCATING THE UNDERGROUND UTILITIES AND STRUCTURES. NO REPRESENTATION AS TO ACCURACY OR COMPLETENESS OF THE LOCATION OF THE UNDERGROUND UTILITIES OR STRUCTURE EXISTS.
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PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RUA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

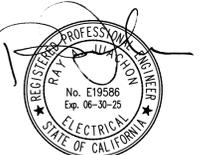
OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

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STAMP



Date Signed:
6/26/24

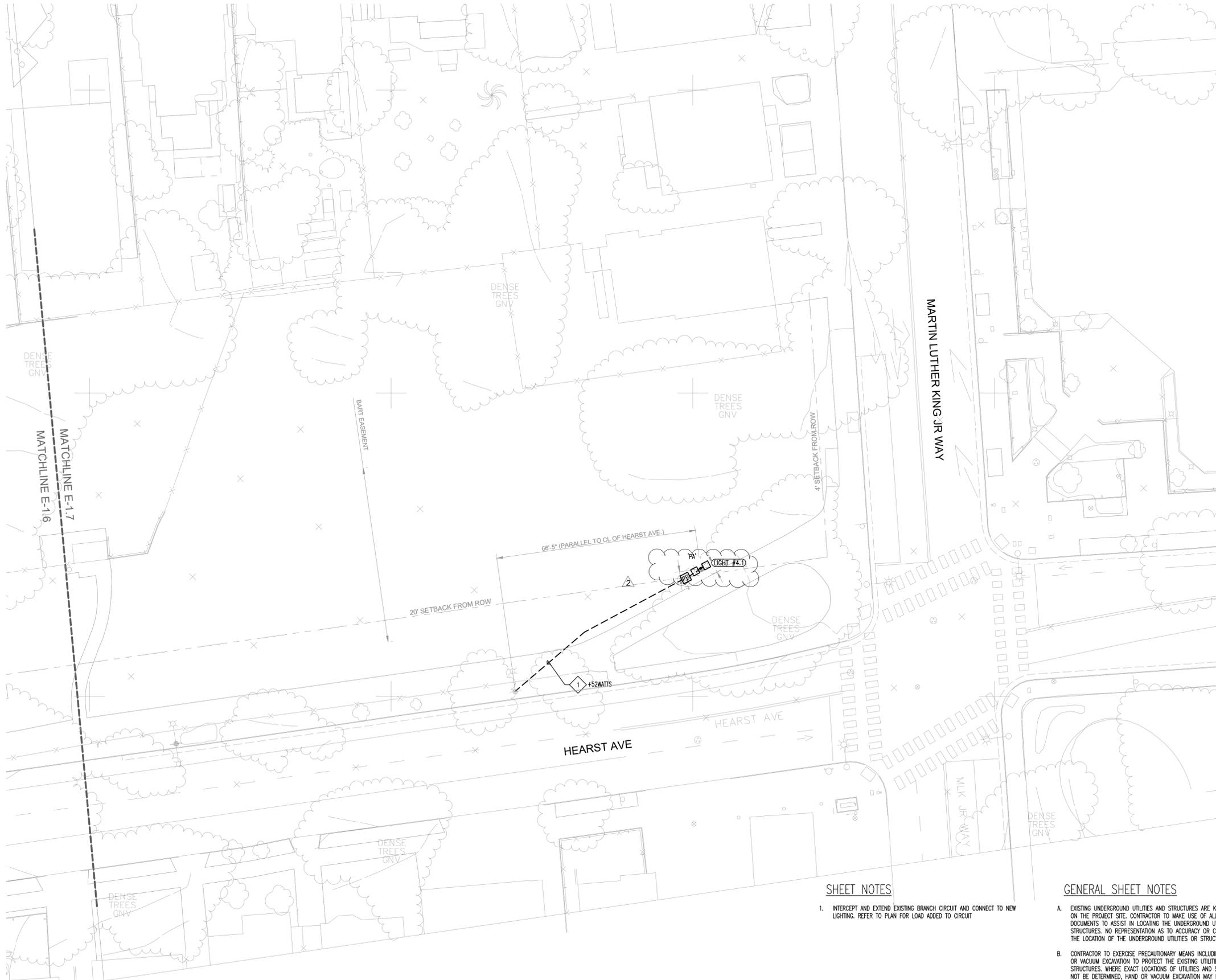
SHEET TITLE

ENLARGED SITE PLAN -
ELECTRICAL

Scale: 1/16" = 1'-0"
Date: 11-01-2022
Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-1.7

NOT FOR CONSTRUCTION



SHEET NOTES

- INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT AND CONNECT TO NEW LIGHTING. REFER TO PLAN FOR LOAD ADDED TO CIRCUIT

GENERAL SHEET NOTES

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GENERAL SHEET NOTES

- A. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS WITH THE APPROVED PRE-FABRICATED RESTROOM MANUFACTURER SHOP DRAWINGS.
- B. INSTALLATION OF PG&E SERVICE CONDUITS, GROUNDING, ETC. SHALL BE VERIFIED AND COORDINATED WITH PG&E RULES, REGULATIONS, AND STANDARDS. THE PROPOSED PG&E SERVICE FEEDER ROUTING AND SIZE ARE SUBJECT TO PG&E ENGINEERING, REVIEW, AND APPROVAL. AT THE TIME OF ISSUANCE OF THESE DOCUMENTS, PG&E ENGINEERING HAS NOT BEEN COMPLETED. CONTRACTOR SHALL COORDINATE AND VERIFY REQUIREMENTS FOR THIS PROJECT WITH PG&E PRIOR TO COMMENCEMENT OF WORK.
- B. FEEDERS SHOWN ARE COPPER CONDUCTORS WITH THHN/THWN INSULATION TYPE UNLESS NOTED OTHERWISE.
- C. FEEDER LENGTH AND VOLTAGE DROP CALCULATIONS ARE FOR ESTIMATING VOLTAGE DROP AND SHORT CIRCUIT COORDINATION PURPOSES ONLY. CONTRACTOR SHALL USE ACTUAL FEEDER LENGTHS TO CALCULATE ACTUAL VOLTAGE DROP AND SHORT CIRCUIT VALUES.
- D. THE CONTRACTOR SHALL PROVIDE AND INSTALL PERMANENT ARC FLASH WARNING LABELS FOR ALL NEW POWER DISTRIBUTION EQUIPMENT (CEC 110.16). LABEL SHALL BE FACTORY APPLIED AND MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRICAL ARC FLASH HAZARDS.

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
285 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

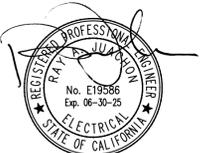
**OHLONE PARK
RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

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⚠	08-12-2024	PERMIT RESUBMITTAL

STAMP



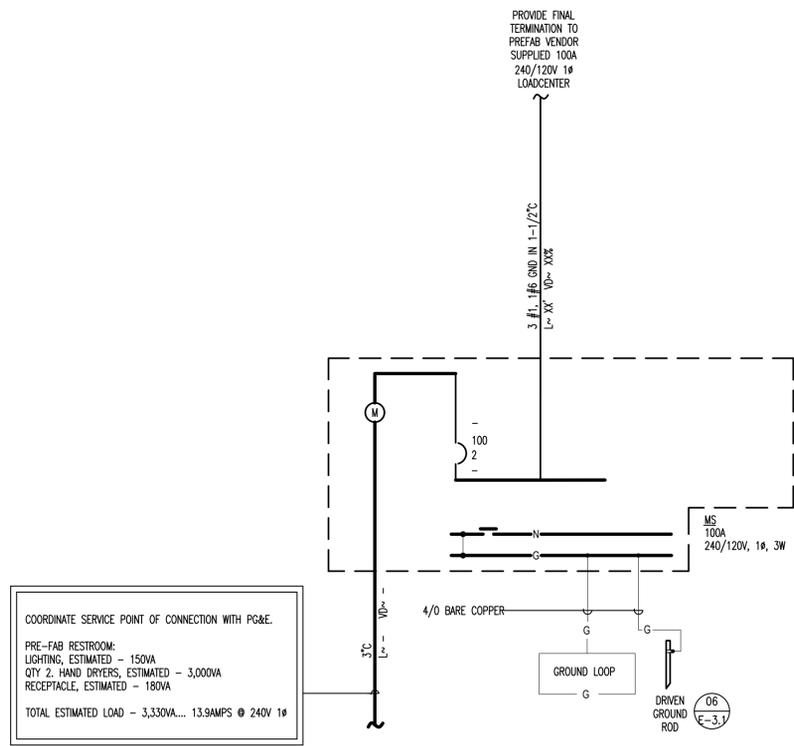
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8/14/24

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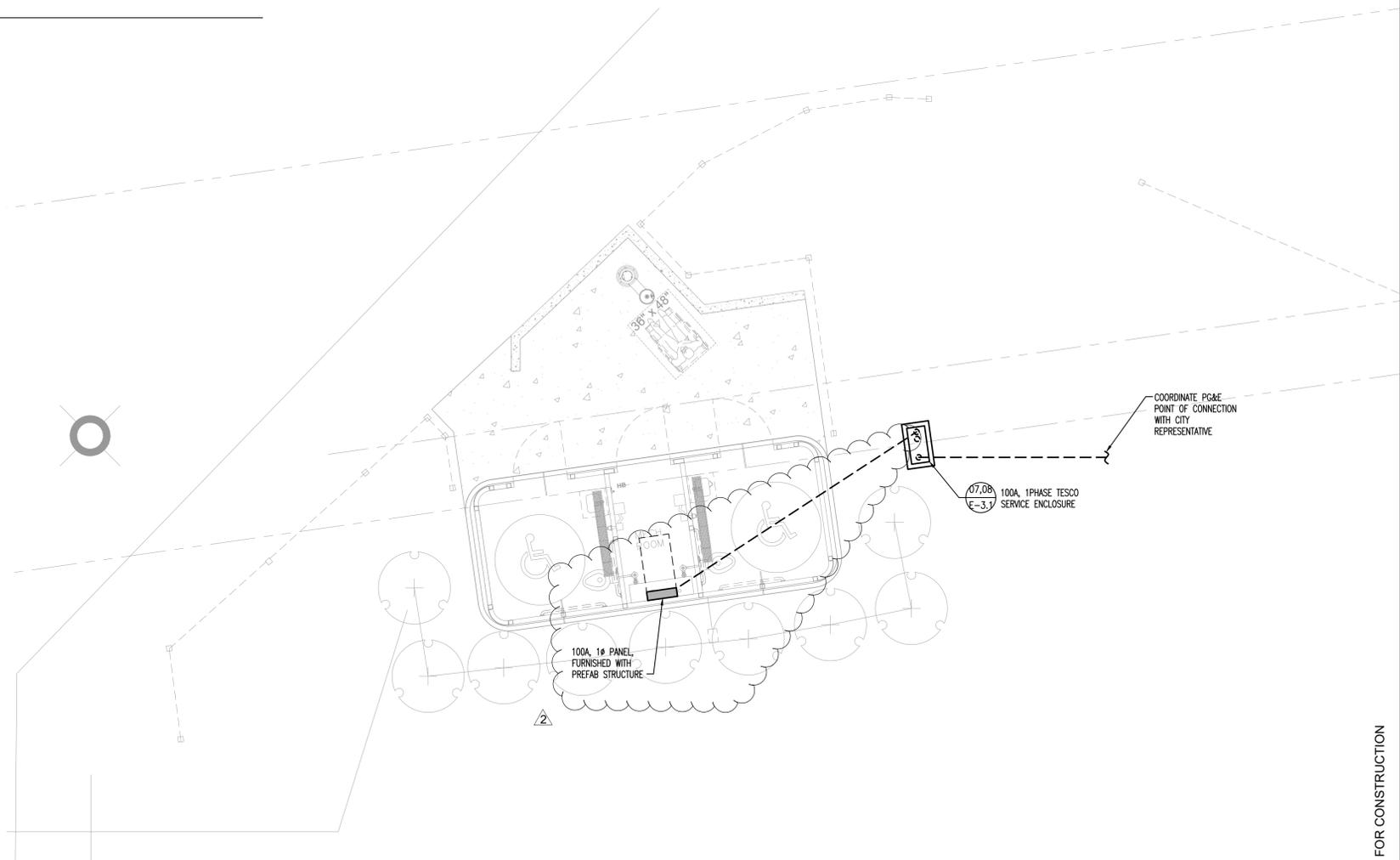
ENLARGED PLANS -
ELECTRICAL

Scale: 1/4" = 1'-0"
Date: 11-01-2022
Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-2.1



02 SINGLE LINE DIAGRAM - MS
SCALE: NO SCALE



01 ENLARGED PLAN - ELECTRICAL
SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RJA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

OHLONE PARK
RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
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STAMP



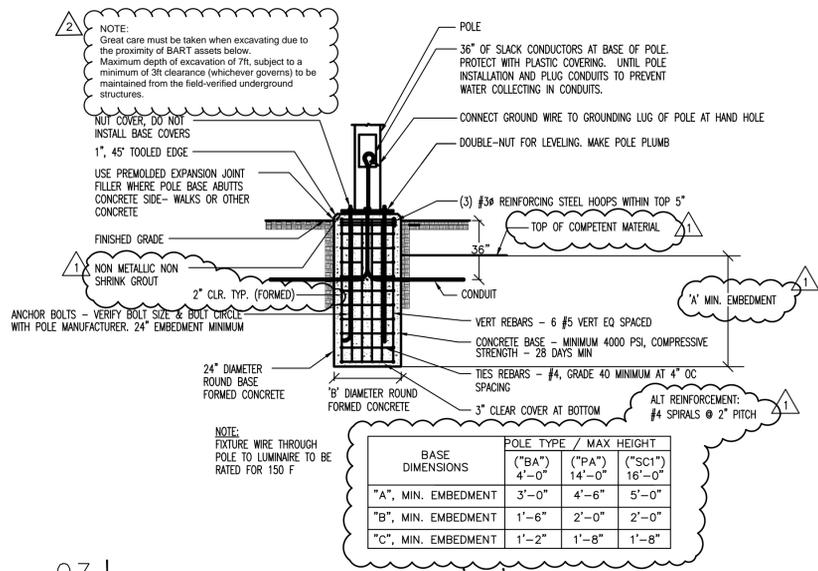
Date Signed:
6/26/24

SHEET TITLE

DETAILS

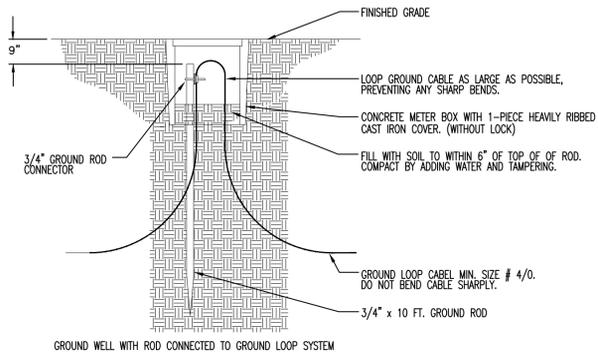
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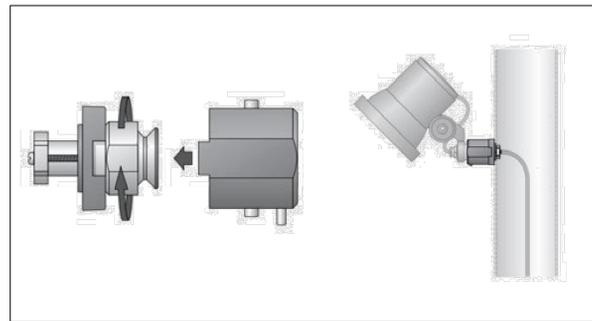
03 | FLUSH POLE BASE, TYPE 'PA'

SCALE: NO SCALE



06 | GROUND WELL WITH ROD

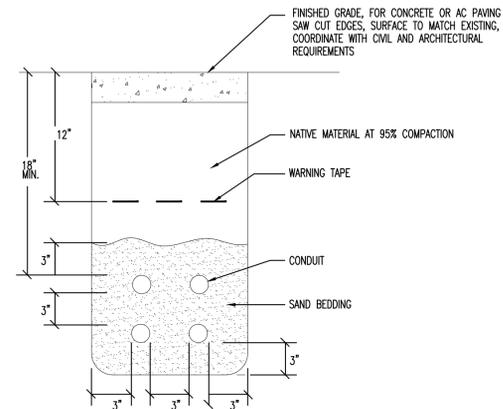
SCALE: NO SCALE



MFG: BEGA 71 042 OR APPROVED

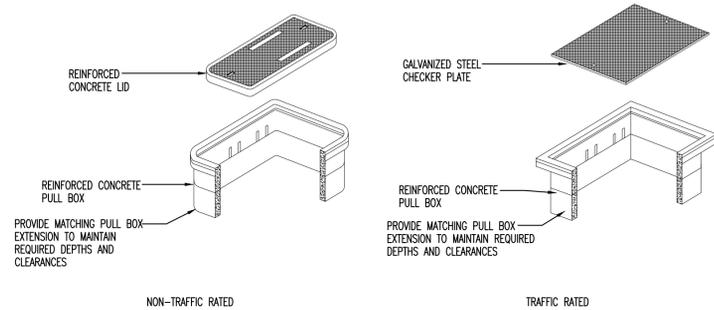
05 | POLE COUPLER FOR TYPE 'FA'

SCALE: NO SCALE



02 | BRANCH CIRCUIT TRENCH

SCALE: NO SCALE



DETAIL NOTES

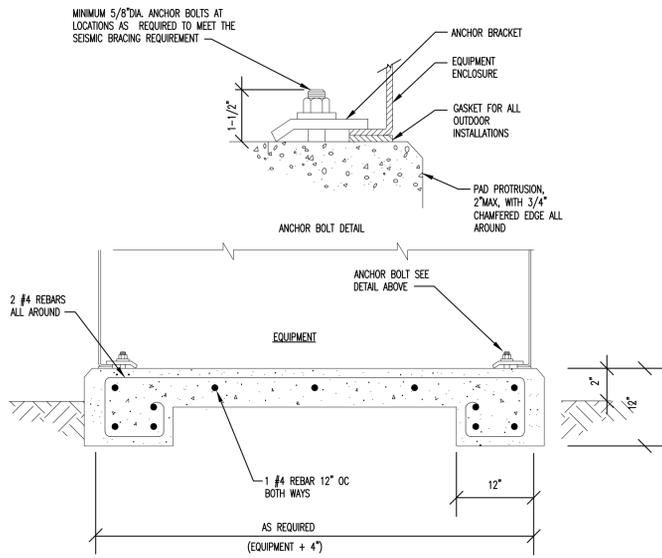
- HIGH DENSITY REINFORCED CONCRETE PULL AND JUNCTION BOX WITH END AND SIDE KNOCKOUTS. NON-SETTLING SHOULDERS MAINTAIN GRADE AND FACILITATE BACK FILLING. SIZE PULL BOX PER CODE. PROVIDE MINIMUM OF 6" CRUSHED ROCK BEDDING AT BOTTOM OF BOX FOR DRAINAGE.
- CHRISTY TYPE "N" SERIES PULL BOX WITH "N" SERIES LID UON OR EQUAL.
- PROVIDE IN NON-TRAFFIC AREAS, UON.

DETAIL NOTES

- HIGH DENSITY REINFORCED CONCRETE PULL AND JUNCTION BOX WITH END AND SIDE KNOCKOUTS. NON-SETTLING SHOULDERS MAINTAIN GRADE AND FACILITATE BACK FILLING. SIZE PULL BOX PER CODE. PROVIDE MINIMUM OF 6" CRUSHED ROCK BEDDING AT BOTTOM OF BOX FOR DRAINAGE.
- TRAFFIC BOX PER CALTRANS SPECS.
- CHRISTY TYPE "B" SERIES PULL BOX OR EQUAL.
- PROVIDE IN TRAFFIC RATED AREAS AS NOTED IN SPECIFICATION SECTION 16113, UON.

01 | TYPICAL PULL BOX

SCALE: NO SCALE

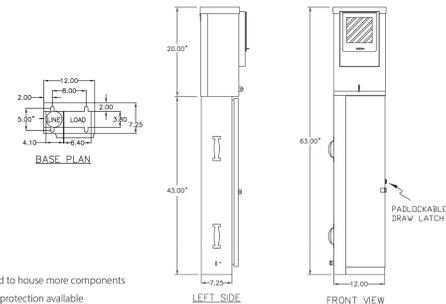


08 | SERVICE ENCLOSURE PAD

SCALE: NO SCALE

SPECIFICATIONS

MODEL 26-100
TESCOFLEX® SINGLE METER PEDESTAL



Enclosure Options

- May also be unmetred
- Custom colors available
- Additional sections may be added to house more components
- Additional options for vandalism protection available

Specifications

- Main breakers shall be 1, 2 or 3 pole
- May be rated 120 volt up to 480 volt
- Single or three phase
- Rated to 100 amp
- Continuous welded seams
- Fully framed side hinged outer door for flush fit with top drip lip & closed cell neoprene flange compressed gaskets
- Separate pull section
- Service enclosure interior is fabricated from cold rolled steel & powder coated white
- Full length deadfront with stainless steel hinge and 1/4 turn latch & knurled knobs
- Deadfront hinged on same side as the front door and opens up to 120 degrees
- Completely prewired in the factory
- Wiring will be to NEMA IIB standards showing external connections & external equipment

Custom options are available. Contact Tesco Controls, Inc. for more information:

916-395-8800 | sales@tescocontrols.com | www.tescocontrols.com | 8440 Florin Road, Sacramento, CA 95828

26-100 METERED TESCOFLEX SERVICE PEDESTAL

OPTIONS

Enclosure Catalog Number	Description	Enclosure Size W x H x D inch	*Millimeter
26-100 M	Metered Service Pedestal	12 x 63 x 7.25	304 x 1600 x 184

*Millimeter dimensions are approximate and for reference only; do not convert metric dimensions to inch.

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07 | SERVICE ENCLOSURE 'MS'

SCALE: NO SCALE

04 | FLUSH BOLLARD BASE, TYPE 'BA'

SCALE: NO SCALE

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RUA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

OHLONE PARK RESTROOMS AND LIGHTING

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
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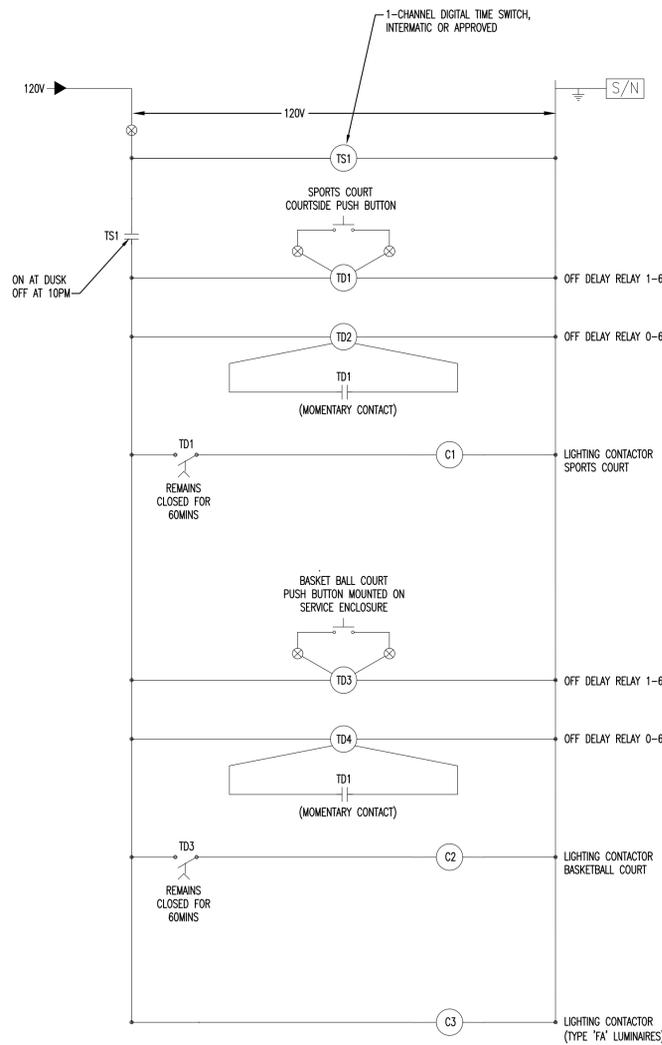
SHEET TITLE

DETAILS

Scale: AS NOTED
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Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-3.2

NOT FOR CONSTRUCTION

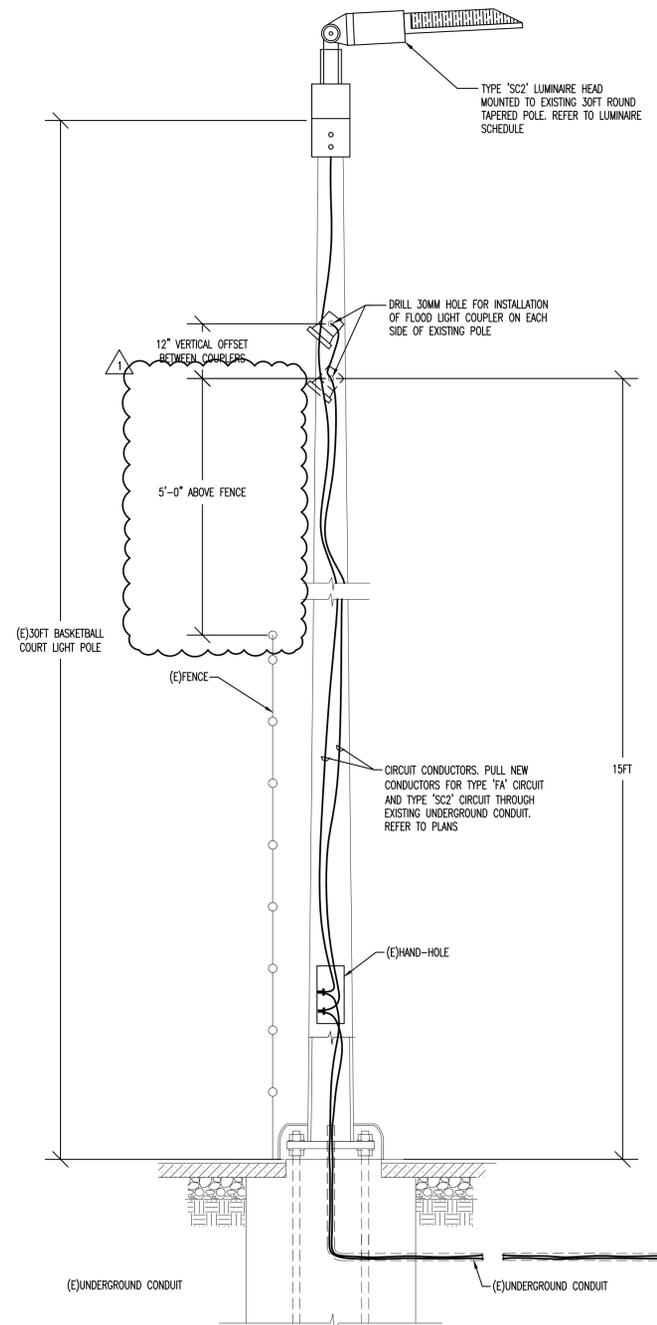


SPORTS COURT & BASKETBALL COURT LIGHTING CONTROL SEQUENCE OF OPERATION

SPORTS COURT
CIRCUIT SERVING SPORTS COURT LIGHTING SHALL BE ACTIVATED VIA TIMECLOCK "ON" SET POINT. UPON MANUAL ACTIVATION OF SPORTS COURT PUSH-BUTTON, LIGHTING SHALL TURN ON FOR 1HR, THEN TURN OFF AFTER 1HR TIME DELAY. PUSHBUTTON TO BE LOCATED ON LIGHTING POLE, REFER TO PLANS FOR LOCATION.

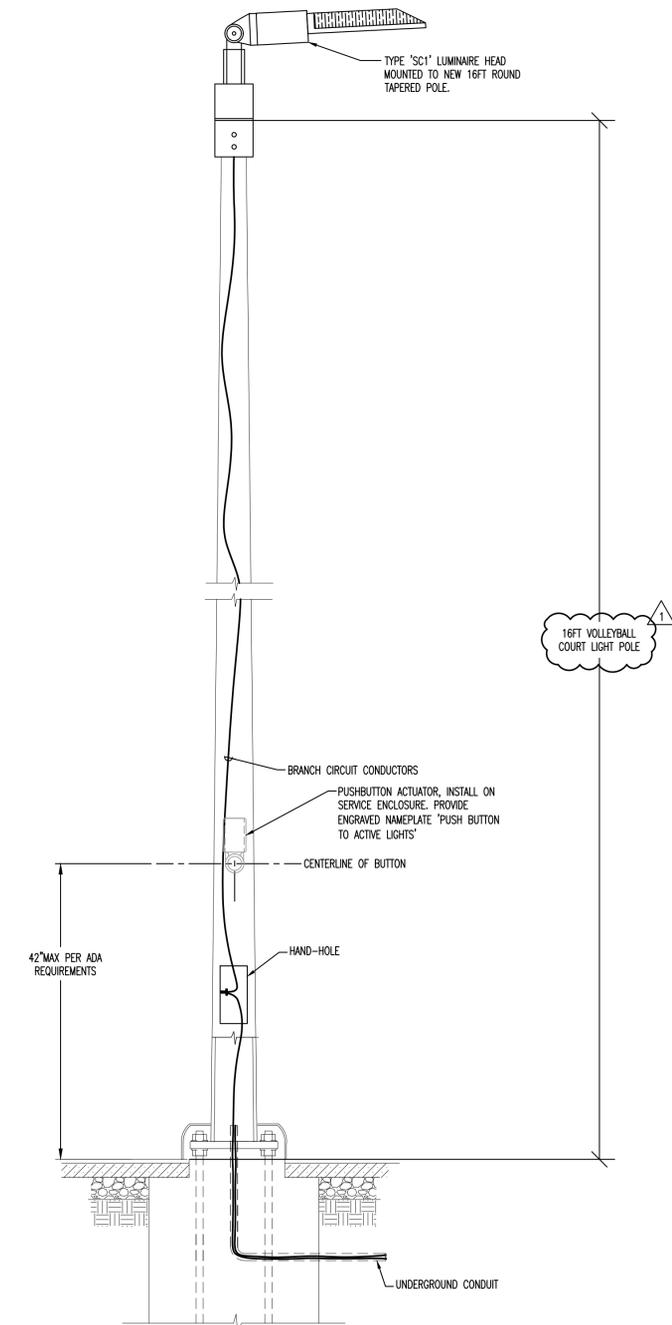
BASKETBALL COURT LIGHTING
CIRCUIT SERVING BASKETBALL COURT LIGHTING SHALL BE ACTIVATED VIA TIMECLOCK "ON" SET POINT. UPON MANUAL ACTIVATION OF BASKETBALL COURT PUSH-BUTTON, LIGHTING SHALL TURN ON FOR 1HR, THEN TURN OFF AFTER 1HR TIME DELAY. PUSHBUTTON TO BE LOCATED ON THE EXISTING SERVICE ENCLOSURE, REFER TO PLANS FOR LOCATION.

TYPE 'FA' LIGHTING
CIRCUIT SERVING TYPE 'FA' FLOOD LIGHTING SHALL BE ACTIVATED VIA TIMECLOCK "ON" SET POINT. LIGHTING SHALL TURN OFF UPON TIMECLOCK "OFF" SET POINT.



02 TYPE 'SC2'

SCALE: NO SCALE



01 TYPE 'SC1'

SCALE: NO SCALE

03 COURT(S) LIGHTING CONTROL DIAGRAM

SCALE: NO SCALE

PROJECT TEAM

LANDSCAPE ARCHITECT
BASE LANDSCAPE ARCHITECTURE
145 A LOWER TERRACE
SAN FRANCISCO, CA 94114

CIVIL ENGINEER
BRF ENGINEERS
255 SHORELINE DR. #200
REDWOOD CITY, CA 94065

ELECTRICAL ENGINEER
RUA INC.
5515 DOYLE ST., #7
EMERYVILLE, CA 94608

PROJECT

**OHLONE PARK
RESTROOMS AND LIGHTING**

MILVIA STREET, BERKELEY, CA 94704
PLAN #8287
FILE #406-221
SPECIFICATION #24-11649-C

SUBMITTAL

#	Date	Description
	05-19-2023	100% SD SUBMITTAL
	10-18-2023	50% CD SUBMITTAL
	02-01-2024	100% CD SUBMITTAL
	07-05-2024	PERMIT RESUBMITTAL
	08-12-2024	PERMIT RESUBMITTAL

STAMP



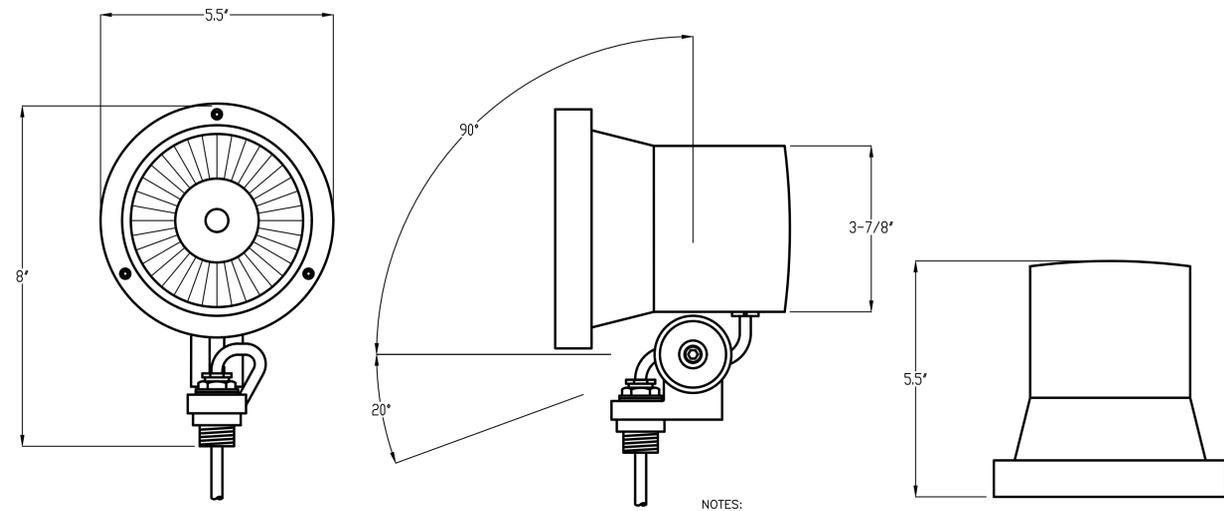
Date Signed:
6/26/24

SHEET TITLE

LUMINAIRE CUT SHEETS

Scale: NO SCALE
Date: 11-01-2022
Drawn by: TB
Checked by: RAJ
Project No.: 2215

E-4.1



NOTES:

1. LUMINAIRE: BEGA #77 684 OR APPROVED

02 TYPE 'FA' ELEVATIONS

SCALE: NO SCALE

Control Number: BOLLARDS-EDS-06_17_2022

ENDURASCAPE Bollard LED Specifications

The **Endurascape** series of concrete bollards are designed to enhance and blend with architectural and natural landscapes. Beautifully crafted with textured finishes in a variety of shapes and cast grill lower designs. Optics provide smooth, 360-degree symmetrical low level illumination. Durable built for weather and vandal resistance. Ideal for walkways, entrances, promenades, plazas, courtyards, driveways, bridges and landscaped areas.

Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
EDS-1B	COG	20LC	3	3	UNV	AB	FG	ILS
EDS-1A 8" Round	COG 45° Cutoff Grill 8" Only	20LC	3 350mA	3K 3000K	UNV 120/277V	AB Anchor Base Consult Factory	COG/INT Colors	ILS Internal Light Shield
EDS-1B 11" Round	COG 45° Cutoff Grill 11" Only		5 530mA	4K 4000K			BZ Bronze	
EDS-2 11" Round Flat Top			7 700mA	5K 5000K			BK Black	
EDS-3A 11" Square							WH White	
EDS-4A 11" Square Pyramid Top	COG 45° Cutoff Grill 11" Only						FG Forest Green	
							GY Grey	
							SL Silver Metallic	
	HZG Horizontal Grill 11" Only						CC Custom Color	
							Concrete Textures	
							LT Light	
							MD Medium	
							HV Heavy	

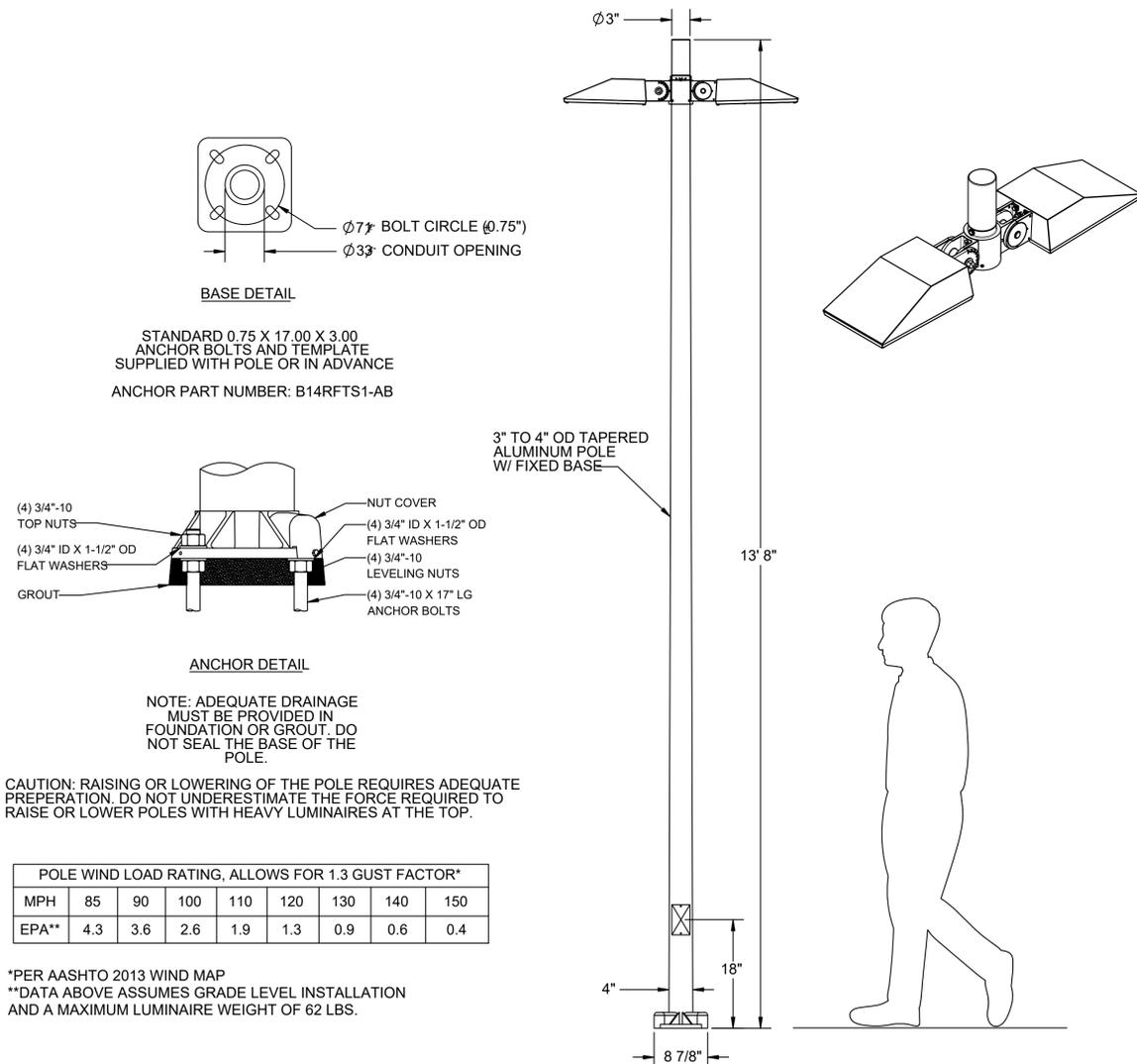
VISIONAIRE LIGHTING
VL-PA-ING-001-F37 REV. 0 CRCABR22-03

03 TYPE 'BA' ELEVATIONS

SCALE: NO SCALE

01 TYPE 'PA' ELEVATIONS

SCALE: NO SCALE



NOT FOR CONSTRUCTION

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:
 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. IT IS THE OWNER'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)]

SHEET SCHEDULE	
SHEET	CONTENTS
G0	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

REV.	DATE	BY	DESCRIPTION
4	08/19/24	CR	G0,G1,S7.1,S7.2,S7.3,S9.1
3	08/08/24	CR	G0,A1.1,A2.1,S7.2,S7.3,S9.1,P2,E1
1	06/27/2024	ZW	S7.1, S7.2
1	06/26/25	CR	G0,G1,S7.1,S7.2,E1,E3

REVISION SCHEDULE

8/19/2024



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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 # 24-4-83

PLAN SET#		
OLH01		
DATE:		
06/13/2024		
REVISIONS		
REV.	DATE:	BY:
1	06-26-2024	CR
3	08-08-2024	CR
4	08-19-2024	CR
DRAWN BY:		
CR		

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



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]

SPECIAL INSPECTIONS

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 1705.21

8/19/2024



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

PLAN SET# OLH01
 DATE: 06/13/2024

REV.	DATE	BY
1	06-26-2024	CR
4	08-19-2024	CR

DRAWN BY: CR

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 ROMTEC # 224-683

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ROMTEC

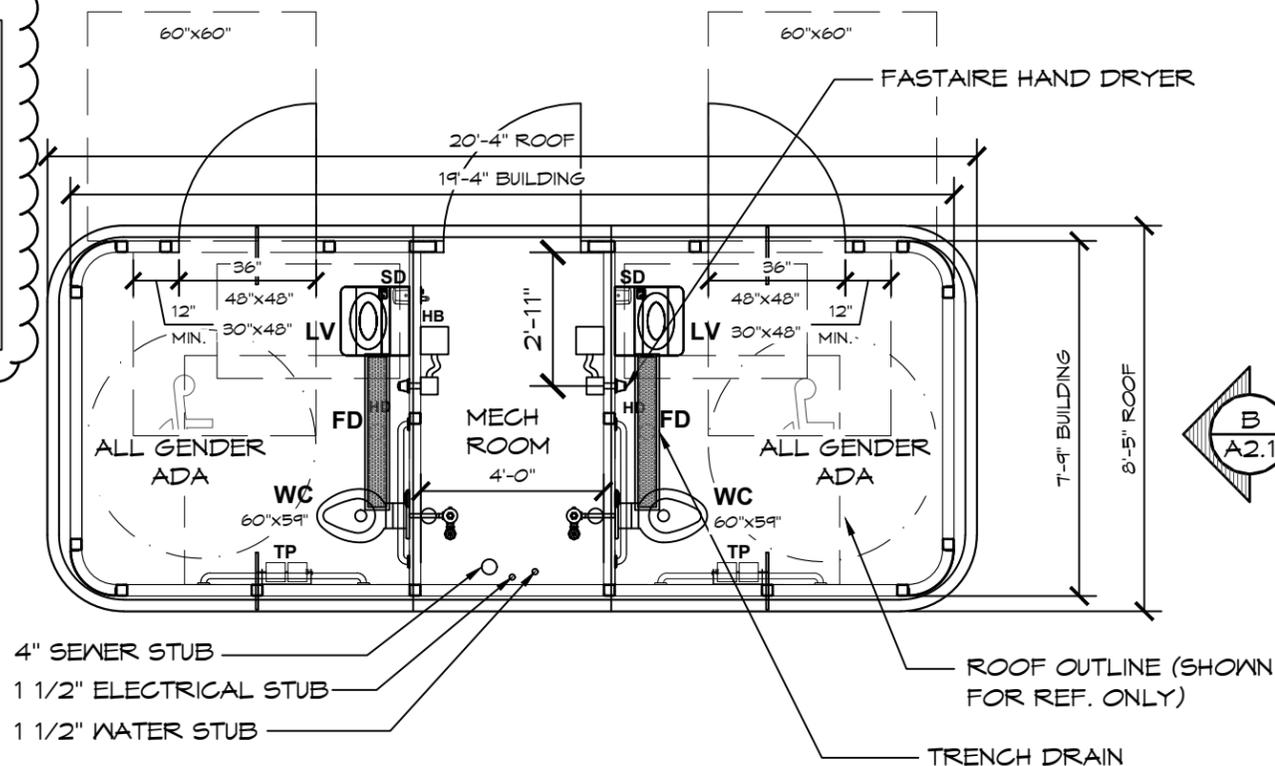
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G1

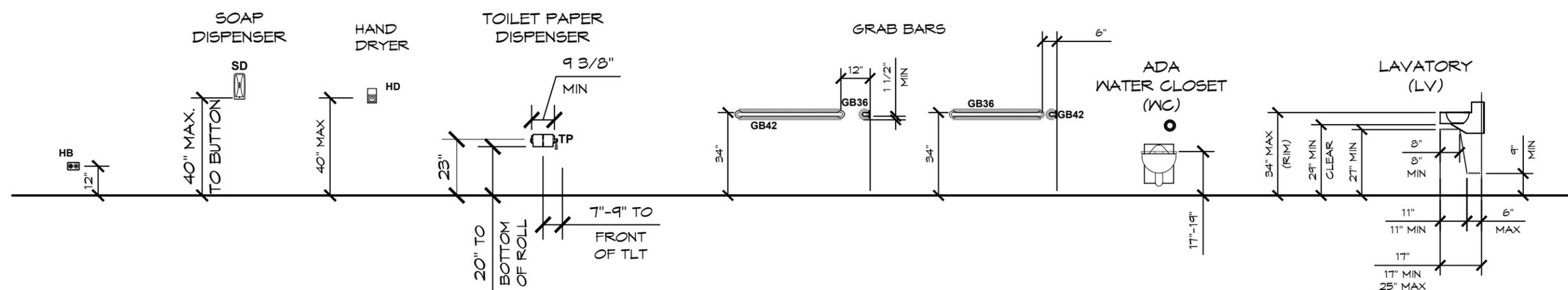
8/19/2024



NOTE: THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS, WITH SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. WHEN FIRE DOORS ARE UTILIZED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO NOT EXCEED 15 POUNDS. SECTION 11B-404.2.9.



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



2 ADA RESTROOM FIXTURE MOUNTING HEIGHT SCHEDULE
SCALE: 1/4" = 1'-0"

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

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

REV.	DATE	BY
3	08-08-2024	CR

DRAWN BY: **CR**

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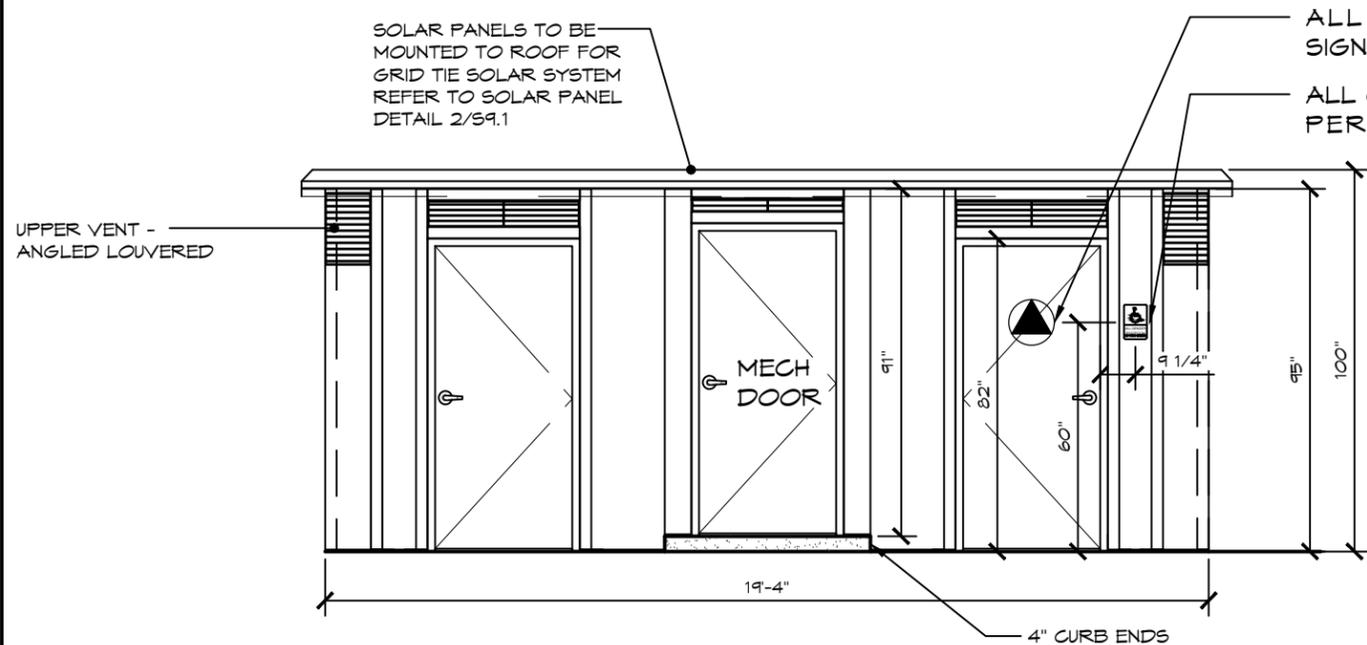
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ROMTEC

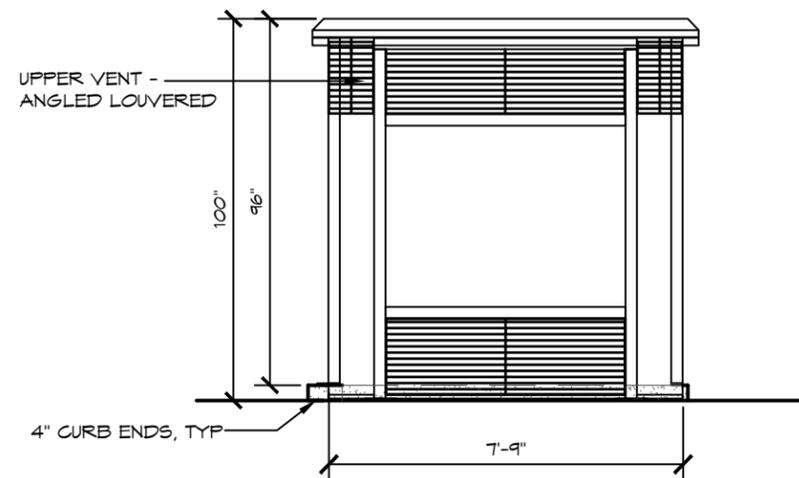
SHEET NO.

A1.1

8/19/2024



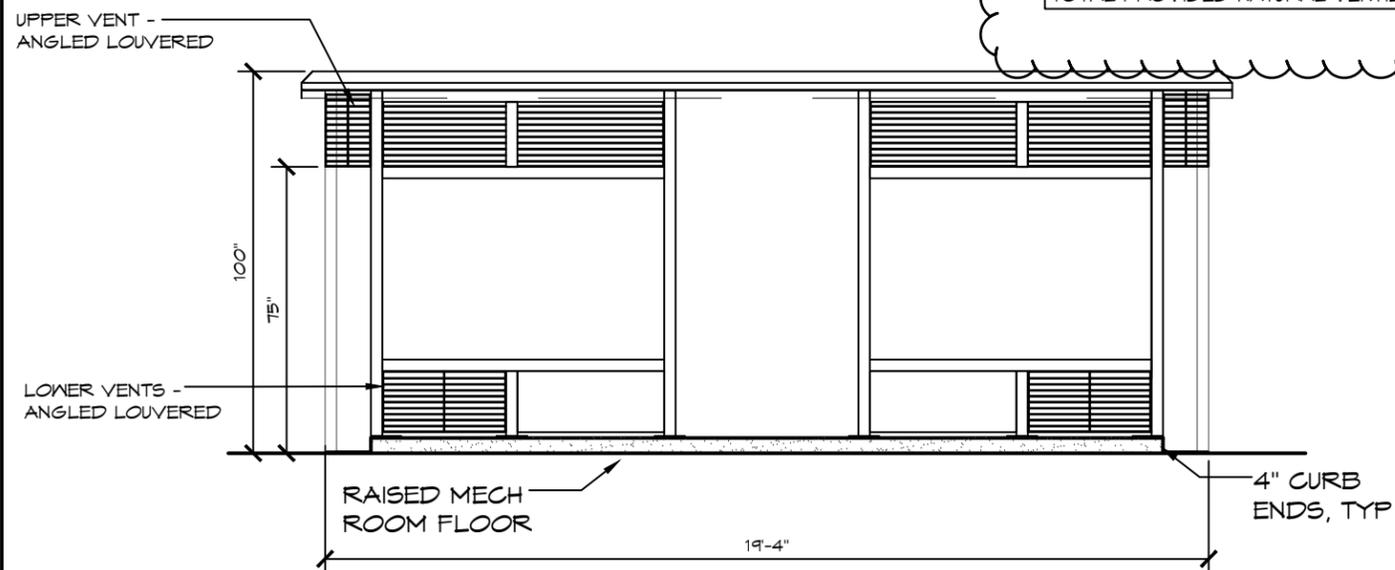
A ELEVATION VIEW
SCALE: 1/4" = 1'-0"



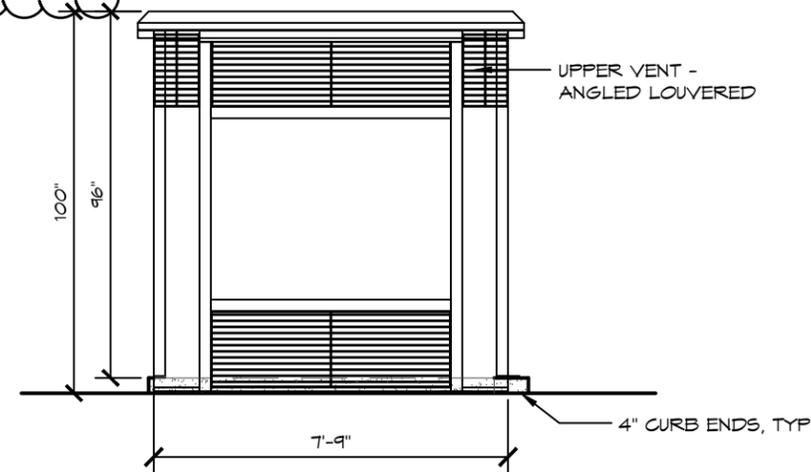
B ELEVATION VIEW
SCALE: 1/4" = 1'-0"

NATURAL VENTILATION CALCS. FOR EACH RESTROOM

RESTROOM AREA	= 51.72 FT ²
REQUIRED NATURAL VENTILATION(4%)	= 2.07 FT ²
ELEVATION "A" (1.78 FT ² X 78% NVFA)	= 1.39 FT ²
ELEVATION "B or D" (15.8 FT ² X 78% NVFA)	= 12.32 FT ²
ELEVATION "C" (11.669 FT ² X 78% NVFA)	= 9.09 FT ²
RADIUS CORNERS (1.58X2)(3.16 FT ² X 78% NVFA)	= 2.46 FT ²
TOTAL PROVIDED NATURAL VENTILATION	= 25.26 FT ²



C ELEVATION VIEW
SCALE: 1/4" = 1'-0"



D ELEVATION VIEW
SCALE: 1/4" = 1'-0"

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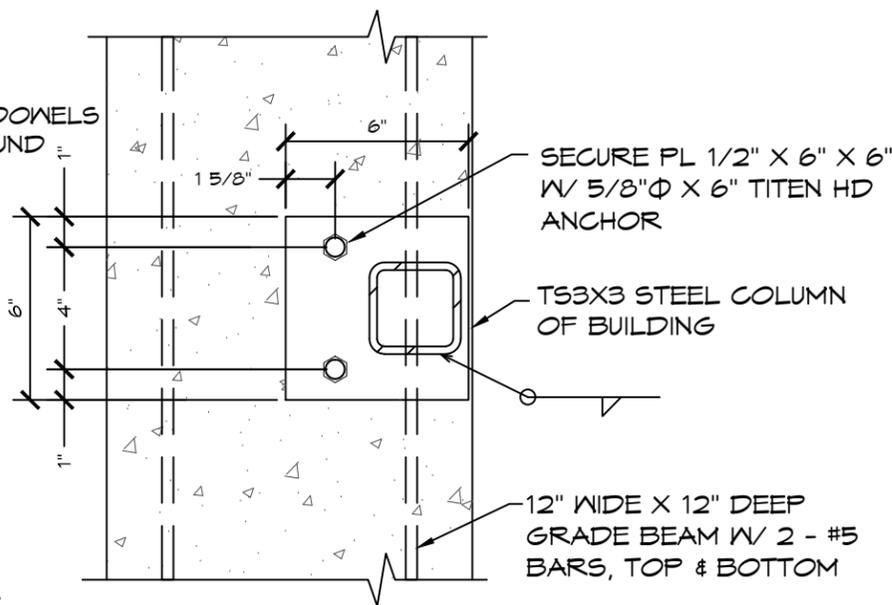
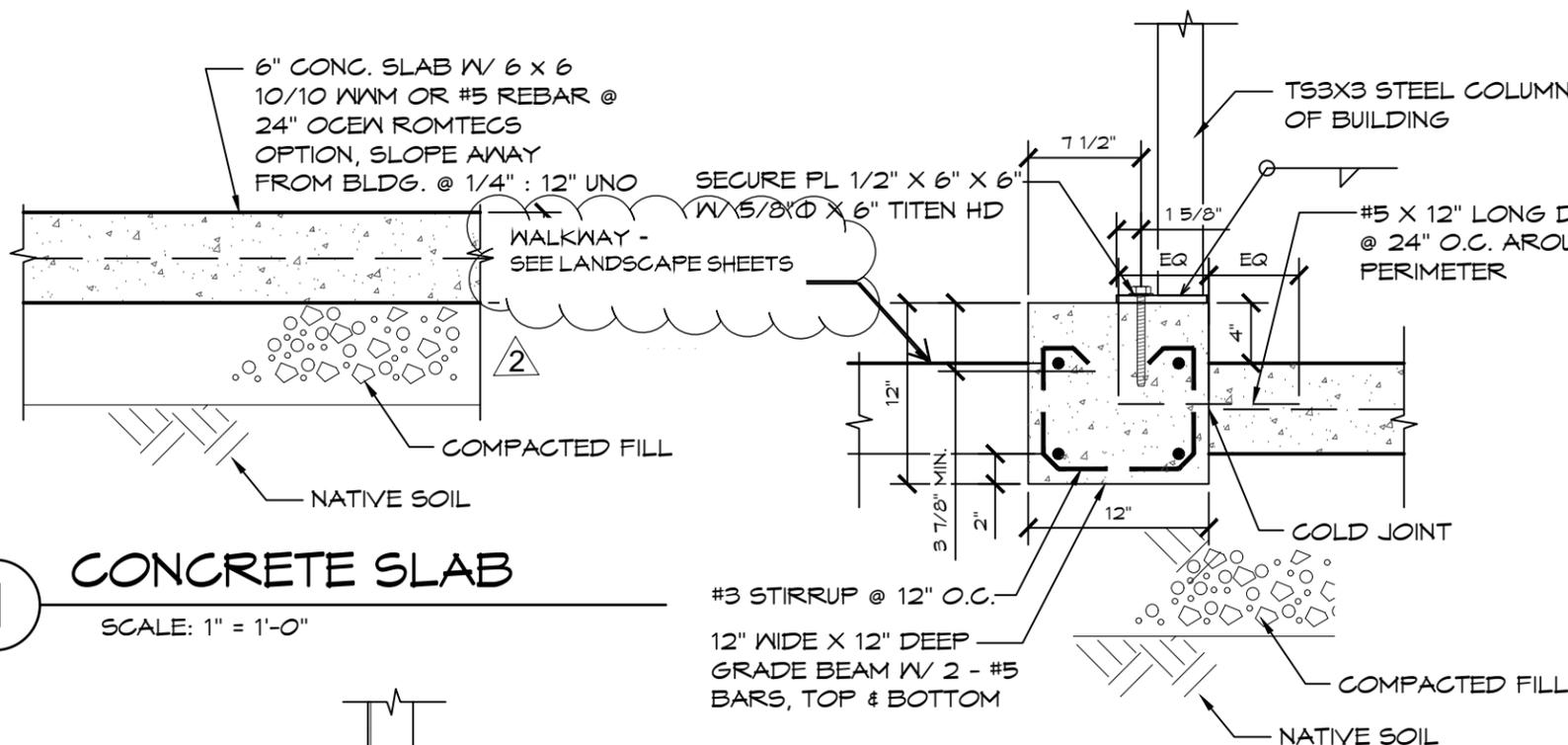
ROMTEC
PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
OHLONE PARK
BERKELEY, CALIFORNIA
SHEET TITLE: EXTERIOR ELEVATION VIEWS

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

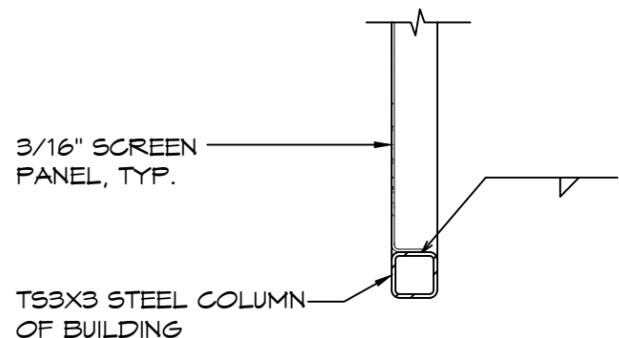
SHEET NO.

A2.1

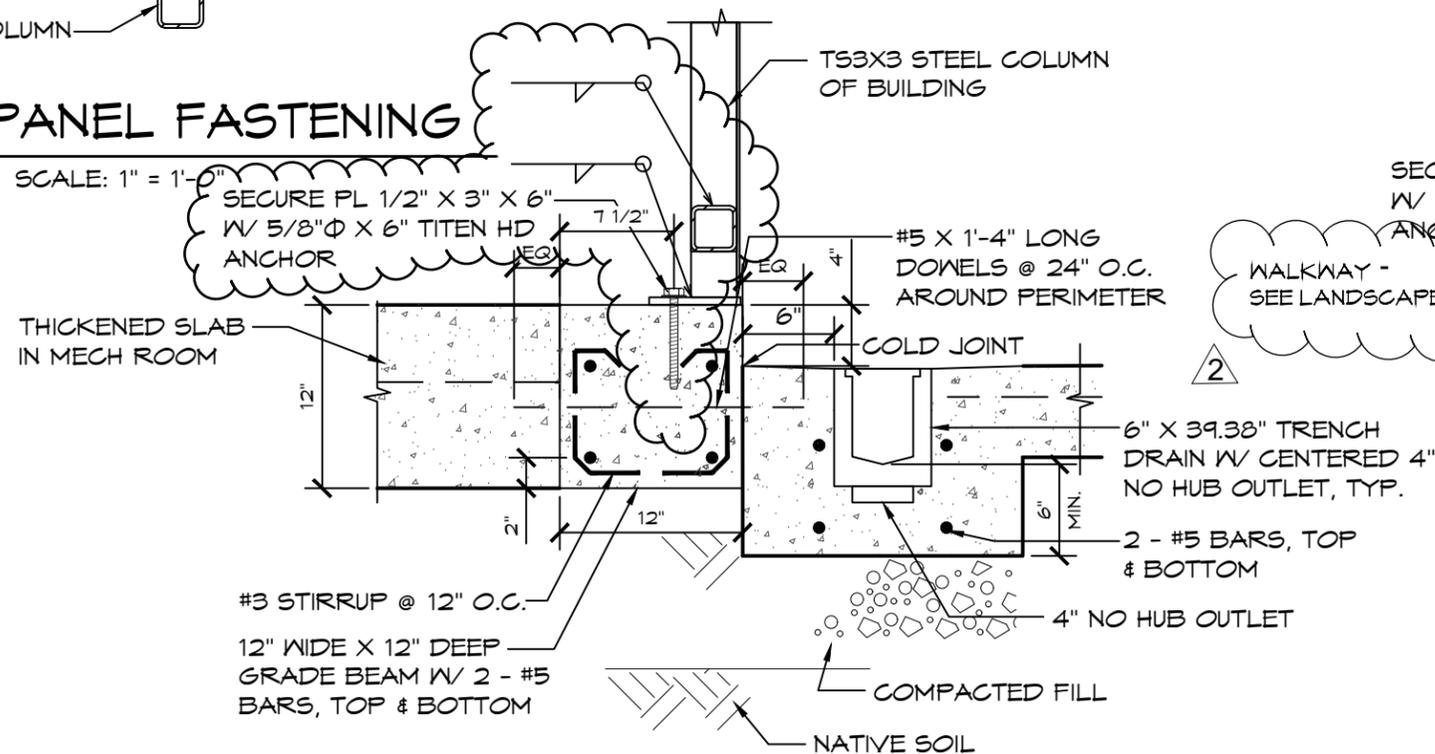
8/19/2024



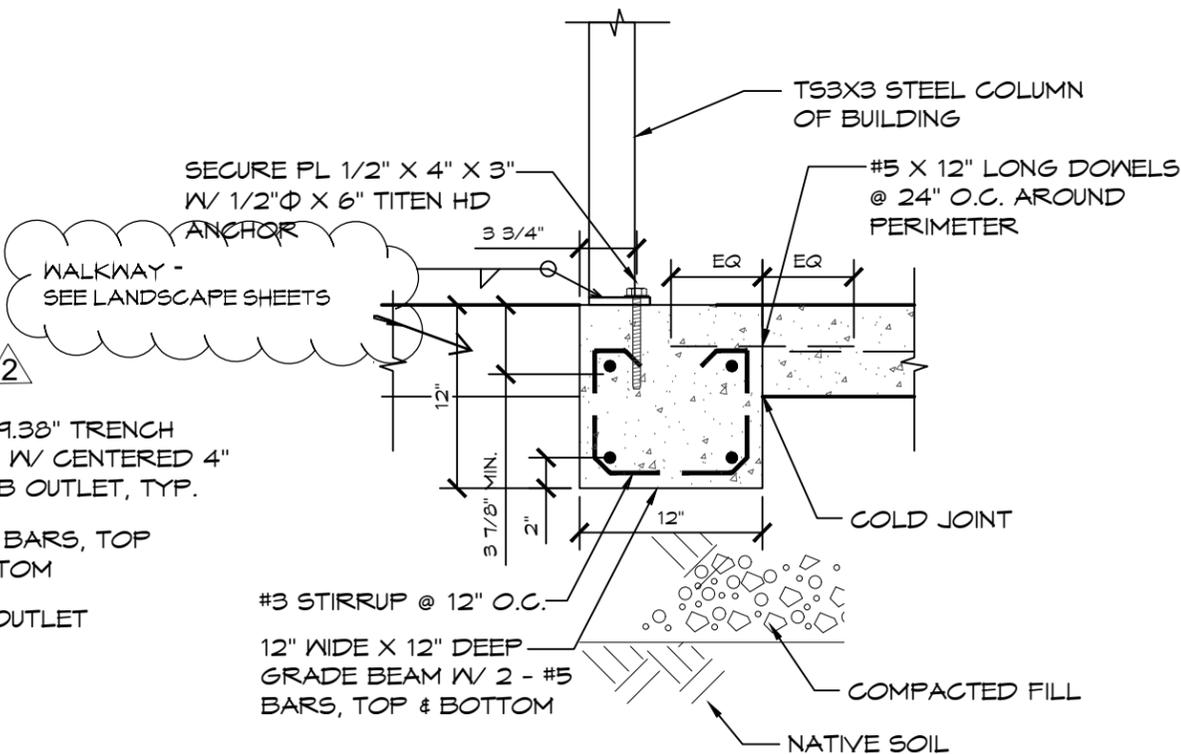
2 CONCRETE SLAB
SCALE: 1" = 1'-0"



3 PANEL FASTENING
SCALE: 1" = 1'-0"



4 TRENCH DRAIN DETAIL
SCALE: 1" = 1'-0"



5 ENTRY GRADE BEAM
SCALE: 1" = 1'-0"

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ROMTEC # 224-683



PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
OHLONE PARK
BERKELEY, CALIFORNIA

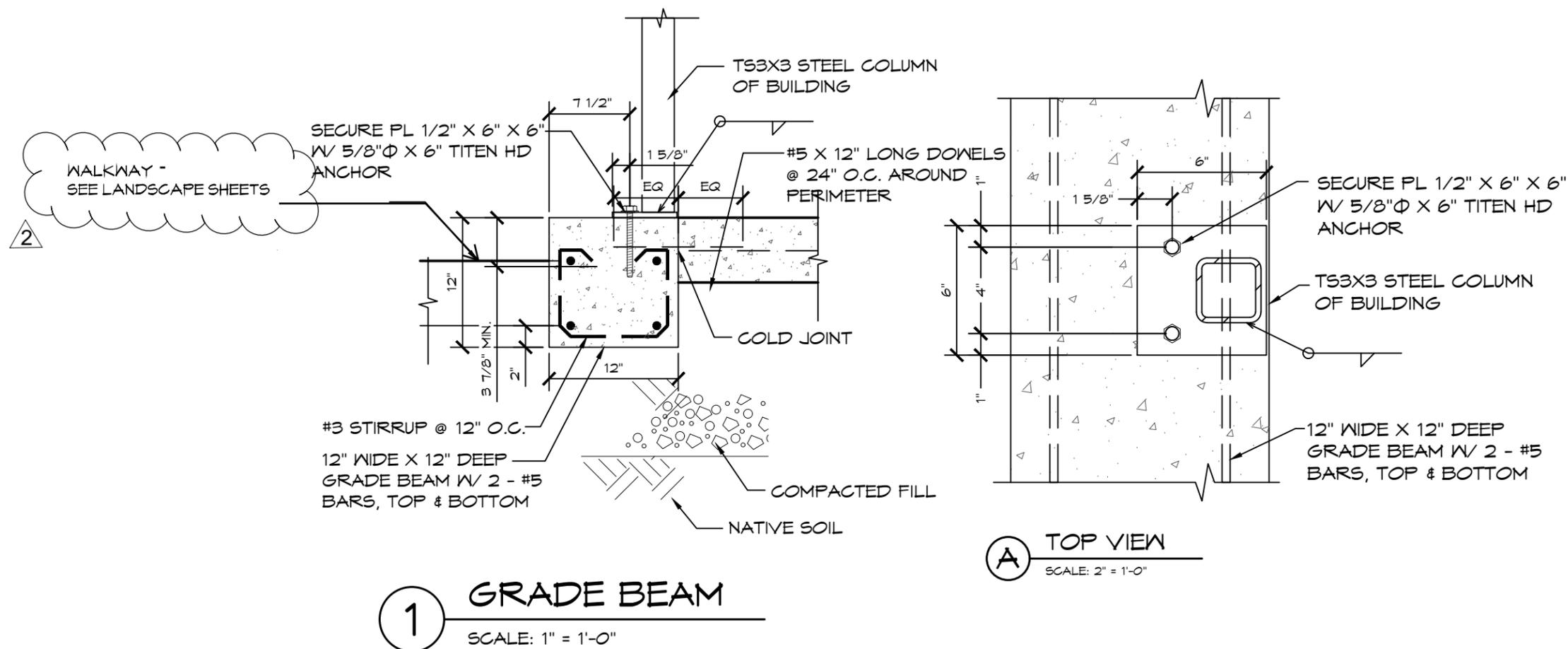
SHEET TITLE: FOUNDATION DETAILS

PLAN SET#	OLH01	
DATE:	06/13/2024	
REVISIONS		
REV.	DATE	BY
1	06-26-2024	CR
2	06-27-2024	ZM
4	08-19-2024	CR
DRAWN BY:	CR	

SHEET NO.

57.2

8/19/2024



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

PLAN SET#	OLH01	
DATE:	06/13/2024	
REVISIONS		
REV.	DATE:	BY:
3	08-08-2024	CR
4	08-19-2024	CR
DRAWN BY: CR		

SHEET NO.

57.3

8/19/2024



NOTE: ALL CONNECTIONS ARE FULLY WELDED

T53X3X0.188 STEEL BEAMS OF BUILDING, TYP.

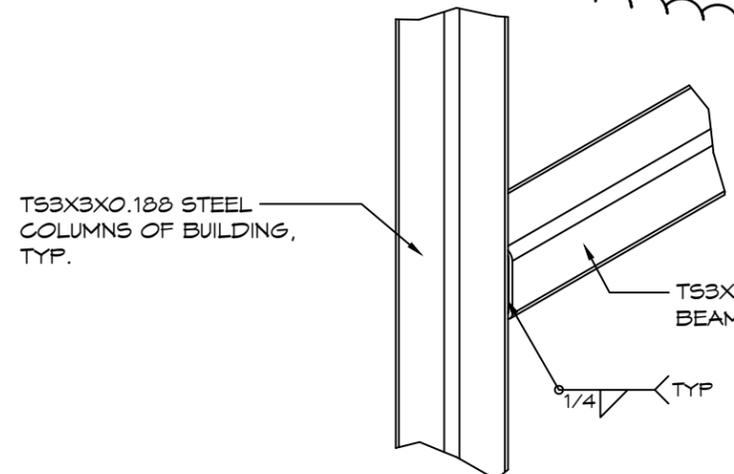
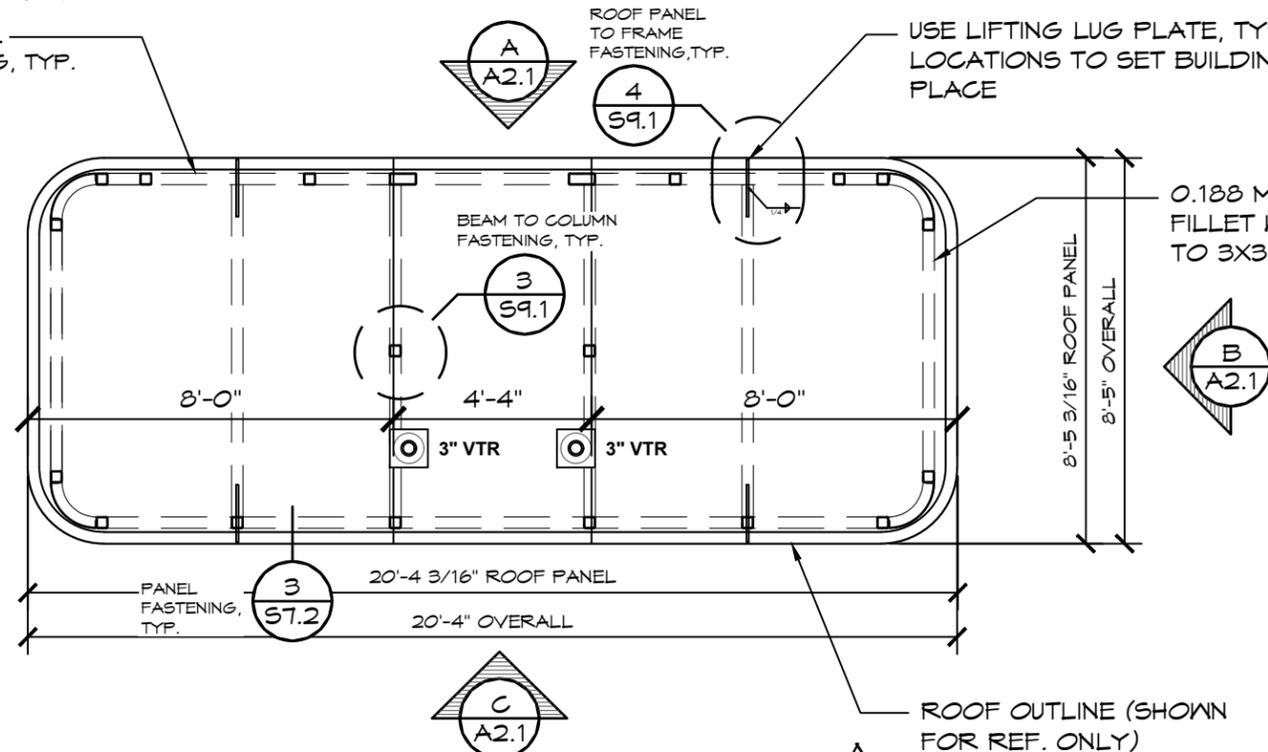
ROOF PANEL TO FRAME FASTENING, TYP.

USE LIFTING LUG PLATE, TYP. 4 LOCATIONS TO SET BUILDING INTO PLACE

0.188 MS ROOF PANEL 2-12 FILLET WELD ON THE UNDERSIDE TO 3X3 FRAME ASSEMBLY

T53X3X0.188 STEEL COLUMNS OF BUILDING, TYP.

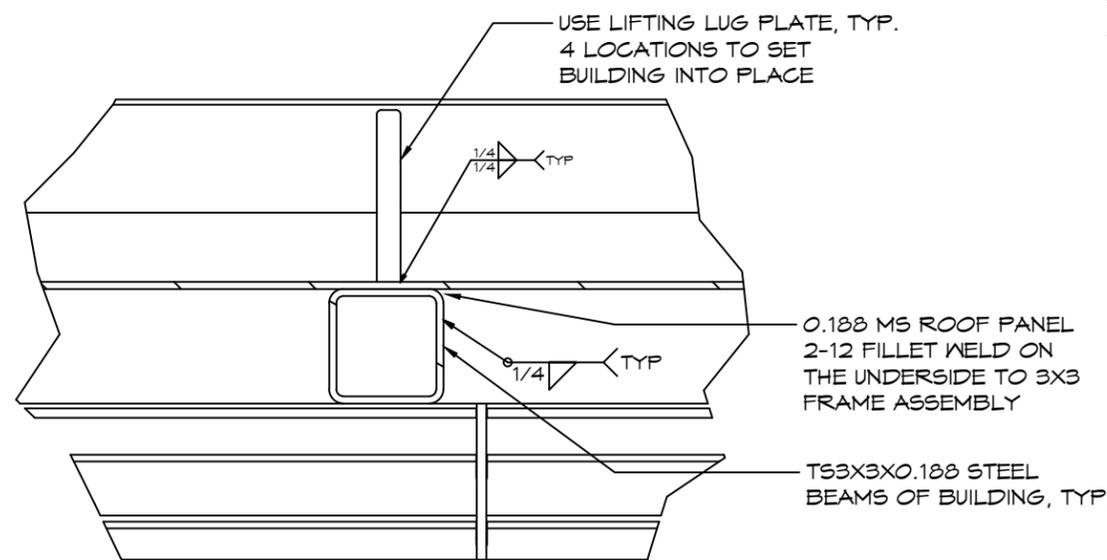
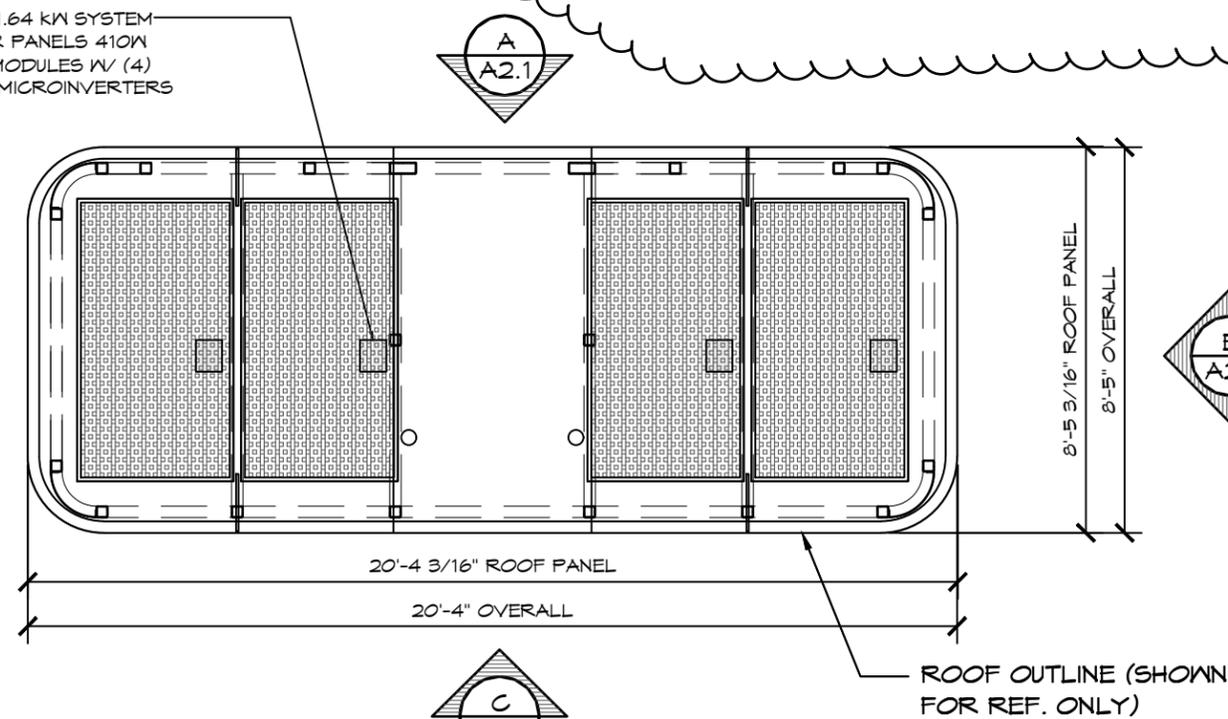
T53X3X0.188 STEEL BEAMS OF BUILDING, TYP.



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

3 BEAM TO COLUMN FASTENING SCALE: N.T.S.

GRID TIE 1.64 KW SYSTEM (4) SOLAR PANELS 410W HANWHA MODULES W/ (4) ENPHASE MICROINVERTERS



2 SOLAR PANEL LAYOUT SCALE: 1/4" = 1'-0"

4 ROOF PANEL TO FRAME FASTENING SCALE: N.T.S.

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

PLAN SET#	OLH01	
DATE:	06/13/2024	
REVISIONS		
REV.	DATE:	BY:
3	08-08-2024	CR
4	08-19-2024	CR
DRAWN BY:	CR	

SHEET NO.

S9.1

8/19/2024



PLUMBING SCHEDULE

SYM	FIXTURE TYPE	SS	V	CW	HW	
WC	ADA TOILET	3"	2"	1 1/2"	--	ADA FIXTURE
LV	HAND SINK	2"	1 1/2"	1/2"	1/2"	ADA FIXTURE
FD	TRENCH DRAIN	2"	1 1/2"	--	--	
HB	WALL HYDRANT (FREEZE LESS)	--	--	3/4"	--	

NOTE: PROVIDE CLEAN-OUT BENEATH ALL SINKS AND LAV'S AS REQUIRED BY CODE

NOTE: ROMTEC BUILDINGS ARE DESIGNED TO HAVE 40-60 PSI WATER PRESSURE FOR THE PLUMBING FIXTURES. IF THE SITE HAS A PSI OTHER THAN THIS, IT IS THE ROMTEC'S RESPONSIBILITY TO PROVIDE THE PRESSURE REDUCER OR BOOSTER PUMP NECESSARY.

GENERAL PLUMBING NOTES:

- ALL PIPE (WATER, SEWER, VENT), JOINTS, AND WORK SHALL CONFORM TO INTERNATIONAL PLUMBING CODE, STATE CODES, COUNTY AND LOCAL CODES AND ORDINANCES.
- CONTRACTOR TO CONFIRM LOCATIONS OF SEWER AND WATER TIE-INS
- CONTRACTOR TO SOLIDLY BRACE ALL PIPING TIGHT AGAINST WALLS. FOR LONG OR COMPLICATED RUNS, SECURELY MOUNT USING UNISTRUT, IN STRAIGHT AND UNIFORM MANNER FOR FINISHED APPEARANCE. PIPING SHOWN IS DIAGRAMMATIC ONLY AND ACTUAL DESIGN BY CONTRACTOR.
- CONTRACTOR MAY CHANGE PIPE SIZING IN FIELD TO PROVIDE ADEQUATE WATER PRESSURE TO ALL PLUMBING FIXTURES AS APPROVED BY INSPECTOR.
- CONTRACTOR TO DETERMINE AND PROVIDE MEANS FOR DRAINING INTERIOR WATER AND SANITARY SEWER SYSTEMS, AS WELL AS SHUTOFF OF ALL FIXTURES
- IF THE SITE REQUIRES AN ACCESSIBLE BACK FLOW PREVENTER AND/OR PRESSURE REDUCER OR BOOSTER PUMP IT IS THE OWNERS RESPONSIBILITY TO PROVIDE.
- PLUMBING TO BE DRAINED BY GRAVITY TO SHUTOFF VALVE BOX.
- WHEN INCLUDED HOT WATER HEATERS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND ALL STATE, COUNTY, AND LOCAL CODES AND ORDINANCES.
- FLUSHOMETERS ASSOCIATED WITH TOILETS USE NO MORE THAN 1.6 GALLONS PER FLUSH. FLUSHOMETERS ASSOCIATED WITH URINALS USE NO MORE THAN 1.0 GALLON PER FLUSH. BOTH OF THE ABOVE SHALL MEET PERFORMANCE STANDARDS BY ANSI A112.19.2 H&S CODE, SECTION 17921.3(B)
- WHEN FIXTURES REQUIRE WALL CARRIERS THE WALL CARRIER SHALL BE SUPPLIED BY CONTRACTOR.
- UNLESS SPECIFIED IN THE ROMTEC SUBMITTAL, ROMTEC DOES NOT SUPPLY INSULATION OR "FREEZE PROTECTION" FOR PLUMBING.

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PROJECT: 4007 SIDEWALK DOUBLE RESTROOM

OHLONE PARK
BERKELEY, CALIFORNIA

SHEET TITLE: PLUMBING SCHEDULE

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

SHEET NO.

P1

8/19/2024

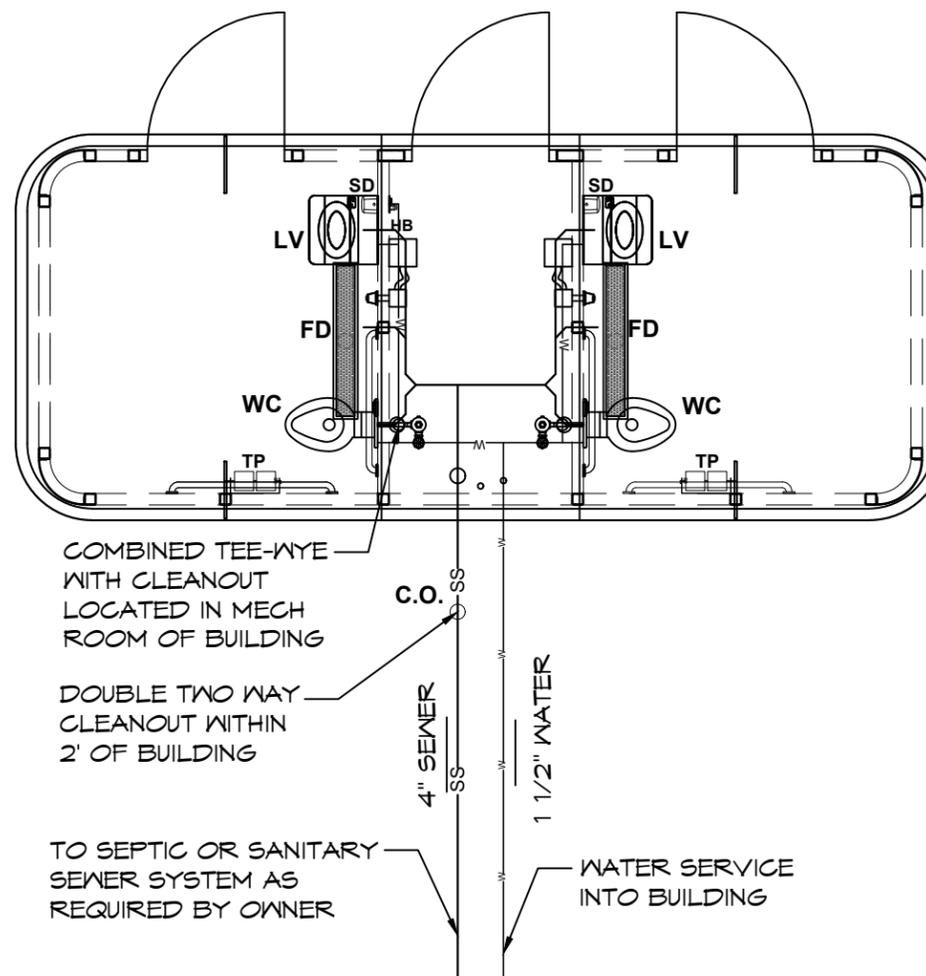


PLUMBING LEGEND

- w— COLD WATER
- SS— SANITARY SEWER
- v— VENT LINE

NOTES:

1. WATER PIPE SIZE AND PRESSURE REQUIREMENTS MUST BE DETERMINED BY PLUMBING ROMTEC BASED ON LOCAL SUPPLY.
2. FIXTURE & FIXTURE CONNECTIONS ARE SYMBOLIC IN NATURE ONLY. REFER TO MANUFACTURER LITERATURE FOR EXACT FIXTURE SPECIFICATIONS.
3. ALL SANITARY AND DRAIN LINES SHALL BE SCHEDULE 40 PVC OR ABS.
4. ALL WATER LINES SHALL BE COPPER OR PER LOCAL CODE. NO JOINTS BENEATH THE SLAB.
5. WATER PIPE SIZING IS A MINIMUM SUGGESTION. PLUMBING ROMTEC WILL MAKE THE FINAL DETERMINATION.
6. ALL WATER AND SANITARY LINES SHALL HAVE FLEXIBLE JOINTS AT EXIT POINTS FROM THE BUILDING.



COMBINED TEE-WYE WITH CLEANOUT LOCATED IN MECH ROOM OF BUILDING

DOUBLE TWO WAY CLEANOUT WITHIN 2' OF BUILDING

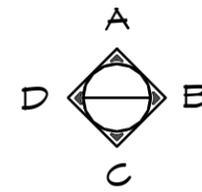
TO SEPTIC OR SANITARY SEWER SYSTEM AS REQUIRED BY OWNER

4" SEWER

1 1/2" WATER

WATER SERVICE INTO BUILDING

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



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

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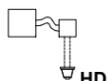
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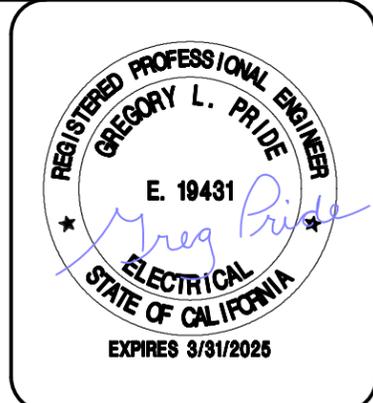
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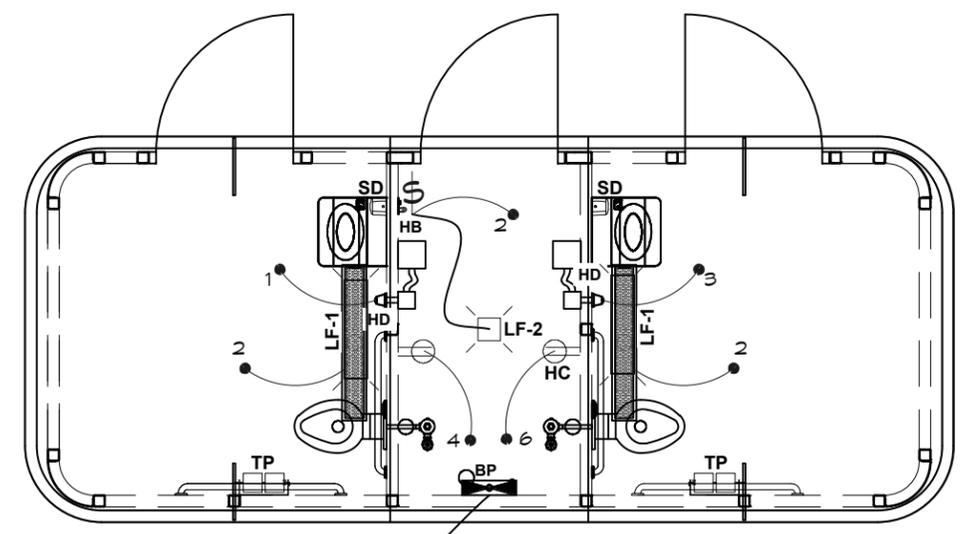
P2

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

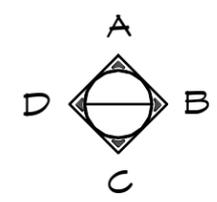


UNDERGROUND ELECTRICAL SERVICE VERIFY REQUIREMENTS FOR TYING INTO SERVICE UTILITY EQUIPMENT BY OTHERS.

1

ELECTRICAL PLAN

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



PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
OHLONE PARK
BERKELEY, CALIFORNIA
SHEET TITLE: ELECTRICAL SCHEDULE & PLAN

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

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ROSEBURG, OR 97170
(541) 496-3841 FAX (541) 496-0803

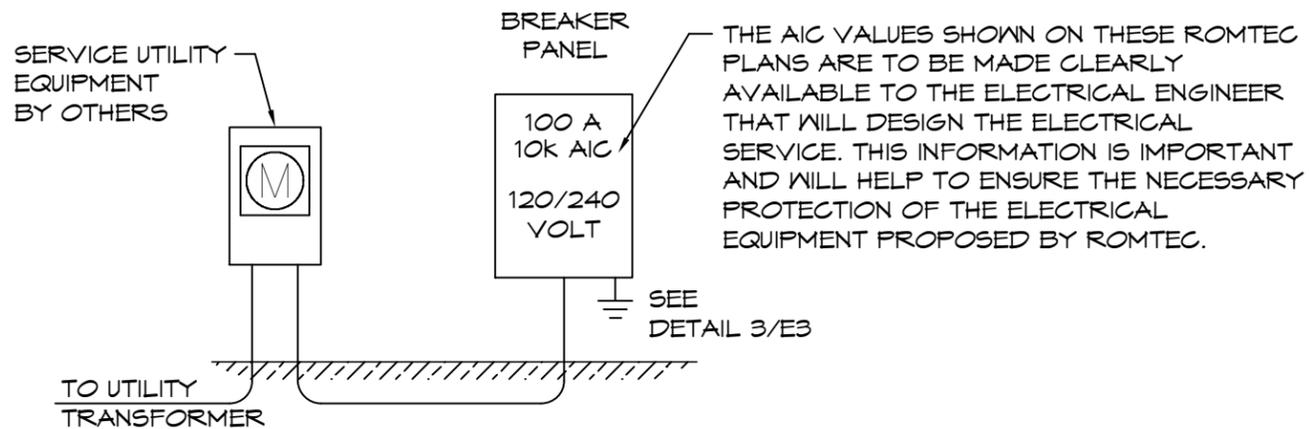
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PLAN SET#
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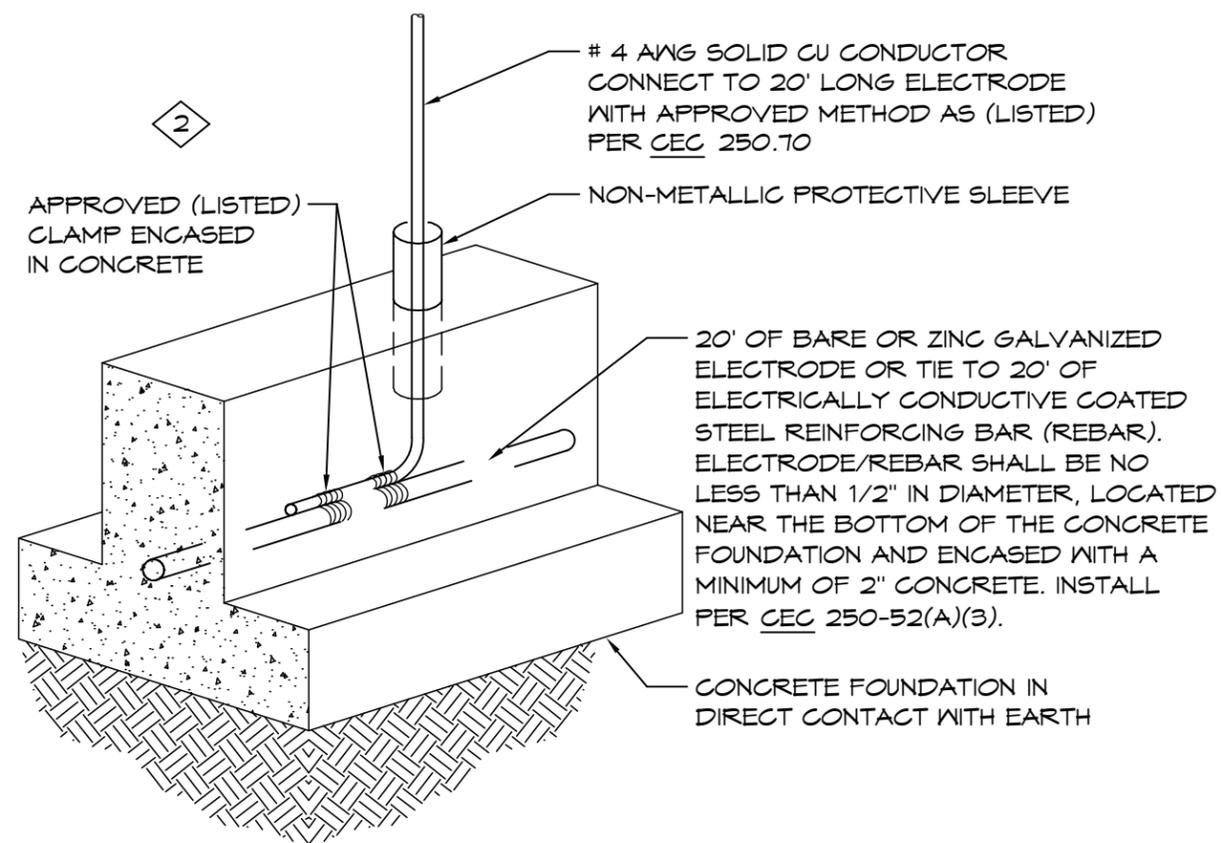
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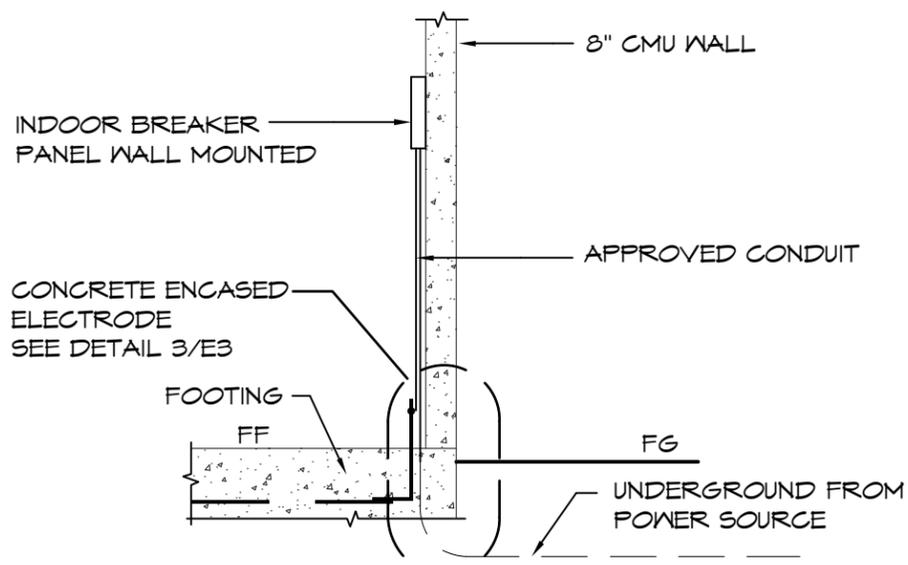
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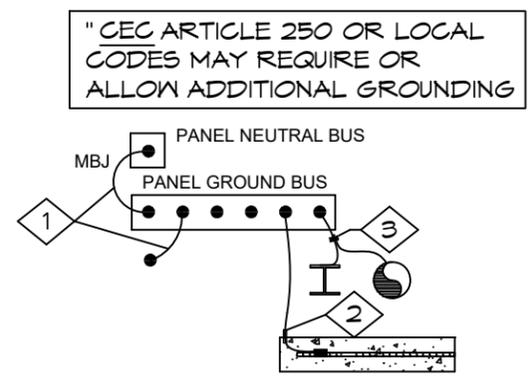
1 ONE-LINE DIAGRAM
SCALE: NONE



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

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

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SHEET NO. **E2**



BREAKER PANEL										10K AIC RATING										
100 AMP					MAIN BREAKER					120 / 240 VOLTS					1-PHASE, 3-WIRE					
FEEDER SIZE:					ALUM: 3 #1/0 PH, #6 GRD, 1 1/2" C					SURFACE MOUNTED										
ELECTRICAL WIRING:					GROUNDED & BOND PER - CEC					USE XHHW-2 CU CONDUCTORS										
LOAD DISTRIBUTION		LTG	REC	MOTOR	DATA	HEAT	MISC	PH-A	PH-B	= TOTAL	AMPS	WITH SPARE		25%						
CONNECTED VA		65	264	1800	0	0	0	1049	1080	= 2129	9	2661		11						
DIVERSITY FACTOR		125%	100%	100%	100%	100%	100%			=										
DIVERSIFIED VA		81	264	1800	0	0	0	1065	1080	= 2145	9	2682		11						
PL	T	LOAD	VA	HP	PHW	GND	CON	BKR		PH		BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	M	HAND DRYER	900		12	12	1/2	20	1	A	1	20	1/2	12	12		65	LIGHTS	L	2
3	M	HAND DRYER	900		12	12	1/2	20	1	B	1	20	1/2	12	12		180	RECEPTACLE	R	4
5										A	1	20	1/2	12	12		84	HEAT TAPE	R	6
7										B										8
9										A										10
11										B										12

1 ELECTRICAL PANEL SCHEDULE
SCALE: NONE

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

PLAN SET# OLHO1
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8/19/2024



BUILDING ENERGY ANALYSIS REPORT

PROJECT:

2406-031 Ohlone Park Sidewalk RR
1701 Hearst Ave.
Berkeley, CA 94703

Project Designer:

PSE Consulting Engineers, Inc.
250 Main St. Ste. A
Klamath Falls, Oregon 97601
541-850-6300

Report Prepared by:

Matthew Weldon
Regerfour LLC dba 5 Star Energy
1878 Saltu
Redding, Ca 96002
530-275-3350

Job Number:

2406-031

Date:

6/26/2024

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2022 Building Energy Efficiency Standards.

This program developed by EnergySoft, LLC - www.energysoft.com.

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PROJECT: 4007 SIDEWALK DOUBLE RESTROOM

OHLONE PARK
BERKELEY, CALIFORNIA

SHEET TITLE: TITLE 24 COMPLIANCE DOCUMENTS

PLAN SET#

OLH01

DATE:

06/13/2024

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SHEET NO.

E4

2

8/19/2024



STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E

This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

Project Name: 2406-031 Ohlone Park Sidewalk RR Report Page: (Page 1 of 7)
Project Address: 1701 Hearst Ave. Date Prepared: 6/26/2024

A. GENERAL INFORMATION

01 Project Location (city)	Berkley	04 Total Conditioned Floor Area (ft ²)	0
02 Climate Zone	3	05 Total Unconditioned Floor Area (ft ²)	150
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1

• Support Areas

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)	Calculation Method	Area (ft ²)
<input checked="" type="checkbox"/> New Lighting System	Area Category Method	0	Area Category Method	150
<input type="checkbox"/> New Lighting System - Parking Garage				
Total Area of Work (ft²)	0		150	

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E

Project Name: 2406-031 Ohlone Park Sidewalk RR Report Page: (Page 2 of 7)
Date Prepared: 6/26/2024

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)					Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)			Compliance Results		
	01	02	03	04	05	06	07	08			
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	Total Allowed (Watts)	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	Total Adjusted (Watts) *Includes Adjustments			
(See Table I)	(See Table I)	(See Table J)	(See Table K)	=	98	≥	85	0	=	85	05 must be ≥ 08 140.6 / 170.2(e)
Conditioned				=	98	≥	85	0	=	85	COMPLIES
Unconditioned		97.5	0								COMPLIES
Controls Compliance (See Table H for Details)										COMPLIES	
Rated Power Reduction Compliance (See Table Q for Details)											

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
OHLONE PARK
BERKELEY, CALIFORNIA
SHEET TITLE: TITLE 24 COMPLIANCE DOCUMENTS

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E	
Project Name: 2406-031 Ohlone Park Sidewalk RR	Report Page:	(Page 3 of 7)	
	Date Prepared:	6/26/2024	

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/hotel/motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Unconditioned Spaces										
01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change ¹	Watts per luminaire ²	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector	
									Pass	Fail
LF-1	LED Ceiling Mount Light	No	NA	14	Mfr. Spec	1	No	14	<input type="checkbox"/>	<input type="checkbox"/>
LF-2	LED Ceiling Mount Light W/Built in Sensor	No	NA	35.3	Mfr. Spec	2	No	70.6	<input type="checkbox"/>	<input type="checkbox"/>
Total Designed Watts: UNCONDITIONED SPACES								85		

¹FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.

²Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls			
01	02	03	
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Field Inspector	
		Pass	Fail
NA < 4,000W subject to multilevel	See Area/Space Level Controls	<input type="checkbox"/>	<input type="checkbox"/>

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E	
Project Name: 2406-031 Ohlone Park Sidewalk RR	Report Page:	(Page 4 of 7)	
	Date Prepared:	6/26/2024	

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls									
04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Field Inspector	
								Pass	Fail
Interior Lighting	All Other Space Types	Readily Accessible	Dimmer	See Building Level	Included	Included	No	<input type="checkbox"/>	<input type="checkbox"/>
								13	
Plan Sheet Showing Daylit Zones:									

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used.

Unconditioned Spaces						
01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
Zone 1 - RR/Mech Rooms	Restroom	0.65	150	97.5	No	No
TOTALS:			150	97.5	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

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PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
OHLONE PARK
BERKELEY, CALIFORNIA
SHEET TITLE: TITLE 24 COMPLIANCE DOCUMENTS

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E	
Project Name: 2406-031 Ohlone Park Sidewalk RR	Report Page:	(Page 5 of 7)	
	Date Prepared:	6/26/2024	

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS
This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS
This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS
This section does not apply to this project.

Generated Date/Time: Documentation Software: EnergyPro

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-3895-0624-1908
Schema Version: rev 20220101 Report Generated: 2024-06-26 17:01:48

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E	
Project Name: 2406-031 Ohlone Park Sidewalk RR	Report Page:	(Page 6 of 7)	
	Date Prepared:	6/26/2024	

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
This section does not apply to this project.

T. DWELLING UNIT LIGHTING
This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

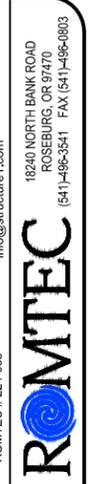
Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	Interior Lighting;

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-3895-0624-1908
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info@structure1.com
ROMTEC # 24-463



PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
OHLONE PARK
BERKELEY, CALIFORNIA

SHEET TITLE: TITLE 24 COMPLIANCE DOCUMENTS

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

SHEET NO. **ET** 2

8/19/2024



STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E	
Project Name: 2406-031 Ohlone Park Sidewalk RR	Report Page:	(Page 7 of 7)	
Project Address: 1701 Hearst Ave.	Date Prepared:	6/26/2024	

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Matthew Weldon	Documentation Author Signature: <i>Matthew Weldon</i>
Company: Regerfour LLC dba 5 Star Energy	Signature Date: 2024-06-26
Address: 1878 Saltu	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Redding Ca 96002	Phone: 530-275-3350

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Ralph Hall	Responsible Designer Signature: <i>RPH</i>
Company: PSE Consulting Engineers, Inc.	Date Signed: 2024-06-26
Address: 250 Main St. Ste. A	License: C87047
City/State/Zip: Klamath Falls Oregon 97601	Phone: 541-850-6300

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
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 info@structure1.com

PROJECT: 4007 SIDEWALK DOUBLE RESTROOM
 OHLONE PARK
 BERKELEY, CALIFORNIA

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

18240 NORTH BANK ROAD
 ROSEBURG, OR 97470
 (541) 486-3541 FAX (541) 486-0803

SHEET TITLE: TITLE 24 COMPLIANCE DOCUMENTS

