

PROJECT GENERAL NOTES

1. **DESIGN INTENT:** THESE DRAWINGS REPRESENT THE GENERAL DESIGN INTENT TO BE IMPLEMENTED ON THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING OWNER'S REPRESENTATIVE FOR ANY ADDITIONAL CLARIFICATION OR DETAILS NECESSARY TO ACCOMMODATE SITE CONDITIONS.

2. **CONTRACTOR COORDINATION:** EACH CONTRACTOR SHALL COORDINATE AND OTHERWISE INTEGRATE WORK WITH THAT OF OTHERS IN AN EFFICIENT AND TIMELY MANNER SO AS TO PROVIDE THE OWNER WITH A WELL-CONSTRUCTED, EASILY MAINTAINABLE PROJECT. EACH CONTRACTOR SHALL NOTIFY OTHERS AT LEAST TWO WORKING DAYS IN ADVANCE OF COVERING, COMPLETING, OR EXPOSING WORK TO BE INSTALLED BY OTHERS.

3. **COMPOSITE BASE SHEET:** THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS BASE SHEET IS COMPILED FROM THE TOPOGRAPHIC SURVEY, OTHER ARCHITECTURAL AND/OR ENGINEERING DOCUMENTS, AND OTHER DATA AS MADE AVAILABLE TO THE LANDSCAPE ARCHITECT. THIS BASE SHEET INFORMATION IS SHOWN IN HALF TONE ON THE PLANS. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THESE DOCUMENTS. THE COMPOSITE BASE SHEET IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME.

THE BASE SHEET SOURCE FOR THESE DRAWINGS IS: "ACAD-VF-TOPO.DWG", AS PREPARED BY KSN, INC., DATED AUGUST 2021.

4. THE CONTRACTOR IS CAUTIONED THAT ONLY EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. HOWEVER, THE LANDSCAPE ARCHITECT CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH ARE NOT SHOWN ON THESE DRAWINGS.

5. **TREE PROTECTION AND MAINTENANCE REQUIREMENTS:** SEE TREE DISPOSITION PLANS (TD1.0 THROUGH TD1.5) AND PROJECT SPECIFICATIONS FOR TREE PROTECTION REQUIREMENTS.

6. **HORIZONTAL CONTROL:** HORIZONTAL CONTROL IS BASED ON CONTROL POINTS IDENTIFIED ON SHEET VF1.01. COORDINATES HAVE BEEN PROVIDED FOR STRATEGIC POINTS AT PROPOSED CONSTRUCTION BASED ON THE SAME COORDINATE SYSTEM. FOR CLARITY, THE FIRST THREE DIGITS (216) FOR ALL NORTHING COORDINATES AND THE FIRST THREE DIGITS (633) FOR ALL EASTING COORDINATES HAVE BEEN TRUNCATED.

7. THE ACCESSIBILITY REQUIREMENTS FOR THE CONSTRUCTION OF THIS PROJECT'S SCOPE OF WORK SHALL CONFORM TO REQUIREMENTS OF THE 1019 CBC CHAPTER 11B.

8. **ASBESTOS AND LEAD-CONTAINING PAINT:** AN ASBESTOS AND LEAD-CONTAINING PAINT SURVEY WAS CONDUCTED ON THE EXISTING SITE STRUCTURES. THIS SURVEY HAS DETERMINED THAT CATEGORY 1 NONFRIABLE/NON-HAZARDOUS ASBESTOS HAS BEEN IDENTIFIED. ADDITIONALLY, SOME LEAD-CONTAINING PAINTED SURFACES HAVE BEEN IDENTIFIED.

CONTRACTOR SHALL REFER TO THE ASBESTOS AND LEAD-CONTAINING PAINT SURVEY REPORT IN APPENDIX B OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING THE LOCATIONS, LEVELS, AND REQUIREMENTS RELATED TO ASBESTOS AND LEAD-CONTAINING PAINT AT THE PROJECT LOCATION.

CITY OF STOCKTON GENERAL NOTES

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CURRENT CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS, CALIFORNIA DEPARTMENT OF TRANSPORTATION CURRENT STANDARD PLANS AND SPECIFICATIONS (CALTRANS), INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS, AND CA MUTCD LATEST EDITION, INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS AND REVISIONS THERETO. WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE CITY'S STANDARD SPECIFICATIONS AND PLANS, THE CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS SHALL PREVAIL. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE IMPROVEMENTS IN ACCORDANCE WITH THE ABOVE-MENTIONED STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE COMPLETE WORK SCOPE AND ALL RELATED CONDITIONS PRIOR TO BID. ANY QUESTIONS OR DISCREPANCIES WITH THE INFORMATION SHOWN HEREIN MUST BE DIRECTED TO THE ENGINEER PRIOR TO BID.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS AND CONDITIONS OF ALL PERMITS AND APPROVALS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL ENSURE THAT THE NECESSARY PERMITS AND/OR LICENSES ARE SECURED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF STOCKTON FOR ANY WORK DONE WITHIN CITY RIGHTS-OF-WAY OR ON CITY-OWNED FACILITIES WITHIN AN EASEMENT. CONTRACTOR SHALL CALL THE PERMIT CENTER AT (209) 937-8366 TO REQUEST A CONTROL NUMBER AND ACTIVATE THE PERMIT NO LESS THAN 24 HOURS, BUT NOT IN EXCESS OF 72 HOURS PRIOR TO START OF WORK.
- ALL STATIONS REFER TO DISTANCES ALONG STREET CENTERLINE, UNLESS OTHERWISE NOTED. ALL STATIONS OFF CENTERLINE ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTERLINE STATIONS.
- THE CONTRACTOR SHALL RECEIVE PRIOR APPROVAL FROM THE ENGINEER FOR ANY EXTRA WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ENGINEER AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING AND NEWLY PLACED IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY AND SECURITY OF JOB SITE, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT DRAWINGS SHOWING THE FINAL LOCATION OF FINAL IMPROVEMENTS. AS-BUILT DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
- PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT DRAWINGS. AS-BUILT DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE
- ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH SECTION 7 OF THE CITY OF STOCKTON STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKERS FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5' OR MORE. EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATIONS PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 7-1.02K(6)(b) OF THE CALTRANS STANDARDS, SECTION 6105 OF THE STATE OF

CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.

13. ATTENTION IS CALLED TO: SECTION 1541(b)(1) OF THE CONSTRUCTION SAFETY ORDERS (CALIFORNIA CODE OF REGULATIONS, TITLE 8), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, WHICH STATES: "THE APPROXIMATE LOCATION OF SUBSURFACE INSTALLATIONS, SUCH AS SEWER, TELEPHONE, FUEL, ELECTRIC, WATER LINES, OR ANY OTHER SUBSURFACE INSTALLATIONS THAT REASONABLY MAY BE EXPECTED TO BE ENCOUNTERED DURING EXCAVATION WORK, SHALL BE DETERMINED BY THE EXCAVATOR PRIOR TO OPENING AN EXCAVATION."

14. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 227-2600.

15. IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW OR MODIFIED STRUCTURES, UTILITIES AND SERVICES WITHIN THE PROJECT LIMITS.

16. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY MONUMENTS, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERROR CAUSED BY HIS UNNECESSARY LOSS OR DISTURBANCE. THE CONTRACTOR SHALL CONSULT WITH A LICENSED LAND SURVEYOR OR CIVIL ENGINEER LICENSED TO PRACTICE LAND SURVEYING IN CALIFORNIA PRIOR TO BEGINNING CONSTRUCTION TO ENSURE THAT ANY PRE-CONSTRUCTION CORNER RECORDS, AS REQUIRED BY THE STATE OF CALIFORNIA PROFESSIONAL LAND SURVEYOR ACT HAVE BEEN FILED WITH THE COUNTY SURVEYOR, PURSUANT TO SECTION 8771(a-f) OF THE CALIFORNIA BUSINESS AND PROFESSION CODE.

17. ALL WORK IN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE ENGINEER.

18. PRIOR TO PLACEMENT OF ANY FINISH ASPHALT CONCRETE OR CONCRETE, THE CONTRACTOR SHALL VERIFY ALL FINISH GRADES AND SLOPES FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND OBTAIN APPROVAL AND ACCEPTANCE BY THE ENGINEER.

19. THE CONTRACTOR SHALL LAYOUT IMPROVEMENTS FROM THE DIMENSIONS SHOWN ON THE PLANS. ANY CLARIFICATION OR CONFLICTS, DISCREPANCIES OR AMBIGUITIES SHALL BE DIRECTED TO THE ENGINEER PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENTS.

20. DUST CONTROL SHALL BE PERFORMED AT ALL TIMES, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10-5 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF STOCKTON.

21. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING WATER, SEWER, AND DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW IMPROVEMENTS ARE IN PLACE AND FUNCTIONING, EXCEPT WHERE OTHERWISE APPROVED.

22. INGRESS AND EGRESS BY PROPERTY OWNERS, BUSINESSES, AND OTHERS SHALL BE PROVIDED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE APPROVED OR SPECIFIED.

23. SIDEWALK REMOVAL SHALL BE TO THE NEAREST SCORE MARK OR AS DETERMINED BY THE ENGINEER. CONTRACTOR SHALL NEATLY SAW-CUT CONCRETE WHERE PULL BOXES ARE TO BE PLACED AND SHALL RESTORE THE SLAB TO MATCH THE EXISTING CONDITION.

24. NEW SIDEWALK SHALL BE DOWELED INTO EXISTING SIDEWALK ACCORDING TO CITY STANDARD DRAWING NO. R-55

EXISTING CONDITIONS LEGEND

- 12"sd --- STORM DRAIN LINE
- 6"ss --- SANITARY SEWER LINE
- w --- WATER LINE
- fs --- FIRE SERVICE LINE
- irr --- IRRIGATION LINE
- g --- GAS LINE
- t --- COMMUNICATION LINE
- t(sh) --- COMMUNICATION LINE OVERHEAD
- e --- ELECTRICAL LINE
- e(sh) --- ELECTRICAL LINE OVERHEAD
- --- SIDEWALK
- --- EDGE OF PAVEMENT
- --- SAWCUT LINE
- --- RW, PL
- x --- FENCELINE CHAINLINK
- --- BENCH
- --- BLOW-OFF
- --- CATCH BASIN / DROP INLET
- --- CLEANOUT
- --- COMBINATION TRAFFIC SIGNAL WITH BACKPLATE & LUMINAIRE
- --- CONTROL POINT
- --- CURB INLET
- --- ELECTRIC CABINET
- --- ELECTRIC METER BOX
- --- ELECTRIC PULL BOX
- --- FIRE HYDRANT ASSEMBLY
- --- EXISTING TREE TREE NUMBER AND DIAMETER AT BREAST HEIGHT
- --- HERITAGE OAK TREE PER CITY OF STOCKTON MUNICIPAL CODE
- --- GAS METER
- --- GAS VALVE BOX
- --- GUY WIRE
- --- IRRIGATION VALVE BOX
- --- LIGHT
- --- MAINTENANCE HOLE
- --- POST OR BOLLARD
- --- PULL BOX
- --- SIGN POST
- --- SPOT ELEVATION
- --- TABLE
- --- TRAFFIC SIGNAL BOX
- --- TREE
- --- UTILITY POLE
- --- WATER HOSE BIB
- --- WATER METER BOX
- --- WATER SPRINKLER

File Path: \\p:\projects\21013\21013.mxd\external\accompany\CA_Contract\Documents\21013\CV.dwg Plot Date: 11/14/22 Saved By: AJohnson Copyright 2022 Caltrans. All rights reserved. All other rights reserved.



PERMIT REVIEW SET

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
GENERAL NOTES & SYMBOLS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE		CV1.1
DRAWN BY	CM			2 OF 162 SHTS
CHECKED BY	BW		CITY ENGINEER	WR21017
RECORD DWGS.			STOCKTON, CALIFORNIA	PROJECT NO.



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

CIVIL GENERAL NOTES:

1. THE INTENT IS THAT THESE PLANS REQUIRE ALL LABOR AND MATERIALS (EXCEPT AS SPECIFIED IN THE SPECIFICATIONS) NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE.
2. THE TYPES, LOCATION, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED BY THE DESIGN ENGINEER FROM "OUTSIDE SOURCES," BELIEVED TO BE RELIABLE. HOWEVER, THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. KJELSDEN, SINNOCK & NEUDECK ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
3. IF NEEDED, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM CALWATER UTILITIES & MAINTENANCE DEPARTMENT FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY THE CITY FIRE DISTRICT.
4. THE CONTRACTOR SHALL EMPLOY SATISFACTORY PROVISIONS TO ENSURE CONTINUOUS AND PROPER FUNCTIONING OF ADJACENT SEWERS, STORM DRAINS, GUTTERS, CULVERTS, DRAINAGE AND IRRIGATION DITCHES, AND/OR NATURAL WATER COURSES.
5. THE CONTRACTOR SHALL AT ALL TIMES BE RESPONSIBLE FOR THE SECURITY OF HIS PLANT AND EQUIPMENT. THE OWNER AND ITS REPRESENTATIVES WILL NOT TAKE ANY RESPONSIBILITY FOR MISSING OR DAMAGED EQUIPMENT, TOOLS, OR PERSONAL BELONGINGS.
6. A SEPARATE CITY ENCROACHMENT PERMIT WITH COMMUNITY DEVELOPMENT DEPARTMENT WILL BE REQUIRED FOR ANY TRAFFIC CONTROL OR WORK IN THE CITY RIGHT OF WAY.

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A TRANSITION IN CURBS, GUTTERS, SIDEWALKS, GRADES, ETC., AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
2. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT DIRECTOR FOR ALL TEMPORARY AND LONG-TERM MATERIAL STORAGE LOCATIONS AND HAUL ROUTES.
3. UNLESS OTHERWISE DIRECTED BY THE PROJECT DIRECTOR, ALL EXISTING IRRIGATION AFFECTED OR REMOVED BY THE CONSTRUCTION OF THIS PROJECT WILL FIRST BE COORDINATED THROUGH THE PROJECT DIRECTOR AND REPAIRS OUTSIDE THE LIMITS OF THE SCOPE OF WORK WILL BE PERFORMED BY OWNER'S FORCES.

ENVIRONMENTAL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN AIR POLLUTION CONTROLS BY NOT DISCHARGING SMOKE, DUST, OR ANY OTHER AIR CONTAMINANTS INTO THE ATMOSPHERE IN SUCH QUANTITY AS WILL VIOLATE THE REGULATIONS OF ANY LEGALLY CONSTITUTED AUTHORITY.
2. THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, AND UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE PROJECT SITE AND VICINITY CLEAN AND ORDERLY, DISPOSING OF LITTER, RUBBISH AND DEBRIS IN A MANNER SATISFACTORY TO THE PROJECT DIRECTOR.
3. ASBESTOS CEMENT MATERIALS ARE PROHIBITED.
4. DISCHARGE OF ANYTHING EXCEPT CLEAN WATER INTO THE STORM DRAIN SYSTEM IS PROHIBITED.

EXCAVATION, BACKFILL & COMPACTION:

1. THE CONTRACTOR SHALL PERFORM EARTHWORK IN ACCORDANCE WITH REGULATORY AGENCY STANDARD SPECIFICATIONS AND CALTRANS STANDARD SPECIFICATIONS SECTION 16 (LATEST EDITION).
2. AFTER PIPE HAS BEEN PROPERLY ASSEMBLED AND INSTALLED, BACKFILLING SHALL BE PERFORMED AT ALL TIMES IN A MANNER THAT AVOIDS ABRASION OR OTHER PIPE DAMAGE.
3. AFTER THE INITIAL BACKFILLING HAS BEEN MADE AND APPROVED BY THE PROJECT DIRECTOR, THE FINAL BACKFILLING SHALL BE MADE. BACKFILL MATERIAL SHALL BE CAREFULLY PLACED IN THE TRENCH IN ORDER TO NOT DAMAGE THE PIPE AND SHALL BE COMPACTED IN ACCORDANCE WITH ASTM D 1557-78 PROCEDURE TO THE PROPER COMPACTIONS, LINES AND GRADES.
4. COMPACTION MAY BE PERFORMED WITH A VIBRATORY TYPE ROLLER COMPACTOR.
5. THE MINIMUM TOTAL COVER FOR PIPELINES IN STREETS IS THREE FEET (3'), PIPELINES IN LANDSCAPE AREAS IS TWO FEET (2'), AND ALL CONDUITS IS EIGHTEEN INCHES (18'), UNLESS OTHERWISE SPECIFIED.

TESTING:

1. THE OWNER WILL RETAIN THE SERVICES OF AN INDEPENDENT SOILS CONSULTANT AND TESTING LABORATORY TO PERFORM SOIL ANALYSIS, FIELD COMPACTION, AND DENSITY TESTS AND CHECK COMPLIANCE WITH THESE SPECIFICATIONS. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE SURFACE MATERIALS AT LOCATIONS DESIGNATED BY THE TESTING ENGINEER AND TO PROVIDE ASSISTANCE AS NECESSARY FOR TESTING. THE INDEPENDENT TESTING LABORATORY WILL SAMPLE AND PERFORM ALL REQUIRED TESTS SUCH AS MOISTURE CONTENT, GRADATION AND MOISTURE DENSITY RELATIONSHIPS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER. ALL RE-TESTING AND/OR REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.

TRAFFIC CONTROL:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND TO SUBMIT A TRAFFIC CONTROL AND/OR DETOUR PLAN FOR APPROVAL BY THE CITY OF STOCKTON TRAFFIC ENGINEER PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND MAINTAIN ALL PERMANENT AND TEMPORARY LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER TRAFFIC CONTROL DEVICES NEEDED TO PROTECT PUBLIC SAFETY AND PREVENT PUBLIC HAZARDS IN ACCORDANCE WITH THE CALTRANS TRAFFIC MANUAL.
3. THE CONTRACTOR SHALL NOT CLOSE OR BLOCK ANY LANE, ROAD, STREET, OR HIGHWAY SERVING THE PUBLIC EXCEPT WITH THE PERMISSION FROM THE PROPER GOVERNMENTAL OR JURISDICTIONAL AUTHORITY. TRAFFIC DELAYS LASTING LONGER THAN FIFTEEN (15) MINUTES ARE UNACCEPTABLE.
4. A SEPARATE CITY ENCROACHMENT PERMIT WILL BE REQUIRED FOR ANY TRAFFIC CONTROL OR WORK IN THE CITY RIGHT OF WAY WITH COMMUNITY DEVELOPMENT DEPARTMENT.

DUST & MUD CONTROL:

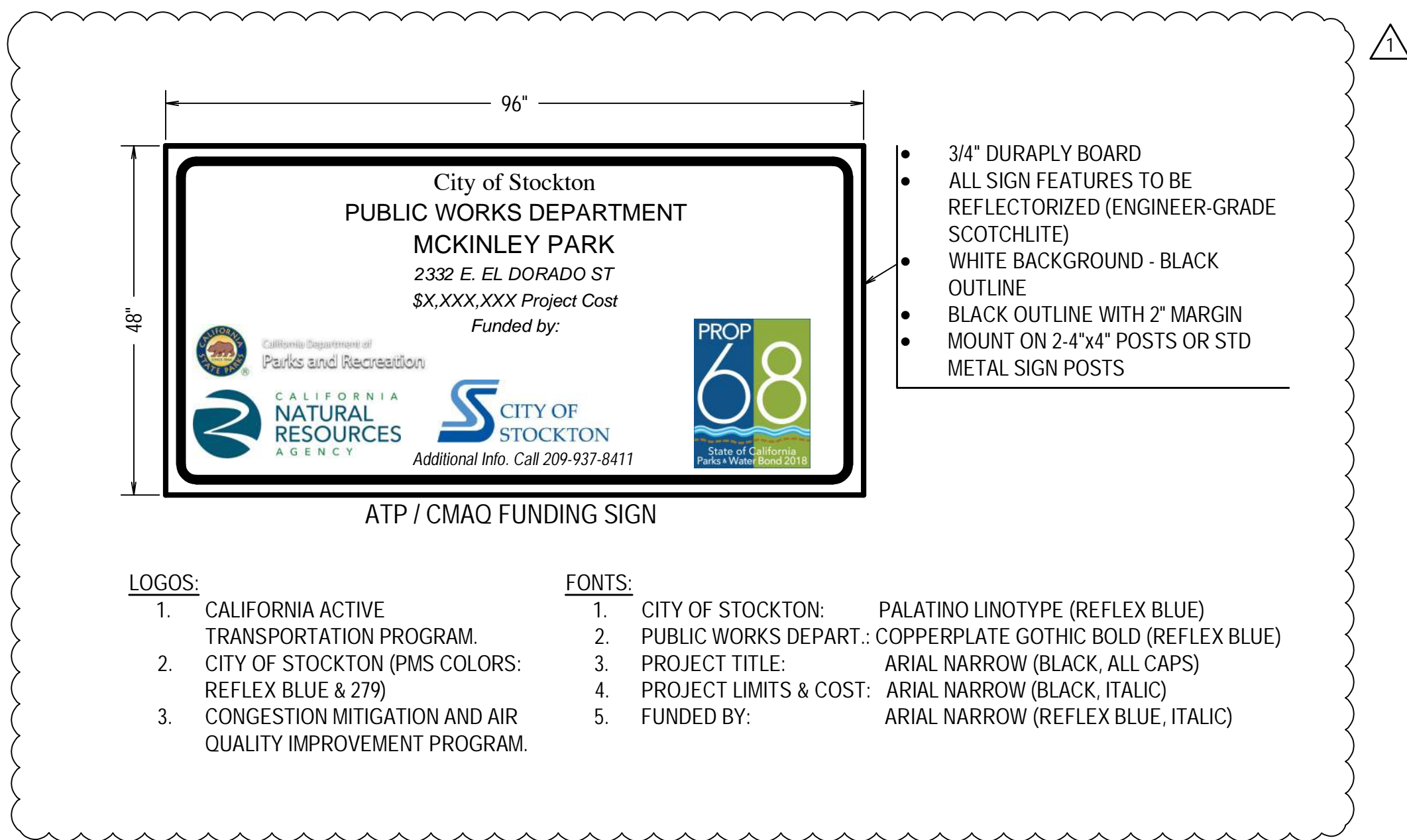
1. THE CONTRACTOR SHALL KEEP ALL WALKS AND ROADWAYS ADJACENT TO THE PROJECT SITE FREE AND CLEAR OF MUD AND SILT IN A MANNER SATISFACTORY TO THE PROJECT DIRECTOR.

CLEANUP:

1. THE CONTRACTOR, UPON ACCEPTANCE OF ALL WORK, SHALL RESTORE THE PROJECT SITE TO THE CONDITION IN WHICH WORK STARTED AND AS SATISFACTORY TO THE OWNER OR ITS REPRESENTATIVE.

SURVEY NOTES:

1. THE EXISTING TOPOGRAPHY SHOWN ON THESE PLANS IS PRIMARILY FROM KSN FIELD TOPOGRAPHIC SURVEYS AND MAY BE SUPPLEMENTED WITH PLANIMETRIC LAYOUTS FROM PUBLIC AERIAL PHOTOGRAPHY INFORMATION.
2. BEARINGS AND DISTANCES ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3 (CCS83-III). ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT.
3. CONTRACTOR SHALL PROTECT AND PRESERVE ALL EXISTING BOUNDARY MONUMENTS PER SECTION 8771 OF THE 2017 PROFESSIONAL LAND SURVEYORS ACT. FOUND MONUMENTS ARE NOTED ON THE PLANS. DISTURBED OR DESTROYED MONUMENTS SHALL BE RESTORED OR REPLACED PER THE CITED SECTION AND SECTION 8762 BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.



LOGOS:

1. CALIFORNIA ACTIVE TRANSPORTATION PROGRAM.
2. CITY OF STOCKTON (PMS COLORS: REFLEX BLUE & 279)
3. CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM.

FONTS:

1. CITY OF STOCKTON: PALATINO LINOTYPE (REFLEX BLUE)
2. PUBLIC WORKS DEPART.: COPPERPLATE GOTHIC BOLD (REFLEX BLUE)
3. PROJECT TITLE: ARIAL NARROW (BLACK, ALL CAPS)
4. PROJECT LIMITS & COST: ARIAL NARROW (BLACK, ITALIC)
5. FUNDED BY: ARIAL NARROW (REFLEX BLUE, ITALIC)

KJELSDEN SINNOCK NEUDECK
 CIVIL ENGINEERS & LAND SURVEYORS
 711 N. Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 CONTACT 811 BEFORE YOU DIG
 SAFE DIGGING ALERT

CALLA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
CIVIL GENERAL NOTES

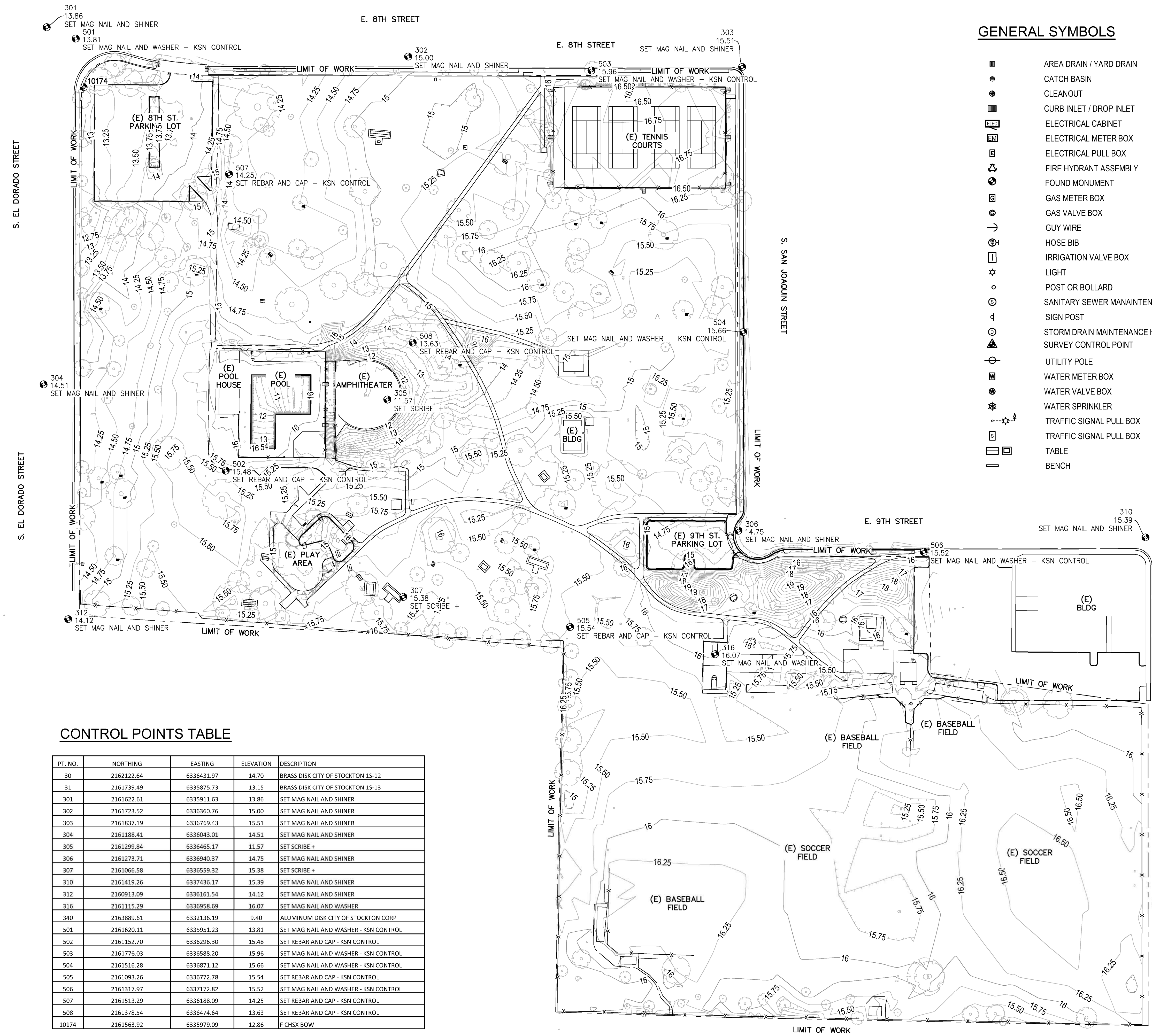
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	JDK	DATE		C-001
DRAWN BY	PX	CITY ENGINEER		3 OF 142 SHS
CHECKED BY	SKS	STOCKTON, CALIFORNIA		WR21017 PROJECT NO.
RECORD DWGS.				

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK



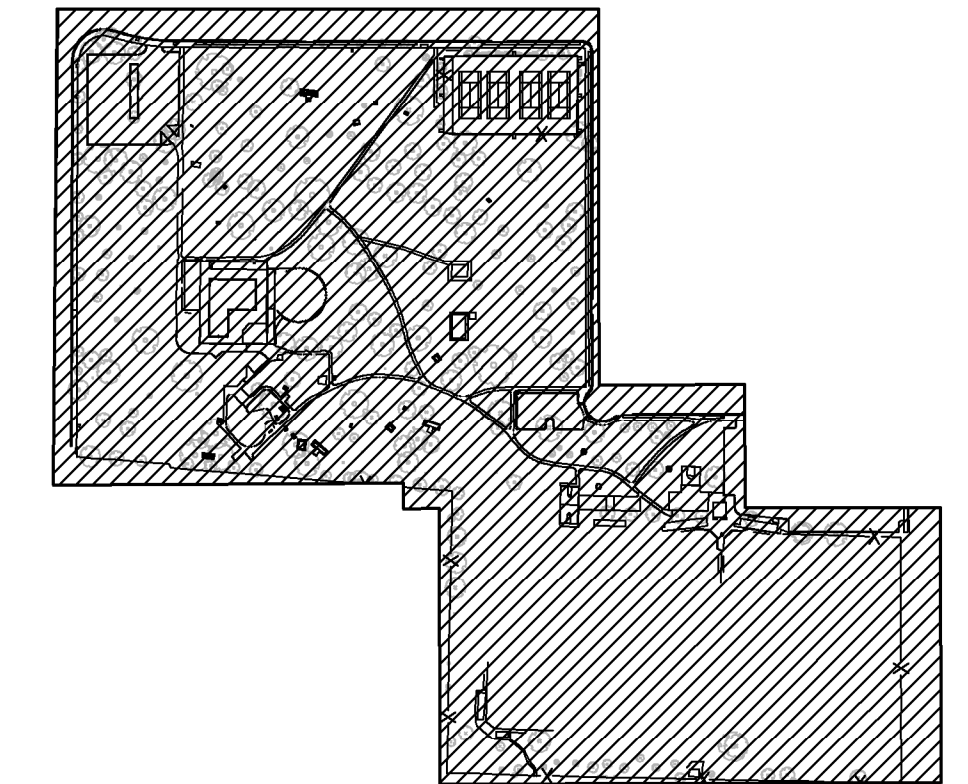
File Path: P:\21013_Civil\21013_Civil.dwg, Project: MCKINLEY PARK AND POOL RENOVATION, Date: 11/14/22, Saved By: Phong



GENERAL SYMBOLS

- AREA DRAIN / YARD DRAIN
- CATCH BASIN
- CLEANOUT
- ▣ CURB INLET / DROP INLET
- ▢ ELECTRICAL CABINET
- ▢ ELECTRICAL METER BOX
- ▢ ELECTRICAL PULL BOX
- ⊕ FIRE HYDRANT ASSEMBLY
- ⊙ FOUND MONUMENT
- ⊙ GAS METER BOX
- ⊙ GAS VALVE BOX
- GUY WIRE
- ⊕ HOSE BIB
- ▢ IRRIGATION VALVE BOX
- ★ LIGHT
- ⊙ POST OR BOLLARD
- ⊙ SANITARY SEWER MAINTENANCE HOLE
- ⊙ SIGN POST
- ⊙ STORM DRAIN MAINTENANCE HOLE
- ⊙ SURVEY CONTROL POINT
- ⊕ UTILITY POLE
- ▢ WATER METER BOX
- ▢ WATER VALVE BOX
- ⊕ WATER SPRINKLER
- ▢ TRAFFIC SIGNAL PULL BOX
- ▢ TRAFFIC SIGNAL PULL BOX
- ▢ TABLE
- ▢ BENCH

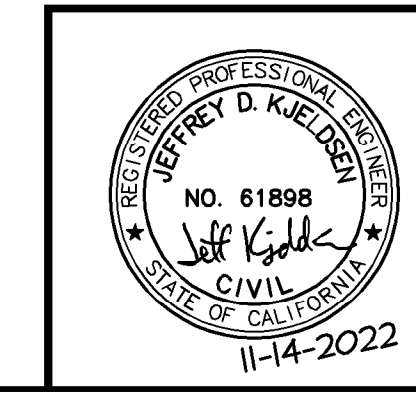
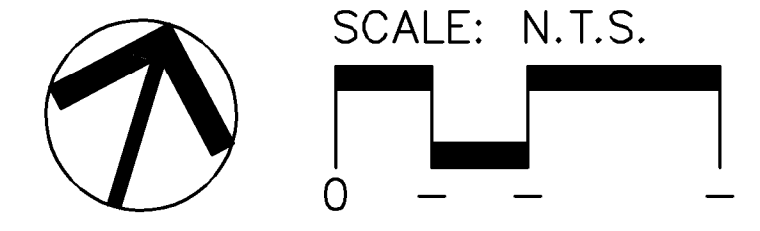
KEY MAP



CONTROL POINTS TABLE

PT. NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
30	2162122.64	6336431.97	14.70	BRASS DISK CITY OF STOCKTON 15-12
31	2161739.49	6335875.73	13.15	BRASS DISK CITY OF STOCKTON 15-13
301	2161622.61	6335911.63	13.86	SET MAG NAIL AND SHINER
302	2161723.52	6336360.76	15.00	SET MAG NAIL AND SHINER
303	2161837.19	6336769.43	15.51	SET MAG NAIL AND SHINER
304	2161888.41	6336043.01	14.51	SET MAG NAIL AND SHINER
305	2161299.84	6336465.17	11.57	SET SCRIBE +
306	2161273.71	6336940.37	14.75	SET MAG NAIL AND SHINER
307	2161066.58	6336559.32	15.38	SET SCRIBE +
310	2161419.26	6337436.17	15.39	SET MAG NAIL AND SHINER
312	2160913.09	6336161.54	14.12	SET MAG NAIL AND SHINER
316	2161115.29	6336958.69	16.07	SET MAG NAIL AND WASHER
340	2163889.61	6332136.19	9.40	ALUMINUM DISK CITY OF STOCKTON CORP
501	2161620.11	6335951.23	13.81	SET MAG NAIL AND WASHER - KSN CONTROL
502	2161152.70	6336296.30	15.48	SET REBAR AND CAP - KSN CONTROL
503	2161776.03	6336588.20	15.96	SET MAG NAIL AND WASHER - KSN CONTROL
504	2161516.28	6336871.12	15.66	SET MAG NAIL AND WASHER - KSN CONTROL
505	2161093.26	6336772.78	15.54	SET REBAR AND CAP - KSN CONTROL
506	2161317.97	6337172.82	15.52	SET MAG NAIL AND WASHER - KSN CONTROL
507	2161513.29	6336188.09	14.25	SET REBAR AND CAP - KSN CONTROL
508	2161378.54	6336474.64	13.63	SET REBAR AND CAP - KSN CONTROL
10174	2161563.92	6335979.09	12.86	F CHSK BOW

COORDINATES, BEARINGS, AND DISTANCES ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 3 (1991.35 EPOCH), AS REFERENCED BY AVAILABLE CITY OF STOCKTON PUBLISHED CONTROL MONUMENTS. ALL DISTANCES ARE GRID. GROUND DISTANCES MUST BE MULTIPLIED BY A COMBINED SCALE FACTOR (CSF) OF 0.999938386 TO OBTAIN GRID DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT. A CONVERGENCE ANGLE OF -0°28'45.5" AND THE CSF WERE DETERMINED AT CONTROL POINT 31.



Revision No.	Description	Date	By	Aprvd. By

KJELDOSEN SINNOCK NEUDECK
 CIVIL ENGINEERS & LAND SURVEYORS
 711 N. Pershing Avenue
 Stockton, CA 95203
 209-946-0288
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 www.kjnelson.com

811
SAFE DIGGING ALERT

CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
EXISTING TOPOGRAPHY / CONTROL PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE AS SHOWN	APPROVED BY:	DATE	SHEET NO.
DESIGNED BY JDK			VF101
DRAWN BY PK			4 OF 162 SHTS
CHECKED BY SKS			
RECORD DWGS.			
	CITY ENGINEER		WR21017
	STOCKTON, CALIFORNIA		PROJECT NO.

File Path: P:\CALI_CCS_McKINLEY_Park_Renovation\Project\DWG\CHS\10174_01_Plan\10174.dwg Plot Date: 11/14/22 Sheet#: 10174
 Copyright © 2022, Civil Engineers & Land Surveyors, Inc.

501
13.81
SET MAG NAIL AND WASHER - KSN CONTROL

E. 8TH STREET

10174

(E) 8TH ST. PARKING LOT

(E) CURB (TYP)

(E) PATH

507
14.25
SET REBAR AND CAP - KSN CONTROL

(E) BBQ PIT

(E) CONC TRASH PAD

(E) BENCH

(E) BENCH

HT

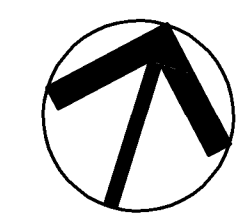
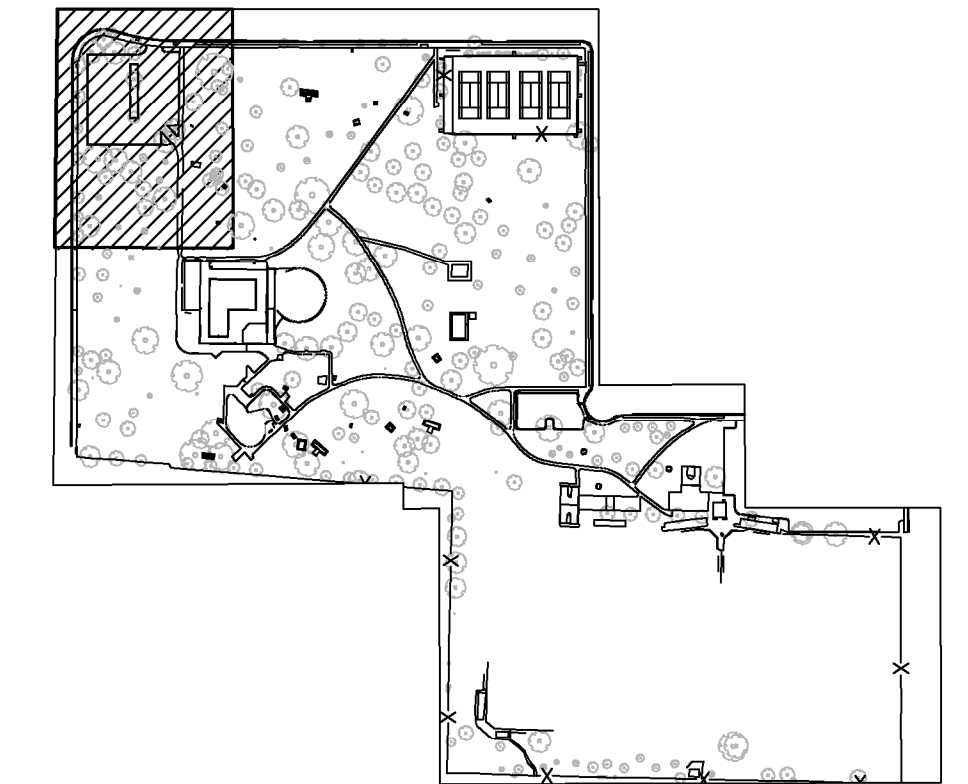
HT

LIMIT OF WORK

MATCHLINE A SEE SHEET VF202

MATCHLINE B SEE SHEET VF203

KEY MAP



SCALE: 1" = 20'
0 10' 20' 40'

KSN KJELDSSEN SINNOCK NEUDECK INC. CIVIL ENGINEERS & LAND SURVEYORS
711 N. Pershing Avenue Stockton, CA 95203 209-946-0268
1550 Harbor Blvd., Suite 212 West Sacramento, CA 95691 916-403-5900
www.ksninc.com

CONTACT 811 BEFORE YOU DIG
811 SAFE DIGGING ALERT

CALA
12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 916.985.4366
www.calanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
EXISTING TOPO PLAN 1

PERMIT REVIEW SET

	Revision No.	Description	Date	By	Aprvd. By	DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
						SCALE AS SHOWN	APPROVED BY: DATE
						DESIGNED BY: JDK	SHEET NO.: VF201
						DRAWN BY: PK	5 OF 162 SHTS
					CHECKED BY: SKS	CITY ENGINEER	WR21017
					RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.

File Path: P:\2411_CCS_Mckinley Park Improvement Project\140_Plan\200_CAD\Sheet\VF201.dwg Plot Date: 11/17/22 Sheet#: 11 of 162 Copyright © 2022 Calander Associates, Inc.

LIMIT OF WORK

LIMIT OF WORK

503
15.96
SET MAG NAIL AND WASHER - KSN CONTROL

(E) SIDEWALK

(E) BUS STOP

(E) WOODEN FENCE

(E) TENNIS COURTS

(E) TABLE

(E) BBQ

(E) DRINKING FOUNTAIN

(E) BENCH

(E) TABLE

(E) PATH

(E) CHAIN LINK FENCE
AROUND (E) TENNIS COURTS

(E) BENCH

(E) STAND PIPE

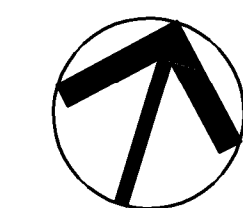
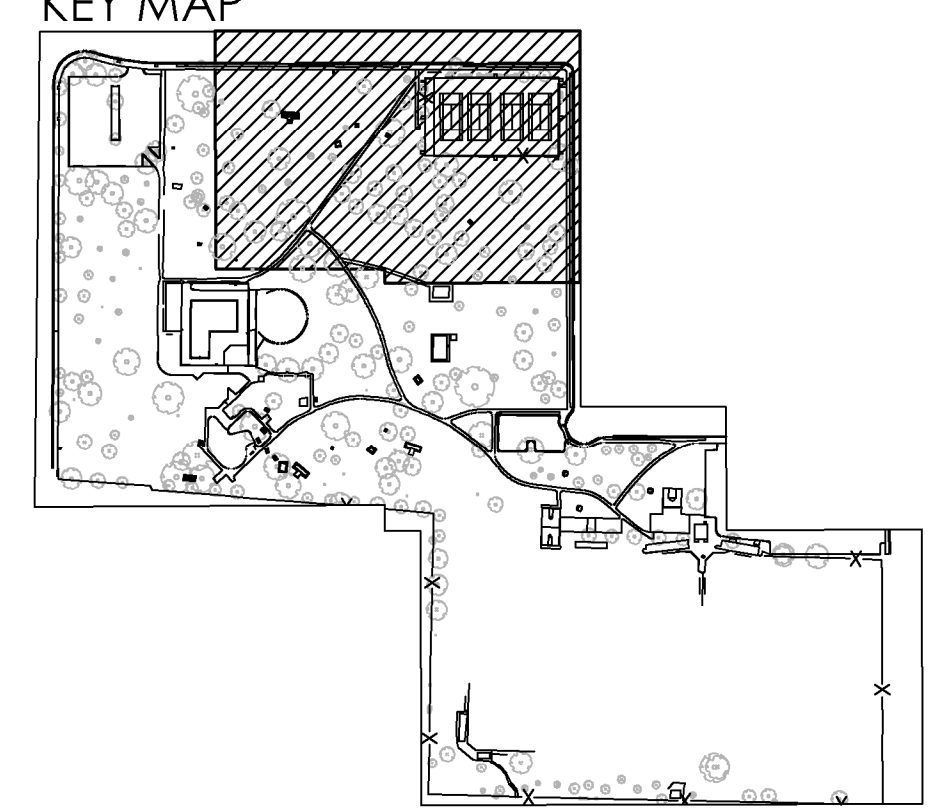
504
15.66
SET MAG NAIL AND WASHER - KSN CONTROL

MATCHLINE A SEE SHEET VF201

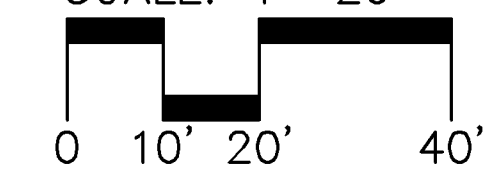
MATCHLINE C SEE SHEET VF203

MATCHLINE C SEE SHEET VF204

KEY MAP



SCALE: 1"=20'



KSN KJELDSSEN SINNOCK NEUDECK INC. CIVIL ENGINEERS & LAND SURVEYORS
 711 N. Parshing Avenue Stockton, CA 95203 209-946-0268
 1550 Harbor Blvd., Suite 212 West Sacramento, CA 95691 916-403-5900
 www.ksninc.com

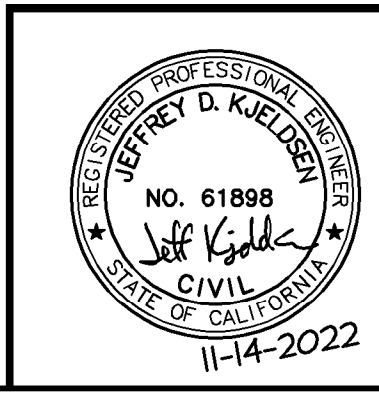
CONTACT 811 BEFORE YOU DIG
811
 SAFE DIGGING ALERT

CALA
 12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
 EXISTING TOPO PLAN 2

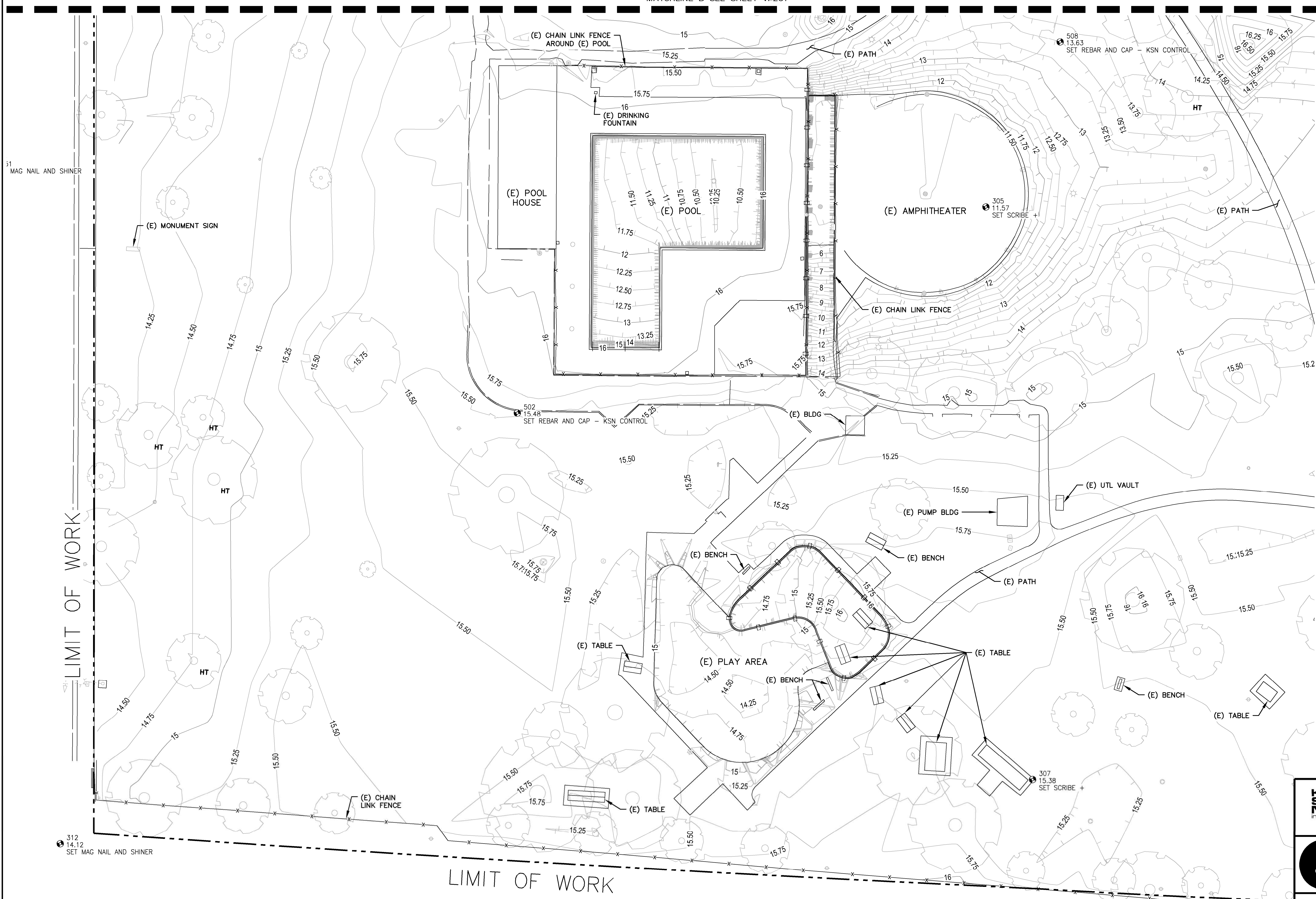
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO. VF202
SCALE AS SHOWN	DESIGNED BY JDK	CITY ENGINEER STOCKTON, CALIFORNIA	DATE	6 OF 162 SHTS
DRAWN BY PX	WR21017			
CHECKED BY SKS	PROJECT NO.			
RECORD DWGS.				

Revision No.	Description	Date	By	Aprvd. By

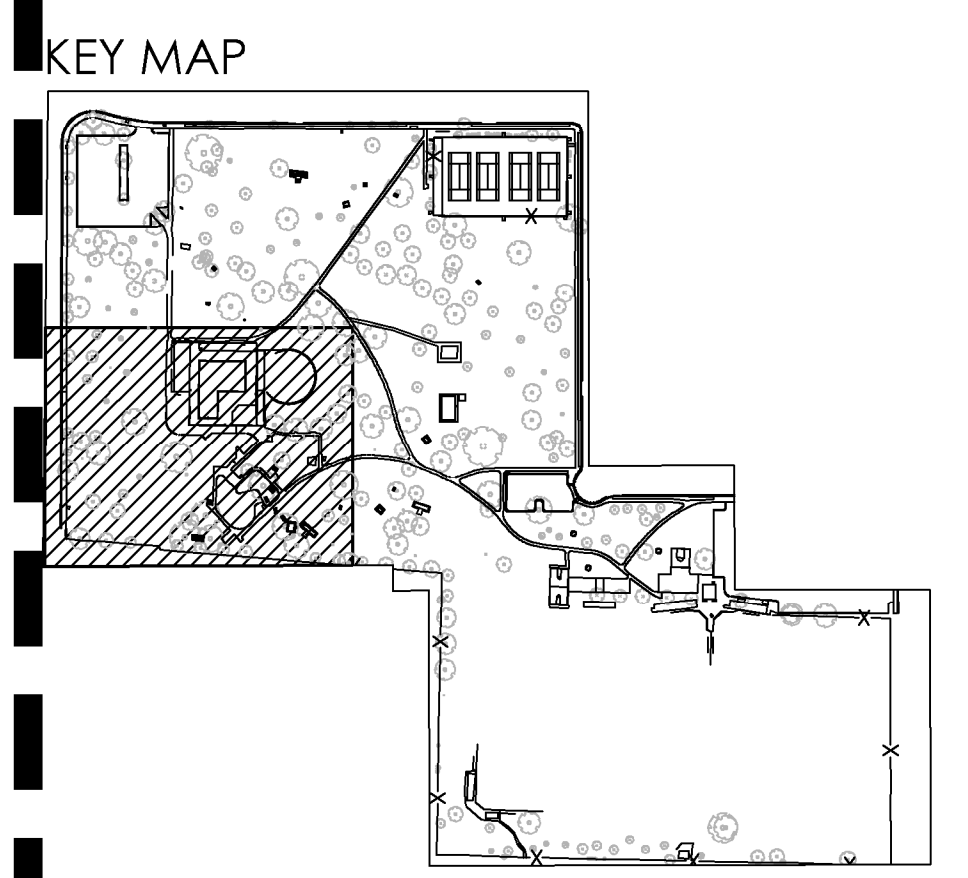


File Path: P:\2411_CCS_McKinley Park Renovation\Project\08_Civil\00_Plan\00_CAD\Sheet\VF203.dwg Plot Date: 11/14/22 Scale: as shown
Copyright © 2022 Callander Associates, Inc.

MATCHLINE B SEE SHEET VF201



MATCHLINE D SEE SHEET VF204



LIMIT OF WORK

LIMIT OF WORK

31 MAG NAIL AND SHINER

312 14.12 SET MAG NAIL AND SHINER

File Path: P:\2411_CCS_Mckinley Park Renovation\Project\08_Civil\03_Plan\030_CAD\Sheet\VF203.dwg Plot Date: 11/14/22 Scaled: 1:20
Copyright © 2022 Calander Associates Landscape Architects, Inc.

KJELDOSEN SINNOCK NEUDECK
INC. CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com

711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268

1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

CONTACT 811 BEFORE YOU DIG

811
SAFE DIGGING ALERT

CALA

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.calanderassociates.com

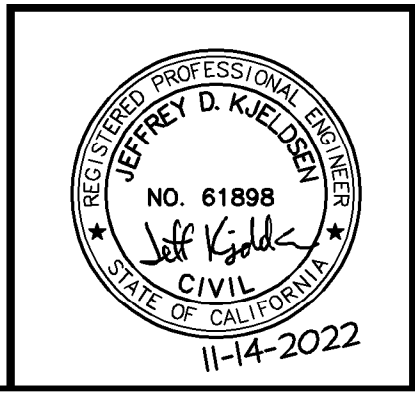
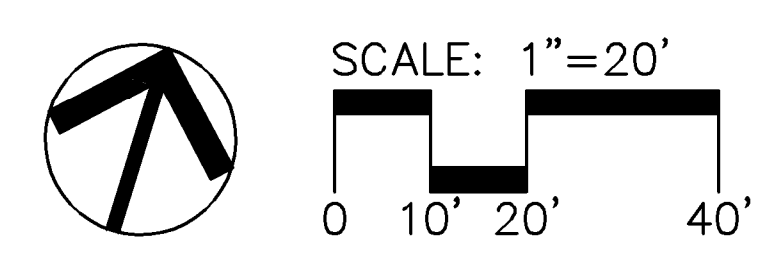
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
EXISTING TOPO PLAN 3

PERMIT REVIEW SET

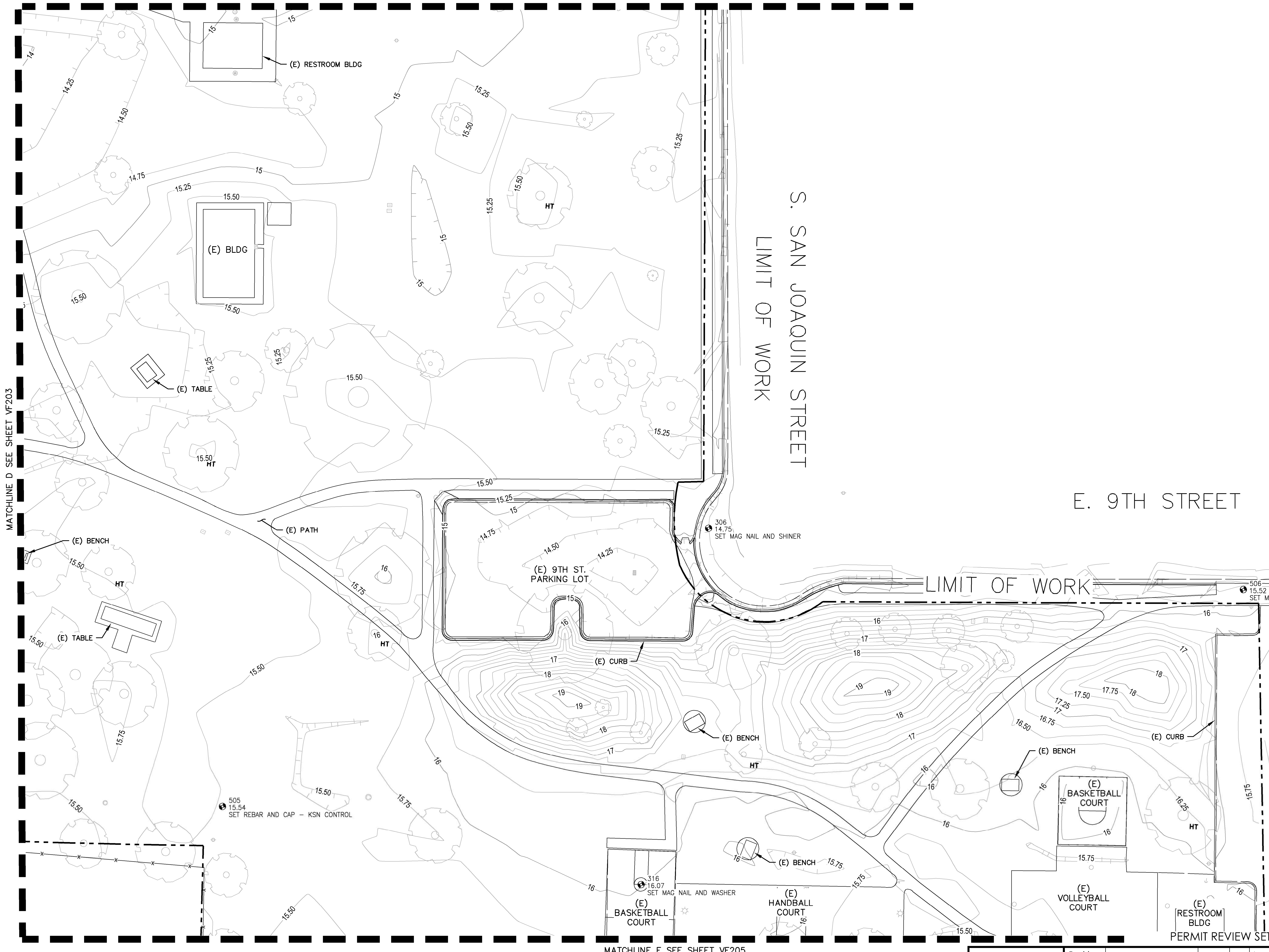
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	JDK	DATE		VF203
DRAWN BY	PX			7 OF 162 SHTS
CHECKED BY	SKS			WR21017
RECORD DWGS.			CITY ENGINEER STOCKTON, CALIFORNIA	PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By



MATCHLINE C SEE SHEET VF202

MATCHLINE D SEE SHEET VF203

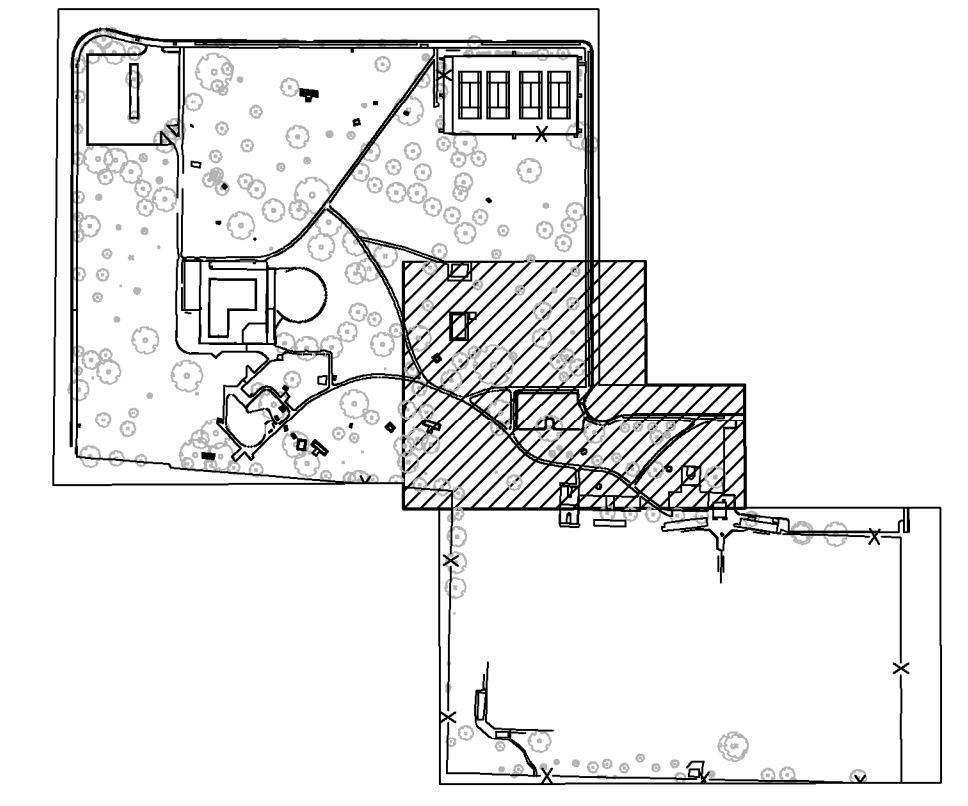


S. SAN JOAQUIN STREET
LIMIT OF WORK

E. 9TH STREET

LIMIT OF WORK

KEY MAP



File Path: P:\3451_C05_Ackley_Park_Improvement_Proposal_CAD\Drawn_VF18.dwg Per Date: 11/17/22 Drawn By: J. Johnson
Copyright © 2022 Calander Associates Architects Inc.

KJELSDEN SINNOCK NEUDECK
INC. CIVIL ENGINEERS & LAND SURVEYORS
711 N. Freshing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5800
www.kjshinc.com

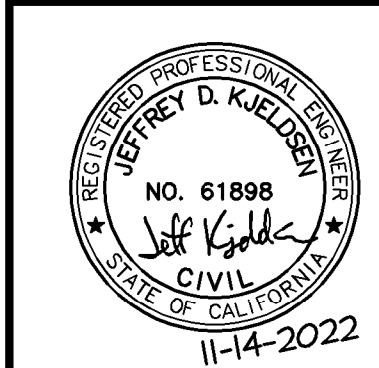
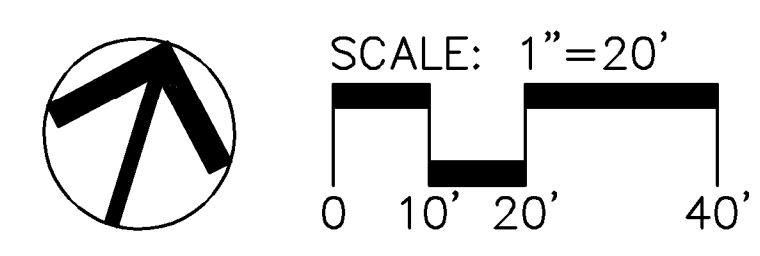
CONTACT 811 BEFORE YOU DIG
811
SAFE DIGGING ALERT

CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.calanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
EXISTING TOPO PLAN 4

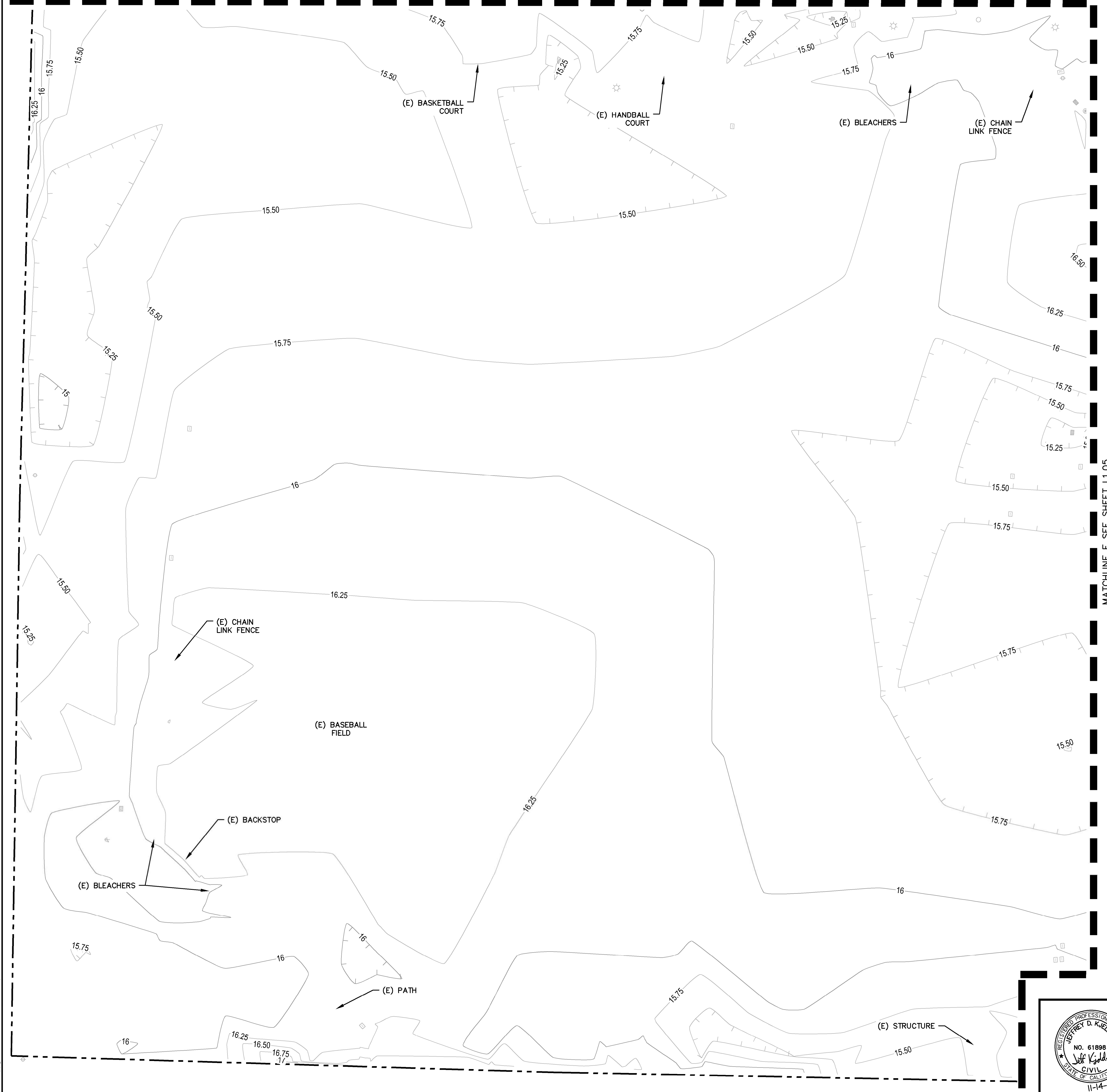
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO.
SCALE AS SHOWN	DESIGNED BY	JDK		VF204
DRAWN BY	PX			8 OF 162 SHTS
CHECKED BY	SKS			WR21017
RECORD DWGS.				PROJECT NO.

MATCHLINE E SEE SHEET VF205



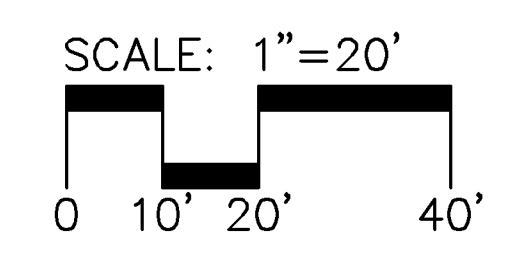
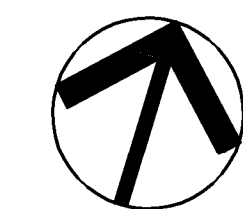
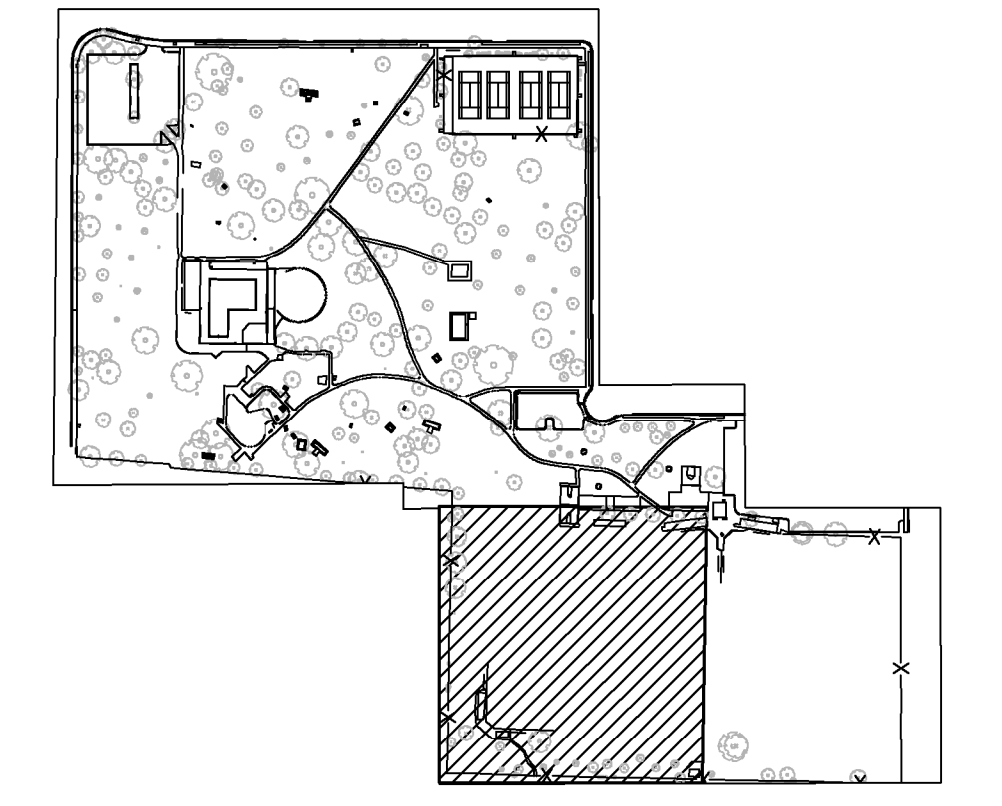
Revision No.	Description	Date	By	Aprvd. By

MATCHLINE E SEE SHEET VF204



MATCHLINE F SEE SHEET L1.05

KEY MAP



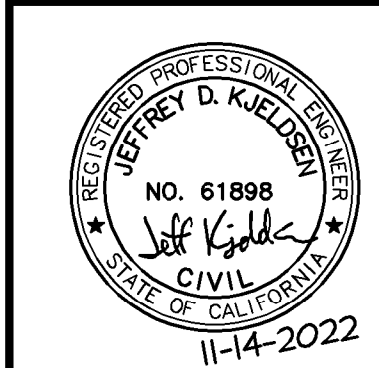
File Path: P:\3451_C05_Acknowledg_Park_Improvement_Proposal_CAD\Drawn_VF10.dwg Plot Date: 11/17/22 Saved By: jlipkman
 Copyright © 2022 Calander Associates Inc.

 KJELSDEN SINNOCK NEUDECK CIVIL ENGINEERS & LAND SURVEYORS www.ksninc.com	711 N. Pershing Avenue Stockton, CA 95203 209-946-0268	CONTACT 811 BEFORE YOU DIG SAFE DIGGING ALERT
	1550 Harbor Blvd., Suite 212 West Sacramento, CA 95691 916-403-5900	
 CALA	12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366 www.calanderassociates.com	NOVEMBER 14, 2022 CALA PROJECT NO. 21013

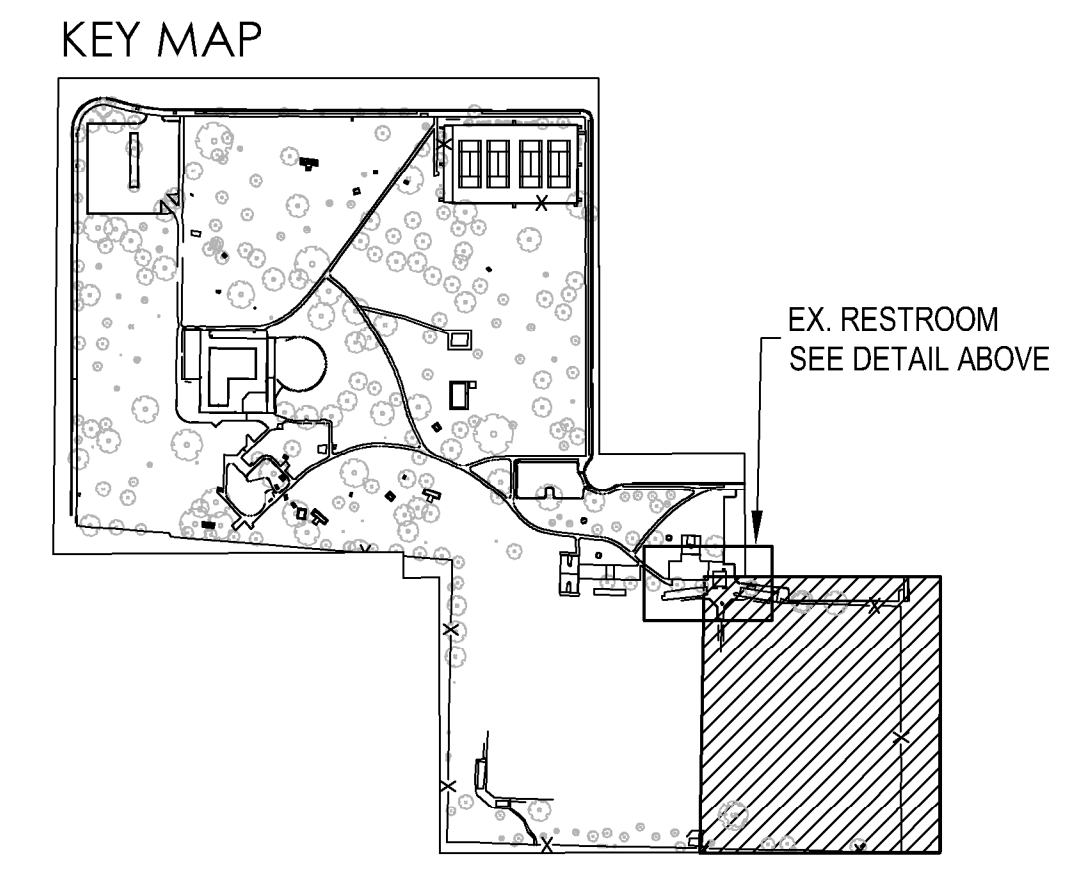
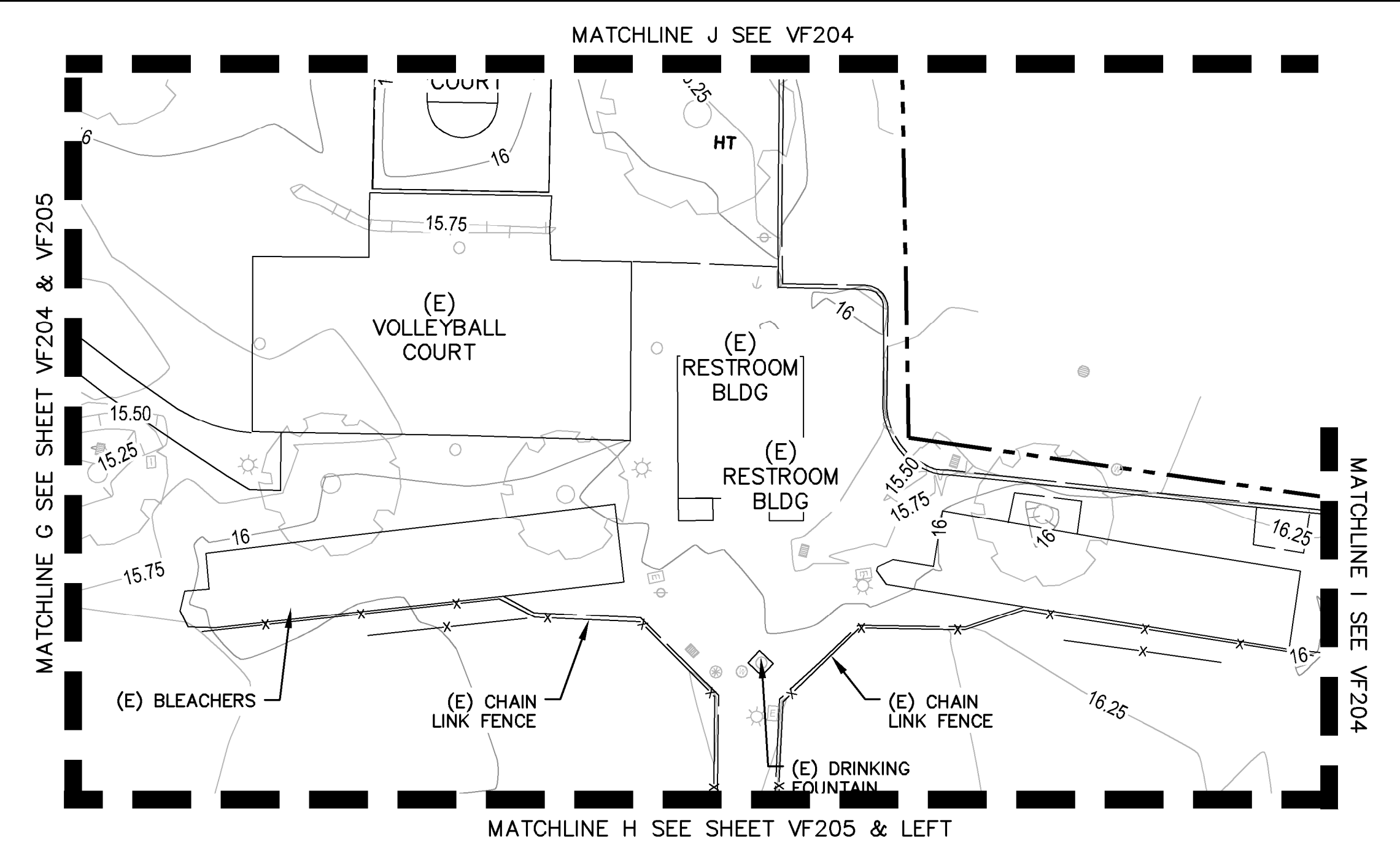
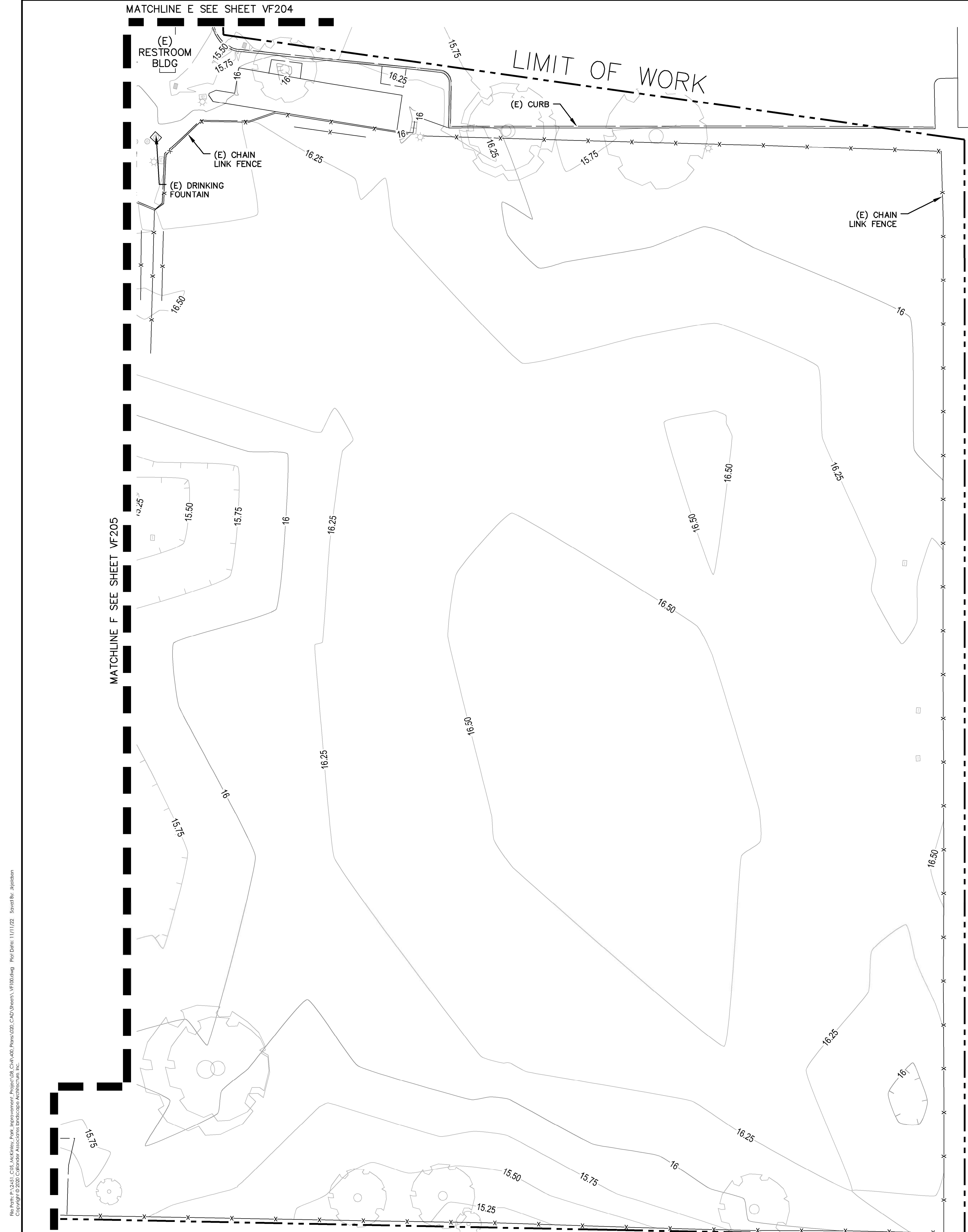
MCKINLEY PARK AND POOL RENOVATION
 EXISTING TOPO PLAN 5

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By

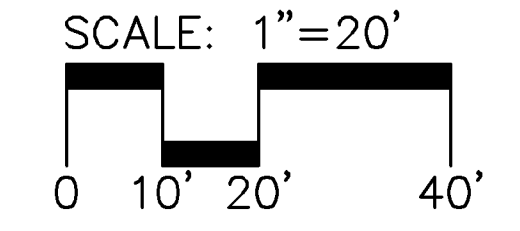
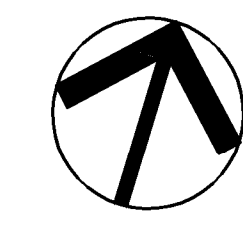


DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. VF205 9 OF 162 SHEETS
SCALE AS SHOWN DESIGNED BY: JDK DRAWN BY: PX CHECKED BY: SJS RECORD DWGS.	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.	



File Path: P:\3453_C05_Archival_Park_Improvement_Proposal_CAD\Drawn_VF206.dwg Per Date: 1/11/22 Drawn By: jlp/abm
 Copyright © 2022 Cadentia Associates Landscape Architecture, Inc.

LIMIT OF WORK



KJELSDEN SINNOCK NEUDECK
 INC. CIVIL ENGINEERS & LAND SURVEYORS
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 www.kjshinc.com

711 N. Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 www.kjshinc.com

811
 SAFE DIGGING ALERT
 CONTACT 811 BEFORE YOU DIG

CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.calanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

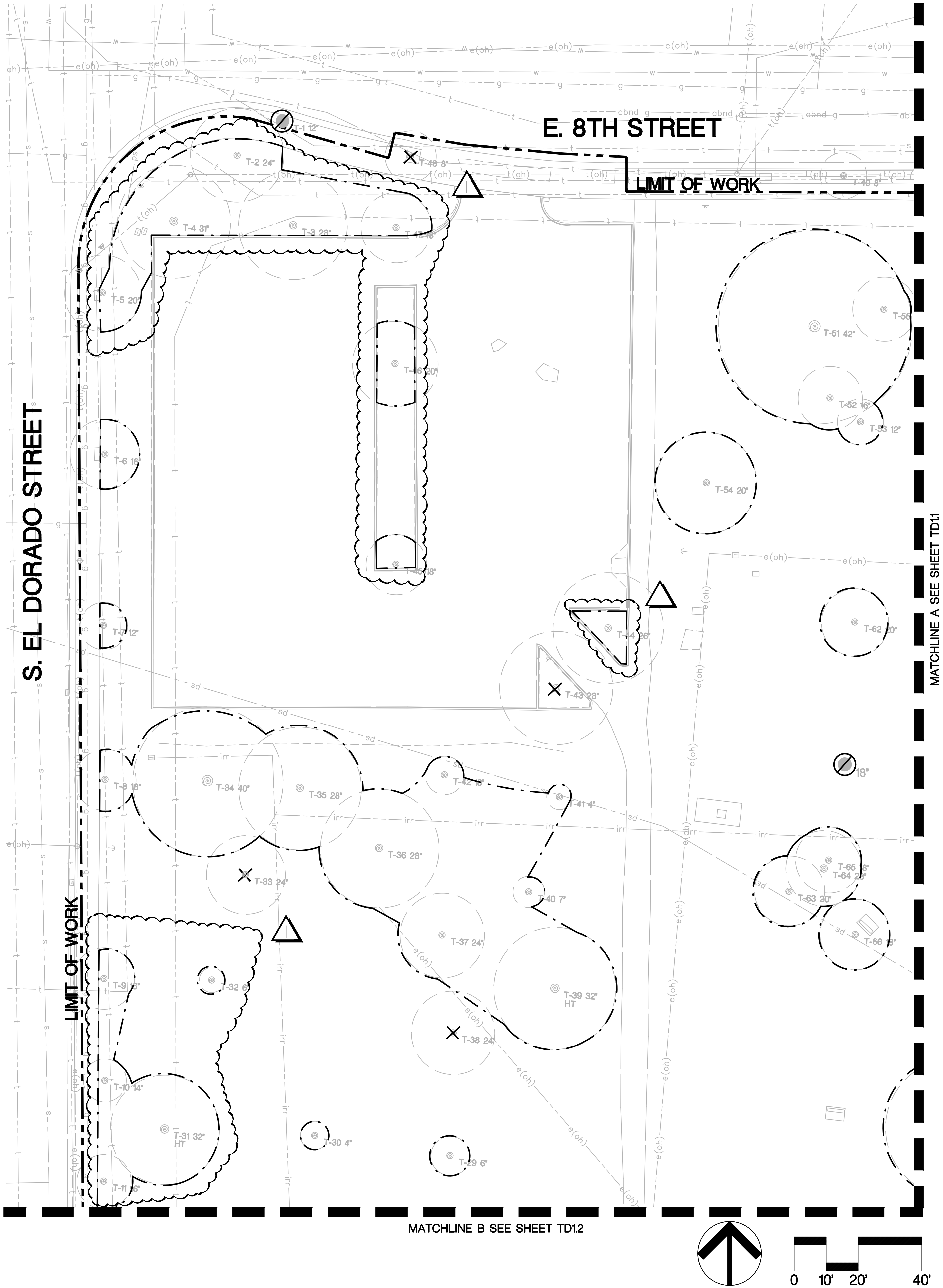
MCKINLEY PARK AND POOL RENOVATION
 EXISTING TOPO PLAN 6

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By



DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. VF206 10 OF 162 SHTS
SCALE AS SHOWN	DESIGNED BY JDK	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.
DRAWN BY PX	CHECKED BY SKS	RECORD DWGS.	



TREE PROTECTION NOTES

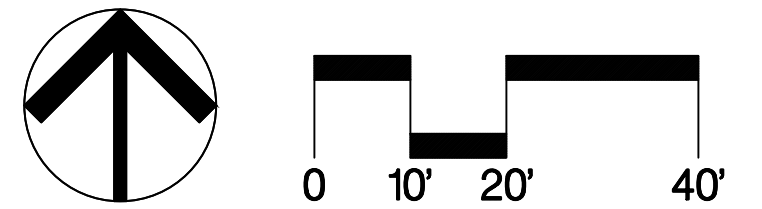
- GENERAL:** TREE PROTECTION SHALL COMPLY WITH THE SPECIFICATIONS AND WITH THE "ARBORIST REPORT FOR THE MCKINLEY PARK" PREPARED BY CALLANDER ASSOCIATES, DATED MAY 10, 2021.
- TREE PROTECTION ZONE:** THE TREE PROTECTION ZONE (TPZ) SHALL BE REGARDED AS THE AREA BENEATH A TREE'S CANOPY, OR EXTENDING FROM THE FACE OF THE TRUNK TO 10 TIMES THE TREE'S DIAMETER AT BREAST HEIGHT (DBH), WHICHEVER IS GREATER. THERE SHALL BE NO DUMPING, WASHING OUT, OR STORAGE OF EQUIPMENT OR MATERIALS WITHIN THE TPZ OF ANY TREE.
- TREE PROTECTION FENCING:** TREE PROTECTION ZONES SHALL BE FENCED ACCORDING TO THE "ARBORIST REPORT FOR THE MCKINLEY PARK" PREPARED BY CALLANDER ASSOCIATES, DATED MAY 10, 2021. FENCING SHALL BE ERECTED PRIOR TO ANY DEMOLITION OR CONSTRUCTION ON SITE. FENCING SHALL NOT BE REMOVED BEFORE PROJECT COMPLETION OR MODIFIED TO FACILITATE CONSTRUCTION ACTIVITIES WITHOUT PRIOR AUTHORIZATION FROM THE PROJECT CITY ARBORIST. FENCING MAY BE INSTALLED IN A SINGLE RUN AROUND MULTIPLE TREES.
- ADDITIONAL TREE PROTECTION REQUIREMENTS:** SEE SPECIFICATION SECTIONS 16 "DEMOLITION, CLEARING AND GRUBBING" AND 32 01 91 "TREE PROTECTION AND PRUNING" FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.

TREE DISPOSITION LEGEND

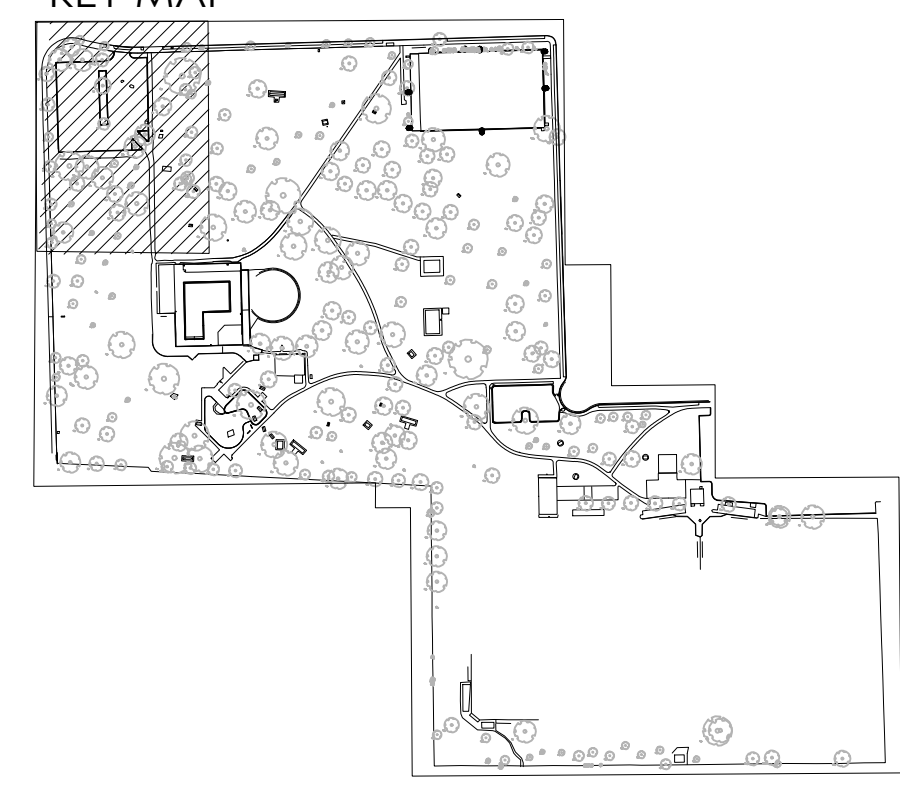
- (E) TREE TO BE REMOVED PER SECTION 16 OF SPECIFICATIONS. TREE REMOVAL WORK TO BE PERFORMED BY THE GREATER VALLEY CONSERVATION CORPS UNDER THE DIRECTION AND IN COORDINATION WITH THE GENERAL CONTRACTOR.
- EXISTING TREE TO REMAIN, PROTECT IN PLACE
DENOTES DIAMETER AT BREAST HEIGHT
DENOTES TREE NUMBER PER ARBORIST REPORT
- HERITAGE OAK TREE PER CITY OF STOCKTON MUNICIPAL CODE
- (E) STUMP TO BE GROUND DOWN, FOR BIDDING PURPOSES ASSUME TRUNK IS CUT WITHIN 30" OF GROUND LEVEL. STUMP GRINDING WORK TO BE PERFORMED BY THE GREATER VALLEY CONSERVATION CORPS UNDER THE DIRECTION AND IN COORDINATION WITH THE GENERAL CONTRACTOR.
DENOTES DIAMETER OF TREE STUMP
- TREE PROTECTION FENCING, SEE NOTE 3 ON THIS SHEET
- LIMIT OF WORK

MATCHLINE A SEE SHEET TD11

MATCHLINE B SEE SHEET TD12



KEY MAP



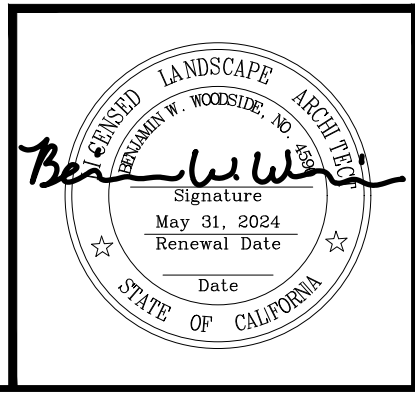
CALLANDER ASSOCIATES
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
TREE DISPOSITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY DCM	DATE	APPROVED BY:	DATE	TD1.0
DRAWN BY CM		CITY ENGINEER		11 OF 162 SHTS
CHECKED BY BW		STOCKTON, CALIFORNIA		WR21017
RECORD DWGS.				PROJECT NO.

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



SEE SHEET TD1.0 FOR TREE PROTECTION NOTES

File Path: \\projects\2021\21013_MckinleyParkRenovations\21013_TD.dwg Plot Date: 11/15/22 Saved By: hachmann Copyright © 2022 Callander Associates Landscape Architecture, Inc.

LIMIT OF WORK

E. 8TH STREET

LIMIT OF WORK

S. SAN JOAQUIN STREET

MATCHLINE A SEE SHEET TD10

MATCHLINE C SEE SHEET TD12

MATCHLINE E SEE SHEET TD12

MATCHLINE D SEE SHEET TD13

LIMIT OF WORK

PERMITTED HERITAGE OAK TREE REMOVAL

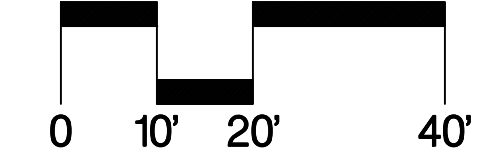
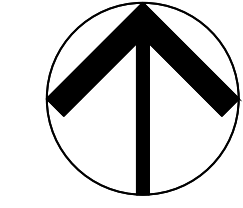
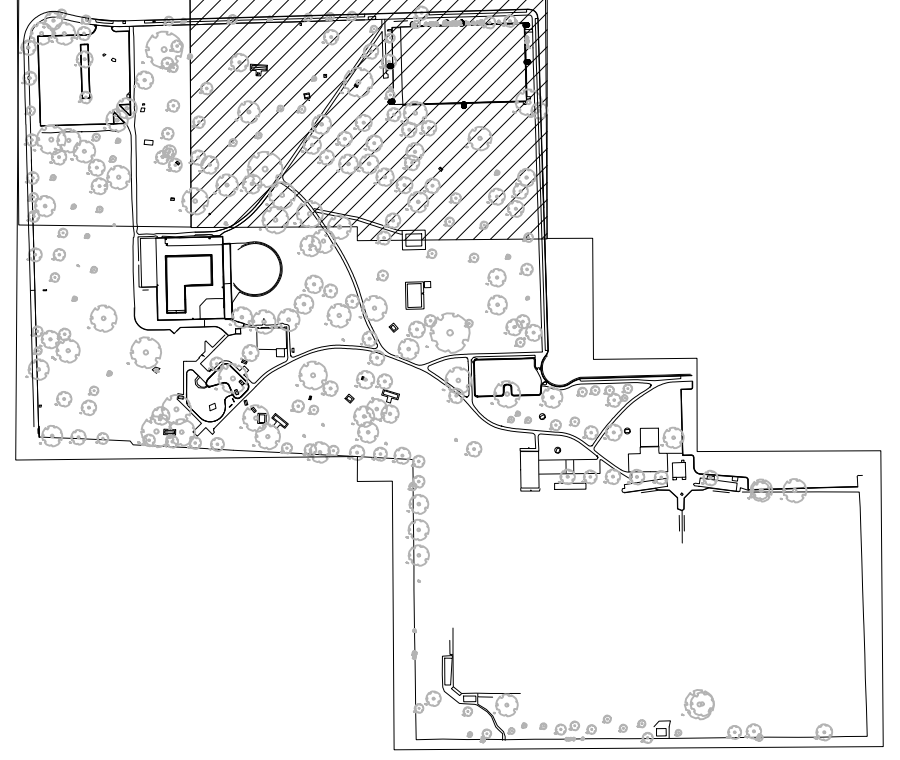
PERMITTED HERITAGE OAK TREE REMOVAL

PERMITTED HERITAGE OAK TREE REMOVAL

PERMITTED HERITAGE OAK TREE REMOVAL

PERMITTED HERITAGE OAK TREE REMOVAL

KEY MAP

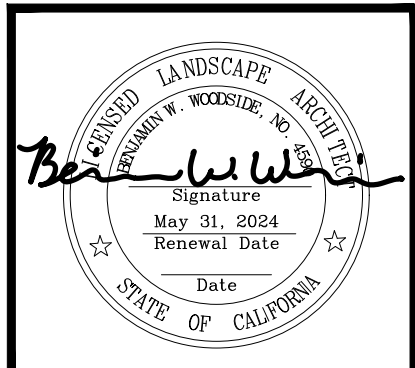


12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
TREE DISPOSITION

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



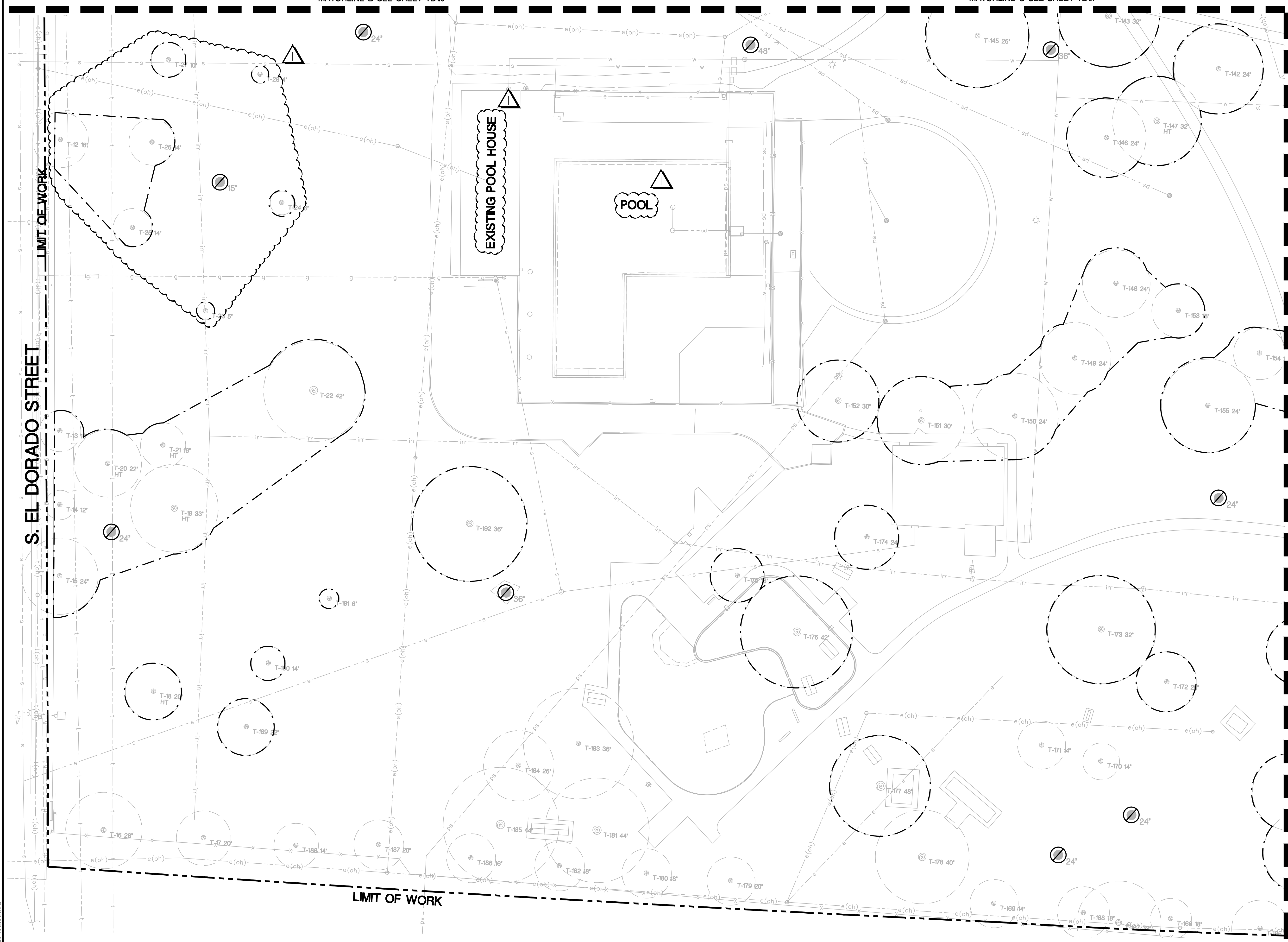
SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	TD1.1
DRAWN BY	CM		12 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

SEE SHEET TD1.0 FOR TREE PROTECTION NOTES

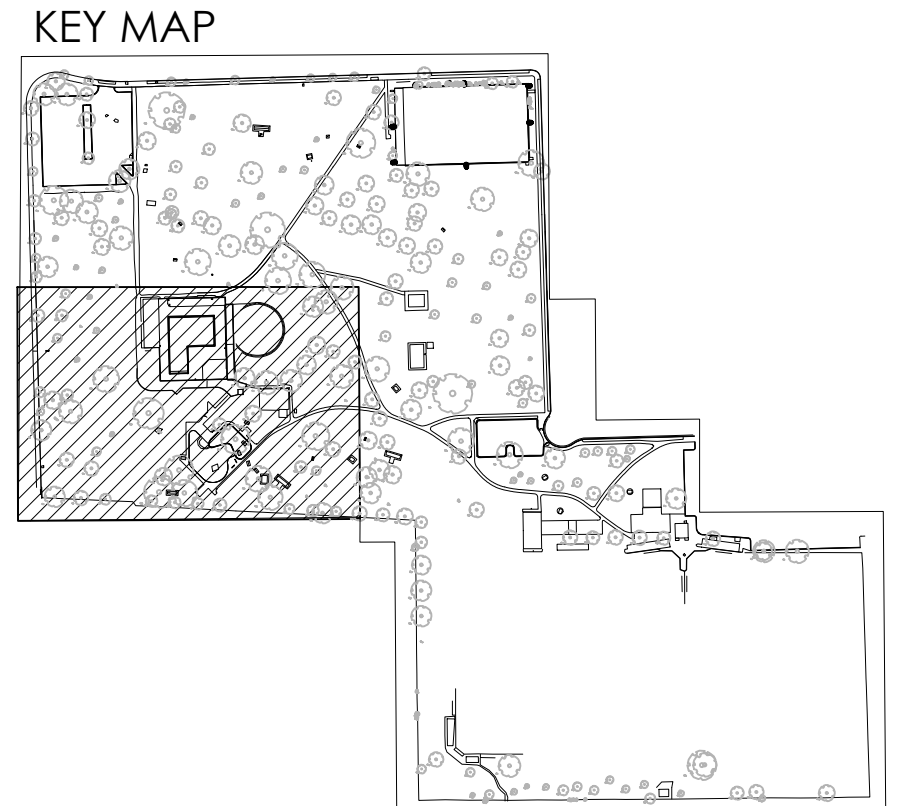
File Path: \\Project\2023\21013_MckinleyParkReno\Drawings\21013_TD1.dwg Plot Date: 11/14/22 Saved By: Anderson Copyright © 2022 Callander Associates Landscape Architecture, Inc.

MATCHLINE B SEE SHEET TD10

MATCHLINE C SEE SHEET TD11



MATCHLINE E SEE SHEET TD13

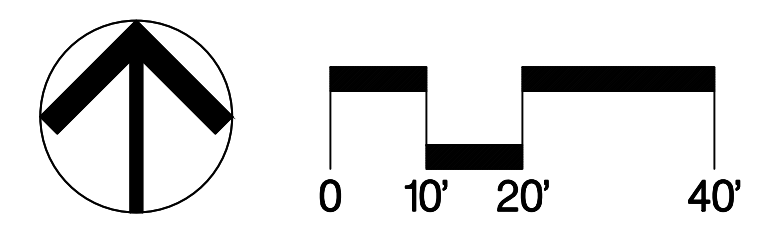



 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
TREE DISPOSITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	TD1.2
DRAWN BY	CM		13 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

SEE SHEET TD1.0 FOR TREE PROTECTION NOTES



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

File Path: \\Project\2021\21013_MckinleyParkRenovations\21013.TD10.dwg Plot Date: 11/15/22 Saved By: Anderson
 Copyright © 2020 Calandra Associates Landscape Architecture, Inc.

MATCHLINE D SEE SHEET TD11

MATCHLINE E SEE SHEET TD12

LIMIT OF WORK

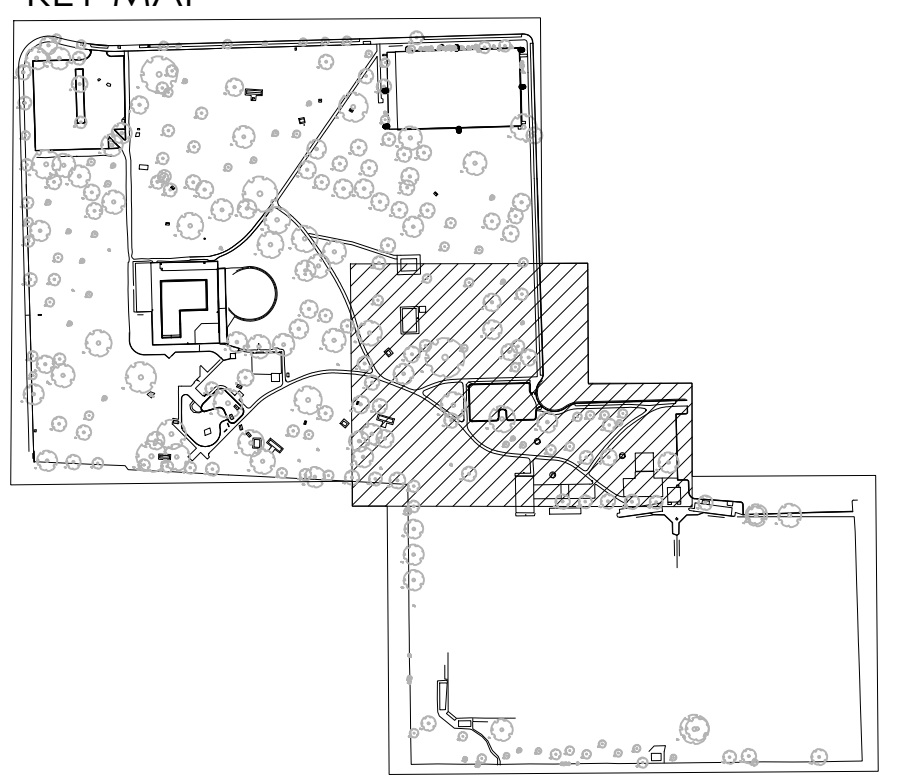
S. SAN JOAQUIN STREET

E. 9TH STREET

MATCHLINE H SEE SHEET TD15

MATCHLINE F SEE SHEET TD14

KEY MAP




 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

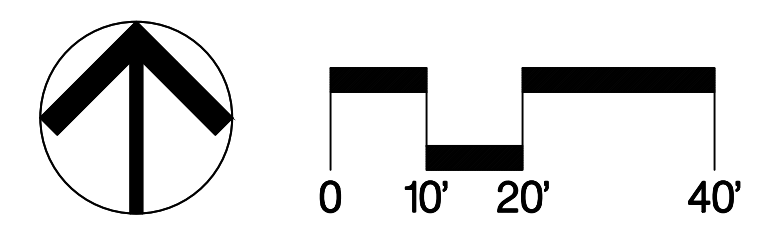
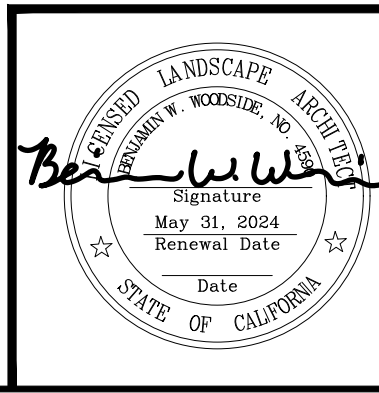
MCKINLEY PARK RENOVATIONS PROJECT
TREE DISPOSITION

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	TD1.3
DRAWN BY	CM		14 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



SEE SHEET TD1.0 FOR TREE PROTECTION NOTES

File Path: T:\Projects\2023\21013_MckinleyParkRenovations\A_ConstructionDocuments\21013_TD1.dwg Plot Date: 11/14/22 Saved By: Automation Copyright © 2023 Calandra Associates Landscape Architecture, Inc.

MATCHLINE F SEE SHEET TD13

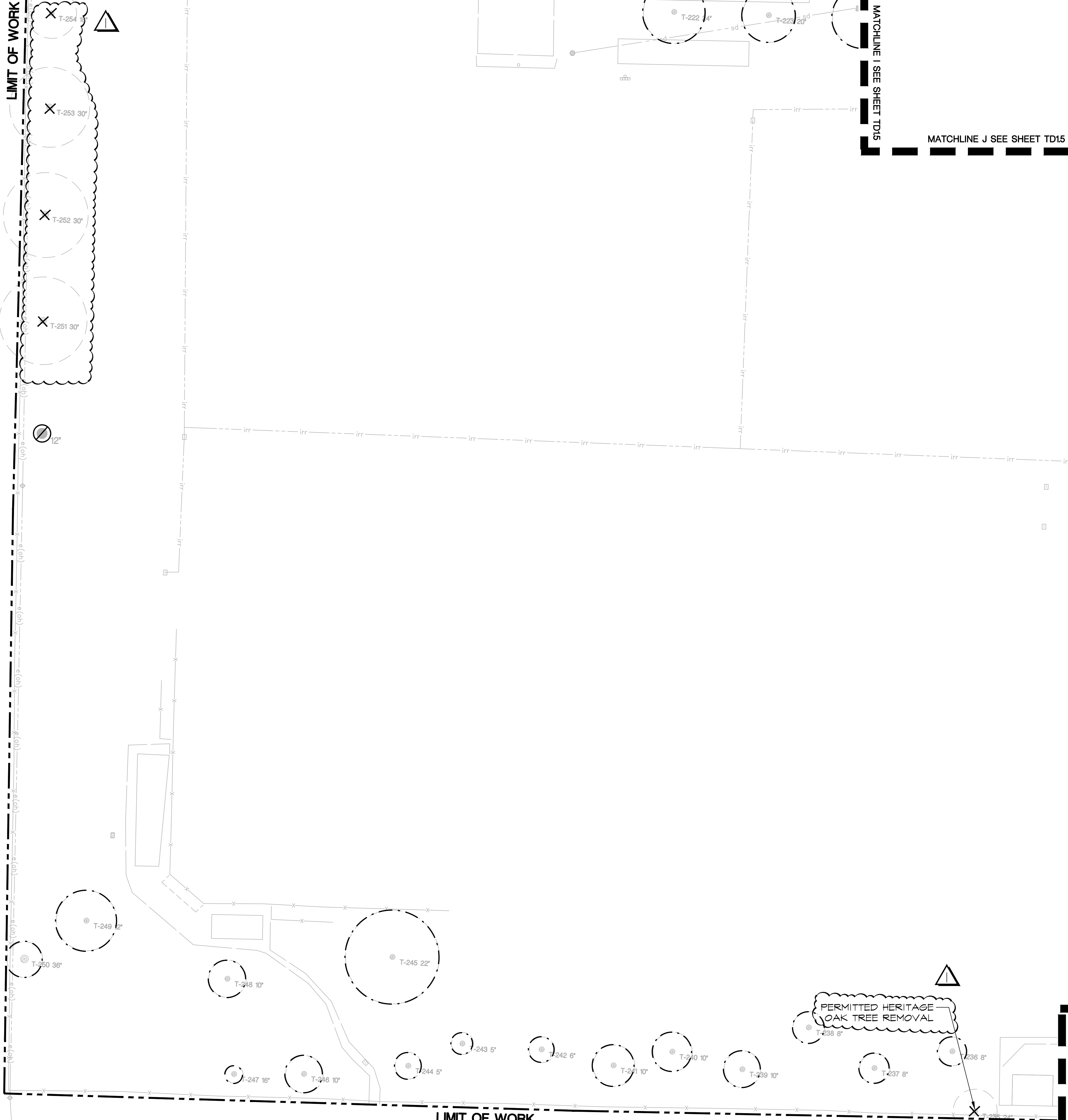
MATCHLINE I SEE SHEET TD15

MATCHLINE J SEE SHEET TD15

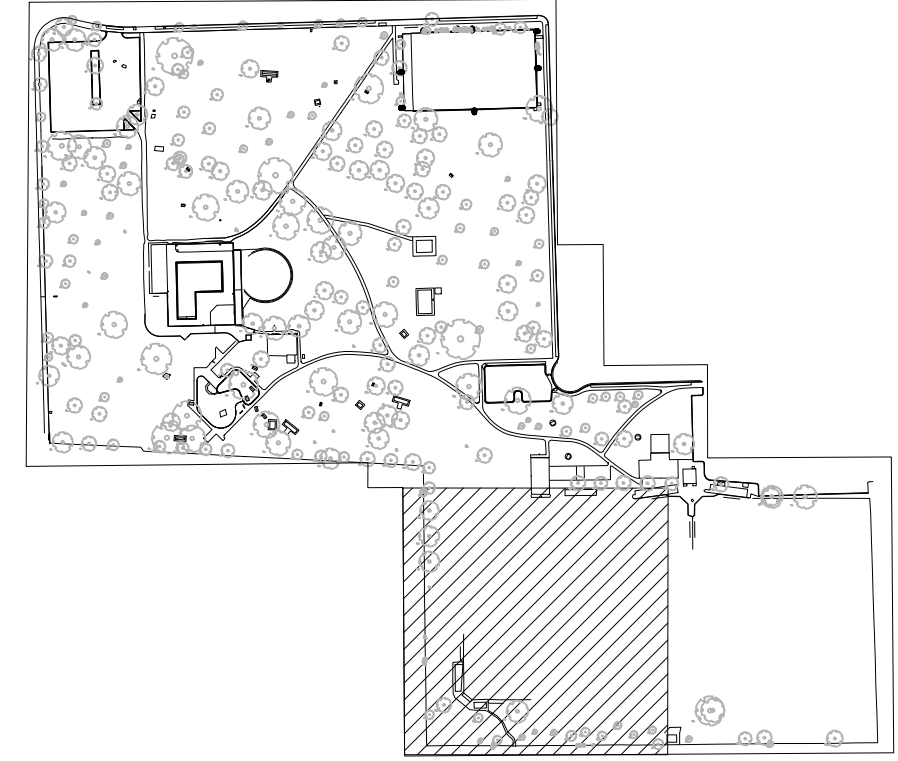
MATCHLINE M SEE SHEET TD15

LIMIT OF WORK

LIMIT OF WORK



KEY MAP



SEE SHEET TD1.0 FOR TREE PROTECTION NOTES

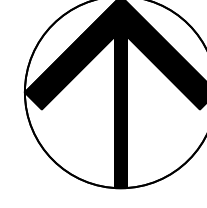
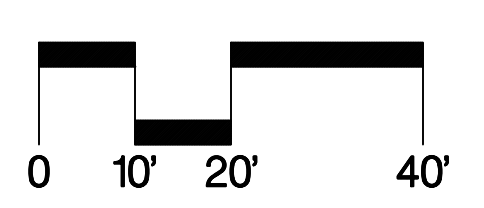
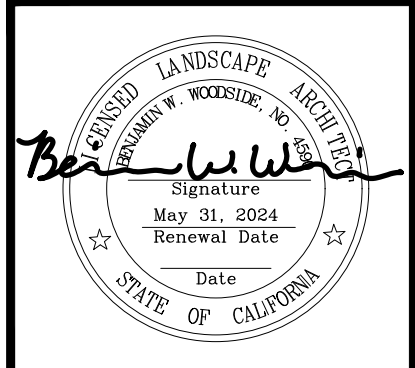



 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
 TREE DISPOSITION

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

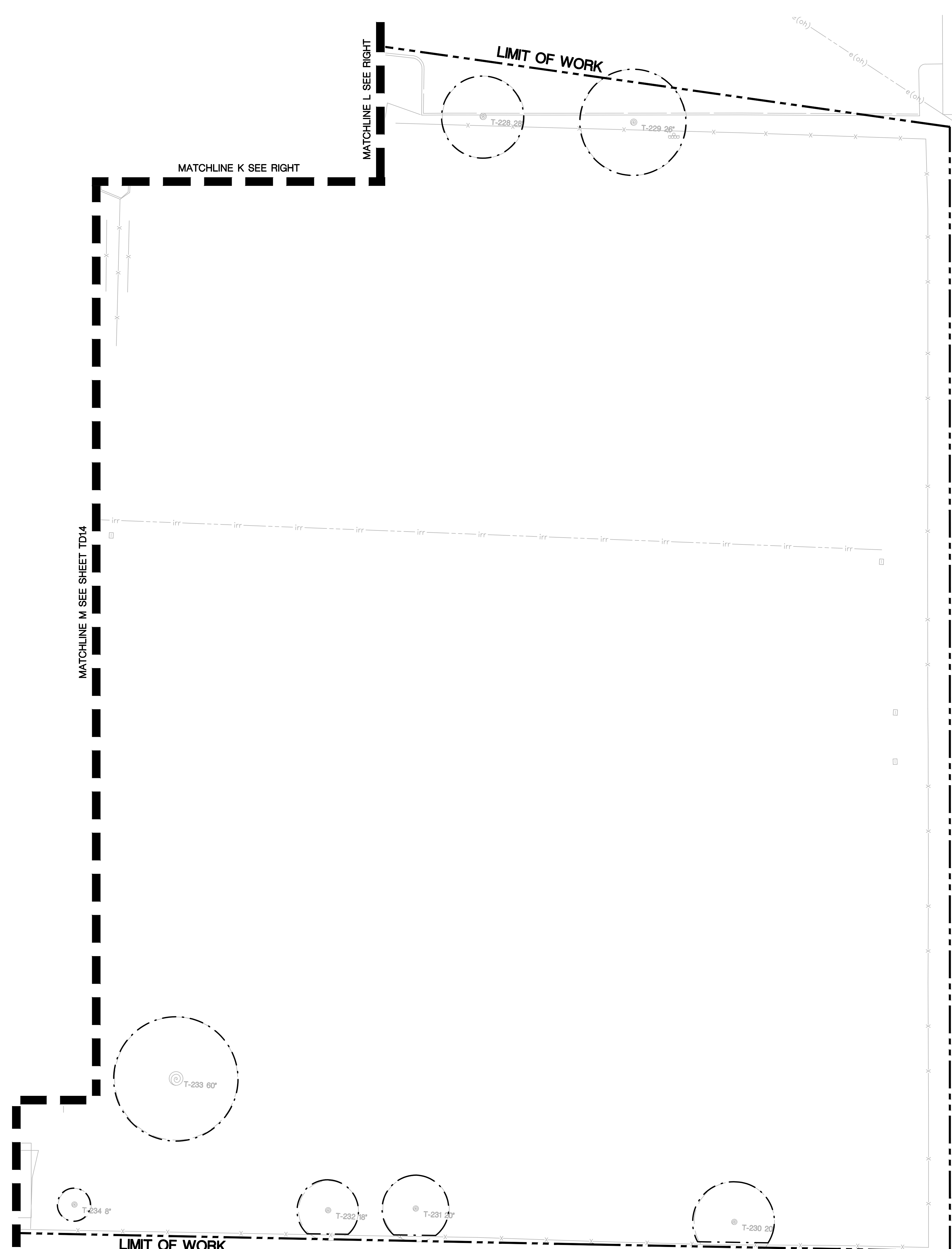
Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



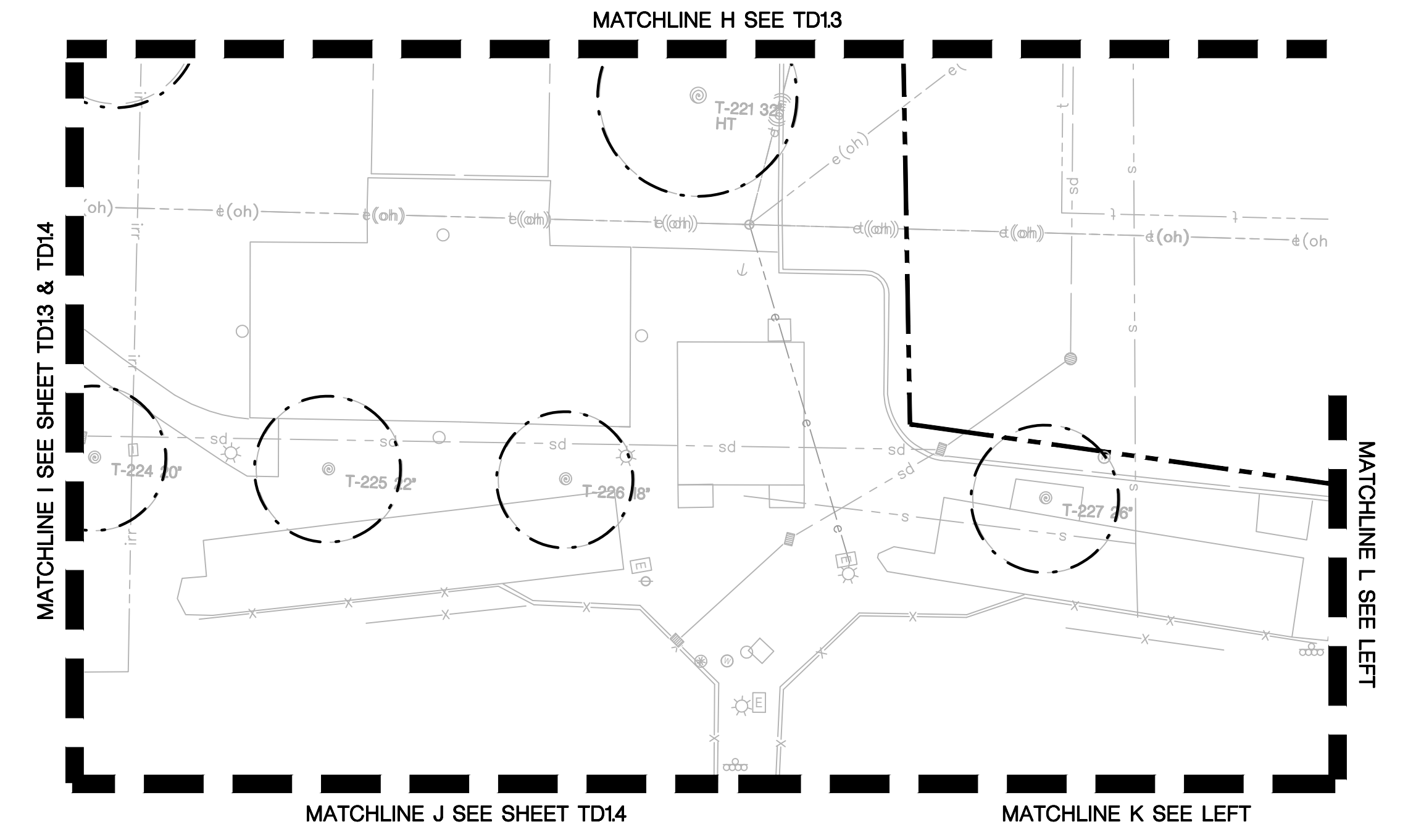
SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. TD 1.4
DESIGNED BY DCM		15 OF 162 SHTS
DRAWN BY CM		
CHECKED BY BW	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.
RECORD DWGS.		

File Path: \\proj\2021\21013_MckinleyParkRenovations\21013_T0.dwg Plot Date: 11/14/22 Saved By: Abalmon Copyright © 2020 Callander Associates Landscape Architecture, Inc.

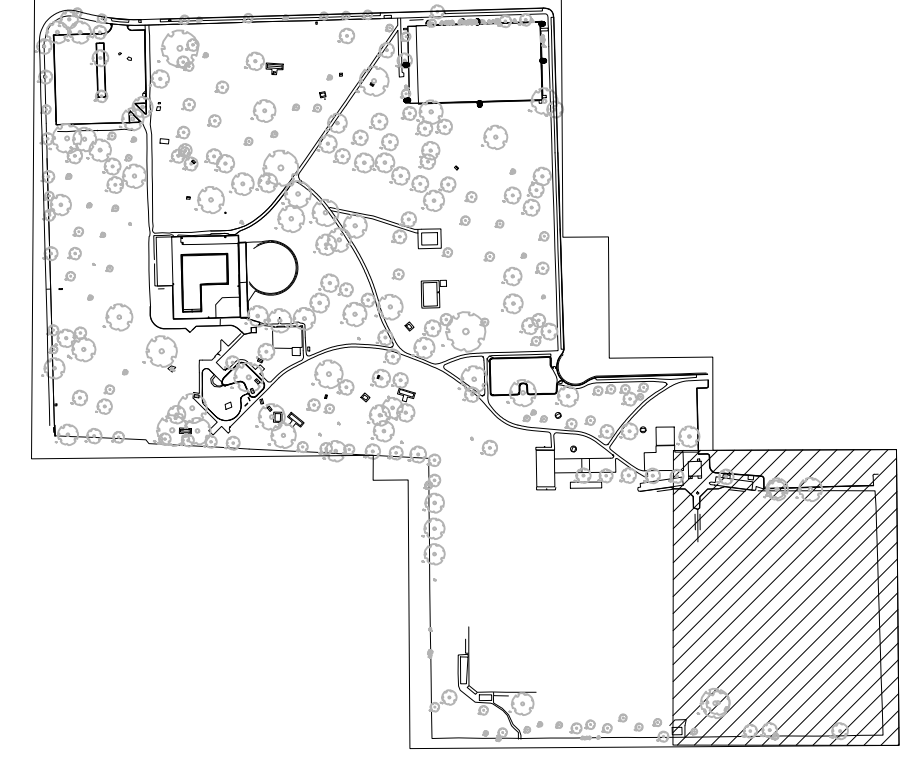
File Path: \\projects\2021\21013_MckinleyPark\Asst\p\working\3_ConstructionDocuments\21013.TD.dwg Plot Date: 11/14/22 Saved By: Abalmon Copyright © 2020 Callander Associates Landscape Architecture, Inc.



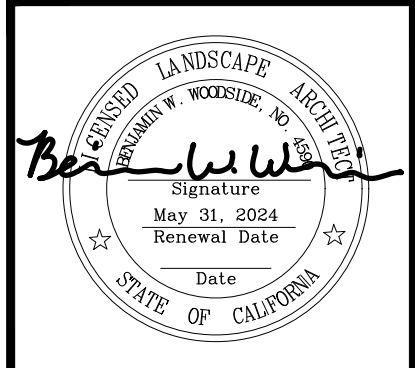
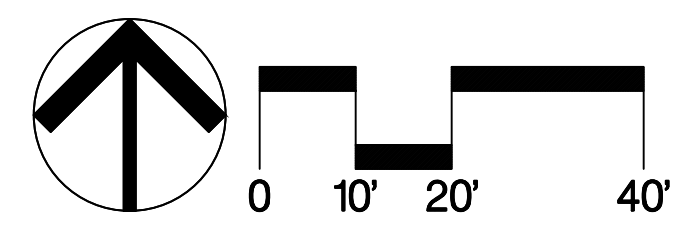
CALIFORNIA STREET



KEY MAP



SEE SHEET TD1.0 FOR TREE PROTECTION NOTES

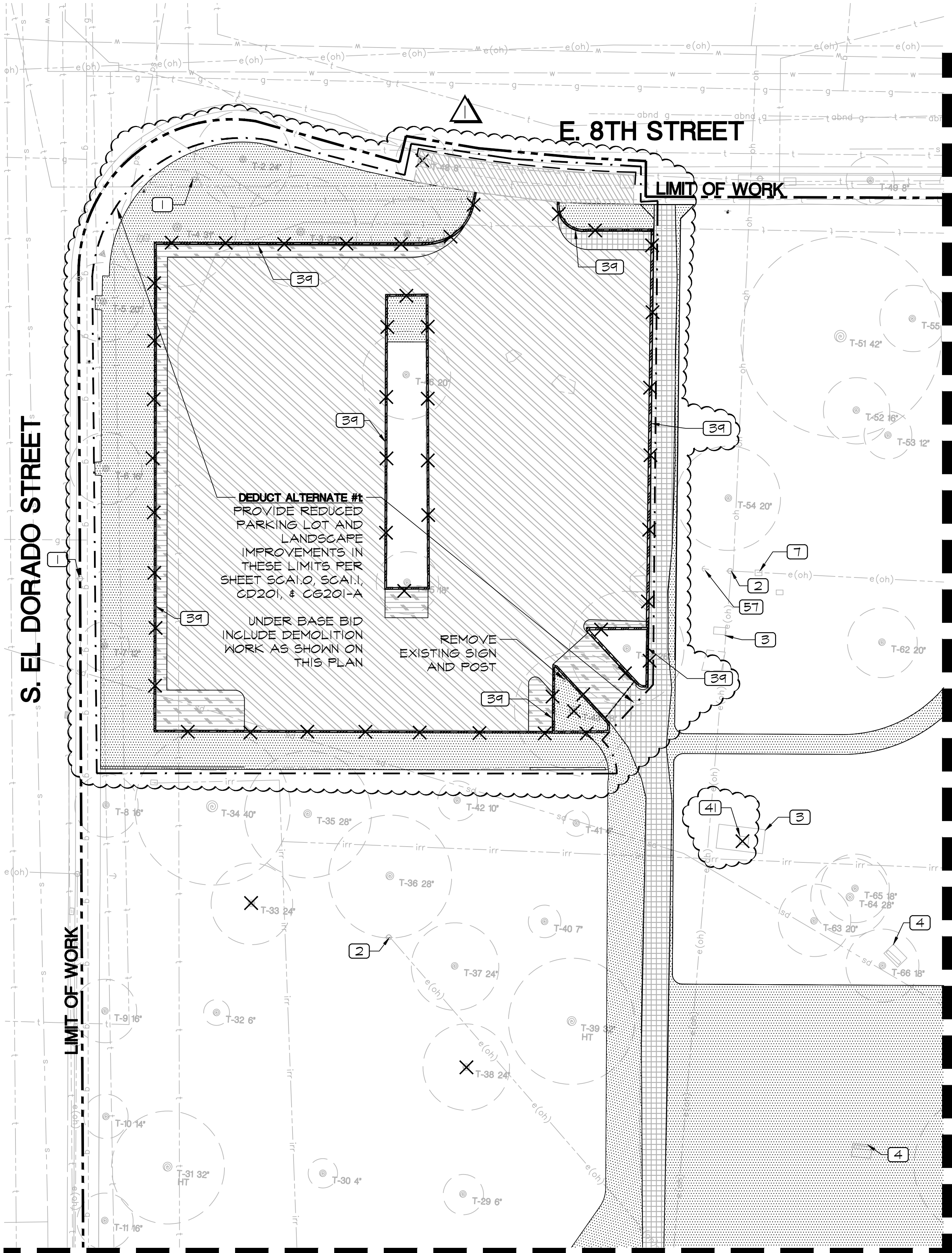


Revision No.	Description	Date	By	Aprvd. By


 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
TREE DISPOSITION

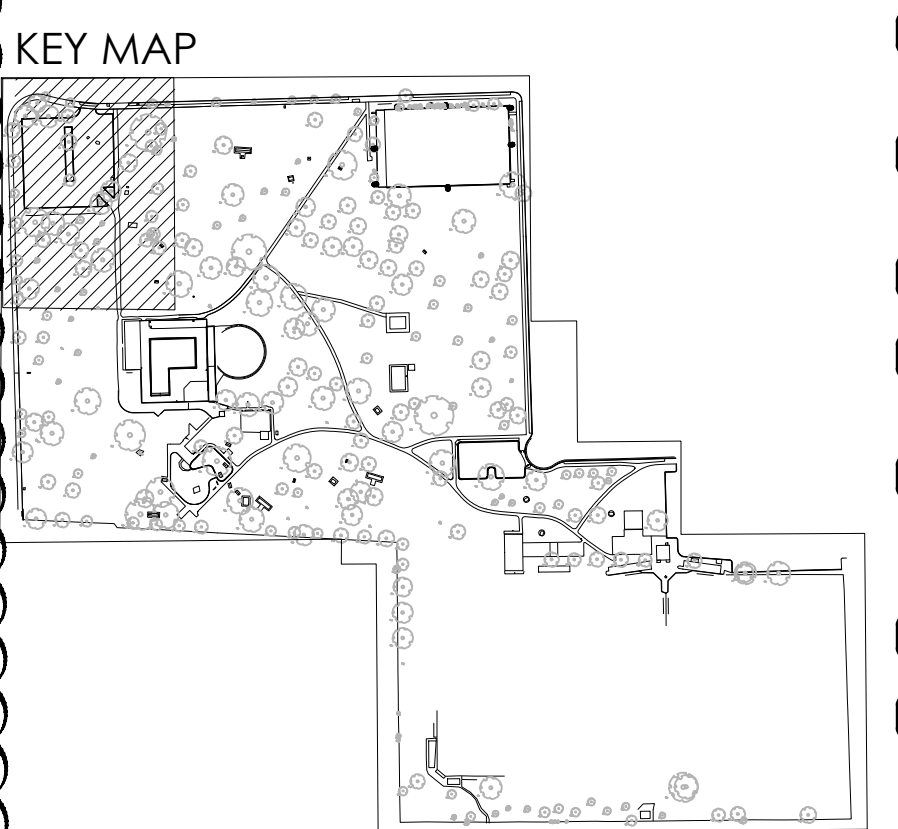
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. TD1.5 16 OF 162 SHTS
SCALE AS SHOWN	DESIGNED BY DCM	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.
DRAWN BY CM	CHECKED BY BW		
RECORD DWGS.			



- ### DEMOLITION KEY NOTES
- 1 UTILITY POLE TO REMAIN
 - 2 REMOVE OR RELOCATE UTILITY POLE (SEE ELECTRICAL PLANS EI.00-EI.06)
 - 3 CONCRETE PAD TO REMAIN
 - 4 BENCH AND CONCRETE PAD TO REMAIN
 - 5 REMOVE AND DISPOSE OF BENCH AND CONCRETE PAD
 - 6 REMOVE AND DISPOSE OF CONCRETE PICNIC TABLE AND CONCRETE PAD
 - 7 REMOVE AND DISPOSE OF BBQ, FOOTING, AND PAD
 - 8 REMOVE AND DISPOSE OF DRINKING FOUNTAIN, FOUNDATION AND CONCRETE PAD (SEE CIVIL PLANS FOR REMOVAL OF ASSOCIATED UTILITY LINES)
 - 9 REMOVE AND DISPOSE OF CONCRETE PICNIC TABLE AND CONCRETE PAD
 - 10 CONCRETE PICNIC TABLE AND CONCRETE PAD TO REMAIN
 - 11 CONCRETE PAVEMENT TO REMAIN
 - 12 LIGHT POLE AND CONCRETE PAD TO REMAIN (SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION)
 - 13 REMOVE AND DISPOSE OF METAL BLEACHERS
 - 14 REMOVE AND DISPOSE OF CONCRETE BENCH
 - 15 REMOVE AND DISPOSE OF EXISTING 12FT CHAIN LINK FENCE FABRIC AND CUT EXISTING FENCE POSTS TO 6FT ABOVE FINISH GRADE.
 - 16 REMOVE AND DISPOSE OF TENNIS COURT NET, NET POSTS, FOUNDATIONS
 - 17 REMOVE AND DISPOSE OF TENNIS COURT TURNSTILE/GATE
 - 18 ELECTRICAL BOX TO REMAIN
 - 19 REMOVE AND DISPOSE OF CONCRETE STAND PIPE PER CIVIL PLANS
 - 20 REMOVE AND DISPOSE OF CONCRETE HOSEBIB/RECEPTACLE BOLLARD
 - 21 DEMOLISH, REMOVE AND DISPOSE OF POOL HOUSE BUILDING AND ALL ASSOCIATED COMPONENTS, FOUNDATION, AND FIXTURES IN THEIR ENTIRETY (SEE CIVIL AND ELECTRICAL PLANS FOR REMOVAL AND RE-ROUTING OF EXISTING UTILITIES). SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS RELATED TO THE REMOVAL OF STRUCTURES.
 - 22 REMOVE AND DISPOSE OF 8FT CHAIN LINK FENCE, FENCE GATES, INCLUDING POSTS, FOOTINGS, FABRIC AND HARDWARE
 - 23 REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE. CUT POSTS FLUSH WITH TOP OF WALL AND FILL REMAINING POST OPENING WITH NON-SHRINK GROUT
 - 24 IRRIGATION PUMP BUILDING AND ASSOCIATED EQUIPMENT TO REMAIN. PROTECT IN PLACE.
 - 25 CONCRETE CURB TO REMAIN
 - 26 SPORTS COURT AND EQUIPMENT TO REMAIN
 - 27 REMOVE AND DISPOSE OF METAL POST AND FOOTING
 - 28 REMOVE, STORE AND PROTECT, AND REPLACE BIKE RACK PER SITE CONSTRUCTION PLAN
 - 29 DEMOLISH, REMOVE, AND DISPOSE OF RESTROOM BUILDING AND ALL ASSOCIATED COMPONENTS, FOUNDATION, AND FIXTURES IN THEIR ENTIRETY (SEE CIVIL AND ELECTRICAL PLANS FOR REMOVAL AND RE-ROUTING OF EXISTING UTILITIES). SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS RELATED TO THE REMOVAL OF STRUCTURES.
 - 30 REMOVE AND DISPOSE OF CONCRETE BLEACHERS
 - 31 SAWCUT CLEAN EDGE AT POOL DECK AFTER REMOVAL OF POOL HOUSE BUILDING
 - 32 REMOVE AND DISPOSE OF 18FT. CHAIN LINK FENCE INCLUDING POSTS, FOOTINGS, FABRIC, AND HARDWARE
 - 33 REMOVE AND DISPOSE OF BACKSTOP
 - 34 CUT POST FLUSH WITH PAVEMENT AND FILL WITH GROUT
 - 35 REMOVE AND DISPOSE OF PLAYER'S BENCH
 - 36 CHAIN LINK FENCE TO REMAIN
 - 37 LIGHT POLE TO REMAIN
 - 38 REMOVE OR RELOCATE LIGHT POLE (SEE ELECTRICAL PLANS EI.00-EI.06)
 - 39 REMOVE AND DISPOSE OF CONCRETE CURB
 - 40 EXISTING GAS LINE STUB. COORDINATE WITH PG&E TO CONFIRM DEACTIVATION OF SERVICE PRIOR TO BUILDING DEMOLITION. CAP EXISTING LINE 12" BELOW FINISH GRADE. ABANDON EXISTING LINE IN PLACE.
 - 41 REMOVE AND DISPOSE OF CONCRETE BOX
 - 42 REMOVE AND DISPOSE OF EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT FROM BASEMENT MECHANICAL ROOM. SEE DETAIL 1/SC1.7
 - 43 REMOVE AND DISPOSE OF BASKETBALL POST
 - 44 REMOVE AND REPLACE 5' CHAIN LINK FENCE POSTS, FOOTINGS, FABRIC, RAILINGS, AND HARDWARE WITH NEW.
 - 45 REMOVE AND REPLACE 5' FENCE POSTS WITH NEW.
 - 46 REMOVE AND REPLACE 5' CHAIN LINK FENCE FABRIC, RAILS, AND FITTINGS WITH NEW.
 - 47 REMOVE AND REPLACE 3' CHAIN LINK FENCE POSTS, FOOTINGS, FABRIC, AND HARDWARE WITH NEW.
 - 48 REMOVE AND REPLACE 3' FABRIC, RAILS, FITTINGS WITH NEW.
 - 49 MCKINLEY PARK SIGN TO BE RELOCATED PER SITE CONSTRUCTION PLANS. REPAIR DISTURBED AREA WITH TURF FROM SOD.
 - 50 REMOVE EXISTING DOUBLE CHECK VALVE BACKFLOW PREVENTER AND VAULT. BACKFILL AND COMPACT VOID CREATED BY REMOVAL. SEE CIVIL PLANS FOR INSTALLATION OF NEW BACKFLOW PREVENTER.
 - 51 REMOVE AND DISPOSE OF 2'X2' CONCRETE PAD AND POST
 - 52 REMOVE AND DISPOSE OF EXISTING 12FT. CHAIN LINK FENCE FABRIC, FITTINGS, AND RAIL.
 - 53 ELECTRICAL LIGHTING CONTROL ENCLOSURE TO BE REMOVED AND REPLACED PER ELECTRICAL PLANS EI.00-EI.06
 - 54 REMOVE AND DISPOSE OF 3" CONCRETE BLOCK BORDER
 - 55 REMOVE AND DISPOSE OF SPORTS LIGHT POLE PER ELECTRICAL PLANS (EI.04-EI.06)
 - 56 EXISTING GUY WIRE TO REMAIN
 - 57 REMOVE AND DISPOSE OF EXISTING GUY WIRE
 - 58 REMOVE AND DISPOSE OF PUSH BUTTON STATION AT GATE PER ELECTRICAL SHEET EI.1
 - 59 REMOVE AND DISPOSE OF EXISTING METER
 - 60 REMOVE AND DISPOSE OF EXISTING BIKE RACK

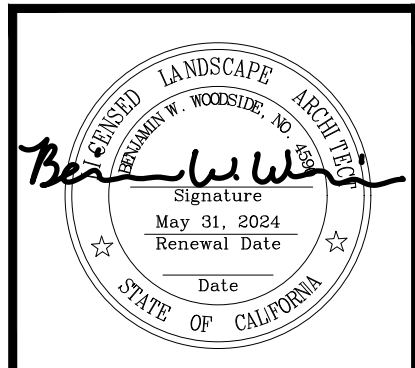
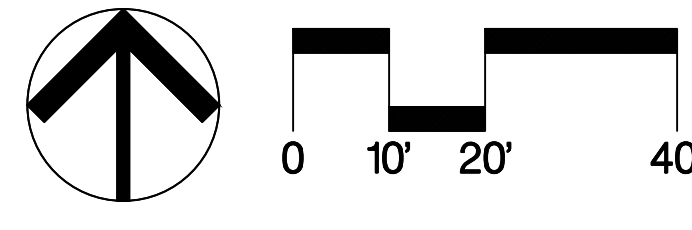
DEMOLITION LEGEND

- CLEAR AND GRUB PER SPECS AND REMOVE ALL VISIBLE IRRIGATION EQUIPMENT AND ANY BELOW-GRADE COMPONENTS THAT WOULD INTERFERE WITH THE WORK, UNLESS OTHERWISE INDICATED ON THESE PLANS. CONTRACTOR SHALL CLEAR AND GRUB ALL EXISTING VEGETATION, AS REQUIRED FOR THE SITE CONSTRUCTION, IRRIGATION, AND PLANTING OPERATIONS
- REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT AND BASE. ASSUME 4-INCH CONCRETE OVER 4-INCH AGGREGATE BASE FOR 8-INCH AVERAGE DEPTH TOTAL
- REMOVE AND DISPOSE OF EXISTING CONCRETE AND ASPHALT PAVEMENT. ASSUME 6-INCH DEPTH CONCRETE OVER 3-INCH DEPTH ASPHALT
- REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT AND BASE. ASSUME 2-INCH DEPTH ASPHALT CONCRETE OVER 5-INCH AGGREGATE BASE
- REMOVE AND DISPOSE OF EXISTING INFIELD MIX, ASSUME 6-INCH DEPTH
- REMOVE AND DISPOSE OF EXISTING ASPHALT CONCRETE. ASSUME 4-INCH DEPTH. RE-GRADE AND RE-COMPACT EXISTING AGGREGATE BASE (AB) PER CIVIL PLANS. IMPORT AB AS REQUIRED TO ACHIEVE FINAL GRADES.
- REMOVE AND DISPOSE OF EXISTING PARKING LOT ASPHALT PAVEMENT AND BASE. ASSUME 4-INCH ASPHALT CONCRETE OVER 5-INCH AGGREGATE BASE.
- REMOVE AND DISPOSE OF ITEM
- (EX) TREE TO BE REMOVED PER TREE DISPOSITION PLANS
- EXISTING TREE- SEE TREE DISPOSITION PLAN SHEETS TD1.0-1.5 AND SPECIFICATIONS FOR TREE PROTECTION REQUIREMENTS DENOTES DIAMETER AT BREAST HEIGHT DENOTES TREE NUMBER PER ARBORIST REPORT
- HERITAGE TREE PER CITY OF STOCKTON MUNICIPAL CODE
- SAWCUT, SEE DEMOLITION NOTE #5
- LIMIT OF WORK



DEMOLITION NOTES

1. CONTRACTOR SHALL REVIEW DEMOLITION, AND CLEARING AND GRUBBING REQUIREMENTS ON SITE WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCING DEMOLITION OPERATIONS.
2. IRRIGATION EQUIPMENT: SEE IRRIGATION DEMOLITION PLAN ID1.0-ID1.5 FOR DISPOSITION OF EXISTING IRRIGATION PIPING AND EQUIPMENT.
3. SAWCUTTING: ALL PAVEMENT AND CURB REMOVAL AS SHOWN ON THE PLAN SHALL BE ACCOMPLISHED BY SAWCUTS MADE AT THE NEAREST CONTROL JOINT.
4. REFER TO SPECIFICATIONS APPENDIX B "ASBESTOS AND LEAD-CONTAINING PAINT SURVEY REPORT" FOR INFORMATION REGARDING PRESENCE OF ASBESTOS AND LEAD-CONTAINING PAINT WITHIN THE PROJECT WORK AREA.
5. ALL EXISTING UNUSED UTILITY LINES OR PIPES BENEATH THE CANOPIES OF PROTECTED TREES SHALL BE ABANDONED OR CUT OFF 6" BELOW FINISHED SOIL GRADE.



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.calanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

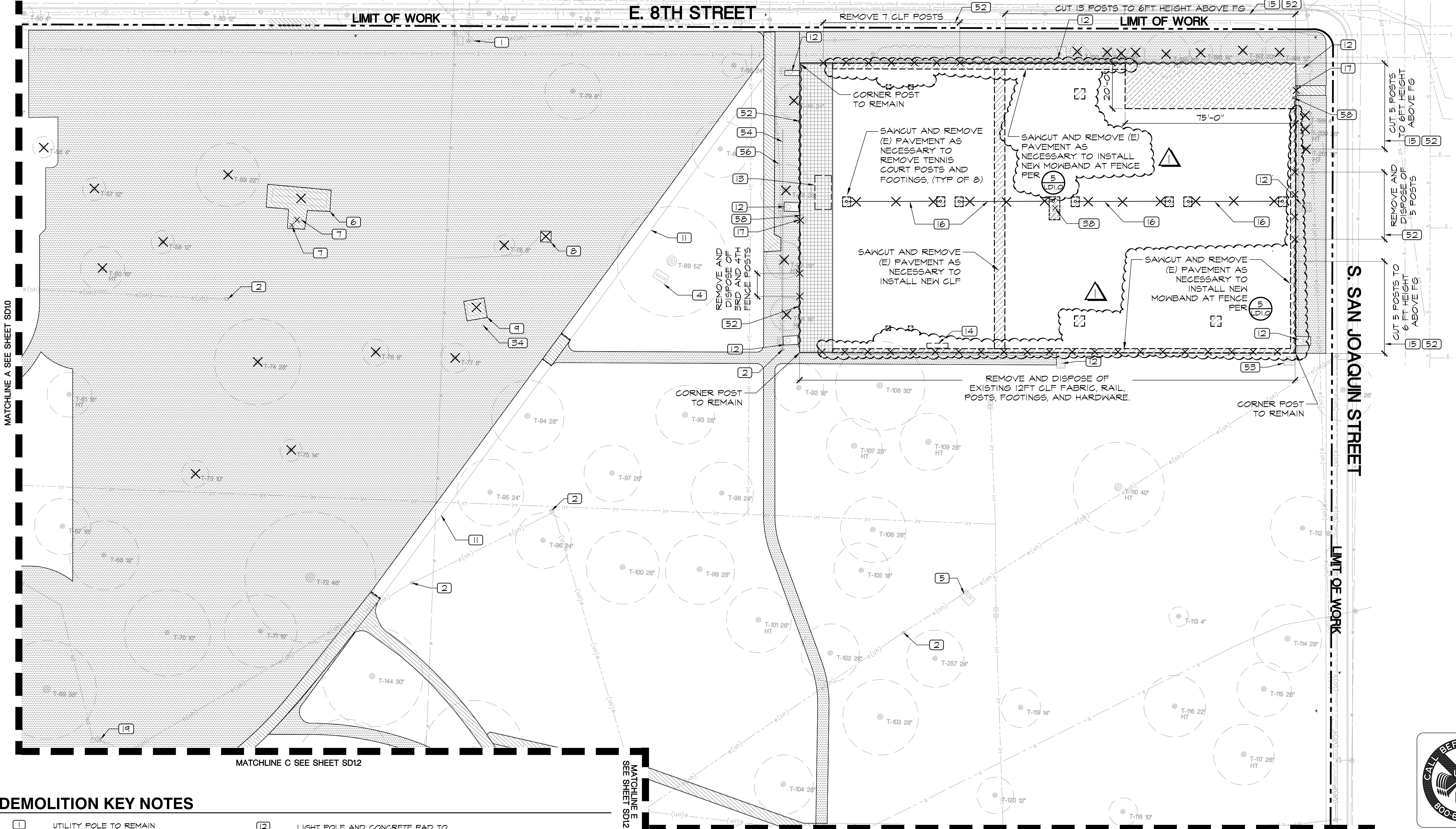
MCKINLEY PARK RENOVATIONS PROJECT

SITE DEMOLITION

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	SD1.0
DRAWN BY	CM		17 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

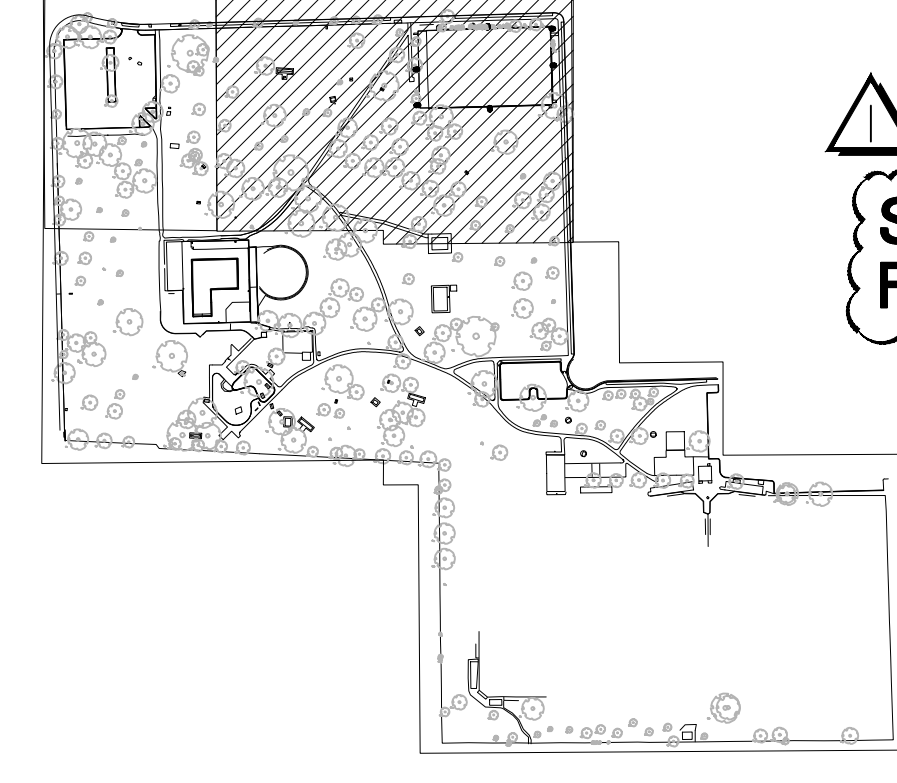
File Path: \\projects\2023\21013_MckinleyParkRenovations\3_Civil\Demolition\SD1.0_SitePlan.dwg Plot Date: 11/14/22 Scale: 1/8"=1'-0"



DEMOLITION KEY NOTES

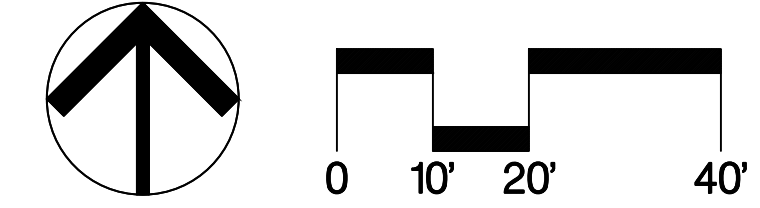
- | | | |
|--|---|--|
| <p>1 UTILITY POLE TO REMAIN</p> <p>2 REMOVE OR RELOCATE UTILITY POLE (SEE ELECTRICAL PLANS E1.00-E1.06)</p> <p>4 BENCH AND CONCRETE PAD TO REMAIN</p> <p>5 REMOVE AND DISPOSE OF BENCH AND CONCRETE PAD</p> <p>6 REMOVE AND DISPOSE OF CONCRETE PICNIC TABLE AND CONCRETE PAD</p> <p>7 REMOVE AND DISPOSE OF BBQ, FOOTING, AND PAD</p> <p>8 REMOVE AND DISPOSE OF DRINKING FOUNTAIN, FOUNDATION AND CONCRETE PAD (SEE CIVIL PLANS FOR REMOVAL OF ASSOCIATED UTILITY LINES)</p> <p>9 REMOVE AND DISPOSE OF CONCRETE PICNIC TABLE AND CONCRETE PAD</p> <p>11 CONCRETE PAVEMENT TO REMAIN</p> | <p>12 LIGHT POLE AND CONCRETE PAD TO REMAIN (SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION)</p> <p>13 REMOVE AND DISPOSE OF METAL BLEACHERS</p> <p>14 REMOVE AND DISPOSE OF CONCRETE BENCH</p> <p>15 REMOVE AND DISPOSE OF EXISTING 12FT CHAIN LINK FENCE FABRIC AND CUT EXISTING FENCE POSTS TO 6FT ABOVE FINISH GRADE.</p> <p>16 REMOVE AND DISPOSE OF TENNIS COURT NET, NET POSTS, FOUNDATIONS</p> <p>17 REMOVE AND DISPOSE OF TENNIS COURT TURNSTILE/GATE</p> <p>19 REMOVE AND DISPOSE OF CONCRETE STAND PIPE PER CIVIL PLANS</p> | <p>34 CUT POST FLUSH WITH PAVEMENT AND FILL WITH GROUT</p> <p>36 REMOVE OR RELOCATE LIGHT POLE (SEE ELECTRICAL PLANS E1.00-E1.06)</p> <p>52 REMOVE AND DISPOSE OF EXISTING 12FT. CHAIN LINK FENCE FABRIC, FITTINGS, AND RAIL.</p> <p>53 ELECTRICAL LIGHTING CONTROL ENCLOSURE TO BE REMOVED AND REPLACED PER ELECTRICAL PLANS E1.00-E1.06</p> <p>54 REMOVE AND DISPOSE OF 3" CONCRETE BLOCK BORDER</p> <p>56 EXISTING GUY WIRE TO REMAIN</p> <p>58 REMOVE AND DISPOSE OF PUSH BUTTON STATION AT GATE PER ELECTRICAL SHEET E1.1</p> |
|--|---|--|

KEY MAP



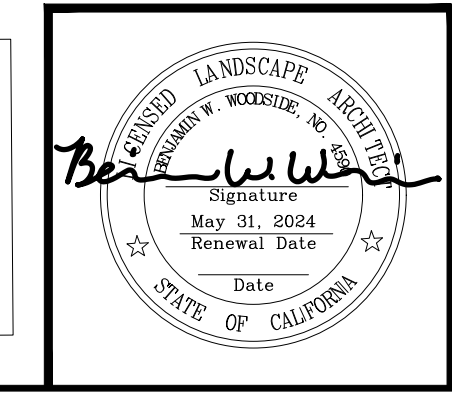
MATCHLINE D SEE SHEET SD13

SEE SHEET SD1.0 FOR SITE DEMOLITION NOTES & LEGEND



		12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366 www.callanderassociates.com	
NOVEMBER 14, 2022		CALA PROJECT NO. 21013	
MCKINLEY PARK RENOVATIONS PROJECT			
SITE DEMOLITION			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE AS SHOWN DESIGNED BY DCM DRAWN BY CM CHECKED BY BW RECORD DWGS.	APPROVED BY: _____ DATE _____ CITY ENGINEER STOCKTON, CALIFORNIA	SHEET NO. SD1.1 18 OF 162 SHEETS WR21017 PROJECT NO.	PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

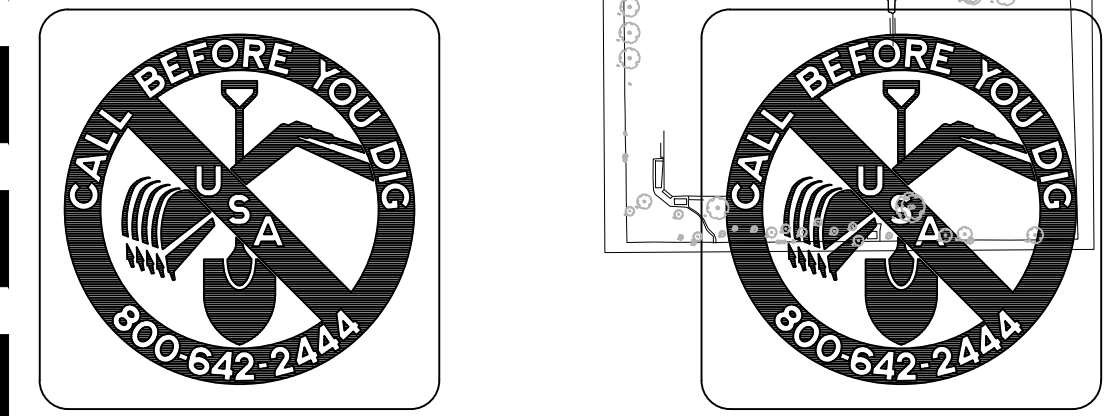
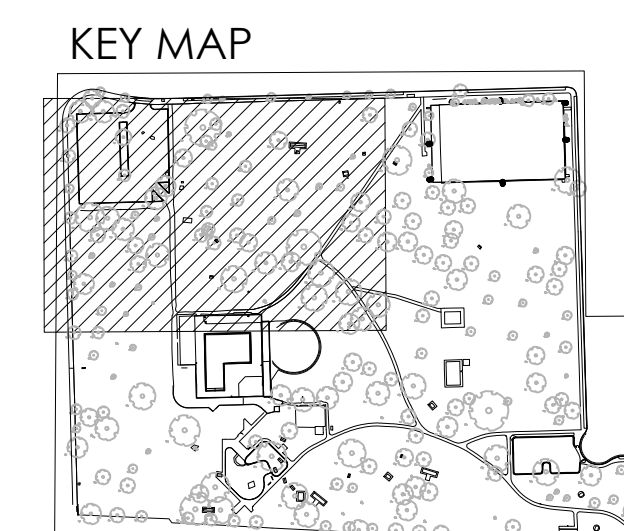


File Path: I:\Projects\2023\21013_MckinleyParkRenovations\21013010.dwg Plot Date: 11/14/22 Saved By: Cma
 Copyright © 2023 Calander Associates, a California Limited Liability Partnership

DEMOLITION KEY NOTES (CONTINUED)

- 22** REMOVE AND DISPOSE OF 8FT CHAIN LINK FENCE, FENCE GATES, INCLUDING POSTS, FOOTINGS, FABRIC AND HARDWARE
- 23** REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE. CUT POSTS FLUSH WITH TOP OF WALL AND FILL REMAINING POST OPENING WITH NON-SHRINK GROUT
- 24** IRRIGATION PUMP BUILDING AND ASSOCIATED EQUIPMENT TO REMAIN. PROTECT IN PLACE.
- 25** CONCRETE CURB TO REMAIN
- 27** REMOVE AND DISPOSE OF METAL POST AND FOOTING
- 31** SAWCUT CLEAN EDGE AT POOL DECK AFTER REMOVAL OF POOL HOUSE BUILDING
- 38** REMOVE OR RELOCATE LIGHT POLE (SEE ELECTRICAL PLANS E1.00-E1.06)
- 39** REMOVE AND DISPOSE OF CONCRETE CURB
- 40** EXISTING GAS LINE STUB. COORDINATE WITH PG&E TO CONFIRM DEACTIVATION OF SERVICE PRIOR TO BUILDING DEMOLITION. CAP EXISTING LINE 12" BELOW FINISH GRADE. ABANDON EXISTING LINE IN PLACE.
- 42** REMOVE AND DISPOSE OF EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT FROM BASEMENT MECHANICAL ROOM. SEE DETAIL 1/SC1.7
- 49** MCKINLEY PARK SIGN TO BE RELOCATED PER SITE CONSTRUCTION PLANS. REPAIR DISTURBED AREA WITH TURF FROM SOD.
- 50** REMOVE EXISTING DOUBLE CHECK VALVE BACKFLOW PREVENTER AND VAULT. BACKFILL AND COMPACT VOID CREATED BY REMOVAL. SEE CIVIL PLANS FOR INSTALLATION OF NEW BACKFLOW PREVENTER.

SEE SHEET SD10 FOR SITE DEMOLITION NOTES & LEGEND

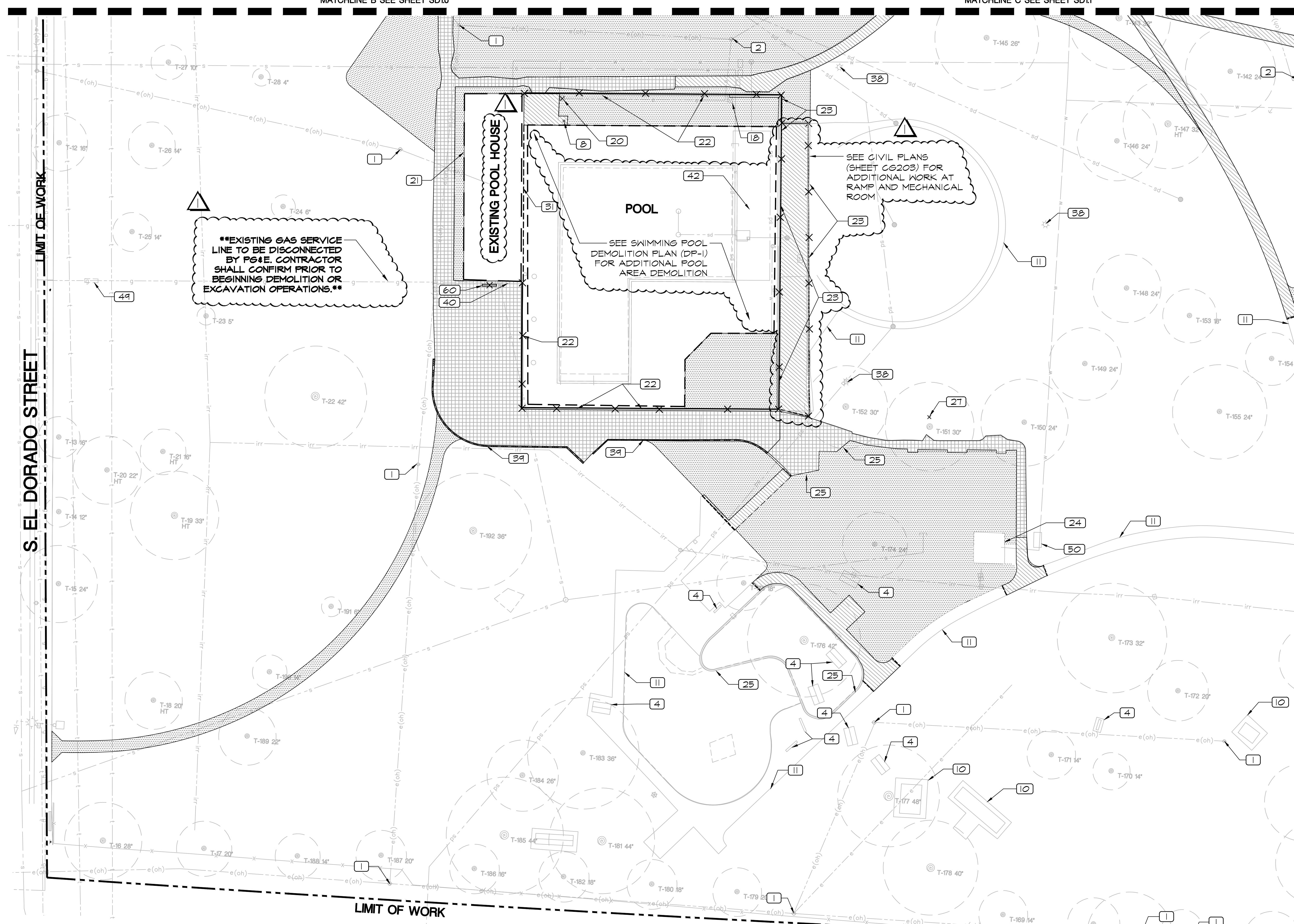


CALA 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

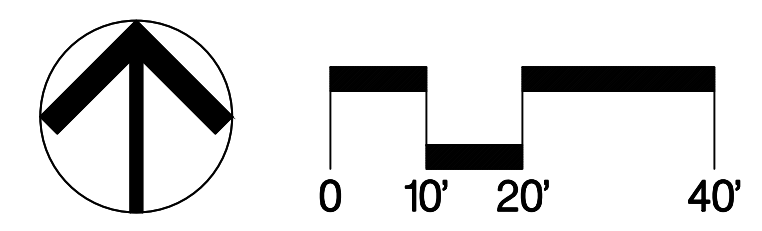
MCKINLEY PARK RENOVATIONS PROJECT

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. SD1.2
DESIGNED BY DCM	DRAWN BY CM	CHECKED BY BW	RECORD DWGS.	19 OF 162 SHES
CITY ENGINEER STOCKTON, CALIFORNIA			WR21017 PROJECT NO.	



DEMOLITION KEY NOTES (CONTINUED)

- 1** UTILITY POLE TO REMAIN
- 2** REMOVE OR RELOCATE UTILITY POLE (SEE ELECTRICAL PLANS E1.00-E1.06)
- 4** BENCH AND CONCRETE PAD TO REMAIN
- 8** REMOVE AND DISPOSE OF DRINKING FOUNTAIN, FOUNDATION AND CONCRETE PAD (SEE CIVIL PLANS FOR REMOVAL OF ASSOCIATED UTILITY LINES)
- 10** CONCRETE PICNIC TABLE AND CONCRETE PAD TO REMAIN
- 11** CONCRETE PAVEMENT TO REMAIN
- 18** ELECTRICAL BOX TO REMAIN
- 20** REMOVE AND DISPOSE OF CONCRETE HOSEBIB/RECEPTACLE BOLLARD
- 21** DEMOLISH, REMOVE AND DISPOSE OF POOL HOUSE BUILDING AND ALL ASSOCIATED COMPONENTS, FOUNDATION, AND FIXTURES IN THEIR ENTIRETY (SEE CIVIL AND ELECTRICAL PLANS FOR REMOVAL AND RE-ROUTING OF EXISTING UTILITIES). SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS RELATED TO THE REMOVAL OF STRUCTURES.



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



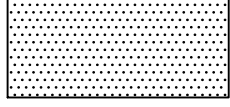
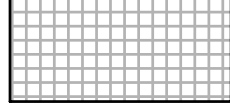







File Path: T:\Projects\2023\21013_MckinleyParkRenovations\3_Civil\Drawings\Demolition\SD10.dwg Plot Date: 11/14/22 Saved By: Cma

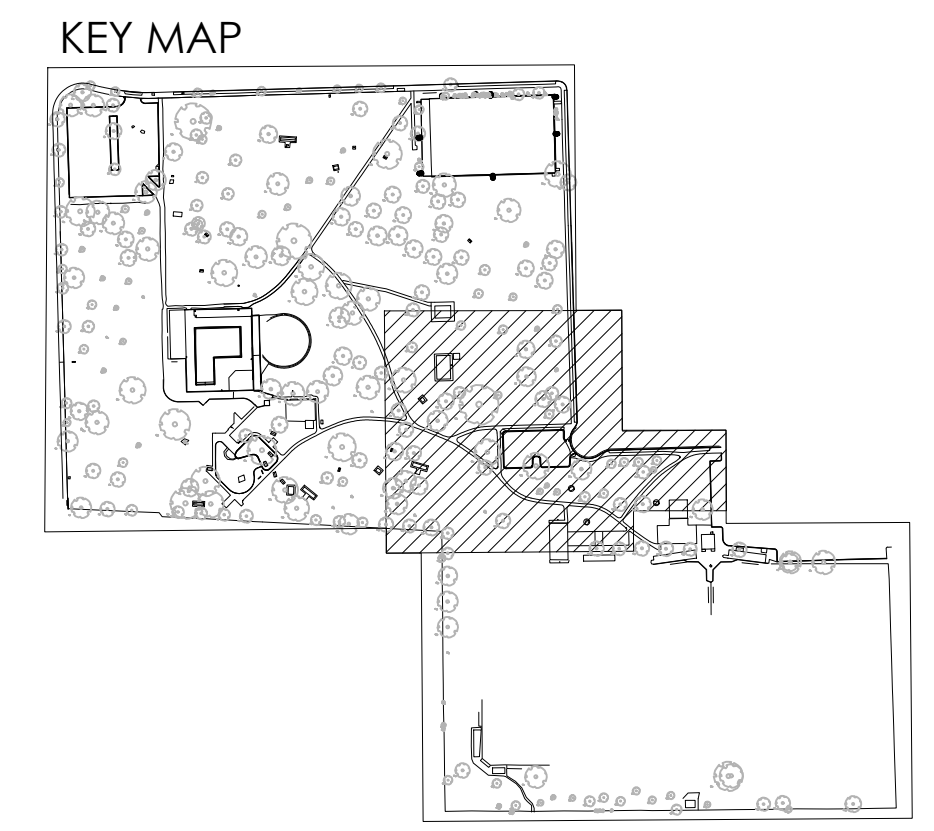
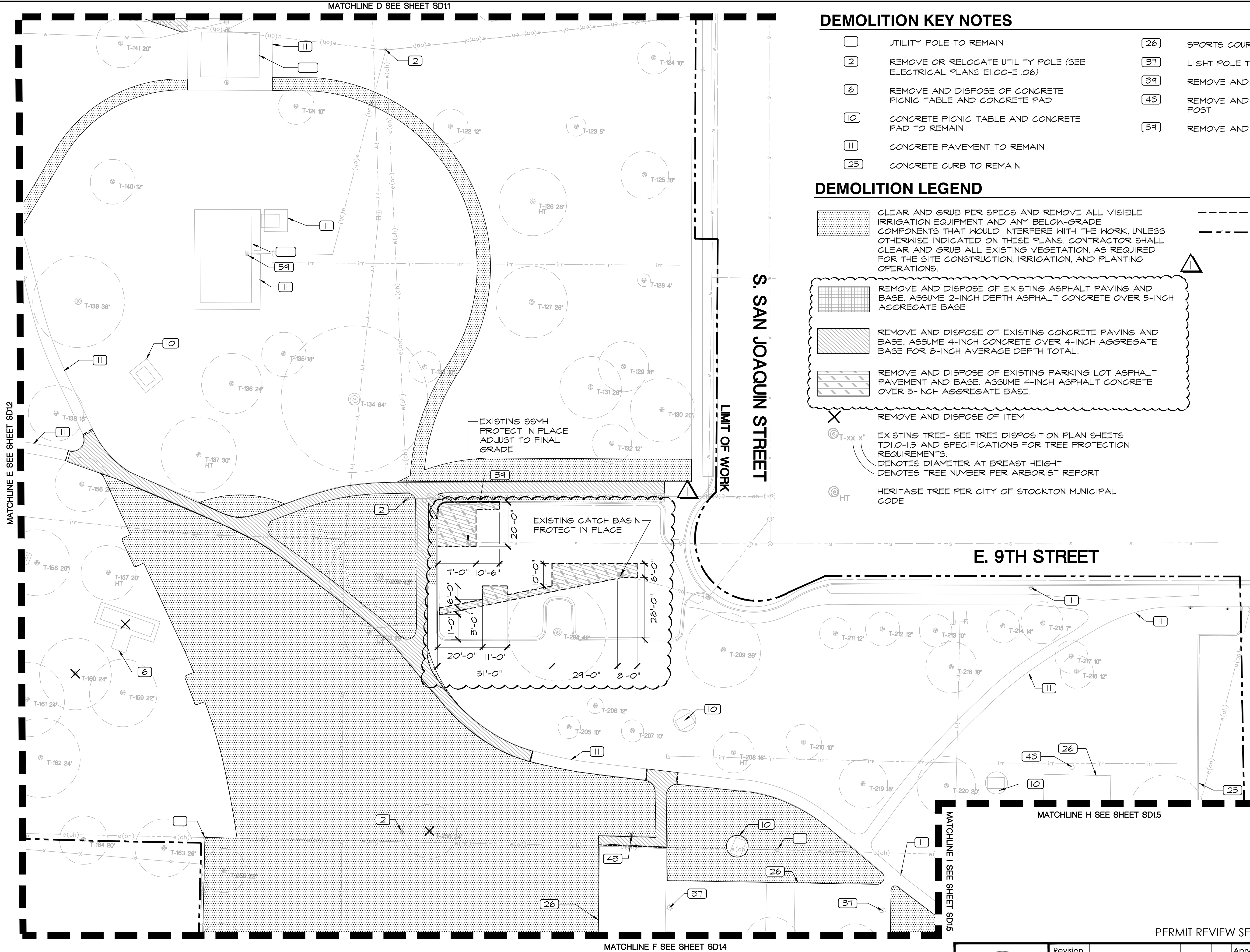
MATCHLINE D SEE SHEET SD11

DEMOLITION KEY NOTES

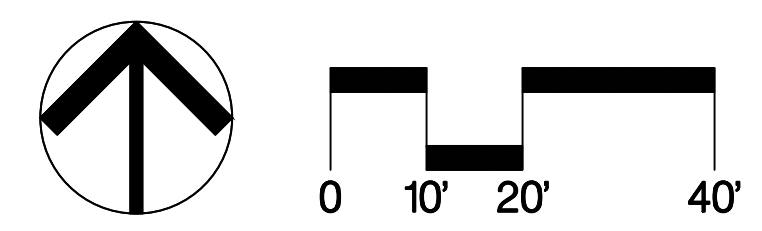
- 1 UTILITY POLE TO REMAIN
- 2 REMOVE OR RELOCATE UTILITY POLE (SEE ELECTRICAL PLANS EI.00-EI.06)
- 6 REMOVE AND DISPOSE OF CONCRETE PICNIC TABLE AND CONCRETE PAD
- 10 CONCRETE PICNIC TABLE AND CONCRETE PAD TO REMAIN
- 11 CONCRETE PAVEMENT TO REMAIN
- 25 CONCRETE CURB TO REMAIN
- 26 SPORTS COURT AND EQUIPMENT TO REMAIN
- 37 LIGHT POLE TO REMAIN
- 39 REMOVE AND DISPOSE OF CONCRETE CURB
- 43 REMOVE AND DISPOSE OF BASKETBALL POST
- 59 REMOVE AND DISPOSE OF EXISTING METER

DEMOLITION LEGEND

-  CLEAR AND GRUB PER SPECS AND REMOVE ALL VISIBLE IRRIGATION EQUIPMENT AND ANY BELOW-GRADE COMPONENTS THAT WOULD INTERFERE WITH THE WORK, UNLESS OTHERWISE INDICATED ON THESE PLANS. CONTRACTOR SHALL CLEAR AND GRUB ALL EXISTING VEGETATION, AS REQUIRED FOR THE SITE CONSTRUCTION, IRRIGATION, AND PLANTING OPERATIONS.
-  REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND BASE. ASSUME 2-INCH DEPTH ASPHALT CONCRETE OVER 5-INCH AGGREGATE BASE
-  REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND BASE. ASSUME 4-INCH CONCRETE OVER 4-INCH AGGREGATE BASE FOR 8-INCH AVERAGE DEPTH TOTAL.
-  REMOVE AND DISPOSE OF EXISTING PARKING LOT ASPHALT PAVEMENT AND BASE. ASSUME 4-INCH ASPHALT CONCRETE OVER 5-INCH AGGREGATE BASE.
-  REMOVE AND DISPOSE OF ITEM
-  EXISTING TREE- SEE TREE DISPOSITION PLAN SHEETS TDI.0-1.5 AND SPECIFICATIONS FOR TREE PROTECTION REQUIREMENTS. DENOTES DIAMETER AT BREAST HEIGHT DENOTES TREE NUMBER PER ARBORIST REPORT
-  HERITAGE TREE PER CITY OF STOCKTON MUNICIPAL CODE
-  SAWCUT, SEE DEMOLITION NOTE #2
-  LIMIT OF WORK



SEE SHEET SD1.0 FOR SITE DEMOLITION NOTES



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT	
SITE DEMOLITION	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY DCM	
DRAWN BY CM	
CHECKED BY BW	CITY ENGINEER
RECORD DWGS.	STOCKTON, CALIFORNIA
SHEET NO. SD1.3	20 OF 162 SHTS
WR21017	PROJECT NO.

File Path: T:\Projects\2021\21013_MckinleyParkRenovations\21013_SDM.dwg Plot Date: 11/14/22 Saved By: Cms
 Copyright © 2022 Callander Associates Landscape Architecture, Inc.

MATCHLINE F SEE SHEET SD13

MATCHLINE I SEE SHEET SD15

MATCHLINE J SEE SHEET SD15

MATCHLINE M SEE SHEET SD15

LIMIT OF WORK

LIMIT OF WORK

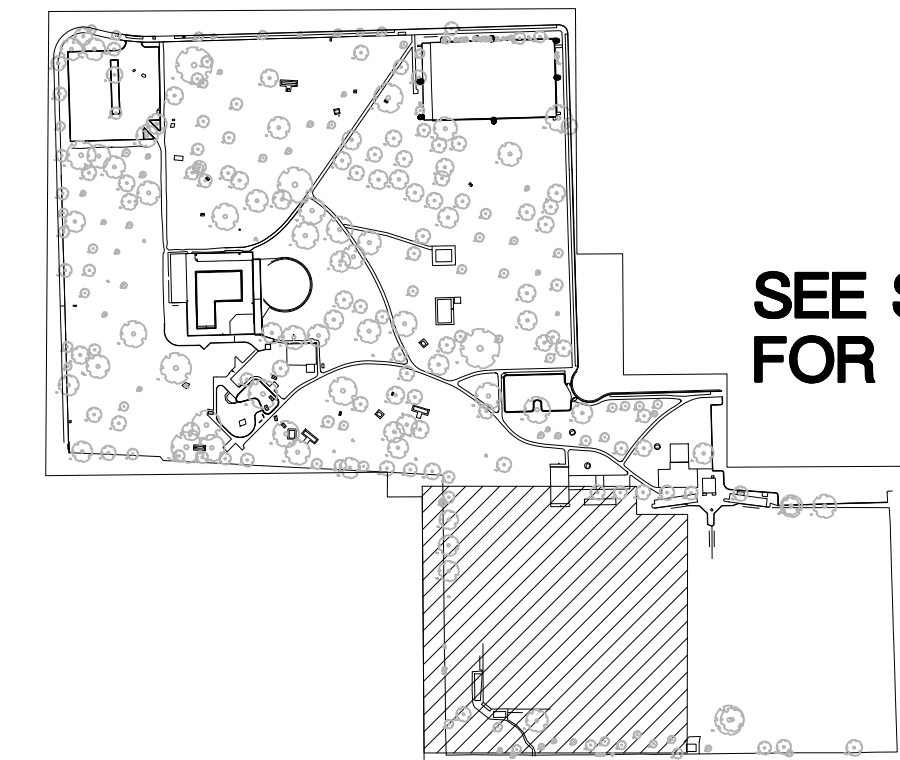
DEMOLITION KEY NOTES

- 1 UTILITY POLE TO REMAIN
- 22 REMOVE AND DISPOSE OF 8FT CHAIN LINK FENCE, FENCE GATES, INCLUDING POSTS, FOOTINGS, FABRIC AND HARDWARE
- 26 SPORTS COURT AND EQUIPMENT TO REMAIN
- 30 REMOVE AND DISPOSE OF CONCRETE BLEACHERS
- 32 REMOVE AND DISPOSE OF 18FT. CHAIN LINK FENCE INCLUDING POSTS, FOOTINGS, FABRIC, AND HARDWARE
- 33 REMOVE AND DISPOSE OF BACKSTOP
- 35 REMOVE AND DISPOSE OF PLAYER'S BENCH
- 36 CHAIN LINK FENCE TO REMAIN
- 43 REMOVE AND DISPOSE OF BASKETBALL POST
- 44 REMOVE AND REPLACE 5' CHAIN LINK FENCE POSTS, FOOTINGS, FABRIC, RAILINGS, AND HARDWARE WITH NEW.
- 46 REMOVE AND REPLACE 5' CHAIN LINK FENCE FABRIC, RAILS, AND FITTINGS WITH NEW.
- 55 REMOVE AND DISPOSE OF SPORTS LIGHT POLE PER ELETRICAL PLANS (E1.04-E1.06)

DEMOLITION LEGEND

- CLEAR AND GRUB PER SPECS AND REMOVE ALL VISIBLE IRRIGATION EQUIPMENT AND ANY BELOW-GRADE COMPONENTS THAT WOULD INTERFERE WITH THE WORK, UNLESS OTHERWISE INDICATED ON THESE PLANS. CONTRACTOR SHALL CLEAR AND GRUB ALL EXISTING VEGETATION, AS REQUIRED FOR THE SITE CONSTRUCTION, IRRIGATION, AND PLANTING OPERATIONS.
- REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND BASE. ASSUME 4-INCH CONCRETE OVER 4-INCH AGGREGATE BASE FOR 8-INCH AVERAGE DEPTH TOTAL.
- REMOVE AND DISPOSE OF EXISTING INFIELD MIX, ASSUME 6-INCH DEPTH.
- REMOVE AND DISPOSE OF ITEM
- (EX) TREE TO BE REMOVED PER TREE DISPOSITION PLANS.
- EXISTING TREE- SEE TREE DISPOSITION PLAN SHEETS TD1.0-1.5 AND SPECIFICATIONS FOR TREE PROTECTION REQUIREMENTS. DENOTES DIAMETER AT BREAST HEIGHT DENOTES TREE NUMBER PER ARBORIST REPORT
- HERITAGE TREE PER CITY OF STOCKTON MUNICIPAL CODE
- SAWCUT, SEE DEMOLITION NOTE #2
- LIMIT OF WORK

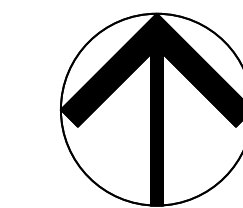
KEY MAP



SEE SHEET SD1.0 FOR SITE DEMOLITION NOTES



DEMOLISH, REMOVE, AND DISPOSE OF CMU STORAGE BUILDING AND ALL ASSOCIATED COMPONENTS AND FOUNDATION IN THEIR ENTIRETY. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS RELATED TO REMOVAL OF STRUCTURES.



12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

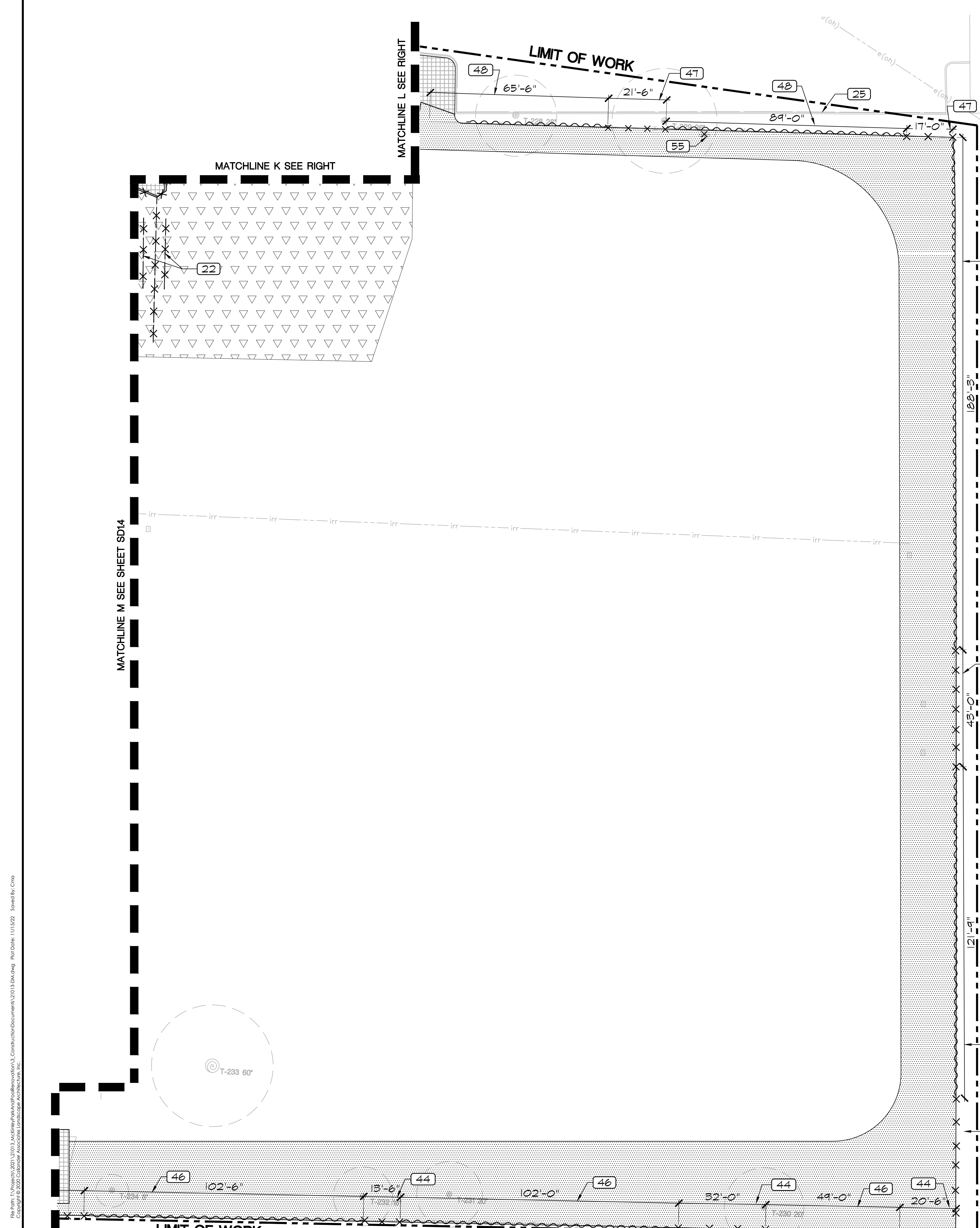
MCKINLEY PARK RENOVATIONS PROJECT
 SITE DEMOLITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. SD1.4 21 OF 162 SHTS
SCALE AS SHOWN	DESIGNED BY DCM	CITY ENGINEER	WR21017
DRAWN BY CM	CHECKED BY BW	STOCKTON, CALIFORNIA	PROJECT NO.
RECORD DWGS.			

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

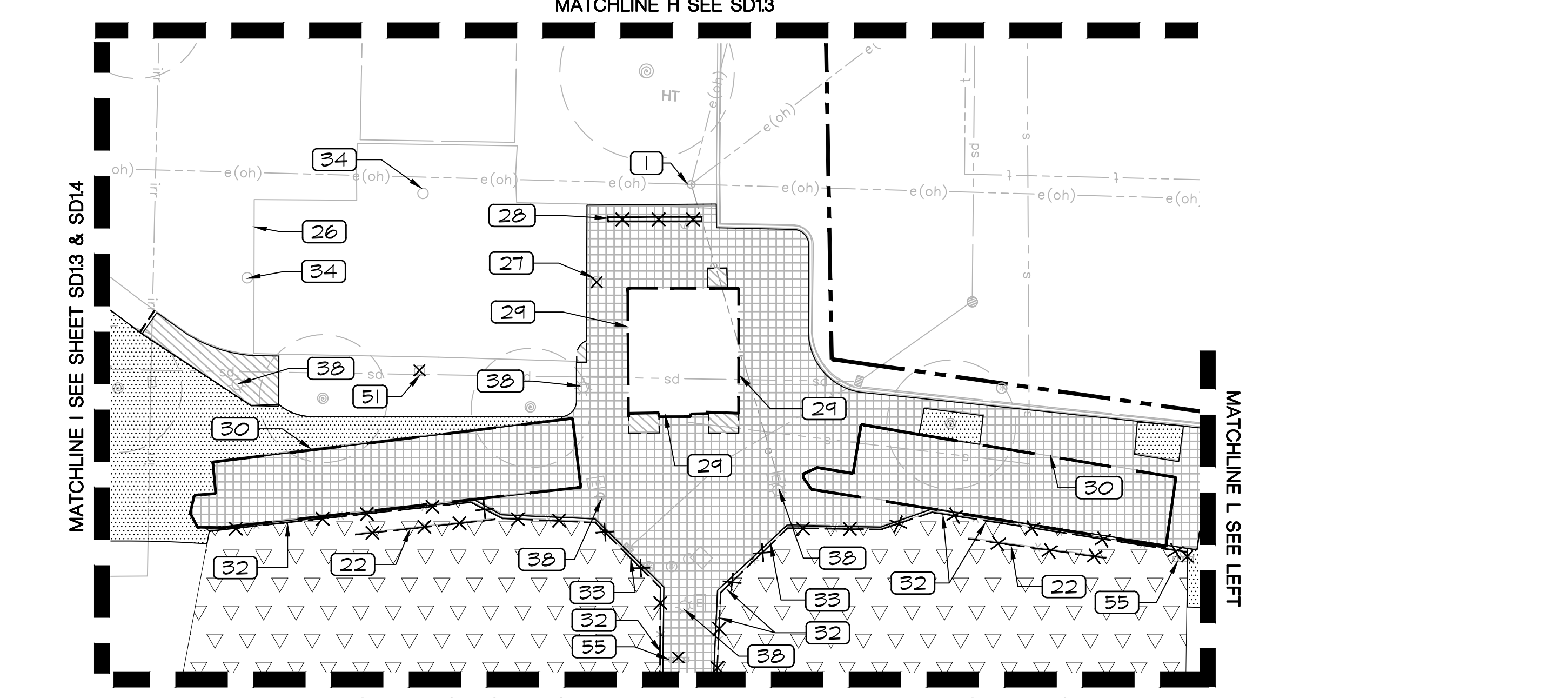
LANDSCAPE ARCHITECT
 MAY 31, 2024
 Renewal Date
 STATE OF CALIFORNIA

File Path: S:\Projects\2021\SD1.3_MckinleyParkRenovations\3_ConstructionDocuments\21013\SD1.4.dwg Plot Date: 11/15/22 Layout By: Cma
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.



CALIFORNIA STREET

LIMIT OF WORK



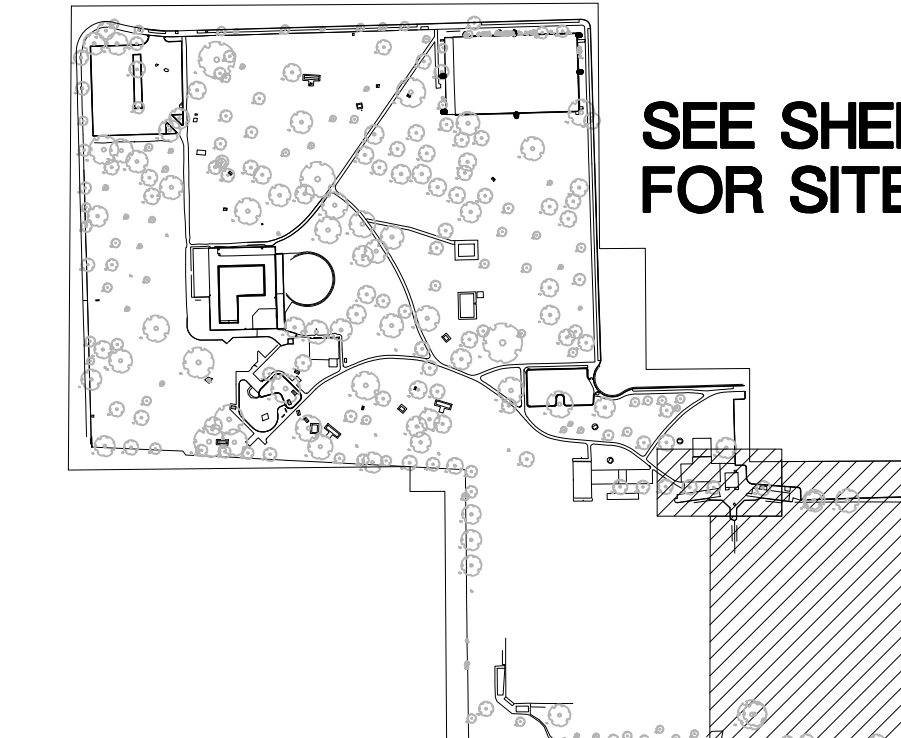
DEMOLITION KEY NOTES

- 1 UTILITY POLE TO REMAIN
- 22 REMOVE AND DISPOSE OF 8FT CHAIN LINK FENCE, FENCE GATES, INCLUDING POSTS, FOOTINGS, FABRIC AND HARDWARE
- 25 CONCRETE CURB TO REMAIN
- 26 SPORTS COURT AND EQUIPMENT TO REMAIN
- 27 REMOVE AND DISPOSE OF METAL POST AND FOOTING
- 28 REMOVE, STORE AND PROTECT, AND REPLACE BIKE RACK PER SITE CONSTRUCTION PLAN
- 29 DEMOLISH, REMOVE, AND DISPOSE OF RESTROOM BUILDING AND ALL ASSOCIATED COMPONENTS, FOUNDATION, AND FIXTURES IN THEIR ENTIRETY (SEE CIVIL AND ELECTRICAL PLANS FOR REMOVAL AND RE-ROUTING OF EXISTING UTILITIES). SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS RELATED TO THE REMOVAL OF STRUCTURES.
- 30 REMOVE AND DISPOSE OF CONCRETE BLEACHERS
- 32 REMOVE AND DISPOSE OF 18FT. CHAIN LINK FENCE INCLUDING POSTS, FOOTINGS, FABRIC, AND HARDWARE
- 33 REMOVE AND DISPOSE OF BACKSTOP
- 34 CUT POST FLUSH WITH PAVEMENT AND FILL WITH GROUT
- 38 REMOVE OR RELOCATE LIGHT POLE (SEE ELECTRICAL PLANS E1.00-E1.06)
- 44 REMOVE AND REPLACE 5' CHAIN LINK FENCE POSTS, FOOTINGS, FABRIC, RAILINGS, AND HARDWARE WITH NEW.
- 46 REMOVE AND REPLACE 5' CHAIN LINK FENCE FABRIC, RAILS, AND FITTINGS WITH NEW.
- 47 REMOVE AND REPLACE 3' CHAIN LINK FENCE POSTS, FOOTINGS, FABRIC, AND HARDWARE WITH NEW.
- 48 REMOVE AND REPLACE 3' FABRIC, RAILS, FITTINGS WITH NEW.
- 51 REMOVE AND DISPOSE OF 2'X2' CONCRETE PAD AND POST
- 55 REMOVE AND DISPOSE OF SPORTS LIGHT POLE AND ELECTRICAL BASE (SEE ELEC. PLAN)

DEMOLITION LEGEND

- CLEAR AND GRUB PER SPECS AND REMOVE ALL VISIBLE IRRIGATION EQUIPMENT AND ANY BELOW-GRADE COMPONENTS THAT WOULD INTERFERE WITH THE WORK, UNLESS OTHERWISE INDICATED ON THESE PLANS. CONTRACTOR SHALL CLEAR AND GRUB ALL EXISTING VEGETATION, AS REQUIRED FOR THE SITE CONSTRUCTION, IRRIGATION, AND PLANTING OPERATIONS.
- REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND BASE. ASSUME 4-INCH CONCRETE OVER 4-INCH AGGREGATE BASE FOR 8-INCH AVERAGE DEPTH TOTAL.
- REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND BASE. ASSUME 2-INCH DEPTH ASPHALT CONCRETE OVER 5-INCH AGGREGATE BASE
- REMOVE AND DISPOSE OF EXISTING INFIELD MIX, ASSUME 6-INCH DEPTH.
- REMOVE AND DISPOSE OF ITEM
- EXISTING TREE- SEE TREE DISPOSITION PLAN SHEETS I.0-1.5 AND SPECIFICATIONS FOR TREE PROTECTION REQUIREMENTS. DENOTES DIAMETER AT BREAST HEIGHT DENOTES TREE NUMBER PER ARBORIST REPORT
- SANICUT, SEE DEMOLITION NOTE #2
- LIMIT OF WORK

KEY MAP



SEE SHEET SD1.0 FOR SITE DEMOLITION NOTES

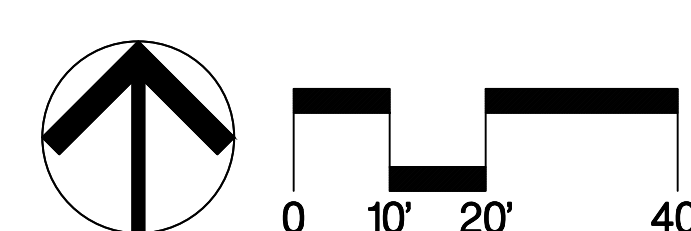
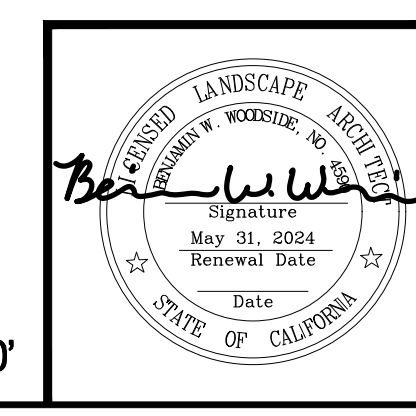


CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

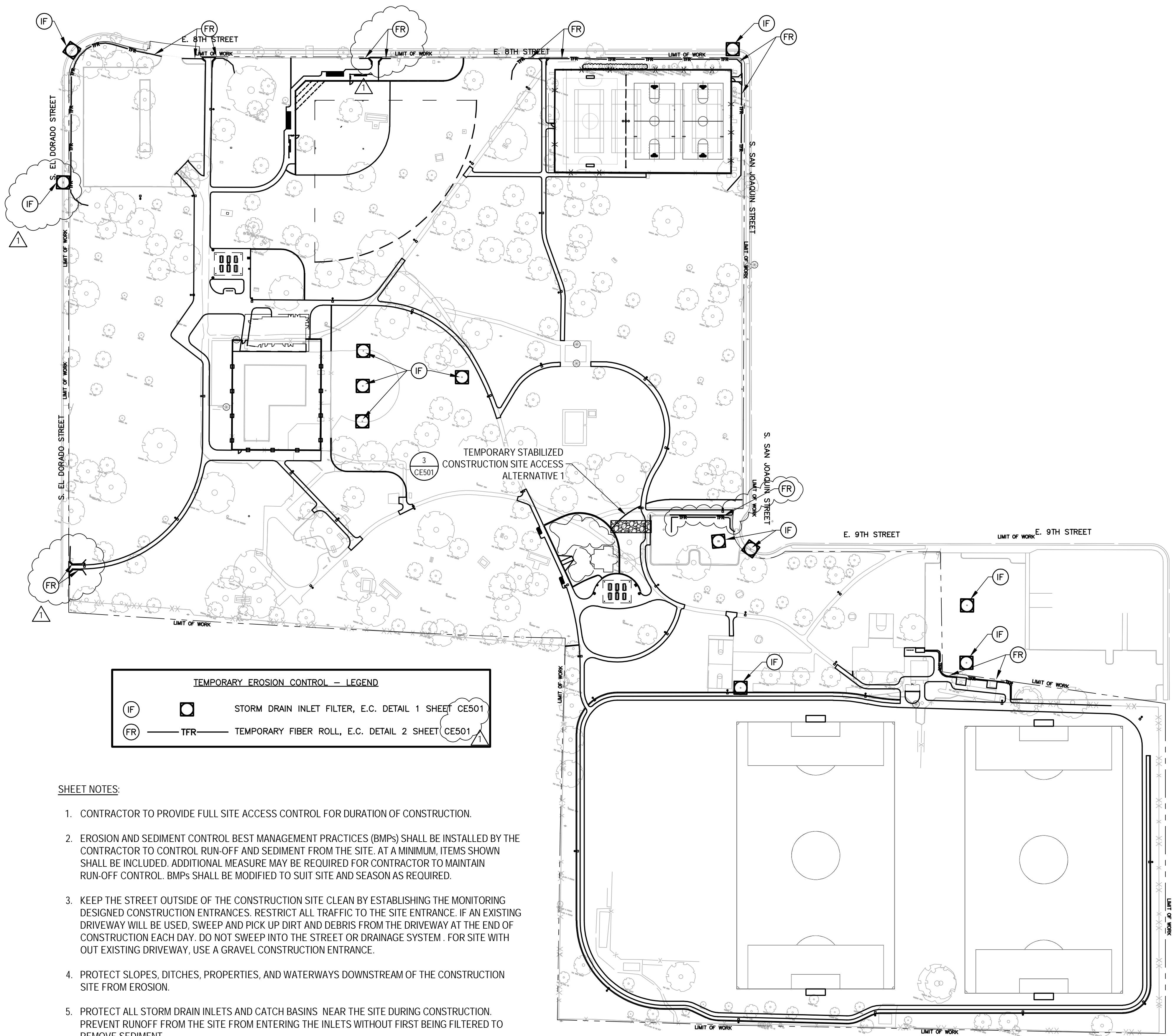
MCKINLEY PARK RENOVATIONS PROJECT
SITE DEMOLITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. SD1.5 22 OF 162 SHEETS
SCALE AS SHOWN	DRAWN BY CM	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



File Path: S:\Projects\2021\SD1.5_MckinleyParkRenovations\3_ConstructionDocuments\3_21013\SD1.5.dwg Plot Date: 11/15/22 E:\d\l\c\m\ Copyright © 2020 Callander Associates Landscape Architecture, Inc.

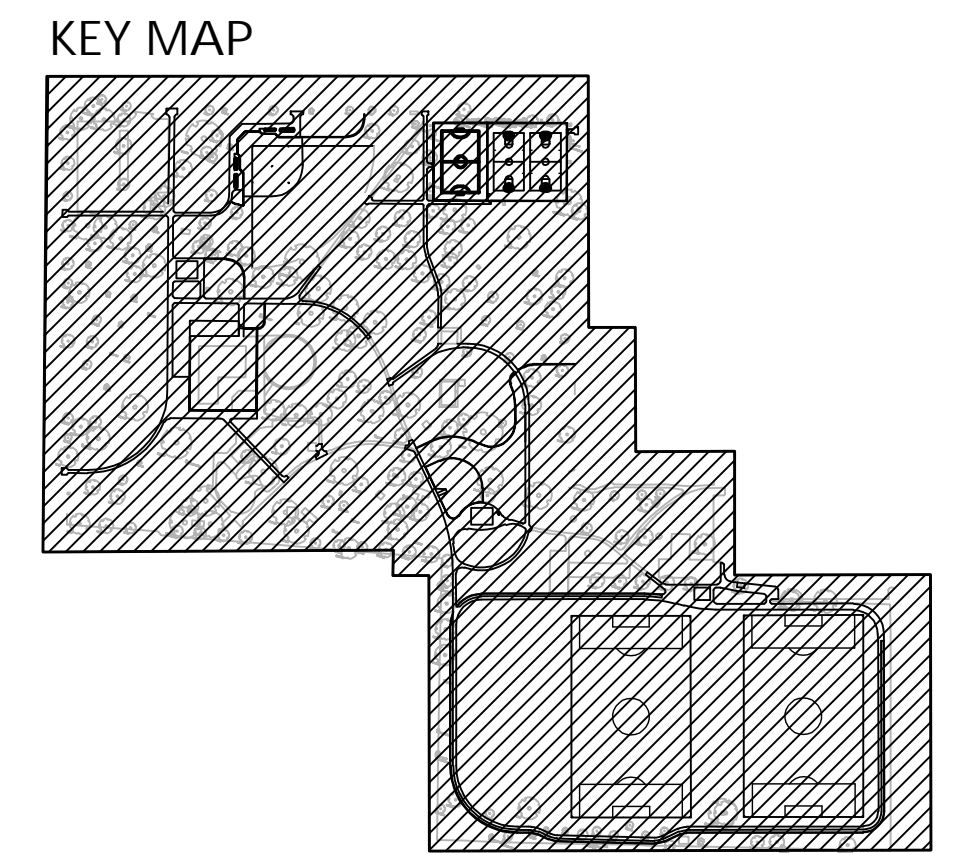


TEMPORARY EROSION CONTROL - LEGEND

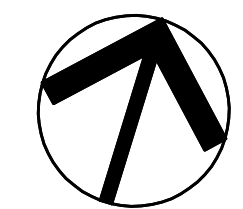
IF	□	STORM DRAIN INLET FILTER, E.C. DETAIL 1 SHEET CE501
FR	—	TEMPORARY FIBER ROLL, E.C. DETAIL 2 SHEET CE501

SHEET NOTES:

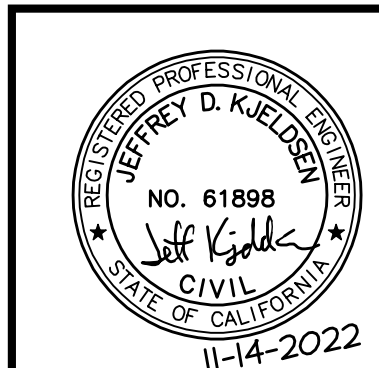
1. CONTRACTOR TO PROVIDE FULL SITE ACCESS CONTROL FOR DURATION OF CONSTRUCTION.
2. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE INSTALLED BY THE CONTRACTOR TO CONTROL RUN-OFF AND SEDIMENT FROM THE SITE. AT A MINIMUM, ITEMS SHOWN SHALL BE INCLUDED. ADDITIONAL MEASURE MAY BE REQUIRED FOR CONTRACTOR TO MAINTAIN RUN-OFF CONTROL. BMPs SHALL BE MODIFIED TO SUIT SITE AND SEASON AS REQUIRED.
3. KEEP THE STREET OUTSIDE OF THE CONSTRUCTION SITE CLEAN BY ESTABLISHING THE MONITORING DESIGNED CONSTRUCTION ENTRANCES. RESTRICT ALL TRAFFIC TO THE SITE ENTRANCE. IF AN EXISTING DRIVEWAY WILL BE USED, SWEEP AND PICK UP DIRT AND DEBRIS FROM THE DRIVEWAY AT THE END OF CONSTRUCTION EACH DAY. DO NOT SWEEP INTO THE STREET OR DRAINAGE SYSTEM. FOR SITE WITH OUT EXISTING DRIVEWAY, USE A GRAVEL CONSTRUCTION ENTRANCE.
4. PROTECT SLOPES, DITCHES, PROPERTIES, AND WATERWAYS DOWNSTREAM OF THE CONSTRUCTION SITE FROM EROSION.
5. PROTECT ALL STORM DRAIN INLETS AND CATCH BASINS NEAR THE SITE DURING CONSTRUCTION. PREVENT RUNOFF FROM THE SITE FROM ENTERING THE INLETS WITHOUT FIRST BEING FILTERED TO REMOVE SEDIMENT.



File Path: \\S:\161_CAD_McKinley Park Renovation.dwg, Project: McKinley Park Renovation, Date: 11/14/2022, Scale: 1/4"=10', Drawn By: JJK



SCALE: 1"=70'



Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK

 711 N. Pershing Avenue Stockton, CA 95203 209-946-0288 www.kjnsinc.com	1550 Harbor Blvd., Suite 212 West Sacramento, CA 95691 916-403-5900	CONTACT 811 BEFORE YOU DIG SAFE DIGGING ALERT
		 12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366 www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

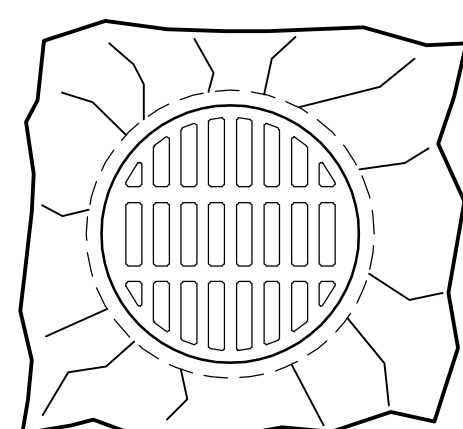
MCKINLEY PARK AND POOL RENOVATION

EROSION CONTROL PLAN

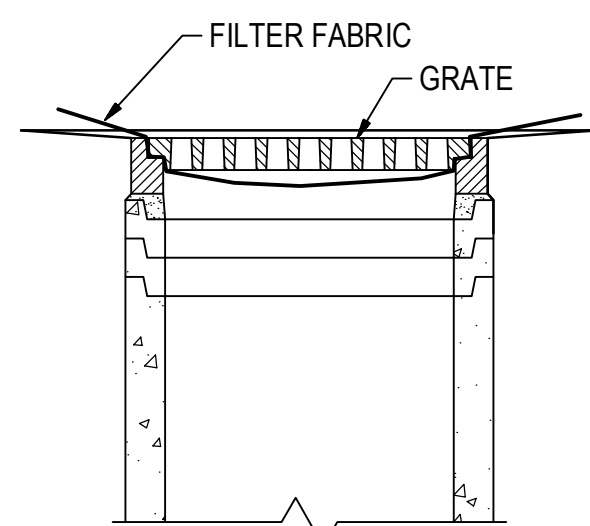
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN DESIGNED BY JDK DRAWN BY PX CHECKED BY SKS RECORD DWGS.	APPROVED BY: _____ DATE _____ CITY ENGINEER STOCKTON, CALIFORNIA
SHEET NO. CE101 23 OF 162 SHTS	PROJECT NO. WR21017

NOTES:

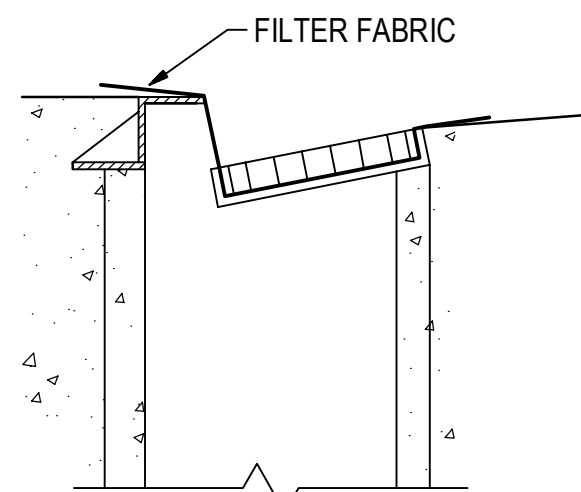
1. FILTER FABRIC SHALL BE A GEOTEXTILE WOVEN MATERIAL OR APPROVED EQUAL.
2. FABRIC MATERIAL STRENGTH AND USE OF ADDITIONAL LAYERS SHALL SUIT THE LEVEL OF RUNOFF AND ENTRAINED SEDIMENT NEEDED TO PROTECT THE INLET.
3. FABRIC SHALL EXTEND A MINIMUM OF 6-INCHES BEYOND EDGE OF GRATE.
4. AT HOODED CURB INLETS, FABRIC SHALL EXTEND ABOVE THE TOP OF CURB, USE GRAVEL BAGS AS NECESSARY TO HOLD THE FABRIC AND TO BERM AGAINST BYPASS.
5. FILTERS SHALL BE INSPECTED WEEKLY AND REPLACED WITH CLEAN FABRIC WHENEVER SEDIMENT AND DEBRIS IS VISIBLE.



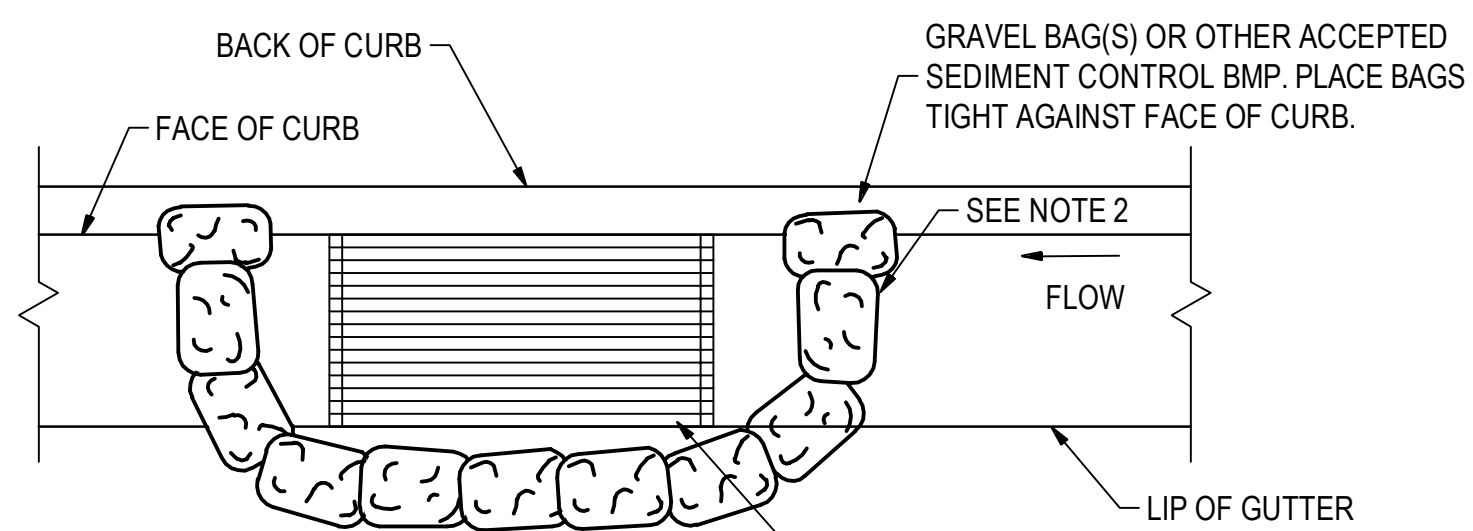
PLAN



INLET FILTER FABRIC



INLET FILTER FABRIC

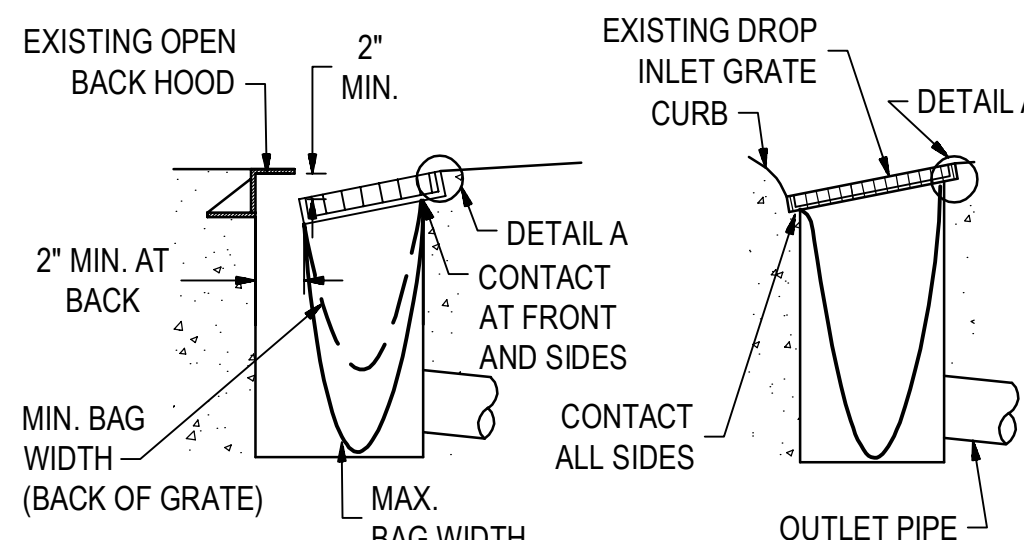


PLAN VIEW

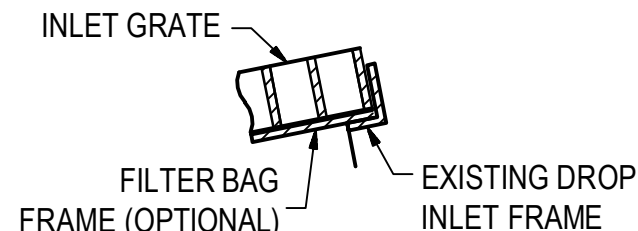
GRAVEL BAG INLET SEDIMENT CONTROL

NOTES:

1. SEDIMENT TRAPPED UPSTREAM OF SEDIMENT CONTROL BMP SHALL BE REMOVED WEEKLY AND PRIOR TO ANTICIPATED RAINFALL EVENTS.
2. PLACE BMP'S TIGHTLY TOGETHER AT JOINTS TO PREVENT OR MINIMIZE SEEPAGE AT JOINTS.



DETAIL A



DETAIL B

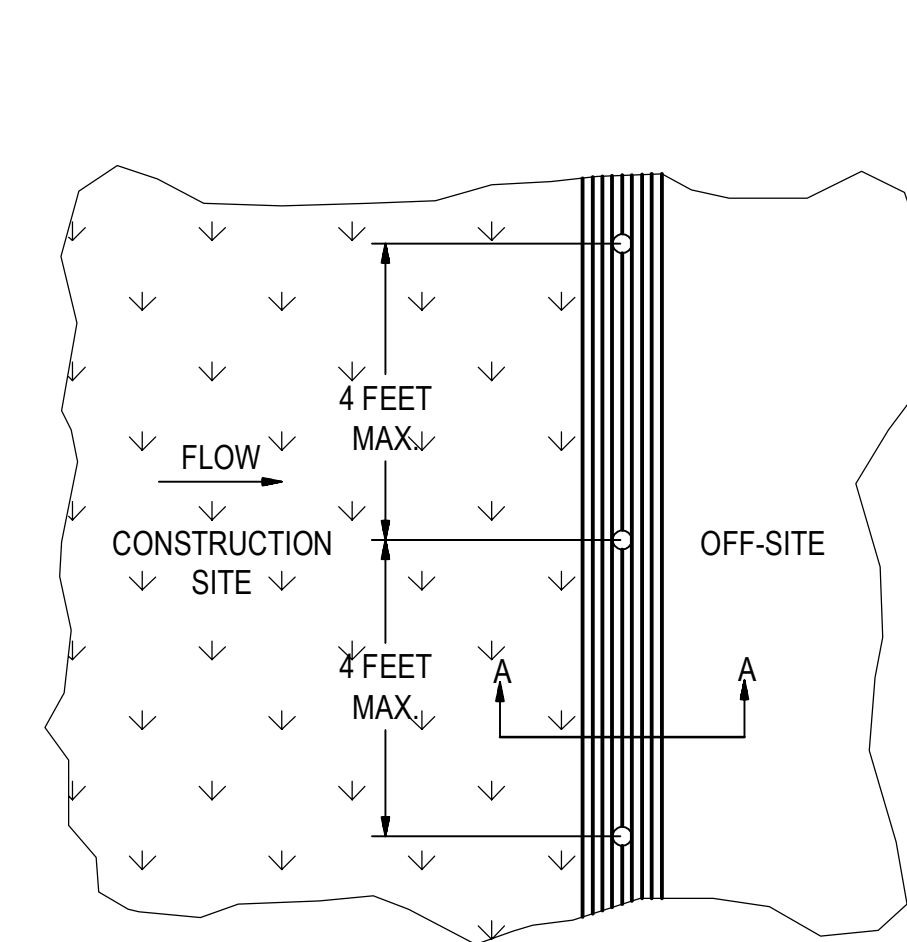
NOTES:

1. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAR FOOT, AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ. FT.
2. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD) PROVIDING NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 0.5" ABOVE THE INLET FRAME (SEE DETAIL A).
3. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
4. FLOWS SHALL NOT BE ALLOWED TO BYPASS PROTECTION MEASURES.
5. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.

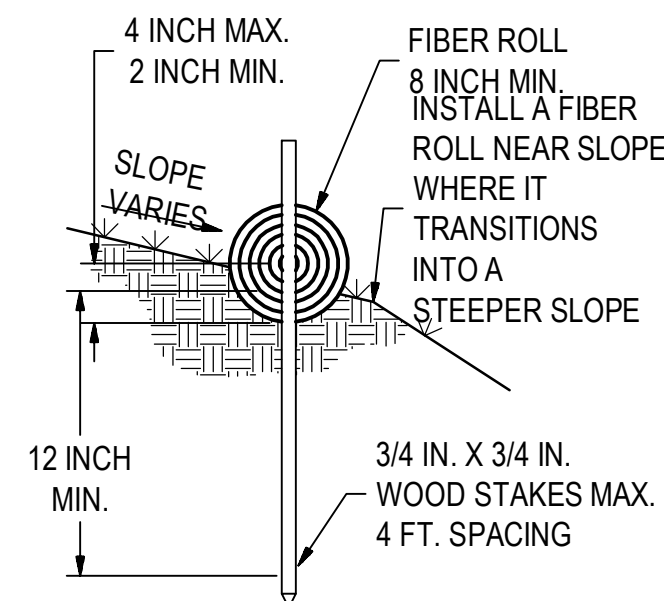
INLET FILTER BAG

1. ALL INLET BMP PROTECTION MEASURES SHALL INCLUDE AT A MINIMUM FILTER FABRIC UNDER GRATES AND LIDS. GRAVEL BAG BERMS AND INLET PERIMETERS SHALL BE ADDED WHEN FABRIC HAS POTENTIAL FOR BEING OVERLOADED. FILTER BAGS SHALL BE ADDED WHEN AN INLET IS AT RISK TO FILTERING OF HEAVY SEDIMENT LADEN RUNOFF, I.E. WET WINTER CONSTRUCTION CONDITIONS.

1 TEMPORARY STORM DRAIN INLET FILTERS
N.T.S.



TYPICAL FIBER ROLL INSTALLATION

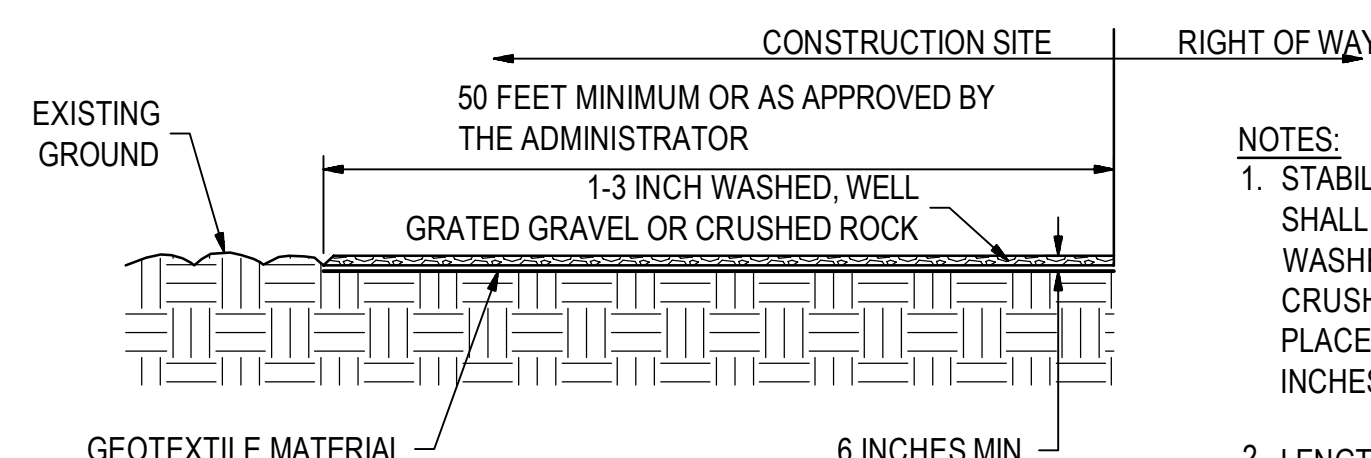


SECTION A-A

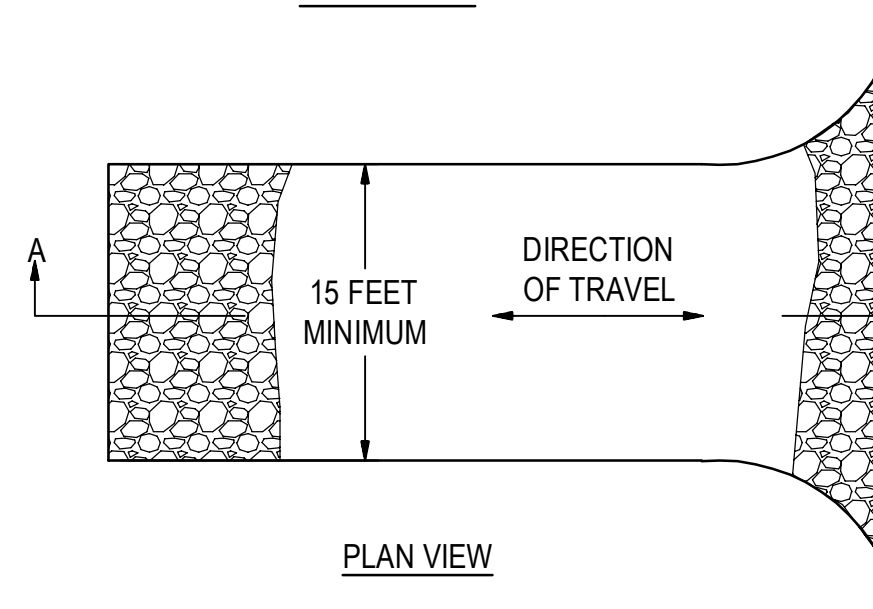
NOTES:

1. INSTALL FIBER ROLLS IN A ROW ALONG A LEVEL CONTOUR.
2. AT ENDS OF A ROW TURN THE LAST TWO FEET UP SLOPE SLIGHTLY.
3. FIBER ROLLS SHALL BE BUTTED TIGHTLY AT THE JOINTS.
4. DO NOT OVERLAP JOINTS.

2 TEMPORARY FIBER ROLLS
N.T.S.



SECTION A-A

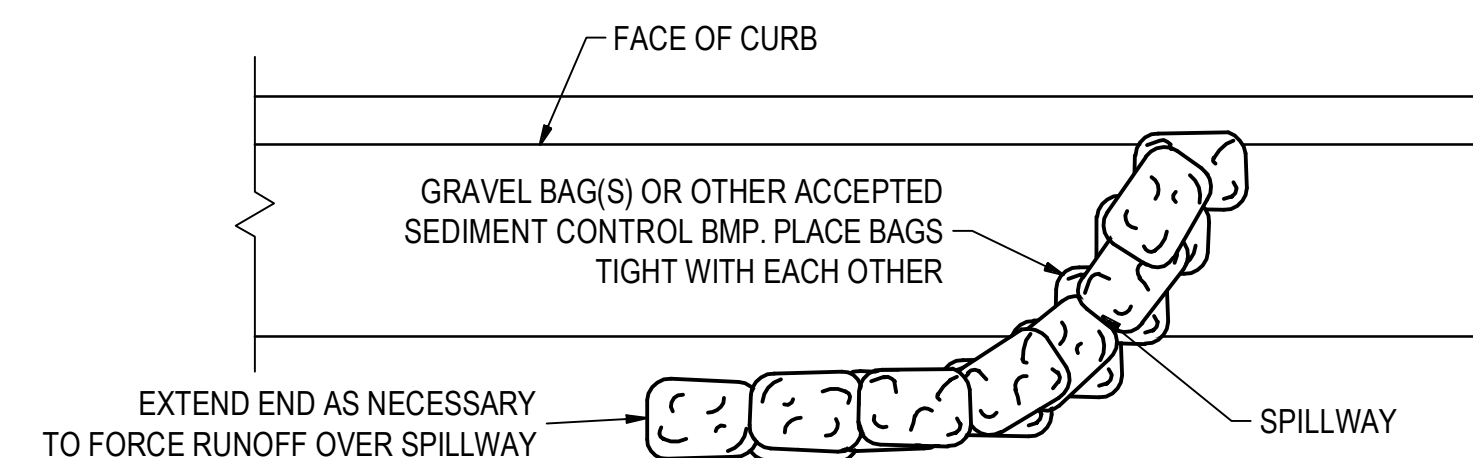


PLAN VIEW

NOTES:

1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 1-3 INCH WASHED, WELL GRATED GRAVEL OR CRUSHED ROCK. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 6 INCHES.
2. LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 50 FEET. WIDTH SHALL BE A MINIMUM OF 15 FEET OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADII.
3. THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS SPECIFIED IN NOTE 1.
4. ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL. WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

3 TEMPORARY STABILIZED CONSTRUCTION SITE ACCESS
N.T.S.



4 TEMPORARY GRAVEL BAG BERM
N.T.S.

KJELDSSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
711 N. Pershing Avenue
Stockton, CA 95203
209-946-4268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900
www.keninc.com

CONTACT 811 BEFORE YOU DIG
811
SAFE DIGGING ALERT

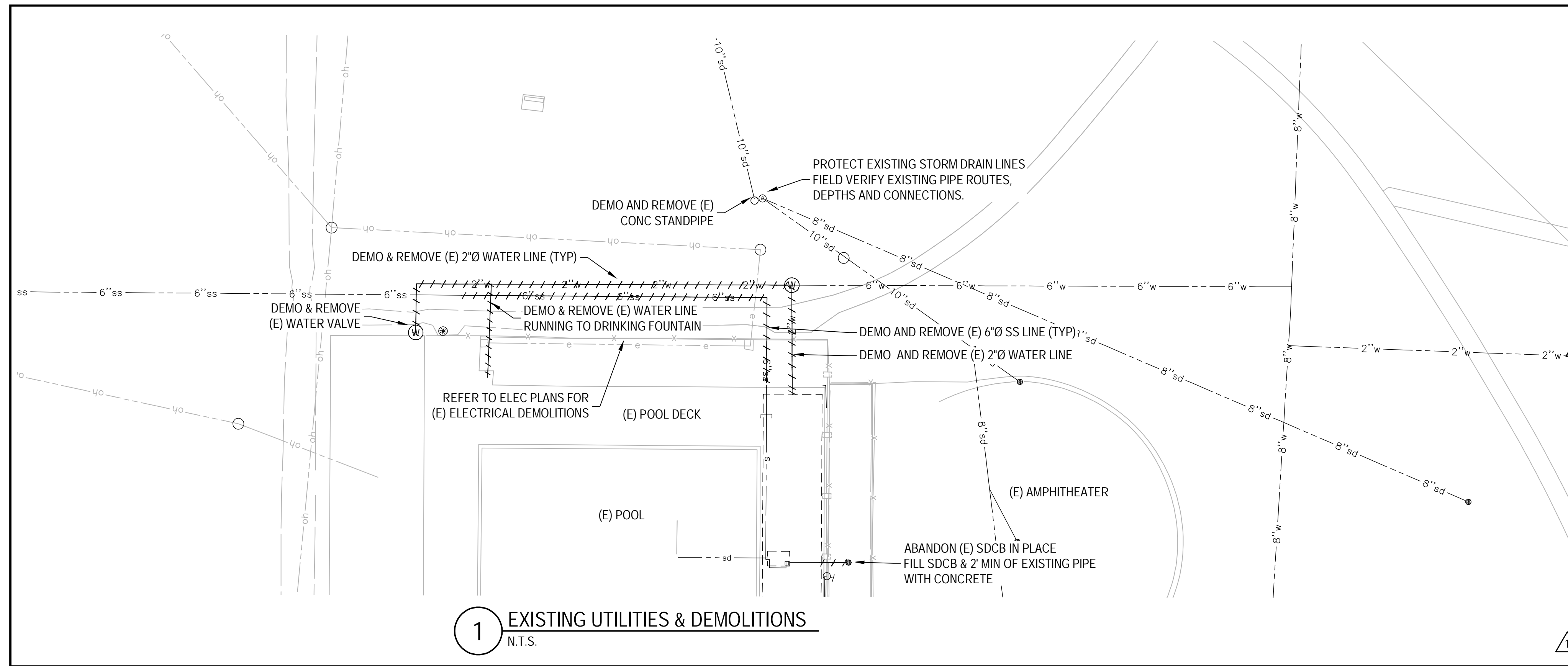
CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
EROSION CONTROL DETAILS

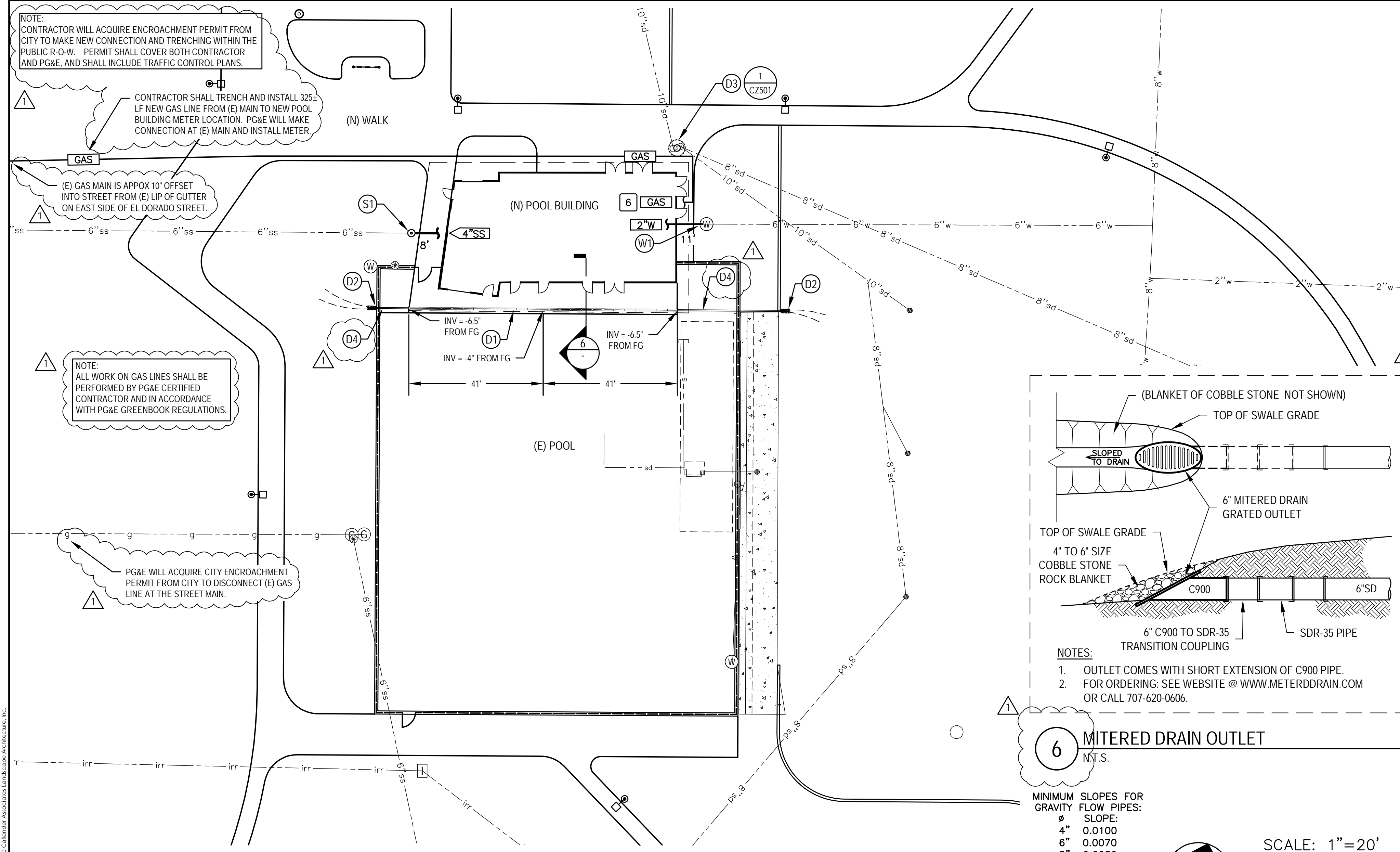
Revision No.	Description	Date	By	Aprvd. By

	DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA SCALE AS SHOWN DESIGNED BY JDK DRAWN BY PX CHECKED BY SKS RECORD DWGS.	APPROVED BY: _____ DATE _____ CITY ENGINEER STOCKTON, CALIFORNIA	SHEET NO. CE501 24 OF 162 SHEETS WR21017 PROJECT NO.
--	--	---	---

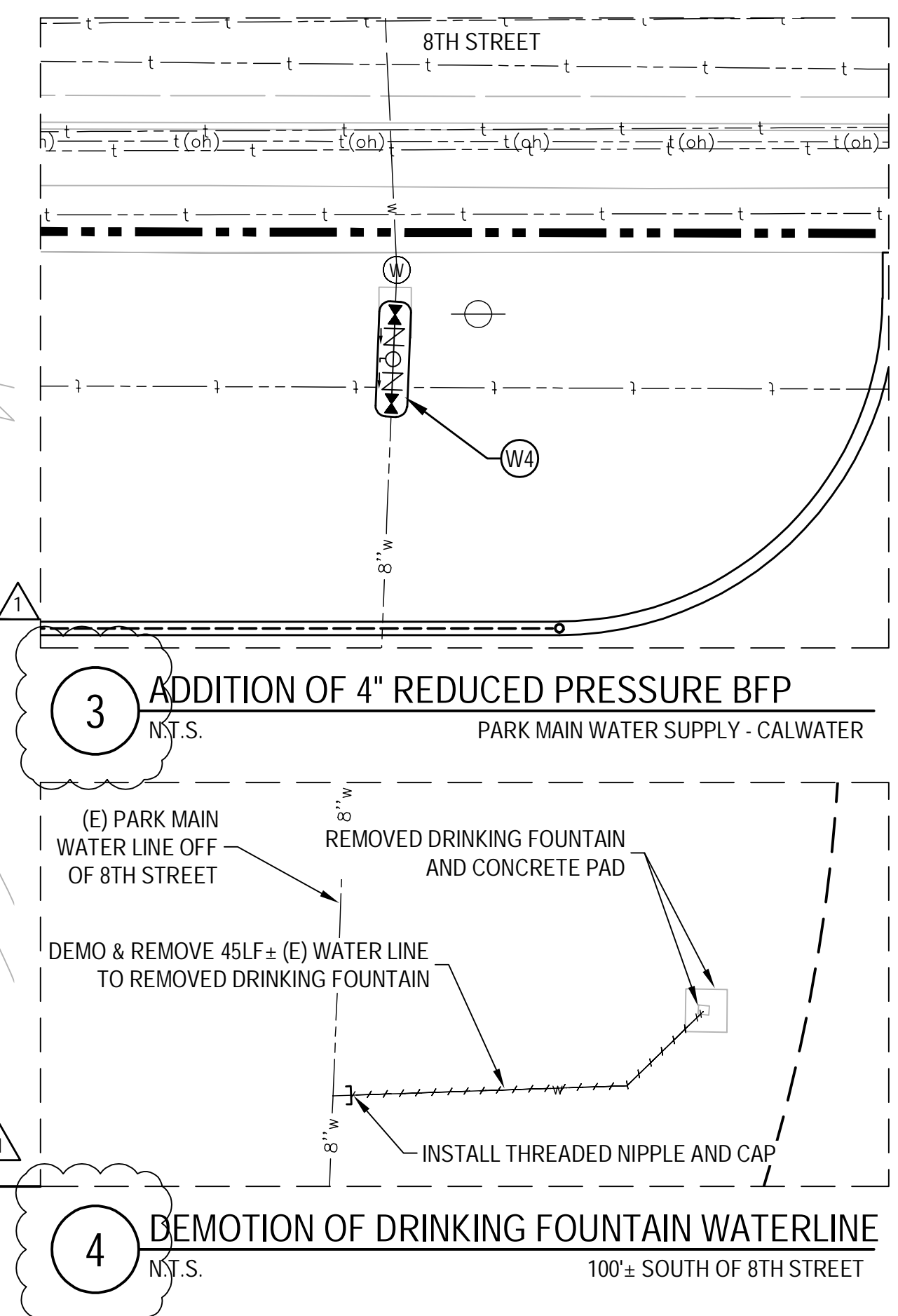
File Path: P:\2411_COS_Arch\Drawings_Plan\2022_CAD\Sheet\CE01.dwg Plot Date: 11/17/22 Saved By: jkeldsen
 Copyright © 2022 Callander Associates, Landscape Architecture, Inc.



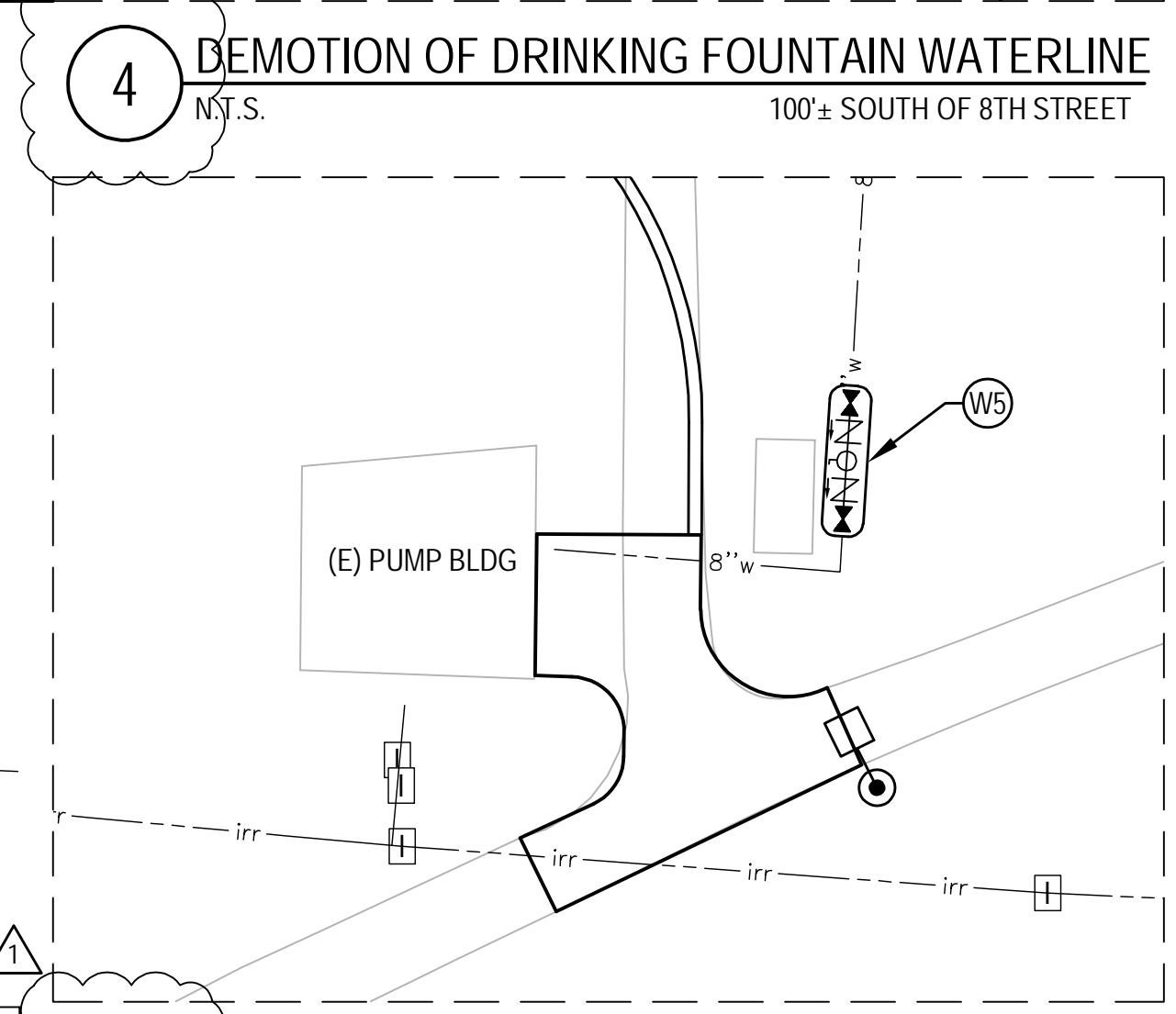
1 EXISTING UTILITIES & DEMOLITIONS
N.T.S.



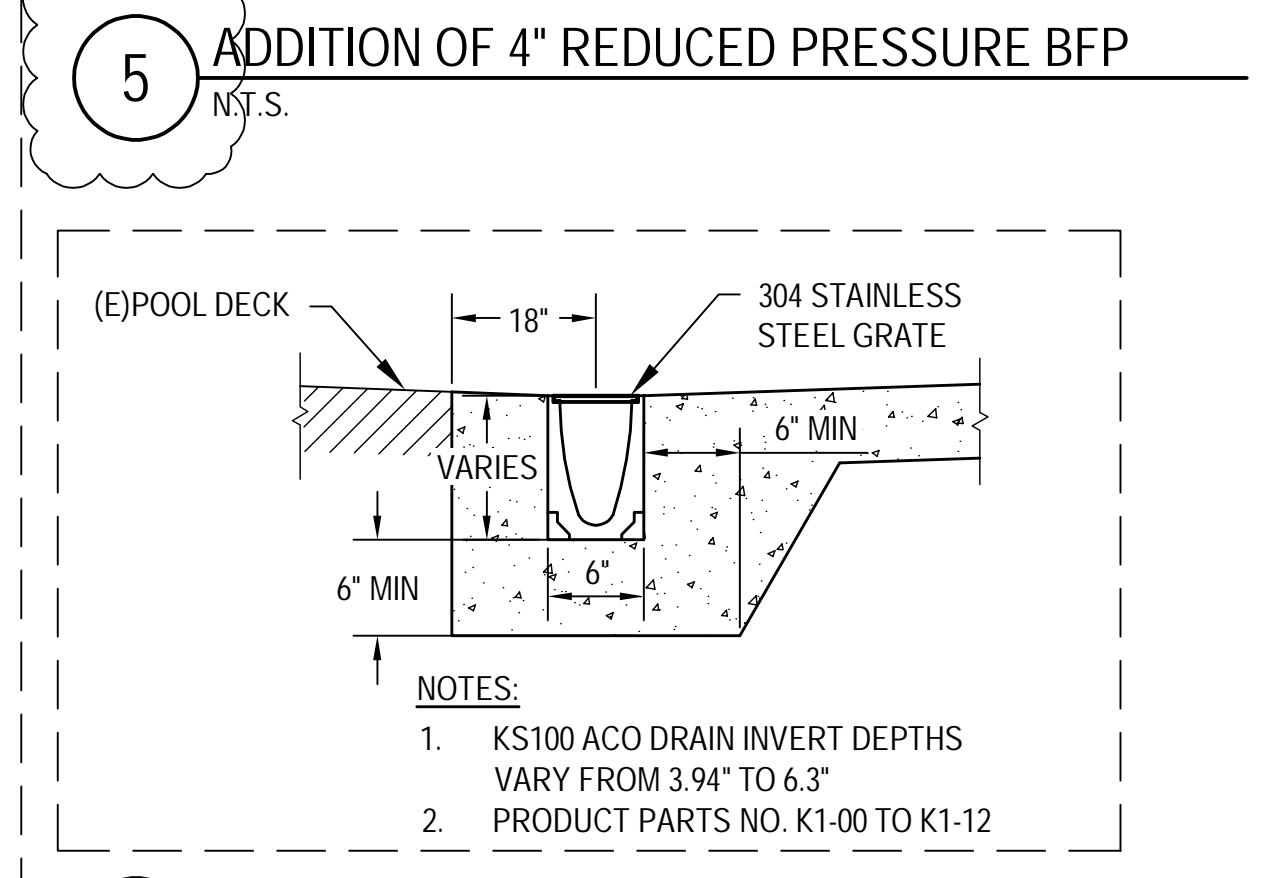
2 NEW UTILITIES
N.T.S.



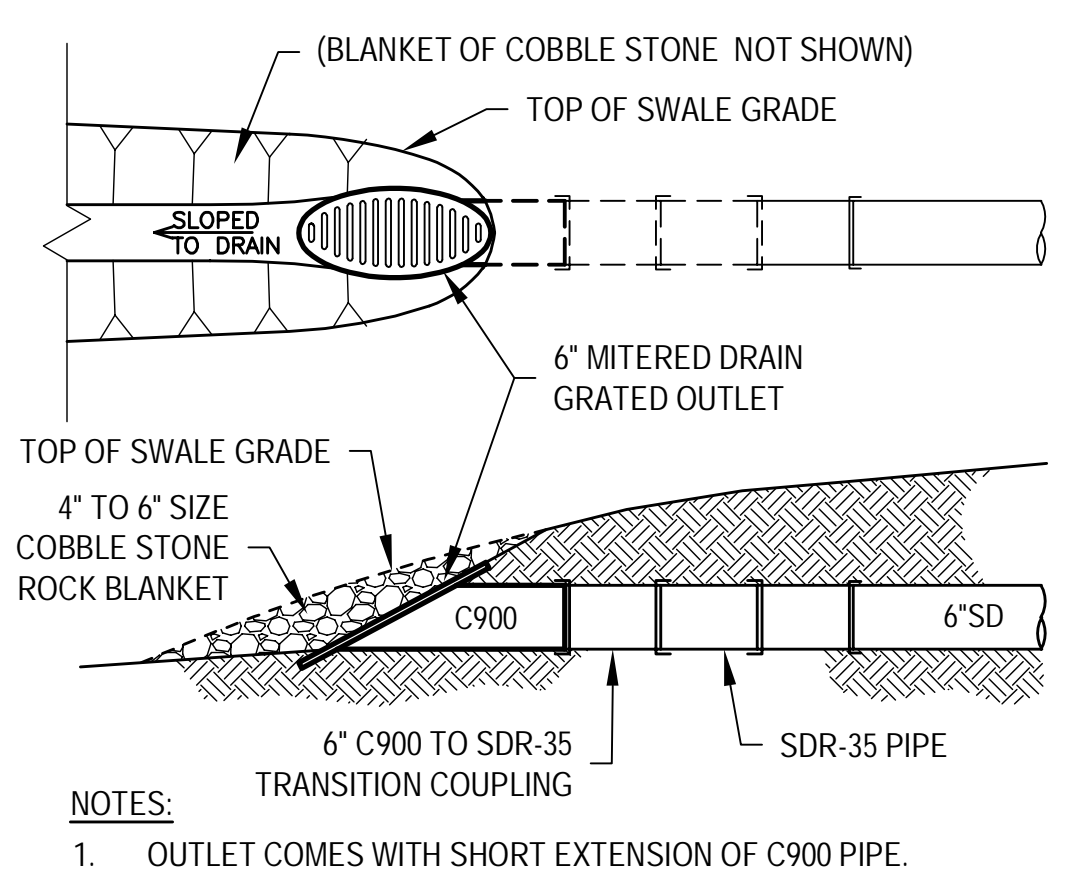
3 ADDITION OF 4\"/>



4 DEMOTION OF DRINKING FOUNTAIN WATERLINE
N.T.S.



5 ADDITION OF 4\"/>

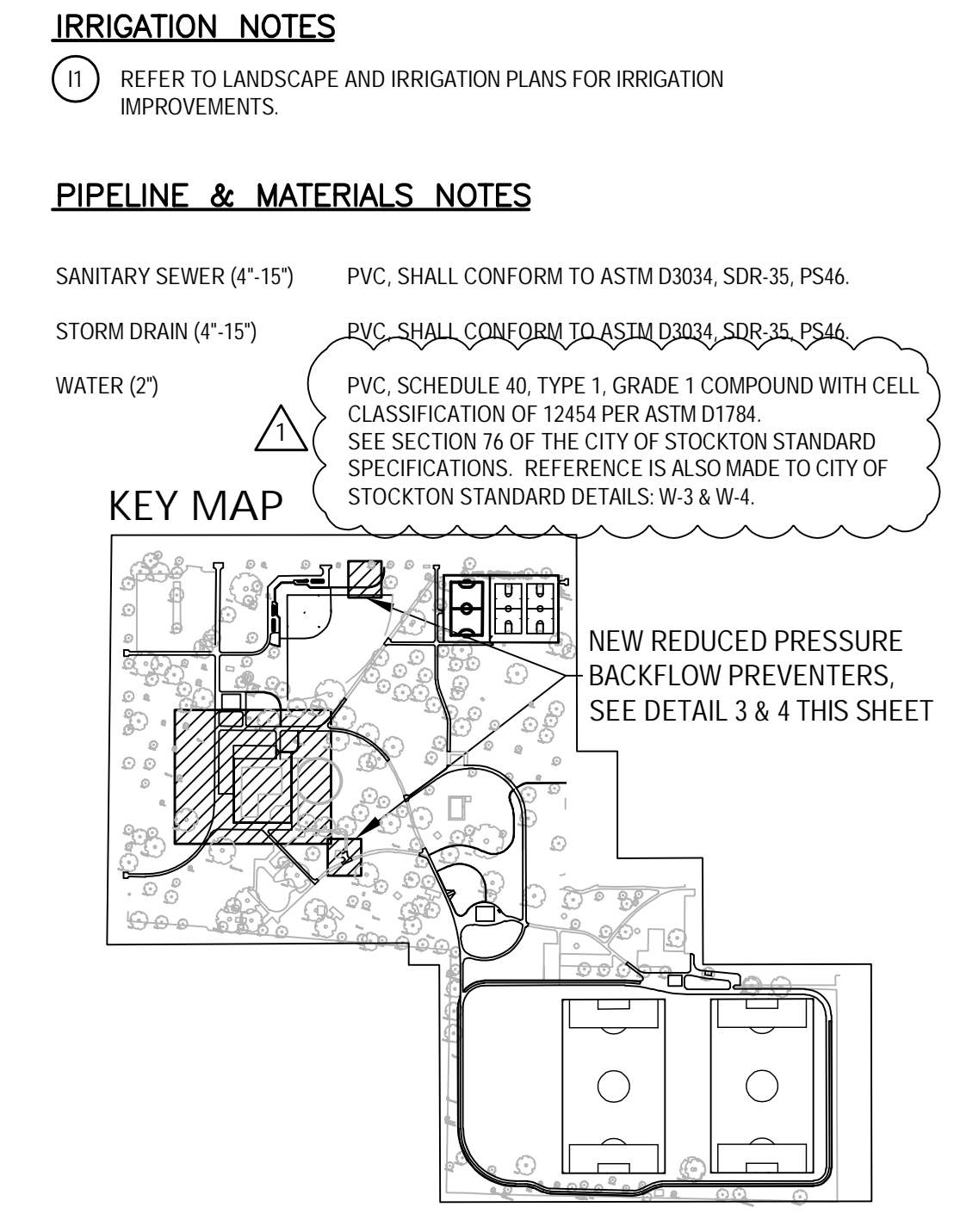


6 MITERED DRAIN OUTLET
N.T.S.



7 ACO TRENCH DRAIN STRUCTURE
N.T.S.

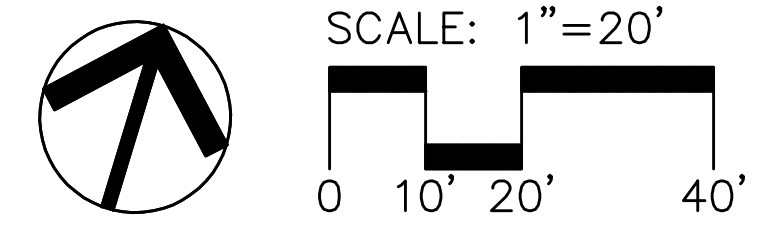
- GENERAL UTILITY NOTES:**
- ALL PIPELINE JOINTS AND INSTALLATION SHALL CONFORM WITH THE PIPE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND THE REQUIREMENTS OF ASTM SPECIFICATIONS C443, LATEST REVISION.
 - ALL FITTINGS SHALL MATCH THE TYPE OF PIPE BEING USED.
 - JOINING OF UNLIKE PIPE SECTIONS SHALL BE WITH APPROVED FLEXIBLE BAND SEALS OR TRANSITION COUPLINGS ONLY.
 - ALL ON-SITE TRENCHING SHALL CONFORM TO TRENCHING DETAIL, THESE PLANS.
 - ALL NON-FERROUS PIPES SHALL BE INSTALLED WITH TRACE WIRE.
 - NATURAL GAS & ELECTRICAL SERVICES SHOWN ARE FOR REFERENCE ONLY AND ARE BY OTHERS. CONTRACTOR SHALL COORDINATION WITH PROJECT MANAGER FOR THE LOCATION AND INSTALLATION OF SAID IMPROVEMENTS.
- SANITARY SEWER NOTES**
- INSTALL CLEANOUT TO GRADE PER COS STD DWG S-18. PRIOR TO CONSTRUCTION, FIELD VERIFY EXISTING PIPE DIAMETER AND DEPTH.
- STORM DRAIN NOTES**
- INSTALL 28" ± OF "ACO KLASSICRAIN SERIES" SHALLOW SLOT DRAIN, MODEL KS100, OR APPROVED EQUAL. SLOT DRAIN INVERT DEPTHS RANGE FROM 4" TO 6.5" MEASURED FROM FINISH GRADE. SEE DETAIL 7, THIS SHEET.
 - INSTALL COBBLE STONE ROCK PACK AT SLOT DRAIN OUTFALL. SEE DETAIL 6 THIS SHEET. ROCK BEDDING INVERT TO MAINTAIN 0.5% SLOPE INTO LANDSCAPE AREAS.
 - RECONSTRUCT SHALLOW CAST-IN-PLACE 5'0" CONCRETE SDMH WITH PRECAST CONC FLAT LID AND 30"Ø FRAME AND SOLID LID. PRIOR TO CONSTRUCTION, FIELD VERIFY DEPTHS AND LOCATIONS OF PIPES CONNECTING INTO THIS JUNCTION POINT.
 - INSTALL UNDER DRAIN TO DIRECT FLOW UNDER POOL DECK INTO LANDSCAPE AREAS.
- WATER LINE NOTES**
- CONNECT TO EXISTING WATER LINE RUN 2" LINE TO BUILDING AS SHOWN.
 - INSTALL WATER METERS, VALVES AND REDUCED PRESSURE ASSEMBLIES CONFORMING TO CALWATER STANDARD PLANS AND SPECIFICATIONS.
 - DOMESTIC REDUCED PRESSURE ASSEMBLIES MUST BE SITUATED WITHIN 4 FEET OF WATER METER.
 - INSTALL 6" REDUCED PRESSURE BACKFLOW PREVENTER. SEE DETAIL 3 SHEET CZ502.
 - REMOVE (E) DOUBLE CHECK BACKFLOW PREVENTER AND REPLACE WITH 4" Ø REDUCED PRESSURE BACKFLOW PREVENTER. SEE DETAIL 3 SHEET CZ502.
- IRRIGATION NOTES**
- REFER TO LANDSCAPE AND IRRIGATION PLANS FOR IRRIGATION IMPROVEMENTS.
- PIPELINE & MATERIALS NOTES**
- SANITARY SEWER (4"-15") PVC, SHALL CONFORM TO ASTM D3034, SDR-35, PS46.
- STORM DRAIN (4"-15") PVC, SHALL CONFORM TO ASTM D3034, SDR-35, PS46.
- WATER (2") PVC, SCHEDULE 40, TYPE 1, GRADE 1 COMPOUND WITH CELL CLASSIFICATION OF 12454 PER ASTM D1784. SEE SECTION 76 OF THE CITY OF STOCKTON STANDARD SPECIFICATIONS. REFERENCE IS ALSO MADE TO CITY OF STOCKTON STANDARD DETAILS: W-3 & W-4.



File Path: P:\2103_COS_Mckinley_Pool_Improvements\Project\01_CAD\02_Plan\020_CAD\Sheet\CU203.dwg Plot Date: 11/11/22 2:56:57 PM
Copyright © 2023 Callander Associates, Inc.

MINIMUM SLOPES FOR GRAVITY FLOW PIPES:

PIPE SIZE	SLOPE
4"	0.0100
6"	0.0070
8"	0.0050
10"	0.0035
12"	0.0025
15"	0.0020
18"	0.0015



Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK

KJELDSEN SINNOCK NEUDECK
INC. CIVIL ENGINEERS & LAND SURVEYORS
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0288
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900
www.kjinc.com

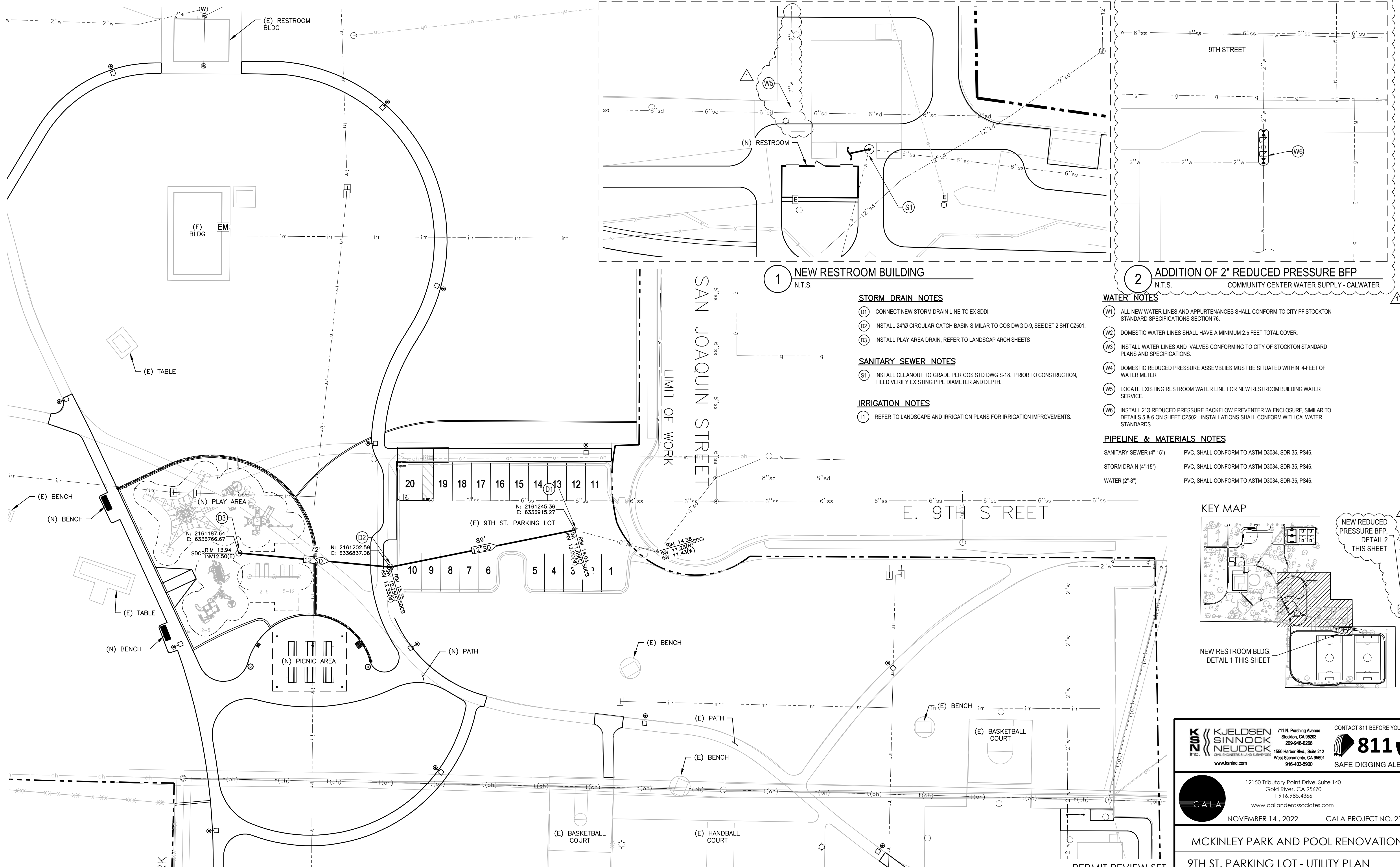
CONTACT 811 BEFORE YOU DIG
811
SAFE DIGGING ALERT

CALLA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
POOL HOUSE - UTILITY PLAN

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	JDK	DATE	CU203
DRAWN BY	PX	CITY ENGINEER	25 OF 162 SHEETS
CHECKED BY	SKS	STOCKTON, CALIFORNIA	WR21017
RECORD DWGS.			PROJECT NO.



1 NEW RESTROOM BUILDING
N.T.S.

2 ADDITION OF 2" REDUCED PRESSURE BFP
N.T.S. COMMUNITY CENTER WATER SUPPLY - CALWATER

STORM DRAIN NOTES

- (D1) CONNECT NEW STORM DRAIN LINE TO EX SDDI.
- (D2) INSTALL 24"Ø CIRCULAR CATCH BASIN SIMILAR TO COS DWG D-9. SEE DET 2 SHT CZ501.
- (D3) INSTALL PLAY AREA DRAIN. REFER TO LANDSCAP ARCH SHEETS

SANITARY SEWER NOTES

- (S1) INSTALL CLEANOUT TO GRADE PER COS STD DWG S-18. PRIOR TO CONSTRUCTION, FIELD VERIFY EXISTING PIPE DIAMETER AND DEPTH.

IRRIGATION NOTES

- (I1) REFER TO LANDSCAPE AND IRRIGATION PLANS FOR IRRIGATION IMPROVEMENTS.

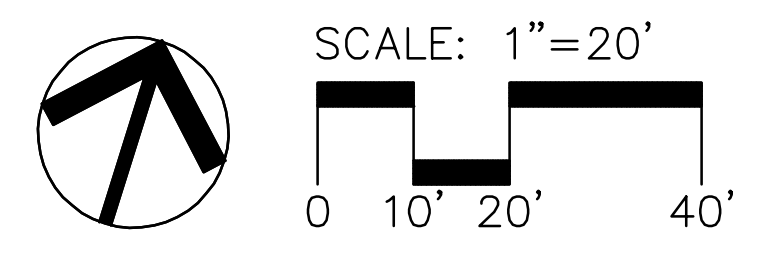
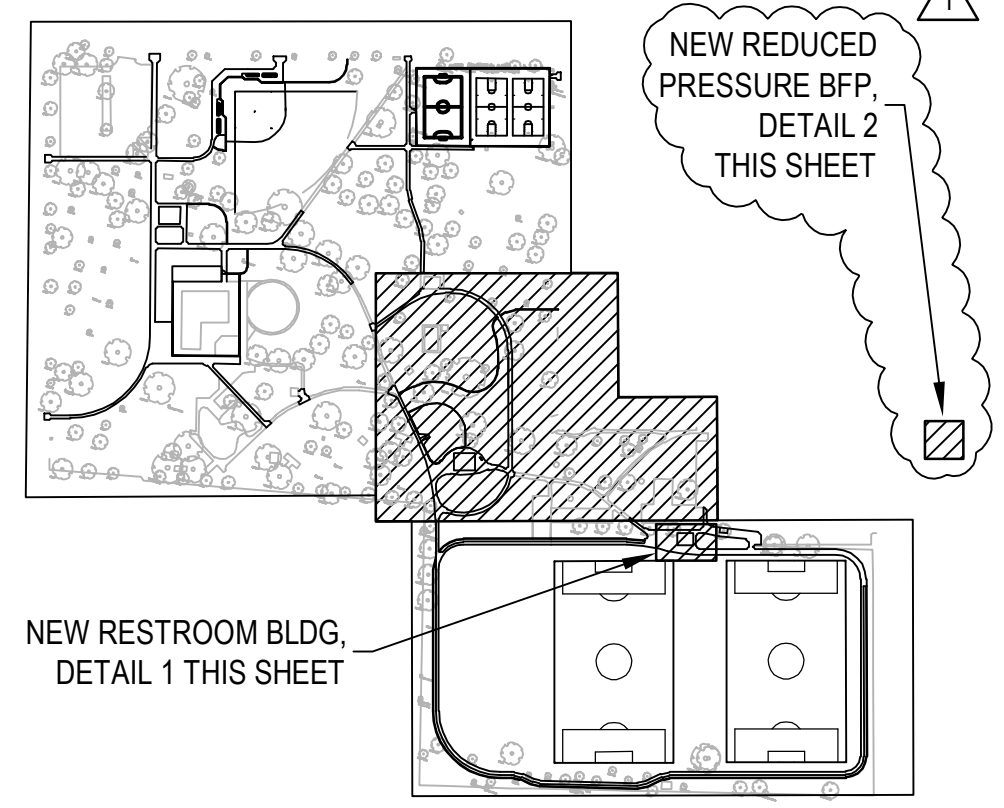
WATER NOTES

- (W1) ALL NEW WATER LINES AND APPURTENANCES SHALL CONFORM TO CITY PF STOCKTON STANDARD SPECIFICATIONS SECTION 76.
- (W2) DOMESTIC WATER LINES SHALL HAVE A MINIMUM 2.5 FEET TOTAL COVER.
- (W3) INSTALL WATER LINES AND VALVES CONFORMING TO CITY OF STOCKTON STANDARD PLANS AND SPECIFICATIONS.
- (W4) DOMESTIC REDUCED PRESSURE ASSEMBLIES MUST BE SITUATED WITHIN 4-FEET OF WATER METER
- (W5) LOCATE EXISTING RESTROOM WATER LINE FOR NEW RESTROOM BUILDING WATER SERVICE.
- (W6) INSTALL 2"Ø REDUCED PRESSURE BACKFLOW PREVENTER W/ ENCLOSURE, SIMILAR TO DETAILS 5 & 6 ON SHEET CZ502. INSTALLATIONS SHALL CONFORM WITH CALWATER STANDARDS.

PIPELINE & MATERIALS NOTES

- SANITARY SEWER (4"-15") PVC, SHALL CONFORM TO ASTM D3034, SDR-35, PS46.
- STORM DRAIN (4"-15") PVC, SHALL CONFORM TO ASTM D3034, SDR-35, PS46.
- WATER (2"-8") PVC, SHALL CONFORM TO ASTM D3034, SDR-35, PS46.

KEY MAP



Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK

KJELSDEN SINNOCK NEUDECK
INC. CIVIL ENGINEERS & LAND SURVEYORS
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0288
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-6900
www.ksninc.com

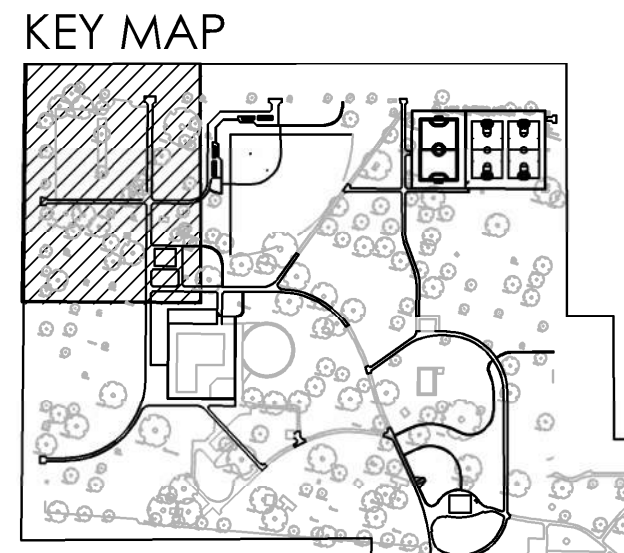
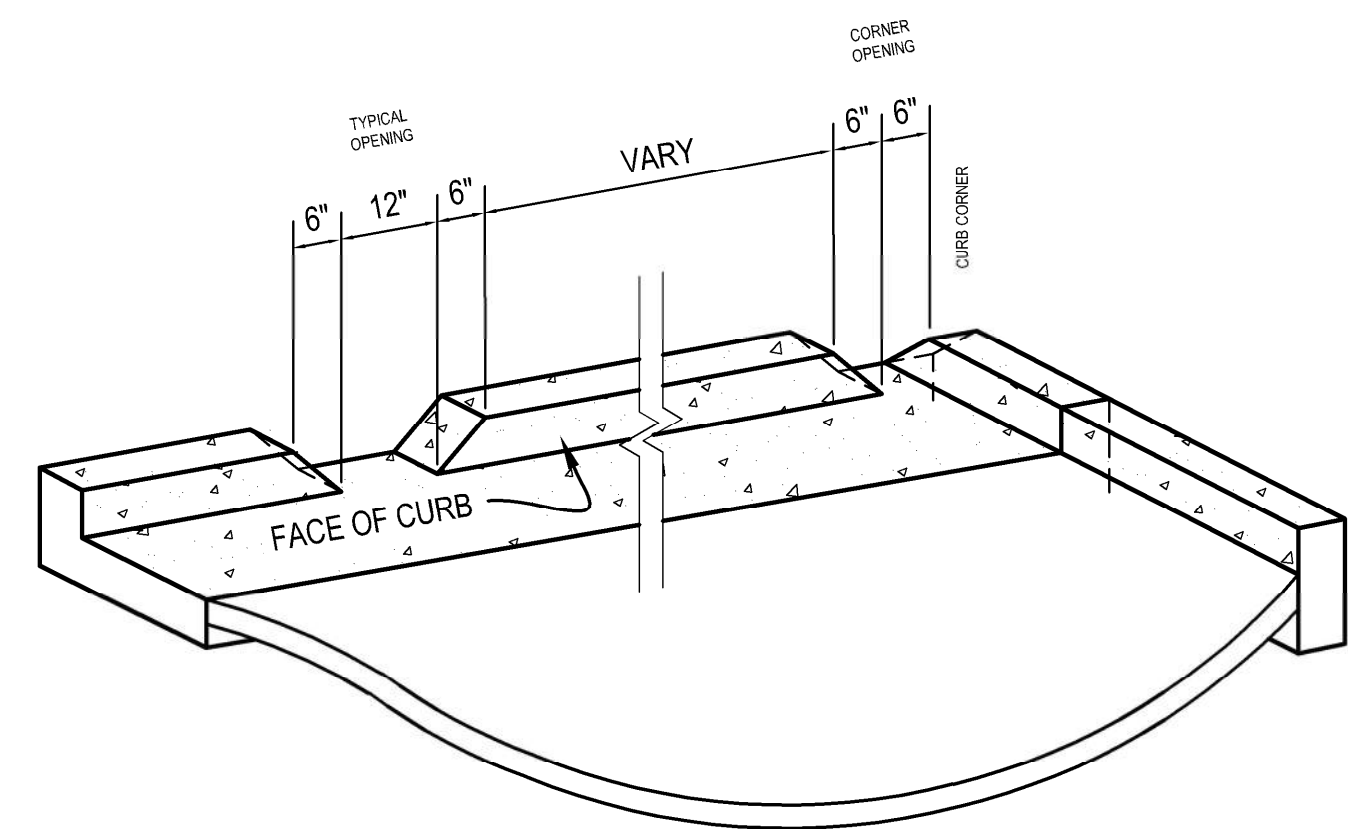
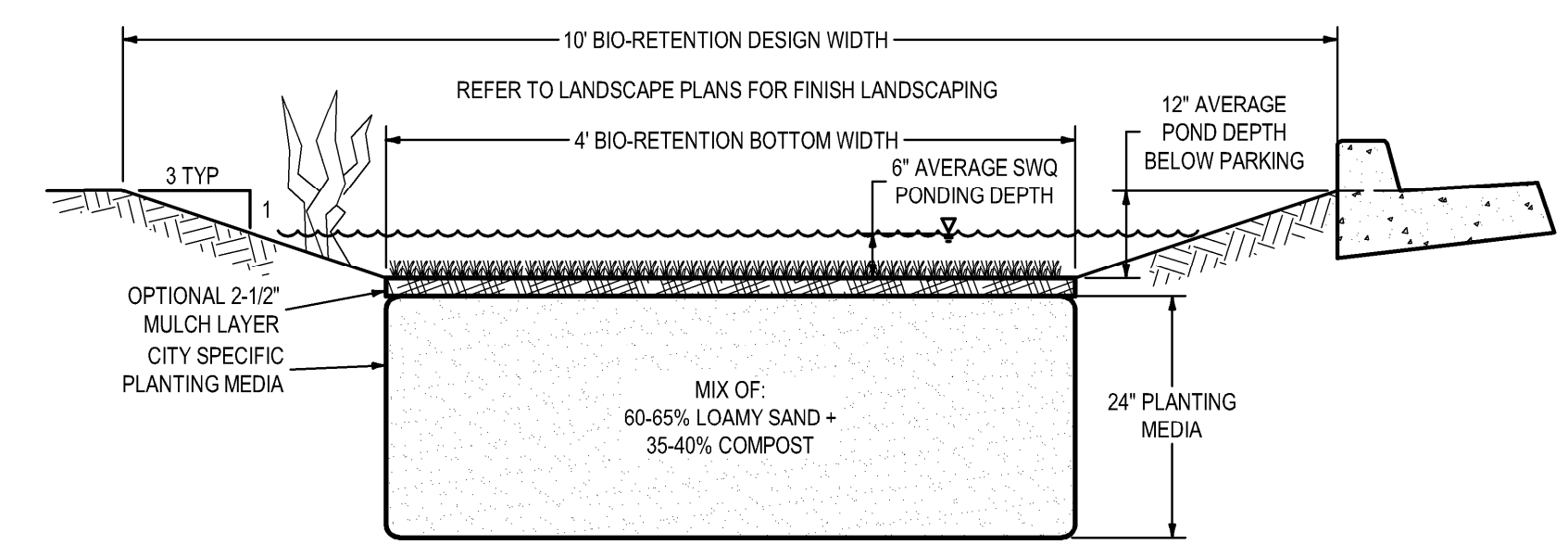
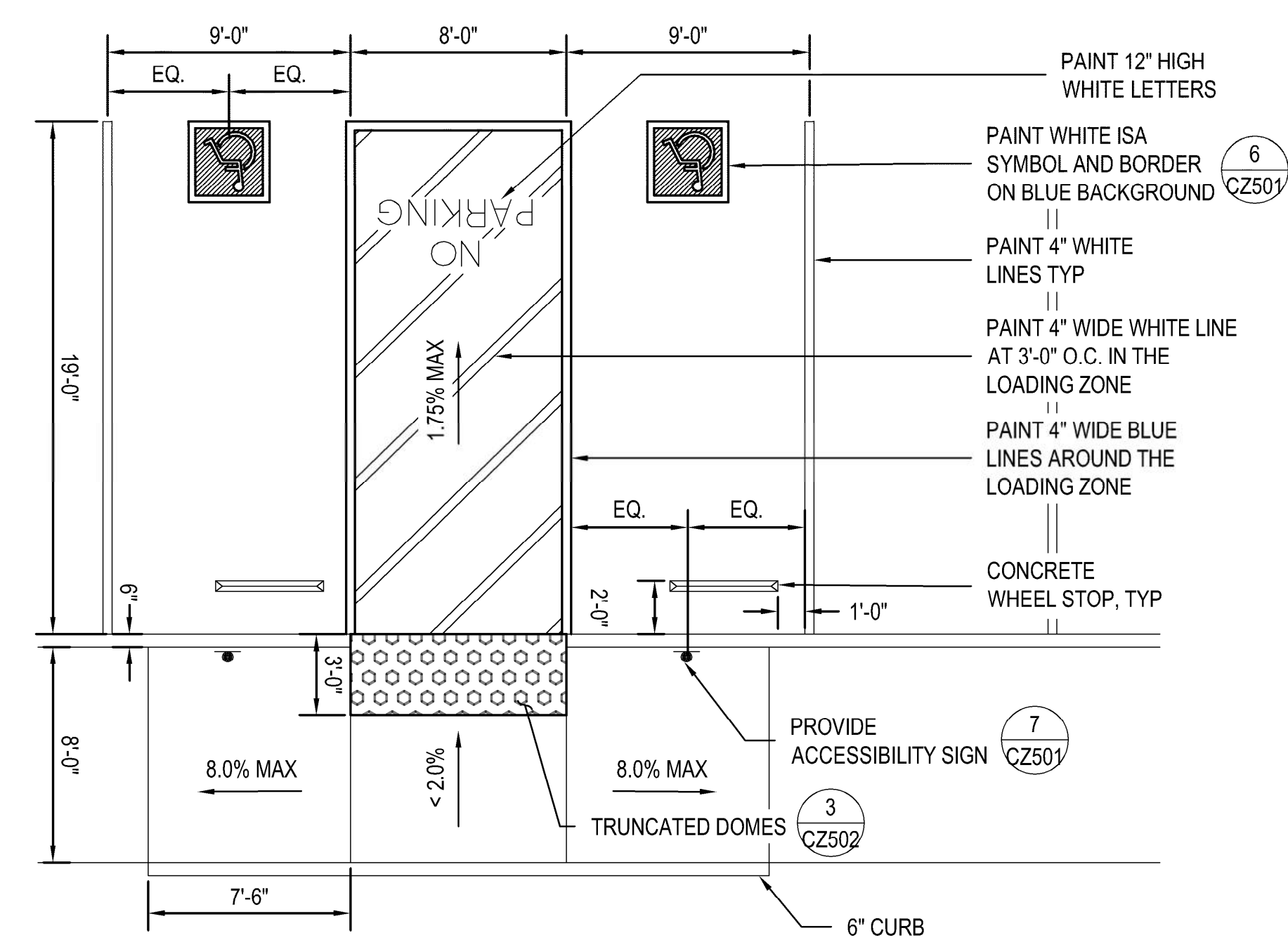
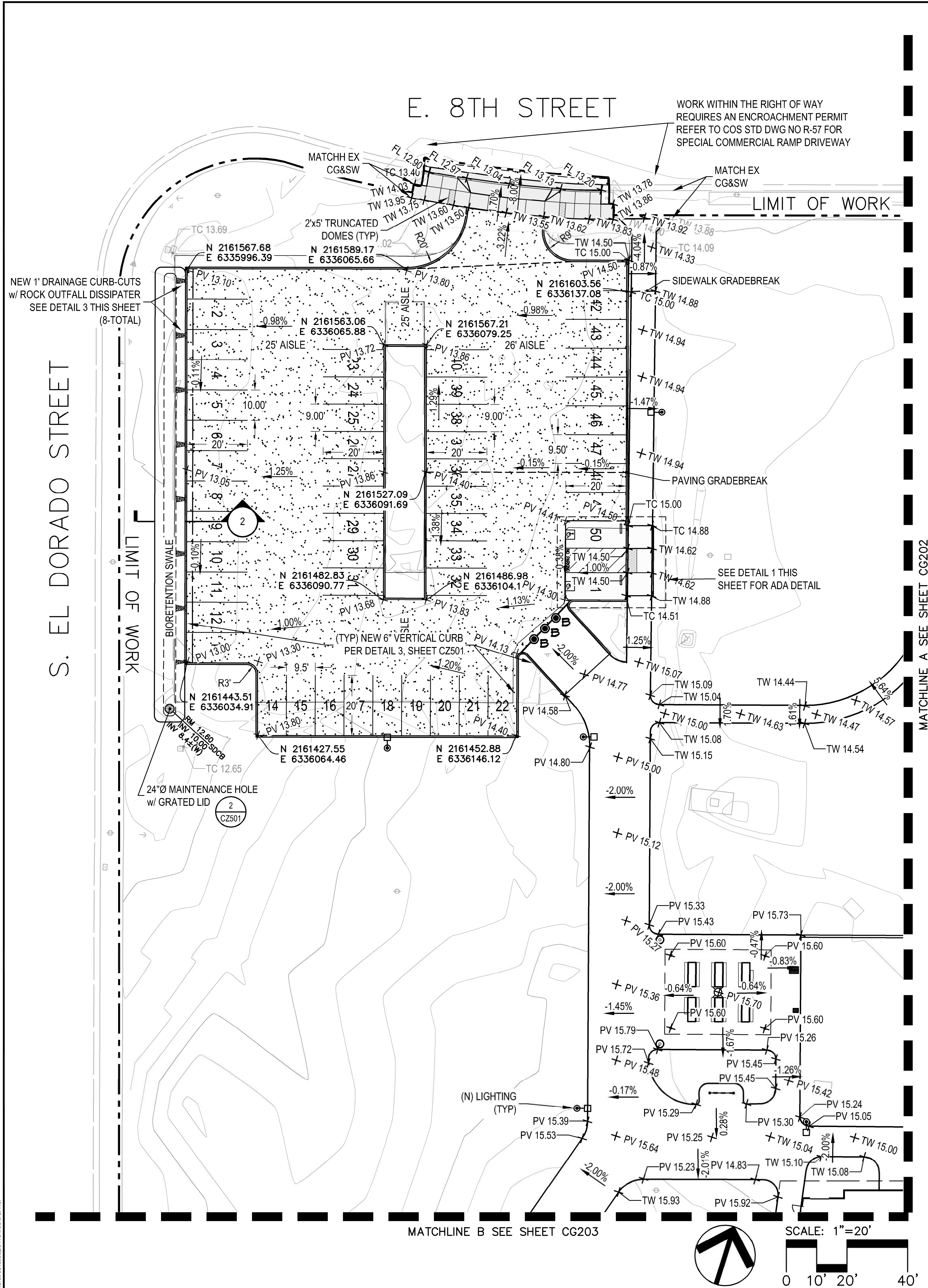
811
SAFE DIGGING ALERT
CONTACT 811 BEFORE YOU DIG

CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
9TH ST. PARKING LOT - UTILITY PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. CU204 26 OF 162 SHTS
CITY ENGINEER STOCKTON, CALIFORNIA		CITY ENGINEER STOCKTON, CALIFORNIA	PROJECT NO. WR21017

File Path: P:\3451_COS_McKinley_Park_Improvement_Project\08_Civil\08_Plan\02_CAD_Sheets\C1202.dwg Plot Date: 11/17/22 Saved By: jkeldsen
 Copyright © 2022 Callander Associates, Inc.



- GRADING ABBREVIATIONS:**
(SUPERCEDES TITLE SHEET)
- BW BACK OF WALK
 - EC EDGE OF CONCRETE
 - EG EXISTING GRADE/GROUND
 - EP EDGE OF PAVEMENT
 - FF FINISHED FLOOR
 - FG FINISHED GRADE
 - FL FLOW LINE
 - GB GRADE BREAK
 - GR GRATE
 - HP HIGH POINT
 - INV INVERT
 - LC LIP OF CONCRETE
 - LP LOW POINT
 - PV PAVEMENT
 - RM RIM/LID/COVER
 - TC TOP OF CURB/CONCRETE
 - TD TOP OF DRIVE
 - TS TOP OF SLAB
 - TW TOP OF WALK/WALL

- GENERAL GRADING NOTES:**
- 1 ALL ELEVATIONS IN PAVED AREAS REFERENCE FINISHED PAVING ELEVATION, OR AS OTHERWISE NOTED.
 - 2 ALL NEW WALKS SHALL HAVE CROSS-SLOPES LESS THAN 2.0%.
 - 3 ALL NEW WALKS SHALL HAVE LONGITUDINAL SLOPES LESS THAN 5.0%.
 - 4 WHERE A NEW WALK MEETS AN EXISTING WALK WITH A CROSS-SLOPE STEEPER THAN 2.0%, CONTRACTOR SHALL REMOVE UP TO A MAXIMUM OF 10 ADDITIONAL FEET OF EXISTING WALK AND REPLACE WITH A SMOOTH LINEAR TRANSITION WALK. AT THE DISCRETION OF THE LOCAL AGENCY, A FEATHER-FILL ASPHALT TRANSITION MAY BE USED IN LIEU OF CONSTRUCTING THE TRANSITION WALK.
 - 5 DESIGNATED ACCESSIBLE PARKING AREAS SHALL HAVE SLOPES LESS THAN 2.00% IN ANY DIRECTION.
 - 6 UNLESS OTHERWISE DIRECTED BY THE ARCHITECT, EXTERIOR GRADES AT ENTRANCE DOORS SHALL BE LESS THAN 1/4-INCH FROM BUILDING FINISH FLOOR ELEVATION AND HAVE LANDINGS WITH SLOPES LESS THAN 2.0% IN ANY DIRECTION.
 - 7 CONTRACTOR SHALL REGRADE AND BLEND ALL SURROUNDING AREAS FOR SMOOTH TRANSITIONS WITH NEW IMPROVEMENTS.
 - 8 ALL VERTICAL CURBS AND WALKS ARE 6-INCHES IN HEIGHT EXCEPT WHERE SHOWN OTHERWISE.
 - 9 SUBGRADE COMPACTIONS SHALL MEET THE REQUIREMENTS IN THE GEOTECHNICAL REPORT.

- LEGEND**
- NEW ASPHALT CONCRETE, SEE DETAIL 8, SHEET CZ501
 - NEW PORTLAND CEMENT CONCRETE, SEE DETAILS AND STANDARD DRAWINGS

KJELDSSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
www.kjnsinc.com

711 N. Pershing Avenue
Stockton, CA 95203
209-945-0288

1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

811
SAFE DIGGING ALERT

CONTACT 811 BEFORE YOU DIG

CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

GRADING PLAN 1

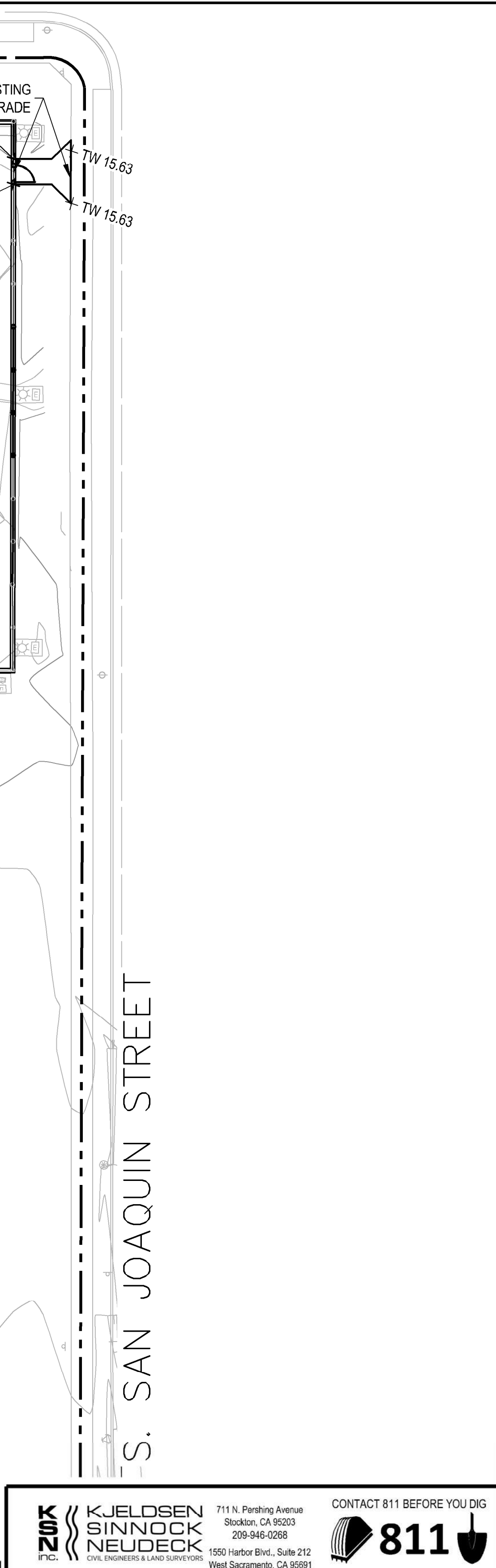
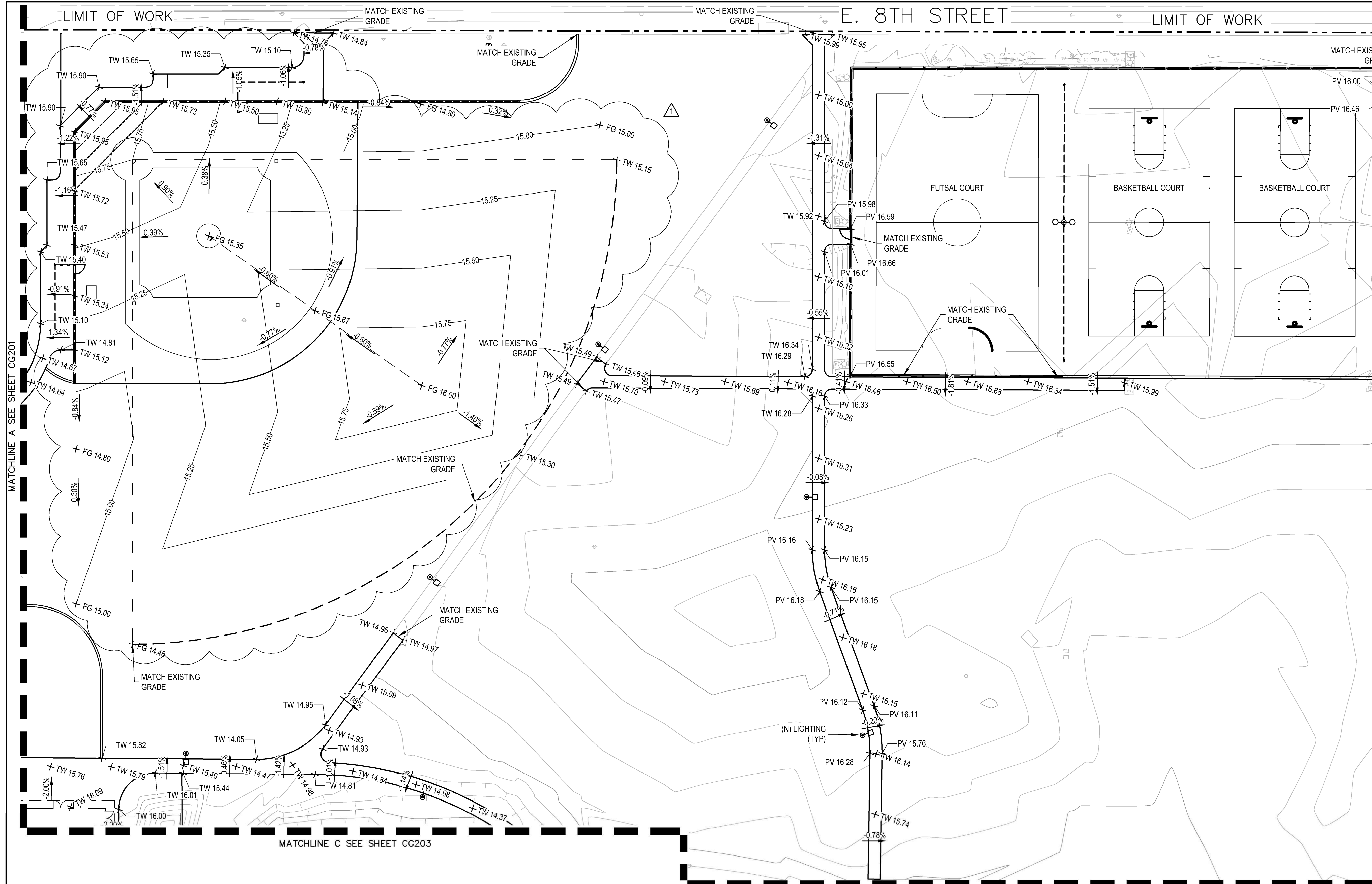
Revision No.	Description	Date	By	Aprvd. By

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. CG201
DESIGNED BY JDK		27 OF 162 SHTS
DRAWN BY PK		
CHECKED BY SKS	CITY ENGINEER	WR21017
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.

COORDINATES, BEARINGS, AND DISTANCES ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, CGS83, ZONE 3 (1991.35 EPOCH), AS REFERENCED BY AVAILABLE CITY OF STOCKTON PUBLISHED CONTROL MONUMENTS. ALL DISTANCES ARE GRID. GROUND DISTANCES MUST BE MULTIPLIED BY A COMBINED SCALE FACTOR (CSF) OF 0.999938366 TO OBTAIN GRID DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT. A CONVERGENCE ANGLE OF -0°28'45.5" AND THE CSF WERE DETERMINED AT CONTROL POINT 31.

48 From PLS-10, COS, Inc. (2010). Improved. Project: MCKINLEY PARK AND POOL RENOVATION. Project No. 21013. Date: 11/14/2022. Source: PLS-10. Copyright © 2020. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without the prior written permission of the publisher.



MATCHLINE A SEE SHEET CG201

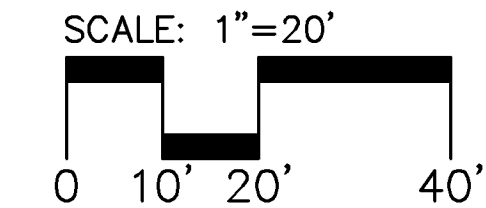
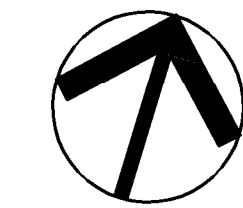
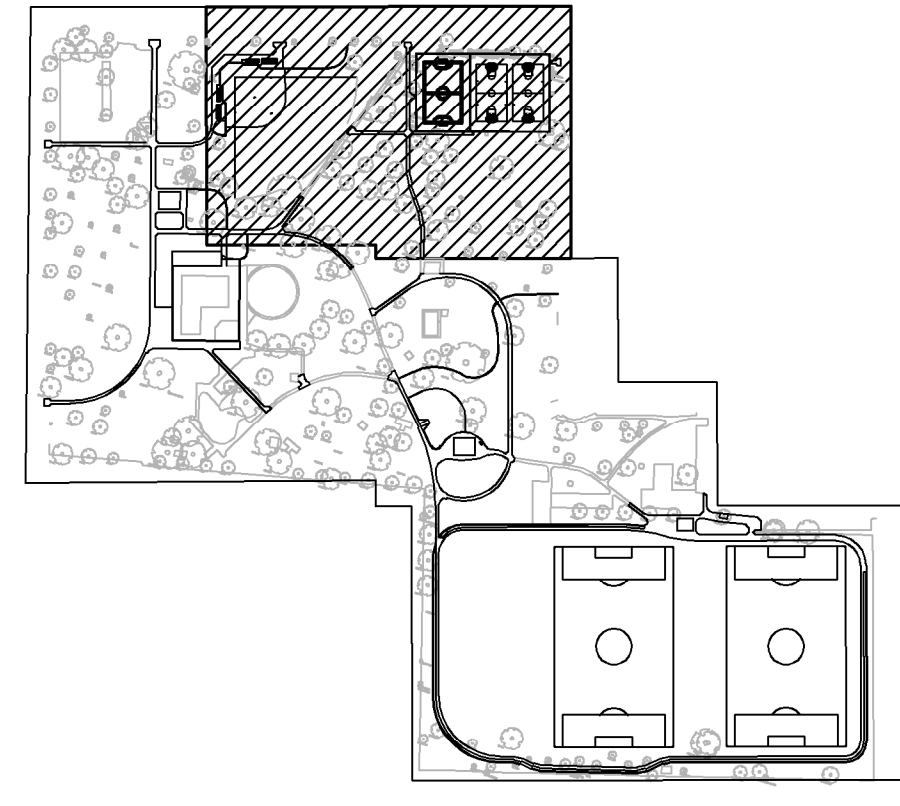
MATCHLINE C SEE SHEET CG203

MATCHLINE C SEE SHEET CG204

S. SAN JOAQUIN STREET

E. 8TH STREET

KEY MAP



KJELDOSEN SINNOCK NEUDECK
 CIVIL ENGINEERS & LAND SURVEYORS
 711 N. Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 www.ksninc.com

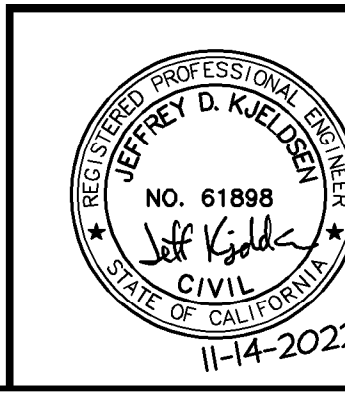
CONTACT 811 BEFORE YOU DIG
811
 SAFE DIGGING ALERT

CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

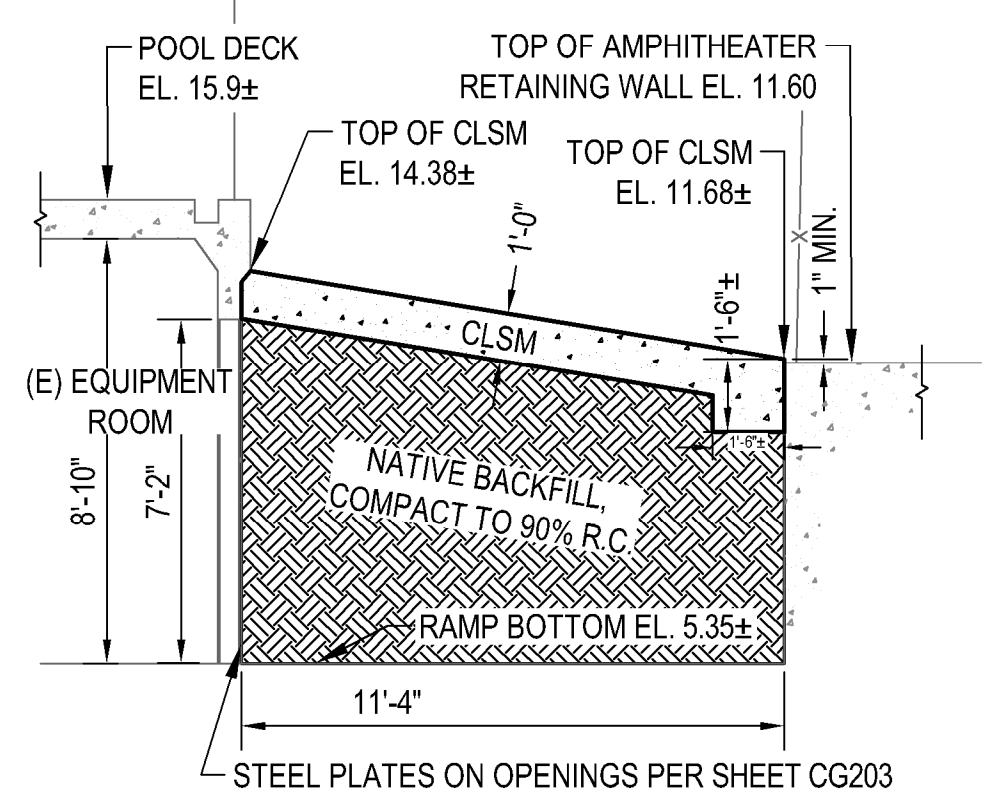
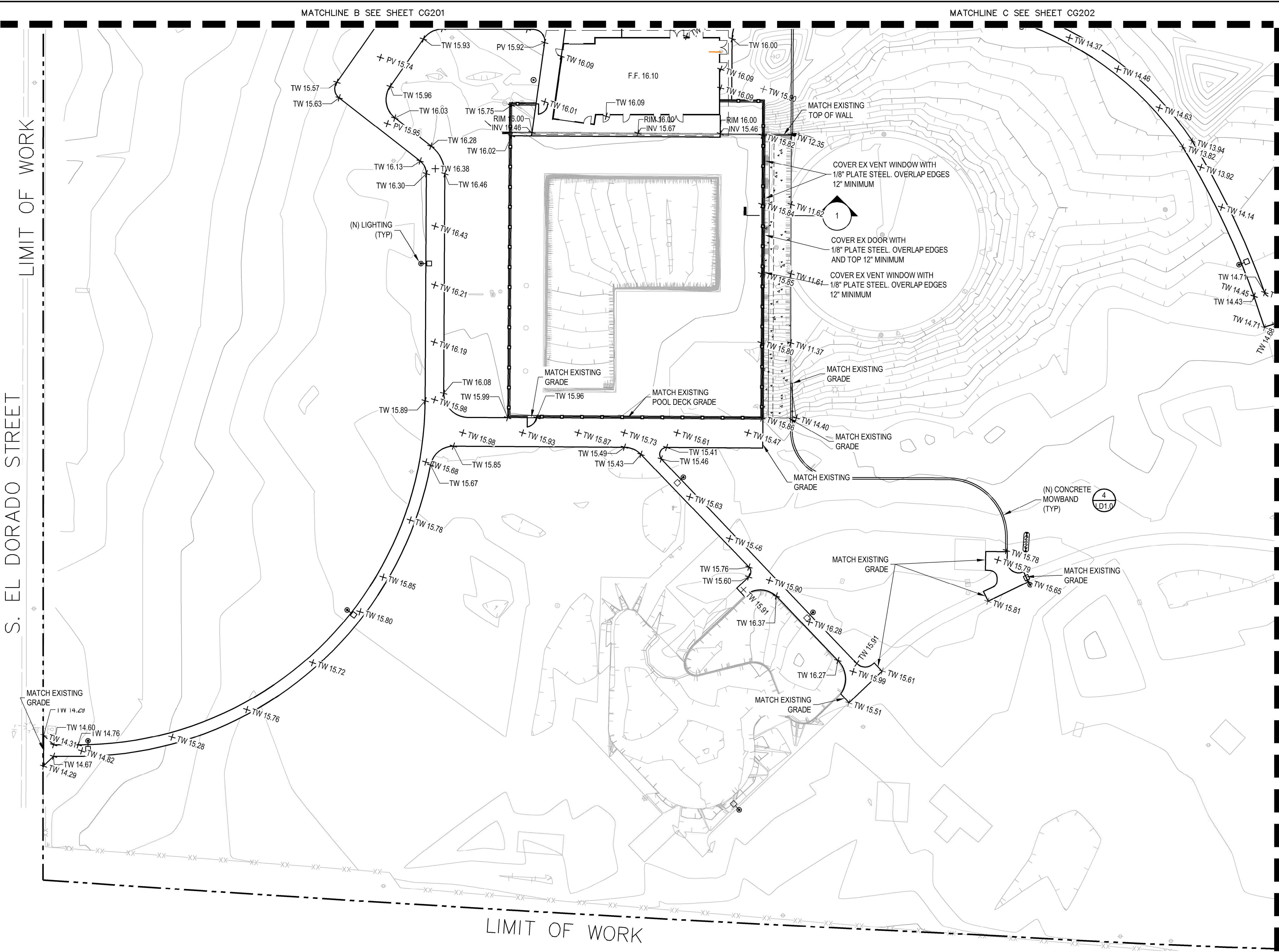
MCKINLEY PARK AND POOL RENOVATION
GRADING PLAN 2

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE AS SHOWN	DESIGNED BY	DATE	CG202
DRAWN BY	CHECKED BY	CITY ENGINEER	28 OF 162 SHTS
RECORD DWGS.	Response to Permit Cyc-1 Comments	STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK

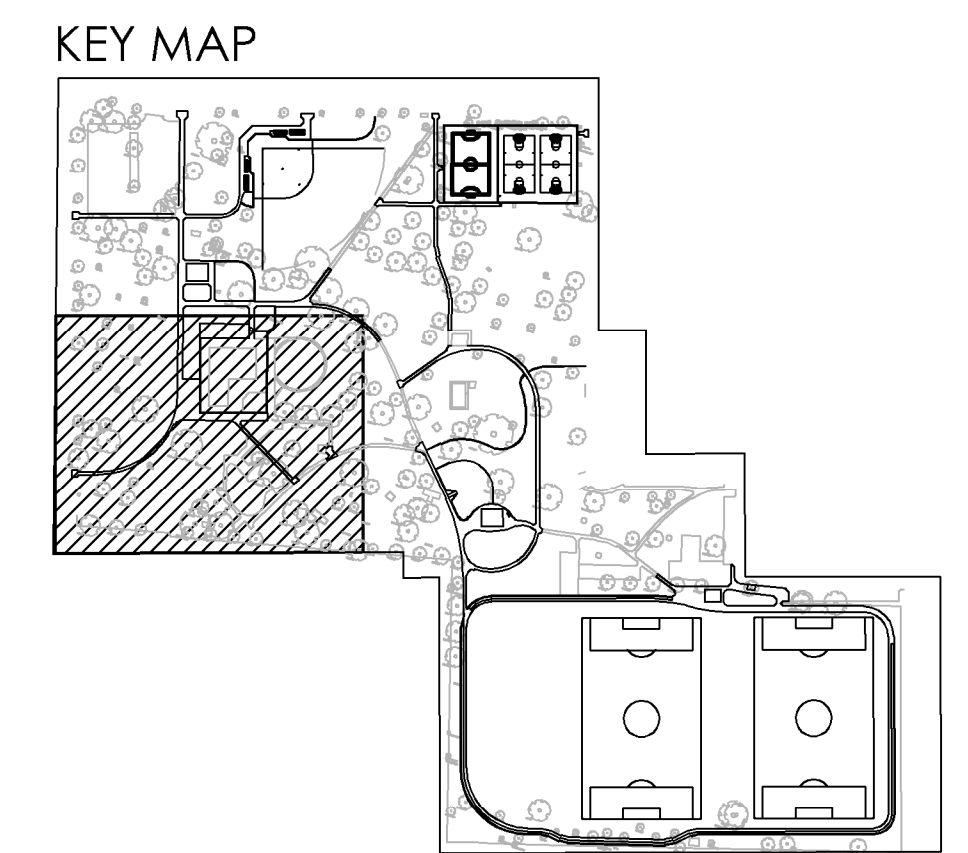


File Path: P:\2411_CCS_Mckinley Park Renovation\Project\08_Civil\00_Plan\020_CAD\Drawn\CG2020.dwg Plot Date: 11/14/22 Saved By: jkjohnson Copyright © 2022 Calander Associates. All rights reserved.



CONTROL LOW STRENGTH MATERIAL (CLSM) SPECIFICATION:
 CLSM MIX SHALL CONFORM TO CALTRANS STANDARD SPECIFICATIONS, SECTION 19-3.02D. "SLURRY CEMENT BACKFILL."
 CEMENT SHALL CONFORM TO SECTION 90-1.02B(2), "CEMENT" EXCEPT TESTING IS NOT REQUIRED.

1 RAMP FILL DETAIL
N.T.S.



KJELDOSEN SINNOCK NEUDECK INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 711 N. Pershing Avenue
 Stockton, CA 95203
 209-946-0288
 1560 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900

CONTACT 811 BEFORE YOU DIG
811
 SAFE DIGGING ALERT

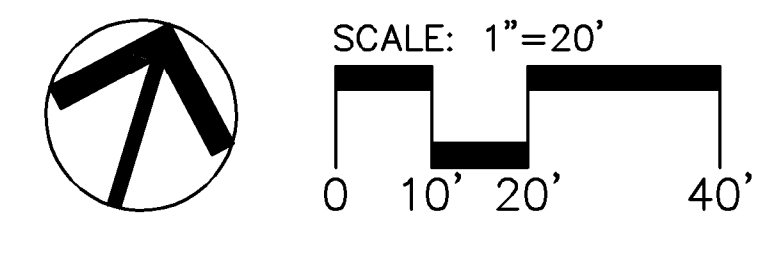
CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.calanderasassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
GRADING PLAN 3

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY JDK	DATE	CG203
DRAWN BY PK	CITY ENGINEER	29 OF 162 SHES
CHECKED BY SKS	STOCKTON, CALIFORNIA	WR21017
RECORD DWGS.		PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By



REGISTERED PROFESSIONAL ENGINEER
WAREFORD D. KJELDSEN
 No. 61898
 Jeff Kodak
 CIVIL
 STATE OF CALIFORNIA
 11-14-2022

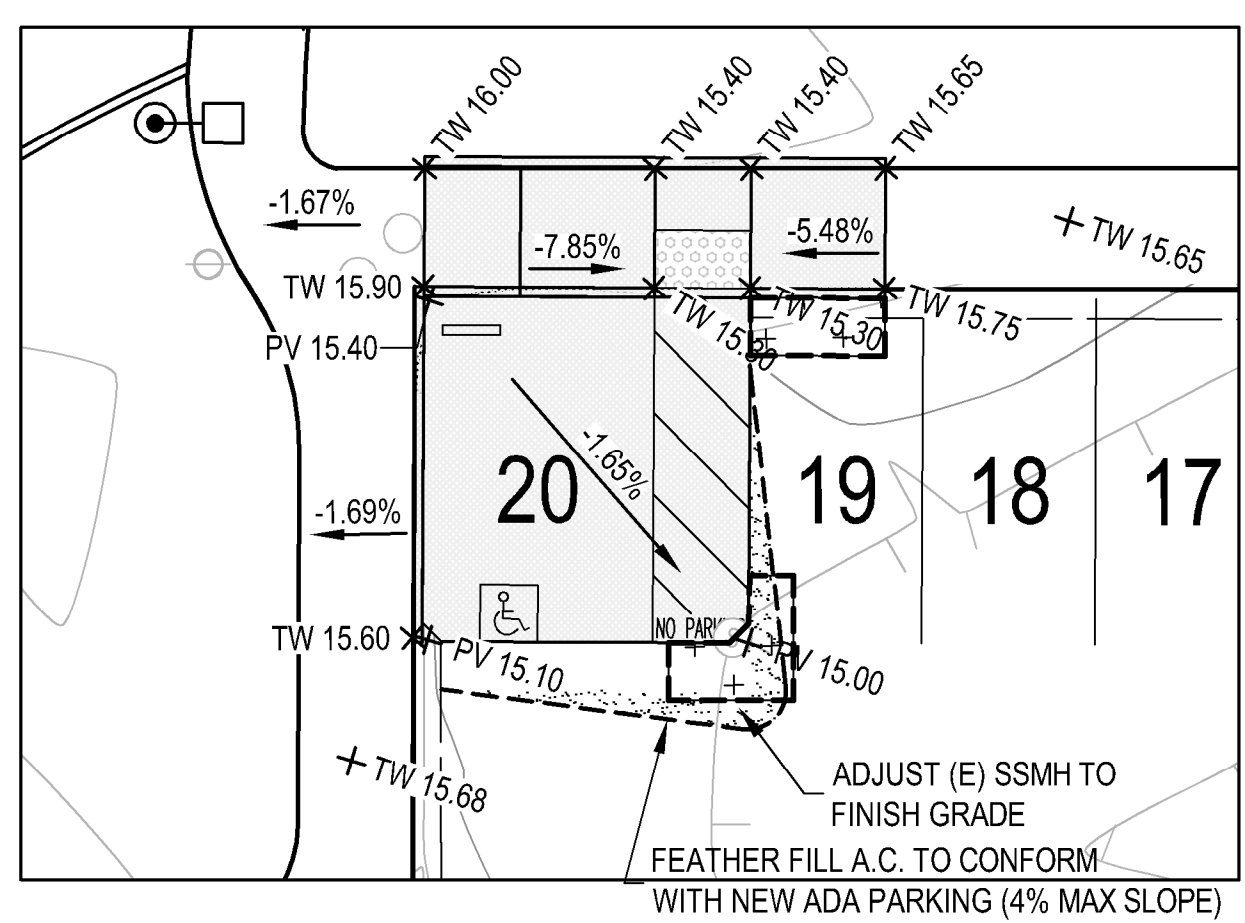
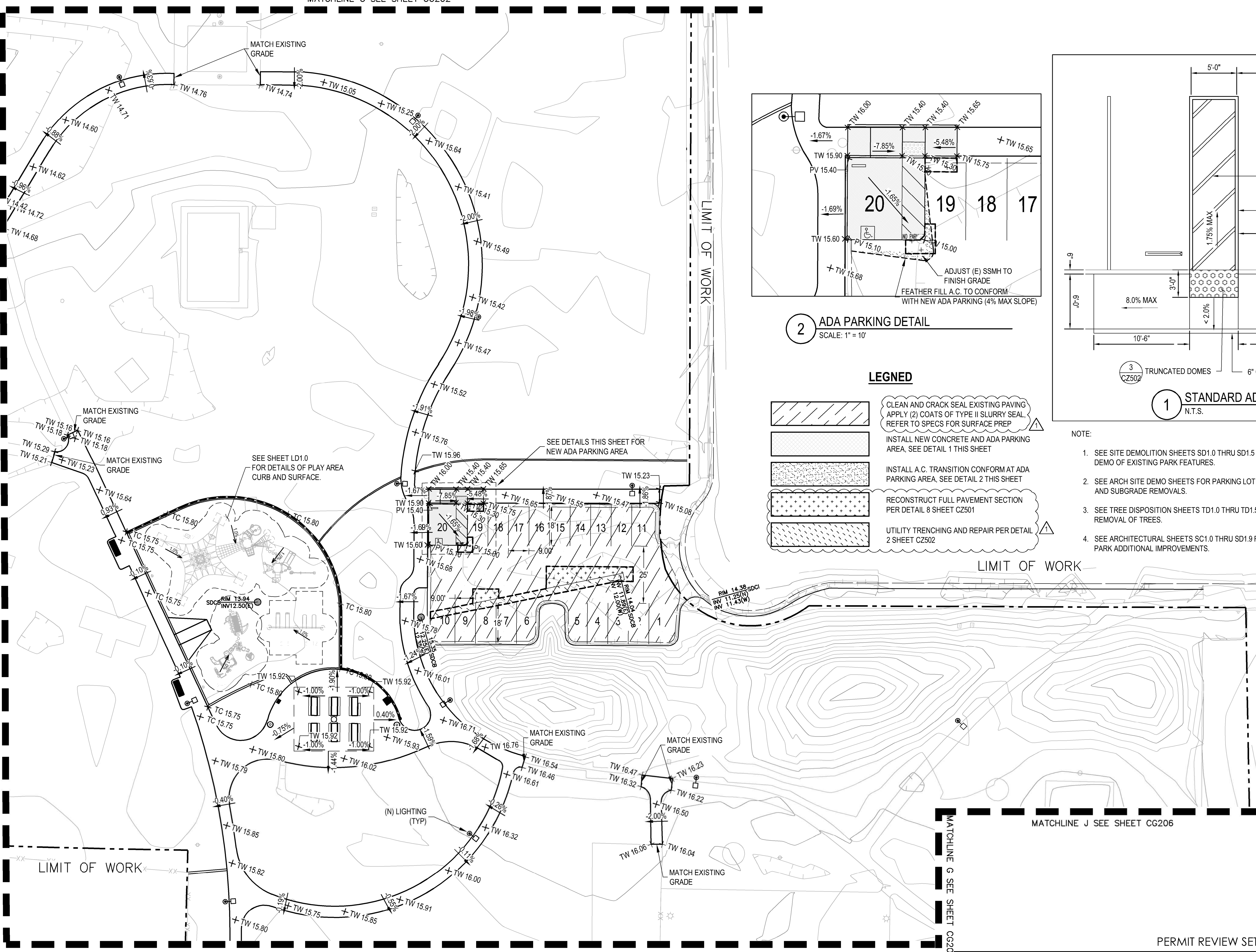
File Path: P:\2411 CGS McKinley Park Renovation Project\CGS\CG203.dwg Plot Date: 11/17/22 Saved By: jkeldsen
 Copyright © 2022 Calander Associates Landscape Architecture, Inc.

LIMIT OF WORK
 S. EL DORADO STREET
 LIMIT OF WORK

MATCHLINE C SEE SHEET CG202

MATCHLINE D SEE SHEET CG203

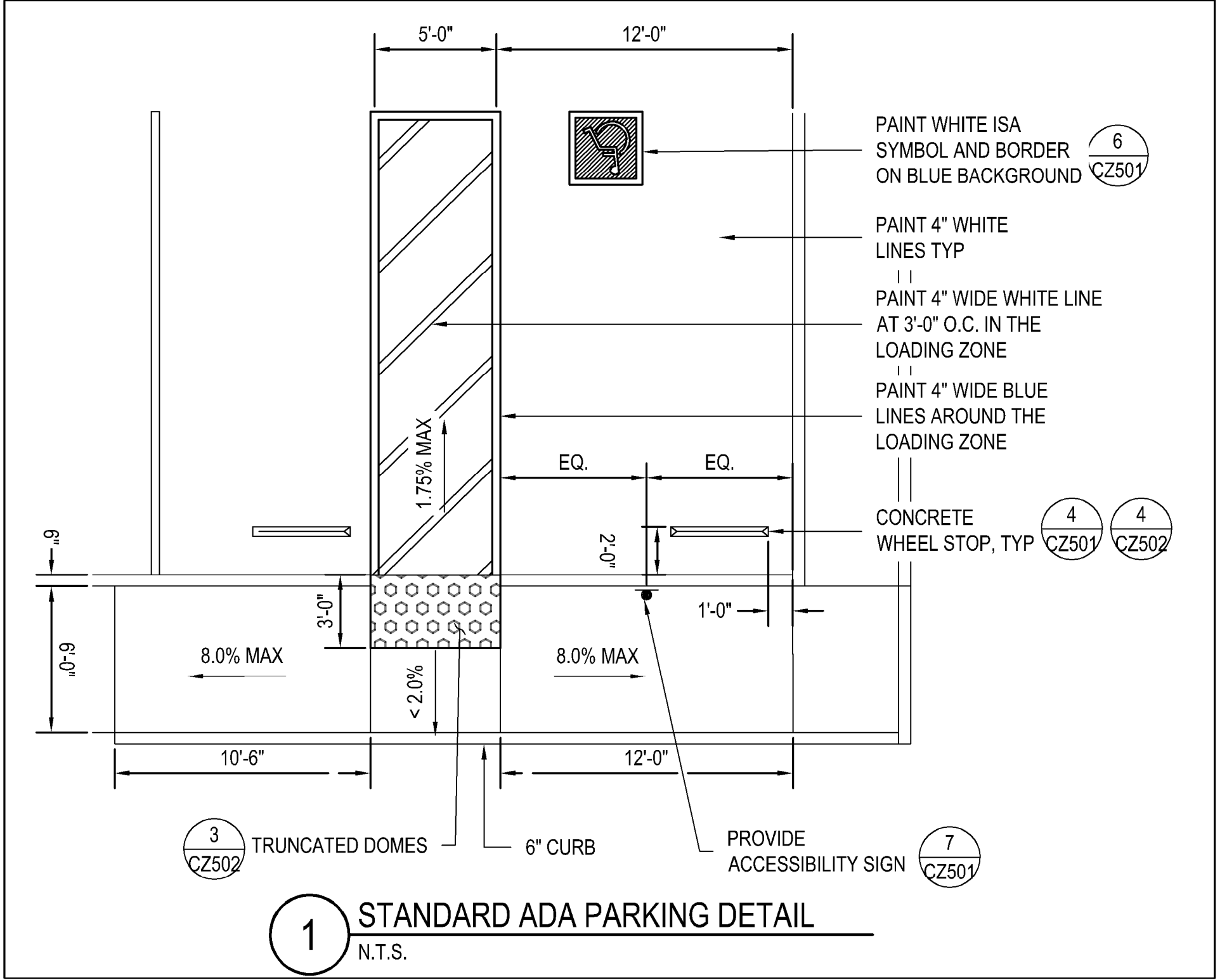
File Path: P:\3451_C05_Ackley_Park_Improvement_Proposal_CAD\Drawn_CG200.dwg Plot Date: 11/09/22 8:00 AM
Copyright © 2022 Calander Associates Inc.



2 ADA PARKING DETAIL
SCALE: 1" = 10'

LEGEND

- CLEAN AND CRACK SEAL EXISTING PAVING APPLY (2) COATS OF TYPE II SLURRY SEAL. REFER TO SPECS FOR SURFACE PREP
- INSTALL NEW CONCRETE AND ADA PARKING AREA. SEE DETAIL 1 THIS SHEET
- INSTALL A.C. TRANSITION CONFORM AT ADA PARKING AREA. SEE DETAIL 2 THIS SHEET
- RECONSTRUCT FULL PAVEMENT SECTION PER DETAIL 8 SHEET CZ501
- UTILITY TRENCHING AND REPAIR PER DETAIL 2 SHEET CZ502

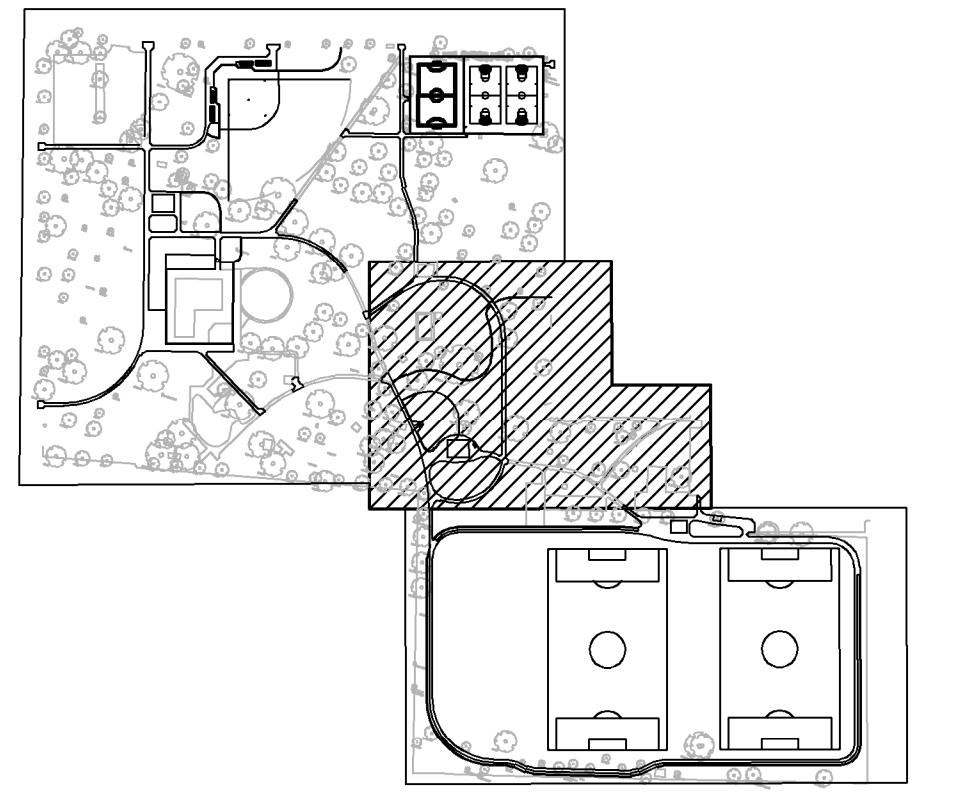


1 STANDARD ADA PARKING DETAIL
N.T.S.

NOTE:

1. SEE SITE DEMOLITION SHEETS SD1.0 THRU SD1.5 FOR DEMO OF EXISTING PARK FEATURES.
2. SEE ARCH SITE DEMO SHEETS FOR PARKING LOT DEMO AND SUBGRADE REMOVALS.
3. SEE TREE DISPOSITION SHEETS TD1.0 THRU TD1.5 FOR REMOVAL OF TREES.
4. SEE ARCHITECTURAL SHEETS SC1.0 THRU SD1.9 FOR PARK ADDITIONAL IMPROVEMENTS.

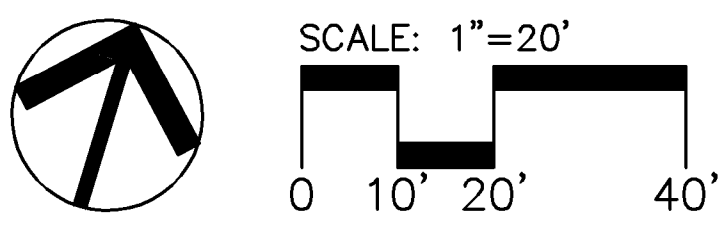
KEY MAP



MATCHLINE E SEE SHEET CG205

MATCHLINE J SEE SHEET CG206

MATCHLINE G SEE SHEET CG205



KJELSDEN SINNOCK NEUDECK
INC. CIVIL ENGINEERS & LAND SURVEYORS
www.kjnelson.com

711 N. Freshing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

CONTACT 811 BEFORE YOU DIG
811
SAFE DIGGING ALERT

CALA

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.calanderassociates.com

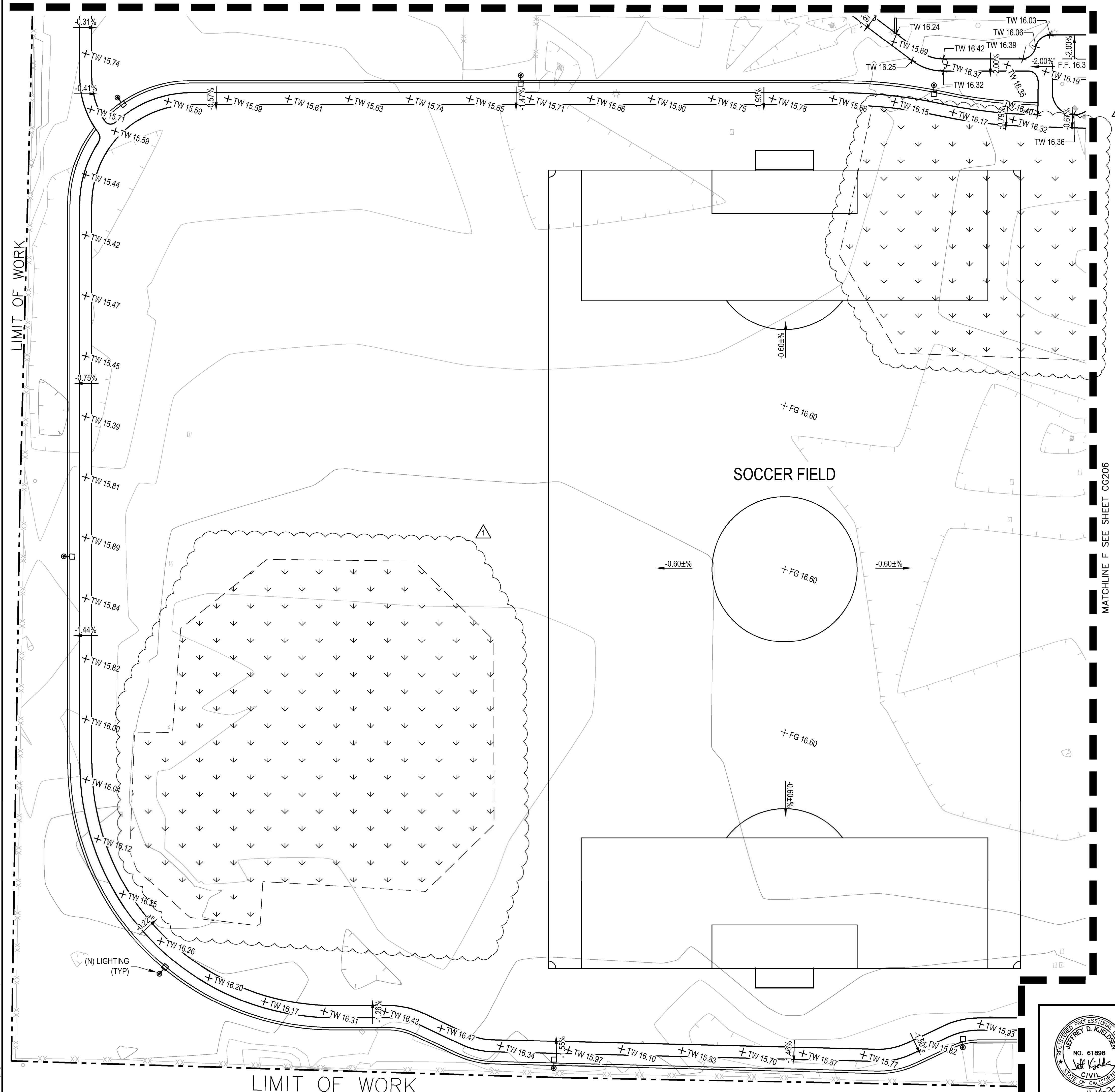
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
GRADING PLAN 4

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. CG204
DESIGNED BY JDK	CITY ENGINEER STOCKTON, CALIFORNIA	30 OF 162 SHTS
DRAWN BY PX		WR21017 PROJECT NO.
CHECKED BY SKS		
RECORD DWGS.		

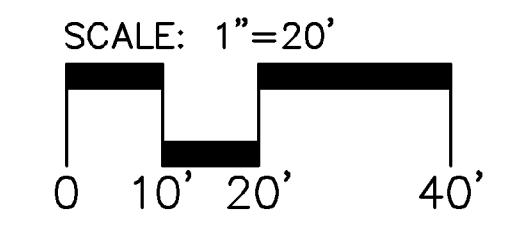
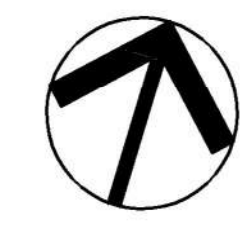
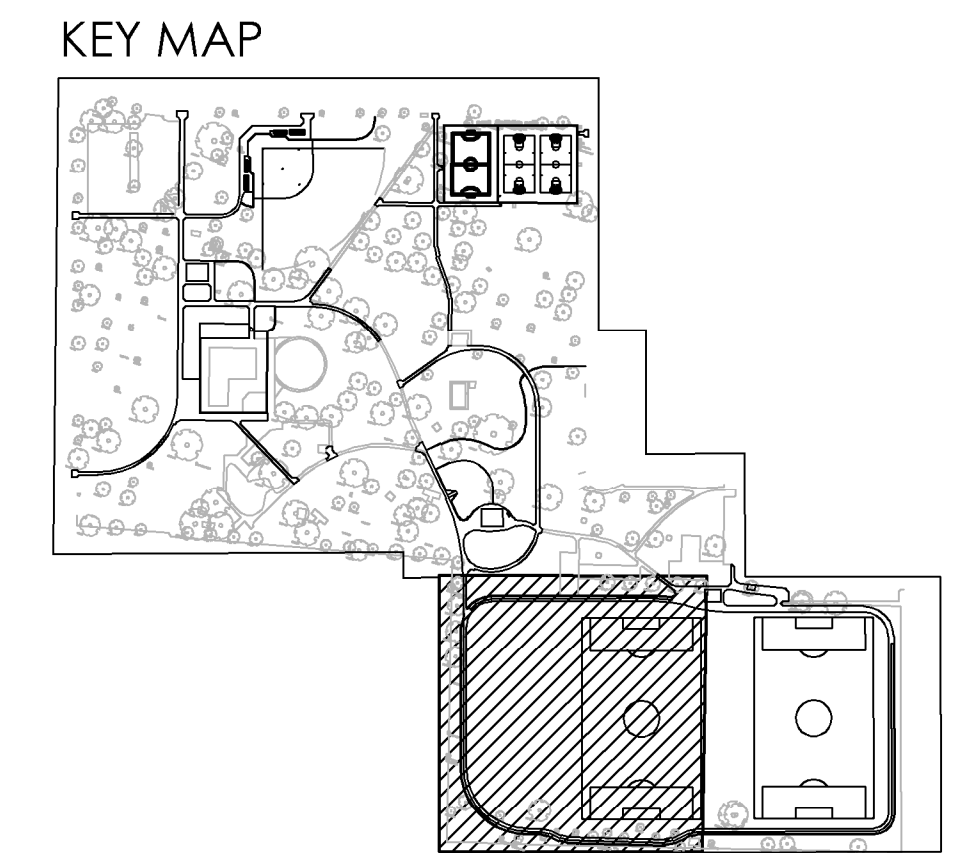


LEGEND

IMPORTED TOPSOIL

GENERAL GRADING NOTES:

- CONTRACTOR SHALL GRADE AND BLEND NEW IMPROVEMENT AREAS FOR SMOOTH TRANSITIONS TO EXISTING ADJACENT GRADE.
- IMPORTED TOPSOIL SHALL CONFORM TO ARCHITECTURAL SPECIFICATIONS.
- SEE ARCHITECTURAL SHEETS SD1.4 AND SD1.5 FOR DEMO OF EXISTING BASEBALL FIELDS.



K S KJELSDEN SINNOCK NEUDECK
 CIVIL ENGINEERS & LAND SURVEYORS
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 www.ksninc.com

711 N. Freshing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900

CONTACT 811 BEFORE YOU DIG
811
 SAFE DIGGING ALERT

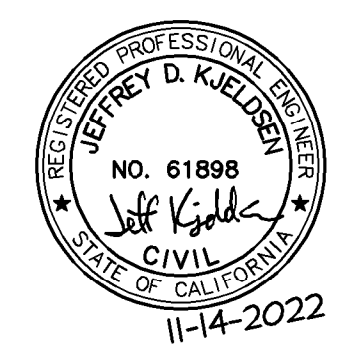
CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.calanderasociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
GRADING PLAN 5

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK

SCALE AS SHOWN	DESIGNED BY JDK	CHECKED BY SKS	RECORD DWGS.
DRAWN BY PX			

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	APPROVED BY: DATE	SHEET NO. CG205
	CITY ENGINEER STOCKTON, CALIFORNIA	31 OF 162 SHTS
		WR21017 PROJECT NO.



File Path: P:\3453_C05_Ackley_Park_Improvement_Proposal_CAD\Drawn\CG205.dwg Plot Date: 11/09/22 Saved By: jdk@ksn
 Copyright © 2022, Kjelsoen Sinnock Neudeck Associates, Inc.

MATCHLINE E SEE SHEET CG204

MATCHLINE J SEE CG204

LIMIT OF WORK

MATCHLINE G SEE SHEET CG204 & CG205

MATCHLINE I SEE SHEET CG204

MATCHLINE H SEE SHEET CG205 & LEFT

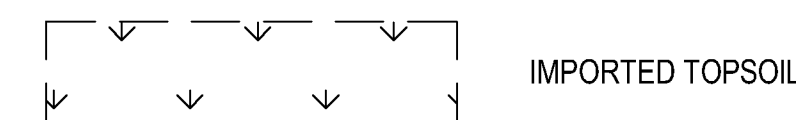
MATCHLINE F SEE SHEET CG205

SOCCER FIELD

CALIFORNIA STREET

LIMIT OF WORK

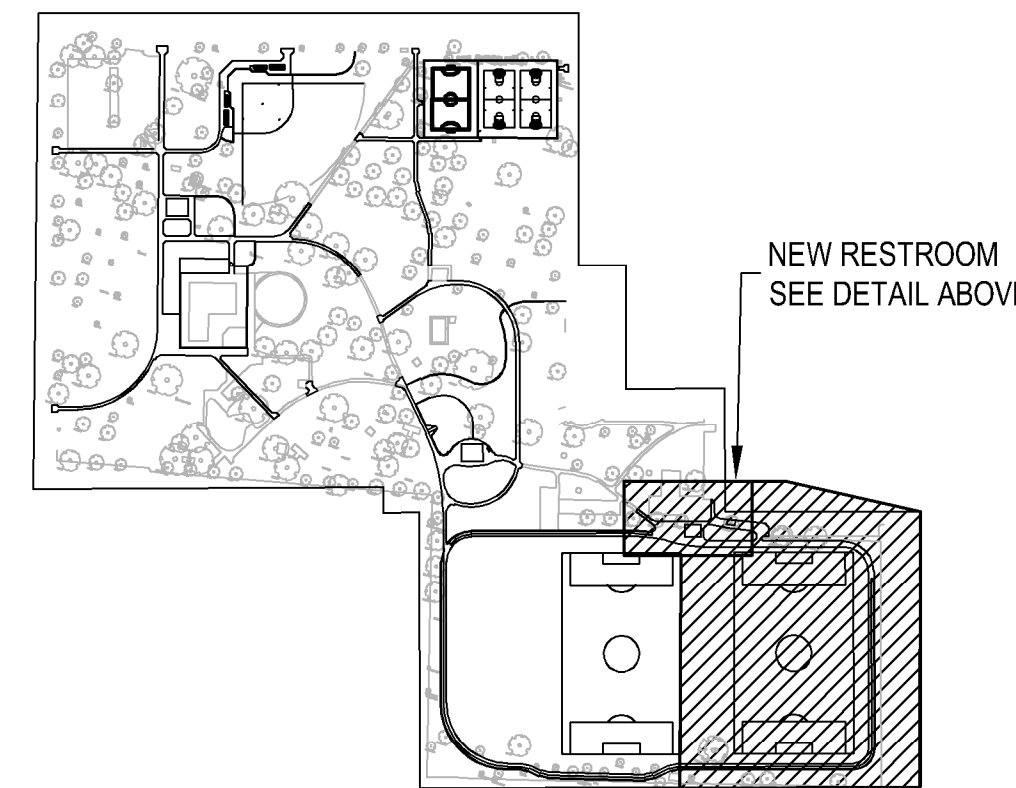
LEGEND



GENERAL GRADING NOTES:

- 1 CONTRACTOR SHALL GRADE AND BLEND NEW IMPROVEMENT AREAS FOR SMOOTH TRANSITIONS TO EXISTING ADJACENT GRADE.
- 2 IMPORTED TOPSOIL SHALL CONFORM TO ARCHITECTURAL SPECIFICATIONS.
- 3 SEE ARCHITECTURAL SHEETS SD1.4 AND SD1.5 FOR DEMO OF EXISTING BASEBALL FIELDS.

KEY MAP



KJELSDEN SINNOCK NEUDECK
 CIVIL ENGINEERS & LAND SURVEYORS
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 www.ksninc.com

711 N. Freshing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900

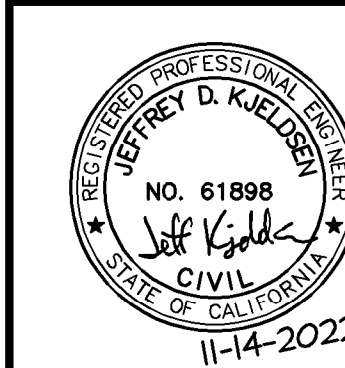
CONTACT 811 BEFORE YOU DIG
811
 SAFE DIGGING ALERT

CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.calanderasociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

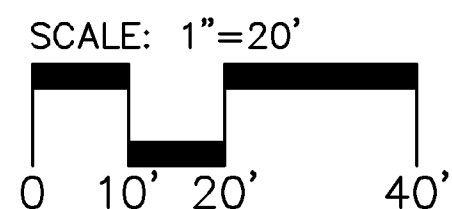
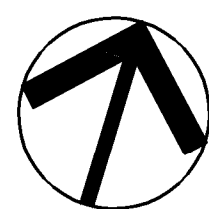
GRADING PLAN 6

PERMIT REVIEW SET

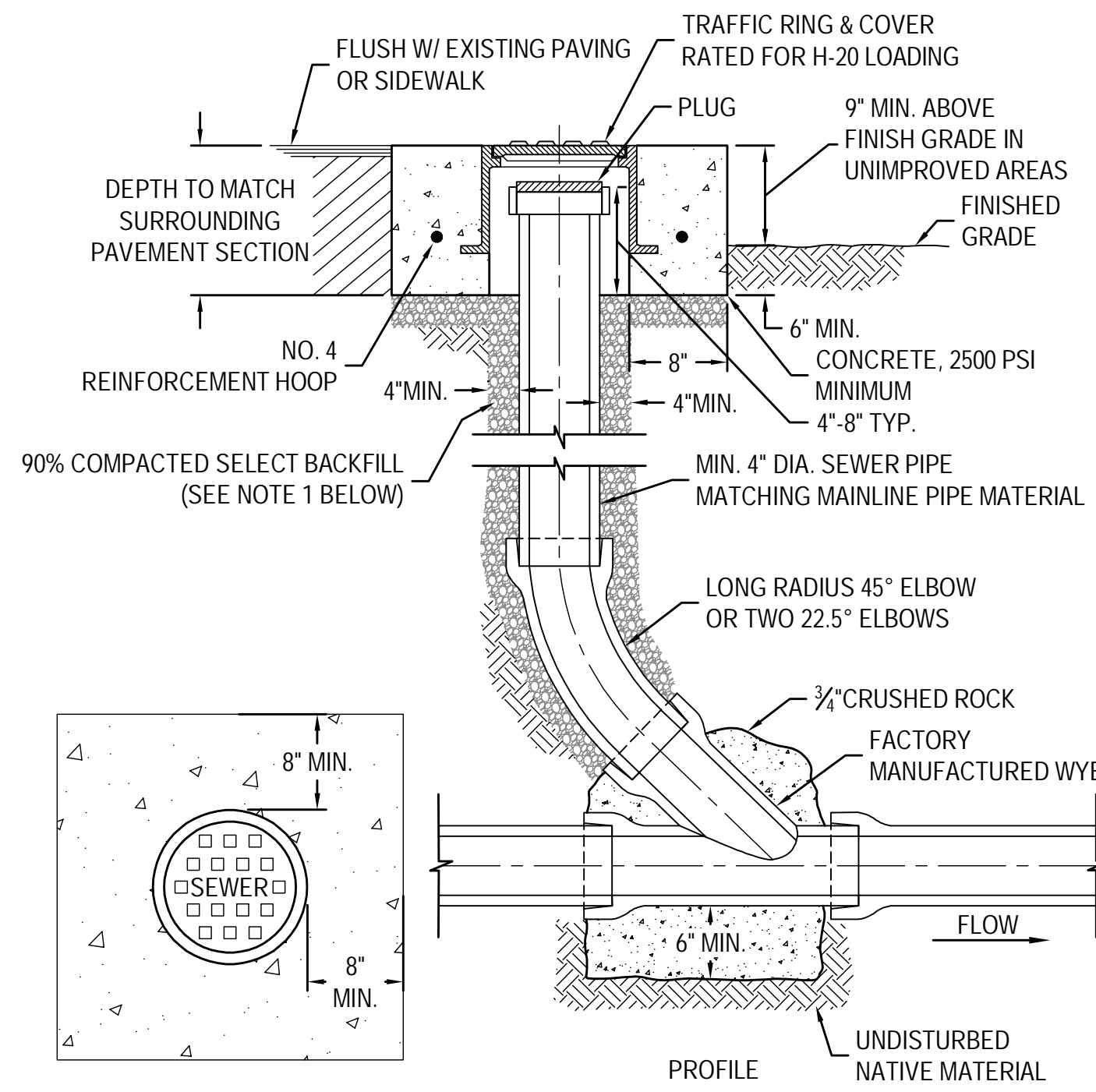


Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cyc-1 Comments	11-14-2022	PX	JDK

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SHEET NO.
SCALE AS SHOWN	APPROVED BY: DATE	CG206
DESIGNED BY JDK		32 OF 162 SHTS
DRAWN BY PX		
CHECKED BY SKS	CITY ENGINEER	WR21017
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.



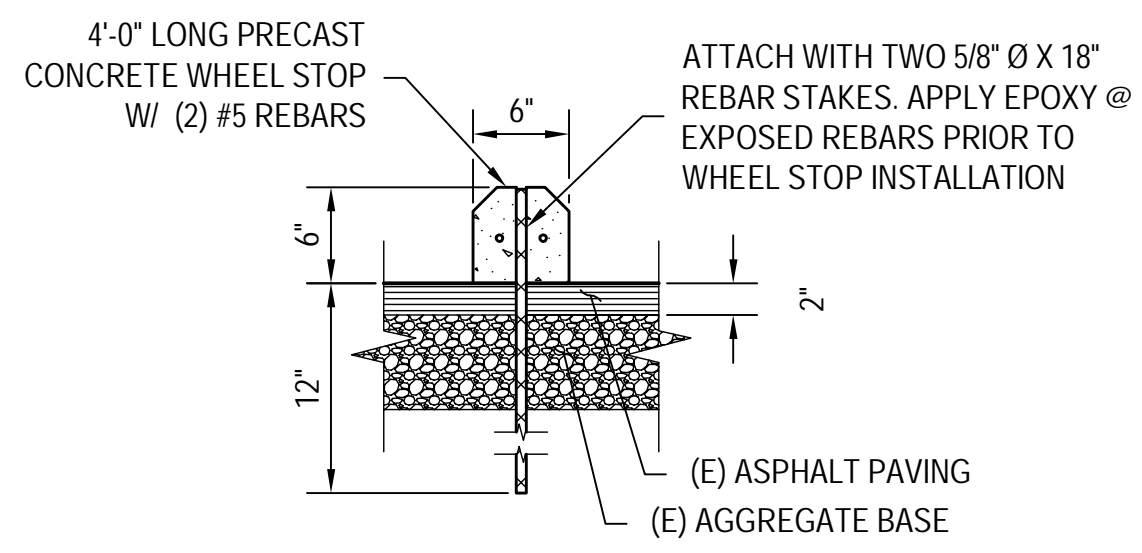
File Path: P:\3451_C05_Acklow_Park_Improvement_Proposal\08_Civil\08_Plan\02_CAD\Sheet\CG206.dwg Plot Date: 11/11/22 Saved By: jklsdson Copyright © 2022 Cadastre Associates Architecture Inc.



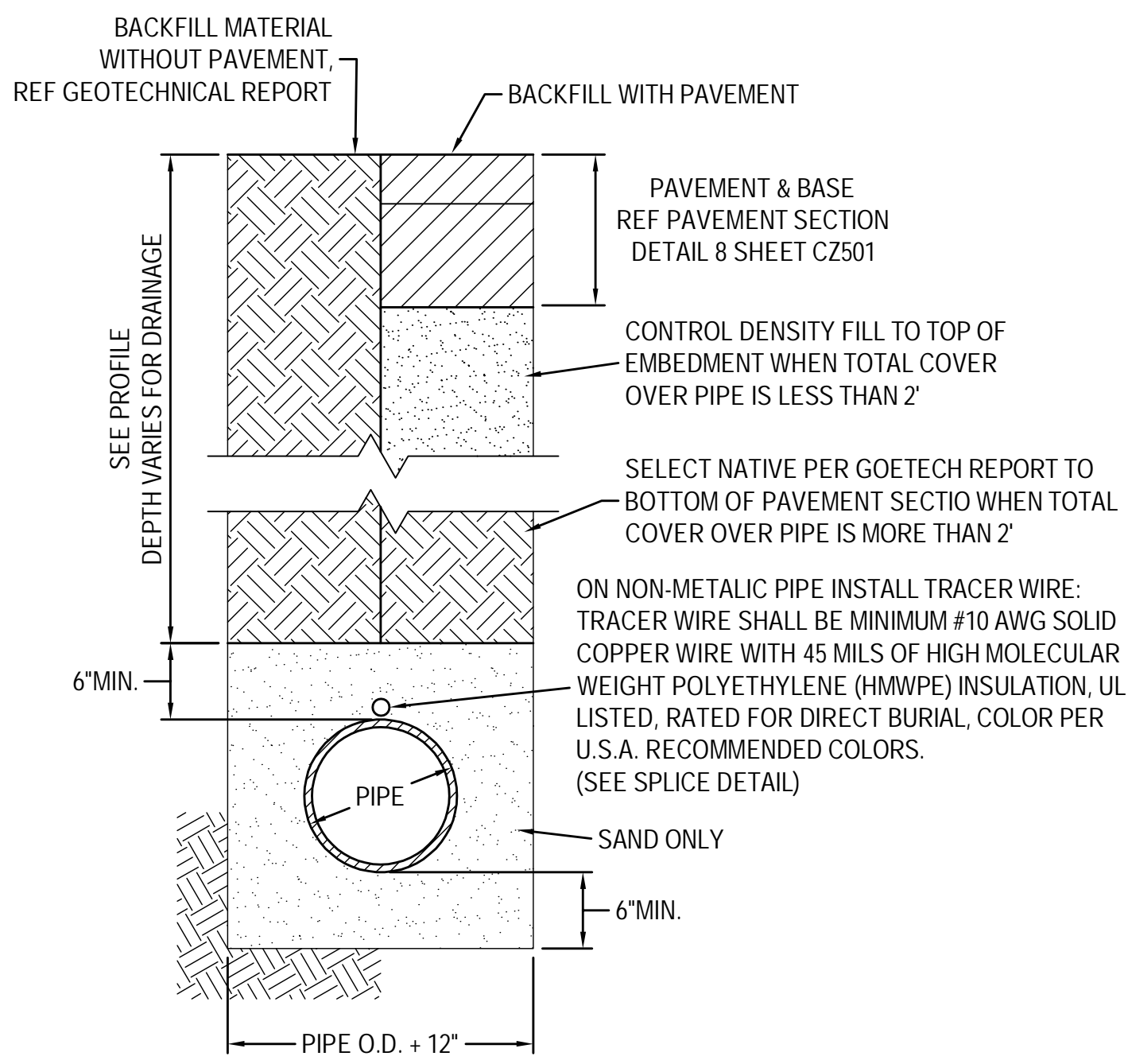
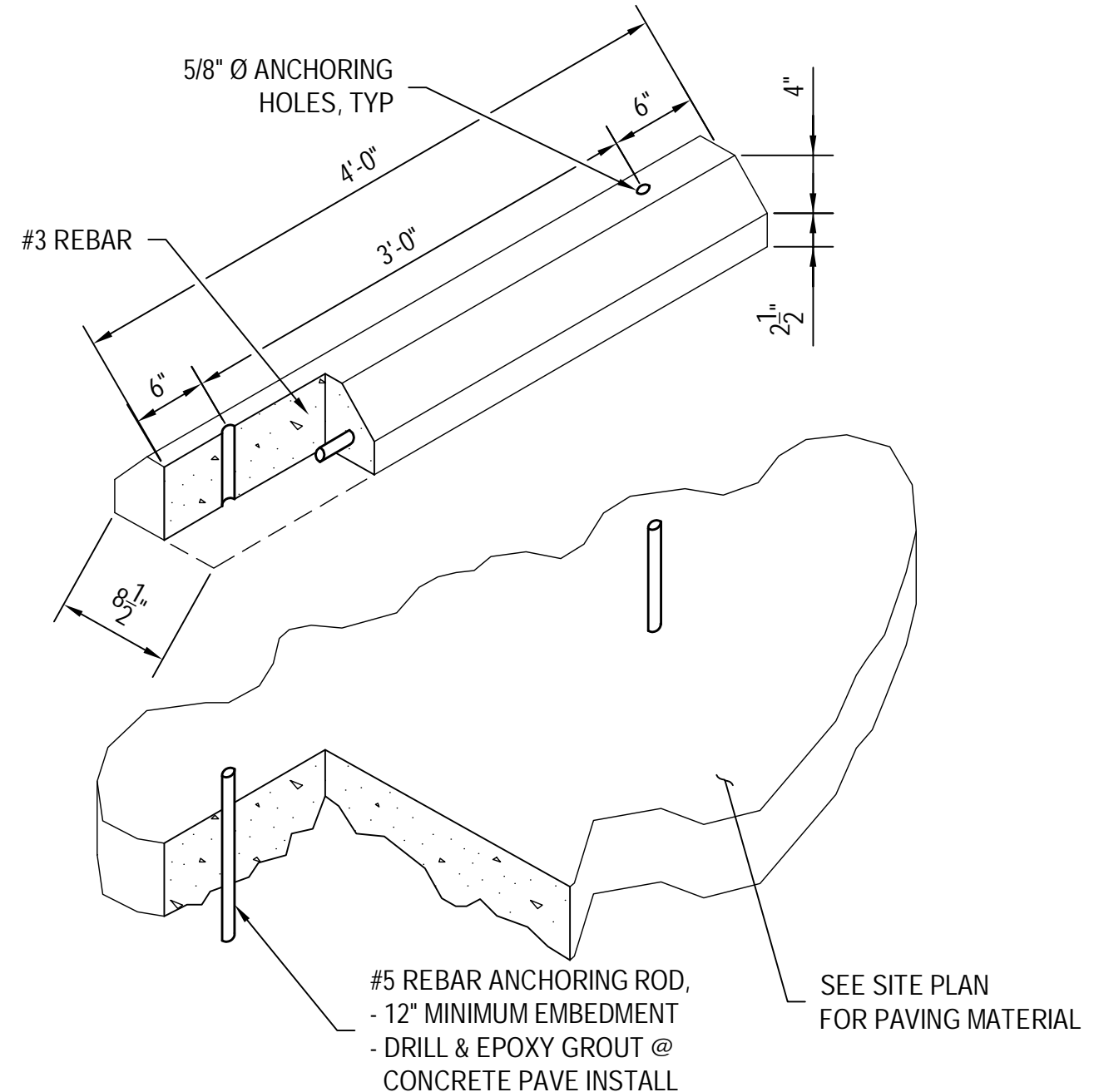
NOTE

1. SELECTED BACKFILL SHALL BE CLEAN NATIVE MATERIAL FREE OF ALL DEBRIS, LUMPS AND ROCKS GREATER THAN 2" IN GREATEST DIMENSION. COMPACT TO A MINIMUM RELATIVE COMPACTION OF 85% TO LAND SURFACE (MAXIMUM OF 12" LIFTS) IN UNIMPROVED AREAS.

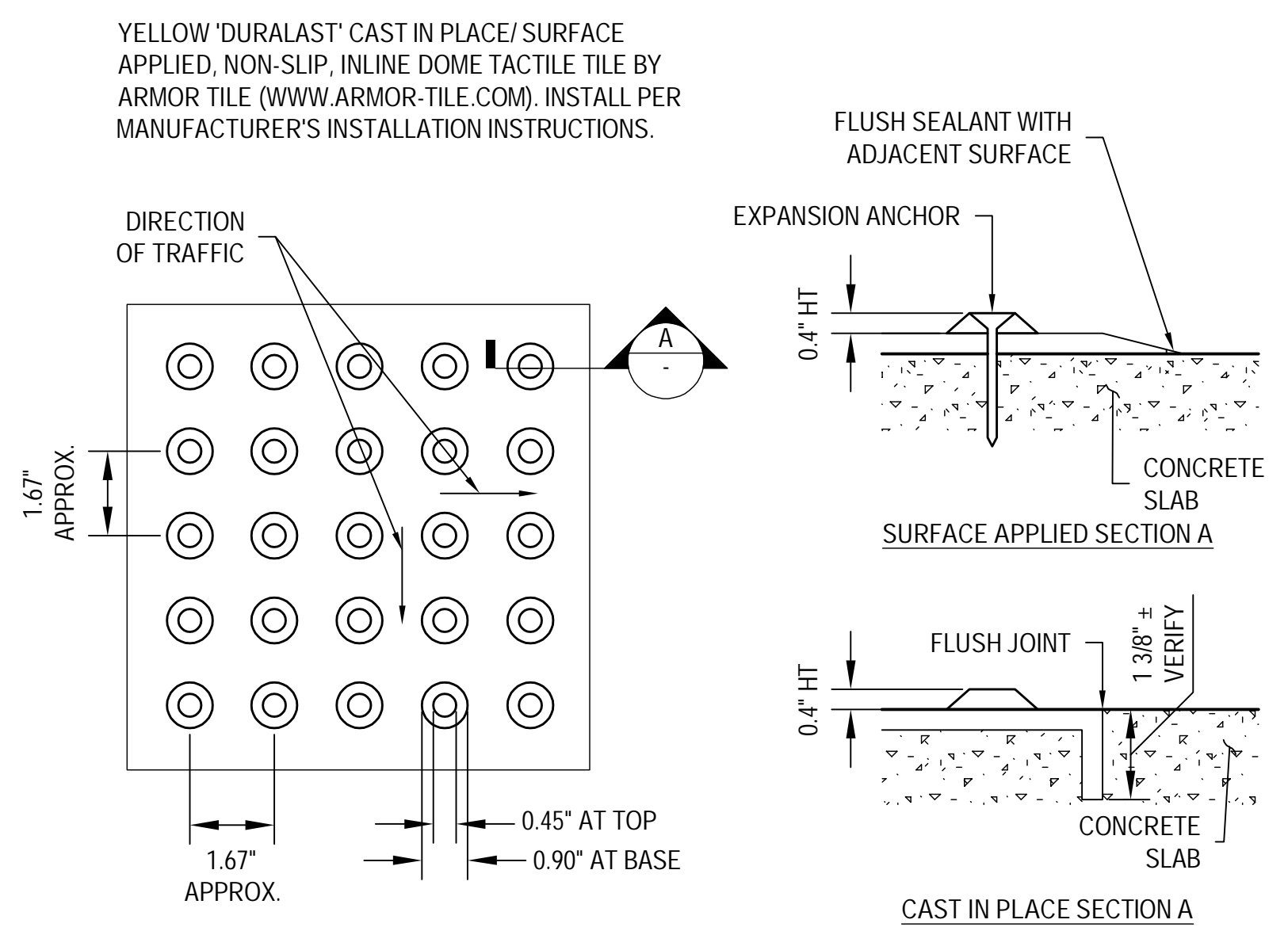
1 CLEANOUT
N.T.S.



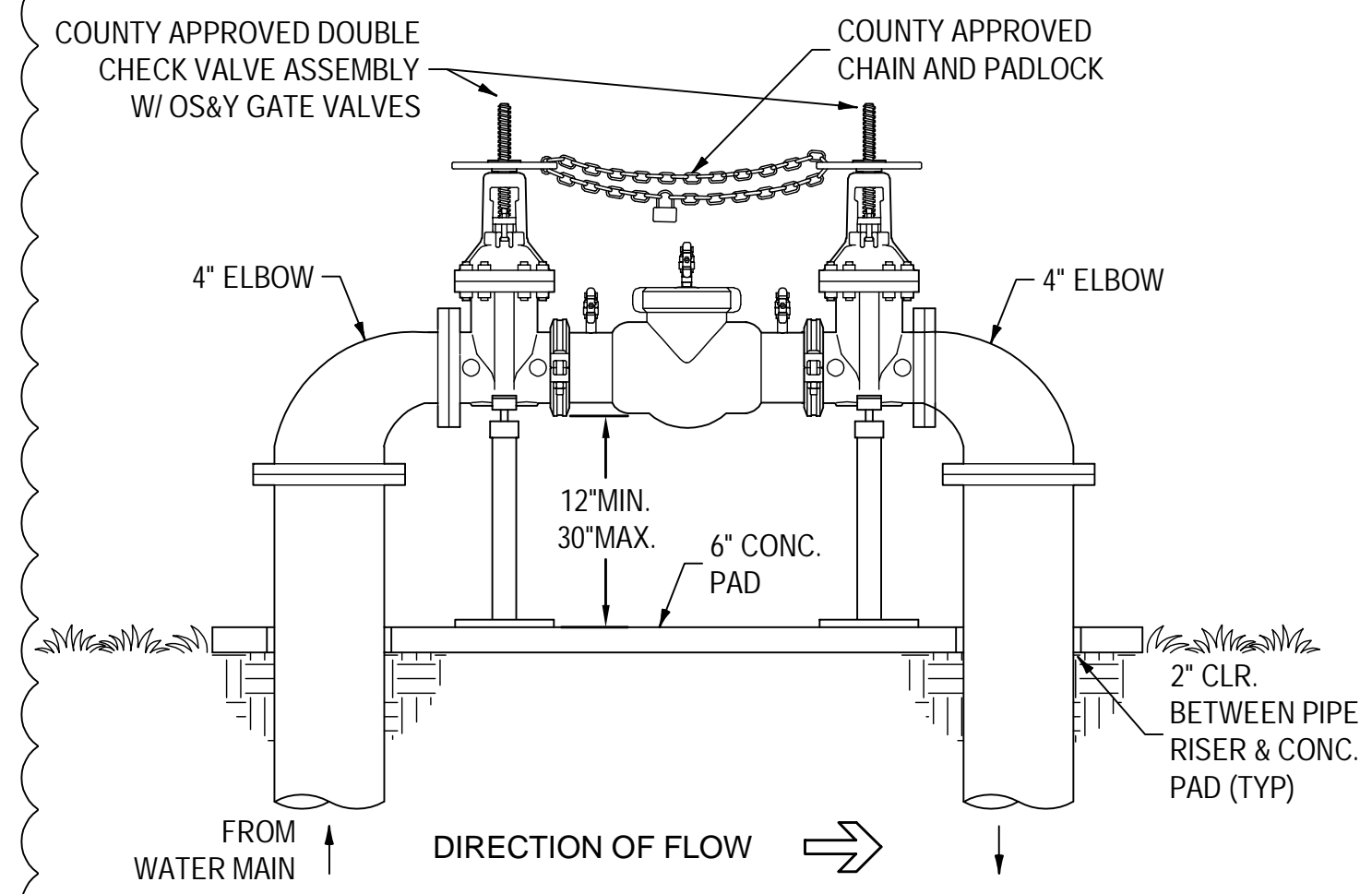
4 CONCRETE WHEEL STOP
N.T.S.



2 TRENCHING BACKFILL IN NON-PAVED AREAS
N.T.S.



3 TRUNCATED DOMES
N.T.S.



- NOTES:
1. ALL PIPE SHALL BE 1-1/4" SCHEDULE 40 A.S.T.M. A53 GRADE A ELECTRIC WELD PIPE.
 2. ANGLE IRON SHALL BE 1" x 1" x 1/8" STEEL.
 3. EXPANDED METAL SHALL BE 1/2" SPACING x #13 GA. FLATTENED DIAMOND PATTERN STEEL.
 4. THERE SHALL BE NO EXPOSED ENDS OF EXPANDED METAL ON THE OUTSIDE OF ENCLOSURE.
 5. WELDING SHALL BE A MINIMUM OF 1/4" LONG WELDS ON 4" SPACING.
 6. STANDARD MOUNTING BRACKETS SHALL BE WELDED ON EACH END OF LIFT OFF ENCLOSURES.
 7. ONE BRACKET ON HINGED UNITS SHALL BE WELDED ON END OPPOSITE HINGES.
 8. PROVIDE HARDWARE KITS FOR MOUNTING ENCLOSURE.
 9. ALL HARDWARE SHALL BE SECURELY ATTACHED TO ENCLOSURES.
 10. ALL ENCLOSURES SHALL WITHSTAND A MINIMUM OF 200 LBS. PER SQUARE FOOT WITHOUT ANY PERMANENT DEFLECTION OR DISTORTION.
 11. 3/8" SPACING BETWEEN ANGLE IRON FRAMEWORK OF ENCLOSURE AND SLAB TO PREVENT RUSTING. ONLY PIPE ENDS TO TOUCH SLAB.
 12. UNITS SHALL BE POWDER COATED PRIOR TO SITE DELIVERY.

6 UTILITY ENCLOSURE
N.T.S.

5 4" REDUCED PRESSURE BACKFLOW PREVENTER
N.T.S.

NOTE: PRESSURE TEST AT 200 P.S.I. FOR 2 HOURS WITNESS BY THE FIRE DEPARTMENT IS REQUIRED FOR ALL SYSTEMS. THE FIRE PROTECTION SYSTEM CAN ONLY BE FILLED WITH A JUMPER THAT IS EQUIPPED WITH A BACKFLOW PREVENTION DEVICE. PIPE MAY BE CENTER LOADED FOR THIS INSPECTION, HOWEVER, ALL THRUST BLOCKS AND JOINTS MUST BE EXPOSED. PLEASE NOTE THAT COATING AND WRAPPING OF BOLTS AND TIE RODS, IF REQUIRED, MUST BE COMPLETED BEFORE CALLING FOR AN INSPECTION.

KJELDOSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0288
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900
www.kjinc.com

811
SAFE DIGGING ALERT

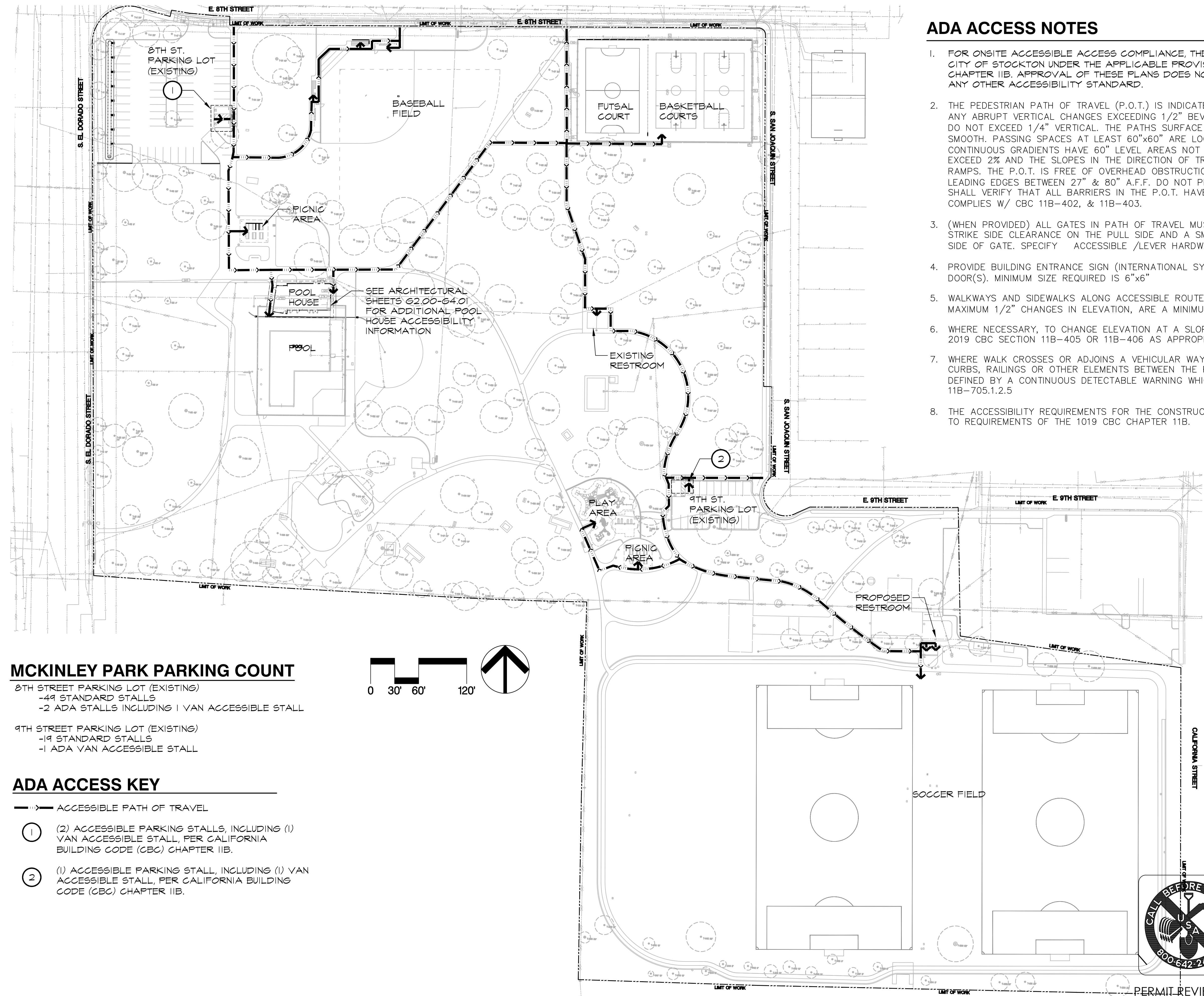
CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
CIVIL DETAILS SHEET 2

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Comments	11-14-2022	PX	JDK

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	JDK	DATE	CZ502
DRAWN BY	PX	CITY ENGINEER	WR21017
CHECKED BY	SKS	STOCKTON, CALIFORNIA	PROJECT NO.
RECORD DWGS.			34 OF 162 SHTS

File Path: P:\3161_C04_Mckinley Park Improvements\Project\04_Civil\02_Plan\020_CAD\Sheet\CZ502.dwg Plot Date: 11/17/22 Saved By: Pmg



ADA ACCESS NOTES

1. FOR ONSITE ACCESSIBLE ACCESS COMPLIANCE, THESE PLANS ARE BEING REVIEWED AND INSPECTED BY THE CITY OF STOCKTON UNDER THE APPLICABLE PROVISIONS OF THE CALIFORNIA BUILDING CODE (CBC) CHAPTER 11B. APPROVAL OF THESE PLANS DOES NOT SIGNIFY REVIEW, APPROVAL OR COMPLIANCE WITH ANY OTHER ACCESSIBILITY STANDARD.
2. THE PEDESTRIAN PATH OF TRAVEL (P.O.T.) IS INDICATED AS A BARRIER FREE, COMMON ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX. SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. THE PATHS SURFACE IS AT LEAST 48" WIDE, SLIP RESISTANT, STABLE, FIRM AND SMOOTH. PASSING SPACES AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART. PART OF P.O.T. W/ CONTINUOUS GRADIENTS HAVE 60' LEVEL AREAS NOT MORE THAN 400' APART. THE CROSS-SLOPE DOES NOT EXCEED 2% AND THE SLOPES IN THE DIRECTION OF TRAVEL THAT EXCEED 5% ARE CONSTRUCTED AS ACCESSIBLE RAMPS. THE P.O.T. IS FREE OF OVERHEAD OBSTRUCTIONS UP TO 80" MIN. OBJECTS PROJECTING FROM WALLS W/ LEADING EDGES BETWEEN 27" & 80" A.F.F. DO NOT PROTRUDE MORE THAN 4" FROM THE WALL. THE CONTRACTOR SHALL VERIFY THAT ALL BARRIERS IN THE P.O.T. HAVE BEEN OR WILL BE REMOVED UNDER THIS PROJECT AND COMPLIES W/ CBC 11B-402, & 11B-403.
3. (WHEN PROVIDED) ALL GATES IN PATH OF TRAVEL MUST COMPLY WITH DOOR REQUIREMENTS. PROVIDE A 24" MIN. STRIKE SIDE CLEARANCE ON THE PULL SIDE AND A SMOOTH SURFACE AT THE BOTTOM 10 INCHES OF THE PUSH SIDE OF GATE. SPECIFY ACCESSIBLE /LEVER HARDWARE.
4. PROVIDE BUILDING ENTRANCE SIGN (INTERNATIONAL SYMBOL OF ACCESSIBILITY) AT ACCESSIBLE PUBLIC ENTRANCE DOOR(S). MINIMUM SIZE REQUIRED IS 6"x6"
5. WALKWAYS AND SIDEWALKS ALONG ACCESSIBLE ROUTES OF TRAVEL ARE CONTINUOUSLY ACCESSIBLE, HAVE A MAXIMUM 1/2" CHANGES IN ELEVATION, ARE A MINIMUM 48" IN WIDTH, AND HAVE A MAXIMUM 2% CROSS SLOPE.
6. WHERE NECESSARY, TO CHANGE ELEVATION AT A SLOPE EXCEEDING 5% SHALL HAVE A RAMP COMPLYING WITH 2019 CBC SECTION 11B-405 OR 11B-406 AS APPROPRIATE.
7. WHERE WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36" WIDE, COMPLYING WITH 2016 CBC SECTION 11B-705.1.2.5
8. THE ACCESSIBILITY REQUIREMENTS FOR THE CONSTRUCTION OF THIS PROJECT'S SCOPE OF WORK SHALL CONFORM TO REQUIREMENTS OF THE 2019 CBC CHAPTER 11B.

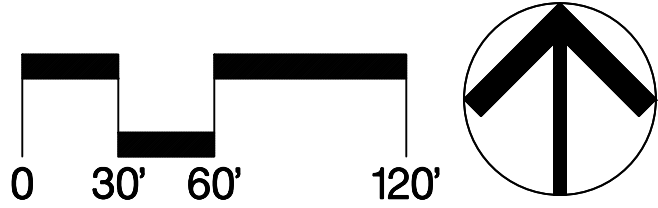
MCKINLEY PARK PARKING COUNT

8TH STREET PARKING LOT (EXISTING)
 -49 STANDARD STALLS
 -2 ADA STALLS INCLUDING 1 VAN ACCESSIBLE STALL

9TH STREET PARKING LOT (EXISTING)
 -19 STANDARD STALLS
 -1 ADA VAN ACCESSIBLE STALL

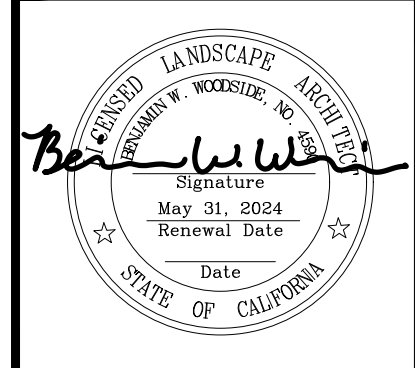
ADA ACCESS KEY

- ▶—▶—▶ ACCESSIBLE PATH OF TRAVEL
- ① (2) ACCESSIBLE PARKING STALLS, INCLUDING (1) VAN ACCESSIBLE STALL, PER CALIFORNIA BUILDING CODE (CBC) CHAPTER 11B.
- ② (1) ACCESSIBLE PARKING STALL, INCLUDING (1) VAN ACCESSIBLE STALL, PER CALIFORNIA BUILDING CODE (CBC) CHAPTER 11B.



CALLA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 1 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

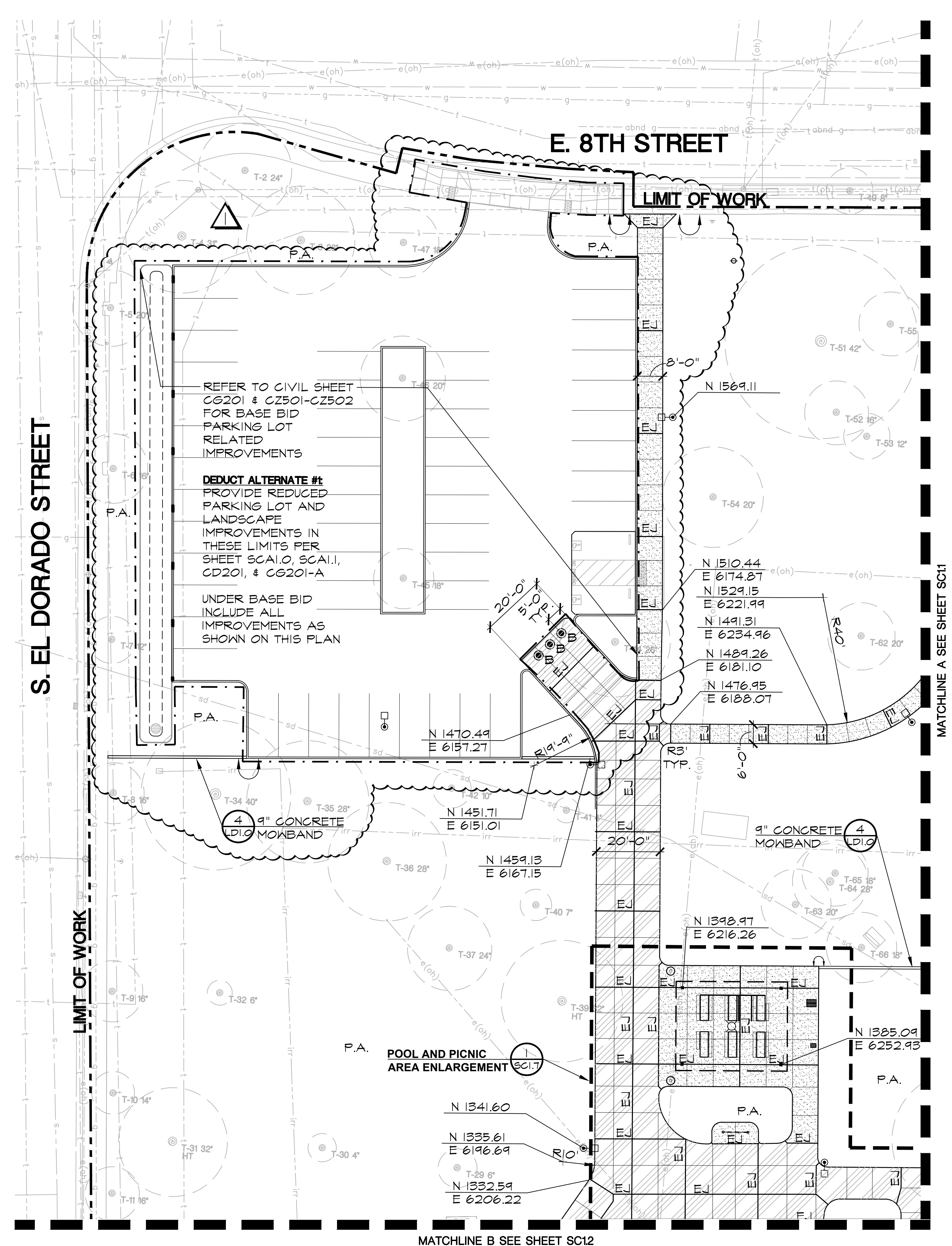
**MCKINLEY PARK RENOVATIONS PROJECT
 ACCESSIBILITY PLAN**



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. ADA1.00 35 OF 162 SHTS
SCALE AS SHOWN	DESIGNED BY DCM	CITY ENGINEER	WR21017 PROJECT NO.
DRAWN BY CM	CHECKED BY BW	STOCKTON, CALIFORNIA	
RECORD DWGS.			

File Path: \\h:\projects\2023\21013_MckinleyPark\Drawings\11B-ADA.dwg Plot Date: 11/15/22 Printed By: Cms
 Copyright © 2023 Callander Associates Landscape Architecture, Inc.



SITE CONSTRUCTION LEGEND

- PEDESTRIAN CONCRETE PAVEMENT (2) (LPI.0)
- VEHICULAR CONCRETE PAVEMENT (2) (LPI.0)
- EXPANSION JOINT, TYP. (3) (LPI.0)
- SCORE JOINT, TYP. (3) (LPI.0)
- SPORTS COURT SURFACING OVER EXISTING PAVEMENT (2) (LPI.1)
- SPORTS COURT PAVEMENT (1) (LPI.1)
- DECOMPOSED GRANITE PAVEMENT (3) (LPI.1)
- PLAY AREA WOOD FIBER (6) (LPI.0)
- INFIELD MIX (6) (LPI.1)
- REMOVABLE BOLLARD, PER CITY STANDARD DRAWING M-T. PROVIDE STOCKTON FIRE DEPARTMENT APPROVED KNOX PADLOCK FOR EACH BOLLARD.
- PICNIC TABLE, PER SPECS (7) (LPI.3)
- ADA PICNIC TABLE, PER SPECS (7) (LPI.3)
- BICYCLE RACK, PER SPECS (8) (LPI.3)
- TRASH RECEPTACLE, PER SPECS (7) (LPI.3)
- BENCH, PER SPECS (7) (LPI.3)
- GROUP BARBEQUE UNIT, PER SPECS (5) (LPI.3)
- BARBEQUE UNIT, PER SPECS (5) (LPI.3)
- P.A. PLANTING AREA
- CHAIN LINK FENCE, HEIGHT PER PLAN (1) (2) (LPI.2) (LPI.2)
- CHAIN LINK FENCE ON MOWBAND, HEIGHT PER PLAN (1) (2) (LPI.2) (LPI.2)
- NEW CHAIN LINK RAILS, FABRIC, AND FITTINGS, HEIGHT PER PLAN
- POOL AREA FENCE (4) (LPI.3)
- EXISTING FENCE
- ALIGN WITH EXISTING EDGES
- LIGHT POLE, PER ELECTRICAL PLANS

NOTE: PROJECT FUNDING REQUIRES A PORTION OF WORK TO BE COMPLETED BY THE LOCAL CONSERVATION CORPS. THE CITY HAS CONTRACTED WITH THE GREATER VALLEY CONSERVATION CORPS (GVCC) TO INSTALL PROJECT BLEACHERS, PLAYER'S BENCHES, PICNIC TABLES, ADA PICNIC TABLES, BICYCLE RACKS, TRASH RECEPTACLES, BENCHES, GROUP BARBEQUE UNITS AND BARBEQUE UNITS. CONTRACTOR SHALL COORDINATE, REVIEW WORK PERFORMED BY GVCC, PROVIDE ALL SITE FURNISHINGS AND AUXILIARY MATERIALS RELATED TO SITE FURNISHING INSTALLATION AND SHALL GUARANTEE ALL FURNISHING AND WORK IN ACCORDANCE WITH THE SPECIFICATIONS. GVCC WILL INSTALL ALL FURNISHINGS NOTED ABOVE AS PROVIDED BY THE CONTRACTOR.

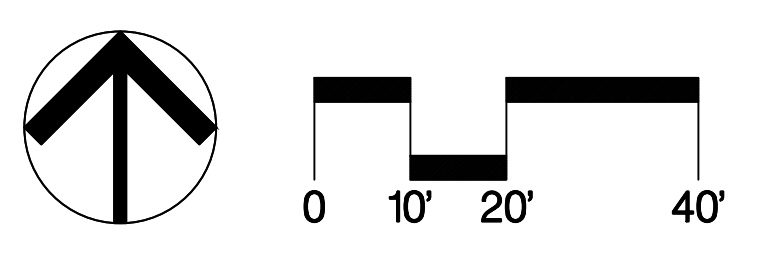
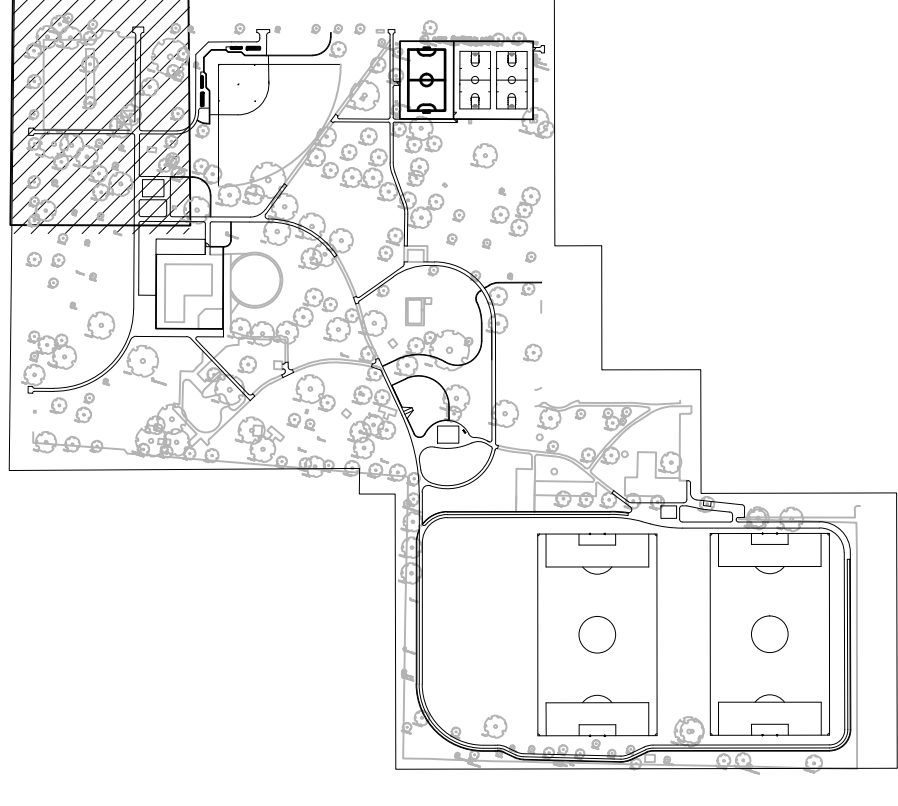
SITE CONSTRUCTION NOTES

1. **DIMENSIONS:** ALL WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS. ALL DIMENSIONS ARE TO FACE OF CURB OR WALL, INSIDE EDGE OF CONCRETE FLATWORK/MOWBAND, CENTERLINE OF FENCE, OR CENTERPOINT OF RADIUS.
2. **EXPANSION JOINTS:** INSTALL EXPANSION JOINTS AS SHOWN ON DRAWINGS, AS WELL AS BETWEEN CONCRETE FLATWORK AND WALLS, CURBS, AND EXISTING FLATWORK OR STRUCTURES.
3. **SLEEVING:** REFER TO IRRIGATION PLAN FOR REQUIREMENTS OF SLEEVING UNDER PAVEMENT.
4. **PROJECT STAKING:** ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD FOR REVIEW BY THE CITY INSPECTOR PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS.
5. **HORIZONTAL CONTROL:** HORIZONTAL CONTROL IS BASED ON CONTROL POINTS IDENTIFIED ON SHEET VFI.01. COORDINATES HAVE BEEN PROVIDED FOR STRATEGIC POINTS AT PROPOSED CONSTRUCTION BASED ON THE SAME COORDINATE SYSTEM. FOR CLARITY, THE FIRST THREE DIGITS (216) FOR ALL NORTHING COORDINATES AND THE FIRST THREE DIGITS (633) FOR ALL EASTING COORDINATES HAVE BEEN TRUNCATED.
6. THE ACCESSIBILITY REQUIREMENTS FOR THE CONSTRUCTION OF THIS PROJECT'S SCOPE OF WORK SHALL CONFORM TO REQUIREMENTS OF THE 1019 CBC CHAPTER 11B.

MATCHLINE A SEE SHEET SC11

MATCHLINE B SEE SHEET SC12

KEY MAP

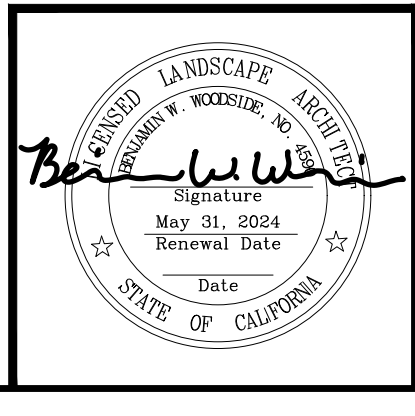


12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
SITE CONSTRUCTION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY DCM	DATE	APPROVED BY:		SC1.0
DRAWN BY CM		CITY ENGINEER		36 OF 162 SHEETS
CHECKED BY BW		STOCKTON, CALIFORNIA		WR21017 PROJECT NO.
RECORD DWGS.				

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



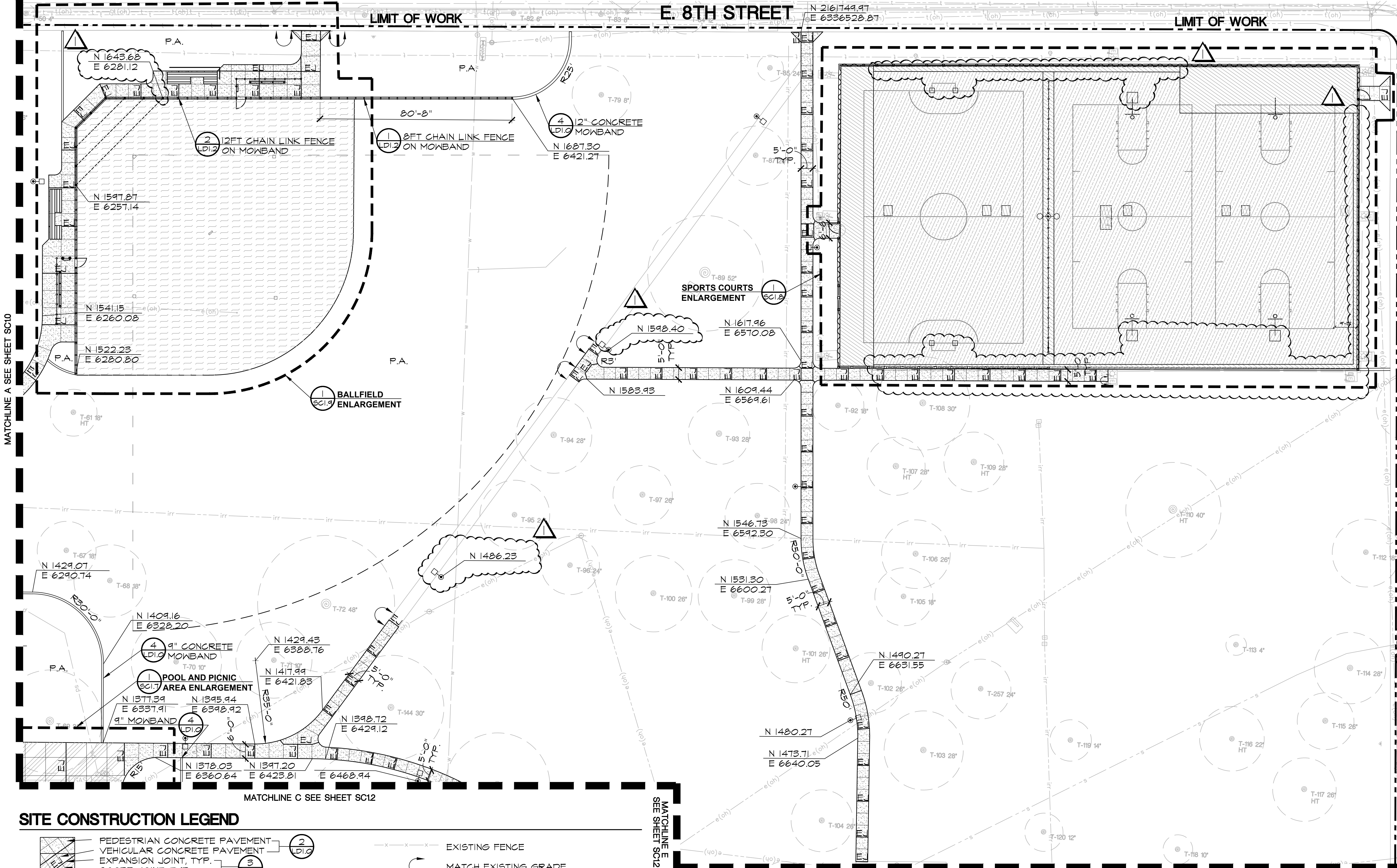
File Path: \\projects\2021\21013_MckinleyParkRenovations\21013\SC1.dwg Plot Date: 11/16/22 Saved By: Cmc Copyright © 2022 Callander Associates Landscape Architecture, Inc.

E. 8TH STREET

LIMIT OF WORK

LIMIT OF WORK

S. SAN JOAQUIN STREET

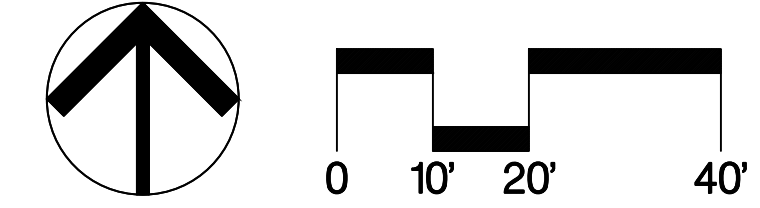
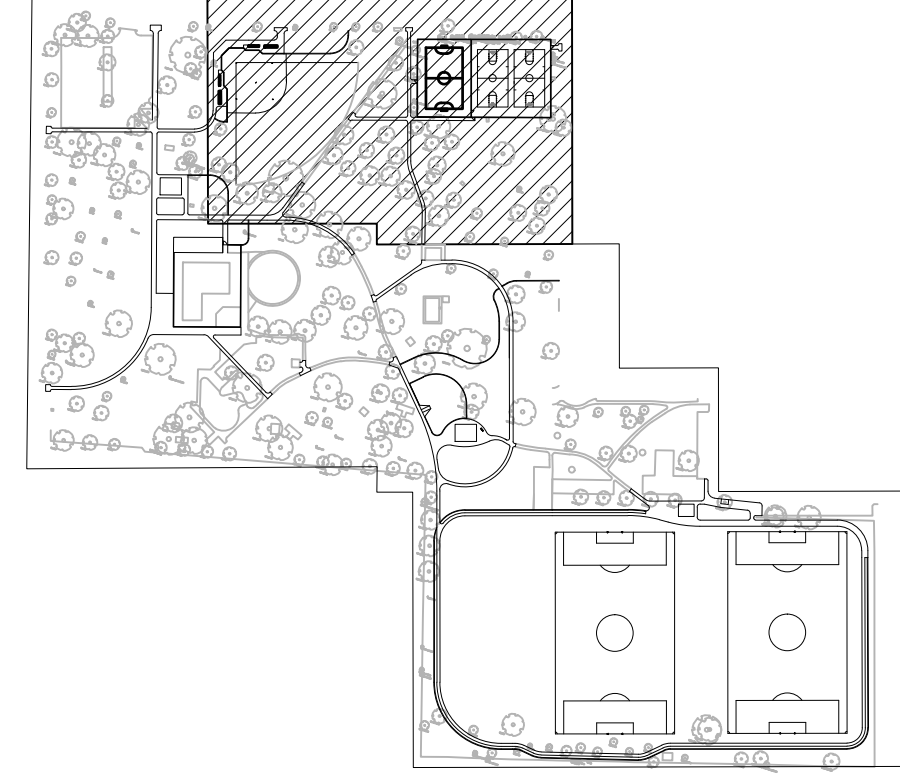


SITE CONSTRUCTION LEGEND

- PEDESTRIAN CONCRETE PAVEMENT (2 LDI.2)
- VEHICULAR CONCRETE PAVEMENT (2 LDI.2)
- EXPANSION JOINT, TYP. (3 LDI.2)
- SCORE JOINT, TYP. (3 LDI.2)
- SPORTS COURT SURFACING OVER EXISTING PAVEMENT (2 LDI.1)
- SPORTS COURT PAVEMENT (1 LDI.1)
- INFIELD MIX (6 LDI.1)
- CHAIN LINK FENCE, HEIGHT PER PLAN (1 LDI.2, 2 LDI.2)
- CHAIN LINK FENCE ON MOWBAND, HEIGHT PER PLAN (1 LDI.2, 2 LDI.2)
- NEW CHAIN LINK RAILS, FABRIC, AND FITTINGS, HEIGHT PER PLAN
- EXISTING FENCE
- MATCH EXISTING GRADE
- LIGHT POLE, PER ELECTRICAL PLANS
- P.A. PLANTING AREA

SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES

KEY MAP

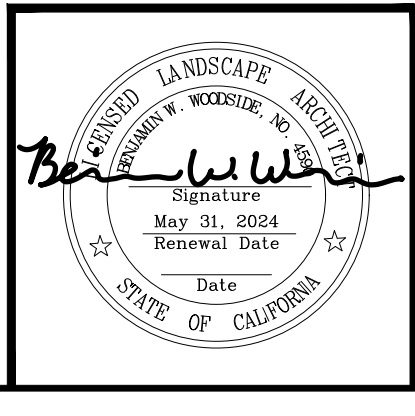


CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
 SITE CONSTRUCTION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO.
SCALE AS SHOWN	DESIGNED BY DCM	APPROVED BY:	DATE	SC1.1
RECORD DWGS.	DRAWN BY CM			37 OF 162 SHTS
	CHECKED BY BW			WR21017
		CITY ENGINEER	STOCKTON, CALIFORNIA	PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



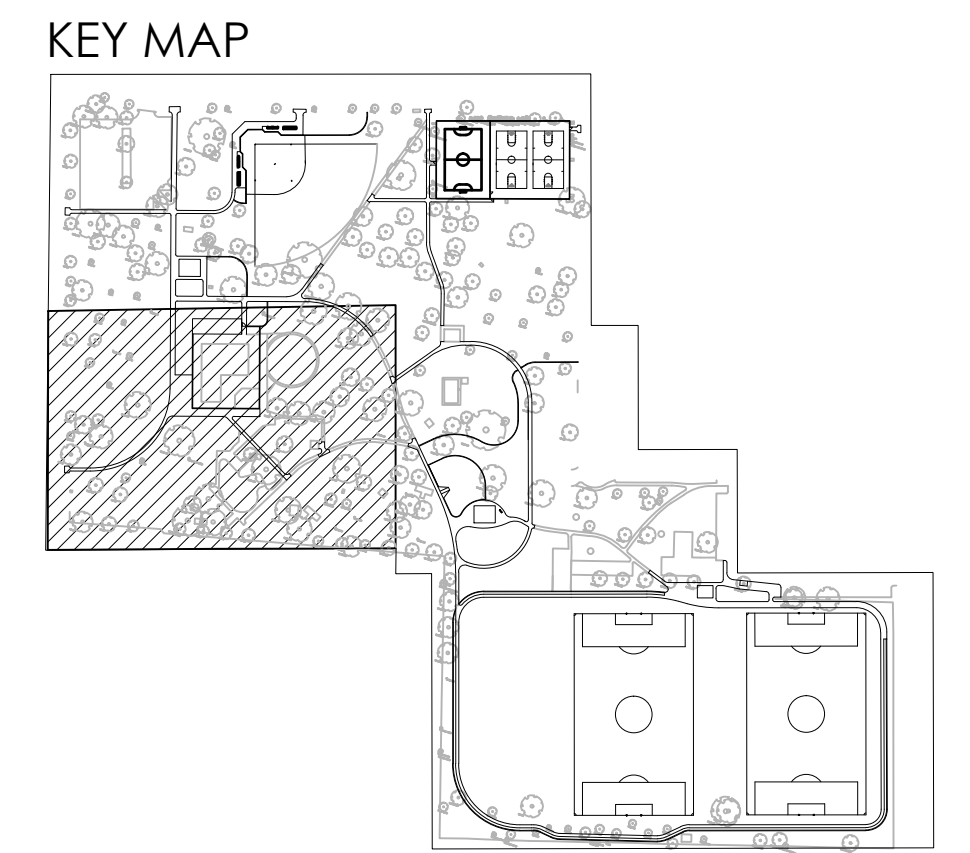
File Path: \\p:\projects\2024\21013_MckinleyParkRenovations\3_Civil\SC1.dwg Plot Date: 11/14/22 Saved By: Dcm
 Copyright © 2024 Callander Associates Architecture, Inc.

MATCHLINE B SEE SHEET SC10

MATCHLINE C SEE SHEET SC11

SITE CONSTRUCTION LEGEND

- PEDESTRIAN CONCRETE PAVEMENT (2 LDI.9)
- VEHICULAR CONCRETE PAVEMENT (3 LDI.9)
- EXPANSION JOINT, TYP.
- SCORE JOINT, TYP.
- P.A. PLANTING AREA
- EXISTING FENCE
- POOL AREA FENCE (4 LDI.9)
- MATCH EXISTING GRADE
- LIGHT POLE, PER ELECTRICAL PLANS
- NEW GAS SERVICE LINE TO BE INSTALLED BY PG&E APPROVED CONTRACTOR IN ACCORDANCE WITH PG&E DESIGN AND GREEN BOOK STANDARDS. CONTRACTOR TO PERFORM ALL EXCAVATION AND INSTALL 3/4" PL HP GAS MAIN, (1) 2" 5500 EFV AND (1) 1-1/4" X 1-1/4" RISER WITH 3/4" BYPASS. COORDINATE WITH PG&E FOR PG&E INSTALLATION OF ALI000 METER AND TO EXECUTE HOT TIE-IN. GAS SERVICE LINE SHALL BE INSTALLED BY LICENSED, PG&E CERTIFIED CONTRACTOR PER PG&E ENGINEERING DOCUMENTS INCLUDED AS APPENDIX D IN THE SPECIFICATIONS AND IN ACCORDANCE WITH PG&E GREENBOOK MANUAL. CONTRACTOR TO OBTAIN ENCROACHMENT WORK FOR ALL CONTRACTOR AND PG&E WORK.



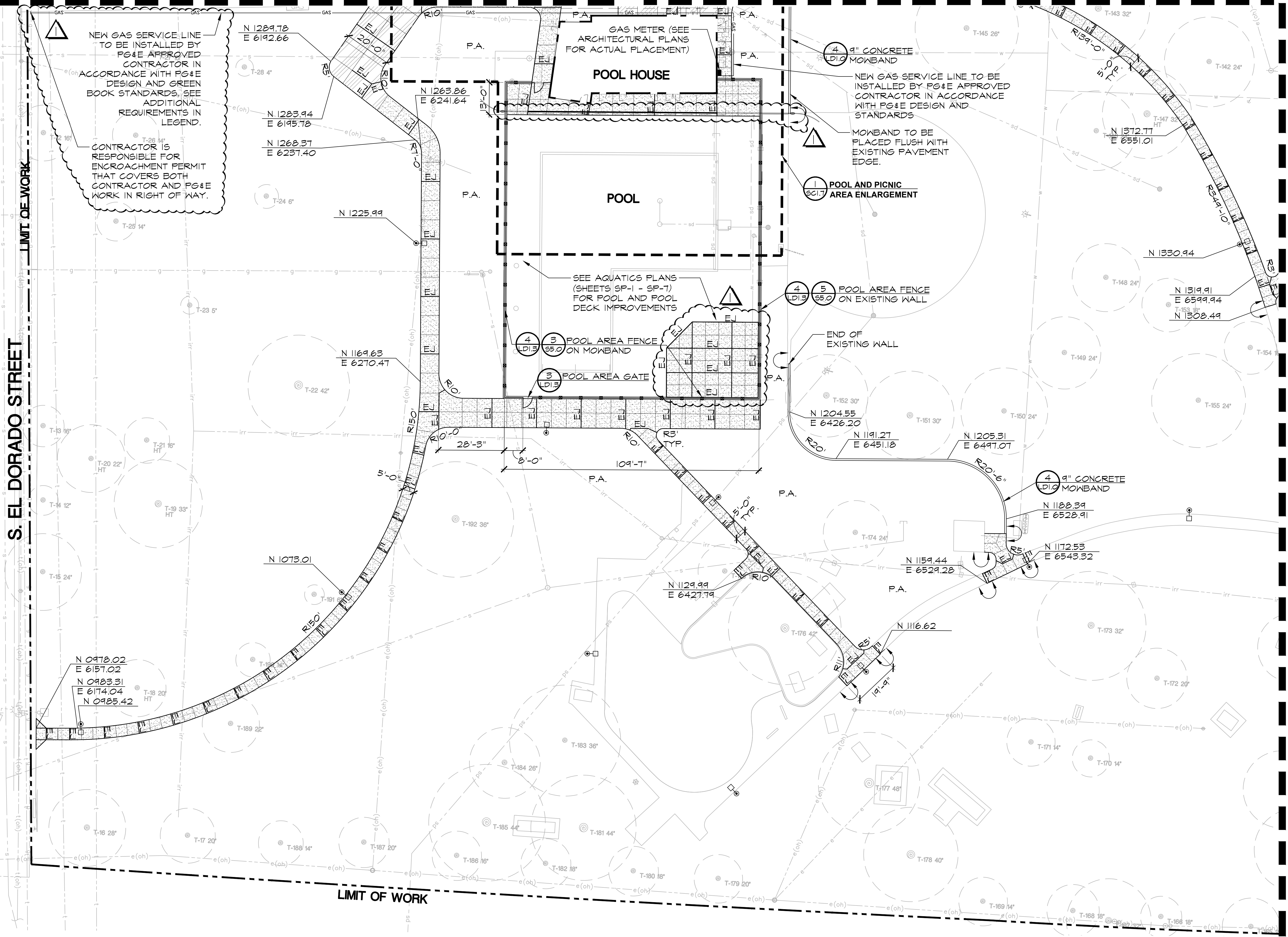
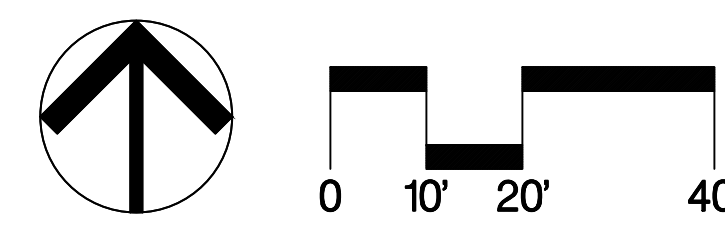
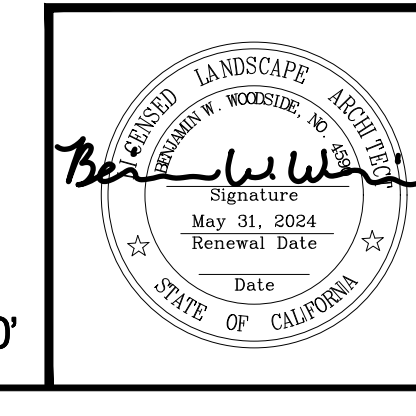
CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

SITE CONSTRUCTION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO. SC1.2
SCALE AS SHOWN	DESIGNED BY DCM			38 OF 162 SHTS
DRAWN BY CM	CHECKED BY BW	CITY ENGINEER		WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA		PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



NEW GAS SERVICE LINE TO BE INSTALLED BY PG&E APPROVED CONTRACTOR IN ACCORDANCE WITH PG&E DESIGN AND GREEN BOOK STANDARDS. SEE ADDITIONAL REQUIREMENTS IN LEGEND.

CONTRACTOR IS RESPONSIBLE FOR ENCROACHMENT PERMIT THAT COVERS BOTH CONTRACTOR AND PG&E WORK IN RIGHT OF WAY.

S. EL DORADO STREET

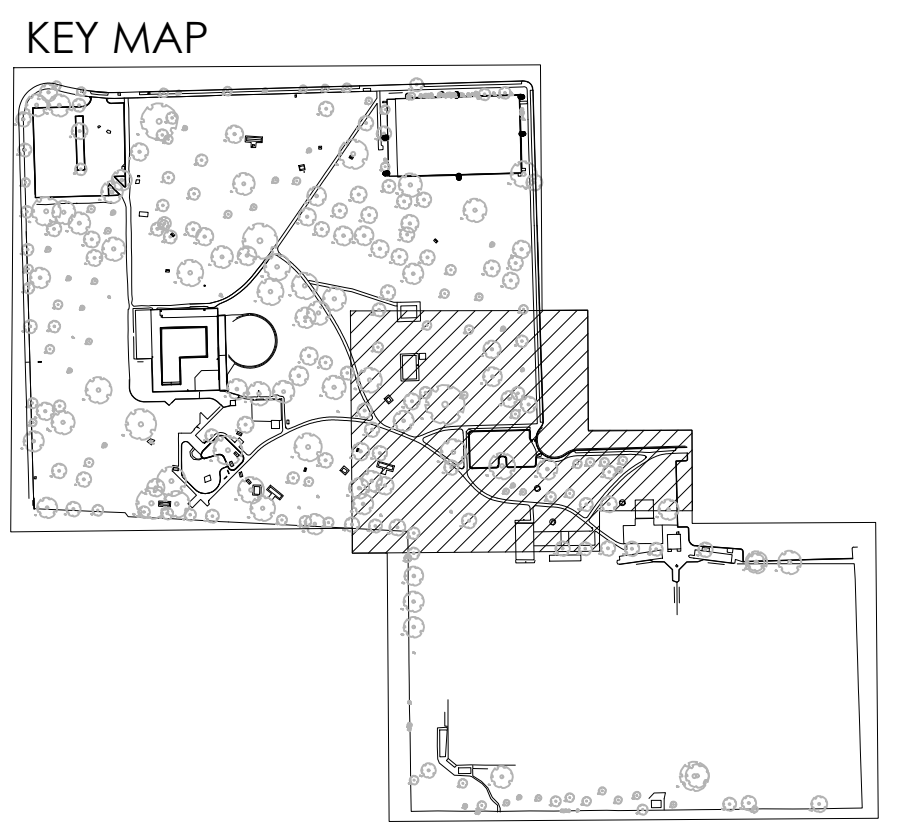
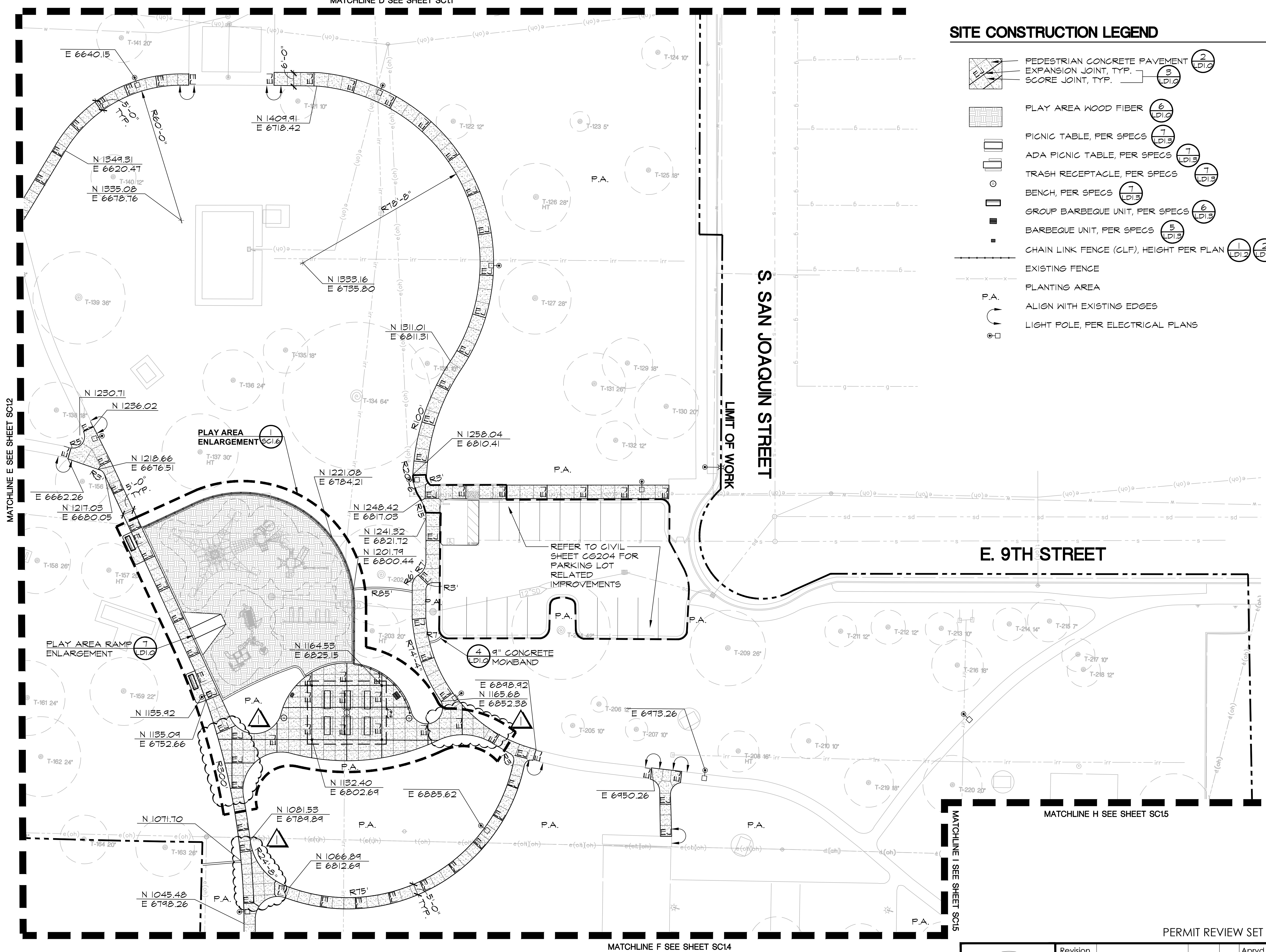
SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES

File Path: \\projects\2023\21013_MCKINLEY_PARK_RENOVATIONS\SC1.2_SiteConstruction.dwg Plot Date: 11/14/22 Saved By: CDM
 Copyright © 2022 Callander Associates Architecture, Inc.

MATCHLINE D SEE SHEET SC11

SITE CONSTRUCTION LEGEND

- PEDESTRIAN CONCRETE PAVEMENT (2) LDI.0
- EXPANSION JOINT, TYP. (3) LDI.0
- SCORE JOINT, TYP. (3) LDI.0
- PLAY AREA WOOD FIBER (6) LDI.0
- PICNIC TABLE, PER SPECS (7) LDI.3
- ADA PICNIC TABLE, PER SPECS (7) LDI.3
- TRASH RECEPTACLE, PER SPECS (7) LDI.3
- BENCH, PER SPECS (7) LDI.3
- GROUP BARBEQUE UNIT, PER SPECS (6) LDI.3
- BARBEQUE UNIT, PER SPECS (5) LDI.3
- CHAIN LINK FENCE (CLF), HEIGHT PER PLAN (1) LDI.2 (2) LDI.2
- EXISTING FENCE
- P.A. PLANTING AREA
- ALIGN WITH EXISTING EDGES
- LIGHT POLE, PER ELECTRICAL PLANS



MATCHLINE E SEE SHEET SC12

LIMIT OF WORK

S. SAN JOAQUIN STREET

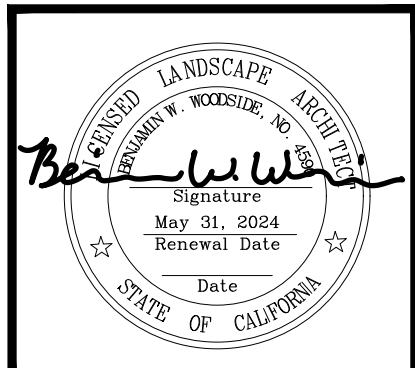
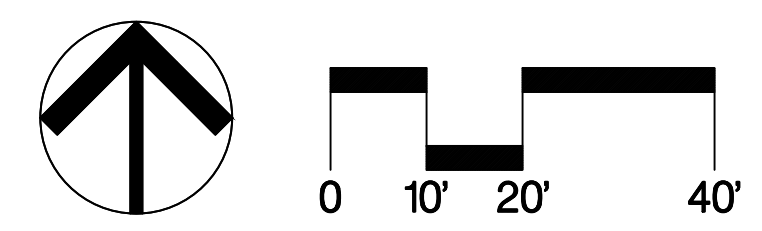
E. 9TH STREET

MATCHLINE H SEE SHEET SC15

MATCHLINE F SEE SHEET SC14

MATCHLINE I SEE SHEET SC15

SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.calanderrassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
SITE CONSTRUCTION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE AS SHOWN	DESIGNED BY DCM	DATE	SC1.3
DRAWN BY CM	CHECKED BY BW	CITY ENGINEER	39 OF 162 SHTS
RECORD DWGS.		STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

File Path: T:\Projects\21013_MckinleyParkRenovations\SC1.3_SiteConstruction.dwg Plot Date: 11/14/22 Saved By: CDM
 Copyright © 2022 Calander Associates, Inc.

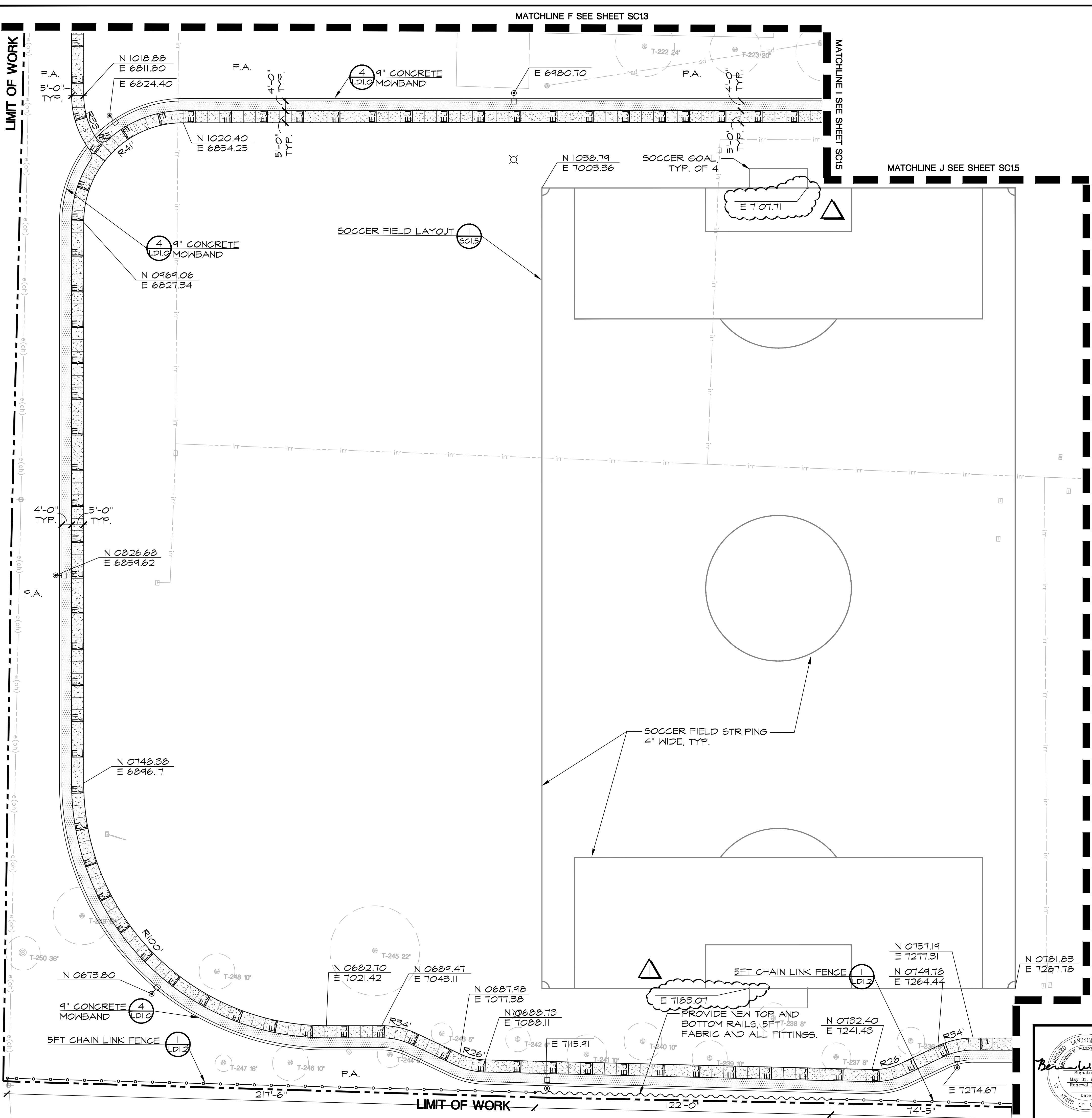
MATCHLINE F SEE SHEET SC13

MATCHLINE I SEE SHEET SC15

MATCHLINE J SEE SHEET SC15

MATCHLINE M SEE SHEET SC15

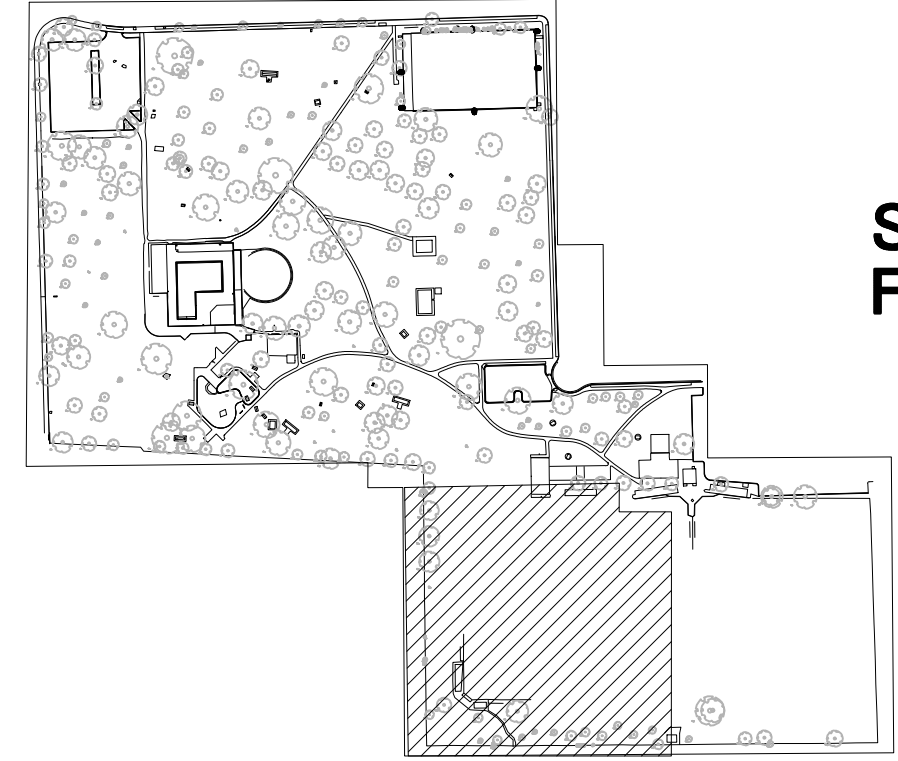
LIMIT OF WORK



SITE CONSTRUCTION LEGEND

- PEDESTRIAN CONCRETE PAVEMENT (2 LPI,0)
EXPANSION JOINT, TYP. (3 LPI,0)
SCORE JOINT, TYP. (3 LPI,0)
DECOMPOSED GRANITE PAVEMENT (3 LPI,1)
P.A. PLANTING AREA
CHAIN LINK FENCE (CLF), HEIGHT PER PLAN (1 LPI,2) (2 LPI,2)
CLF RAILS, FABRIC, AND FITTINGS, HEIGHT PER PLAN
EXISTING FENCE
LIGHT POLE, PER ELECTRICAL PLANS

KEY MAP



SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES



CALA logo and contact information: 12150 Tributary Point Drive, Suite 140, Gold River, CA 95670, T 916.985.4366, www.callanderassociates.com, NOVEMBER 14, 2022, CALA PROJECT NO. 21013

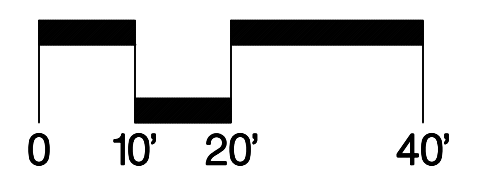
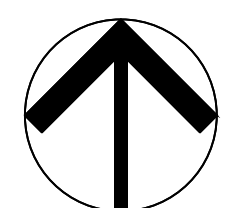
MCKINLEY PARK RENOVATIONS PROJECT SITE CONSTRUCTION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA

Table with columns: SCALE, DESIGNED BY, DRAWN BY, CHECKED BY, RECORD DWGS., APPROVED BY: DATE, CITY ENGINEER, STOCKTON, CALIFORNIA, SHEET NO. SC1.4, 40 OF 162 SHTS, WR21017 PROJECT NO.

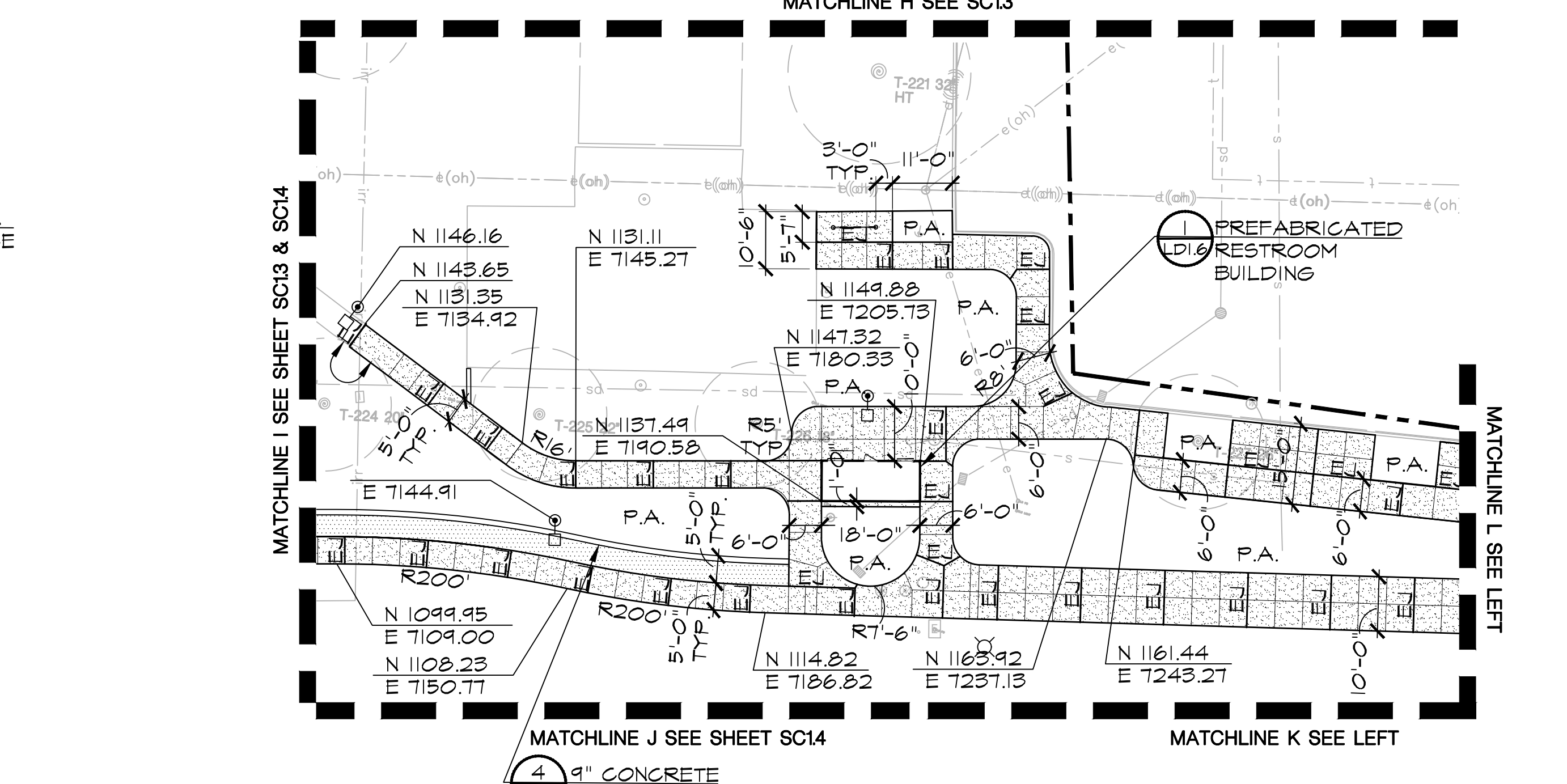
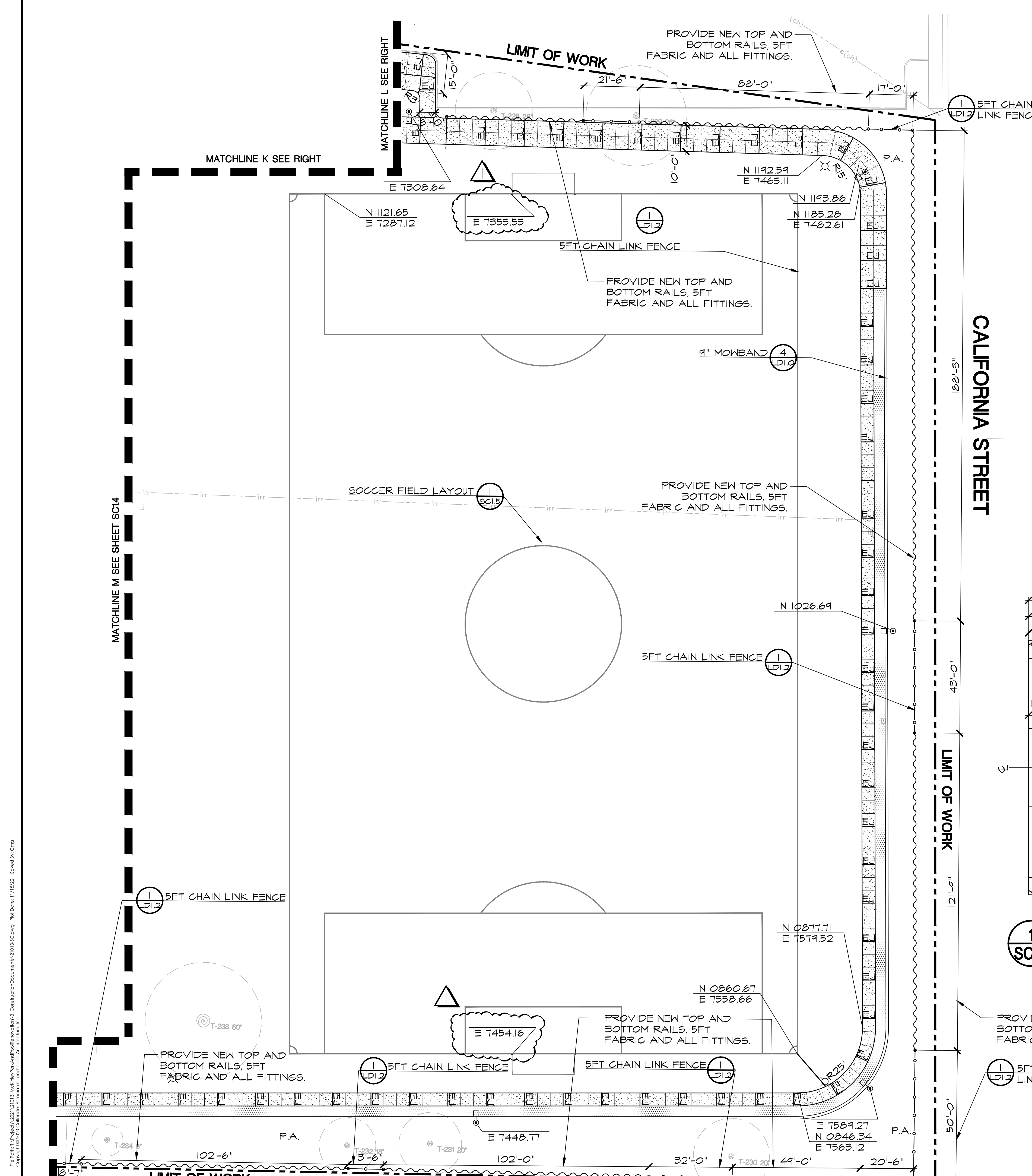
Revision table with columns: Revision No., Description, Date, By, Aprvd. By. Includes a revision entry: RESPONSE TO PERMIT CYCLE 1 COMMENTS, 11/14/22.

Professional seal and signature of the landscape architect, dated May 31, 2024, State of California.



PERMIT REVIEW SET

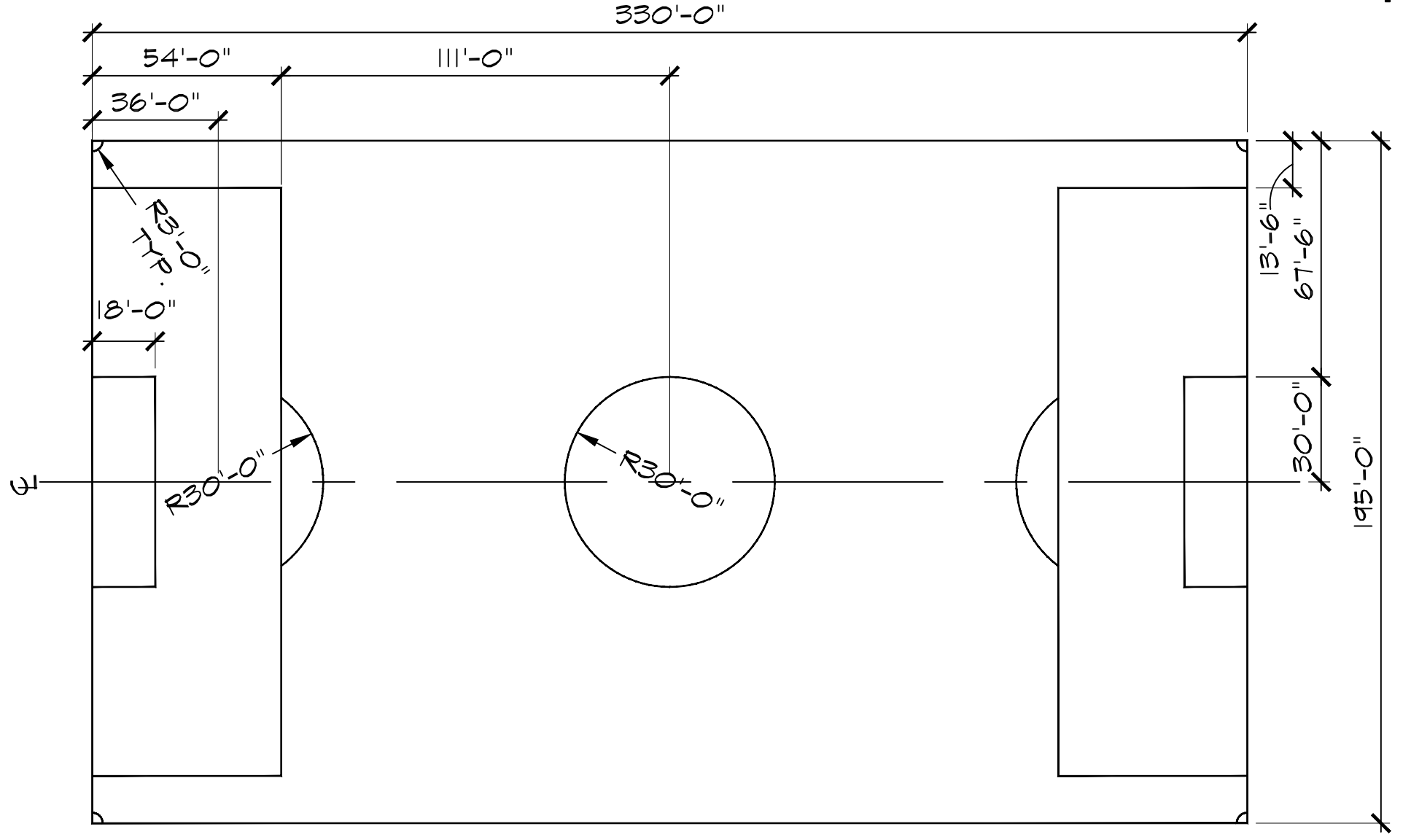
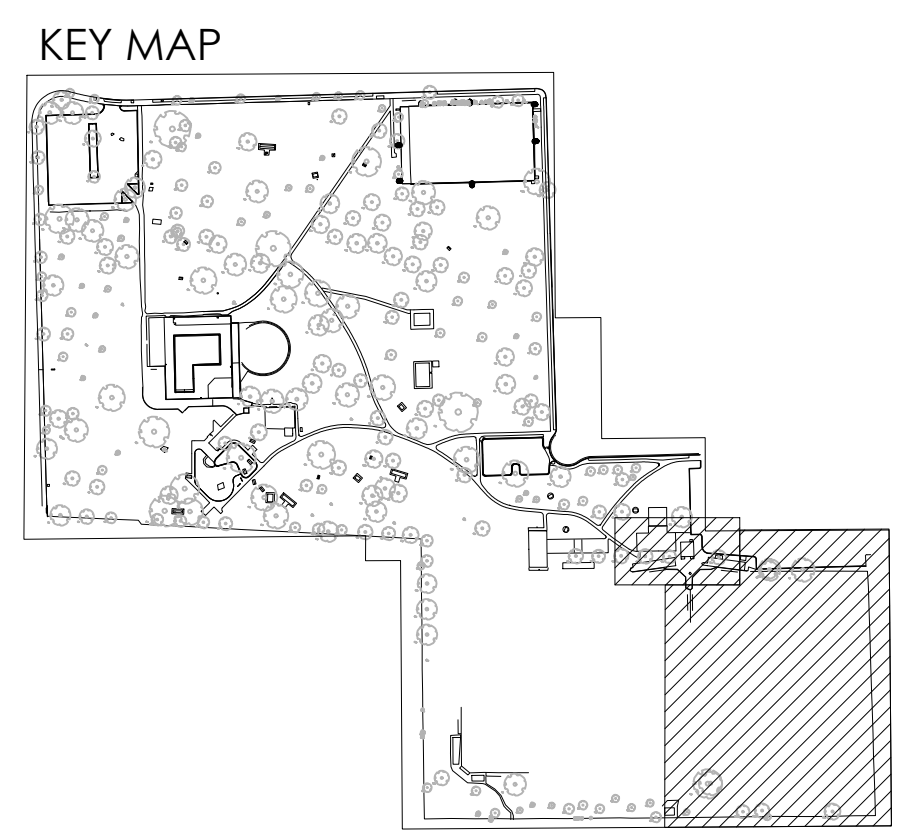
File Path: S:\Projects\2021\21013_MckinleyParkRenovations\SC1.4_SiteConstruction\Documents\21013_SiteConstruction.dwg, Plot Date: 11/14/22, Saved By: Cma, Copyright © 2020 Callander Associates Landscape Architecture, Inc.



SITE CONSTRUCTION LEGEND

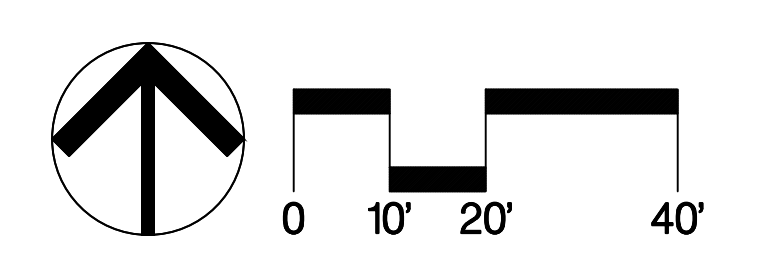
- PEDESTRIAN CONCRETE PAVEMENT (2) (D1.9)
- EXPANSION JOINT, TYP. (3) (D1.9)
- SCORE JOINT, TYP. (3) (D1.9)
- DECOMPOSED GRANITE PAVEMENT (2) (D1.1)
- P.A. PLANTING AREA
- CHAIN LINK FENCE (CLF), HEIGHT PER PLAN (1) (D1.2) (2) (D1.2)
- CLF RAILS, FABRIC, AND FITTINGS, HEIGHT PER PLAN
- EXISTING FENCE
- LIGHT POLE, PER ELECTRICAL PLANS (330'-0")

SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES



1 SOCCER FIELD LAYOUT PLAN
SC15

PROVIDE NEW TOP AND BOTTOM RAILS, 5FT FABRIC AND ALL FITTINGS.



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

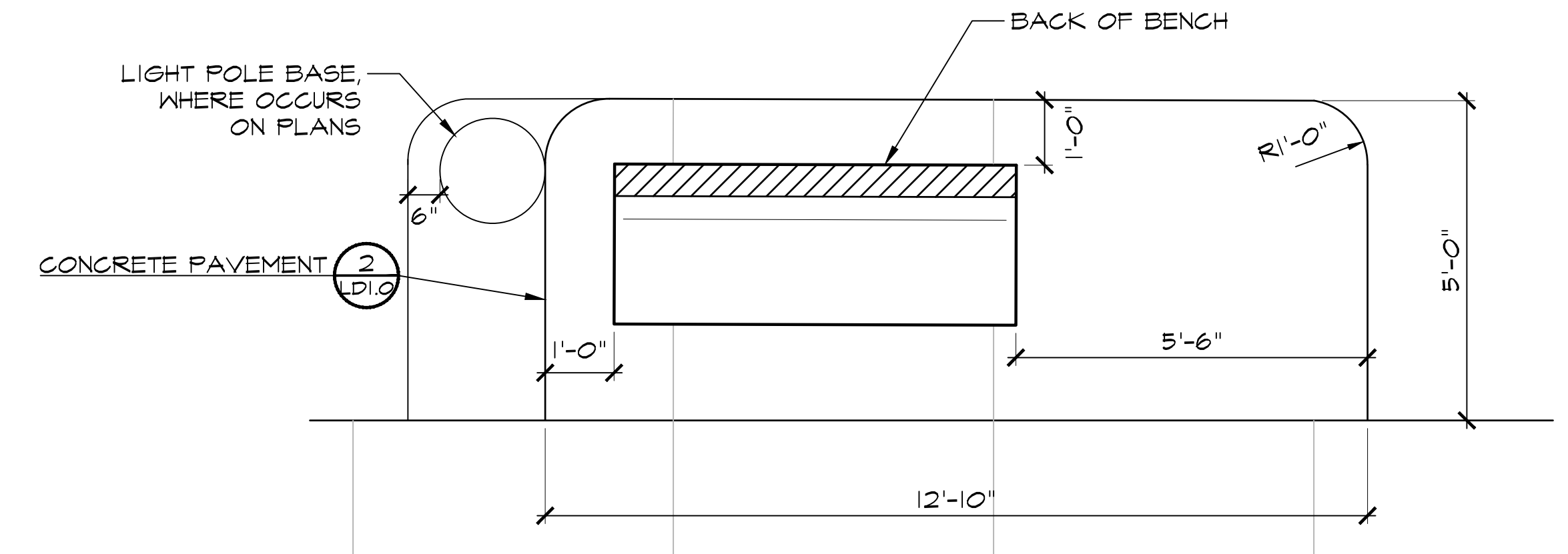
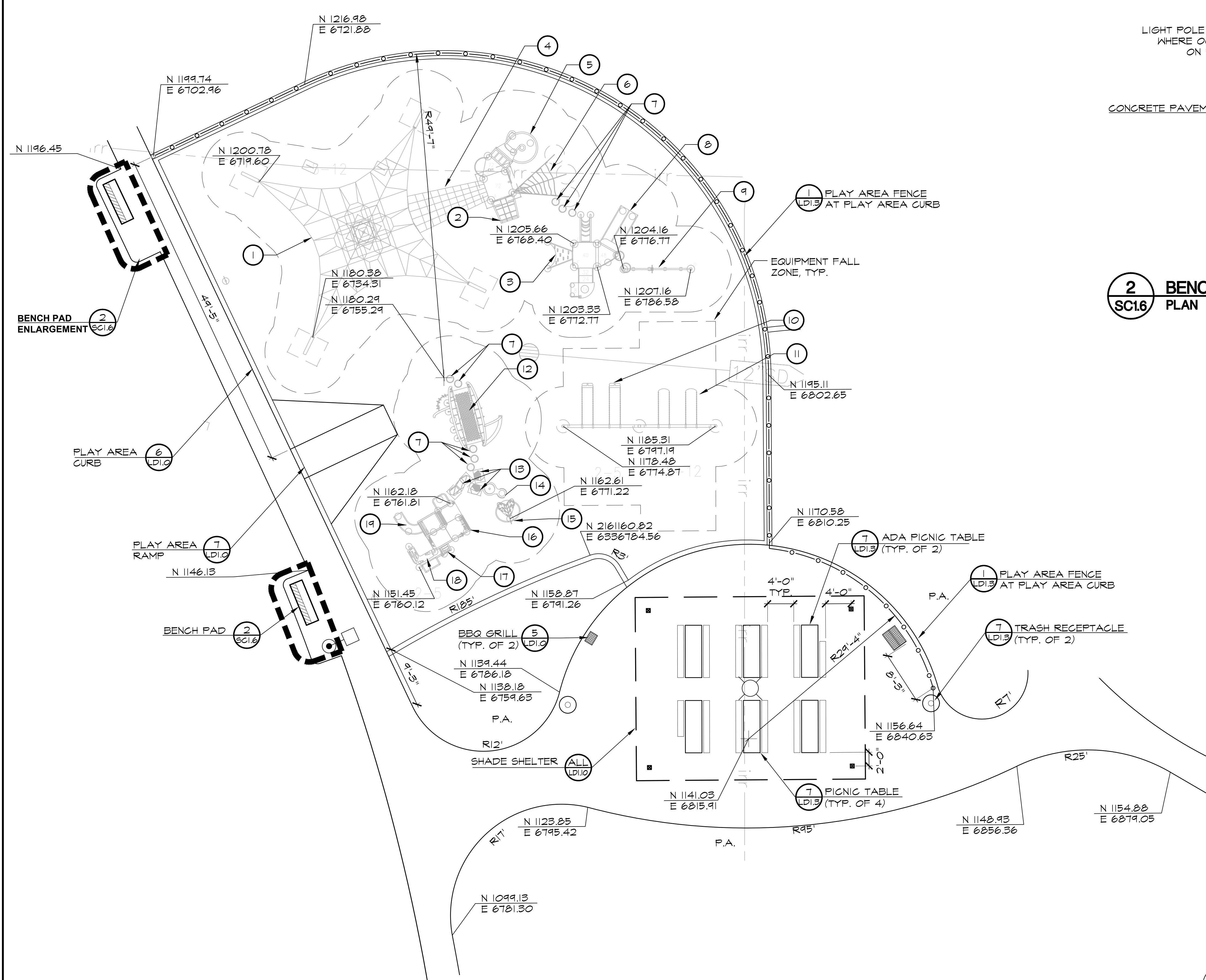
SITE CONSTRUCTION

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY DCM	
DRAWN BY CM	
CHECKED BY BW	CITY ENGINEER
RECORD DWGS.	STOCKTON, CALIFORNIA

SHEET NO.
SC1.5
41 OF 162 SHTS
WR21017 PROJECT NO.

File Path: N:\Projects\2021\21013_MckinleyParkRenovations\21013_SitePlan_Plot Date: 11/14/22 Saved By: Cma
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.



2 BENCH PAD
SC16 PLAN

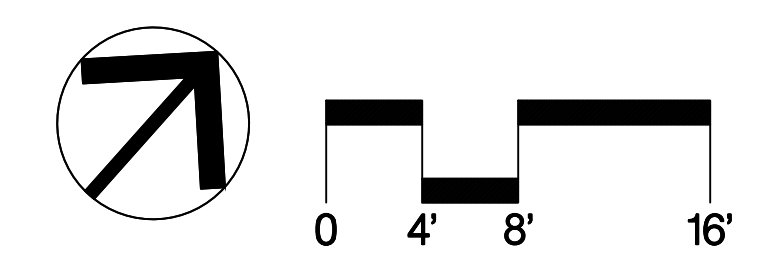
PLAY EQUIPMENT SCHEDULE

- | | |
|-----------------------|---|
| ① LUNAR BLAST | ⑪ BELT SEAT SWINGS |
| ② CREST CLIMBER | ⑫ INDEPENDENT ARC CLIMBER W/ BELTING & SWIGGLY STIX |
| ③ ROCK CLIMBER | ⑬ FACET STEPPERS |
| ④ SPACELINK CLIMBER | ⑭ WOBBLE POD |
| ⑤ WHOOSH/WINDER SLIDE | ⑮ WEE PLANET CLIMBER |
| ⑥ STAR SEEKER CLIMBER | ⑯ PUZZLE PANEL |
| ⑦ POD CLIMBERS | ⑰ ARCH CLIMBER |
| ⑧ DOUBLE SLIDE | ⑱ ACTIVITY TABLE |
| ⑨ TIGHT ROPE | ⑲ CURVED SLIDE |
| ⑩ BUCKET SEAT SWINGS | |

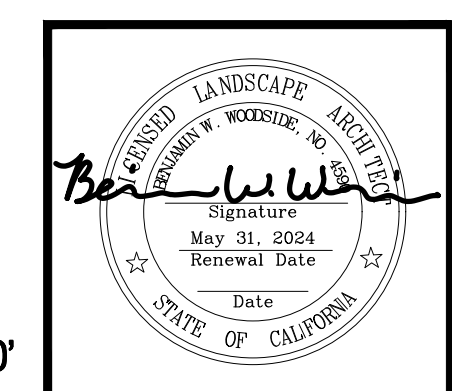
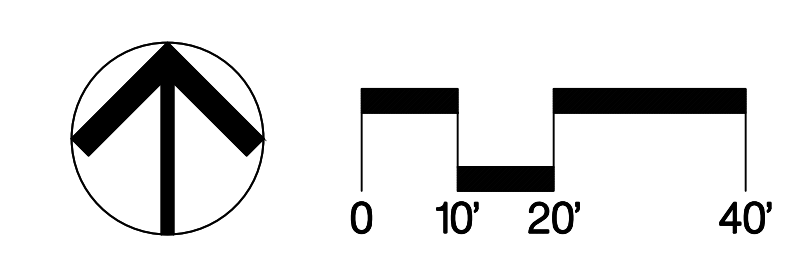
NOTE: PLAY EQUIPMENT MEETS THE REQUIREMENTS OF CBC 11B-240 AND SECTION 240 OF THE 2010 ADAS

2-5	TOTAL ELEVATED PLAY COMPONENTS	9		
	TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
	TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	9	REQUIRED	5
	TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	11	REQUIRED	3
	TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	7	REQUIRED	7
5-12	TOTAL ELEVATED PLAY COMPONENTS	8		
	TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
	TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	4	REQUIRED	4
	TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	5	REQUIRED	3
	TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3	REQUIRED	3

1 PLAY AREA ENLARGEMENT
SC16 PLAN



SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES



Revision No.	Description	Date	By	Aprvd. By

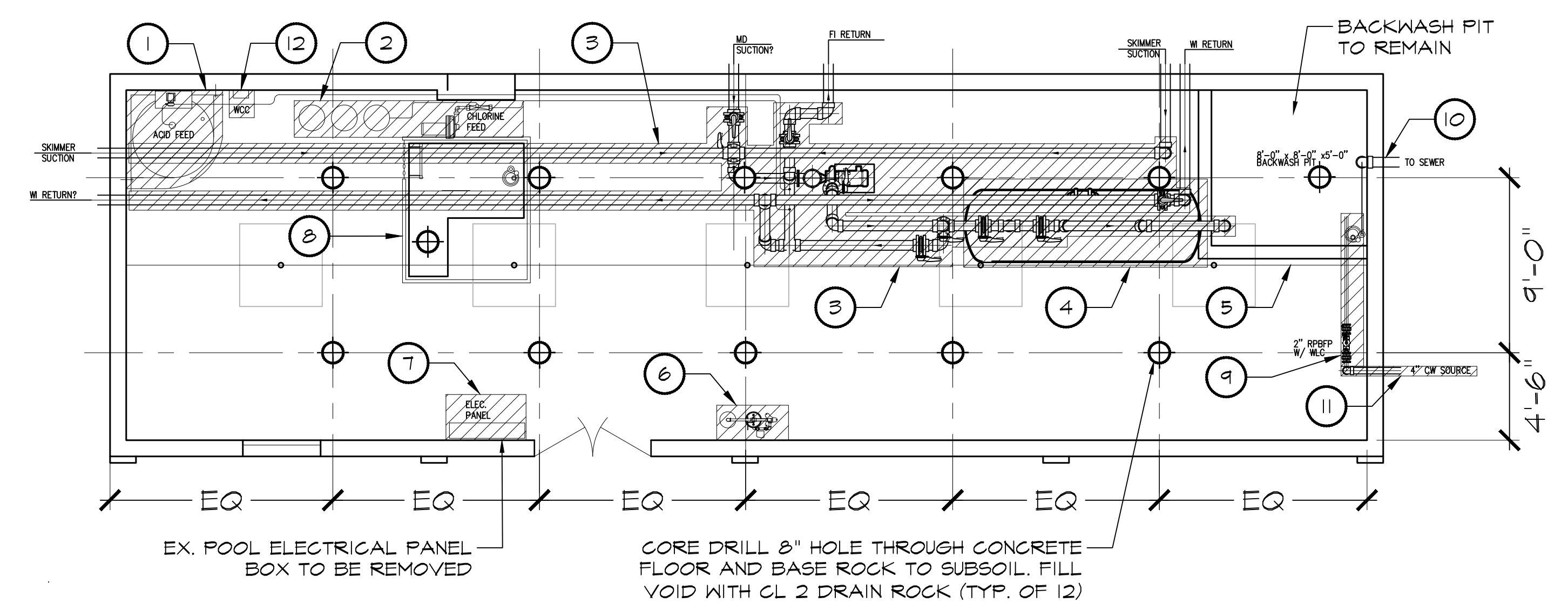
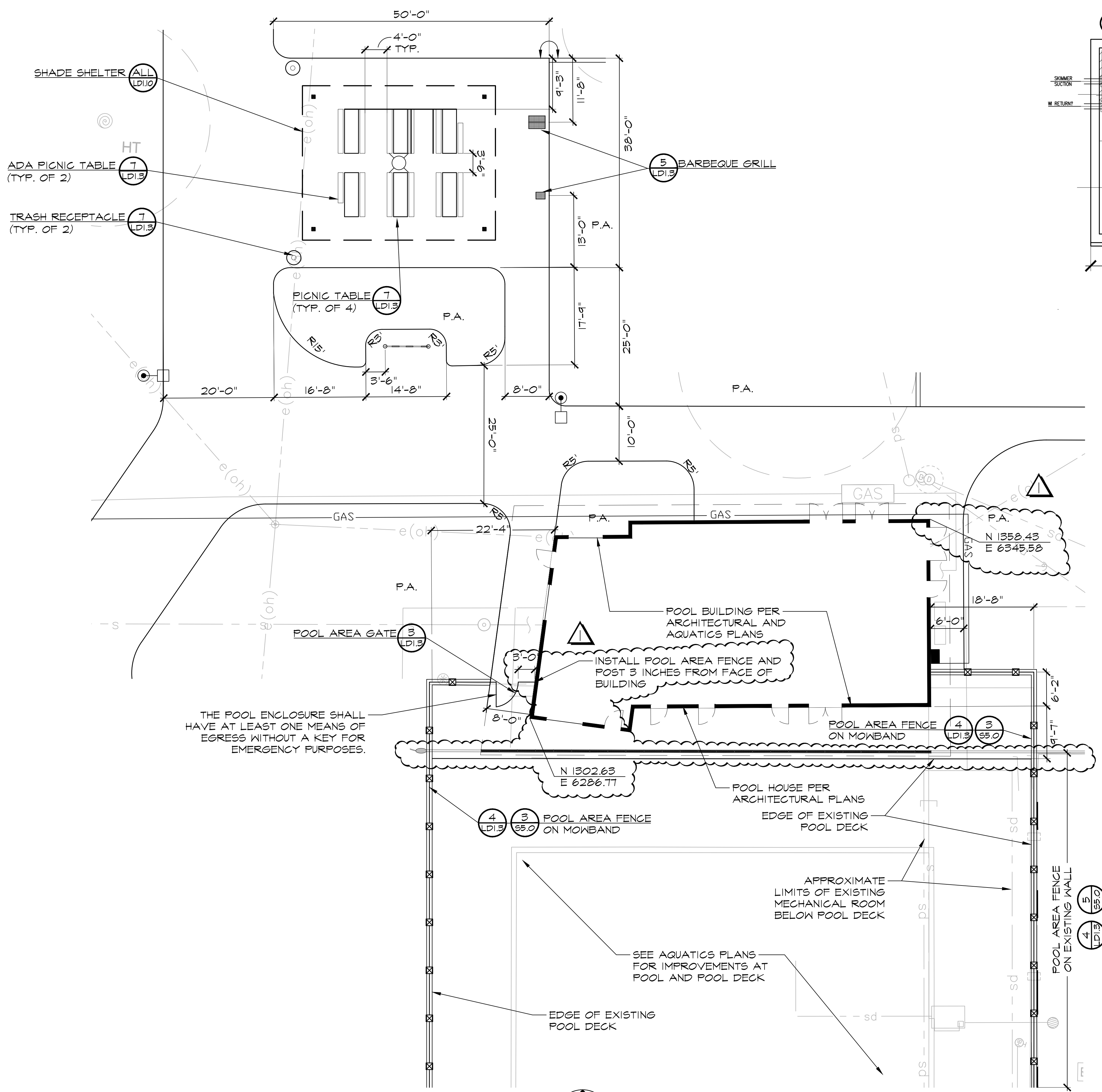
CALLA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ENLARGEMENT PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. SC1.6 42 OF 162 SHEETS
SCALE AS SHOWN	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.	



File Path: N:\Projects\2021\21013_MckinleyParkRenovations\21013_SC16.dwg Plot Date: 11/14/22 Saved By: Cma Copyright © 2020 Callander Associates Landscape Architecture, Inc.



KEY

- | | | |
|---|---|--|
| ① ACID FEED AND STORAGE TANK AND PIPING TO BE REMOVED | ⑤ BACKWASH PIT TO REMAIN | ⑩ SEE CIVIL PLANS FOR SEWER LINE DISPOSITION |
| ② CHLORINE FEED SYSTEM AND PUMP TO BE REMOVED | ⑥ EYEWASH STATION TO BE REMOVED | ⑪ SEE CIVIL PLANS FOR WATER LINE DISPOSITION |
| ③ ALL EXISTING PIPING, VALVES, AND FITTINGS TO BE REMOVED | ⑦ ELECTRICAL PANEL ENCLOSURE TO BE REMOVED | ⑫ AUTOMATED CONTROL BOX AND WIRING TO BE REMOVED |
| ④ FILTER TANK TO BE REMOVED | ⑧ SUMP TO REMAIN | |
| | ⑨ REDUCED PRESSURE BACKFLOW PREVENTED TO BE REMOVED | |

NOTE: APPROXIMATELY 20 SQUARE FEET OF NONFRIABLE 8-INCH PIPE GASKETS TO BE REMOVED FROM THE MECHANICAL ROOM HAVE BEEN IDENTIFIED TO CONTAIN CHRYSOTILE ASBESTOS. PERSONNEL NOT TRAINED FOR ASBESTOS WORK SHALL DISTURB THESE GASKETS. THESE GASKETS (ACM) SHALL BE REMOVED, SEGREGATED, CHARACTERIZED AND DISPOSED BY PROPERLY TRAINED PERSONNEL IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. CONTRACTOR SHALL REFER TO APPENDIX B OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



1 EXSITING MECHANICAL ROOM PLAN

1 POOL AND PICNIC AREA ENLARGEMENT PLAN

SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES

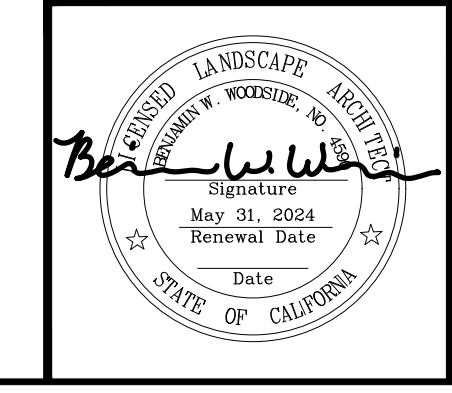


CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

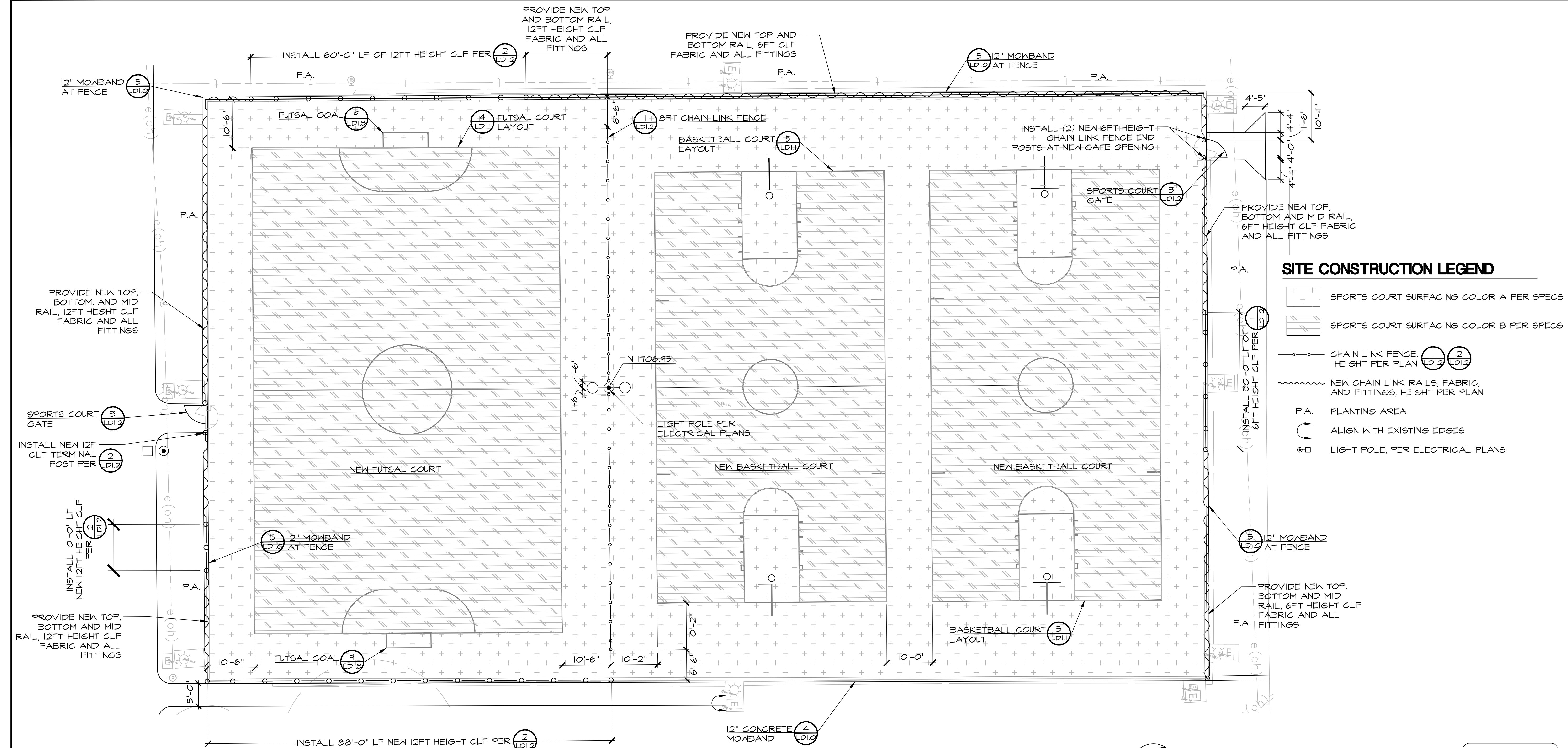
**MCKINLEY PARK RENOVATIONS PROJECT
 POOL AND PICNIC AREA ENLARGEMENT**

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE AS SHOWN	DESIGNED BY DCM	DATE	SC1.7
DRAWN BY CM	CHECKED BY BW	CITY ENGINEER	43 OF 162 SHEETS
RECORD DWGS.		STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

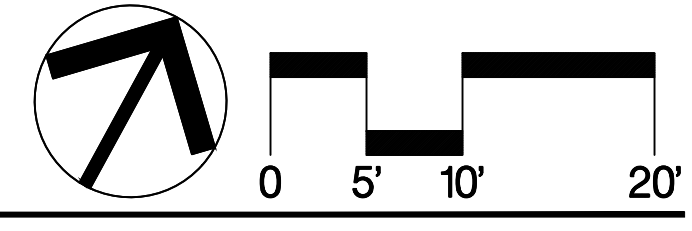


File Path: \\projects\2023\21013_MckinleyParkAndPicnicAreaEnlargement\3_ConstructionDocuments\3_SC1.dwg Plot Date: 11/14/22 Saved By: Cma
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.

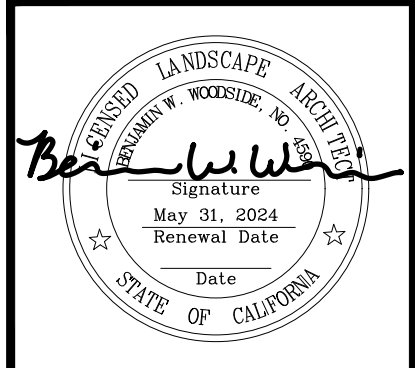
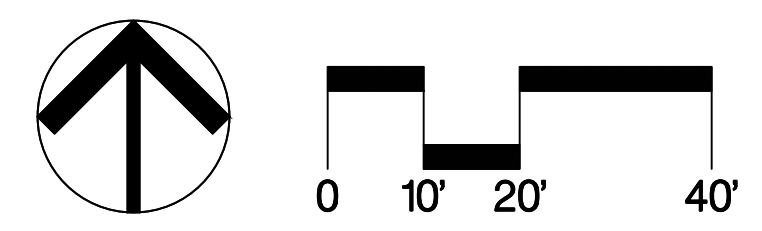


- ### SITE CONSTRUCTION LEGEND
- SPORTS COURT SURFACING COLOR A PER SPECS
 - SPORTS COURT SURFACING COLOR B PER SPECS
 - CHAIN LINK FENCE, HEIGHT PER PLAN (1) (2)
 - NEW CHAIN LINK RAILS, FABRIC, AND FITTINGS, HEIGHT PER PLAN
 - P.A. PLANTING AREA
 - ALIGN WITH EXISTING EDGES
 - LIGHT POLE, PER ELECTRICAL PLANS

1
4.8 SPORTS COURT ENLARGEMENT PLAN



SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES



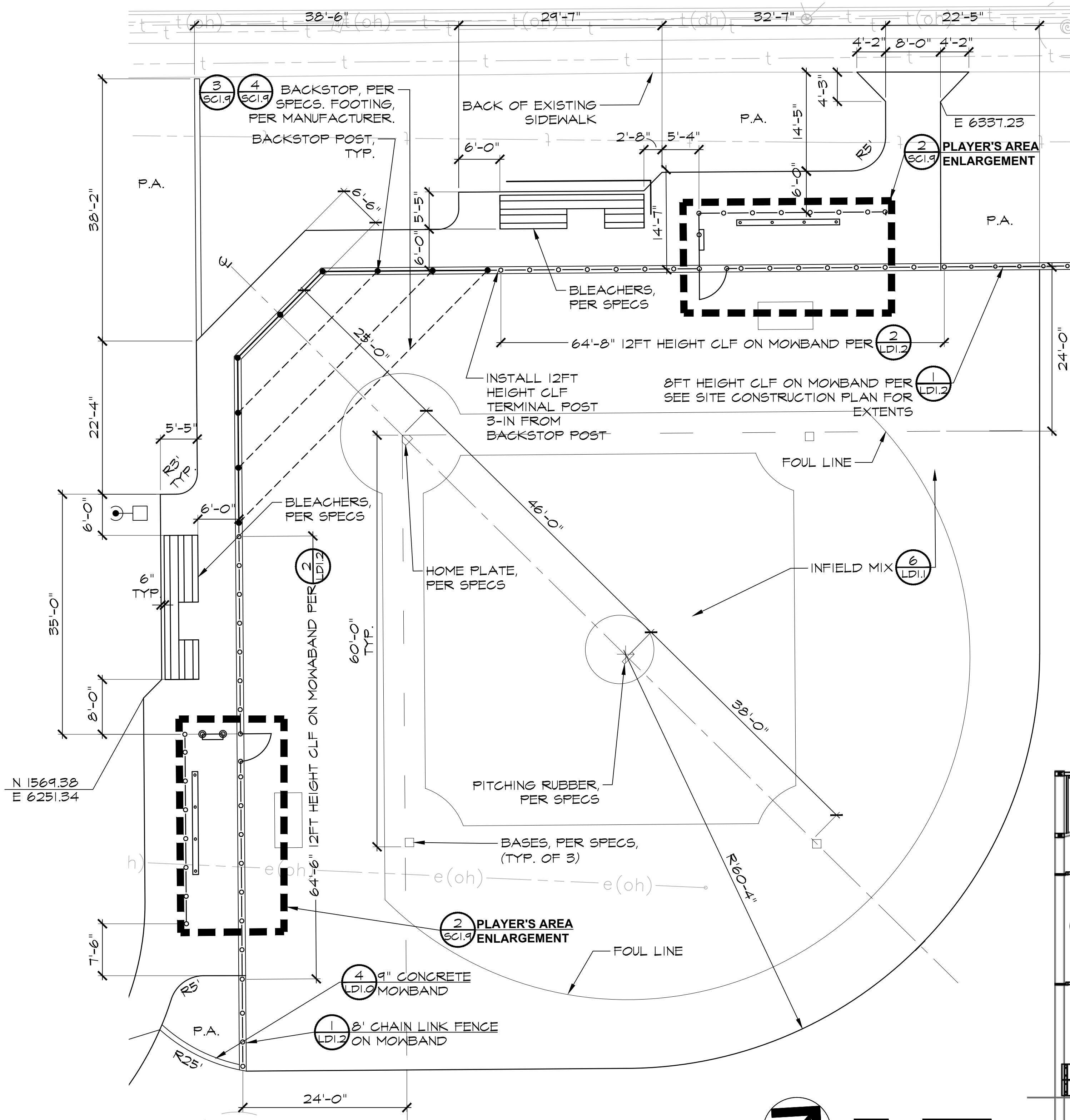
Revision No.	Description	Date	By	Aprvd. By
	COMMENTS	11/14/22		

12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

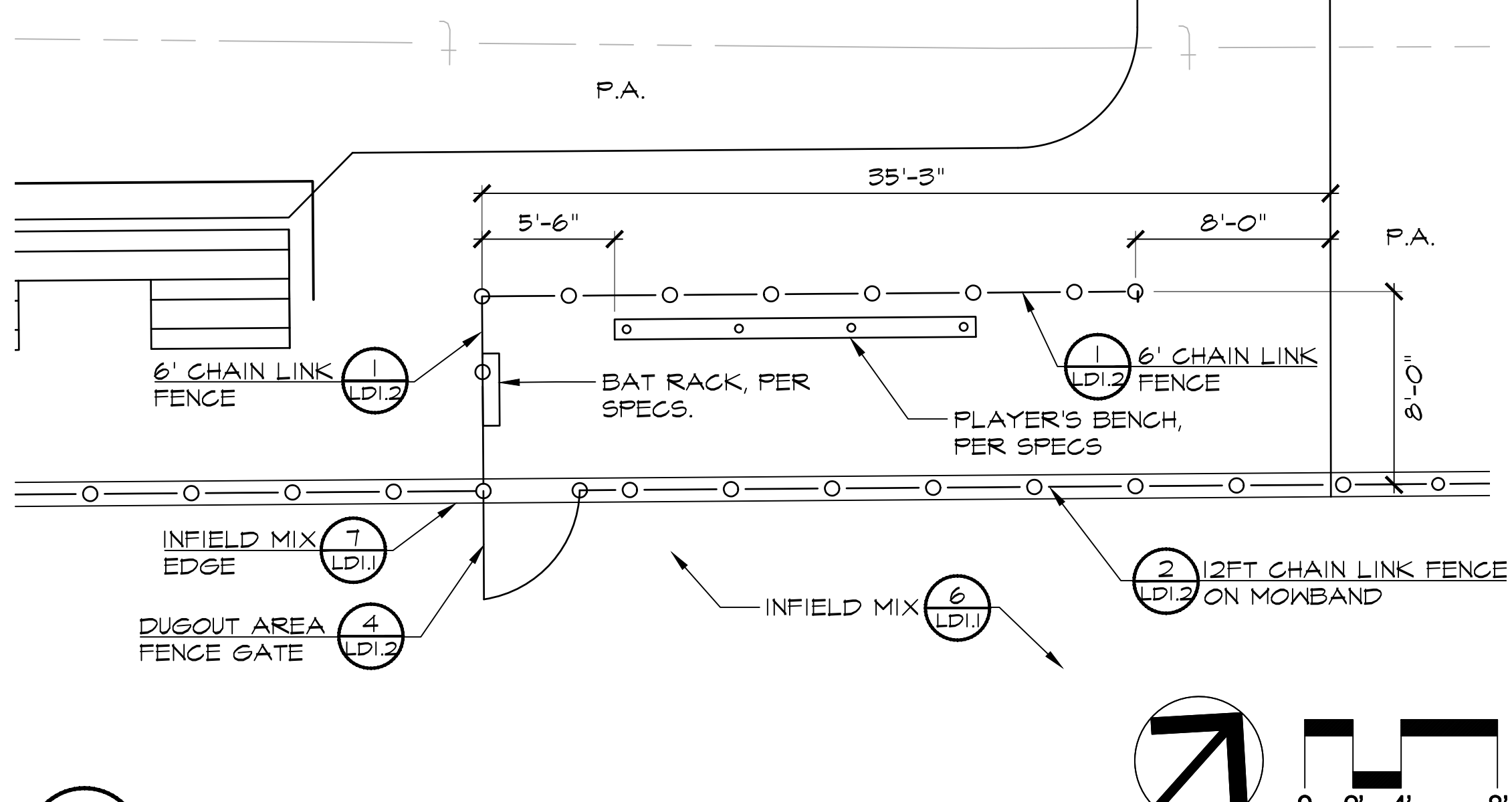
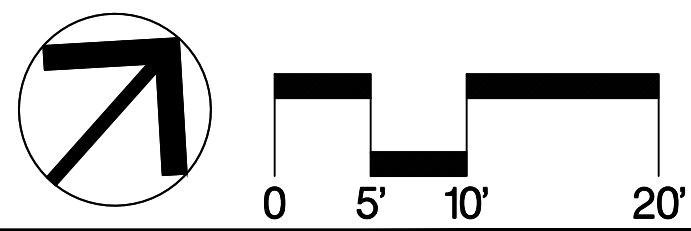
MCKINLEY PARK RENOVATIONS PROJECT
SPORTS COURT ENLARGEMENT PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE AS SHOWN	DESIGNED BY DCM	DATE	SC1.8
DRAWN BY CM	CHECKED BY BW	CITY ENGINEER	44 OF 162 SHTS
RECORD DWGS.		STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

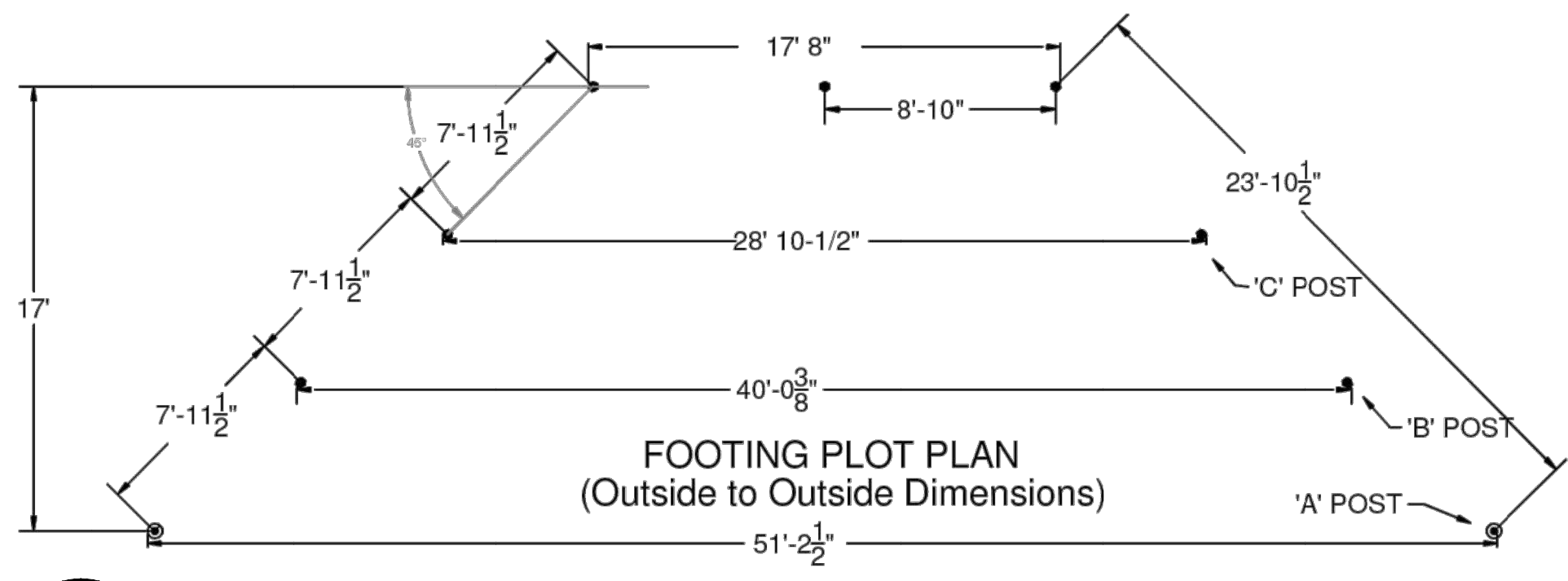
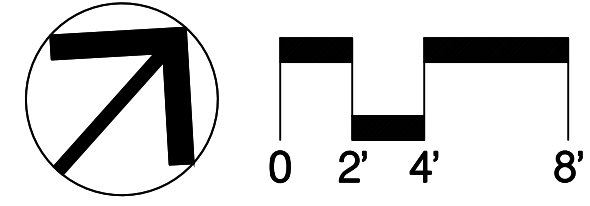
File Path: \\projects\2023\21013_MckinleyParkRenovations\21013_SCP.dwg Plot Date: 11/14/22 Saved By: Cma
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.



1 BALLFIELD ENLARGEMENT
SC1.9 PLAN

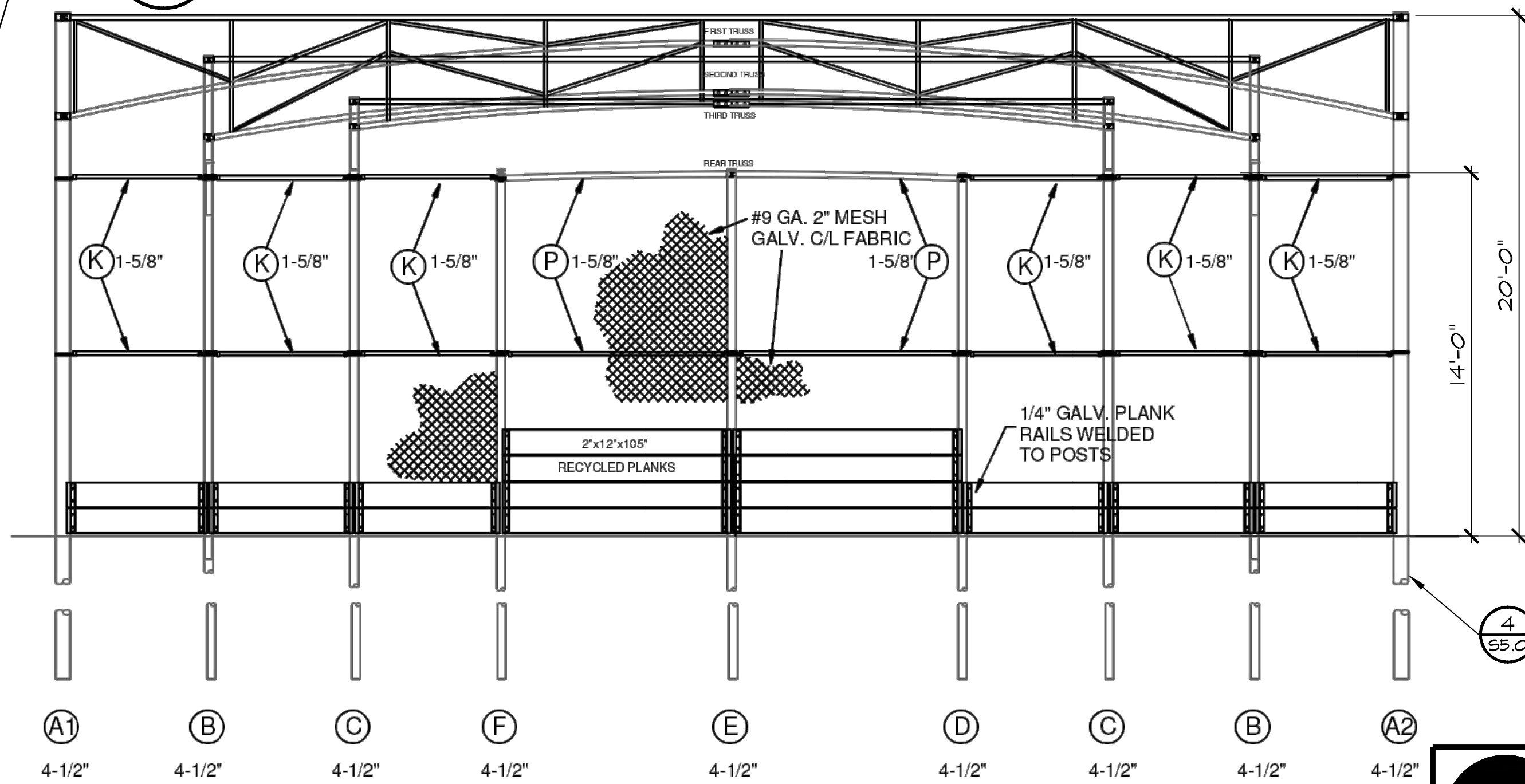


2 PLAYERS AREA ENLARGEMENT
SC1.9 PLAN



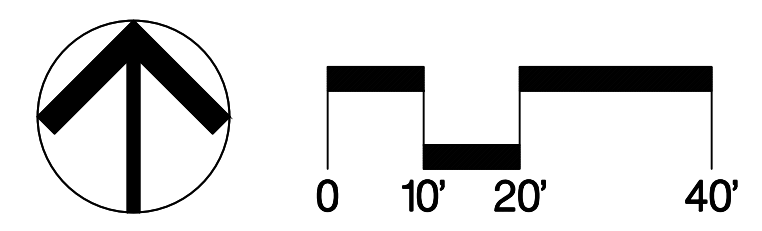
3 BACKSTOP
SC1.9 PLAN

NT.S.

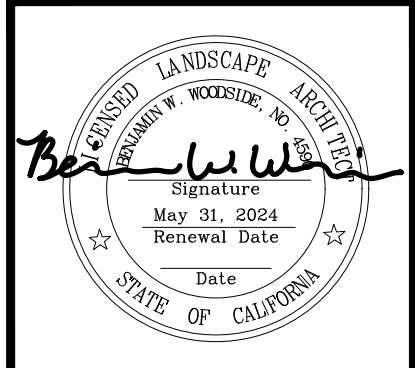


4 BACKSTOP
SC1.9 ELEVATION

NT.S.



SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES



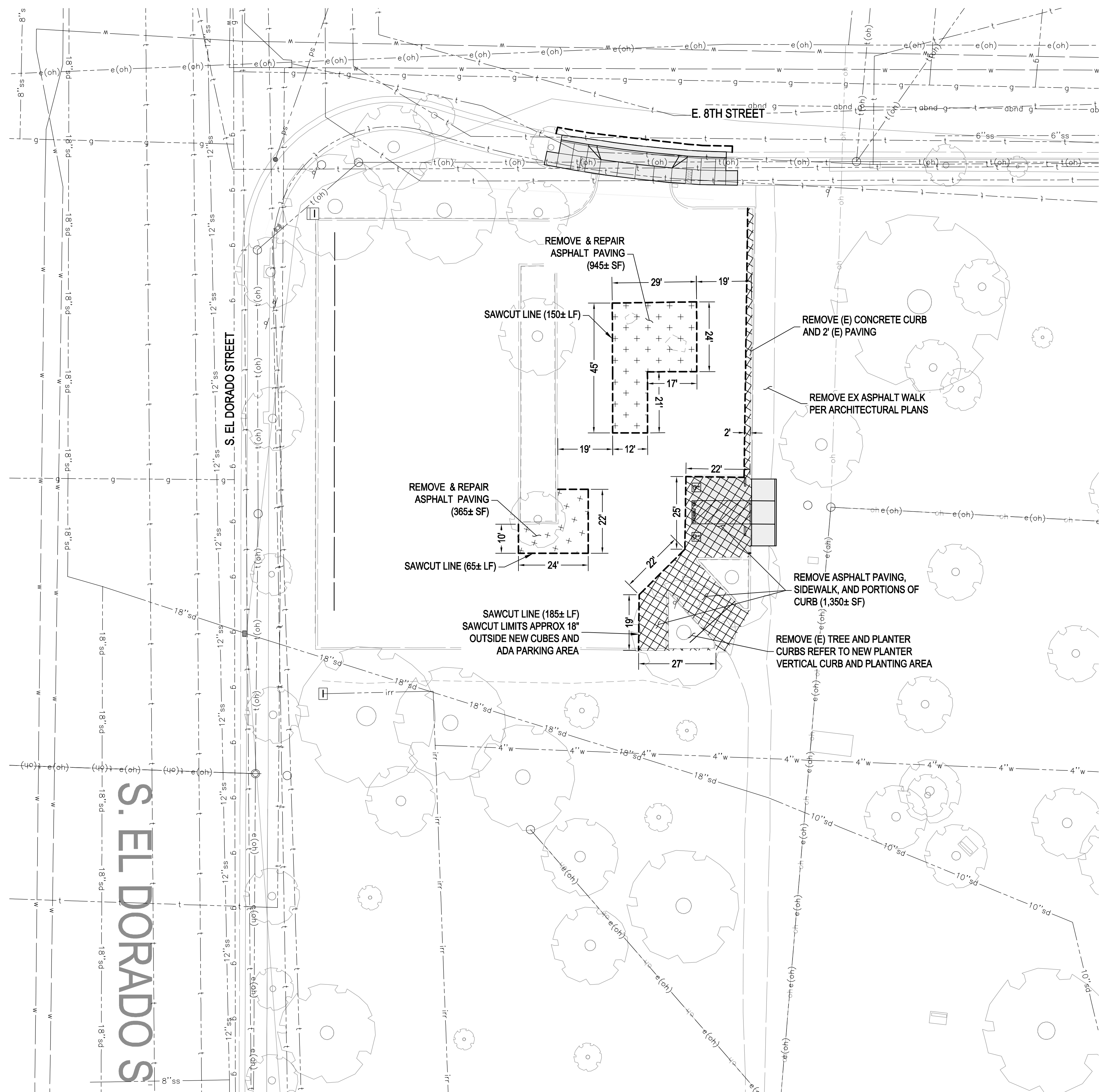
Revision No.	Description	Date	By	Aprvd. By

12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ENLARGEMENT PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	APPROVED BY: _____ DATE _____	SHEET NO. SC1.9 45 OF 162 SHEETS
SCALE AS SHOWN	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.



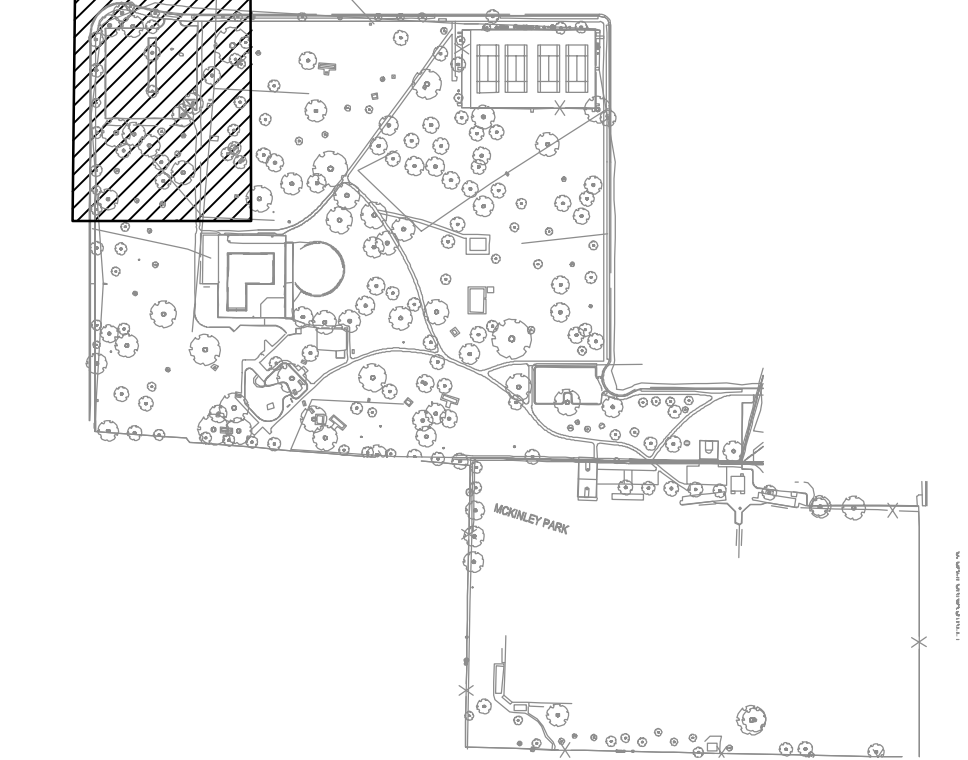


LEGEND

- SAW CUT
- [Cross-hatch pattern] DEMO AND REMOVE (E) HARDSCAPE
- [Diagonal hatch pattern] REMOVE AND RECONSTRUCT FULL PAVEMENT SECTION PER DETAIL 8 SHEET CZ501

- NOTE:
1. SEE SITE DEMOLITION SHEETS SD1.0 THRU SD1.5 FOR DEMO OF EXISTING PARK FEATURES.
 2. SEE TREE DISPOSITION SHEETS TD1.0 THRU TD1.5 FOR DEPOSITION OF TREES.
 3. SEE ARCHITECTURAL SHEETS SC1.0 THRU SC1.9 FOR PARK ADDITIONAL IMPROVEMENTS.
 4. SEE ARCHITECTURAL SHEETS A1.0 FOR ADDITIONAL DEMOTION IN THIS PARKING LOT VICINITY.

KEY MAP



File Path: \\S:\1\CD\Arch\Rev. Imp\mckinley\CD\Drawings\CD201-Demo\Alt-1.dwg Plot Date: 11/14/22 SolverBy: Kaldan
 Copyright © 2022 Callander Associates, Inc.


 711 N. Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900
 www.ksninc.com


 CONTACT 811 BEFORE YOU DIG
 SAFE DIGGING ALERT

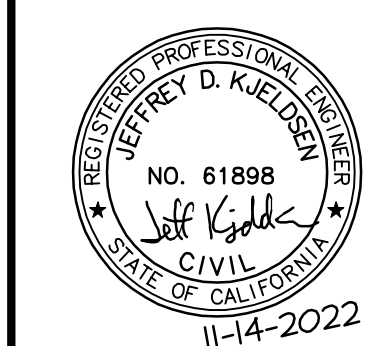
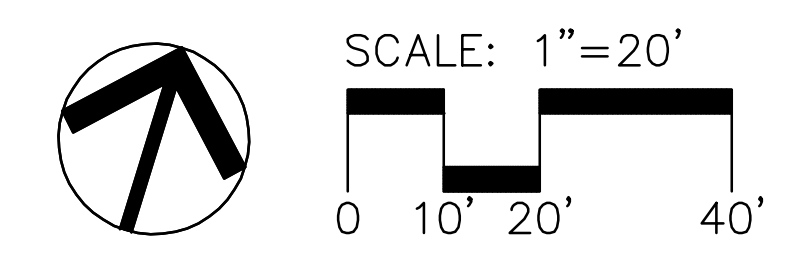

 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

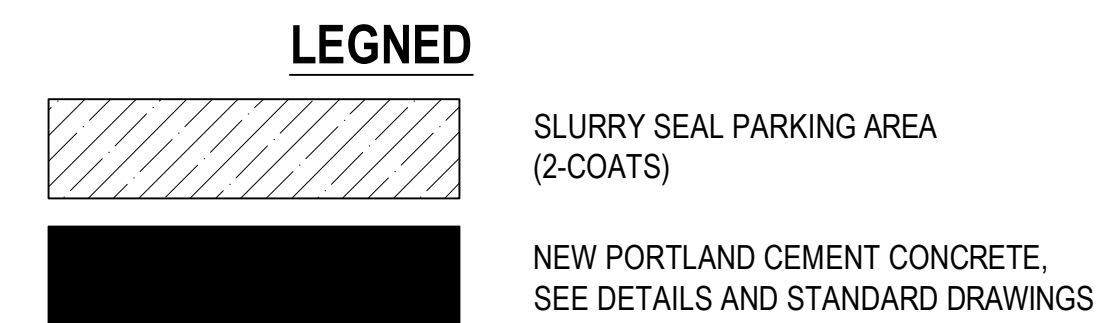
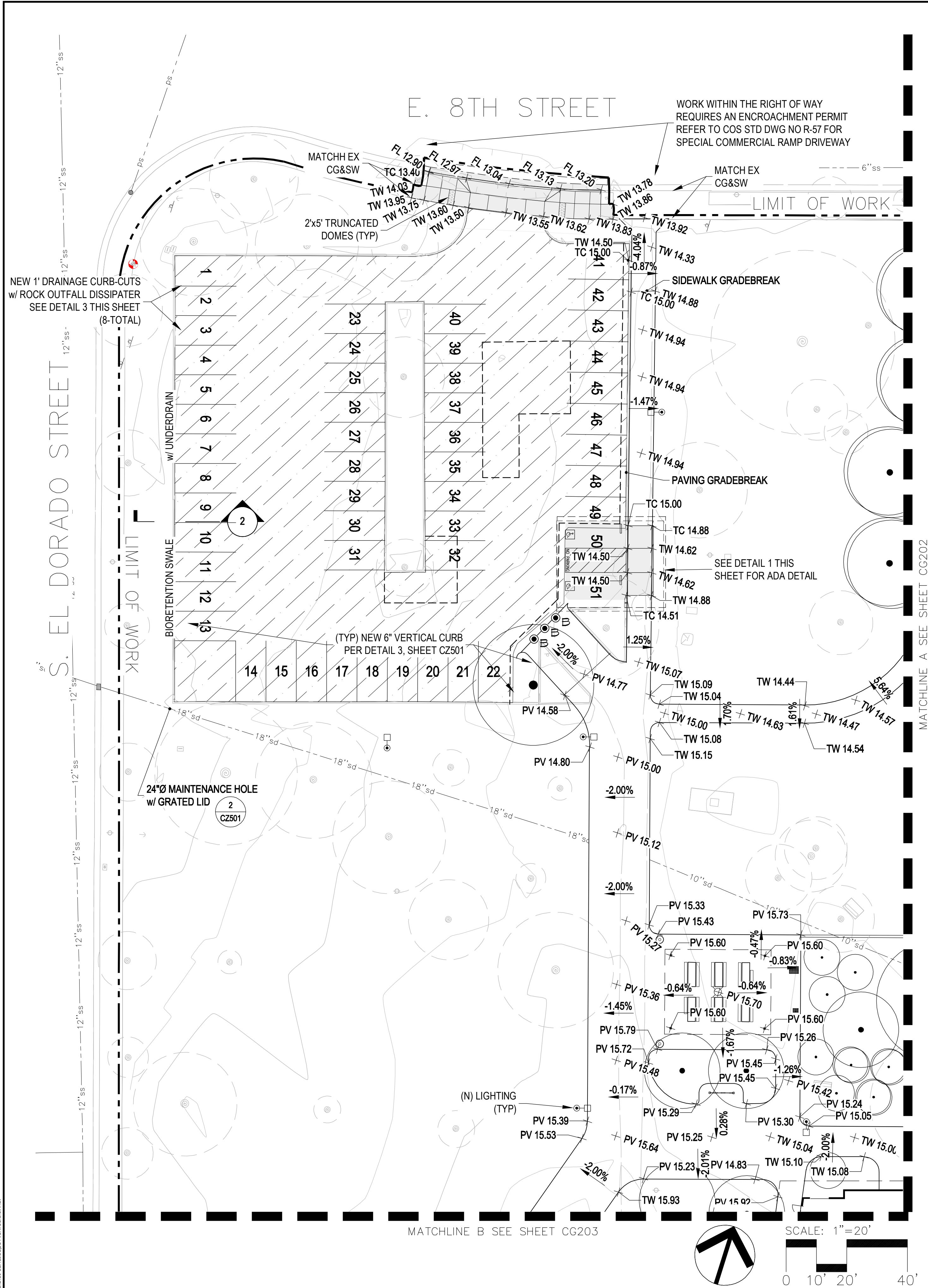
MCKINLEY PARK AND POOL RENOVATION
8TH ST. PARKING - DEMO PLAN - DED ALT-1

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By

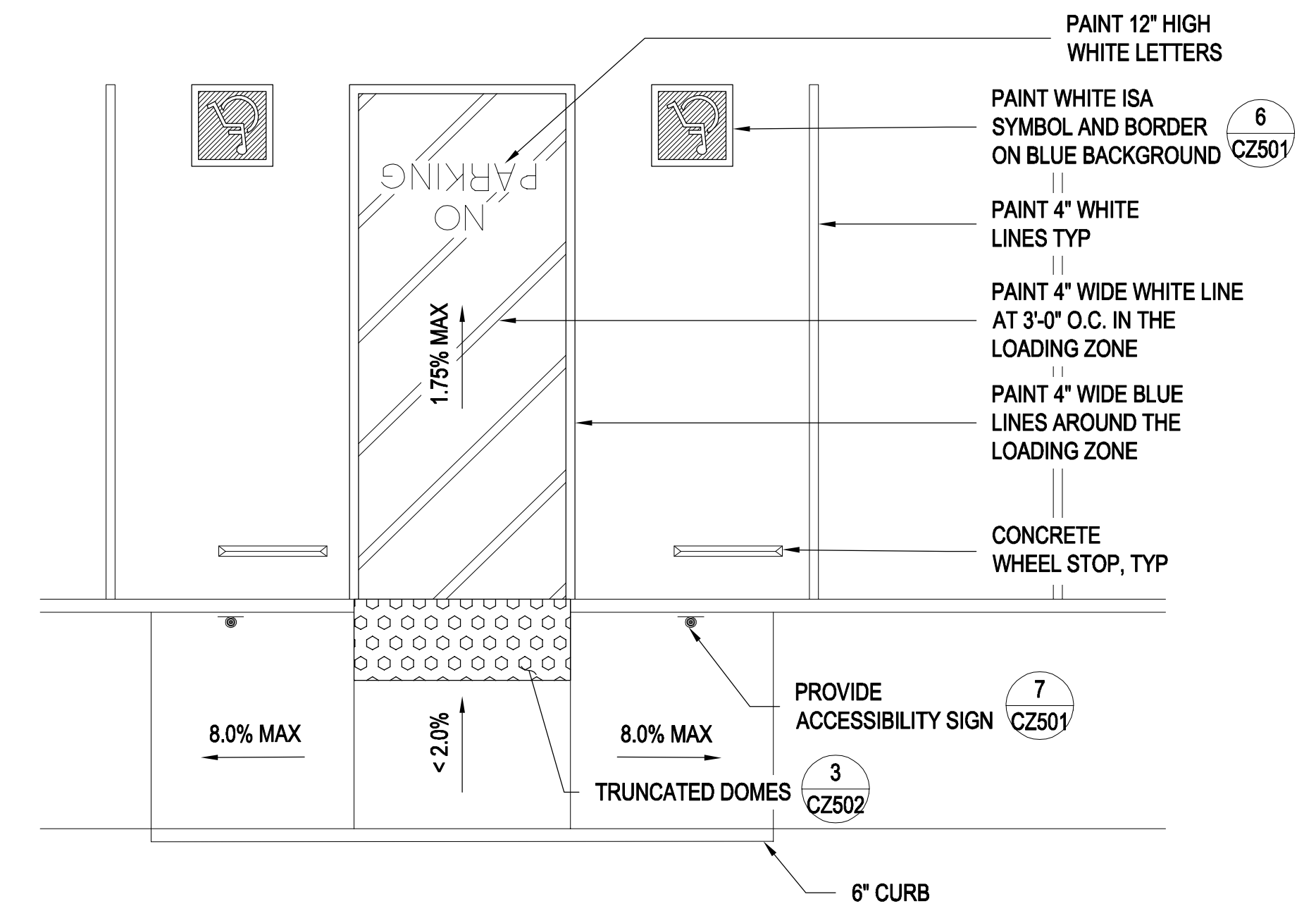
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	JDK	DATE	DATE	CD201-A
DRAWN BY	PX			46 OF 162 SHTS
CHECKED BY	SKS	CITY ENGINEER		WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA		PROJECT NO.



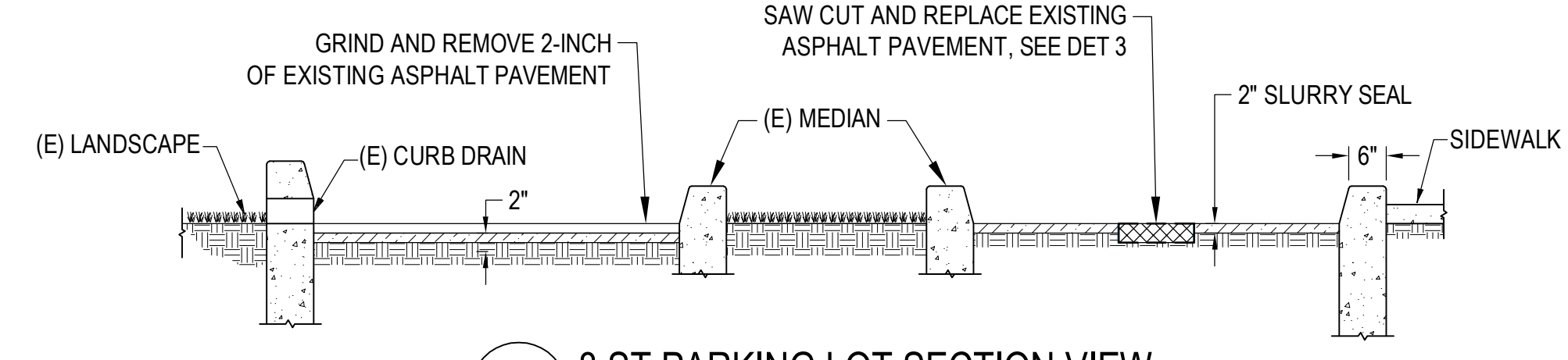


- GRADING ABBREVIATIONS:**
(SUPERCEDES TITLE SHEET)
- BW BACK OF WALK
 - EC EDGE OF CONCRETE
 - EG EXISTING GRADE/GROUND
 - EP EDGE OF PAVEMENT
 - FF FINISHED FLOOR
 - FG FINISHED GRADE
 - FL FLOW LINE
 - GB GRADE BREAK
 - GR GRATE
 - HP HIGH POINT
 - INV INVERT
 - LC LIP OF CONCRETE
 - LP LOW POINT
 - PV PAVEMENT
 - RM RIM/LID/COVER
 - TC TOP OF CURB/CONCRETE
 - TD TOP OF DRIVE
 - TS TOP OF SLAB
 - TW TOP OF WALK/WALL

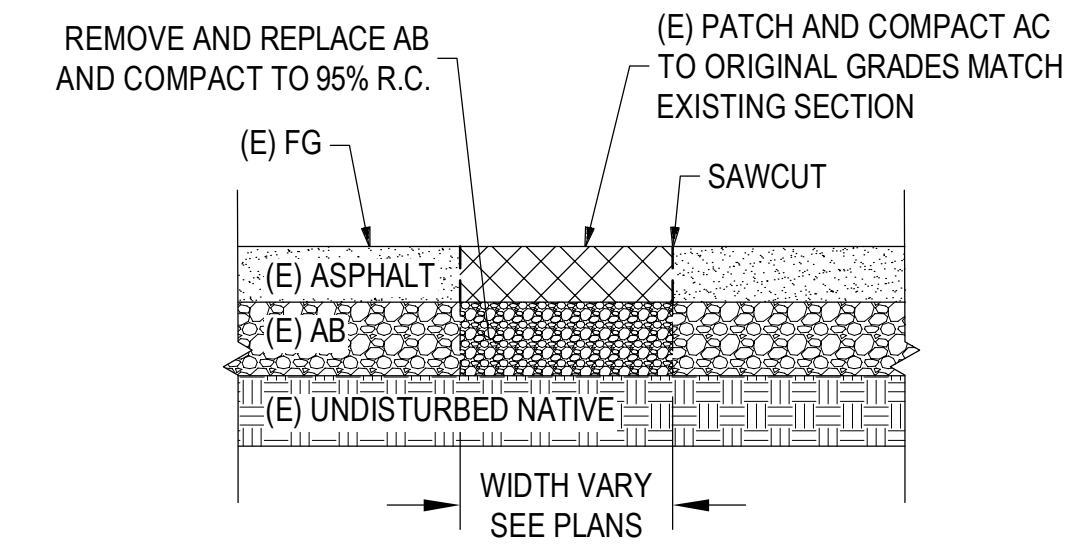
- GENERAL GRADING NOTES:**
- 1 ALL ELEVATIONS IN PAVED AREAS REFERENCE FINISHED PAVING ELEVATION, OR AS OTHERWISE NOTED.
 - 2 ALL NEW WALKS SHALL HAVE CROSS-SLOPES LESS THAN 2.0%.
 - 3 ALL NEW WALKS SHALL HAVE LONGITUDINAL SLOPES LESS THAN 5.0%.
 - 4 WHERE A NEW WALK MEETS AN EXISTING WALK WITH A CROSS-SLOPE STEEPER THAN 2.0%, CONTRACTOR SHALL REMOVE UP TO A MAXIMUM OF 10 ADDITIONAL FEET OF EXISTING WALK AND REPLACE WITH A SMOOTH LINEAR TRANSITION WALK. AT THE DISCRETION OF THE LOCAL AGENCY, A FEATHER-FILL ASPHALT TRANSITION MAY BE USED IN LIEU OF CONSTRUCTING THE TRANSITION WALK.
 - 5 DESIGNATED ACCESSIBLE PARKING AREAS SHALL HAVE SLOPES LESS THAN 2.00% IN ANY DIRECTION.
 - 6 UNLESS OTHERWISE DIRECTED BY THE ARCHITECT, EXTERIOR GRADES AT ENTRANCE DOORS SHALL BE LESS THAN 1/4-INCH FROM BUILDING FINISH FLOOR ELEVATION AND HAVE LANDINGS WITH SLOPES LESS THAN 2.0% IN ANY DIRECTION.
 - 7 CONTRACTOR SHALL REGRADE AND BLEND ALL SURROUNDING AREAS FOR SMOOTH TRANSITIONS WITH NEW IMPROVEMENTS.
 - 8 ALL VERTICAL CURBS AND WALKS ARE 6-INCHES IN HEIGHT EXCEPT WHERE SHOWN OTHERWISE.
 - 9 SUBGRADE COMPACTIONS SHALL MEET THE REQUIREMENTS IN THE GEOTECHNICAL REPORT.



1 ADA PARKING DETAIL
N.T.S.

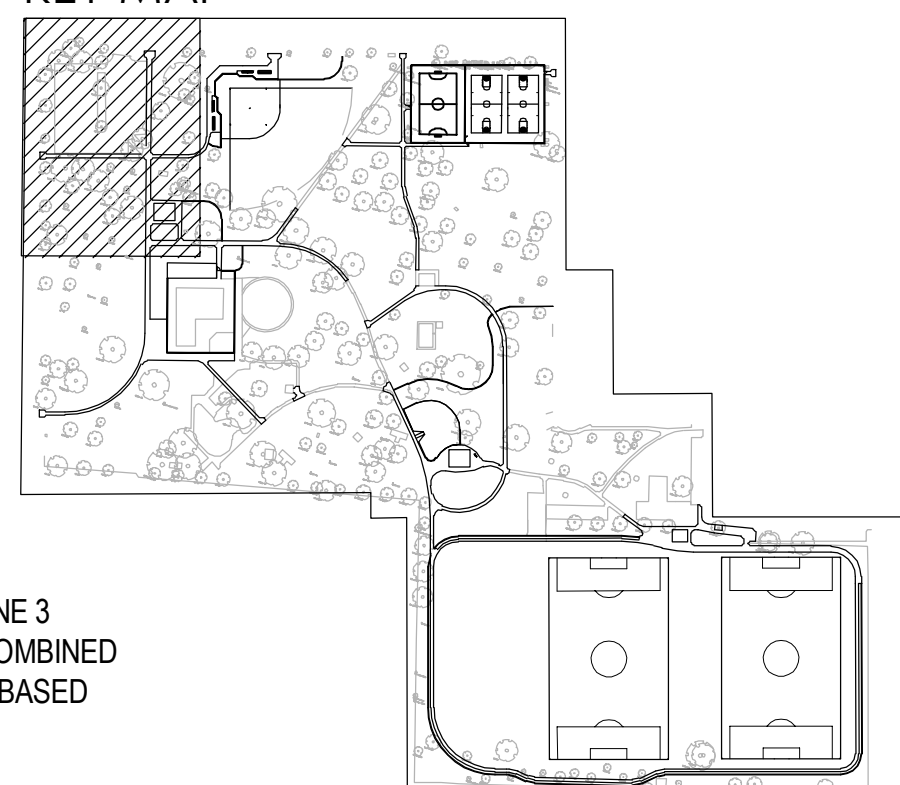


2 8 ST PARKING LOT SECTION VIEW
N.T.S.

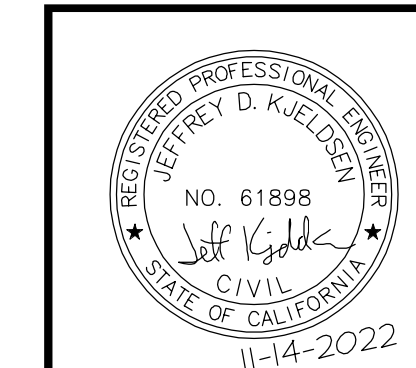


3 SPOT REPAIR R&R TYPICAL SECTION
N.T.S.

KEY MAP



COORDINATES, BEARINGS, AND DISTANCES ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, CGS83, ZONE 3 (1991.35 EPOCH), AS REFERENCED BY AVAILABLE CITY OF STOCKTON PUBLISHED CONTROL MONUMENTS. ALL DISTANCES ARE GRID. GROUND DISTANCES MUST BE MULTIPLIED BY A COMBINED SCALE FACTOR (CSF) OF 0.999938366 TO OBTAIN GRID DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT. A CONVERGENCE ANGLE OF -0°28'45.5" AND THE CSF WERE DETERMINED AT CONTROL POINT 31.



Revision No.	Description	Date	By	Aprvd. By

KJELDOSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0288
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

CONTACT 811 BEFORE YOU DIG
811
SAFE DIGGING ALERT

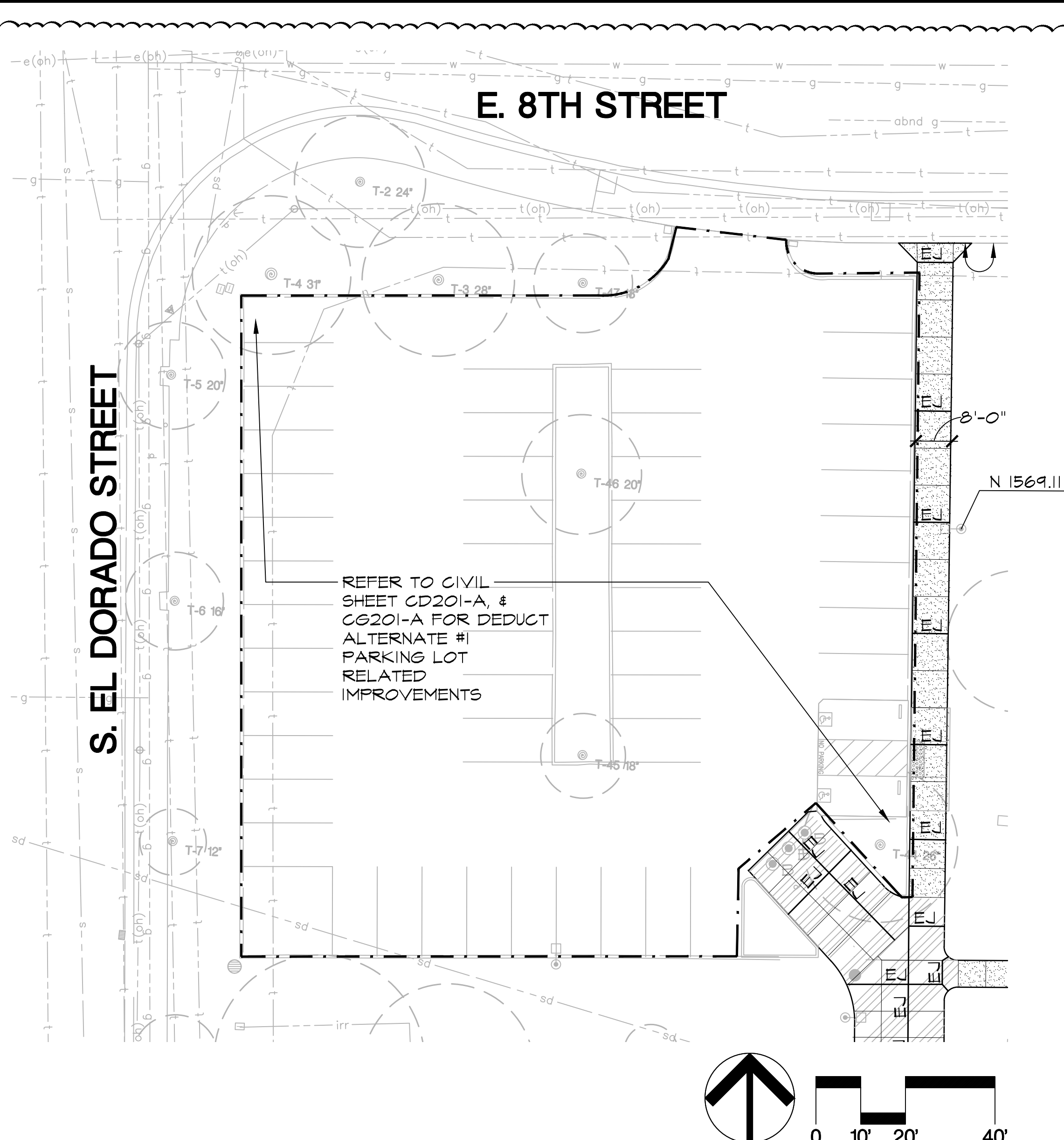
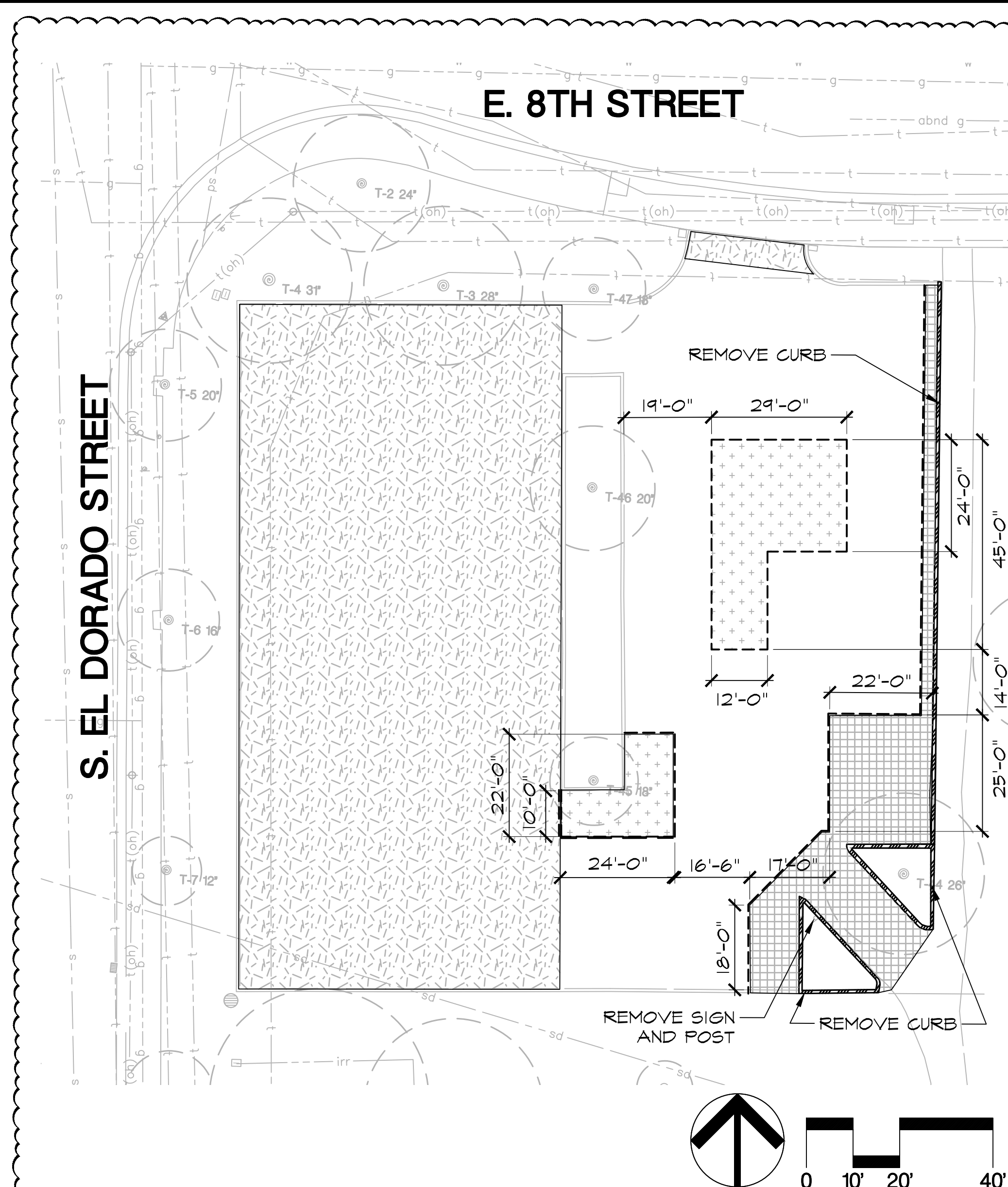
CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

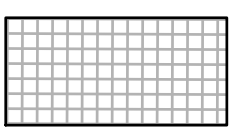
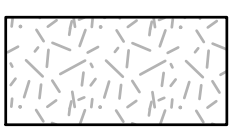
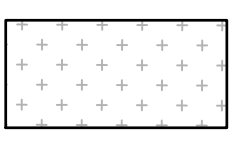

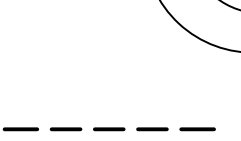

MCKINLEY PARK AND POOL RENOVATION
GRADING PLAN 1 - DEDUCT ALT-1

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA




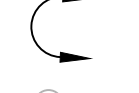


SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY JDK	DATE	CG201-A
DRAWN BY FX		47 OF 162 SHS
CHECKED BY SKS	CITY ENGINEER	WR21017
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.



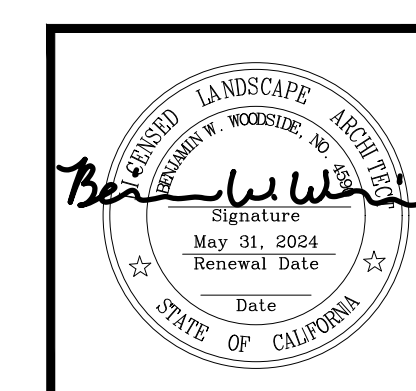
**DEDUCT ALTERNATE #1
DEMOLITION LEGEND**

-  REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING. ASSUME 2-INCH DEPTH ASPHALT CONCRETE OVER 5-INCH AGGREGATE BASE
-  2" ASPHALT GRIND & TRANSITIONS GRIND AT DRIVEWAY
-  REMOVE AND REPAIR PAVEMENT STRUCTURAL SECTIONS. ASSUME REMOVAL OF 2-INCH DEPTH ASPHALT CONCRETE OVER 5-INCH AGGREGATE BASE. REPLACE IN-KIND
-  EXISTING TREE TO REMAIN- SEE TREE DISPOSITION PLAN SHEETS TDI.0-1.5 AND SPECIFICATIONS FOR TREE PROTECTION REQUIREMENTS.
DENOTES DIAMETER AT BREAST HEIGHT
DENOTES TREE NUMBER PER ARBORIST REPORT
-  SAWCUT PER CIVIL PLANS.
-  LIMIT OF WORK

**DEDUCT ALTERNATE #1
SITE CONSTRUCTION LEGEND**

-  PEDESTRIAN CONCRETE PAVING
-  EXPANSION JOINT, TYP.
-  SCORE JOINT, TYP.
-  ALIGN WITH EXISTING EDGES
-  REMOVABLE BOLLARD, PER CITY STANDARD DRAWING M-T. PROVIDE STOCKTON FIRE DEPARTMENT APPROVED KNOX PADLOCK FOR EACH BOLLARD. INCLUDED IN BASE BID AND DEDUCT ALTERNATE
-  LIGHT POLE, PER ELECTRICAL PLANS. INCLUDED IN BASE BID AND DEDUCT ALTERNATE.

SEE SHEET DM1.0 FOR DEMOLITION NOTES
SEE SHEET SC1.0 FOR SITE CONSTRUCTION NOTES



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

CALLA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
8TH ST PARKING LOT DEDUCT ALTERNATE #1

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	SCA1.0
DRAWN BY	CM		48 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.



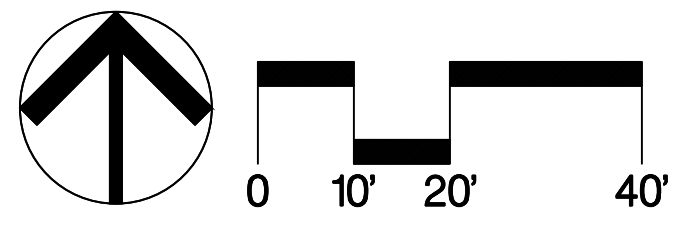
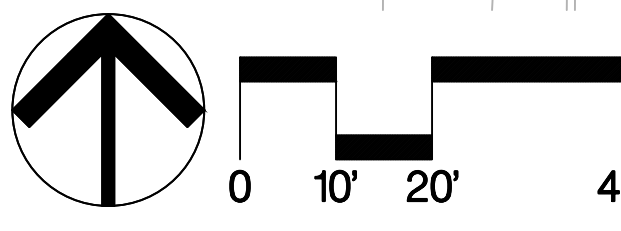
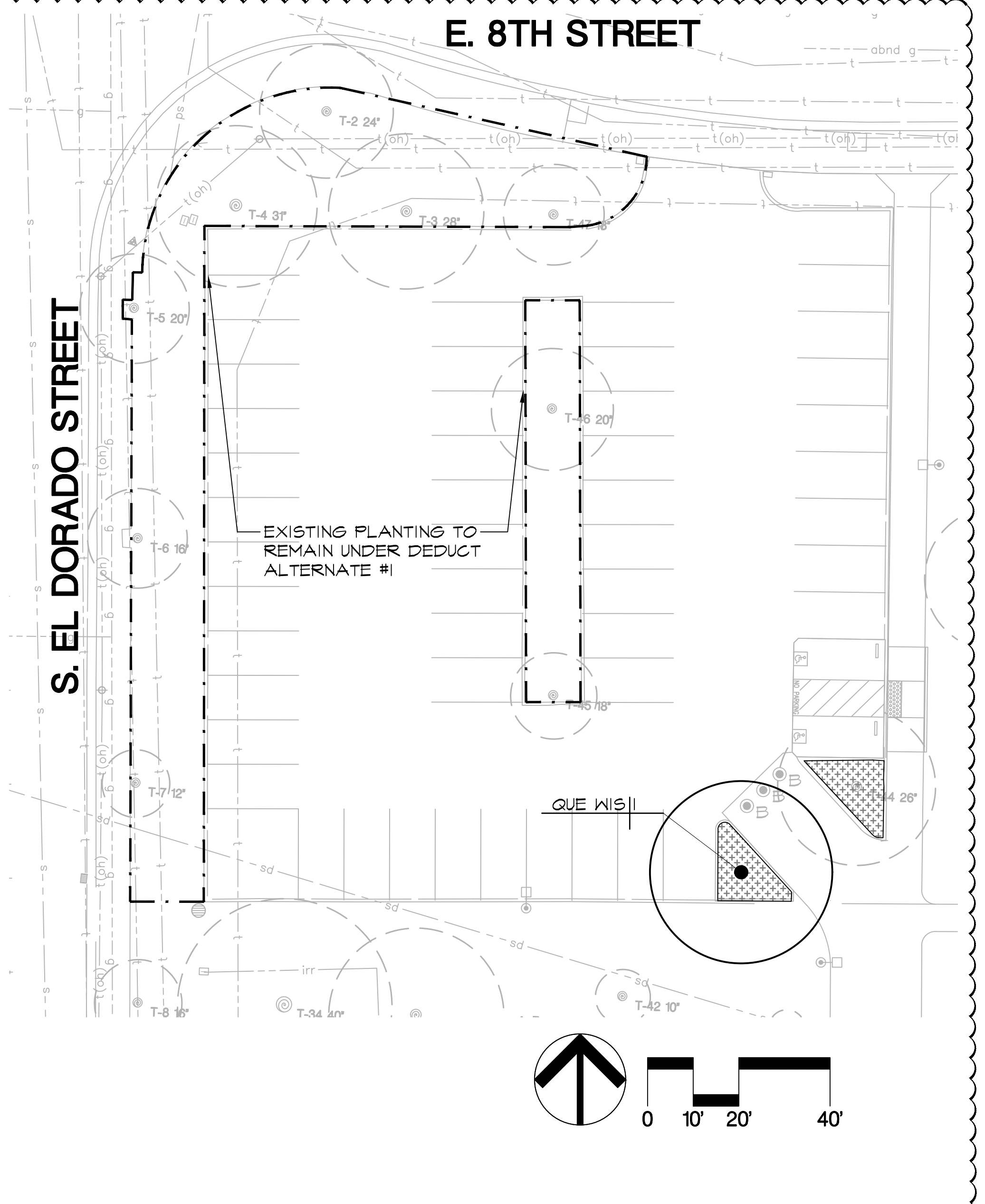
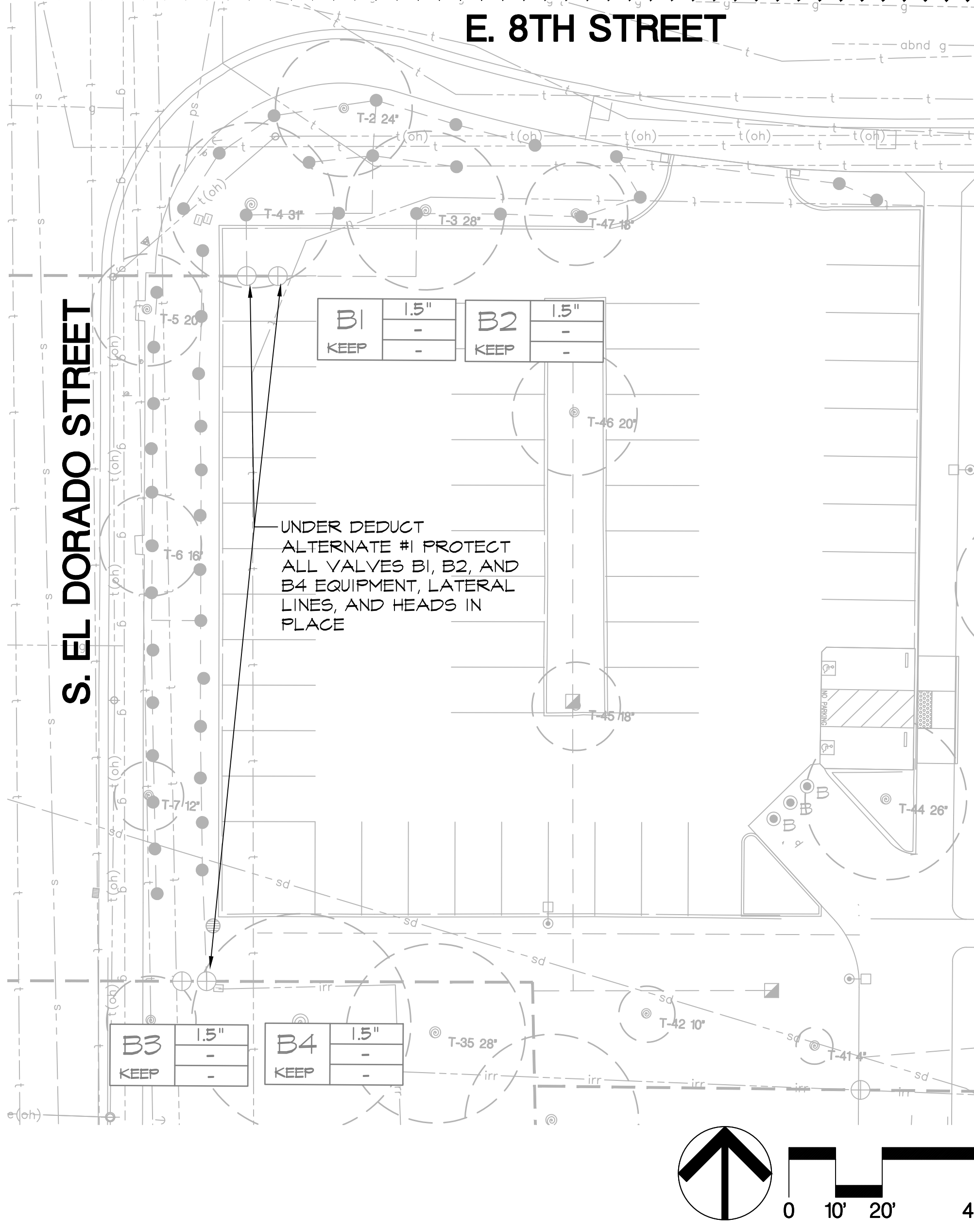
File Path: Y:\Projects\2023\21013_MckinleyParkRenovations\3_ConstructionDocuments\30101\DM1.0.dwg Plot Date: 11/15/22 Drawn By: Anderson Copyright © 2023 Callander Associates Landscape Architecture, Inc.

E. 8TH STREET

E. 8TH STREET

S. EL DORADO STREET

S. EL DORADO STREET



**DEDUCT ALTERNATE #1
IRRIGATION SCHEDULE**

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
⊕	EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
●	EXISTING HEAD TO REMAIN: PROTECT IN PLACE
---	EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
---	EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
EXISTING VALVE CALLOUT	
VALVE NUMBER	
VALVE SIZE	
VALVE DISPOSITION	
KEEP = VALVE TO REMAIN	

**DEDUCT ALTERNATE #1
PLANT SCHEDULE**

TREES	BOTANICAL / COMMON NAME	SIZE	MUGOLS
QUE WIS	QUERCUS WISLIZENII / INTERIOR LIVE OAK	15 GAL	LOW
	BARK MULCH ONLY		

NOTE: PROVIDE IMPORT TOPSOIL TO A DEPTH OF 24" (COMPACTED IN PLACE) IN ALL NEW, PREVIOUSLY PAVED, PLANTERS.



CALLA 12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callandassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

**MCKINLEY PARK RENOVATIONS PROJECT
8TH STREET PARKING LOT DEDUCT
ALTERNATE #1**

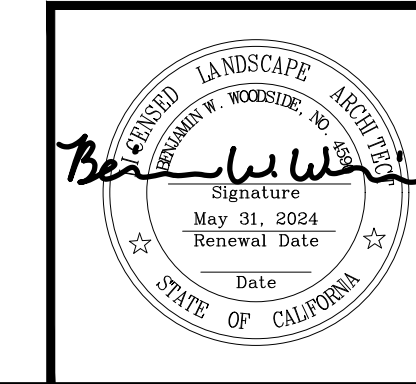
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

PERMIT REVIEW SET

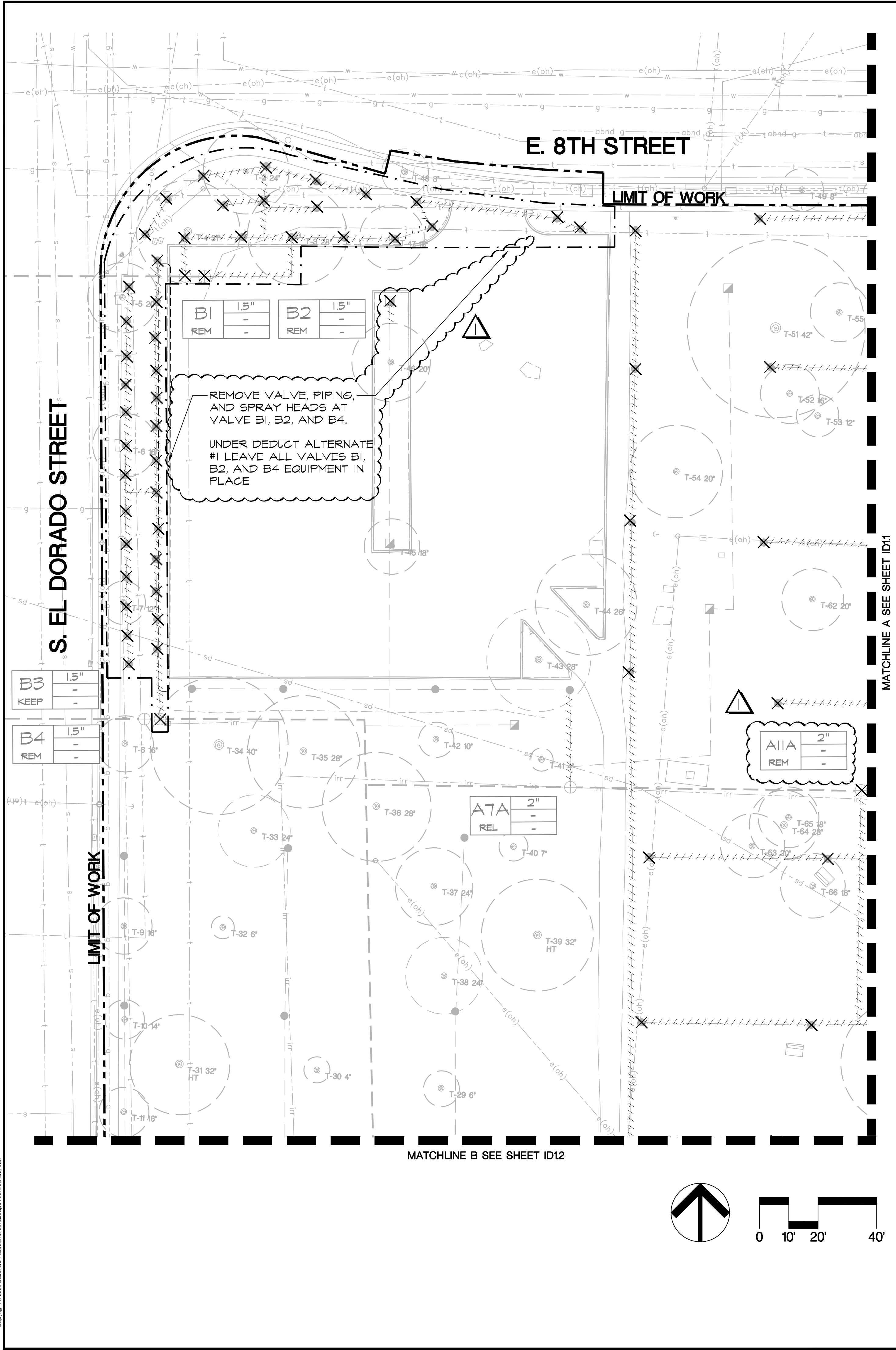
Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	SCA1.1
DRAWN BY	CM		49 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

**SEE SHEET IR1.0 FOR IRRIGATION NOTES
SEE SHEET PL1.1 FOR PLANTING NOTES**



File Path: \\Project\2023\21013_McKinleyParkRenovations\21013\21013.dwg Plot Date: 11/14/22 Drawn By: Anderson
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.

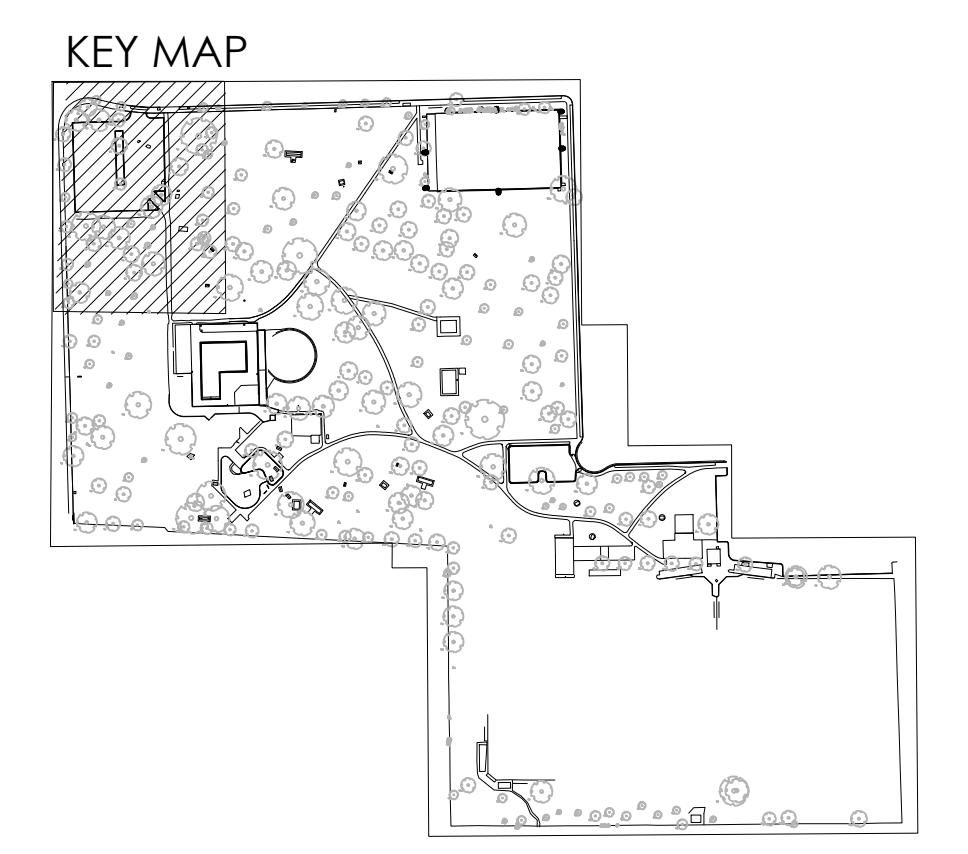
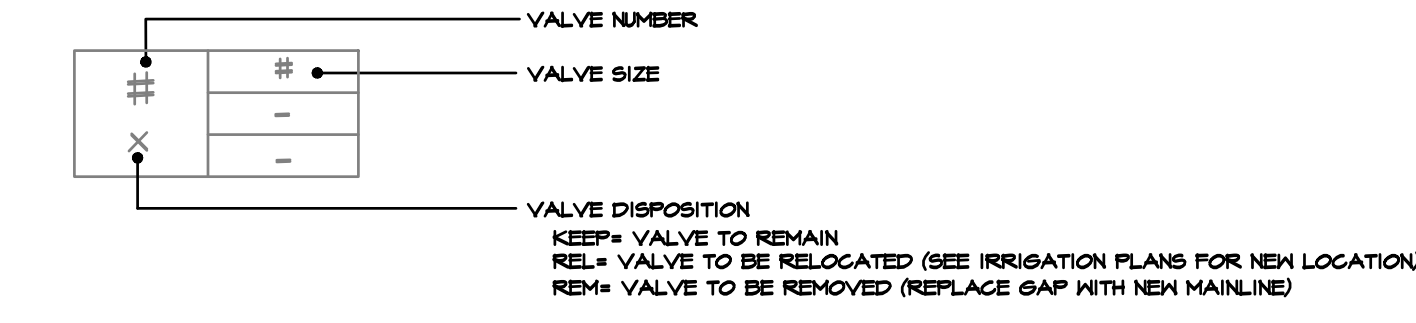


IRRIGATION DEMOLITION NOTES

- SPECIFICATIONS:** SEE IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- UTILITIES:** CONTRACTOR SHALL VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- MAINTAINING EXISTING IRRIGATION:** SHOULD THE EXISTING MAINLINE BREAK OR BE SHUT OFF FOR ANY REASON DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL HAND WATER ALL TREES, SHRUBS, TURF, AND GROUND COVER THAT THE EXISTING IRRIGATION SYSTEM WATERS. THE CONTRACTOR SHALL CONTINUE TO DO SO UNTIL THE IRRIGATION SYSTEM IS OPERABLE.
- IRRIGATION WIRE AND VALVE LOCATION VERIFICATION:** EXISTING EQUIPMENT IS SHOWN SCREENED BACK ON PLANS. THE INFORMATION SHOWN IS TAKEN FROM RECORD DRAWINGS AND MAY NOT REFLECT WHAT IS FOUND IN THE FIELD. BEFORE INITIATING DEMOLITION WORK, CONTRACTOR SHALL USE APPROPRIATE IRRIGATION TRACING EQUIPMENT TO LOCATE THE ROUTING OF ALL IRRIGATION WIRES AND VALVE LOCATIONS. THESE LOCATIONS SHALL BE ACCURATELY SHOWN ON A SCALED DRAWING PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND CITY VERIFICATION. VALVE LOCATIONS, WIRE ROUTING AND ANY WIRE BREAK LOCATIONS SHALL BE INDICATED BY STATION NUMBER. THE DESIGN AND ROUTING SHOWN ON THESE PLANS MAY BE MODIFIED TO REFLECT DOCUMENTED EXISTING CONDITIONS WITH THE APPROVAL OF THE CITY. NO TRENCHING SHALL COMMENCE UNTIL THE SYSTEM IS LOCATED AND VERIFIED.
- HEAD LOCATIONS:** EXISTING HEAD LOCATIONS ARE TAKEN FROM THE AS-BUILTS AND ARE SHOWN SCREENED BACK ON THE BASE. THESE LOCATIONS ARE NOT ACCURATE AND CONTRACTOR TO MAKE ADJUSTMENTS AS NECESSARY TO ACCOMMODATE THE ACTUAL AS-BUILT CONDITIONS IN THE FIELD. THE FUTURE PROJECT AREA SHALL HAVE HEAD TO HEAD COVERAGE AT THE COMPLETION OF THE JOB.
- TRENCH REPAIR:** CONTRACTOR TO REPLACE ALL TURF, ASPHALT, PAVEMENT OR OTHER SURFACES DAMAGED AS A RESULT OF TRENCHING. CONTRACTOR TO BE EXTREMELY CAUTIOUS TO AVOID TRENCHING THROUGH EXISTING CONTROL WIRES, LATERAL LINES AND MAINLINE. STAKE IN FIELD THE LOCATIONS PER NOTE 1 BEFORE TRENCHING. ALL DAMAGED LATERAL LINES, MAINLINES, CONTROL WIRES OR OTHER EXISTING IMPROVEMENTS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY AT NO ADDITIONAL COST.
- BORING:** CONTRACTOR TO BORE UNDER PAVEMENT AS NECESSARY.
- IRRIGATION INTERRUPTION:** SHOULD THE EXISTING MAINLINE BREAK OR BE SHUT OFF FOR ANY REASON DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL HAND WATER ALL TREES, SHRUBS, TURF, AND GROUND COVER THAT THE EXISTING IRRIGATION SYSTEM WATERS. THE CONTRACTOR SHALL CONTINUE TO DO SO UNTIL THE IRRIGATION SYSTEM IS OPERABLE. ANY ITEMS (INCLUDING TREES, SHRUBS, TURF, AND IRRIGATION COMPONENTS) THAT DIE OR BECOME DAMAGE DUE TO CONSTRUCTION ACTIVITIES AND/OR LACK OF WATER WILL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CITY.
- EXISTING IRRIGATION CONTROL WIRES:** IRRIGATION CONTROL WIRES FOR REMOVED VALVES ARE INTENDED FOR RE-USE FOR CONNECTION OF CONTROLLERS TO NEW VALVES IN VICINITY OF REMOVED VALVES. CONTRACTOR SHALL PRESERVE WIRES IN PLACE. WIRES THAT ARE DAMAGED OR REMOVED AS PART OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND REPLACED IN KIND WITH PROPER SPLICES BY THE CONTRACTOR.
- EXISTING TREES:** CONTRACTOR SHALL TAKE EXTREME CARE WHEN TRENCHING UNDER EXISTING TREES. NO ROOTS OVER 2" SHALL BE CUT AND TRENCHING SHALL BE DONE BY HAND UNDER DRIPLINE OF EXISTING TREE.
- EXISTING IRRIGATION EQUIPMENT:** ALL REMOVED IRRIGATION HEADS, VALVES, AND QUICK COUPLERS DEEMED BY THE ENGINEER TO BE OPERATIONAL AND NOT DESIGNATED FOR RE-USE OR RELOCATION ON THESE PLANS SHALL BE TURNED OVER TO THE CITY.

IRRIGATION DEMOLITION LEGEND

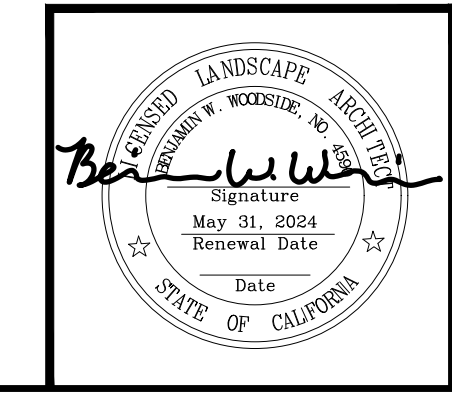
- EXISTING TURF HEAD: PROTECT IN PLACE
- ⊕ EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
- ⊗ EXISTING QUICK COUPLER: PROTECT IN PLACE
- ⊗ EXISTING GATE VALVE: PROTECT IN PLACE
- EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
- EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
- ⊕ EXISTING IRRIGATION CONTROLLER: 32 STATION CALSENSE 3000. SEE IRRIGATION PLANS FOR MODIFICATIONS
- ⊗ EXISTING IRRIGATION HEAD TO BE REMOVED AND TURNED OVER TO THE CITY
- ⊗ EXISTING VALVE TO BE REMOVED
- ⊗ EXISTING QUICK COUPLER TO BE REMOVED
- EXISTING LATERAL TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
- EXISTING MAINLINE TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
- EXISTING VALVE CALLOUT



CALA 12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
IRRIGATION DEMOLITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. ID1.0
DESIGNED BY DCM	DRAWN BY CM	CHECKED BY BW	RECORD DWGS.	50 OF 162 SHTS
CITY ENGINEER			WR21017	PROJECT NO.
STOCKTON, CALIFORNIA				



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

File Path: \\projects\2021\21013_MckinleyParkRenovations\21013_ID10.dwg, Plot Date: 11/15/22, Saved By: CWA
 Copyright © 2022 Callander Associates Landscape Architecture, Inc.

E. 8TH STREET

LIMIT OF WORK

LIMIT OF WORK

S. SAN JOAQUIN STREET

MATCHLINE A SEE SHEET ID10

MATCHLINE C SEE SHEET ID12

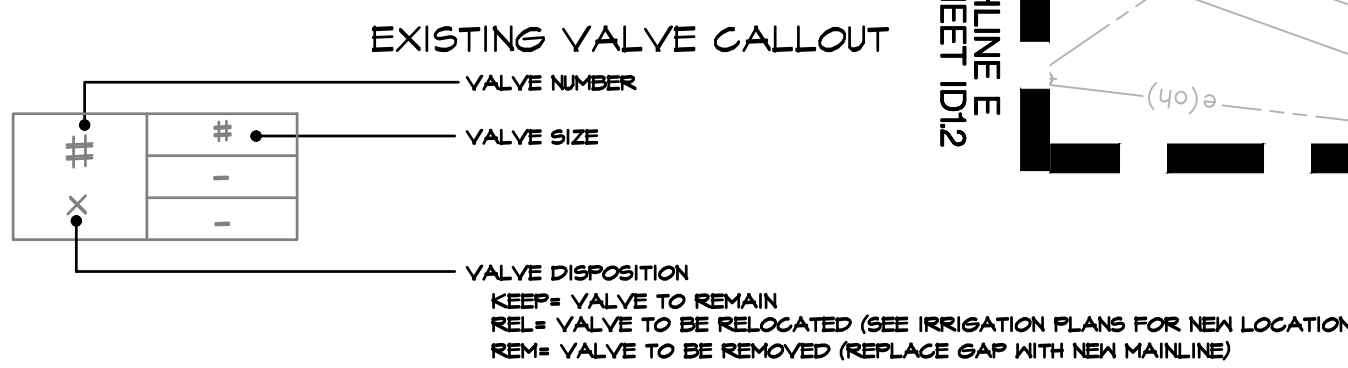
MATCHLINE E SEE SHEET ID12

MATCHLINE D SEE SHEET ID13

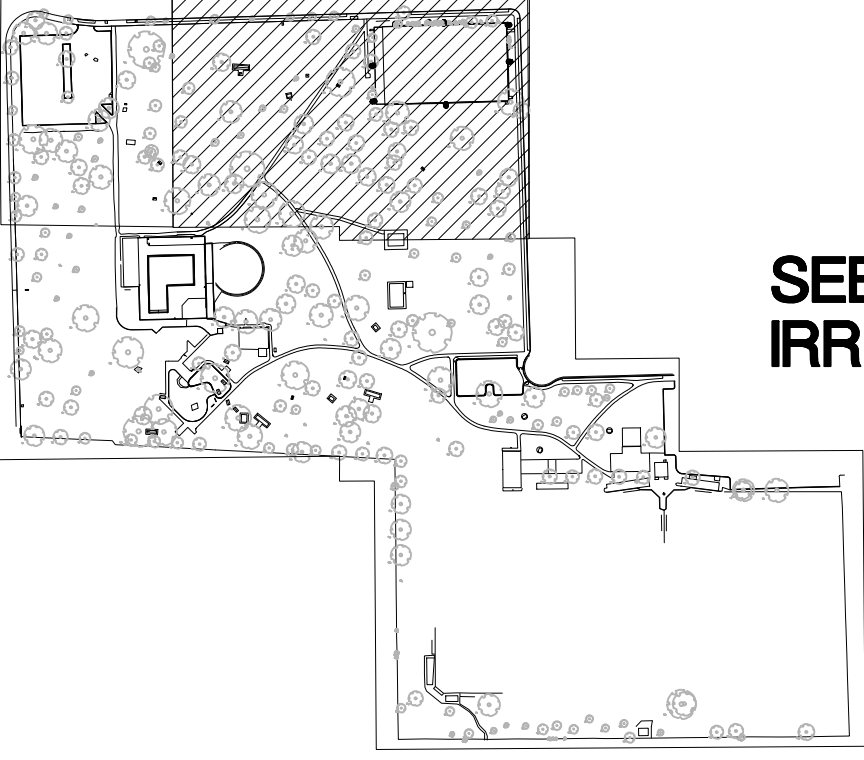
LIMIT OF WORK

IRRIGATION DEMOLITION LEGEND

- EXISTING TURF HEAD: PROTECT IN PLACE
- ⊕ EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
- ⊠ EXISTING QUICK COUPLER: PROTECT IN PLACE
- ⊗ EXISTING GATE VALVE: PROTECT IN PLACE
- EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
- - - EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
- Ⓢ EXISTING IRRIGATION CONTROLLER: 32 STATION CALSENSE 3000. SEE IRRIGATION PLANS FOR MODIFICATIONS
- ⊗ EXISTING IRRIGATION HEAD TO BE REMOVED AND TURNED OVER TO THE CITY
- ⊗ EXISTING VALVE TO BE REMOVED
- ⊗ EXISTING QUICK COUPLER TO BE REMOVED



KEY MAP



SEE SHEET ID1.0 FOR IRRIGATION DEMOLITION NOTES

PERMIT REVIEW SET




 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
IRRIGATION DEMOLITION

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	ID1.1
DRAWN BY	CM		51 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

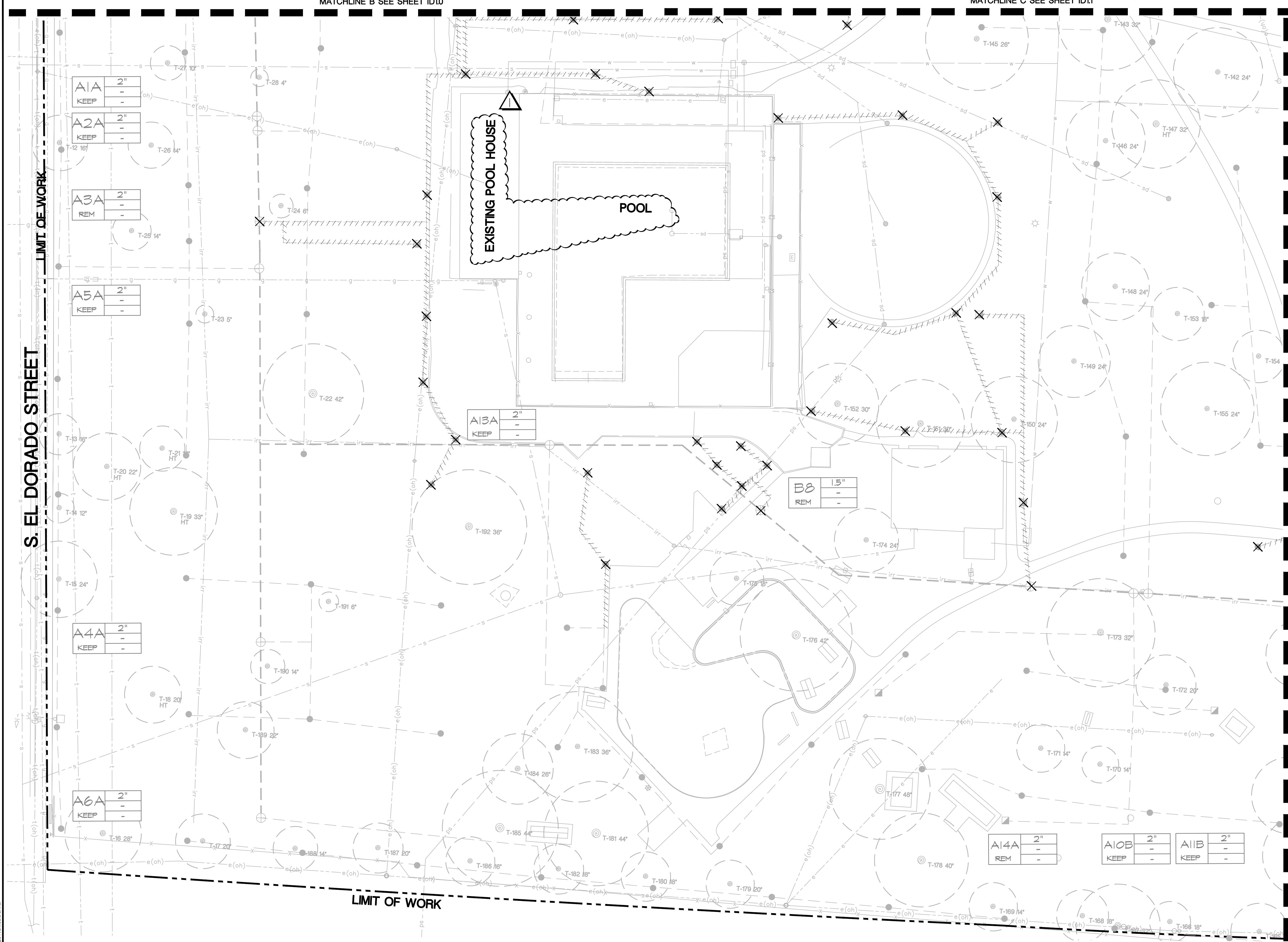
File Path: \\projects\2023\21013_MckinleyParkRenovations\3_CalendarAssociates\Documents\21013_ID1.0_IRR.DWG Proj Date: 11/14/22 Saved By: Crea
 Copyright © 2023 Calendar Associates, Inc.

MATCHLINE B SEE SHEET ID10

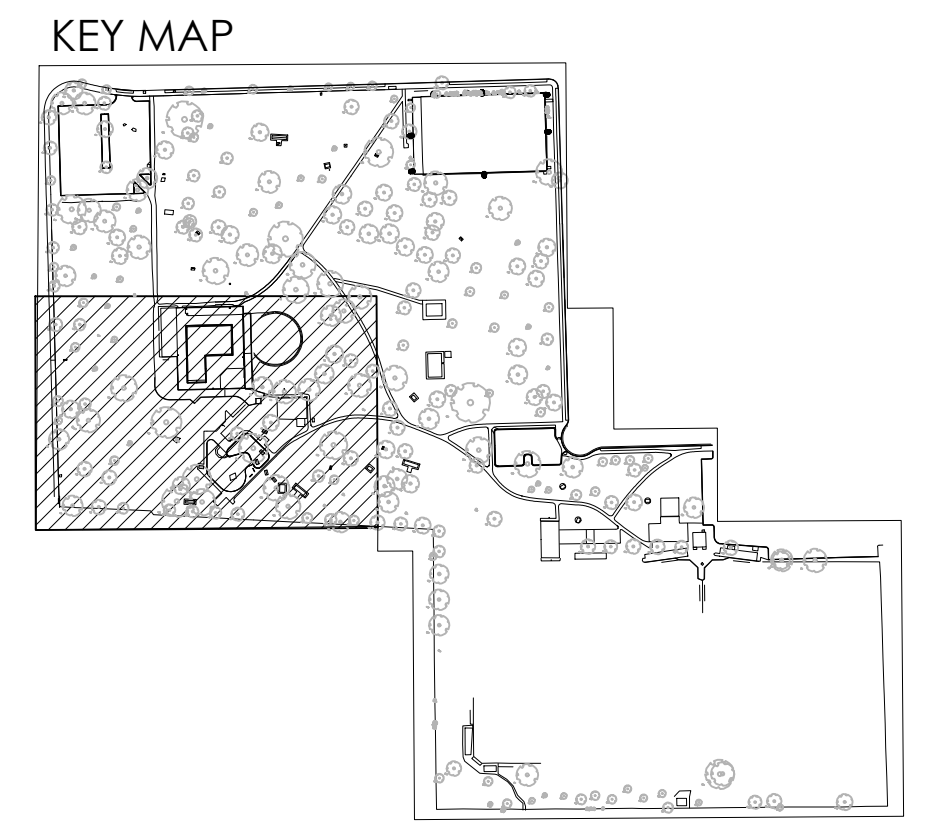
MATCHLINE C SEE SHEET ID11

IRRIGATION DEMOLITION LEGEND

- EXISTING TURF HEAD: PROTECT IN PLACE
- ⊕ EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
- EXISTING QUICK COUPLER: PROTECT IN PLACE
- ✕ EXISTING GATE VALVE: PROTECT IN PLACE
- EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
- - - EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
- EXISTING IRRIGATION CONTROLLER: 32 STATION CALSENSE 3000. SEE IRRIGATION PLANS FOR MODIFICATIONS
- ✕ EXISTING IRRIGATION HEAD TO BE REMOVED AND TURNED OVER TO THE CITY
- ✕ EXISTING VALVE TO BE REMOVED
- △ ✕ EXISTING QUICK COUPLER TO BE REMOVED
- +++++ EXISTING LATERAL TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
- EXISTING MAINLINE TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES



MATCHLINE E SEE SHEET ID13



CALA 12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.calandersassociates.com

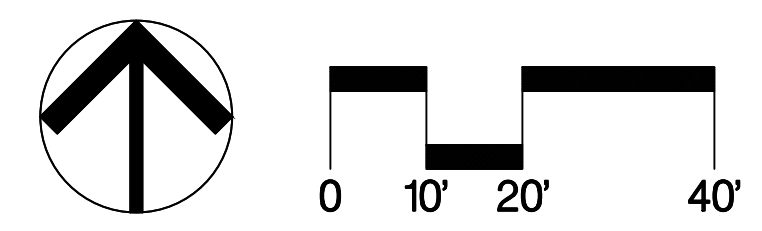
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

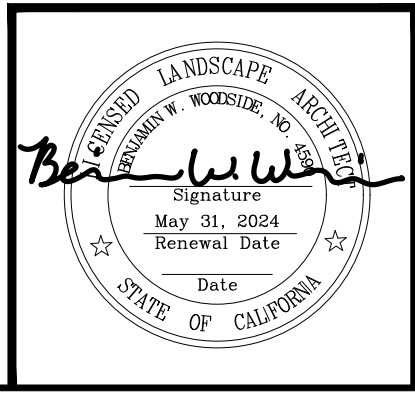
IRRIGATION DEMOLITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. ID 1.2
SCALE AS SHOWN	DESIGNED BY DCM	DRAWN BY CM	52 OF 162 SHTS
CHECKED BY BW	CITY ENGINEER	WR21017	PROJECT NO.
RECORD DWGS.	STOCKTON, CALIFORNIA		

SEE SHEET ID1.0 FOR IRRIGATION DEMOLITION NOTES



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

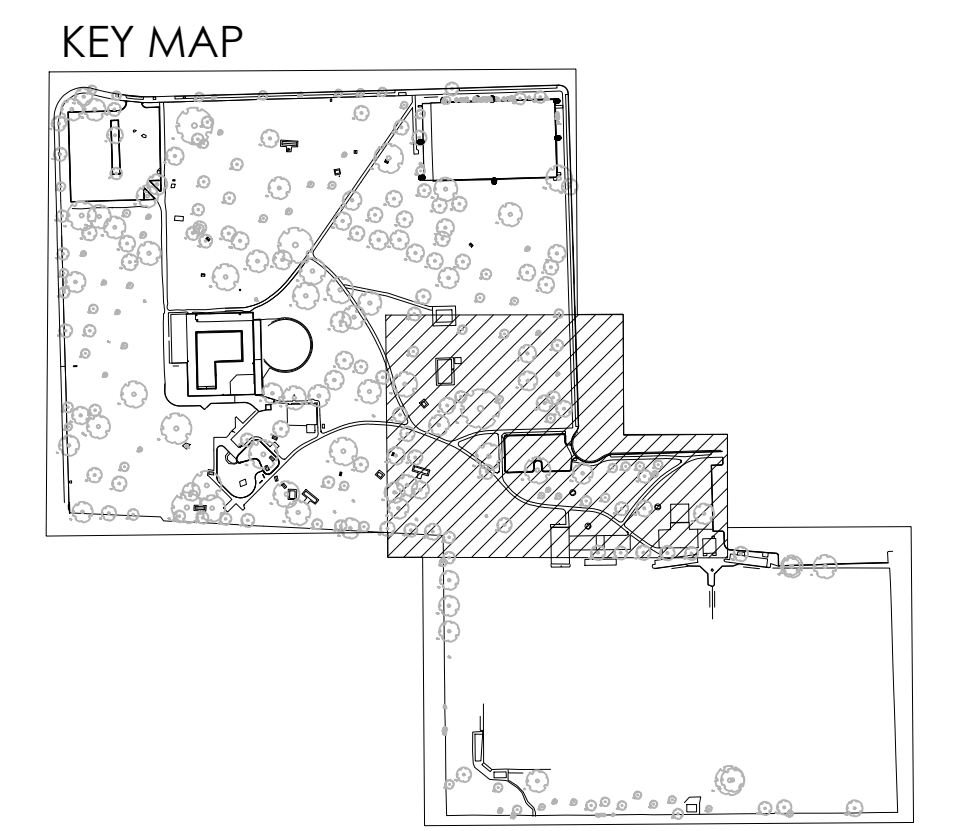
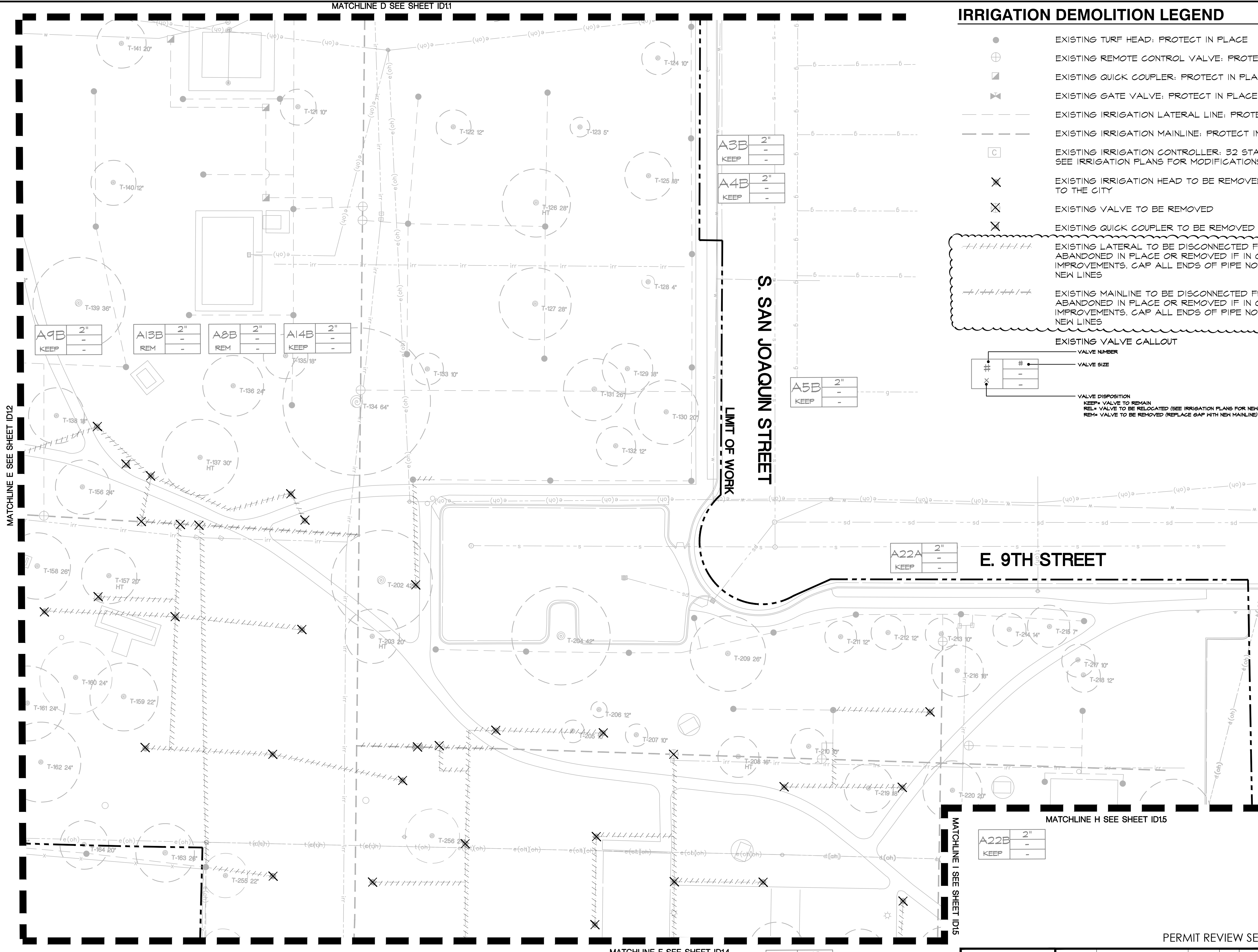
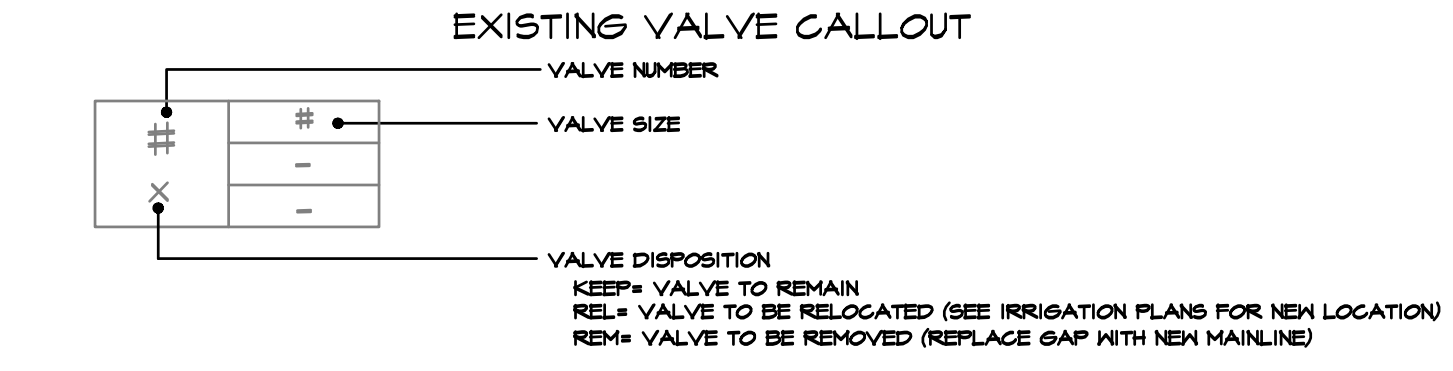


File Path: I:\Projects\21013_MCKINLEY PARK RENOVATIONS\21013_ID1.0_IRR.DWG PLOT DATE: 11/14/22 SOURCE: P:\CADD
 Copyright © 2020 Calandera Associates, Inc.

MATCHLINE D SEE SHEET ID11

IRRIGATION DEMOLITION LEGEND

- EXISTING TURF HEAD: PROTECT IN PLACE
- ⊕ EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
- ◻ EXISTING QUICK COUPLER: PROTECT IN PLACE
- ⊗ EXISTING GATE VALVE: PROTECT IN PLACE
- EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
- EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
- ⊠ EXISTING IRRIGATION CONTROLLER: 32 STATION CALSENSE 3000. SEE IRRIGATION PLANS FOR MODIFICATIONS
- ⊗ EXISTING IRRIGATION HEAD TO BE REMOVED AND TURNED OVER TO THE CITY
- ⊗ EXISTING VALVE TO BE REMOVED
- ⊗ EXISTING QUICK COUPLER TO BE REMOVED
- ⊗ EXISTING VALVE CALLOUT
- EXISTING LATERAL TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
- EXISTING MAINLINE TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES



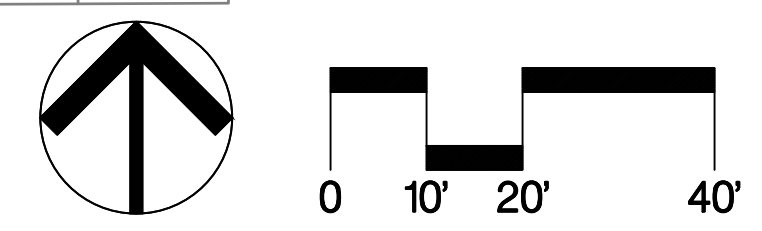
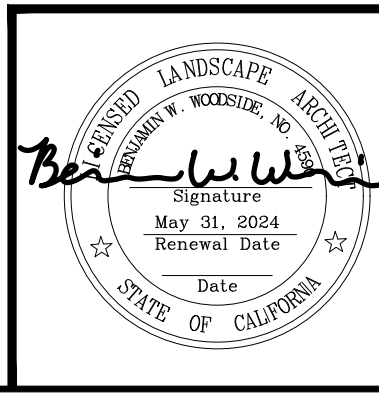
CALA 12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
916.985.4366
www.calandersassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
IRRIGATION DEMOLITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY DCM	CITY ENGINEER STOCKTON, CALIFORNIA
DRAWN BY CM	
CHECKED BY BW	WR21017 PROJECT NO.
RECORD DWGS.	53 OF 162 SHTS

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



SEE SHEET ID1.0 FOR IRRIGATION DEMOLITION NOTES

File Path: T:\Projects\21013_MCKINLEY PARK RENOVATIONS\21013_ID1.0.dwg Plot Date: 11/15/22 Saved By: CWA Copyright © 2022 Calander Associates, Inc.

MATCHLINE F SEE SHEET ID13

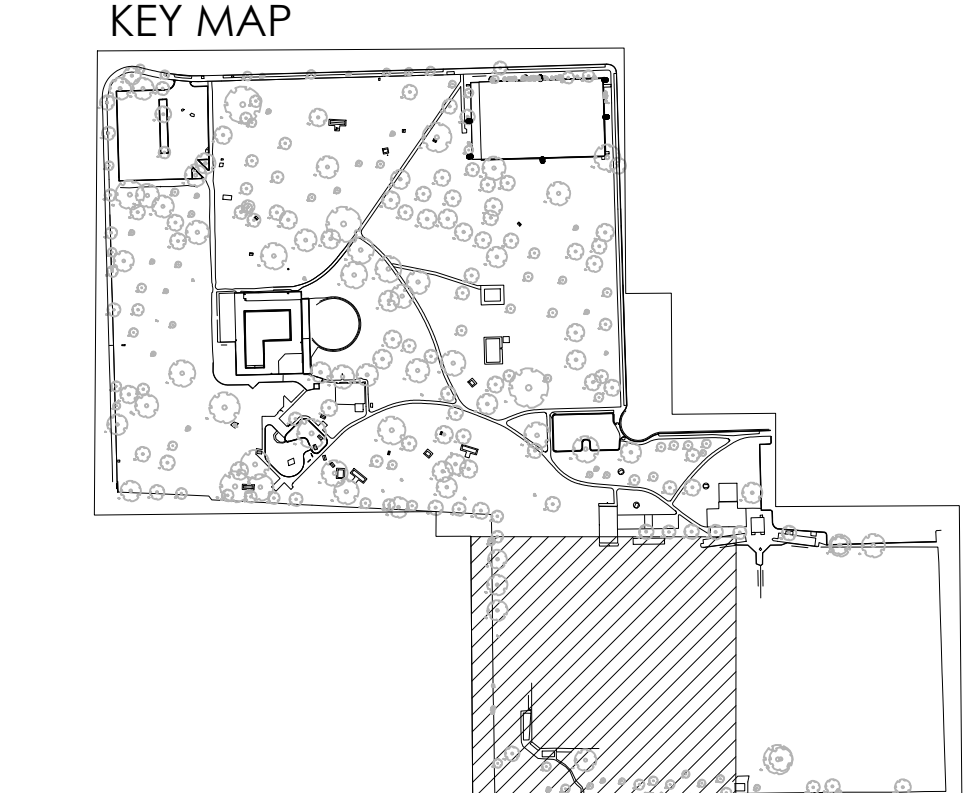
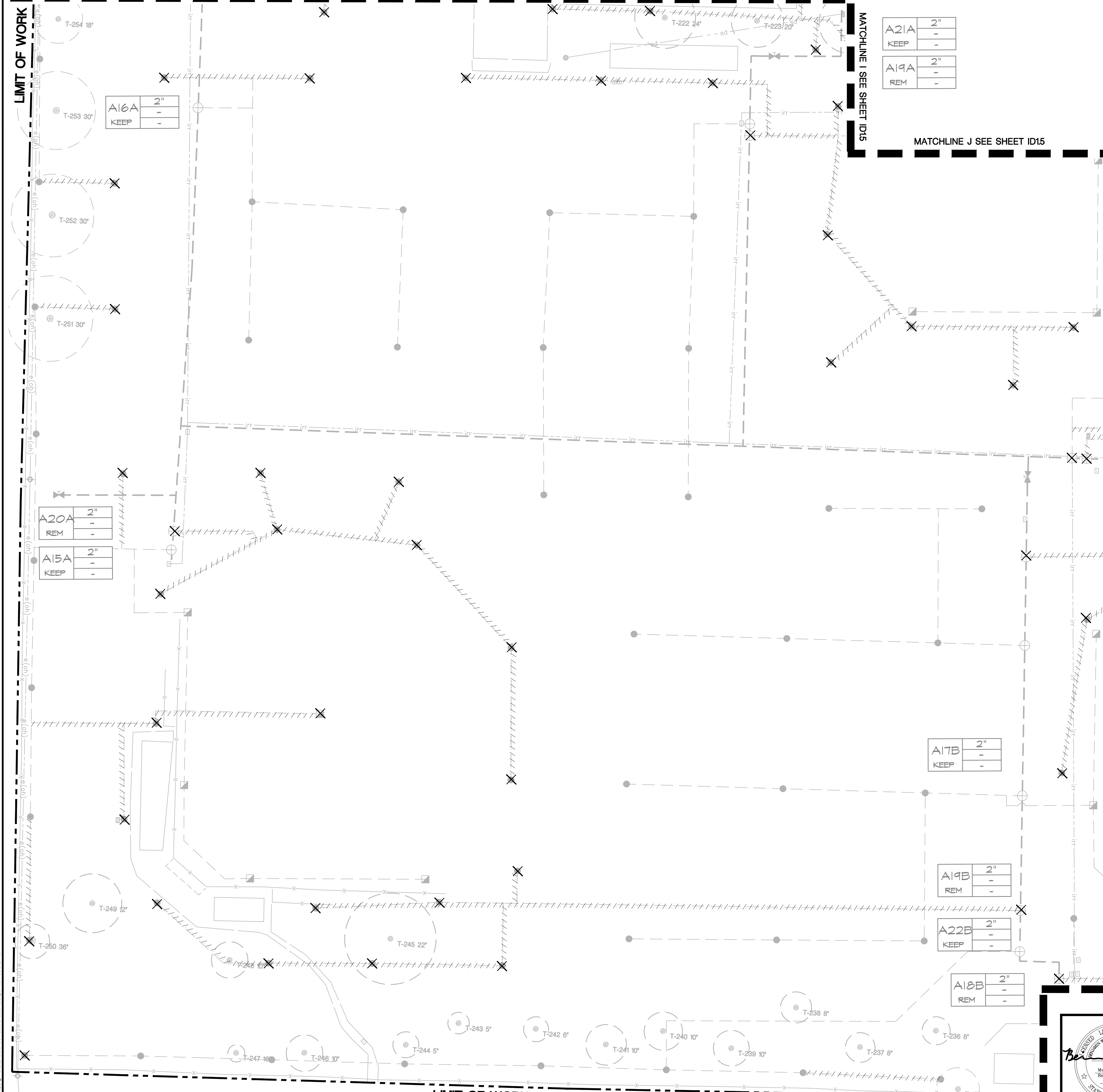
MATCHLINE I SEE SHEET ID15

MATCHLINE J SEE SHEET ID15

MATCHLINE M SEE SHEET ID15

IRRIGATION DEMOLITION LEGEND

- EXISTING TURF HEAD: PROTECT IN PLACE
 - ⊕ EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
 - ⊠ EXISTING QUICK COUPLER: PROTECT IN PLACE
 - ⊗ EXISTING GATE VALVE: PROTECT IN PLACE
 - EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
 - EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
 - ⓐ EXISTING IRRIGATION CONTROLLER: 32 STATION CALSENSE 3000. SEE IRRIGATION PLANS FOR MODIFICATIONS
 - ⊗ EXISTING IRRIGATION HEAD TO BE REMOVED AND TURNED OVER TO THE CITY
 - ⊗ EXISTING VALVE TO BE REMOVED
 - ⊗ EXISTING QUICK COUPLER TO BE REMOVED
 - EXISTING LATERAL TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
 - EXISTING MAINLINE TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
- EXISTING VALVE CALLOUT
- VALVE NUMBER
- VALVE SIZE
- VALVE DISPOSITION
 KEEP= VALVE TO REMAIN
 REL= VALVE TO BE RELOCATED (SEE IRRIGATION PLANS FOR NEW LOCATION)
 REM= VALVE TO BE REMOVED (REPLACE GAP WITH NEW MAINLINE)



SEE SHEET ID1.0 FOR IRRIGATION DEMOLITION NOTES

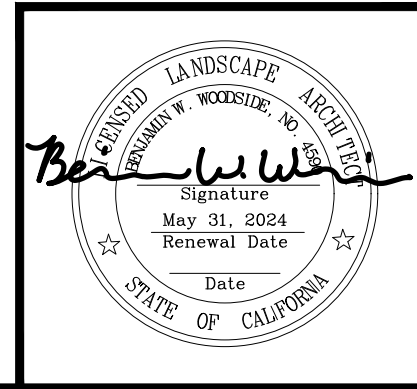


12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

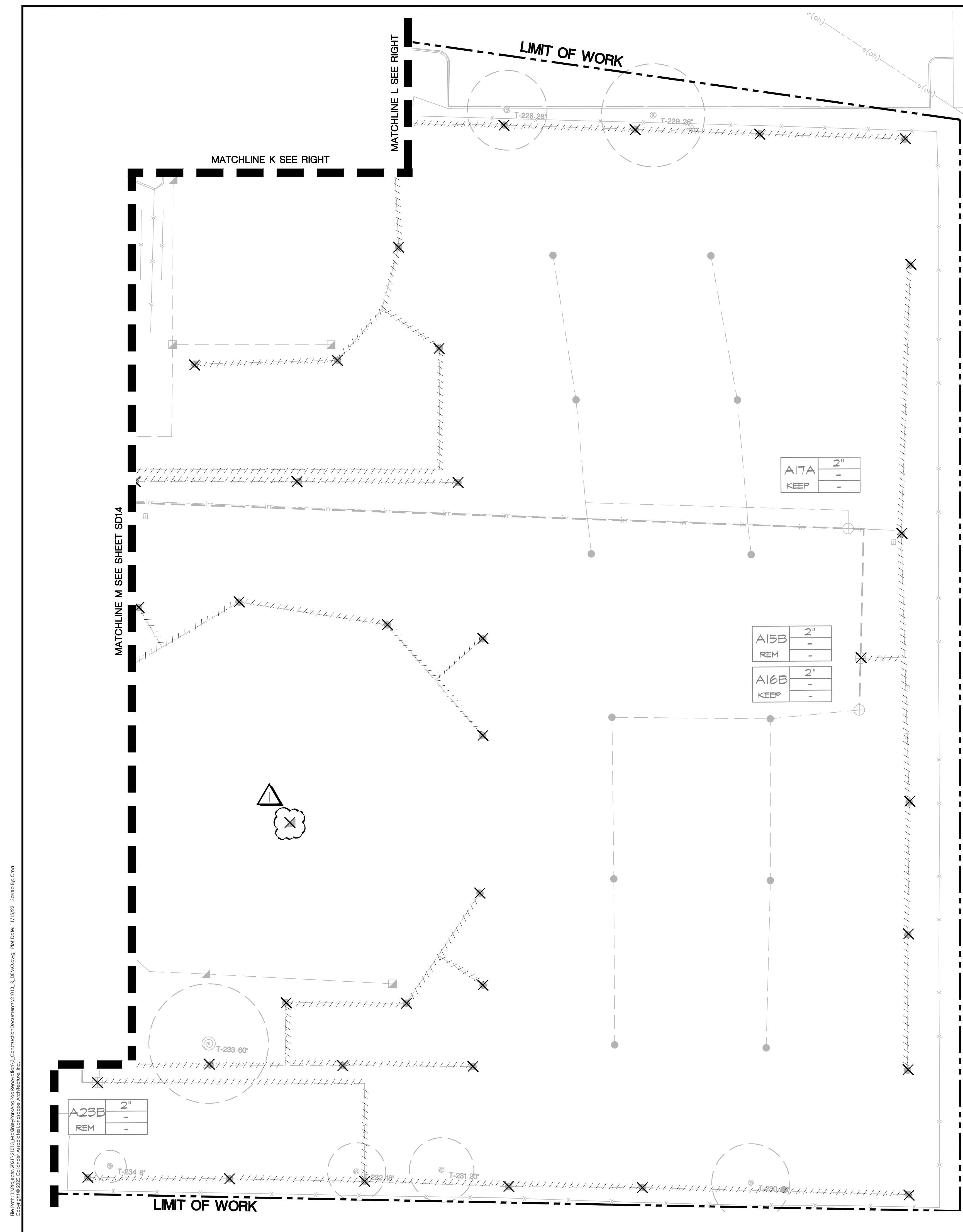
MCKINLEY PARK RENOVATIONS PROJECT
 IRRIGATION DEMOLITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. ID1.4 54 OF 162 SHTS
SCALE AS SHOWN	CITY ENGINEER STOCKTON, CALIFORNIA	WR21017 PROJECT NO.	

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

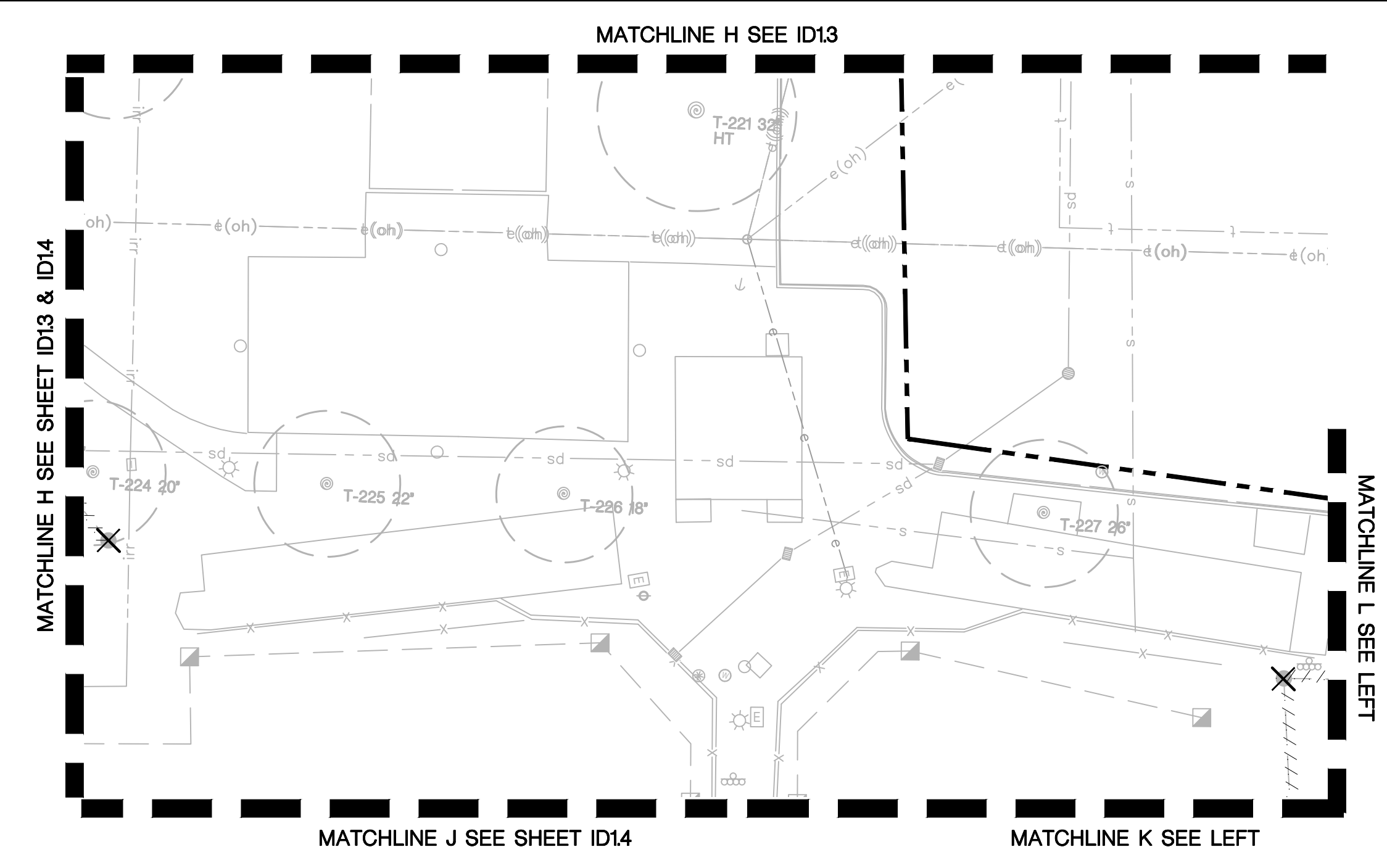


File Path: \\V:\projects\2023\21013_MckinleyParkRenovations\21013_ID1.0.dwg Plot Date: 11/15/22 Saved By: Ciro
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.



CALIFORNIA STREET

LIMIT OF WORK

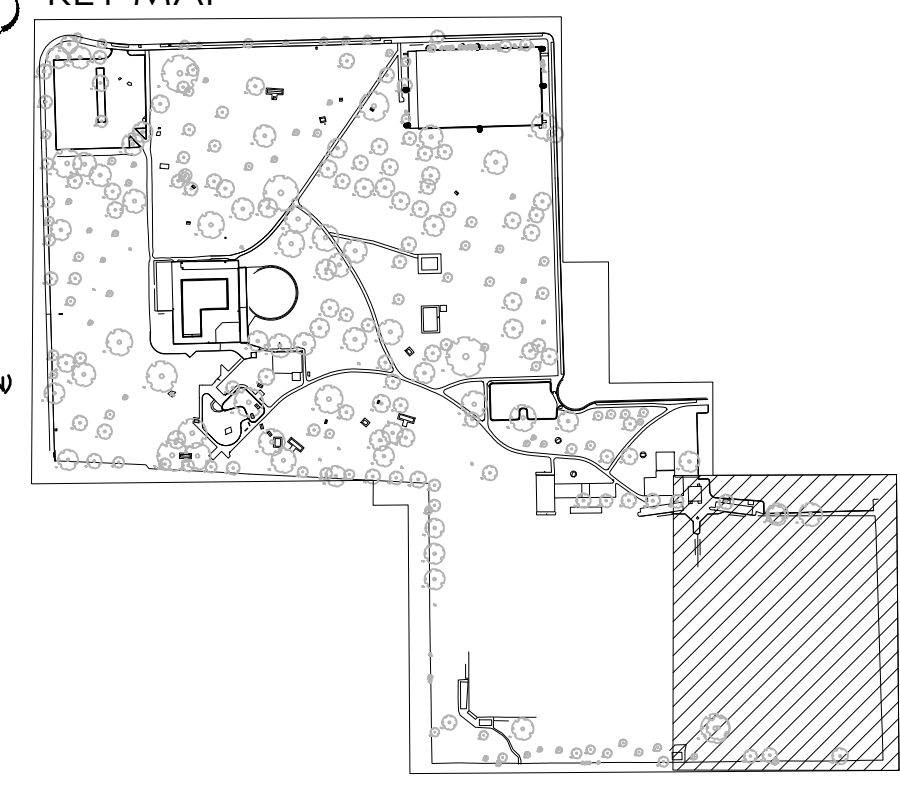


IRRIGATION DEMOLITION LEGEND

- EXISTING TURF HEAD: PROTECT IN PLACE
- ⊕ EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
- EXISTING QUICK COUPLER: PROTECT IN PLACE
- ⊗ EXISTING GATE VALVE: PROTECT IN PLACE
- EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
- EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
- EXISTING IRRIGATION CONTROLLER: 32 STATION CALSENSE 3000. SEE IRRIGATION PLANS FOR MODIFICATIONS
- ⊗ EXISTING IRRIGATION HEAD TO BE REMOVED
- ⊗ EXISTING VALVE TO BE REMOVED
- ⊗ EXISTING QUICK COUPLER TO BE REMOVED
- EXISTING LATERAL TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
- EXISTING MAINLINE TO BE DISCONNECTED FROM SYSTEM AND ABANDONED IN PLACE OR REMOVED IF IN CONFLICT WITH NEW IMPROVEMENTS. CAP ALL ENDS OF PIPE NOT RECONNECTED TO NEW LINES
- EXISTING VALVE CALLOUT

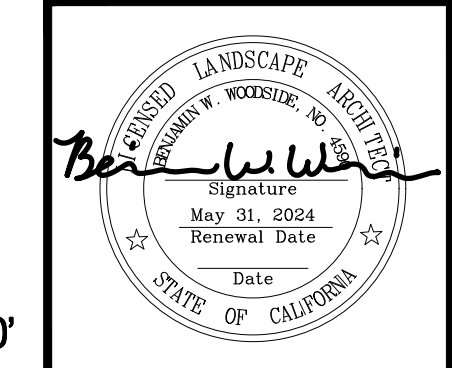
---	VALVE NUMBER
---	VALVE SIZE
---	VALVE DISPOSITION

 - KEEP= VALVE TO REMAIN
 - REL= VALVE TO BE RELOCATED (SEE IRRIGATION PLANS FOR NEW LOCATION)
 - REM= VALVE TO BE REMOVED (REPLACE GAP WITH NEW MAINLINE)



SEE SHEET ID1.0 FOR IRRIGATION DEMOLITION NOTES

PERMIT REVIEW SET



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
IRRIGATION DEMOLITION

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SHEET NO.
APPROVED BY:	DATE	ID1.5
CITY ENGINEER		55 OF 162 SHTS
STOCKTON, CALIFORNIA		WR21017 PROJECT NO.

File Path: N:\Projects\2021\21013_MckinleyParkRenovations\21013_ID1.0.dwg, Plot Date: 11/15/22, Saved By: Cina
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	SHRUB ROTARY STRIP: RAIN BIRD R-VAN-STRIP 1812-SAM-P45 5'X15' (LCS AND RCS), 5'X30' (SST) HAND ADJUSTABLE MULTI-STREAM ROTARY W/ 1800 SHRUB SPRAY BODY ON 12" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	30
	SHRUB ROTARY: RAIN BIRD R-VANI4 1812-SAM-P45 8'-14', HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 SHRUB SPRAY BODY ON 12" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	30
	SHRUB ROTARY: RAIN BIRD R-VANI8 1812-SAM-P45 13'-18', HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 SHRUB SPRAY BODY ON 12" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	30
	SHRUB ROTARY: RAIN BIRD R-VAN24 1812-SAM-P45 17'-24', HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 SHRUB SPRAY BODY ON 12" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	30
	TREE BUBBLER: RAIN BIRD RWS-B-C 1401 36" LONG RWS WITH INSTALLED 0.25 GPM BUBBLER. EACH SYMBOL REPRESENTS (2) BUBBLERS.	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	RADIUS
	EXISTING TURF ROTOR		
	TURF ROTOR: RAIN BIRD 8005-SS 5" POP-UP, STAINLESS STEEL RISER, STANDARD NOZZLE. WITH SEAL-A-MATIC CHECK VALVE, ADJUSTABLE 50-330 ARC, AND 360 NON-REVERSING FULL-CIRCLE. 1" (26/34) NPT FEMALE THREADED INLET. EXTENDED RADIUS IS IDEAL FOR LARGE TURF APPLICATIONS.	60	39' - 73'

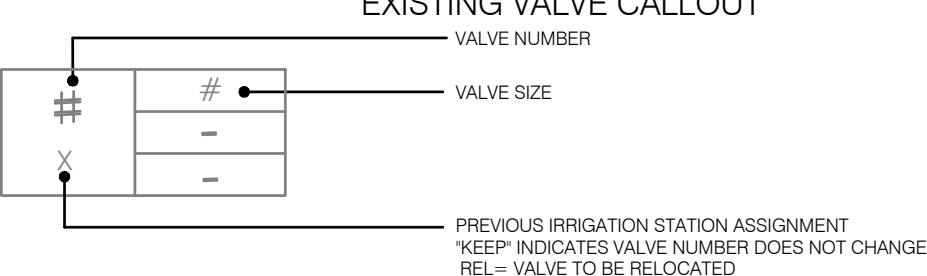
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	EXISTING REMOTE CONTROL VALVE: PROTECT IN PLACE
	EXISTING VALVE TO BE RELOCATED
	REMOTE CONTROL VALVE: GRISWOLD 2030 CAST IRON VALVE. SIZE PER PLAN. (3) LDI.5
	QUICK COUPLING VALVE: RAIN BIRD 44-LRC (4) LDI.5 (7) LDI.5
	EXISTING HEAD TO REMAIN: PROTECT IN PLACE
	EXISTING HEAD TO BE RELOCATED AS SHOWN. ADJUST AS NECESSARY TO PROVIDE/ MAINTAIN HEAD TO HEAD COVERAGE
	EXISTING GATE VALVE: PROTECT IN PLACE
	GATE VALVE: NIBCO T-113-K. SIZE PER PLAN. (2) LDI.5

A IRRIGATION CONTROLLER A: UPGRADE EXISTING 32 STATION CALSENSE 3000 CONTROLLER A WITH (2) CS3-8STA-KIT, BRINGING TOTAL STATION COUNT TO 48. ADD (1) HARDWARE COMMUNICATION CARD AND TERMINAL BOARD, CS3-M-KIT, TO FACILITATE COMMUNICATION WITH IRRIGATION CONTROLLER B. DOUBLED UP STATIONS ON CONTROLLER A WILL BE MOVED TO NEW STATION OUTPUTS ON CONTROLLER A OR MOVED TO AVAILABLE STATIONS ON CONTROLLER B AS NOTED ON PLANS. ADD (1) CS3000 FLOWSENSE OPTION, CS3-FL, TO ALLOW SHARING OF CLOUD COMMUNICATION, PROGRAMMING, FLOW, AND WEATHER DATA WITH CONTROLLER B.

B IRRIGATION CONTROLLER B: CALSENSE CS3-48-WM/CS3-M-KIT/CS3-FL/TP-110 48-STATION BASE MODEL CS3000 WITH WALL-MOUNT ENCLOSURE. WITH (1) HARDWARE COMMUNICATION CARD AND TERMINAL BOARD, CS3-M-KIT, TO FACILITATE COMMUNICATION WITH IRRIGATION CONTROLLER A, AND (1) CS3000 FLOWSENSE OPTION, CS3-FL, TO ALLOW SHARING OF CLOUD COMMUNICATION, PROGRAMMING, FLOW AND WEATHER DATA WITH CONTROLLER A.

	NEW BACKFLOW (PER CIVIL PLANS)
	EXISTING BOOSTER PUMP
	EXISTING MASTER VALVE
	FLOW SENSOR: FLOMEC QS200-40 (8) LDI.5

	EXISTING IRRIGATION LATERAL LINE: PROTECT IN PLACE
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (4) LDI.4
	EXISTING IRRIGATION MAINLINE: PROTECT IN PLACE
	IRRIGATION MAINLINE: 2" AND LARGER SHALL BE PVC CLASS 315 BELL AND GASKET, FOR ALL MAINLINE SMALLER THAN 2" USE SCH 40 PVC (4) LDI.4
	PIPE SLEEVE: SCHEDULE 40 (4) LDI.4
	NEW CONTROL WIRE/COMMUNICATION CABLE, PER SPECS



IRRIGATION NOTES

- SPECIFICATIONS:** SEE IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- VERIFICATION:** SYSTEM DESIGN IS BASED ON 60 P.S.I. AND 208 G.P.M. AVAILABLE AT DISCHARGE OUTLET OF EXISTING BOOSTER PUMP. CONTRACTOR SHALL VERIFY SAME AND NOTIFY LANDSCAPE ARCHITECT IF SUCH DATA ADVERSELY AFFECTS THE OPERATION OF THE SYSTEM. SUCH NOTICE SHALL BE MADE IN WRITING AND PRIOR TO COMMENCING ANY IRRIGATION WORK.
- UTILITIES:** CONTRACTOR SHALL VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- SCHEMATIC:** SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. INSTALL ALL PIPING AND VALVES IN COMMON TRENCHES WHERE FEASIBLE AND INSIDE PLANTING AREAS WHENEVER POSSIBLE. ALL VALVES SHALL BE LOCATED IN GROUND COVER OR SHRUB AREAS WHENEVER POSSIBLE.
- CODES:** IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS. NOTIFY LANDSCAPE ARCHITECT BY TELEPHONE AND IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
- SLEEVEING:** CONTRACTOR SHALL SIZE ALL SLEEVES TO BE A MINIMUM TWO TIMES THE SIZE OF THE INTERIOR PIPE. SLEEVES SHALL BE INSTALLED AT THE NECESSARY DEPTHS PRIOR TO PAVEMENT CONSTRUCTION. SLEEVEING SHALL EXTEND 1'-0" FROM EDGE OF PAVEMENT INTO LAWN OR PLANTING AREA, AND SHALL HAVE ENDS CLEARLY MARKED ABOVE GRADE.
- QUICK COUPLING VALVES:** INSTALL ON TRIPLE SWING JOINT. LOCATE 12" AWAY FROM EDGE OF WALKS, WALLS, CURBS, AND HEADERBOARDS WITHIN PLANTING AREAS. PROVIDE OWNER WITH ONE OPERATING KEY, TWO SETS OF LOCKING COVER KEYS, AND ONE SWIVEL HOSE ELL.
- HEAD ALLOWANCE:** CONTRACTOR SHALL ALLOW IN BID PRICE AN AMOUNT SUFFICIENT TO PROVIDE AND INSTALL AN ADDITIONAL 5% SPRINKLER HEADS OF EACH TYPE SPECIFIED ON PLAN TO ACCOMMODATE FIELD CHANGES. THESE HEADS SHALL BE LOCATED AS DIRECTED BY THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL DELIVER TO THE OWNER ANY UN-USED ADDITIONAL HEADS AND DRIPLINE AT THE END OF THE MAINTENANCE PERIOD.
- CONTROLLER:** ALL ABOVE-GRADE CONDUIT EITHER 24V. OR 110V. SHALL BE RIGID STEEL AND SECURELY FASTENED TO STRUCTURE AND TO CONTROLLER.
- MAINTAINING EXISTING IRRIGATION:** SHOULD THE EXISTING MAINLINE BREAK OR BE SHUT OFF FOR ANY REASON DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL HAND WATER ALL TREES, SHRUBS, TURF, AND GROUND COVER THAT THE EXISTING IRRIGATION SYSTEM WATERS. THE CONTRACTOR SHALL CONTINUE TO DO SO UNTIL THE IRRIGATION SYSTEM IS OPERABLE.
- TRENCH REPAIR:** CONTRACTOR TO REPLACE ALL TURF, ASPHALT, PAVEMENT OR OTHER SURFACES DAMAGED AS A RESULT OF TRENCHING. CONTRACTOR TO BE EXTREMELY CAUTIOUS TO AVOID TRENCHING THROUGH EXISTING CONTROL WIRES, LATERAL LINES, AND MAINLINE. STAKE IN FIELD THE LOCATIONS PER NOTE I BEFORE TRENCHING. ALL DAMAGED LATERAL LINES, MAINLINES, AND CONTROL WIRES OR OTHER EXISTING IMPROVEMENTS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY AT NO ADDITIONAL COST.
- NEW VALVES:** CONNECT NEW VALVES TO CONTROLLER WITH CONTROL WIRE PER SPECIFICATIONS. UTILIZE EXISTING WIRE RUNS FOR ALL NEW VALVES CONNECTED TO CONTROLLER 'A' AND VALVES B5 THROUGH B8. RUN NEW CONTROL WIRE TO CONTROLLER B FOR VALVES B9 THROUGH B34. USE COMMON TRENCHES WHEN POSSIBLE.
- PARKING NOTE:** ALL POP-UP HEADS AT BACK OF CURB IN PARKING AREAS SHOULD HAVE MAX. POP-UP HEIGHT OF 4".
- MAINLINE REINFORCEMENT:** USE JOINT RESTRAINTS, PER DETAIL 6/LDI.4 ON ALL BELL AND GASKET MAINLINE PIPE. USE THRUST BLOCKS, PER DETAIL 5/LDI.4, ON ALL SOLVENT WELD MAINLINE PIPE.



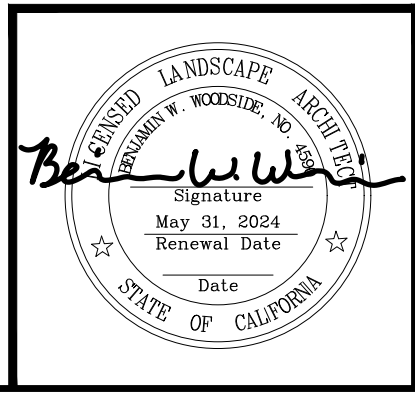
12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

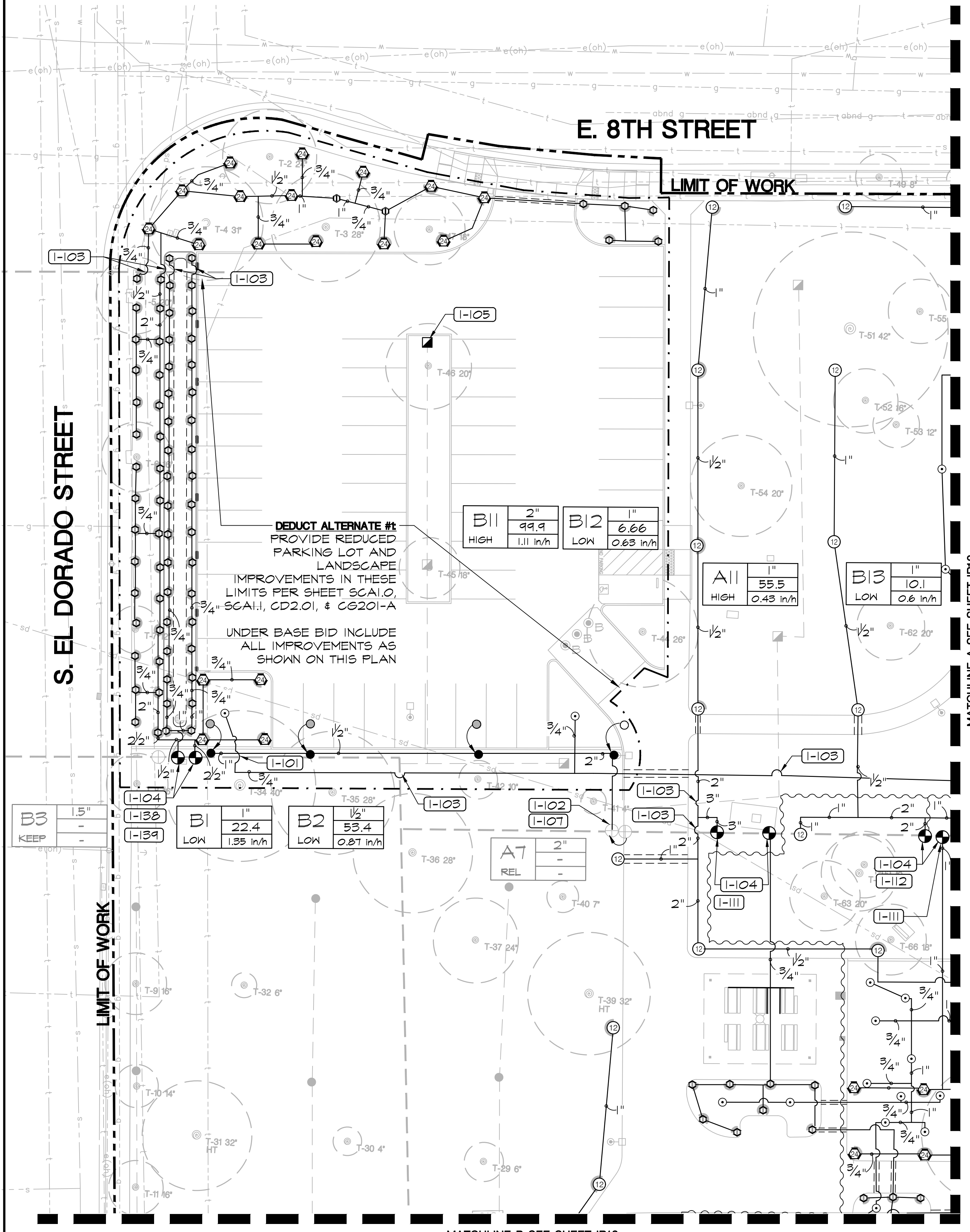
IRRIGATION PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY DCM	CITY ENGINEER
DRAWN BY CM	STOCKTON, CALIFORNIA
CHECKED BY BW	WR21017 PROJECT NO.
RECORD DWGS.	IR 1.0 56 OF 162 SHTS

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



File Path: \\projects\2021\21013_MckinleyParkRenovations\3_ContractDocuments\31013IR-Plan_Rev Date: 11/14/22_Signed By: Anubhava
 Copyright © 2022 Callander Associates Architects, Inc.



IRRIGATION KEY NOTES

- I-101 CONNECT NEW MAINLINE TO EXISTING SYSTEM. EXISTING MAINLINE LOCATION SHOWN IS APPROXIMATE FROM RECORD DRAWINGS. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- I-102 CONNECT NEW LATERAL TO EXISTING SYSTEM. EXISTING MAINLINE LOCATION SHOWN IS APPROXIMATE FROM RECORD DRAWINGS. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- I-103 NEW LATERAL LINE CROSSES EXISTING MAINLINE OR LATERAL LINE. CONTRACTOR TO LOCATED EXISTING LINE AND INSTALL NEW LINE WITH CAUTION. ANY EXISTING PIPE DAMAGED AS PART OF CONSTRUCTION OPERATIONS SHALL BE REPLACED/REPAIRED.
- I-104 CONNECT NEW VALVE TO EXISTING MAINLINE. MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- I-105 CONNECT NEW QUICK COUPLER TO EXISTING MAINLINE OR LATERAL LINE. MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- I-106 LOCATE WIRES FROM (E) VALVE A3A AND CONNECT TO NEW VALVE A3
- I-107 EXTEND EXISTING CONTROL WIRES TO NEW VALVE LOCATIONS
- I-108 LOCATE WIRES FROM (E) VALVE A2A AND CONNECT TO NEW VALVE A2
- I-109 LOCATE WIRES FROM (E) VALVE A1A AND CONNECT TO NEW VALVE A1
- I-110 LOCATE WIRES FROM (E) VALVE A6B AND CONNECT TO NEW VALVE A29
- I-111 EXTEND NEW CONTROL AND NEUTRAL WIRES FROM CONTROLLERS TO NEW VALVES
- I-112 LOCATE WIRES FROM (E) VALVE A11A AND CONNECT TO NEW VALVE A11
- I-113 LOCATE WIRES FROM (E) VALVE A14A AND CONNECT TO NEW VALVE A14
- I-114 LOCATE WIRES FROM (E) VALVE A18A AND CONNECT TO NEW VALVE A18
- I-115 LOCATE WIRES FROM (E) VALVE A20A AND CONNECT TO NEW VALVE A20
- I-116 LOCATE WIRES FROM (E) VALVE A23A AND CONNECT TO NEW VALVE A23
- I-117 IDENTIFY WIRE FOR VALVE A1B AT CONTROLLER AND REASSIGN TO NEW STATION A25
- I-118 IDENTIFY WIRE FOR VALVE A2B AT CONTROLLER AND REASSIGN TO NEW STATION A26
- I-119 IDENTIFY WIRE FOR VALVE A3B AT CONTROLLER AND REASSIGN TO NEW STATION A27
- I-120 IDENTIFY WIRE FOR VALVE A4B AT CONTROLLER AND REASSIGN TO NEW STATION A28
- I-121 IDENTIFY WIRE FOR VALVE A5B AT CONTROLLER AND REASSIGN TO NEW STATION A29
- I-122 LOCATE WIRES FROM (E) VALVE A13B AND CONNECT TO NEW VALVE A30
- I-123 LOCATE WIRES FROM (E) VALVE A2B AND CONNECT TO NEW VALVE A32
- I-124 LOCATE WIRES FROM (E) VALVE A14B AND CONNECT TO NEW VALVE A37
- I-125 IDENTIFY WIRE FOR VALVE A7B AT CONTROLLER AND REASSIGN TO NEW STATION A31
- I-126 IDENTIFY WIRE FOR VALVE A9B AT CONTROLLER AND REASSIGN TO NEW STATION A33
- I-127 IDENTIFY WIRE FOR VALVE A10B AT CONTROLLER AND REASSIGN TO NEW STATION A34
- I-128 IDENTIFY WIRE FOR VALVE A10B AT CONTROLLER AND REASSIGN TO NEW STATION A34
- I-129 IDENTIFY WIRE FOR VALVE A12B AT CONTROLLER AND REASSIGN TO NEW STATION A36
- I-130 LOCATE WIRES FROM (E) VALVE A15B AND CONNECT TO NEW VALVE A38
- I-131 LOCATE WIRES FROM (E) VALVE A16B AND CONNECT TO NEW VALVE A39
- I-132 IDENTIFY WIRE FOR VALVE A17B AT CONTROLLER AND REASSIGN TO NEW STATION A40
- I-133 LOCATED WIRES FROM (E) VALVE A18B AND CONNECT TO NEW VALVE A41
- I-134 LOCATE WIRES FROM (E) VALVE A19B AND CONNECT TO NEW VALVE A42
- I-135 LOCATE WIRES FROM (E) VALVE A20B AND CONNECT TO NEW VALVE A43
- I-136 IDENTIFY WIRE FOR VALVE A21B AT CONTROLLER AND REASSIGN TO NEW STATION A44
- I-137 IDENTIFY WIRE FOR VALVE A22B AT CONTROLLER AND REASSIGN TO NEW STATION A45
- I-138 LOCATE WIRES FROM (E) VALVE B1 AND CONNECT TO NEW VALVE B1
- I-139 LOCATE WIRES FROM (E) VALVE B2 AND CONNECT TO NEW VALVE B2
- I-140 LOCATE WIRES FROM (E) VALVE B5 AND CONNECT TO NEW VALVE B5
- I-141 LOCATE WIRES FROM (E) VALVE B6 AND CONNECT TO NEW VALVE B6
- I-142 LOCATE WIRES FROM (E) VALVE B7 AND CONNECT TO NEW VALVE B7
- I-143 LOCATE WIRES FROM (E) VALVE B8 AND CONNECT TO NEW VALVE B8

S. EL DORADO STREET

E. 8TH STREET

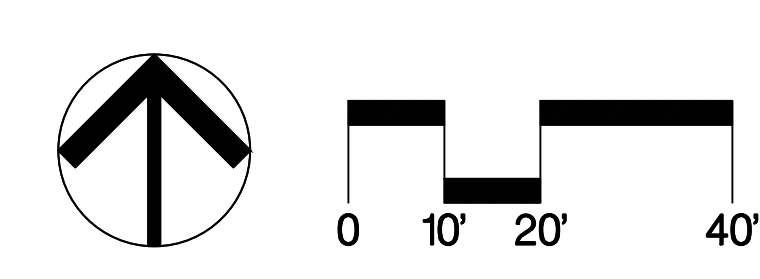
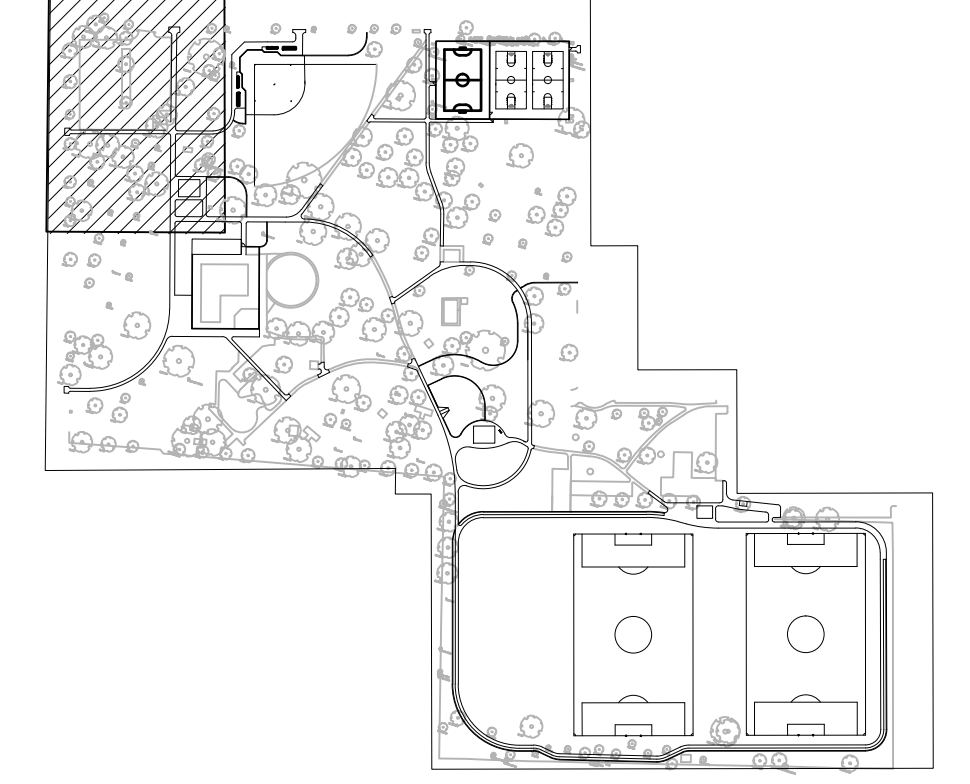
LIMIT OF WORK

MATCHLINE A SEE SHEET IR12

MATCHLINE B SEE SHEET IR13


DEDUCT ALTERNATE #1 PROVIDE REDUCED PARKING LOT AND LANDSCAPE IMPROVEMENTS IN THESE LIMITS PER SHEET SCA1.0, SCA1.1, CD2.01, & CG201-A
UNDER BASE BID INCLUDE ALL IMPROVEMENTS AS SHOWN ON THIS PLAN

KEY MAP



SEE SHEET IR1.0 FOR IRRIGATION NOTES



	12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366 www.callanderassociates.com	
	NOVEMBER 14, 2022 CALA PROJECT NO. 21013	
MCKINLEY PARK RENOVATIONS PROJECT		
IRRIGATION PLAN		
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		
SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY DCM	DATE	IR1.1
DRAWN BY CM		57 OF 162 SHTS
CHECKED BY BW	CITY ENGINEER	WR21017
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



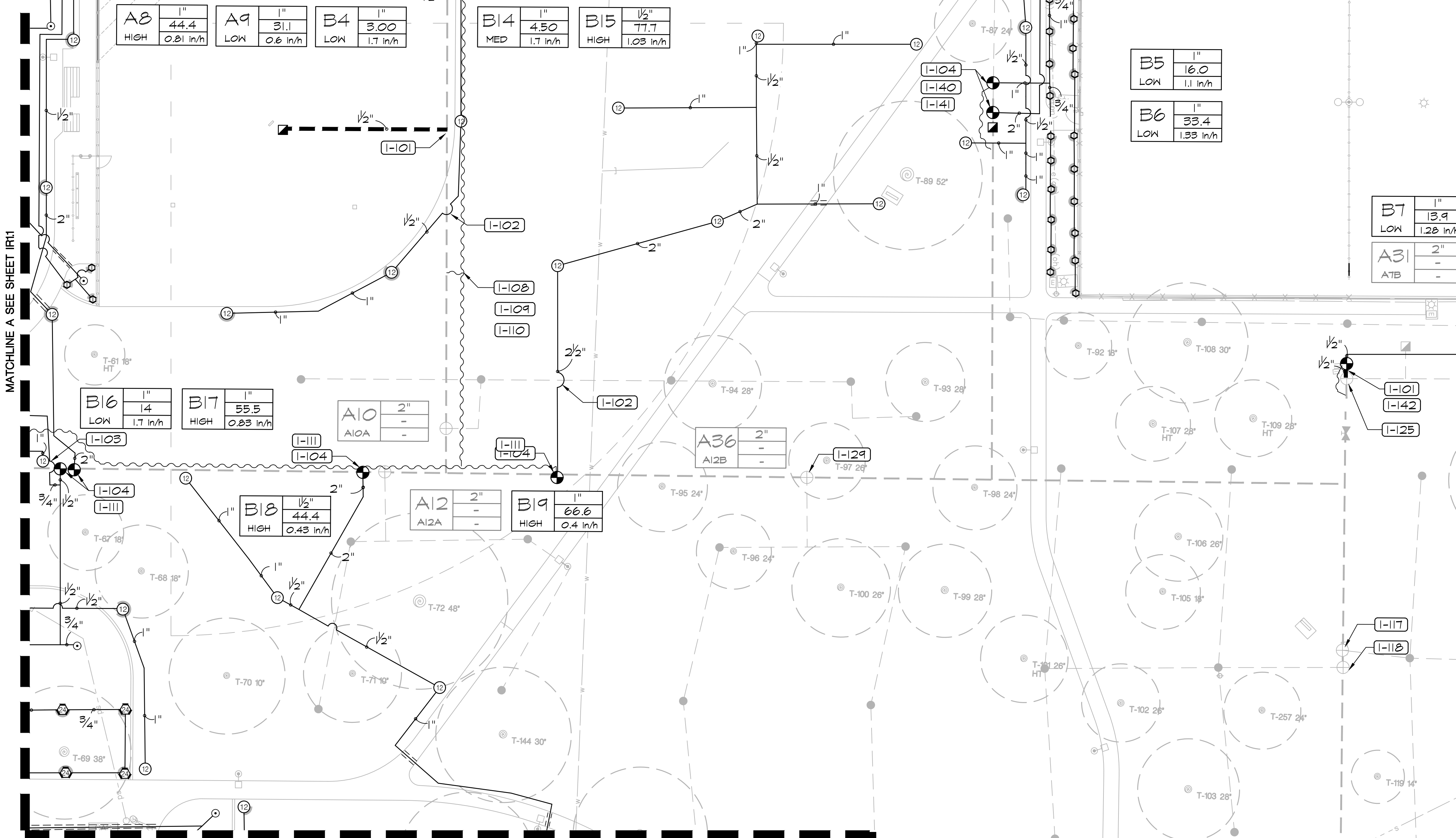
File Path: \\projects\2023\21013_MckinleyParkRenovations\2_ContractDocuments\21013\IR1.dwg, Plot Date: 11/14/22, Saved By: AutoCAD, Copyright © 2022 Callander Associates Landscape Architecture, Inc.

E. 8TH STREET

LIMIT OF WORK

S. SAN JOAQUIN STREET

LIMIT OF WORK



A8	1"	44.4
HIGH		0.81 in/h
A9	1"	31.1
LOW		0.6 in/h
B4	1"	3.00
LOW		1.7 in/h

B14	1"	4.50
MED		1.7 in/h
B15	1/2"	77.7
HIGH		1.03 in/h

B5	1"	16.0
LOW		1.1 in/h
B6	1"	33.4
LOW		1.33 in/h

B7	1"	13.9
LOW		1.28 in/h
A31	2"	-
A7B	-	-

B16	1"	14
LOW		1.7 in/h
B17	1"	55.5
HIGH		0.83 in/h
A10	2"	-
A10A	-	-

B18	1/2"	44.4
HIGH		0.43 in/h

A12	2"	-
A12A	-	-
B19	1"	66.6
HIGH		0.4 in/h

A36	2"	-
A12B	-	-

A25	2"	-
A1B	-	-

A26	2"	-
A2B	-	-

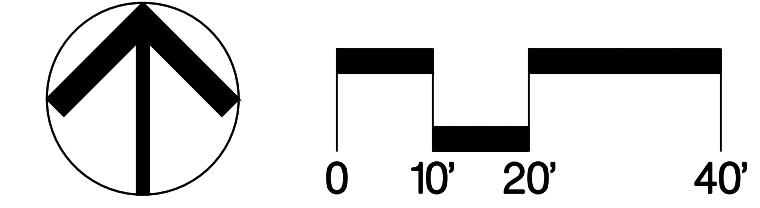
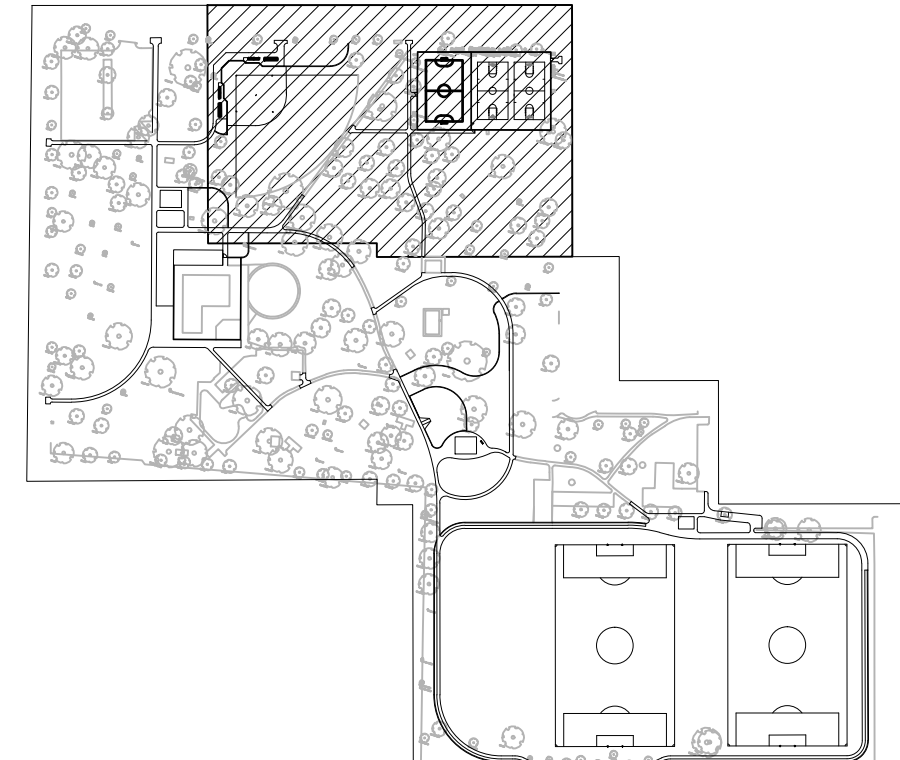
MATCHLINE A SEE SHEET IR11

MATCHLINE C SEE SHEET IR13

MATCHLINE D SEE SHEET IR13

MATCHLINE D SEE SHEET IR14

KEY MAP

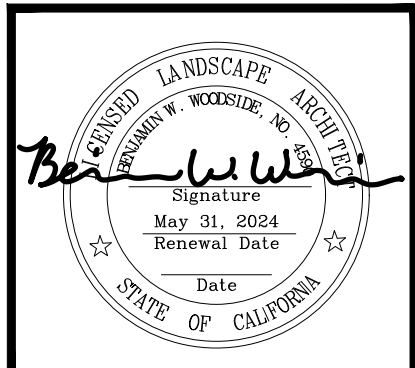


12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
 IRRIGATION PLAN

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	IR1.2
DRAWN BY	CM		58 OF 162 SHEETS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

SEE SHEET IR1.0 FOR IRRIGATION NOTES & LEGEND
 SEE SHEET IR1.1 FOR IRRIGATION KEY NOTES

File Path: \\projects\2023\21013_MckinleyParkRenovations\21013_IR.dwg Plot Date: 11/14/22 Saved By: Anderson
 Copyright © 2023 Callander Associates Landscape Architecture, Inc.

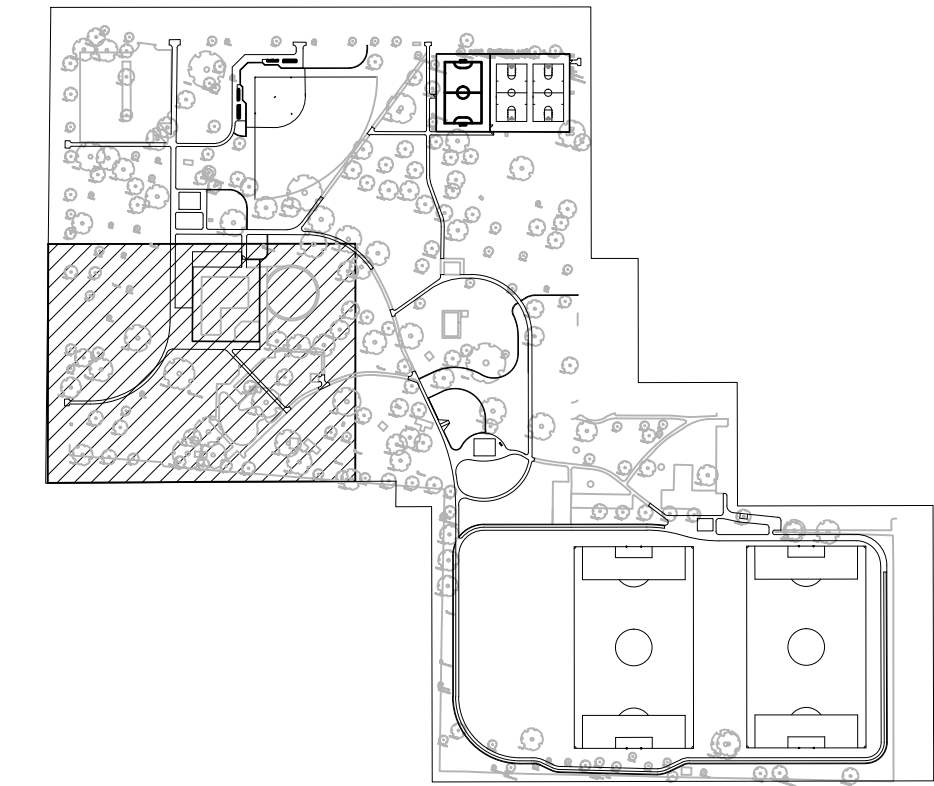
MATCHLINE B SEE SHEET IR11

MATCHLINE C SEE SHEET IR12

IRRIGATION KEY NOTES

- | SYMBOL | DESCRIPTION |
|--------|--|
| I-101 | CONNECT NEW MAINLINE TO EXISTING SYSTEM. EXISTING MAINLINE LOCATION SHOWN IS APPROXIMATE FROM RECORD DRAWINGS. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD. |
| I-103 | NEW LATERAL LINE CROSSES EXISTING MAINLINE OR LATERAL LINE. CONTRACTOR TO LOCATED EXISTING LINE AND INSTALL NEW LINE WITH CAUTION. ANY EXISTING PIPE DAMAGED AS PART OF CONSTRUCTION OPERATIONS SHALL BE REPLACED/ REPAIRED. |
| I-104 | CONNECT NEW VALVE TO EXISTING MAINLINE. MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD. |
| I-105 | CONNECT NEW QUICK COUPLER TO EXISTING MAINLINE OR LATERAL LINE. MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD. |
| I-106 | LOCATE WIRES FROM (E) VALVE A3A AND CONNECT TO NEW VALVE A3 |
| I-111 | EXTEND NEW CONTROL AND NEUTRAL WIRES FROM CONTROLLERS TO NEW VALVES |
| I-113 | LOCATE WIRES FROM (E) VALVE A14A AND CONNECT TO NEW VALVE A14 |
| I-127 | IDENTIFY WIRE FOR VALVE A10B AT CONTROLLER AND REASSIGN TO NEW STATION A34 |
| I-128 | IDENTIFY WIRE FOR VALVE A10B AT CONTROLLER AND REASSIGN TO NEW STATION A34 |
| I-143 | LOCATE WIRES FROM (E) VALVE B8 AND CONNECT TO NEW VALVE B8 |

KEY MAP



CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

IRRIGATION PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. IR1.3
SCALE AS SHOWN	DESIGNED BY DCM	CHECKED BY BW	WR21017 PROJECT NO.
DRAWN BY CM	CITY ENGINEER	RECORD DWGS.	59 OF 162 SHS
STOCKTON, CALIFORNIA			

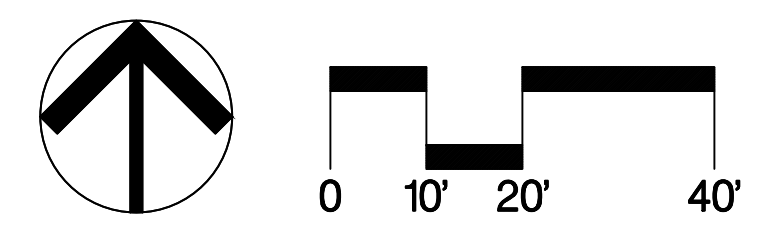
S. EL DORADO STREET

LIMIT OF WORK

LIMIT OF WORK

PERMIT REVIEW SET

SEE SHEET IR1.0 FOR IRRIGATION NOTES & LEGEND



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

File Path: \\projects\2021\21013_MckinleyParkRenovations\3_ConstructionDocuments\21013_IR1.dwg, Plot Date: 11/16/22, Speed by: Johnson
 Copyright © 2020 Calander Associates Architecture, Inc.

MATCHLINE D SEE SHEET IR12

IRRIGATION KEY NOTES

- I-101** CONNECT NEW MAINLINE TO EXISTING SYSTEM. EXISTING MAINLINE LOCATION SHOWN IS APPROXIMATE FROM RECORD DRAWINGS. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- I-103** NEW LATERAL LINE CROSSES EXISTING MAINLINE OR LATERAL LINE. CONTRACTOR TO LOCATED EXISTING LINE AND INSTALL NEW LINE WITH CAUTION. ANY EXISTING PIPE DAMAGED AS PART OF CONSTRUCTION OPERATIONS SHALL BE REPLACED/REPAIRED.
- I-104** CONNECT NEW VALVE TO EXISTING MAINLINE. MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- I-105** CONNECT NEW QUICK COUPLER TO EXISTING MAINLINE OR LATERAL LINE. MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- I-106** LOCATE WIRES FROM (E) VALVE A3A AND CONNECT TO NEW VALVE A3
- I-111** EXTEND NEW CONTROL AND NEUTRAL WIRES FROM CONTROLLERS TO NEW VALVES
- I-113** LOCATE WIRES FROM (E) VALVE A14A AND CONNECT TO NEW VALVE A14
- I-127** IDENTIFY WIRE FOR VALVE A10B AT CONTROLLER AND REASSIGN TO NEW STATION A34
- I-128** IDENTIFY WIRE FOR VALVE A10B AT CONTROLLER AND REASSIGN TO NEW STATION A34
- I-143** LOCATE WIRES FROM (E) VALVE B8 AND CONNECT TO NEW VALVE B8

MATCHLINE E SEE SHEET IR3

LIMIT OF WORK

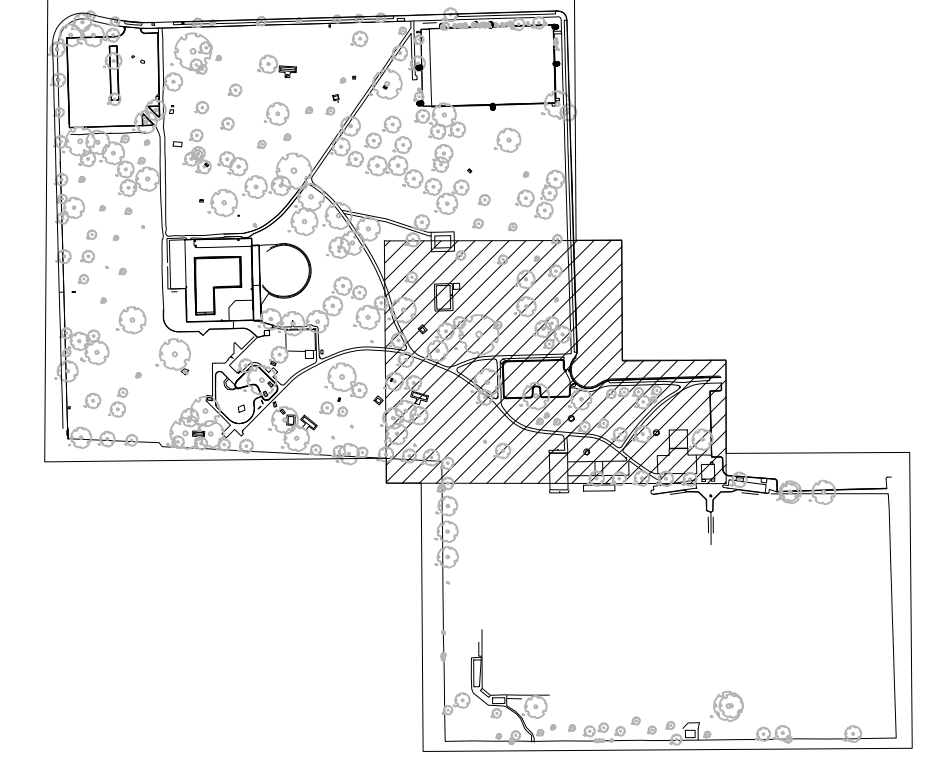
S. SAN JOAQUIN STREET

E. 9TH STREET

MATCHLINE H SEE SHEET IR16

MATCHLINE F SEE SHEET IR15

KEY MAP



A33	2"	-
A4B	-	-

A30	1"	44.4
HIGH	0.41 in/h	

A32	1"	55.5
HIGH	0.87 in/h	

RE-ROUTE MAINLINE OUTSIDE OF NEW PLAY AREA

A27	2"	-
A3B	-	-

A28	2"	-
A4B	-	-

A29	2"	-
A5B	-	-

A37	1"	4.00
MED	1.7 in/h	

B20	1"	6.31
LOW	0.46 in/h	

A22	2"	-
A22A	-	-

B21	1"	17.7
LOW	1.18 in/h	

B22	2"	103
HIGH	1.11 in/h	

B23	1"	23.5
LOW	1.7 in/h	

A21B	2"	-
KEEP	-	-

B26	1"	7
LOW	1.7 in/h	

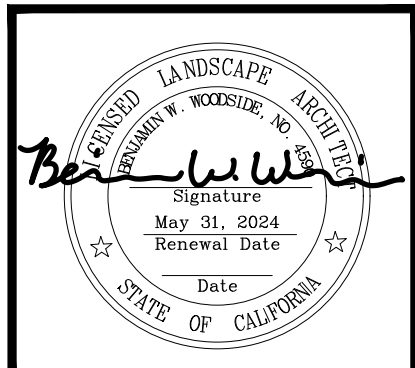
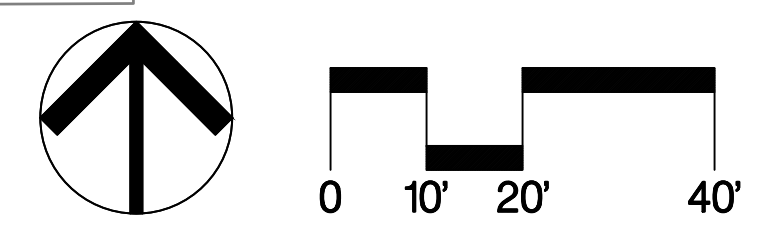
A24	1"	17.7
LOW	1.18 in/h	

A23	1"	12.6
LOW	0.87 in/h	

B10	1"	55.5
HIGH	0.91 in/h	

B25	2"	-
A24B	-	-

SEE SHEET IR1.0 FOR IRRIGATION NOTES & LEGEND



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
IRRIGATION PLAN
 DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	IR1.4
DRAWN BY	CM		60 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.



MATCHLINE F SEE SHEET IR14

1-104

B27	1"
LOW	6.42
	0.94 in/h

B28	2"
HIGH	93
	1.21 in/h

A21	2"
A21A	-

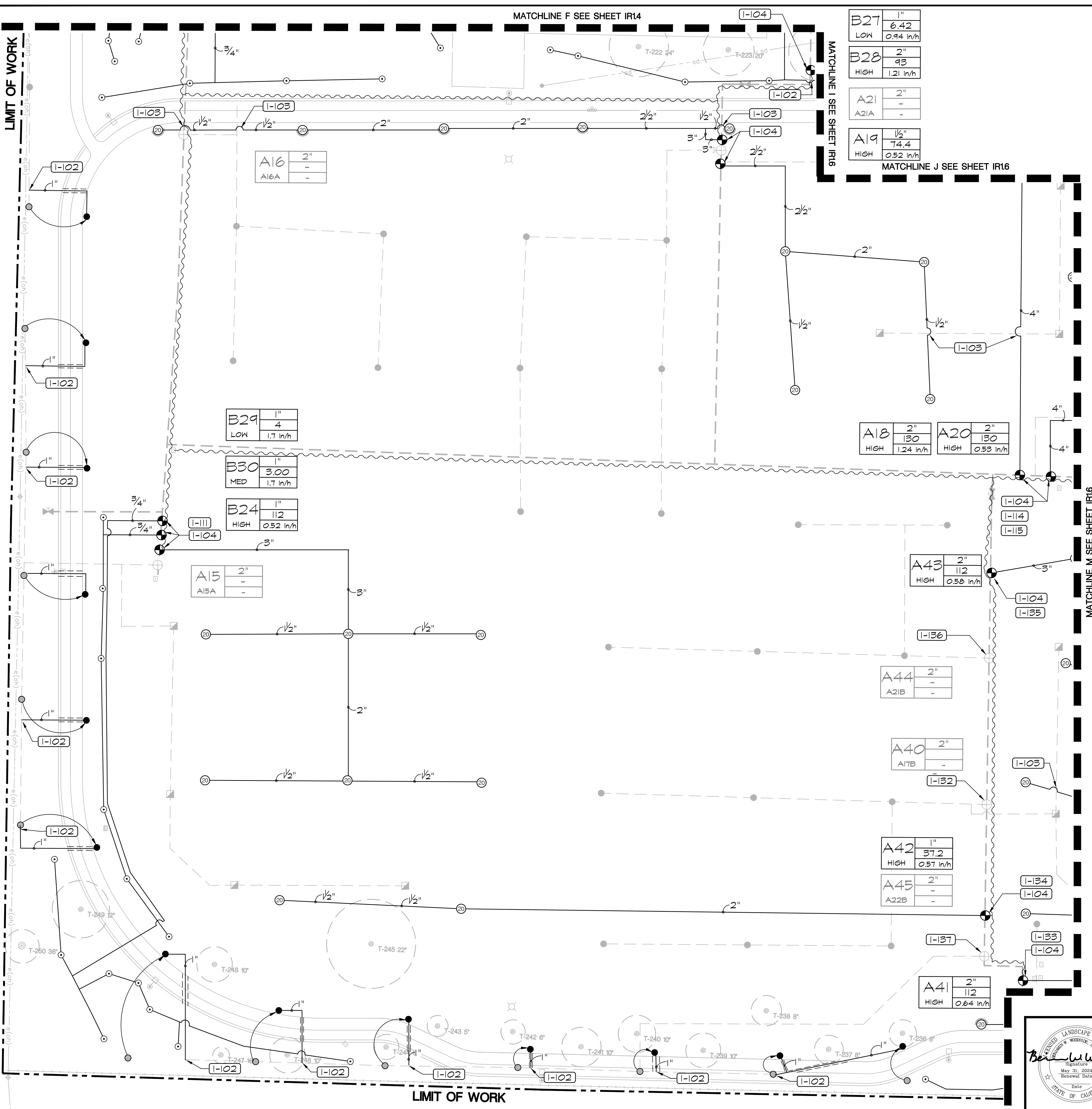
A19	1/2"
HIGH	74.4
	0.52 in/h

MATCHLINE J SEE SHEET IR16

IRRIGATION KEY NOTES

- 1-102 CONNECT NEW LATERAL TO EXISTING SYSTEM. EXISTING MAINLINE LOCATION SHOWN IS APPROXIMATE FROM RECORD DRAWINGS. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- 1-103 NEW LATERAL LINE CROSSES EXISTING MAINLINE OR LATERAL LINE. CONTRACTOR TO LOCATE EXISTING LINE AND INSTALL NEW LINE WITH CAUTION. ANY EXISTING PIPE DAMAGED AS PART OF CONSTRUCTION OPERATIONS SHALL BE REPLACED/REPAIRED.
- 1-104 CONNECT NEW VALVE TO EXISTING MAINLINE. MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD.
- 1-111 EXTEND NEW CONTROL AND NEUTRAL WIRES FROM CONTROLLERS TO NEW VALVES
- 1-114 LOCATE WIRES FROM (E) VALVE A18A AND CONNECT TO NEW VALVE A18
- 1-115 LOCATE WIRES FROM (E) VALVE A20A AND CONNECT TO NEW VALVE A20
- 1-132 IDENTIFY WIRE FOR VALVE A17B AT CONTROLLER AND REASSIGN TO NEW STATION A40
- 1-133 LOCATED WIRES FROM (E) VALVE A18B AND CONNECT TO NEW VALVE A41
- 1-134 LOCATE WIRES FROM (E) VALVE A19B AND CONNECT TO NEW VALVE A42
- 1-135 LOCATE WIRES FROM (E) VALVE A20B AND CONNECT TO NEW VALVE A43
- 1-136 IDENTIFY WIRE FOR VALVE A21B AT CONTROLLER AND REASSIGN TO NEW STATION A44
- 1-137 IDENTIFY WIRE FOR VALVE A22B AT CONTROLLER AND REASSIGN TO NEW STATION A45

LIMIT OF WORK



A18	2"
HIGH	130
	1.24 in/h

A20	2"
HIGH	130
	0.53 in/h

B29	1"
LOW	4
	1.7 in/h

B30	1"
MED	3.00
	1.7 in/h

B24	1"
HIGH	112
	0.52 in/h

A15	2"
A15A	-

A43	2"
HIGH	112
	0.58 in/h

A44	2"
A21B	-

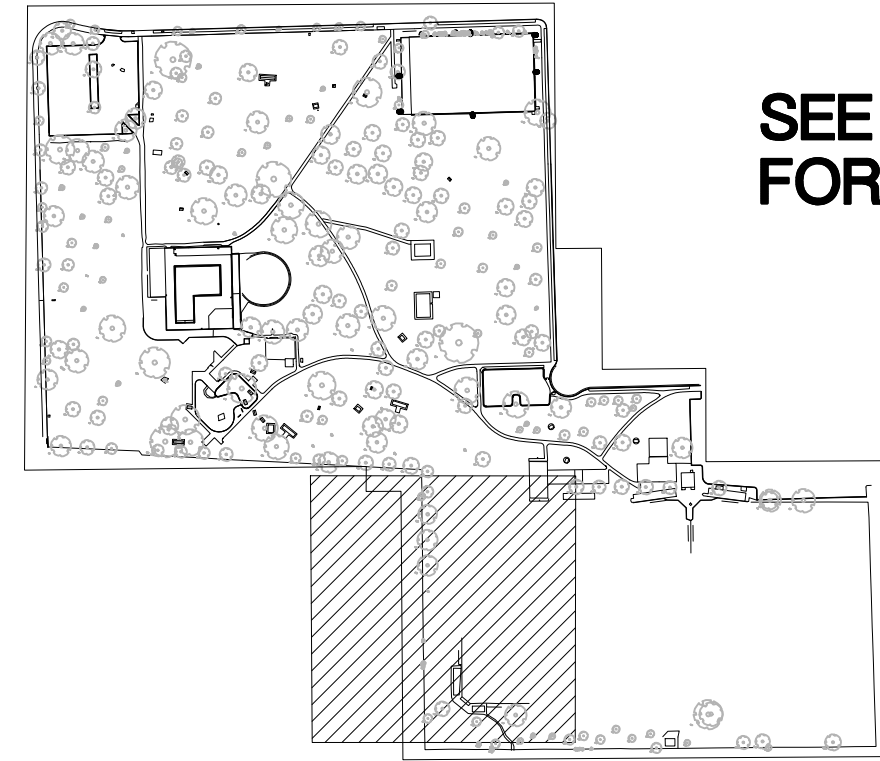
A40	2"
A17B	-

A42	1"
HIGH	37.2
	0.37 in/h

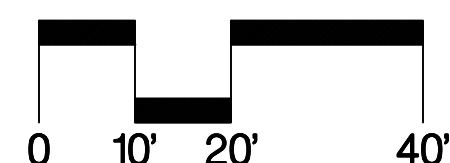
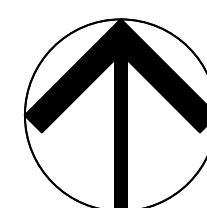
A45	2"
A22B	-

A41	2"
HIGH	112
	0.64 in/h

KEY MAP



SEE SHEET IR1.0 FOR IRRIGATION NOTES & LEGEND

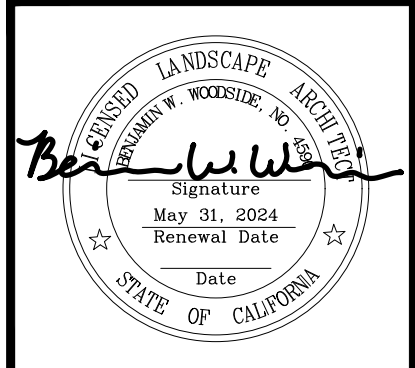


PERMIT REVIEW SET

12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
 IRRIGATION PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE	AS SHOWN	DATE	IR1.5
DESIGNED BY	DCM		61 OF 162 SHEETS
DRAWN BY	CM		
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

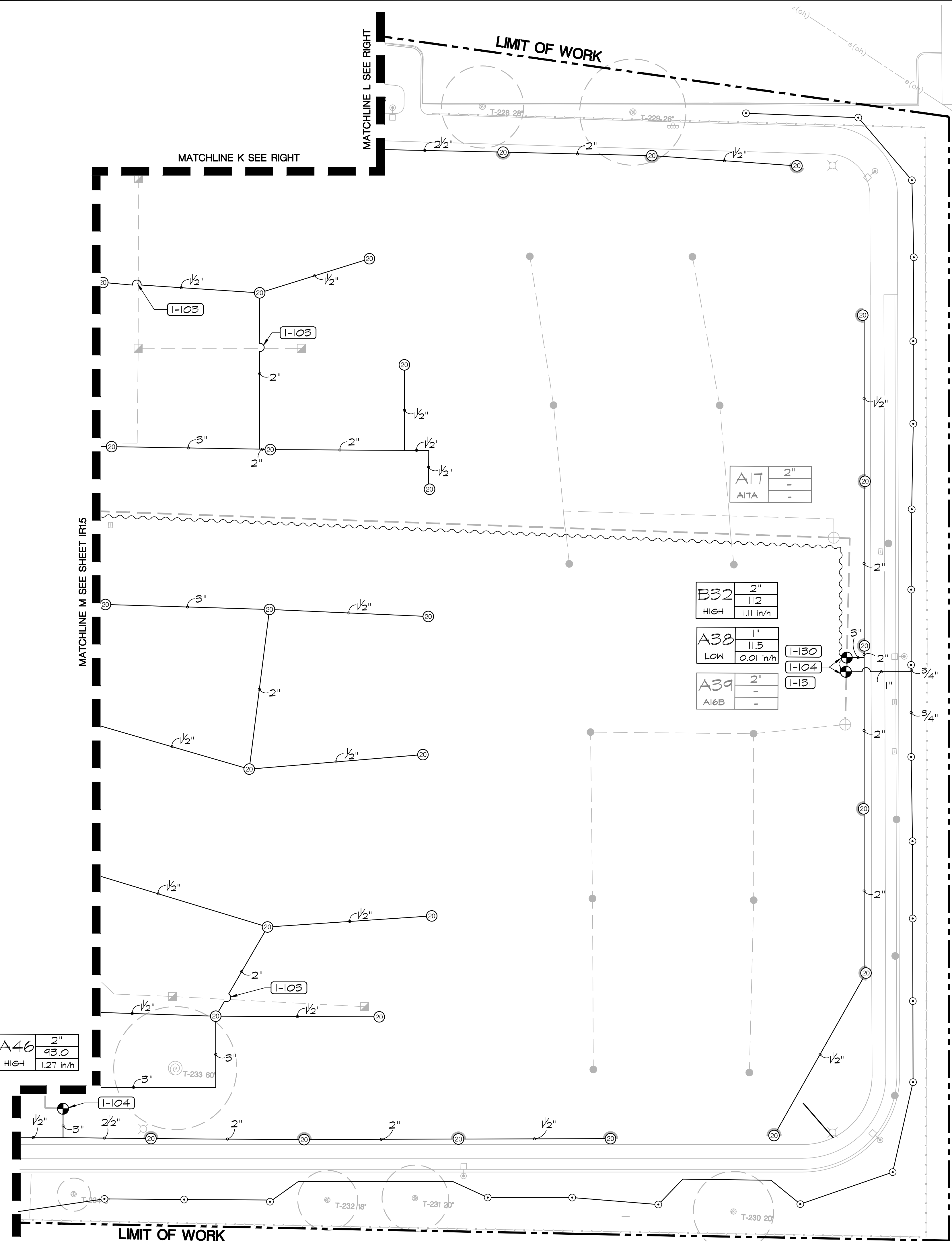


Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

File Path: \\projects\2021\21013_MckinleyParkRenovations\2101318.dwg, Plot Date: 11/16/22, Saved By: Anderson
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.

CALIFORNIA STREET

LIMIT OF WORK



A17	2"
A17A	-

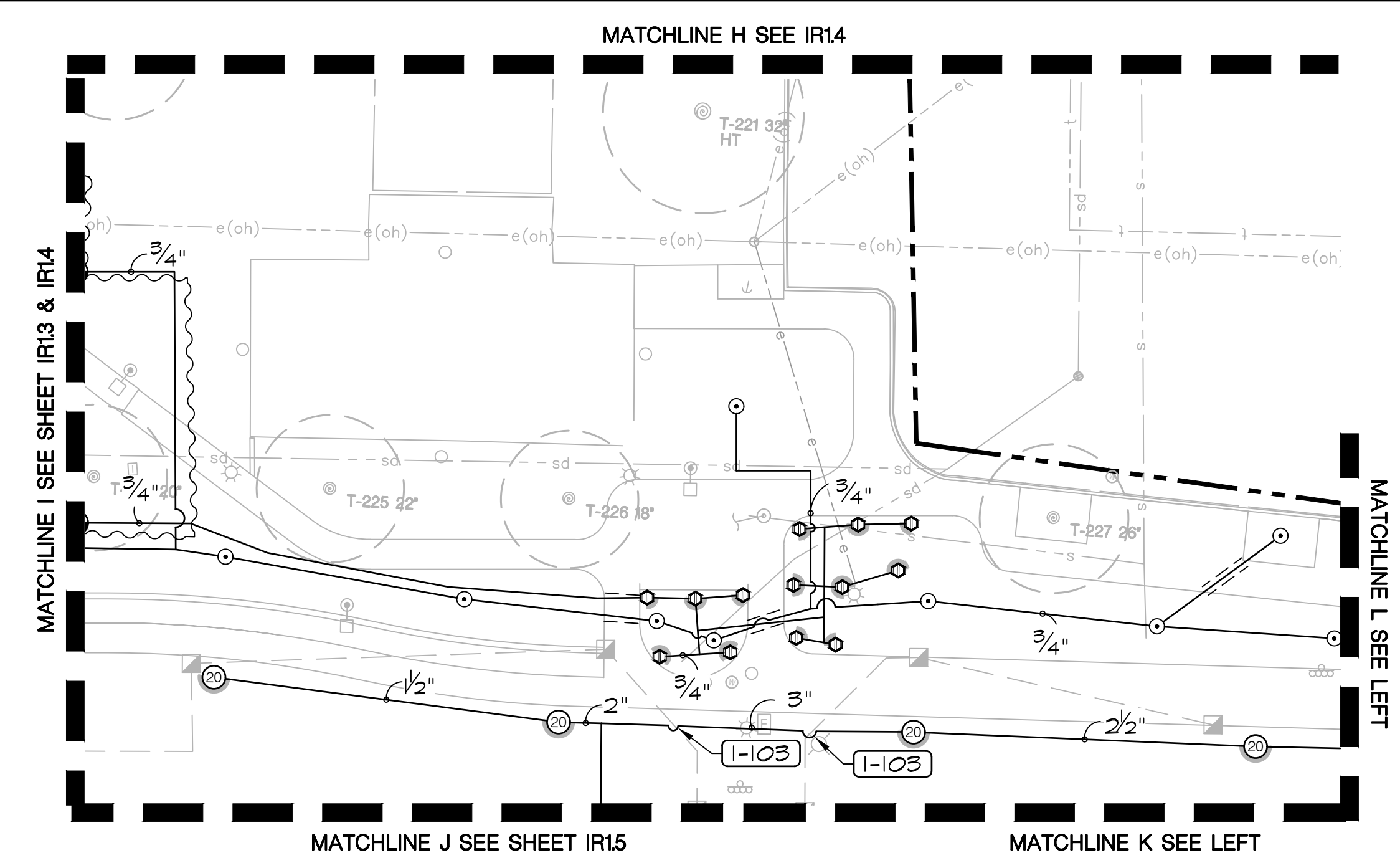
B32	2"
HIGH	1.11 in/h

A38	1"
LOW	0.01 in/h

A39	2"
A16B	-

I-130	
I-104	
I-131	

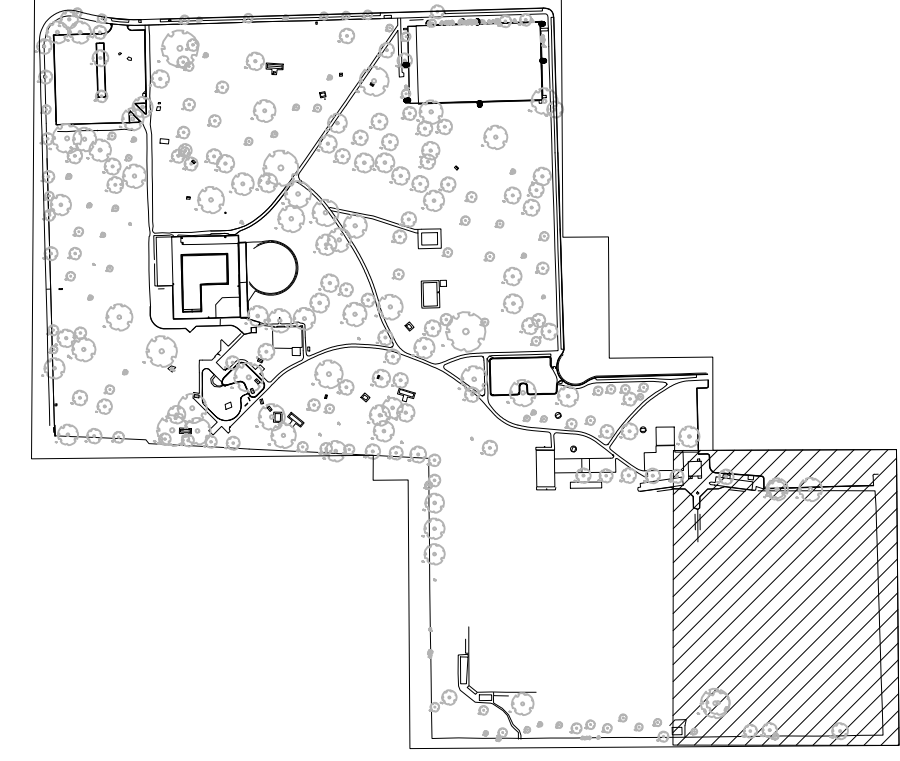
A46	2"
HIGH	1.27 in/h



IRRIGATION KEY NOTES

- | SYMBOL | DESCRIPTION |
|--------|---|
| I-103 | NEW LATERAL LINE CROSSES EXISTING MAINLINE OR LATERAL LINE. CONTRACTOR TO LOCATED EXISTING LINE AND INSTALL NEW LINE WITH CAUTION. ANY EXISTING PIPE DAMAGED AS PART OF CONSTRUCTION OPERATIONS SHALL BE REPLACED/REPAIRED. |
| I-104 | CONNECT NEW VALVE TO EXISTING MAINLINE, MAINLINE LOCATION IS APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION IN FIELD. |
| I-130 | LOCATE WIRES FROM (E) VALVE A15B AND CONNECT TO NEW VALVE A38 |
| I-131 | LOCATE WIRES FROM (E) VALVE A16B AND CONNECT TO NEW VALVE A39 |

KEY MAP



SEE SHEET IR1.0 FOR IRRIGATION NOTES & LEGEND

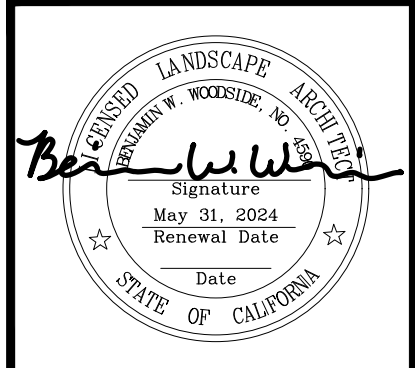
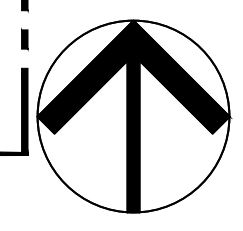
PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		


 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
IRRIGATION PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. IR1.6
SCALE AS SHOWN	DESIGNED BY DCM	CITY ENGINEER	WR21017 PROJECT NO.
DRAWN BY CM	CHECKED BY BW	STOCKTON, CALIFORNIA	62 OF 162 SHTS
RECORD DWGS.			



File Path: \\projects\2021\21013_MckinleyParkRenovations\3_ConstructionDocuments\2101318.dwg Plot Date: 11/16/22 Saved By: Arahman
Copyright © 2020 Callander Associates Landscape Architecture, Inc.

PROJECT INFORMATION

A. DATE: SEE TITLE BLOCK

B. PROJECT APPLICANT: CITY OF STOCKTON

C. PROJECT ADDRESS: 2332 E. ELDERADO, STOCKTON, CA 95206

D. TOTAL IRRIGATED LANDSCAPE AREA: SEE WATER EFFICIENT LANDSCAPE WORKSHEET (THIS SHEET)

E. PROJECT TYPE: PARK, NEW CONSTRUCTION/RENOVATION

F. WATER SUPPLY TYPE: POTABLE, CALIFORNIA WATER SERVICES

G. LANDSCAPE DOCUMENTATION PACKAGE CHECKLIST:

- PROJECT INFORMATION
- WATER EFFICIENT LANDSCAPE WORKSHEET
- SOIL MANAGEMENT REPORT (FURNISH UPON COMPLETION)
- LANDSCAPE DESIGN PLAN (PLANTING PLAN)
- IRRIGATION DESIGN PLAN (IRRIGATION PLAN)
- GRADING DESIGN PLAN (SEE CIVIL PLANS)
- CERTIFICATE OF COMPLETION (FURNISH UPON COMPLETION)
- MAINTENANCE SCHEDULE (THIS SHEET)
- IRRIGATION SCHEDULE (SHEET IRI.T-IRI.B)

H. LANDSCAPE ARCHITECT: **BENJAMIN WOODSIDE** OWNER: **CITY OF STOCKTON**
 12150 TRIBUTARY POINT DRIVE, SUITE 140 GOLD RIVER, CA 95670
 PHONE: (916) 985-4366 **BWOODSIDE@CAVALLEYOFFICE.COM** IVAN.REYNOSO@STOCKTONCA.GOV

RECOMMENDED MAINTENANCE SCHEDULE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRUNING												
TREES												Y
SHRUBS				Q		Q				Q		
GROUND COVER				Q		Q			Q			
IRRIGATION												
VISUAL INSPECTION			W	W	W	W	W	W	W	W	W	W
TEST CLOCK			M	M	M	M	M	M	M	M	M	M
SEASONAL ADJUSTMENT			Q			Q				Q		
WATER AUDIT			Y									
PRESSURE TESTING									Y			
REPAIR			Q			Q				Q		
FERTILIZATION												
APPLICATION				Q			Q				Q	
SOIL ANALYSIS				Y								
WEED/PEST CONTROL												
PEST CONTROL*												
HERBICIDE APPLICATION			Q			Q						
HAND WEEDING			Q		Q		Q		Q		Q	
DEBRIS												
VISUAL INSPECTION	W	W	W	W	W	W	W	W	W	W	W	W
COLLECTION	W	W	W	W	W	W	W	W	W	W	W	W
LANDSCAPING												
REPLACE DEAD PLANTS			Y									
REPLENISH MULCH			Y									

Y = YEARLY, Q = QUARTERLY, M = MONTHLY, W = WEEKLY

*PEST CONTROL MEASURES TO BE IMPLEMENTED PER CITY STANDARD MAINTENANCE PROCEDURES

I AGREE TO COMPLY WITH THE CRITERIA OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE

SIGNATURE

Benjamin Woodside
 BENJAMIN W. WOODSIDE

IRRIGATION SCHEDULE

Valve No.	Description	Plant Water Use (WUCOLS)	GPM Flow	Precip Rate	Irrigation Method	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
						% of July Eto	28%	34%	52%	74%	85%	97%	100%	95%	74%	57%	37%	28%	
A7	Turf	High	44.4	0.81	Spray	Minutes per Cycle	3	4	6	8	9	10	8	6	4	3	2	1	0.4
						Days per Month	20	20	20	20	20	20	20	20	20	20	20	20	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	5	5	5	5	5	5	5	5	5	5	5	5	
						Total Minutes per Month	180	240	360	480	540	600	600	600	600	480	360	240	180
						Total Gallons	7,992	10,656	15,984	21,312	23,776	26,640	26,640	26,640	26,640	21,312	15,984	10,656	7,992
A8	Shrubs	Low	31.1	0.6	Spray	Minutes per Cycle	5	5	5	5	5	5	5	5	5	5	5	5	
						Days per Month	21	21	21	21	21	21	21	21	21	21	21	21	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	2	2	2	2	2	2	2	2	2	2	2	2	
						Total Minutes per Month	60	75	105	150	180	195	195	195	195	150	120	75	60
						Total Gallons	1,866	2,333	3,266	4,665	5,598	6,065	6,065	6,065	6,065	4,665	3,732	2,333	1,866
A10	Trees	High	55.5	0.43	Spray	Minutes per Cycle	5	6	10	13	15	17	18	17	13	10	7	5	5
						Days per Month	21	21	21	21	21	21	21	21	21	21	21	21	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	6	6	6	6	6	6	6	6	6	6	6	6	
						Total Minutes per Month	315	378	630	819	945	1,071	1,134	1,071	819	630	441	315	
						Total Gallons	17,483	20,979	34,765	45,455	52,448	59,441	62,937	59,441	45,455	34,765	24,476	17,483	
A13	Turf	High	111	0.94	Spray	Minutes per Cycle	3	3	3	3	3	3	3	3	3	3	3	3	
						Days per Month	21	21	21	21	21	21	21	21	21	21	21	21	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	6	6	6	6	6	6	6	6	6	6	6	6	
						Total Minutes per Month	189	189	315	378	441	504	504	504	378	315	189	189	
						Total Gallons	20,979	20,979	34,765	41,958	48,951	55,944	55,944	55,944	41,958	34,765	20,979	20,979	
A17	Turf	High	130	1.24	Spray	Minutes per Cycle	20	20	20	20	20	20	20	20	20	20	20	20	
						Days per Month	20	20	20	20	20	20	20	20	20	20	20	20	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	5	5	5	5	5	5	5	5	5	5	5	5	
						Total Minutes per Month	120	180	340	500	560	620	620	620	500	340	240	180	120
						Total Gallons	15,600	23,400	34,000	39,000	46,800	54,600	54,600	54,600	46,800	39,000	31,200	23,400	15,600
A18	Turf	High	74.4	0.52	Spray	Minutes per Cycle	5	6	8	12	13	15	15	15	12	9	6	5	
						Days per Month	20	20	20	20	20	20	20	20	20	20	20	20	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	6	6	6	6	6	6	6	6	6	6	6	6	
						Total Minutes per Month	300	360	480	720	780	900	900	900	780	540	360	300	
						Total Gallons	22,320	26,784	35,712	53,568	58,032	66,960	66,960	66,960	58,032	40,176	26,784	22,320	
A19	Turf	High	112	0.52	Spray	Minutes per Cycle	5	6	8	12	13	15	15	15	12	9	6	5	
						Days per Month	20	20	20	20	20	20	20	20	20	20	20	20	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	6	6	6	6	6	6	6	6	6	6	6	6	
						Total Minutes per Month	300	360	480	720	780	900	900	900	780	540	360	300	
						Total Gallons	33,600	40,320	53,760	80,640	87,360	100,800	100,800	100,800	87,360	60,480	40,320	33,600	
A22	Turf	High	55.5	0.91	Spray	Minutes per Cycle	3	3	3	3	3	3	3	3	3	3	3	3	
						Days per Month	22	22	22	22	22	22	22	22	22	22	22	22	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	6	6	6	6	6	6	6	6	6	6	6	6	
						Total Minutes per Month	198	198	330	396	462	528	528	528	396	330	198	198	
						Total Gallons	10,989	10,989	18,315	21,978	25,641	29,304	29,304	29,304	21,978	18,315	10,989	10,989	
A23	Shrubs	Low	12.6	0.87	Spray	Minutes per Cycle	3	4	5	7	8	9	9	9	7	6	4	3	
						Days per Month	3	5	5	5	5	5	5	5	5	5	5	3	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	2	2	2	2	2	2	2	2	2	2	2	2	
						Total Minutes per Month	45	60	75	105	120	135	135	135	105	90	60	45	
						Total Gallons	567	756	945	1,323	1,512	1,701	1,701	1,701	1,323	1,134	756	567	
B28	Trees	Low	4	1.7	Bubbler	Minutes per Cycle	5	5	5	5	5	5	5	5	5	5	5	5	
						Days per Month	5	5	5	5	5	5	5	5	5	5	5	5	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	2	2	2	2	2	2	2	2	2	2	2	2	
						Total Minutes per Month	30	30	45	60	60	75	75	75	60	45	30	30	
						Total Gallons	120	120	180	240	240	300	300	300	240	180	120	120	
B29	Trees	Medium	3	1.7	Bubbler	Minutes per Cycle	2	2	2	2	2	2	2	2	2	2	2	2	
						Days per Month	18	18	18	18	18	18	18	18	18	18	18	18	
						Cycles per Day	2	2	2	2	2	2	2	2	2	2	2	2	
						Days Per Week (max)	5	5	5	5	5	5	5	5	5	5	5	5	
						Total Minutes per Month	36	36	54	72	72	90	90	90	72	54	36	36	
						Total Gallons	216	216	324	432	432	540	540	540	432	324	216	216	
B30	Turf	High	130	0.53	Spray	Minutes per Cycle	4	5	8	11	13	14	15	14	11	9	6	4	
						Days per Month	31	31	31	31	31	31	31	31	31	31	31	31	
						Cycles per Day	2	2	2	2	2	2	2	2	2	2	2	2	
						Days Per Week (max)	6	6	6	6	6	6	6	6	6	6	6	6	
						Total Minutes per Month	248	310	494	682	804	868	930	868	682	558	372	248	

IRRIGATION SCHEDULE (CONT.)

Valve No.	Description	Plant Water Use (WUCOLS)	GPM Flow	Precip Rate	Irrigation Method	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
A46	Turf	High	93	1.27	Spray	Stackion	0.8	1.5	2.9	4.7	6.2	7.4	8.1	6.8	5.3	3.2	1.4	0.6	0.6				
						% of July Eta	28%	34%	52%	74%	86%	97%	100%	95%	74%	57%	37%	28%	28%	28%	28%	28%	
						Minutes per Cycle	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
						Days per Month	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
						Days Per Week (max)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
						Total Minutes per Month	120	180	240	300	360	420	480	540	600	660	720	780	840	900	960	1020	1080
						Total Gallons	11,140	16,740	22,320	27,900	33,480	39,060	44,640	50,220	55,800	61,380	66,960	72,540	78,120	83,700	89,280	94,860	100,440
						Minutes per Cycle	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
						Days per Month	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
						Days Per Week (max)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Minutes per Month	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36						
Total Gallons	806	806	1,210	1,613	2,014	2,014	2,014	2,014	1,613	1,210	806	806	806	806	806	806	806						

Valve No.	Description	Plant Water Use (WUCOLS)	GPM Flow	Precip Rate	Irrigation Method	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
B20	Shrubs	Low	6.31	0.46	Spray	Stackion	0.8	1.5	2.9	4.7	6.2	7.4	8.1	6.8	5.3	3.2	1.4	0.6					
						% of July Eta	28%	34%	52%	74%	86%	97%	100%	95%	74%	57%	37%	28%	28%	28%	28%		
						Minutes per Cycle	5	4	9	13	15	17	17	13	10	7	5	5	5	5	5	5	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
						Days per Month	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
						Total Minutes per Month	75	70	135	195	225	255	255	195	150	120	75	75	75	75	75	75	
						Total Gallons	473	568	832	1,230	1,420	1,609	1,609	1,230	947	643	473	473	473	473	473	473	
						Minutes per Cycle	2	2	3	5	5	6	6	5	4	3	2	2	2	2	2	2	
						Days per Month	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
						Cycles per Day	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
						Days Per Week (max)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Total Minutes per Month	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36							
Total Gallons	637	637	956	1,593	1,593	1,912	1,912	1,593	1,274	956	637	637	637	637	637	637							

File Path: \\projects\2011\21013_MckinleyParkRenovations\2101318.dwg Plot Date: 11/16/22. Saved By: Anderson Copyright © 2020 Callander Associates Landscape Architecture, Inc.



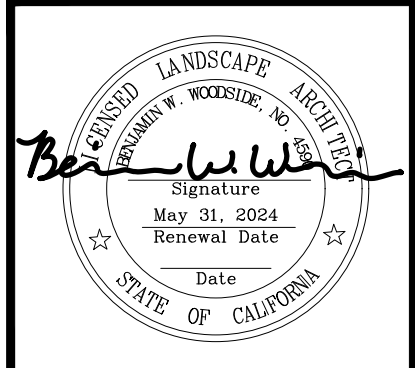
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

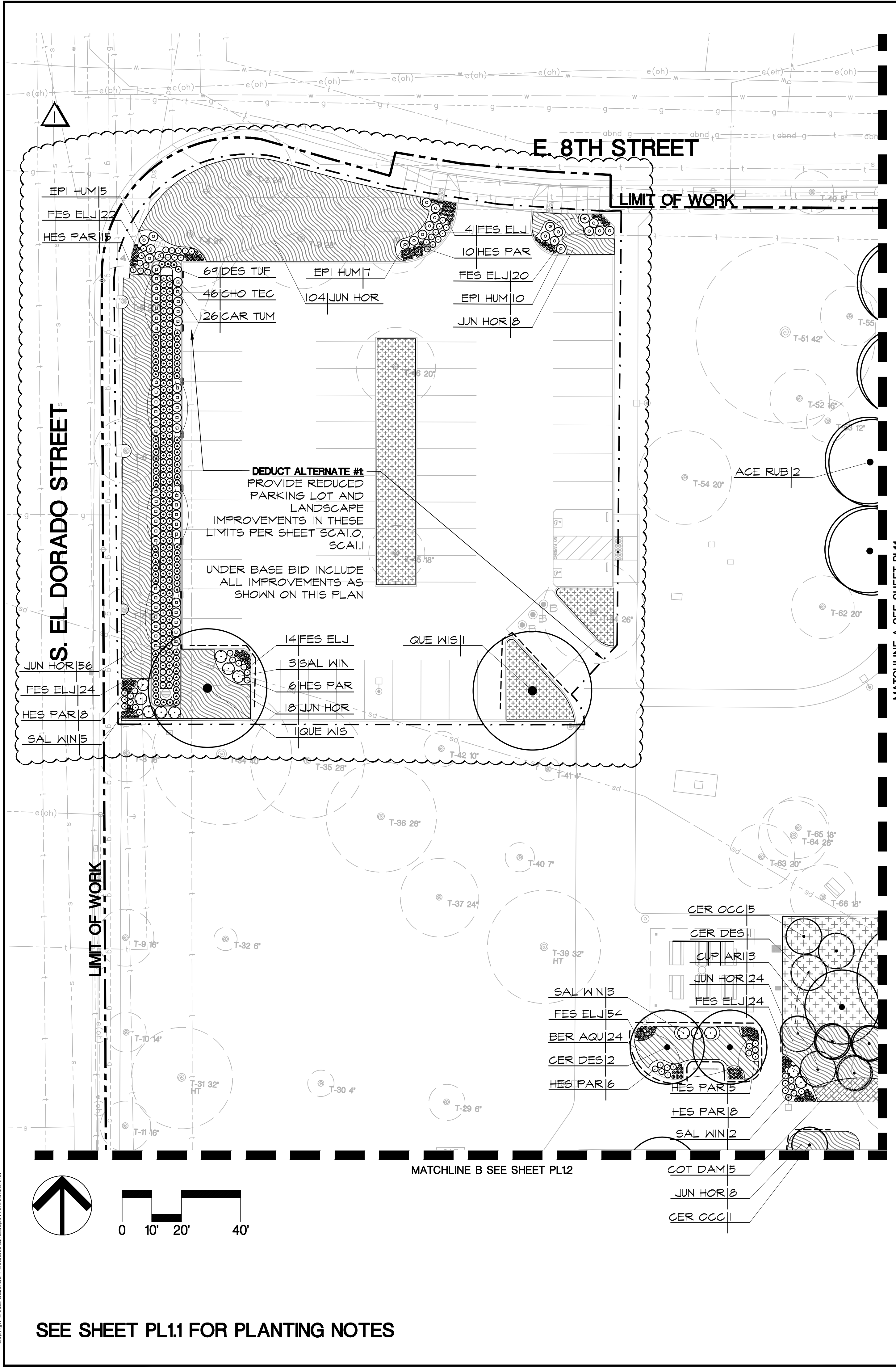
MCKINLEY PARK RENOVATIONS PROJECT

IRRIGATION SCHEDULE

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	IR 1.8
DRAWN BY	CM		64 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.





PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	SIZE	WUGOLS	SPACING
ACE RUB	ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE	15 GAL	MED	
CER DES	CERCIDIUM X 'DESERT MUSEUM' / DESERT MUSEUM PALO VERDE	15 GAL	LOW	
CER OCC	CERCIS OCCIDENTALIS / WESTERN REDBUD MULTI-TRUNK	24" BOX	V LOW	
CUP ARI	CUPRESSUS ARIZONICA GLABRA 'BLUE PYRAMID' / BLUE PYRAMID ARIZONA CYPRESS	15 GAL	V LOW	
OLE SWA	OLEA EUROPAEA 'SWAN HILL' / SWAN HILL OLIVE	24" BOX	V LOW	
QUE LOB	QUERCUS LOBATA / VALLEY OAK	24" BOX	LOW	
QUE WIS	QUERCUS WISLIZENII / INTERIOR LIVE OAK	15 GAL	LOW	
CHI TAS	X CHITALPA TASHKENTENSIS 'PINK DAWN' / PINK DAWN CHITALPA	15 GAL	LOW	

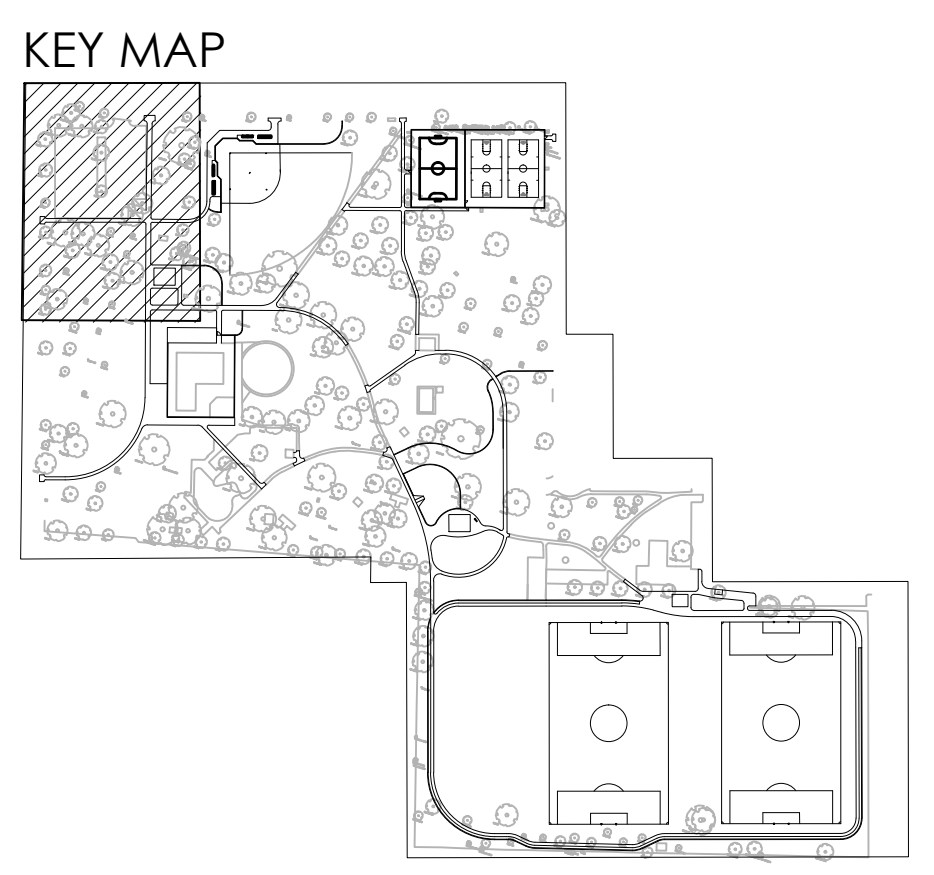
SHRUBS	BOTANICAL / COMMON NAME	SIZE	WUGOLS	SPACING
EPI HUM	EPILOBIUM CANUM / CALIFORNIA FUCHSIA	5 GAL	LOW	36" o.c.
FES ELJ	FESTUCA GLAUCA 'ELIJAH BLUE' / ELIJAH BLUE FESCUE	1 GAL	LOW	12" o.c.
HES PAR	HESPERALOE PARVIFLORA 'PERFA' / BRAKELIGHTS RED YUCCA	5 GAL	LOW	24" o.c.
LOM LON	LOMANDRA LONGIFOLIA 'BREEZE' / BREEZE MAT RUSH	5 GAL	LOW	48" o.c.
OLE EUR	OLEA EUROPAEA 'LITTLE OLLIE' / LITTLE OLLIE OLIVE	5 GAL	LOW	48" o.c.
RHA IND	RHAPHIOLEPIS INDICA 'CLARA' / CLARA INDIAN HAWTHORN	5 GAL	LOW	48" o.c.
SAL WIN	SALVIA CLEVELANDII 'WINIFRED GILLMAN' / WINIFRED GILLMAN CLEVELAND SAGE	5 GAL	LOW	48" o.c.

GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	WUGOLS	SPACING
BER AGU	BERBERIS AQUIFOLIUM REPENS / CREEPING OREGON GRAPE	5 GAL	LOW	48" o.c.
CAR DIV	CAREX DIVULSA / EUROPEAN GREY SEDGE	1 GAL	LOW	24" o.c.
COT DAM	COTONEASTER DAMMERI 'LOWFAST' / LOWFAST BEARBERRY COTONEASTER	5 GAL	LOW	72" o.c.
JUN HOR	JUNIPERUS HORIZONTALIS 'BLUE CHIP' / BLUE CHIP JUNIPER	5 GAL	LOW	60" o.c.

NOTE: PROJECT FUNDING REQUIRES A PORTION OF WORK TO BE COMPLETED BY THE LOCAL CONSERVATION CORPS. THE CITY HAS CONTRACTED WITH THE GREATER VALLEY CONSERVATION CORPS (GVCC) TO INSTALL NEW PROJECT TREES. CONTRACTOR SHALL COORDINATE, REVIEW WORK PERFORMED BY GVCC, PROVIDE ALL TREES AND MATERIALS RELATED TO TREE PLANTING AND SHALL MAINTAIN AND GUARANTEE ALL PLANTING IN ACCORDANCE WITH THE SPECIFICATIONS. GVCC WILL DIG AND PREPARE PLANT PITS AND PLANT TREES PROVIDED BY THE CONTRACTOR.

I AGREE TO COMPLY WITH THE CRITERIA OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE

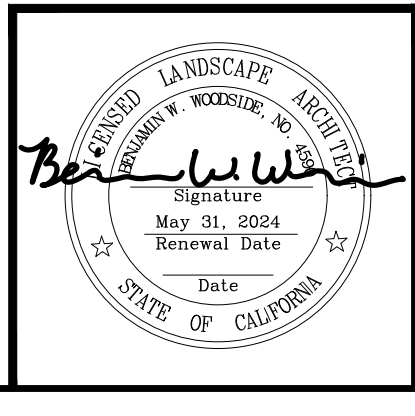
SIGNATURE: *Benjamin W. Woodside* BENJAMIN W. WOODSIDE



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

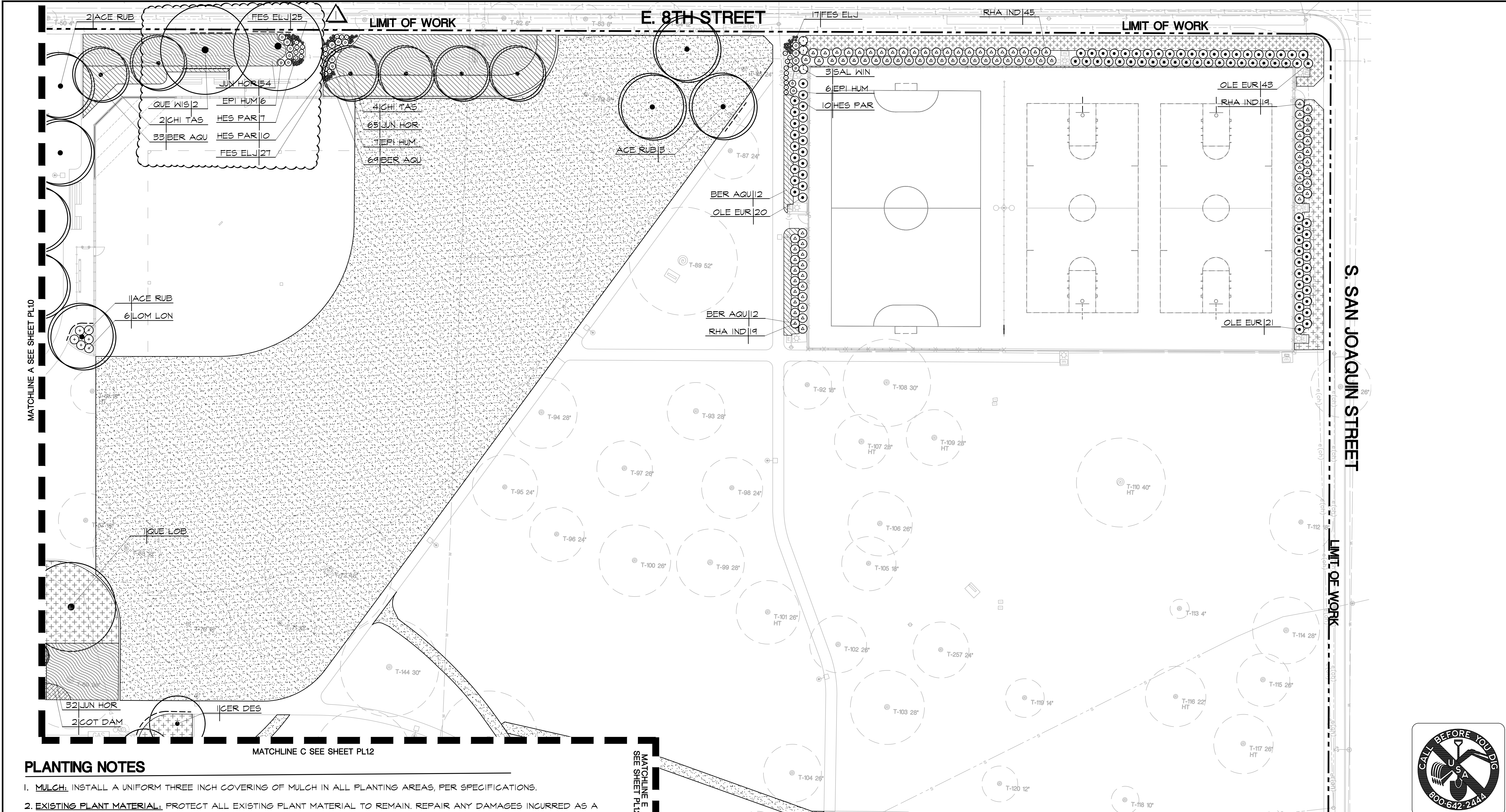
MCKINLEY PARK RENOVATIONS PROJECT	
PLANTING PLAN	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY DCM	DATE
DRAWN BY CM	
CHECKED BY BW	CITY ENGINEER
RECORD DWGS.	STOCKTON, CALIFORNIA
SHEET NO. PL1.0	65 OF 162 SHTS
WR21017	PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



SEE SHEET PL1.1 FOR PLANTING NOTES

File Path: \\p:\projects\2021\21013_MckinleyParkRenovations\21013_PL1.dwg Plot Date: 11/14/22 Speed By: jacobson Copyright © 2022 Callander Associates Landscape Architecture, Inc.

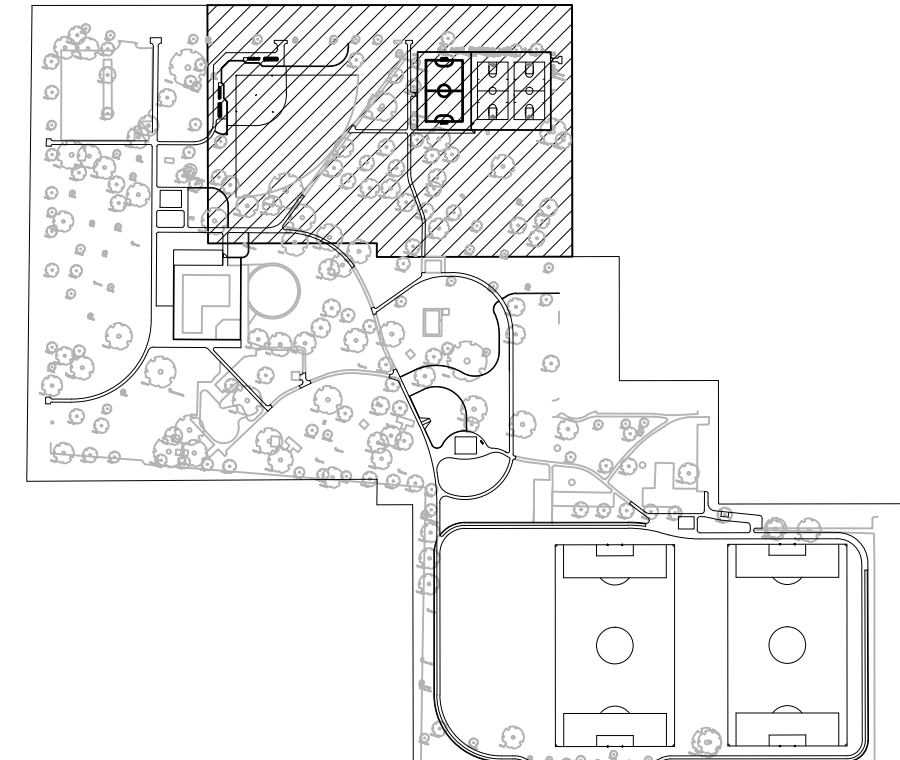


PLANTING NOTES

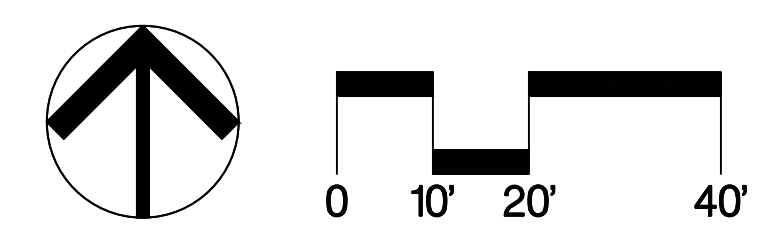
1. **MULCH:** INSTALL A UNIFORM THREE INCH COVERING OF MULCH IN ALL PLANTING AREAS, PER SPECIFICATIONS.
2. **EXISTING PLANT MATERIAL:** PROTECT ALL EXISTING PLANT MATERIAL TO REMAIN. REPAIR ANY DAMAGES INCURRED AS A DIRECT RESULT OF THIS CONTRACT TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST.
3. **GROUND COVER:** PROVIDE GROUND COVER AT INDICATED ON-CENTER SPACING THROUGHOUT ALL AREAS TO BE PLANTED. GROUND COVER SHALL BE PROVIDED UP TO THE WATERING BASIN OF ALL TREES AND SHRUBS.
4. **QUANTITIES:** THE QUANTITIES SHOWN ON THE LABELS ARE NOT TO BE CONSTRUED AS THE COMPLETE AND ACCURATE LIMITS OF THE CONTRACT. FURNISH AND INSTALL ALL PLANTS SHOWN SCHEMATICALLY ON THE DRAWINGS.
5. **SOILS TESTING:** SEE SPECIFICATIONS FOR TESTING OF TOPSOIL AND AMENDMENTS. IN ADDITION, CONTRACTOR SHALL SUBMIT A FIVE GALLON SAMPLE OF NATIVE TOPSOIL FROM ANY AREAS PREVIOUSLY COVERED BY PAVING, TO WAYPOINT ANALYTICAL OF ANAHEIM, (714) 282-8777, FOR CONTAMINATION TESTING. TESTING REQUIRES FOUR TO FIVE WEEKS. CONTRACTOR SHALL ALLOW SUFFICIENT TIME FOR TESTING PRIOR TO CONSTRUCTION.
6. **TURF REPAIR:** CONTRACTOR TO REPLACE ALL TURF DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO IRRIGATION TRENCHING OR EXCAVATION FOR FORMWORK OR CONCRETE PAVEMENT AND CURBS WITH TURF FROM SOD.
7. **NEW PLANTERS:** PROVIDE IMPORT TOPSOIL TO A DEPTH OF 24" (COMPACTED IN PLACE) IN ALL NEW PREVIOUSLY PAVED, PLANTERS.

SEE SHEET PL1.0 FOR PLANTING SCHEDULE

KEY MAP



MATCHLINE D SEE SHEET PL13

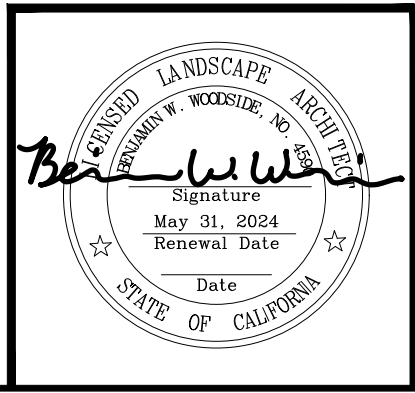


12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 CALA
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PLANTING PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	PL1.1
DRAWN BY	CM		66 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

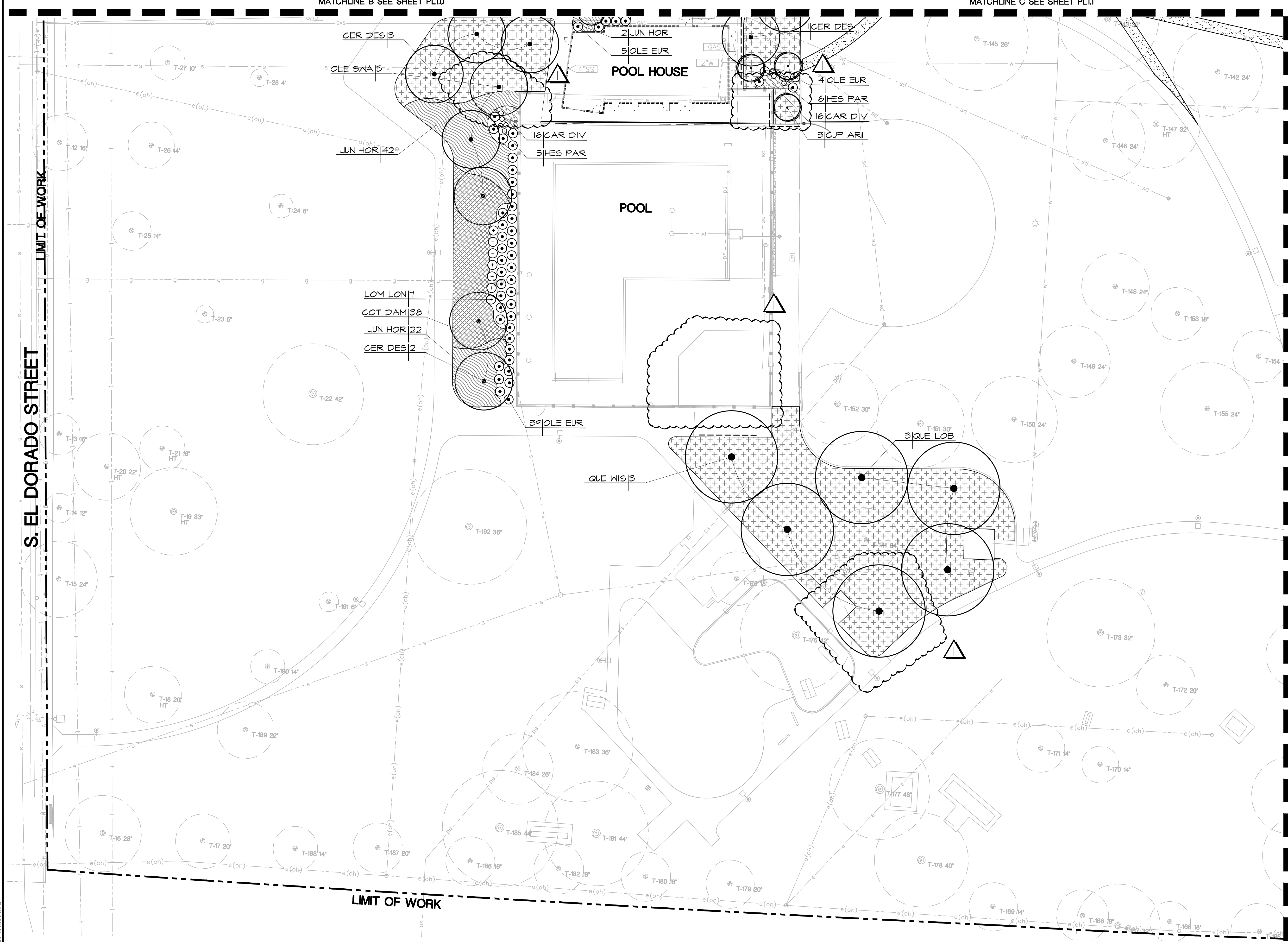
Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



File Path: \\projects\2023\21013_MckinleyParkRenovations\3_Civil\Drawings\21013_PL1.dwg Plot Date: 11/15/22 Saved By: AJohnson
 Copyright © 2023 Callander Associates Architecture, Inc.

MATCHLINE B SEE SHEET PL10

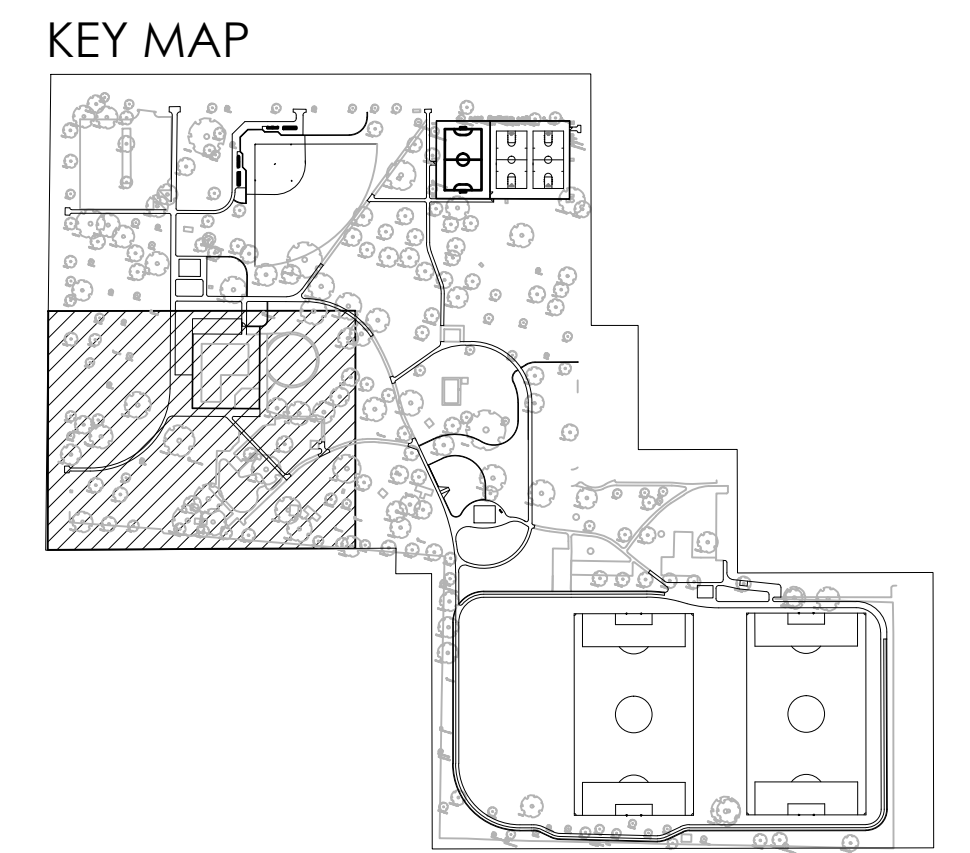
MATCHLINE C SEE SHEET PL11



S. EL DORADO STREET

SEE SHEET PL1.0 FOR PLANTING SCHEDULE
SEE SHEET PL1.1 FOR PLANTING NOTES

MATCHLINE E SEE SHEET PL13

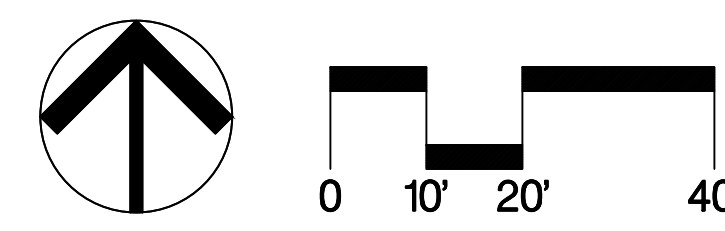



 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PLANTING PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	PL 1.2
DRAWN BY	CM		67 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

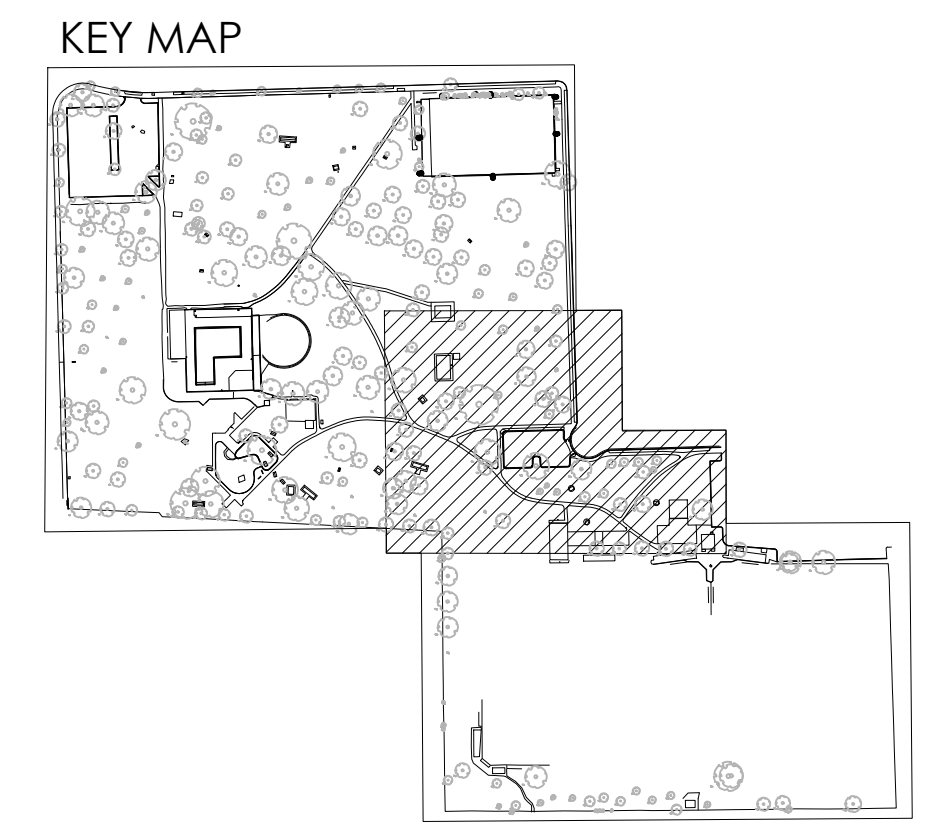
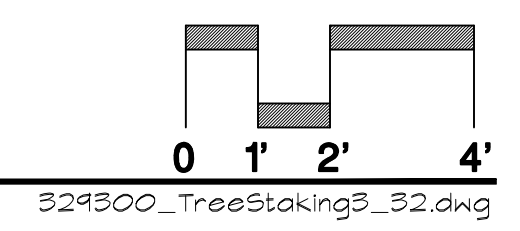
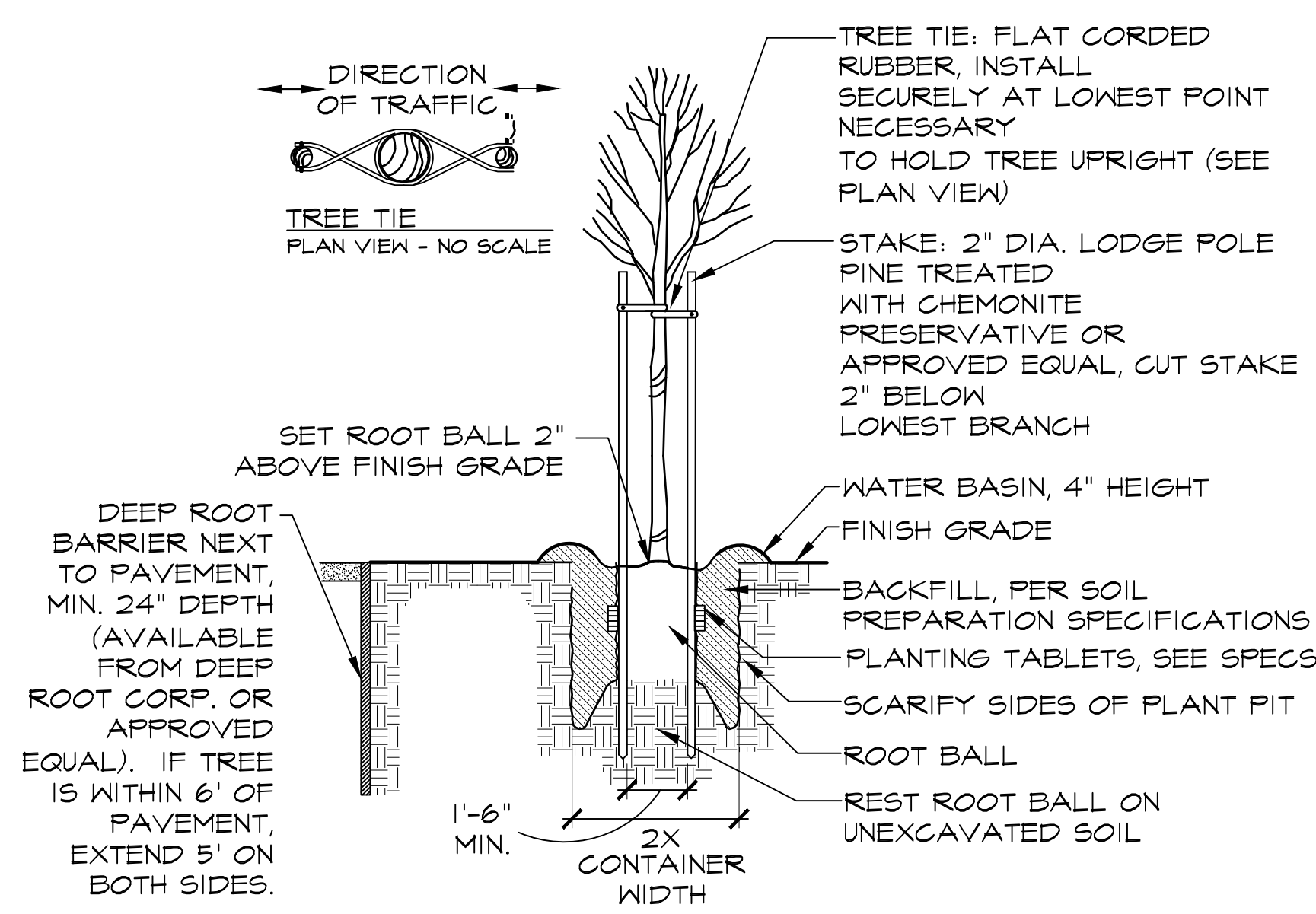
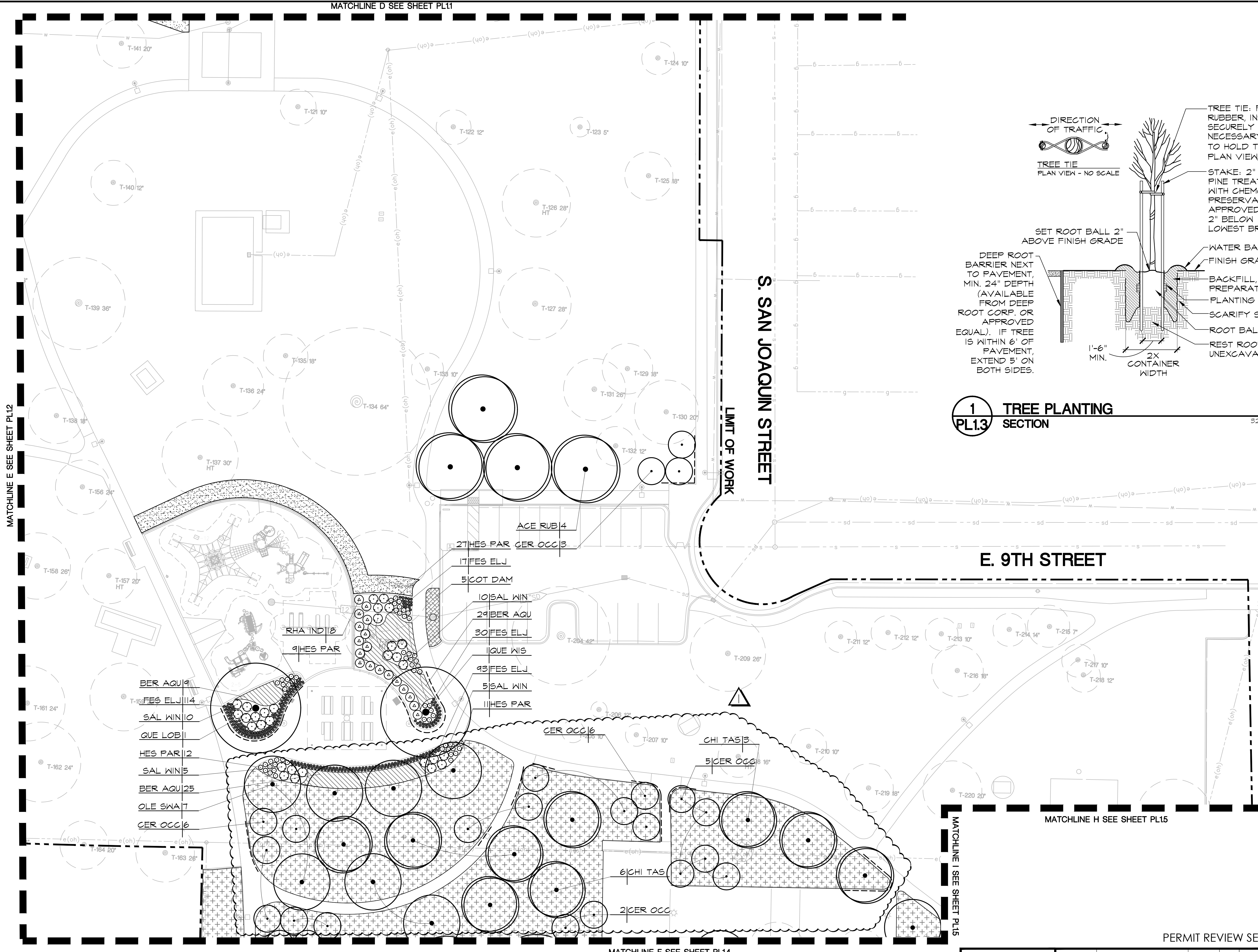
Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



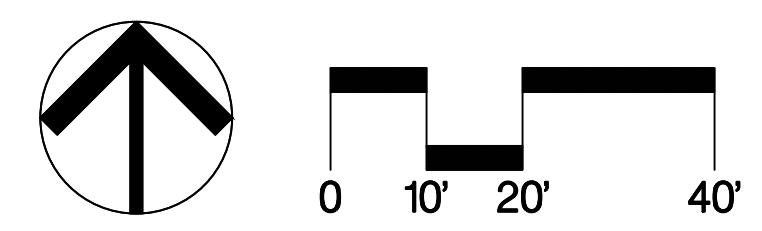
File Path: \\p:\projects\2021\21013_MCKINLEY_PARK_RENOVATIONS\21013_PL1.dwg Plot Date: 11/14/22 Saved By: hudson
 Copyright © 2020 Calandra Associates Architecture, Inc.

MATCHLINE D SEE SHEET PL11

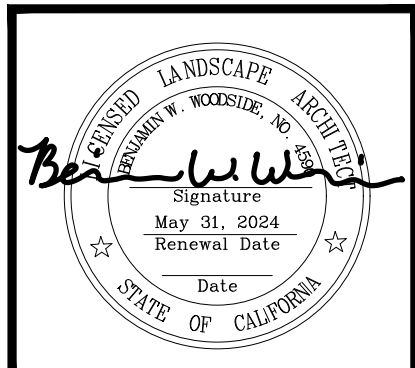
MATCHLINE E SEE SHEET PL12



SEE SHEET PL1.0 FOR PLANTING SCHEDULE
SEE SHEET PL1.1 FOR PLANTING NOTES



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		



CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PLANTING PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY DCM	
DRAWN BY CM	
CHECKED BY BW	CITY ENGINEER
RECORD DWGS.	STOCKTON, CALIFORNIA
SHEET NO. PL1.3	
68 OF 162 SHTS	
WR21017	
PROJECT NO.	

MATCHLINE F SEE SHEET PL13

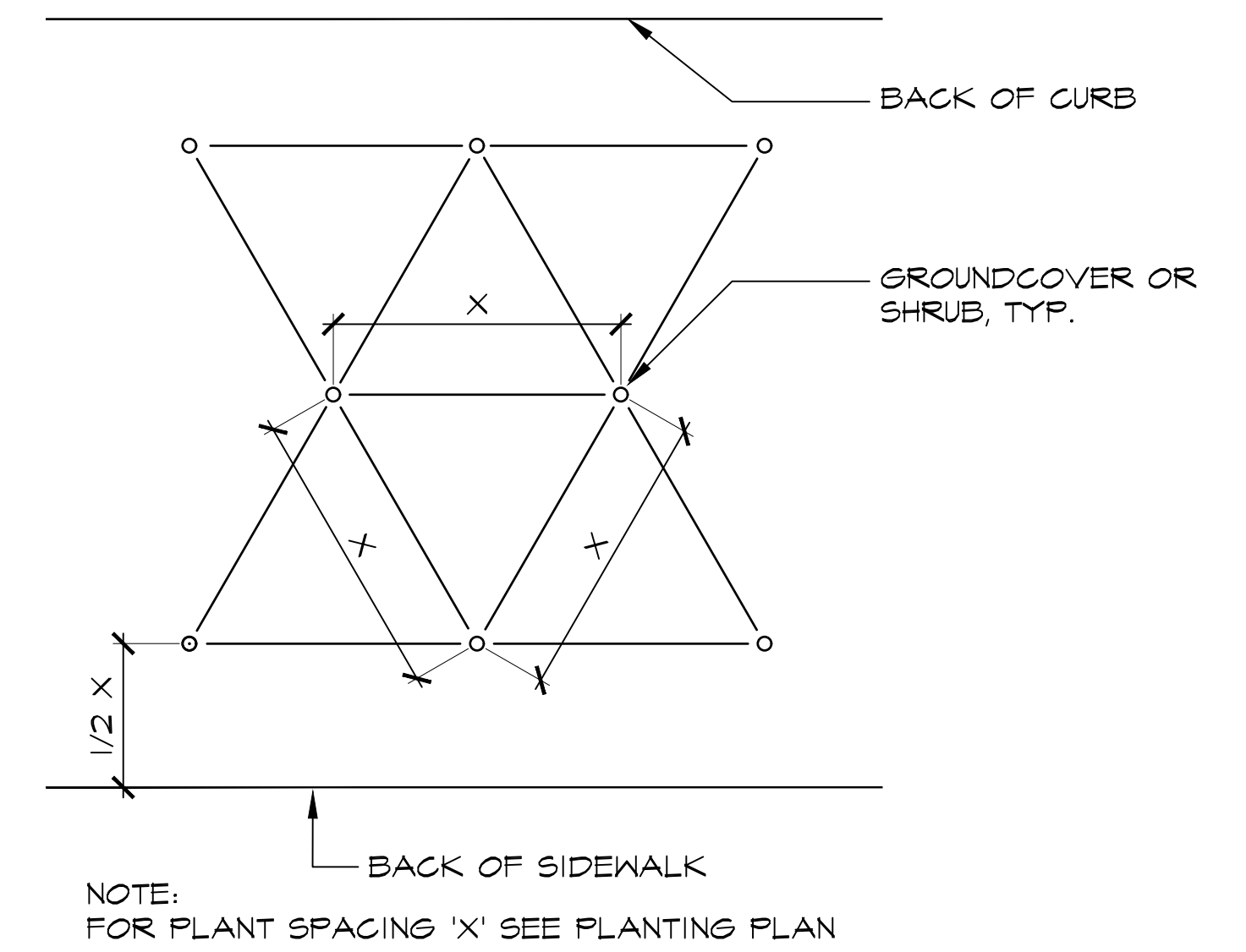
MATCHLINE I SEE SHEET PL15

MATCHLINE J SEE SHEET PL15

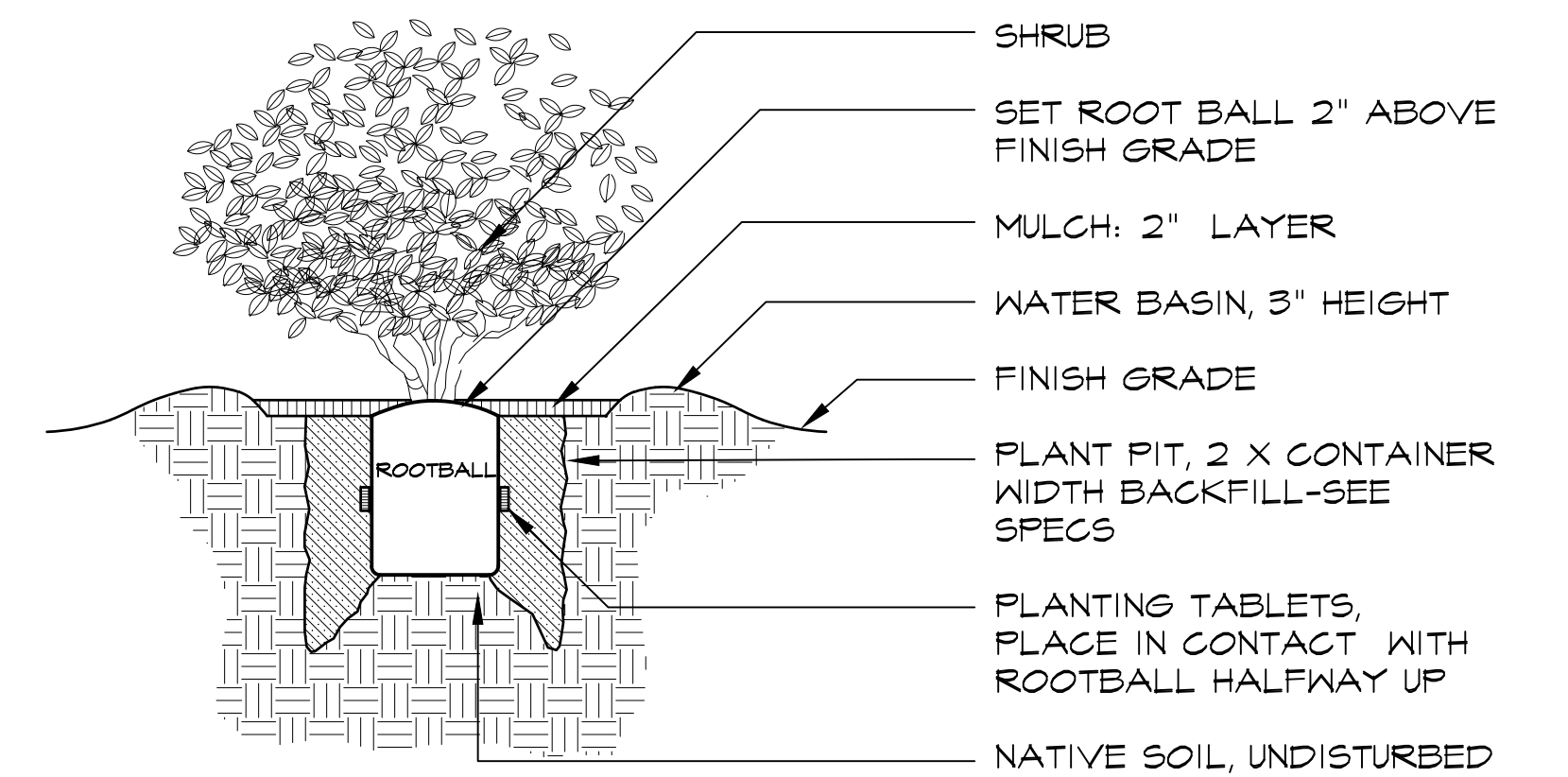
MATCHLINE M SEE SHEET PL5

LIMIT OF WORK

LIMIT OF WORK

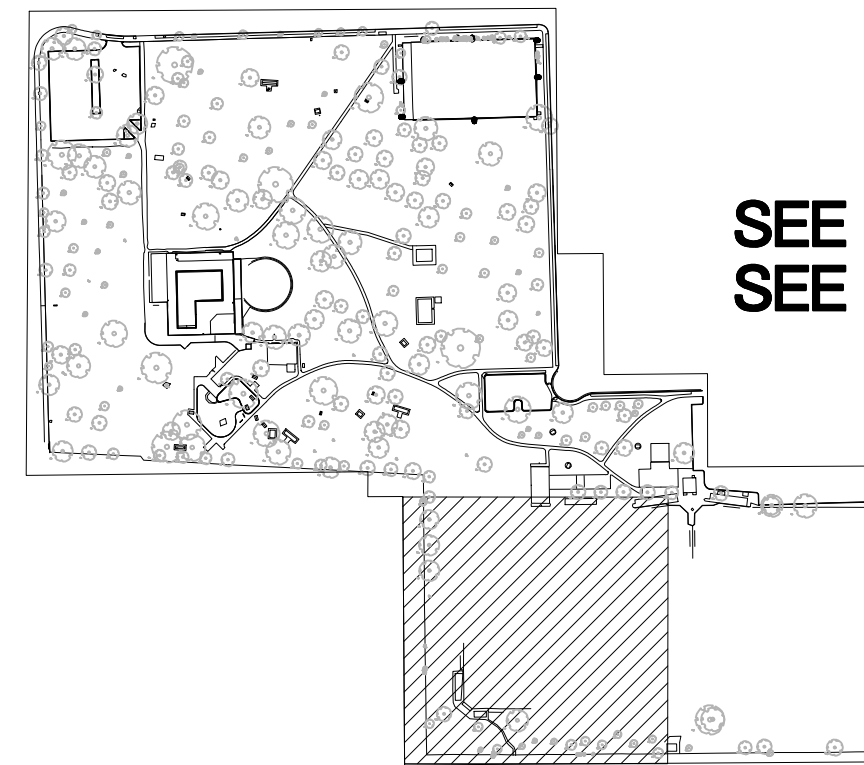


1 **SHRUB/ GROUNDCOVER SPACING**
PL1.4 **PLAN** 324300_GroundcoverSpacing_4B.dwg

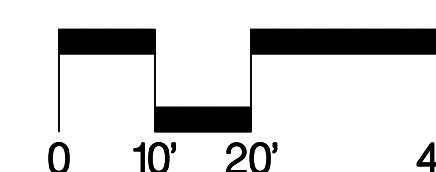
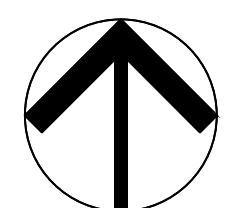


2 **SHRUB PLANTING**
PL1.4 **SECTION** N.T.S.
324300_ShrubPlanting_4B.dwg

KEY MAP



SEE SHEET PL1.0 FOR PLANTING SCHEDULE
 SEE SHEET PL1.1 FOR PLANTING NOTES

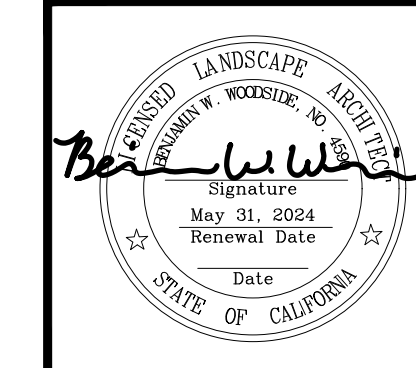


PERMIT REVIEW SET

CALA 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

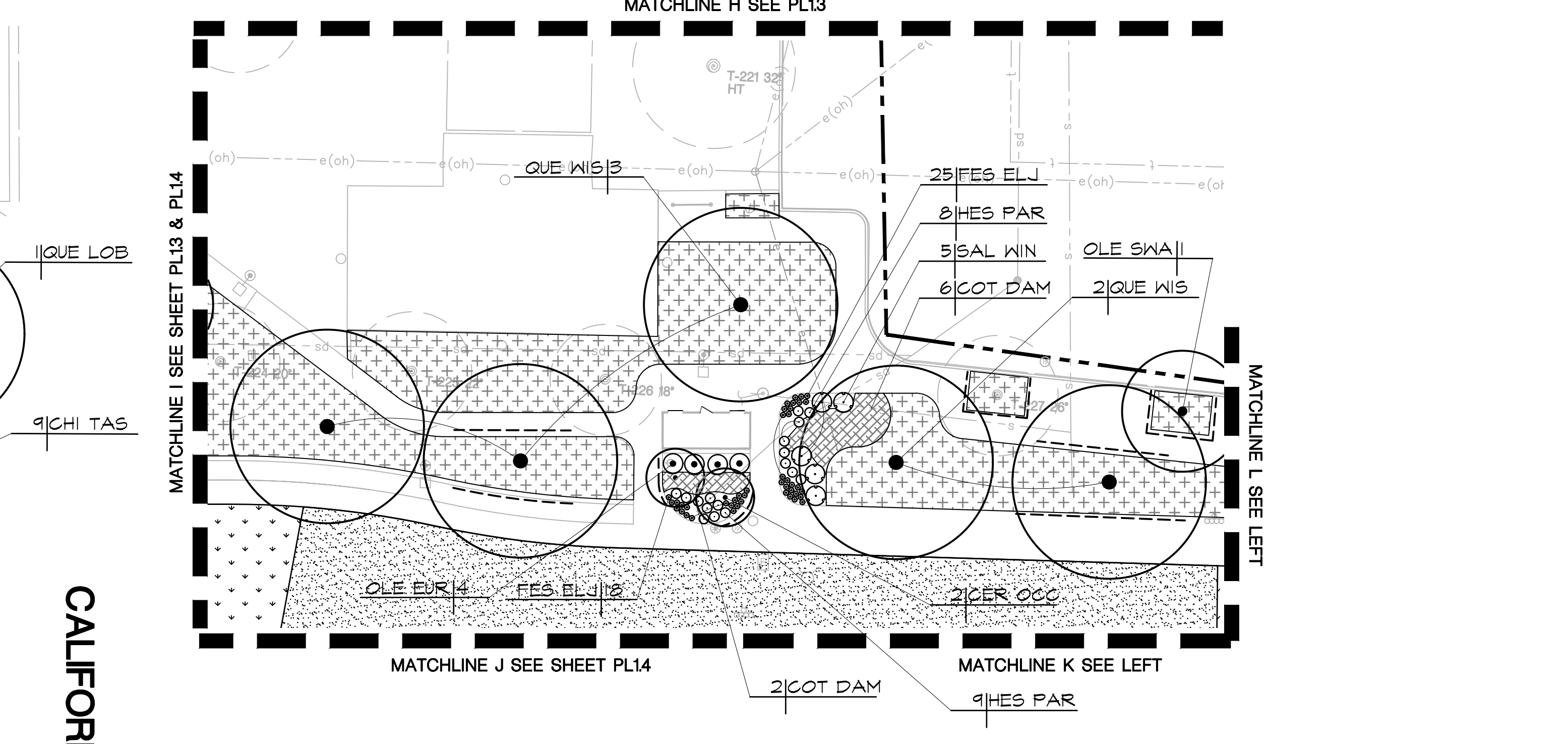
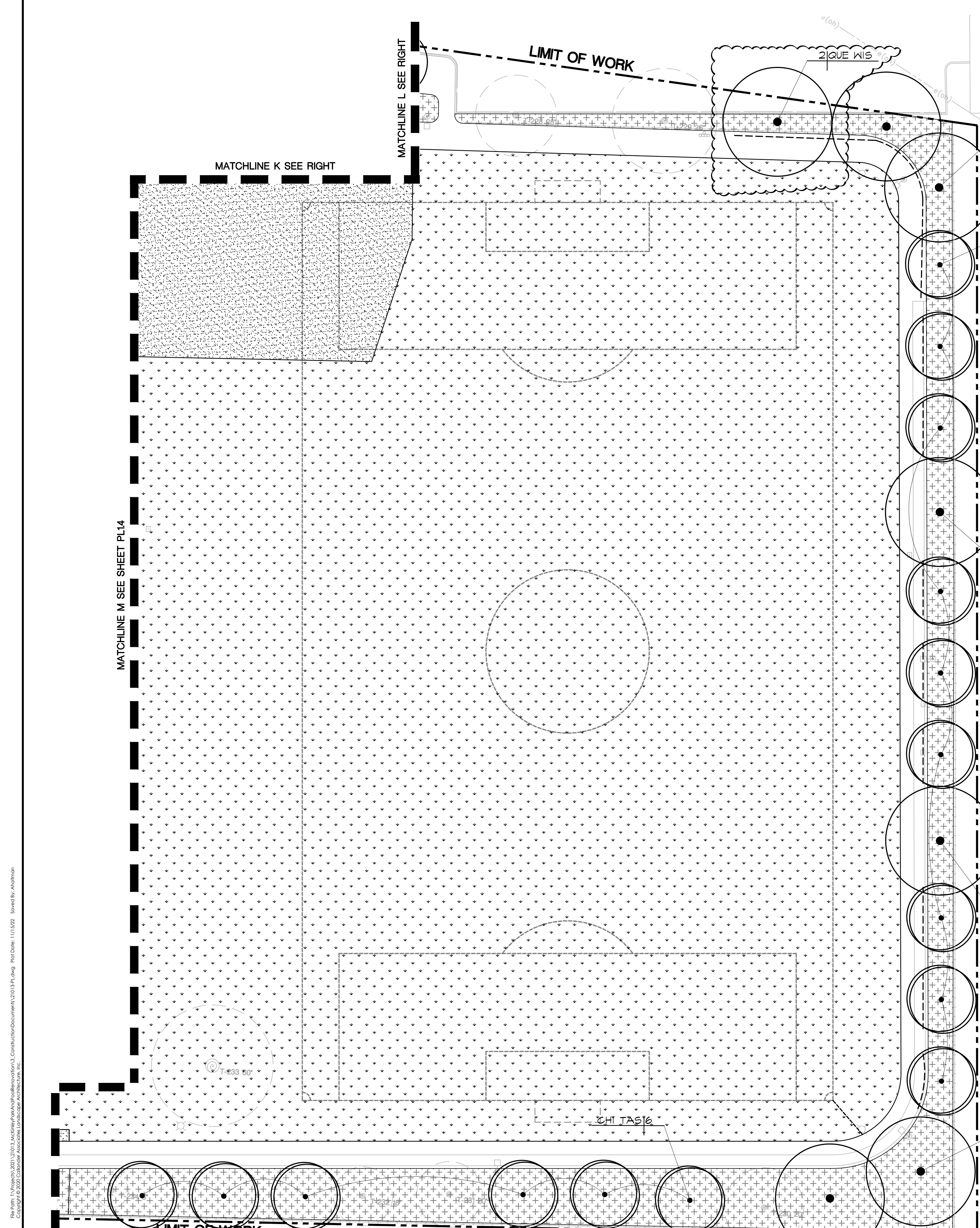
MCKINLEY PARK RENOVATIONS PROJECT
PLANTING PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: _____ DATE _____	SHEET NO. PL 1.4 69 OF 162 SHTS
SCALE AS SHOWN	DESIGNED BY DCM	CITY ENGINEER	WR21017
DRAWN BY CM	CHECKED BY BW	STOCKTON, CALIFORNIA	PROJECT NO.
RECORD DWGS.			

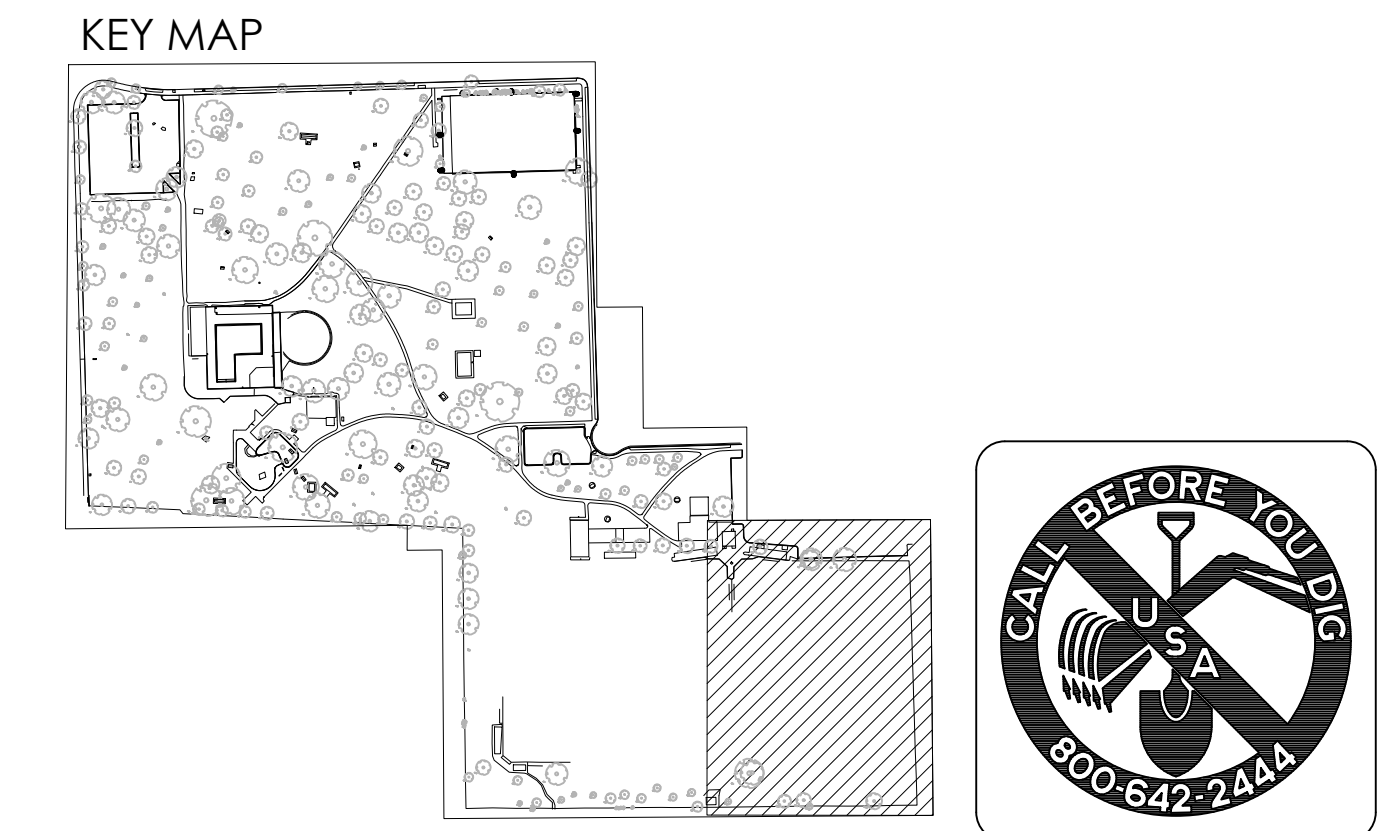


Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

File Path: N:\Projects\2023\21013_MckinleyParkRenovations\21013.dwg Plot Date: 11/14/22 Saved By: AAbraham
 Copyright © 2023 Callander Associates Landscape Architecture, Inc.



CALIFORNIA STREET



SEE SHEET PL1.0 FOR PLANTING SCHEDULE
SEE SHEET PL1.1 FOR PLANTING NOTES

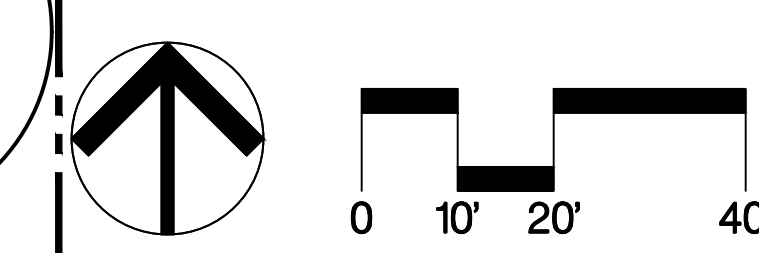
PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

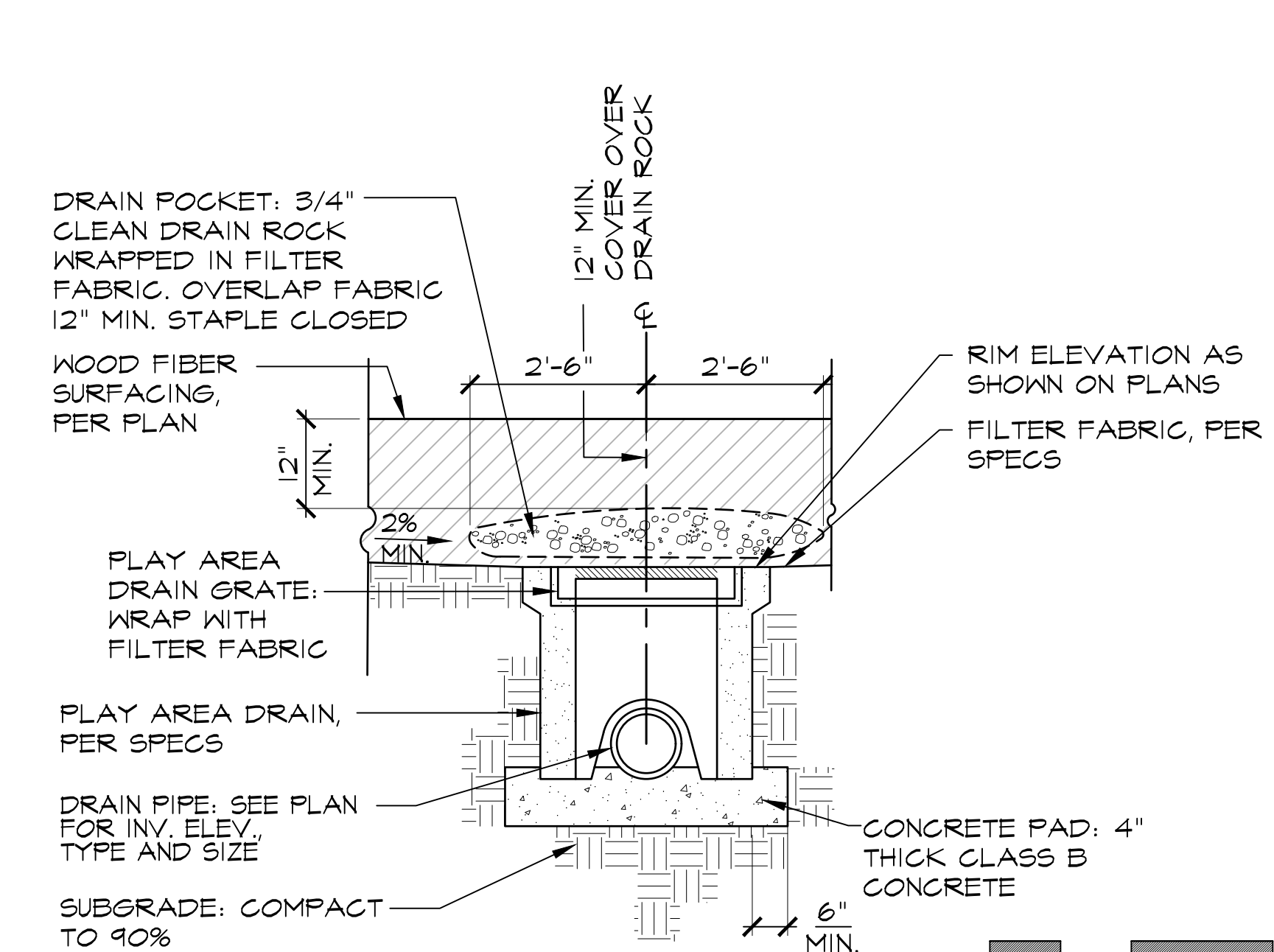

 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PLANTING PLAN

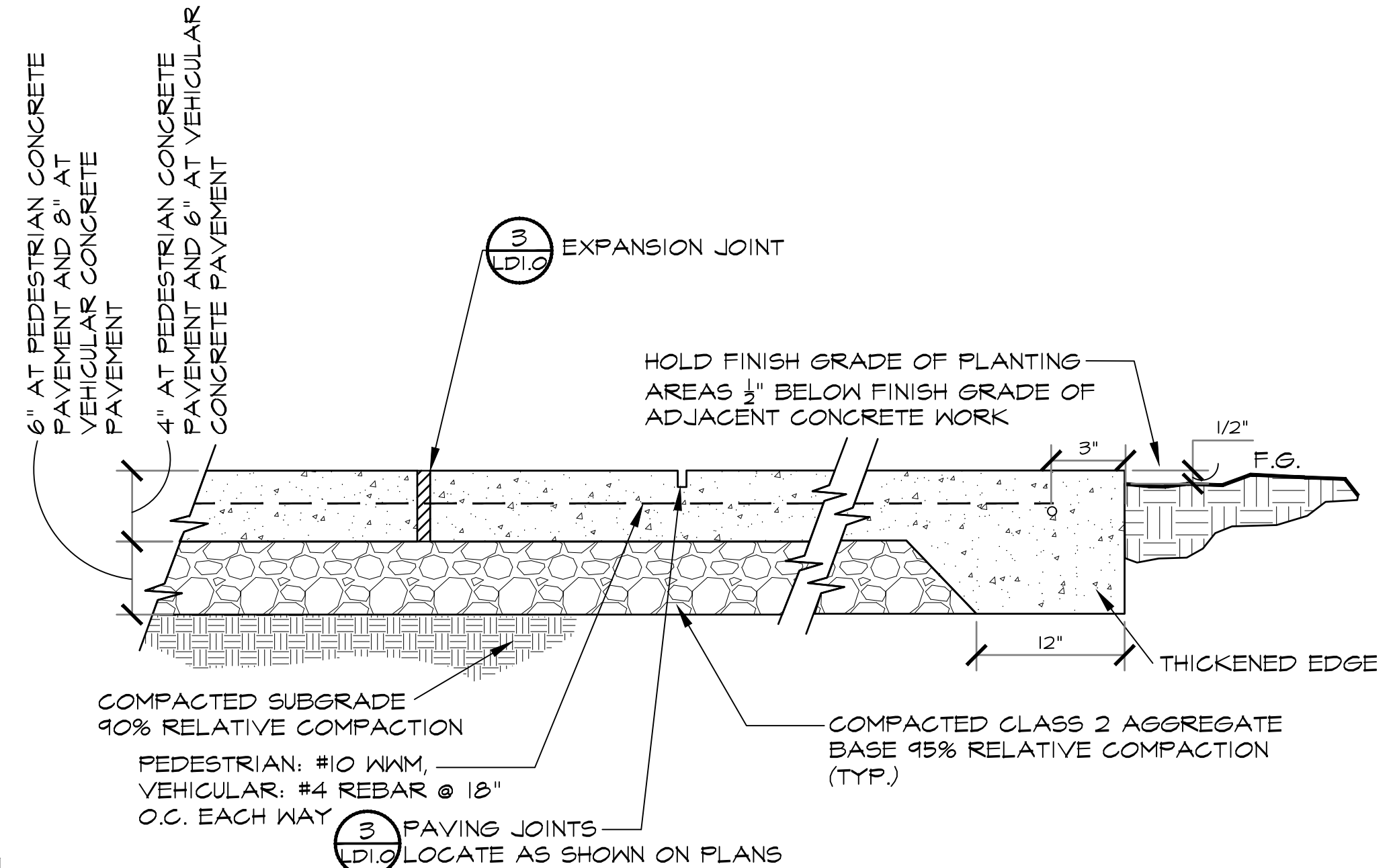
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: DATE	SHEET NO. PL 1.5
SCALE AS SHOWN	DESIGNED BY DCM	CITY ENGINEER STOCKTON, CALIFORNIA	70 OF 162 SHTS
DRAWN BY CM	CHECKED BY BW		
RECORD DWGS.			WR21017 PROJECT NO.



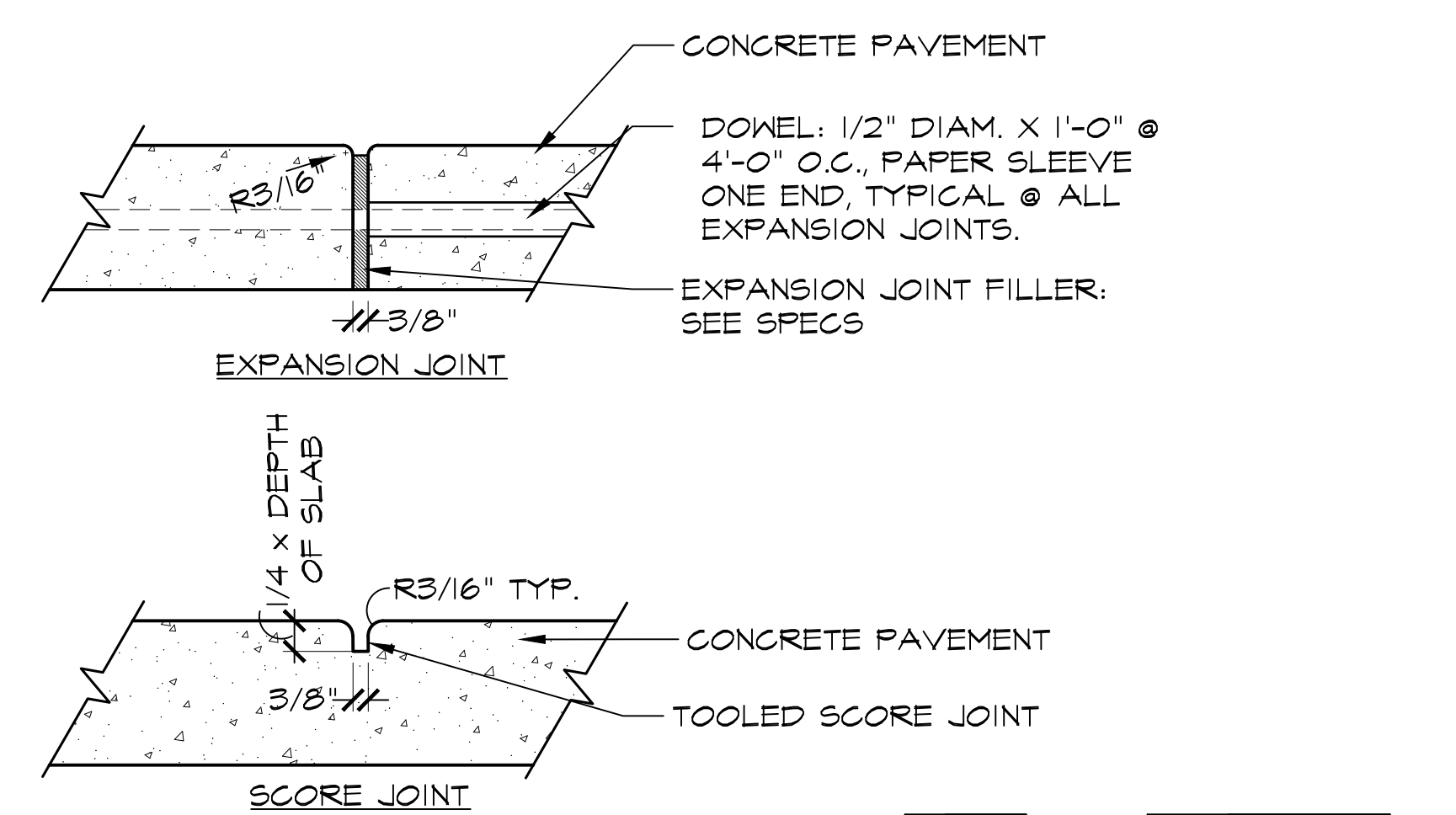
File Path: N:\Projects\2021\21013_MckinleyParkRenovations\3_ConstructionDocuments\21013PL1.dwg Plot Date: 11/14/22 Saved by: Abohnou
 Copyright © 2020 Callander Associates Landscape Architecture, Inc.



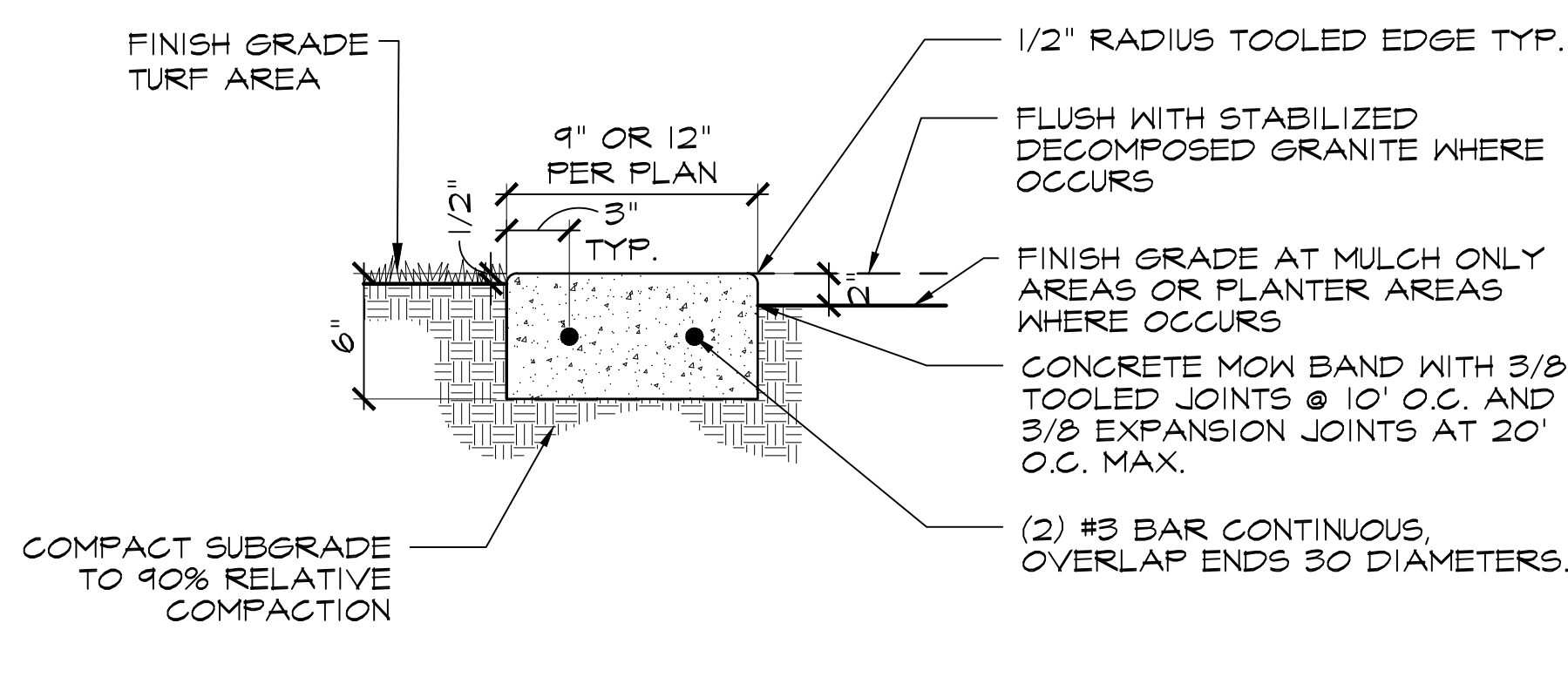
1 PLAY AREA DRAIN SECTION
 LD1.0 SECTION
 334900_PlayAreaDrain_24.dwg



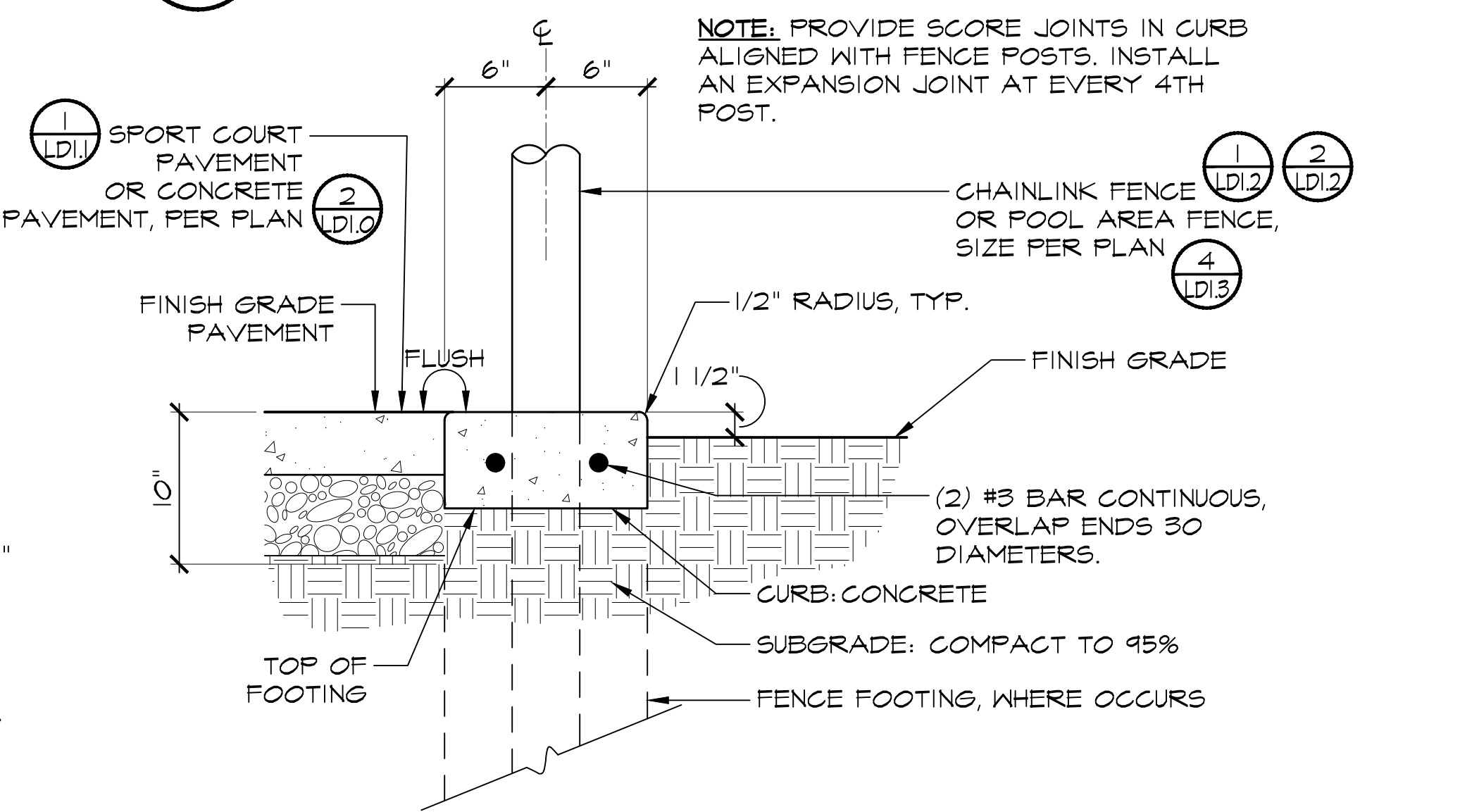
2 CONCRETE PAVEMENT SECTION
 LD1.0 SECTION
 N.T.S.
 21013_48CONCRETEPAVING_CA



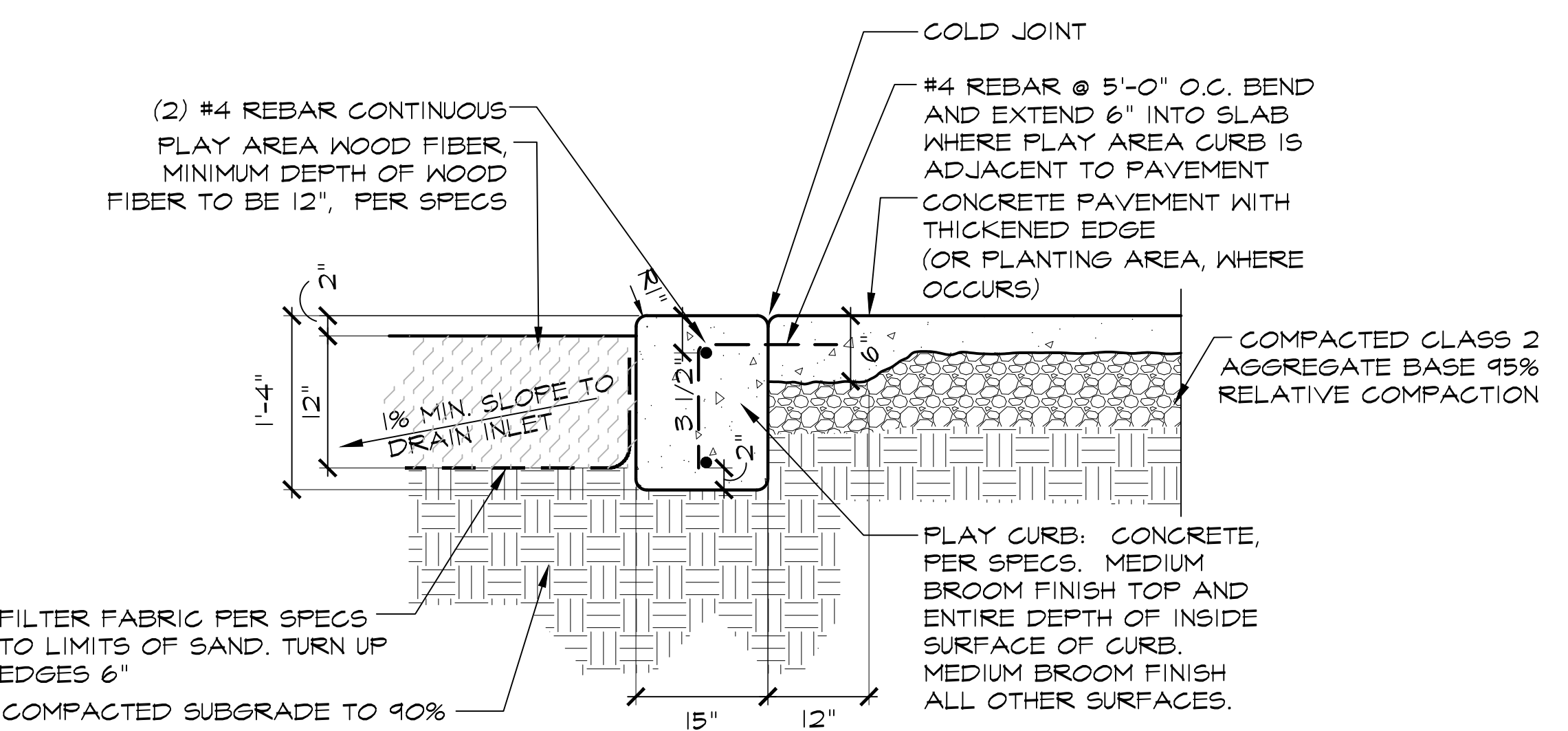
3 SCORE JOINT/ EXPANSION JOINT SECTION
 LD1.0 SECTION
 321300_ConcreteJoints_4.dwg



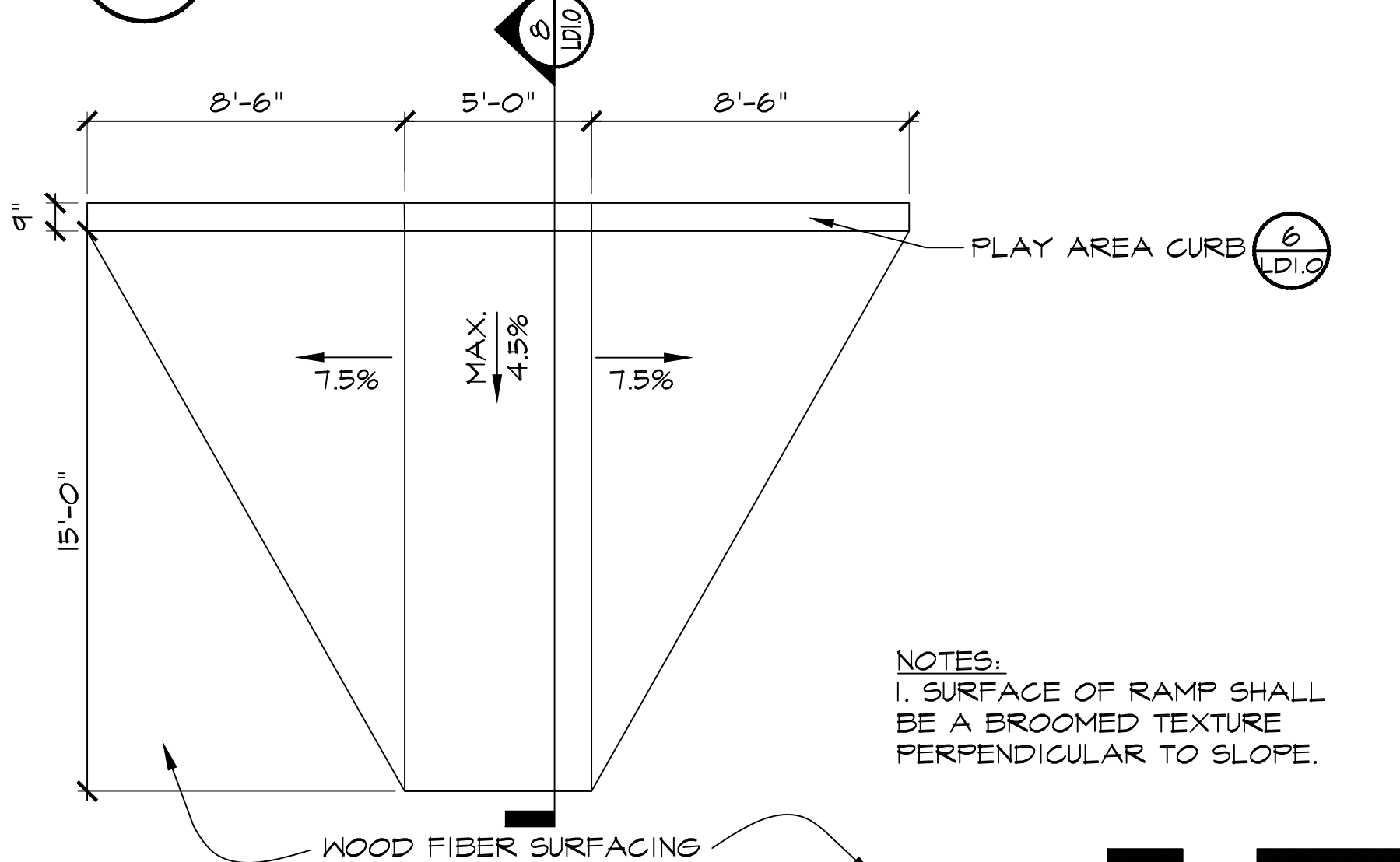
4 CONCRETE MOWBAND SECTION
 LD1.0 SECTION
 21013_8 CONCRETE MOWBAND_PLAY.DWG



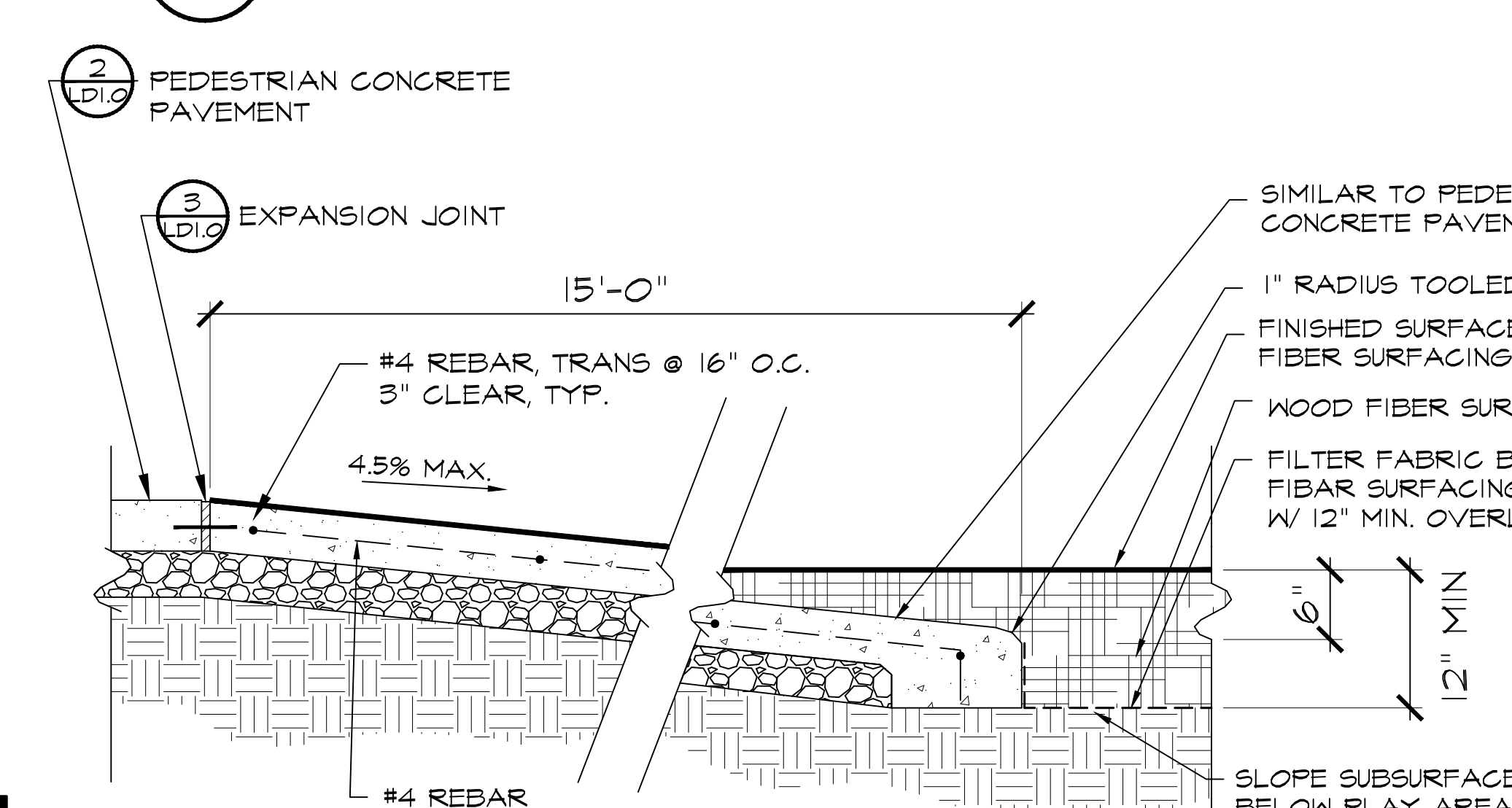
5 12" MOWBAND AT FENCE SECTION
 LD1.0 SECTION
 14044 Concrete Curb 1 & 2.dwg



6 PLAY AREA CURB AND WOOD FIBER SECTION
 LD1.0 SECTION
 321800_PlayAreaCurb_12.dwg



7 PLAY AREA RAMP PLAN
 LD1.0 PLAN
 21013_21A_PLAYAREARAMPPLAN_43.dwg



8 PLAY AREA RAMP SECTION
 LD1.0 SECTION
 N.T.S.

NOTE: PROVIDE EXPANSION JOINTS ON CURB @ 15'-0" O.C..



9 PLAY AREA RAMP SECTION
 LD1.0 SECTION
 N.T.S.

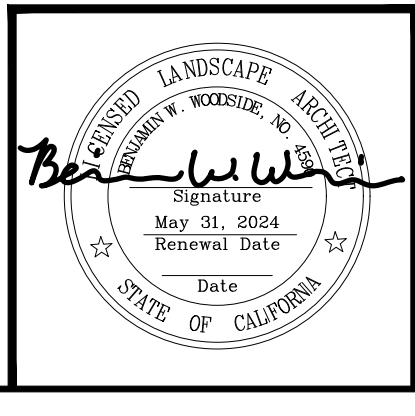


12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

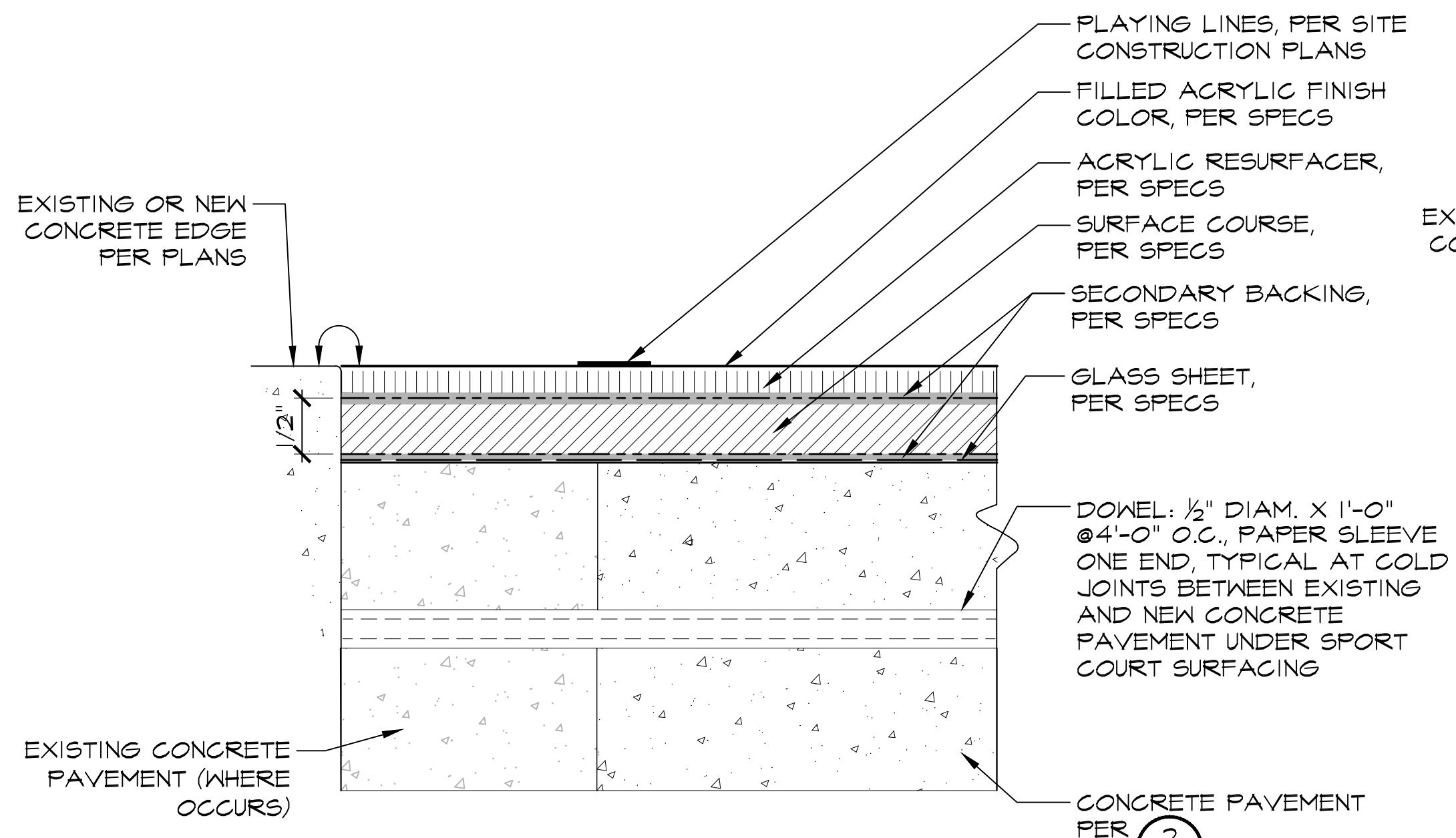
MCKINLEY PARK RENOVATIONS PROJECT
LANDSCAPE DETAILS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE AS SHOWN	DATE	DATE	LD1.0
DESIGNED BY DCM	CITY ENGINEER	DATE	71 OF 162 SHTS
DRAWN BY CM	STOCKTON, CALIFORNIA		WR21017
CHECKED BY BW			PROJECT NO.
RECORD DWGS.			

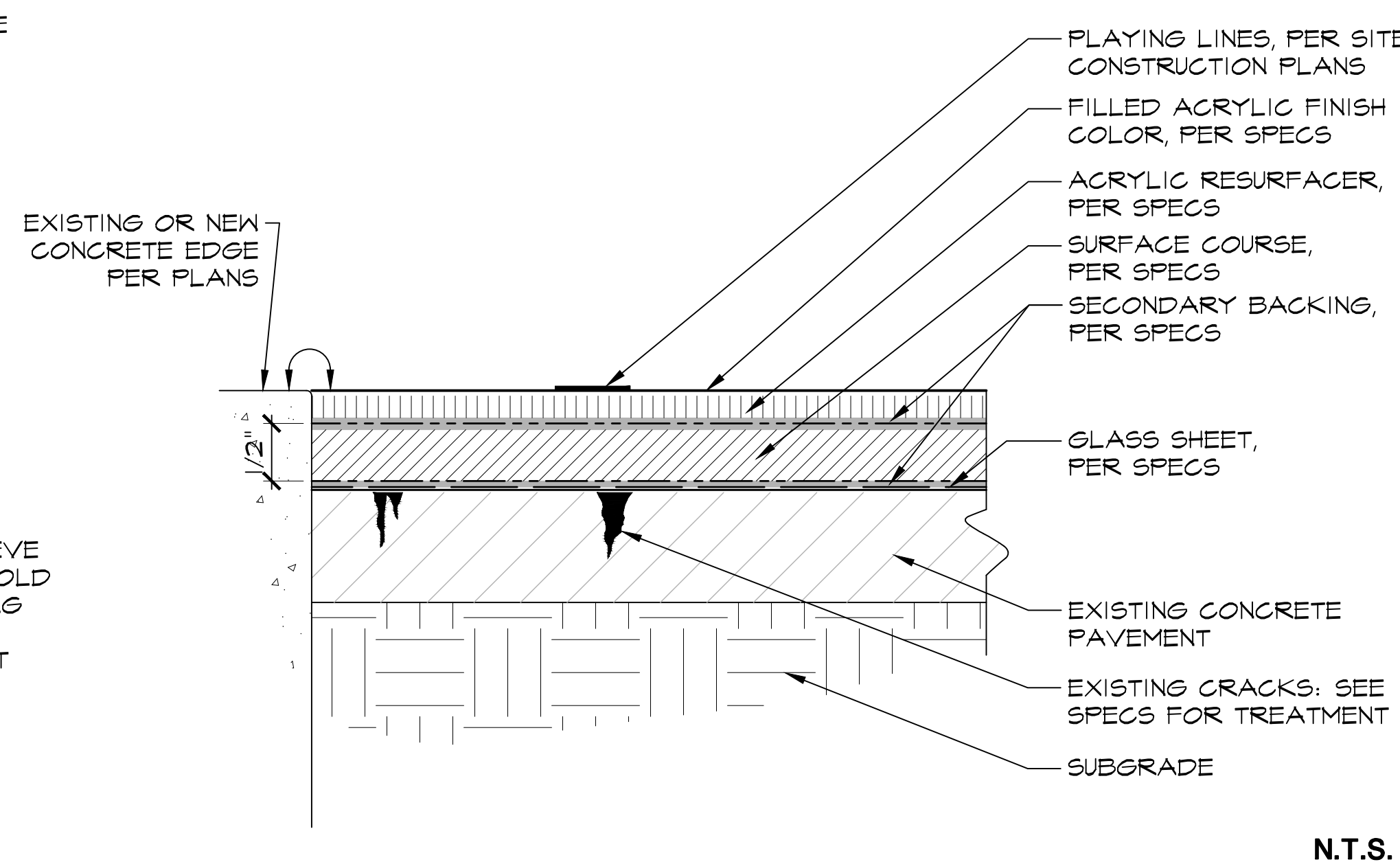
Revision No.	Description	Date	By	Aprvd. By



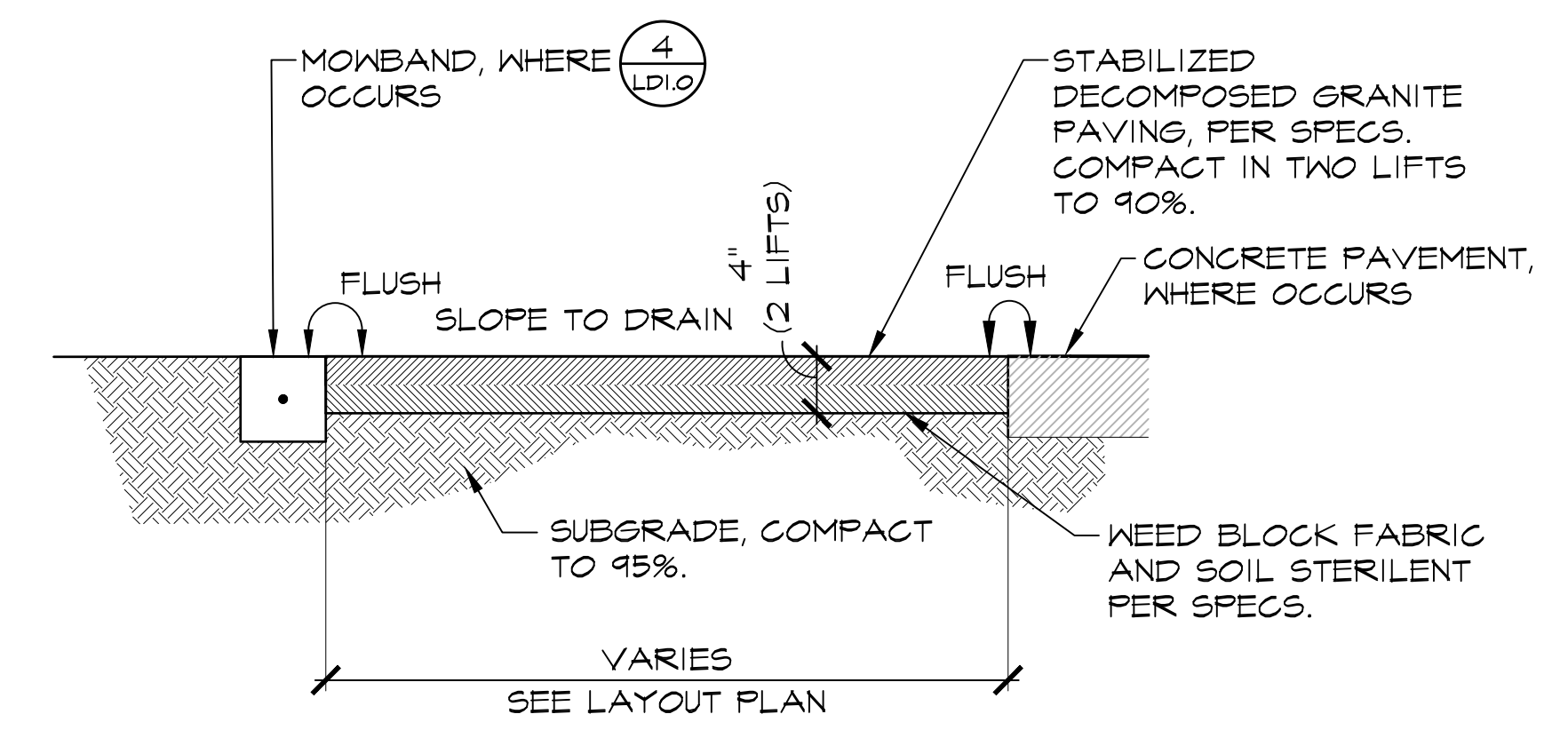
File Path: I:\Projects\21013_MckinleyParkRenovations\21013_LDI.dwg, Plot Date: 11/14/22, Saved By: cmc
 Copyright © 2022 Callander Associates, Inc.



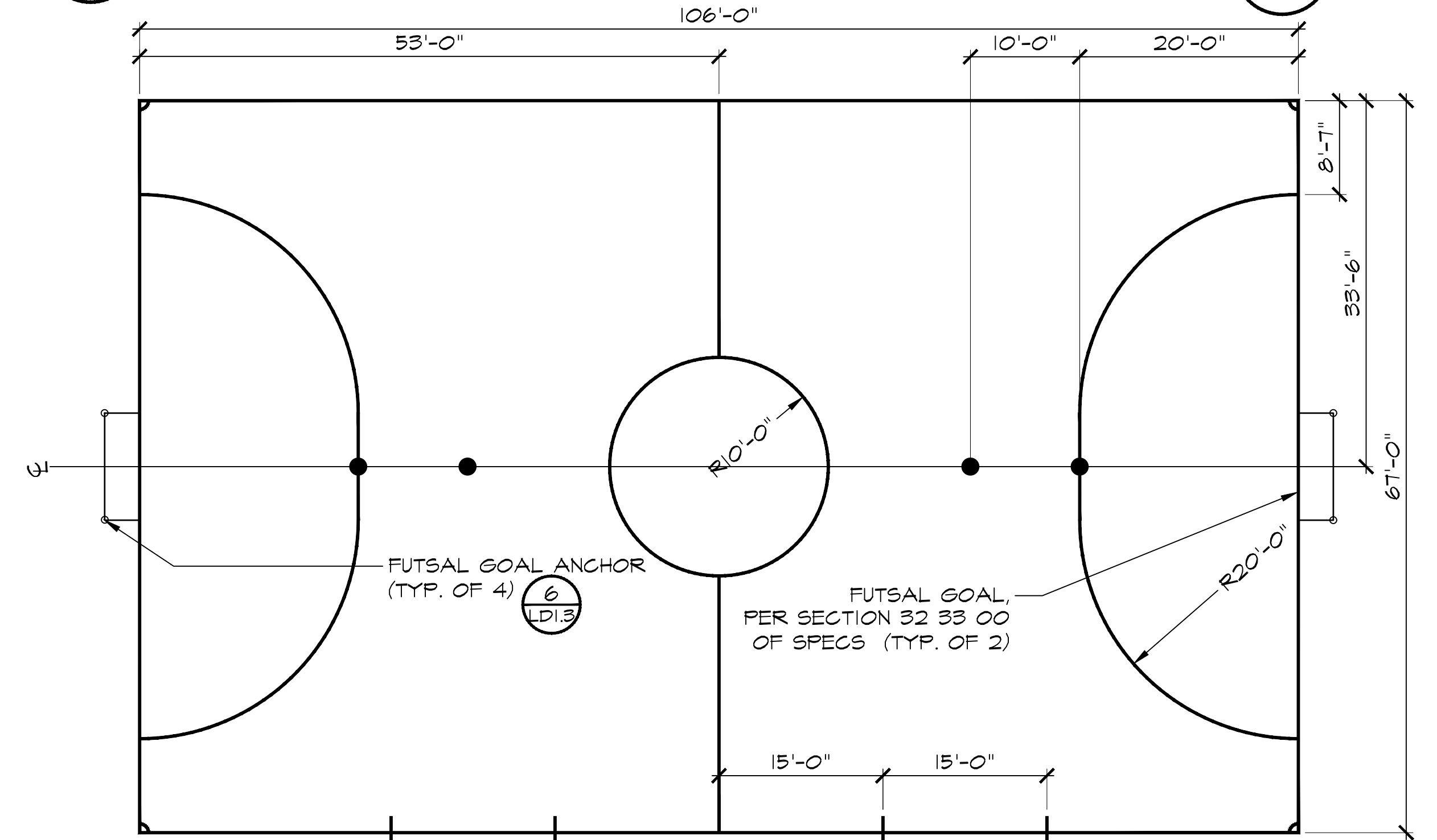
1 LD1.1 **SPORTS COURT PAVEMENT SECTION**
 N.T.S. 14044tenispaving_3.dwg



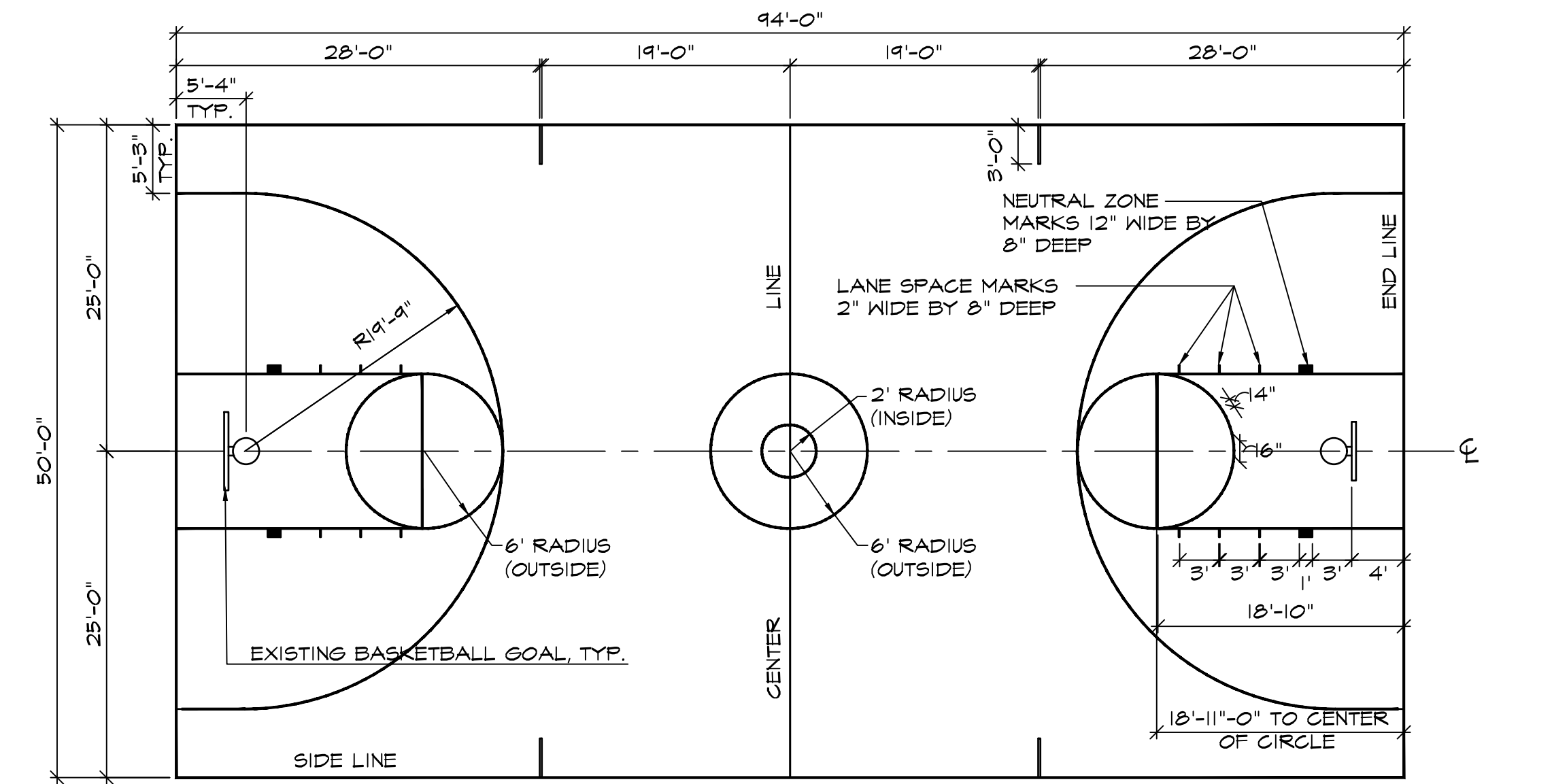
2 LD1.1 **SPORTS COURT SURFACING OVER EXISTING PAVEMENT SECTION**
 N.T.S. 14044tenispaving_3.dwg



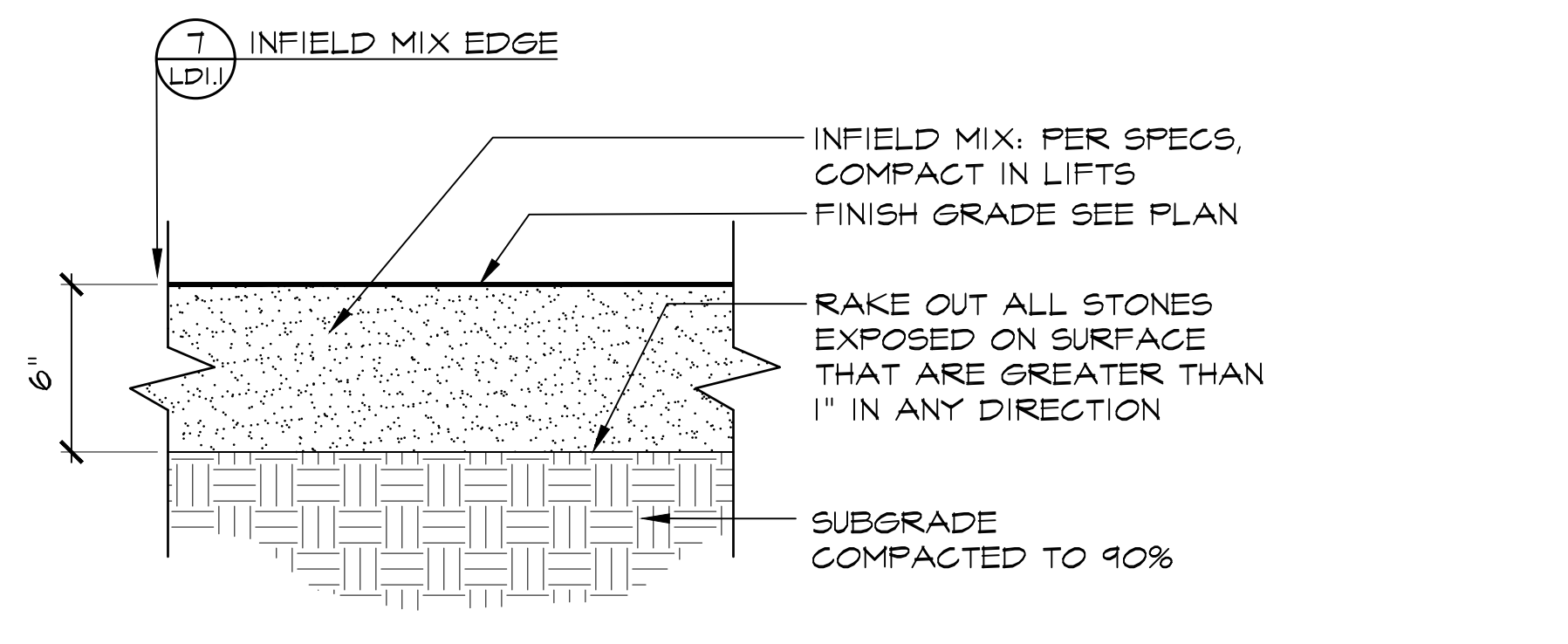
3 LD1.1 **DECOMPOSED GRANITE PAVEMENT ADD ALTERNATE NO. X**
 21013_12051_DECOMPOSEDGRANITE.DWG



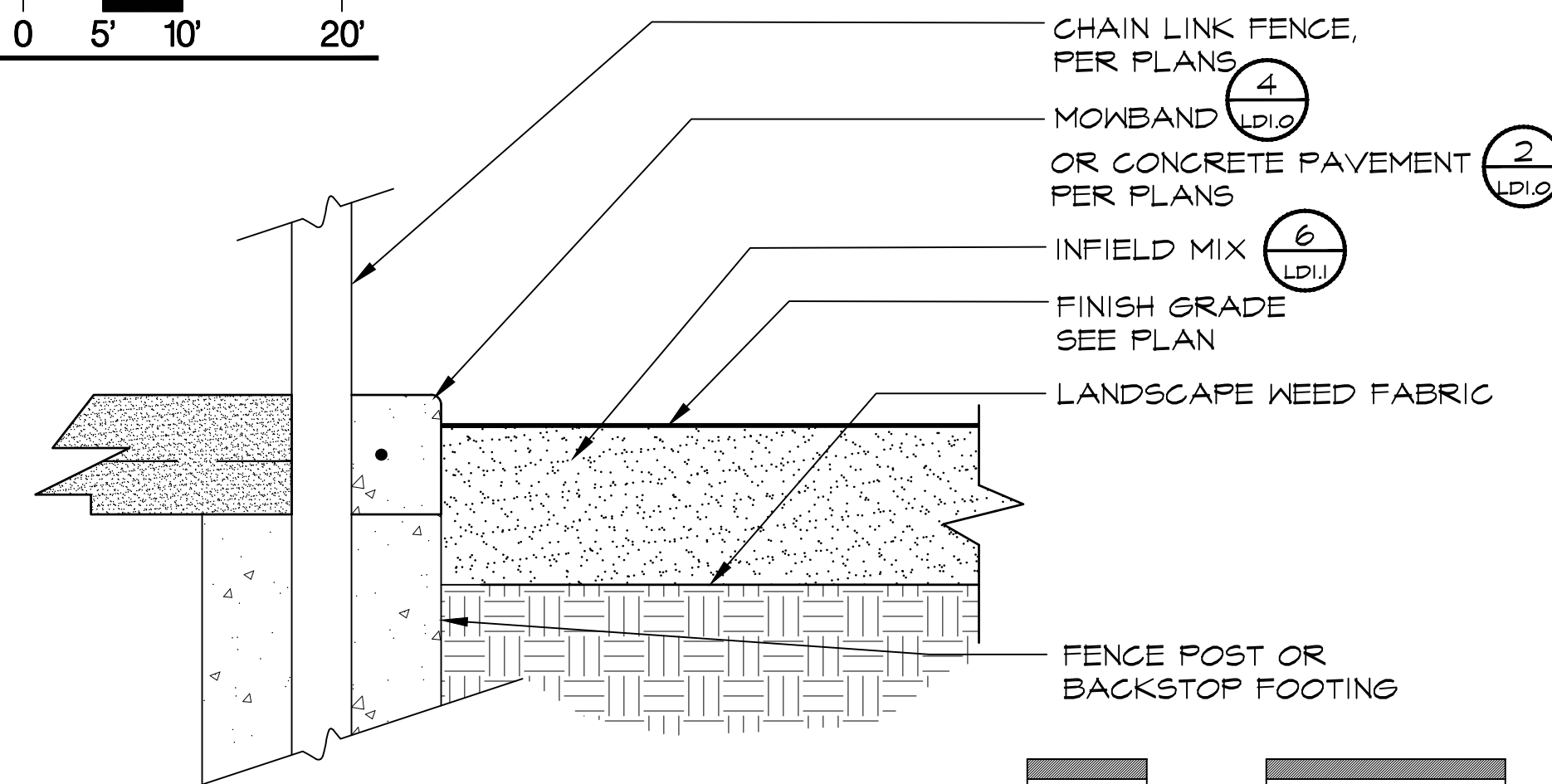
4 LD1.1 **FUTSAL COURT LAYOUT PLAN**



5 LD1.1 **BASKETBALL COURT LAYOUT PLAN**

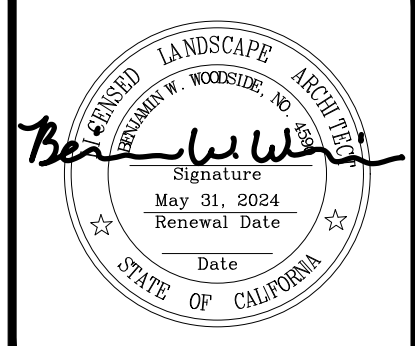


6 LD1.1 **INFIELD MIX SECTION**
 21013_infieldmix2_b.dwg



7 LD1.1 **INFIELD MIX EDGE**
 21013_02190infieldb3.dwg

Revision No.	Description	Date	By	Aprvd. By

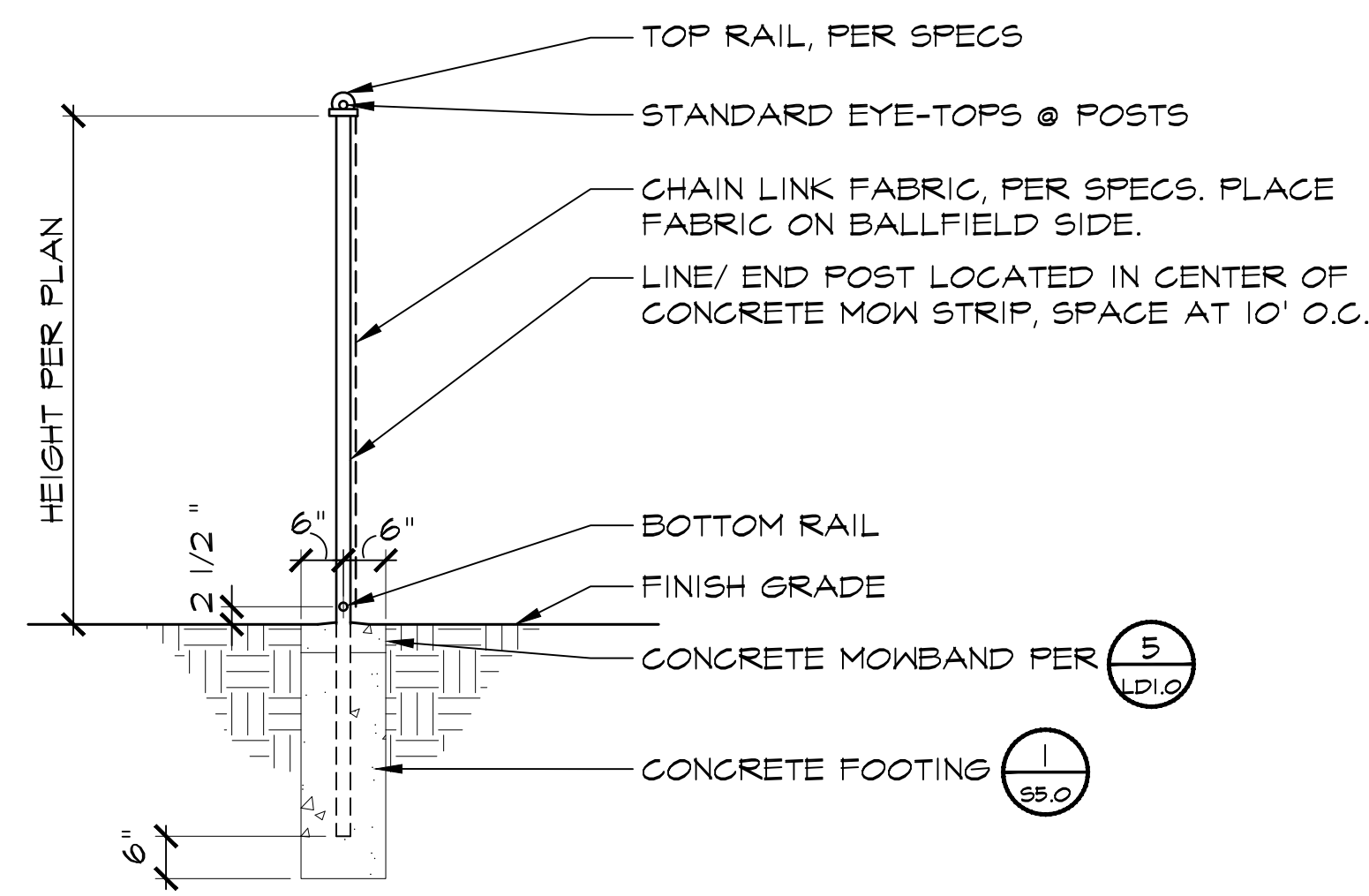


12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

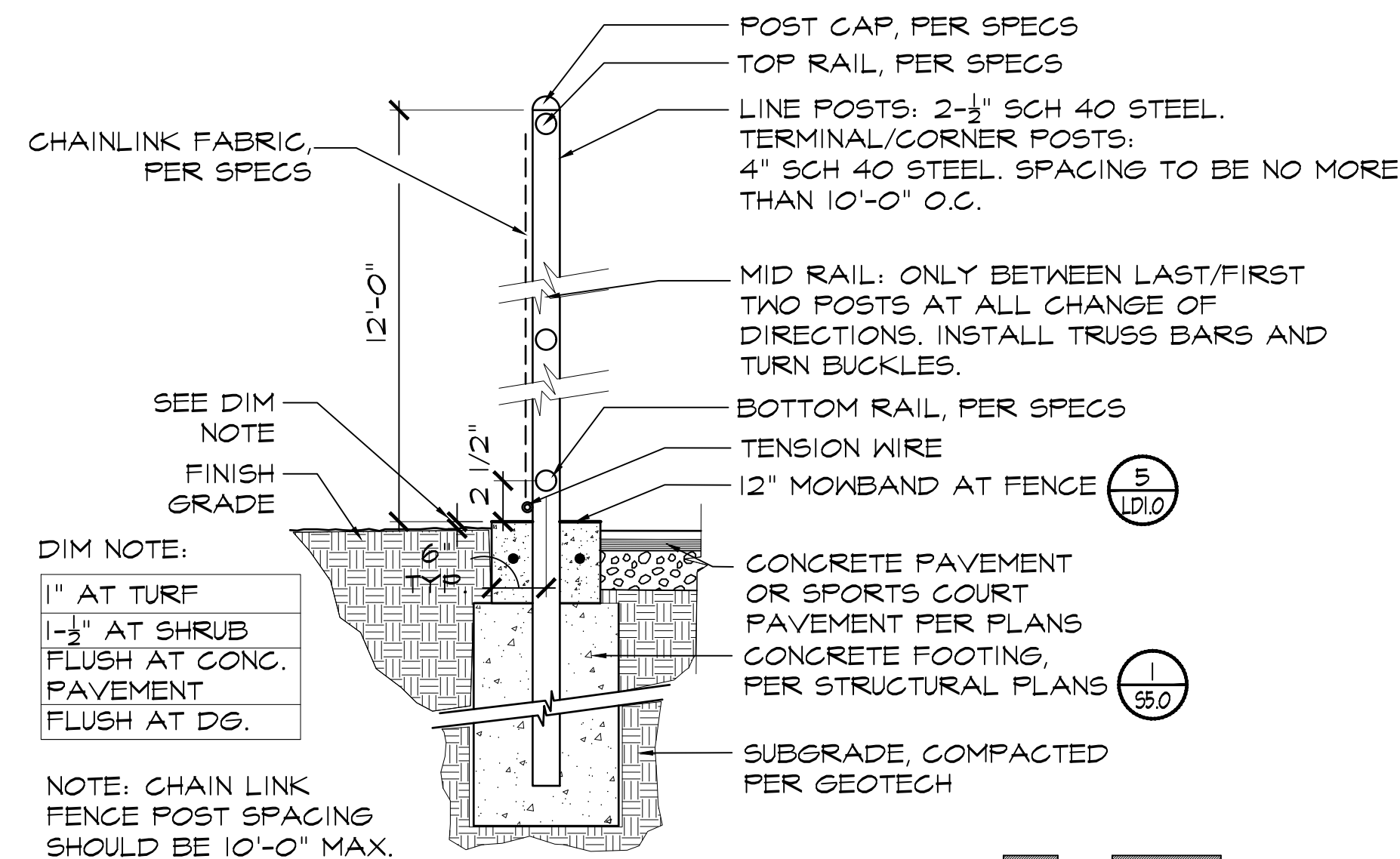
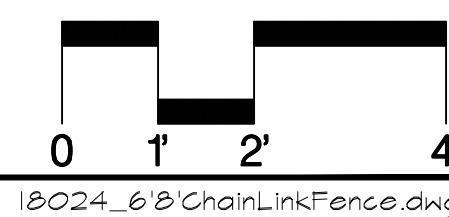
MCKINLEY PARK RENOVATIONS PROJECT
LANDSCAPE DETAILS

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. LD1.1
DESIGNED BY DCM	CITY ENGINEER STOCKTON, CALIFORNIA	72 OF 162 SHTS
DRAWN BY CM		WR21017 PROJECT NO.
CHECKED BY BW		
RECORD DWGS.		

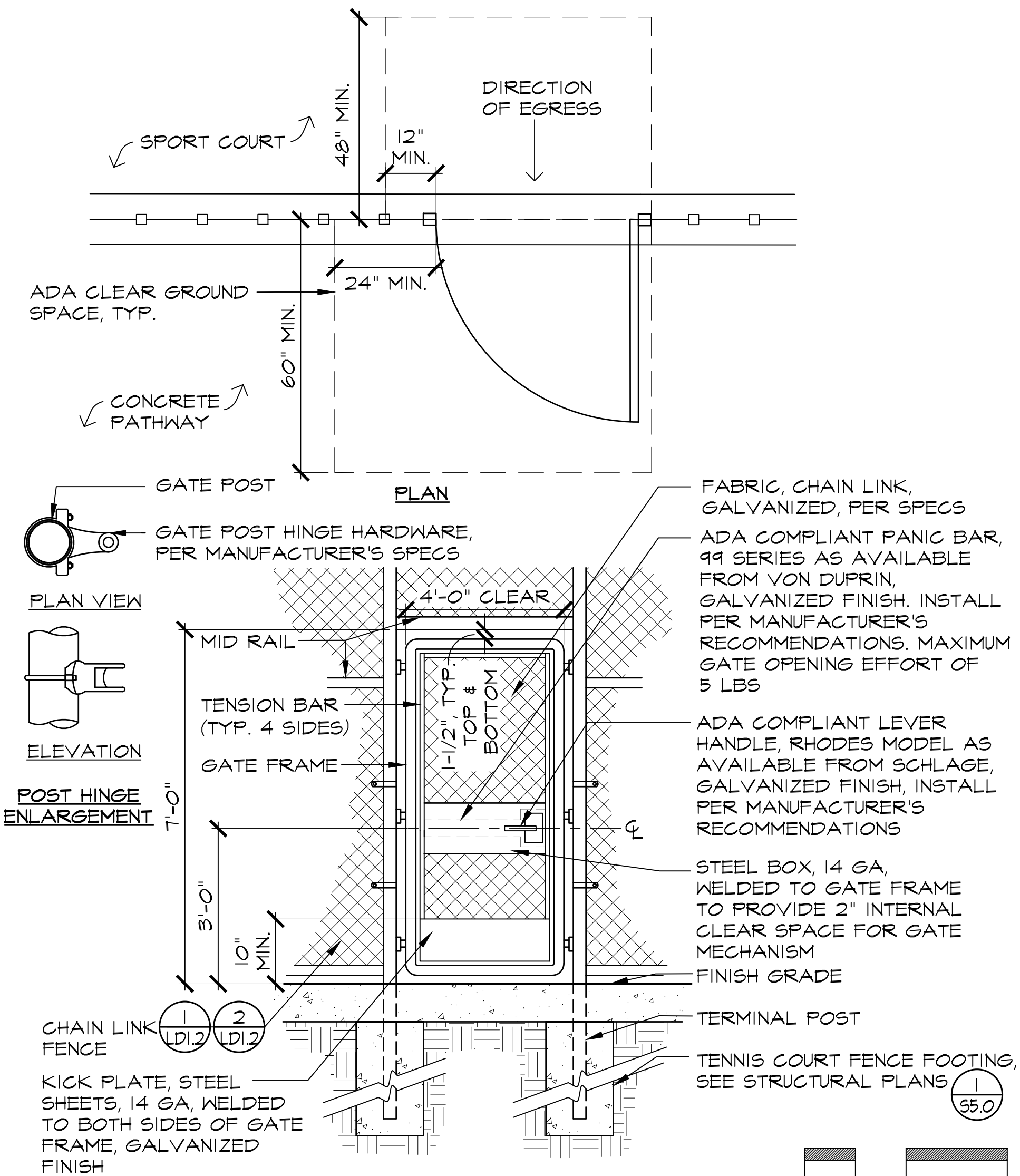
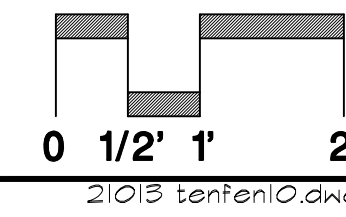
File Path: T:\Projects\21013_MCKINLEY PARK RENOVATIONS\21013_LDI.dwg Plot Date: 11/14/22 Saved By: CDM
 Copyright © 2022 Callander Associates, Inc.



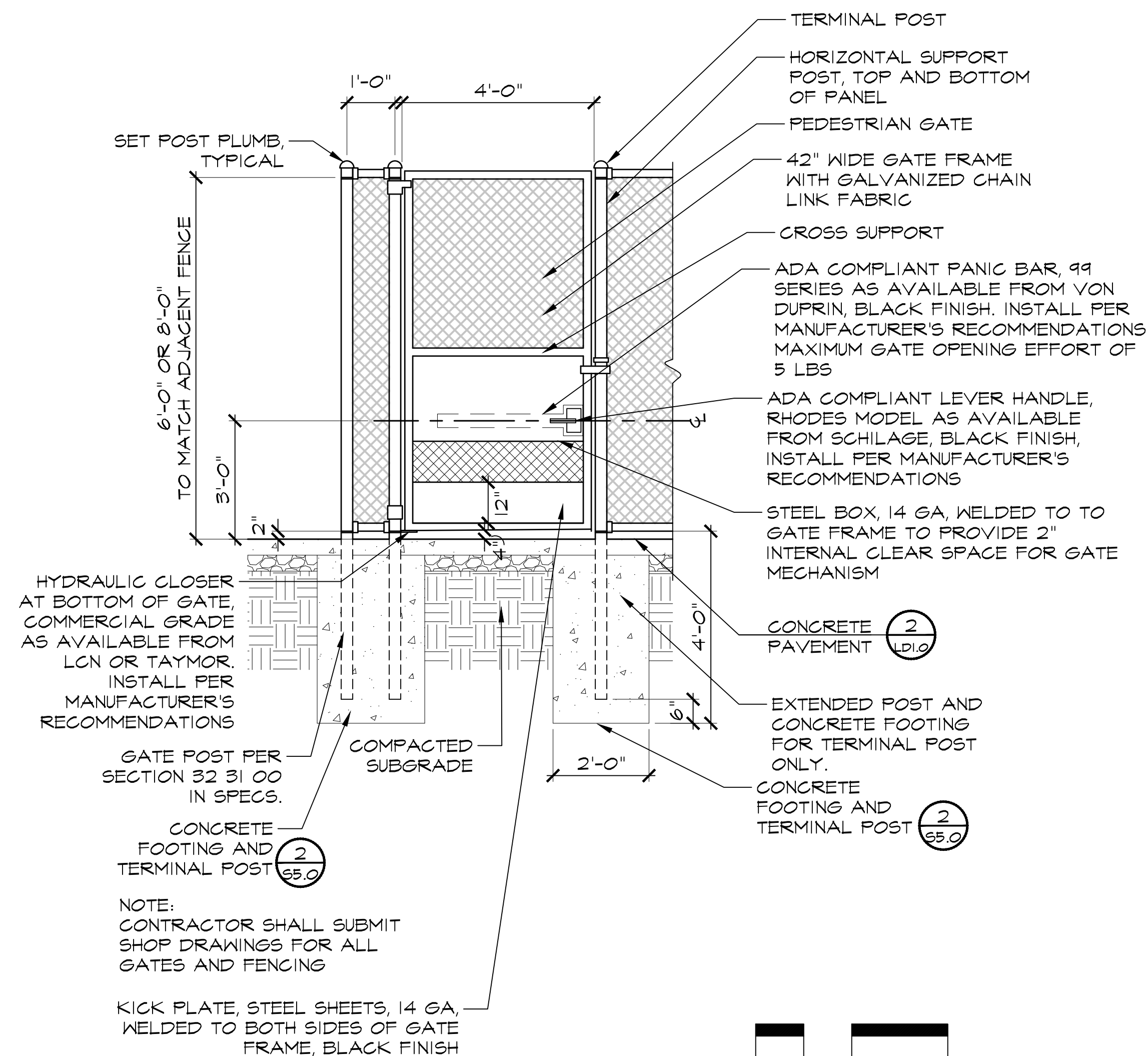
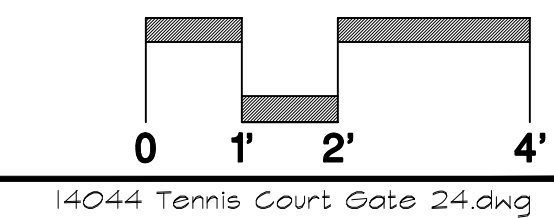
1 CHAIN LINK FENCE (5FT-8FT)
LD1.2 SECTION



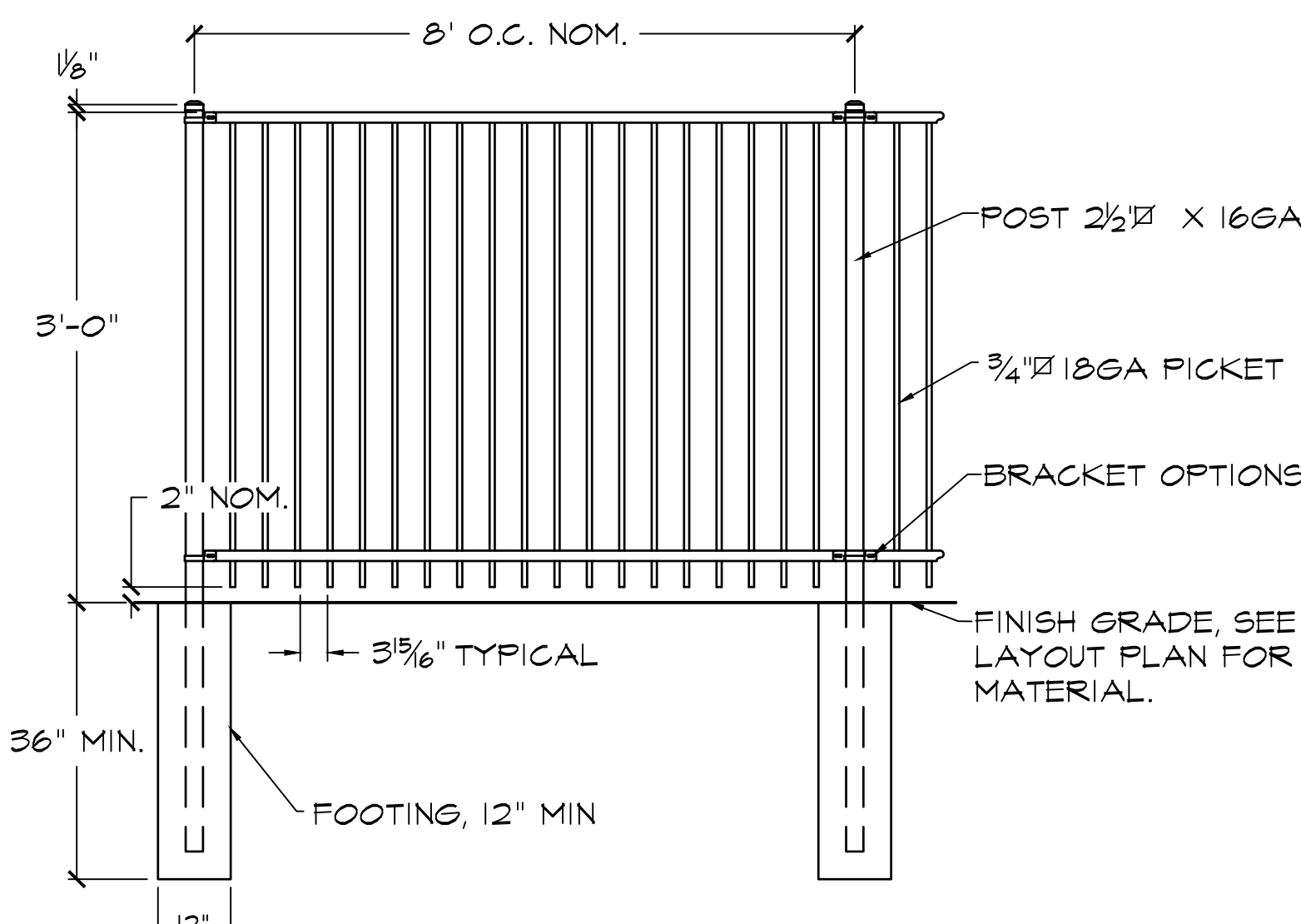
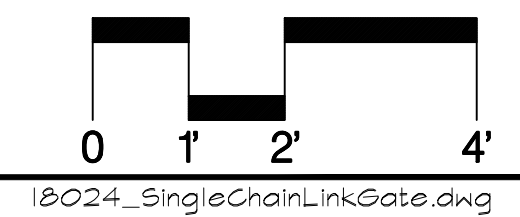
2 CHAIN LINK FENCE ON MOWBAND
LD1.2 SECTION



3 SPORTS COURT FENCE GATE
LD1.2 SECTION



4 PLAYER'S GATE
LD1.2 SECTION



5 PLAY AREA FENCE
LD1.2 SECTION

N.T.S.



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

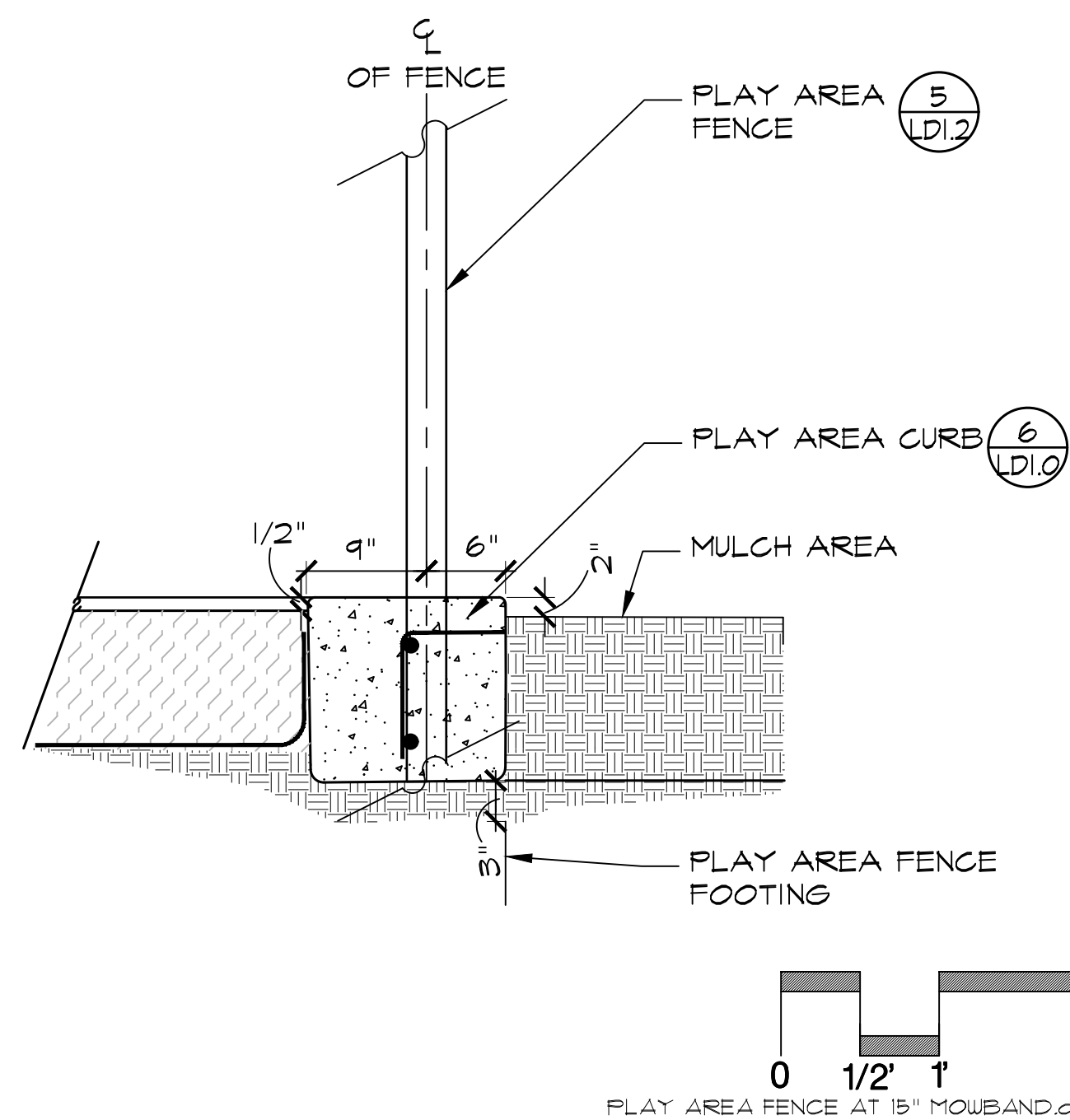
MCKINLEY PARK RENOVATIONS PROJECT
LANDSCAPE DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

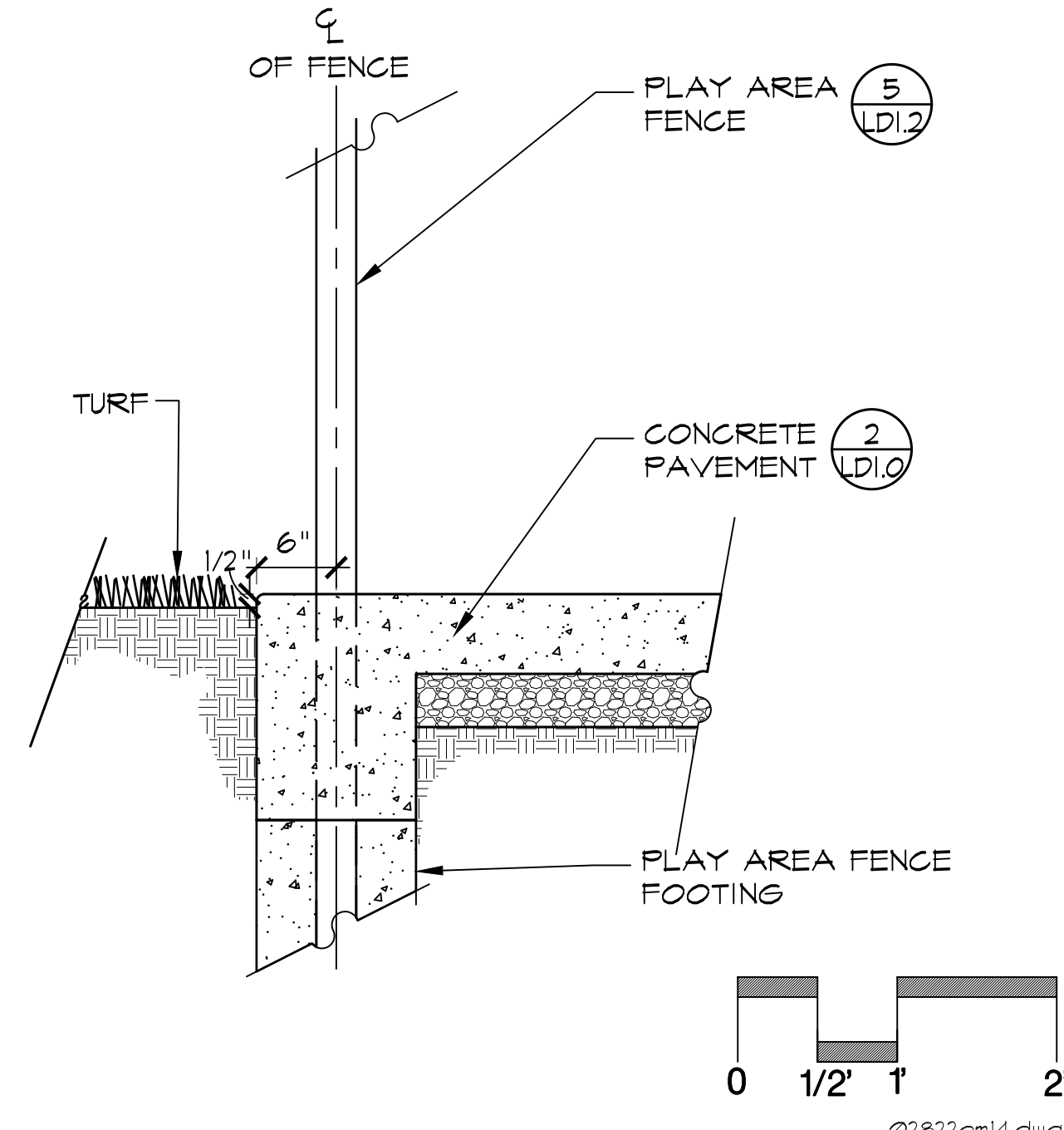
Revision No.	Description	Date	By	Aprvd. By

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	LD1.2
DRAWN BY	CM		73 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

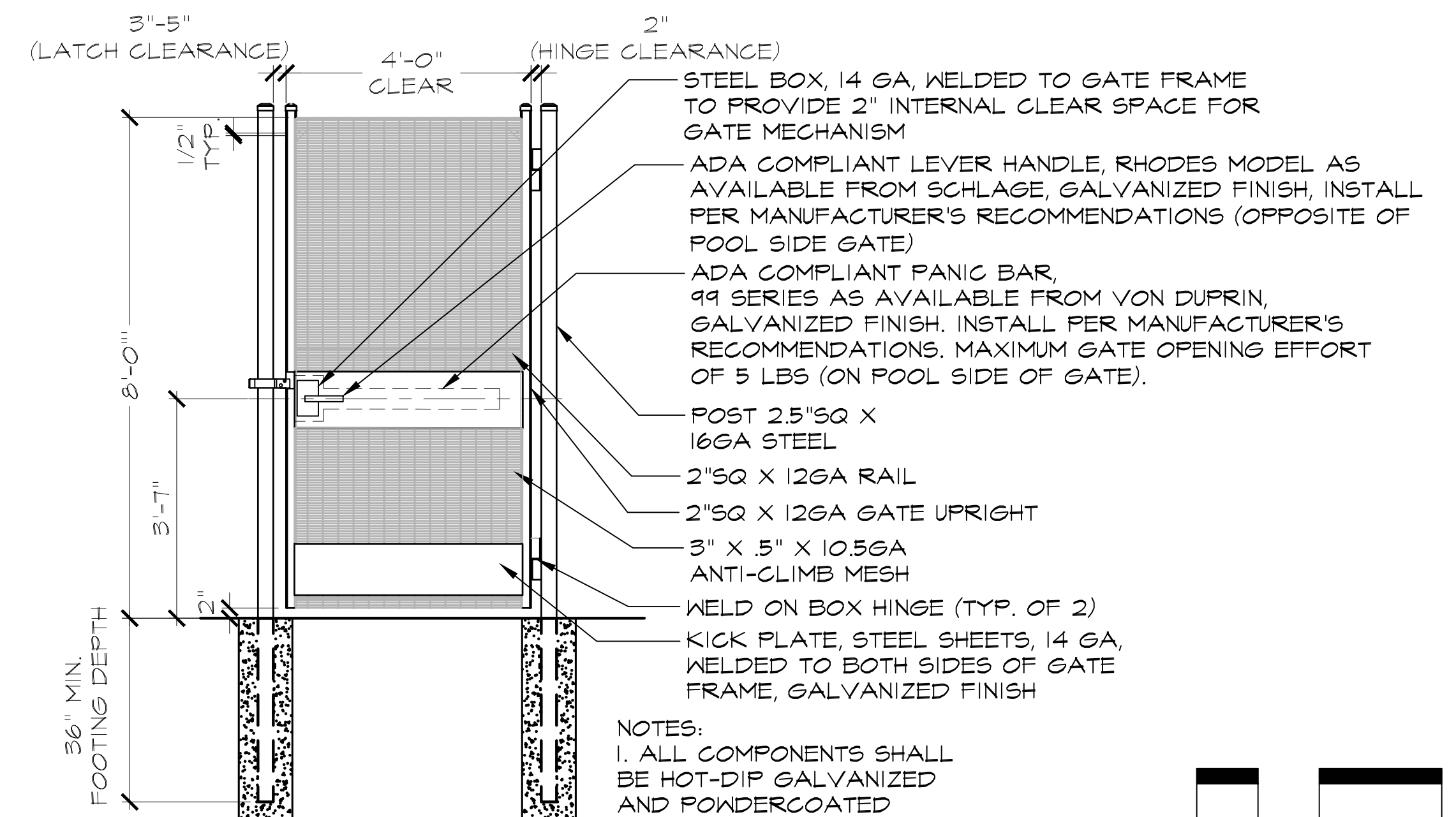
File Path: I:\Projects\2021\21013_MckinleyParkRenovations\3_ConstructionDocuments\3101301.dwg Plot Date: 11/14/22 Saved By: cmw Copyright © 2022 Callander Associates Architecture, Inc.



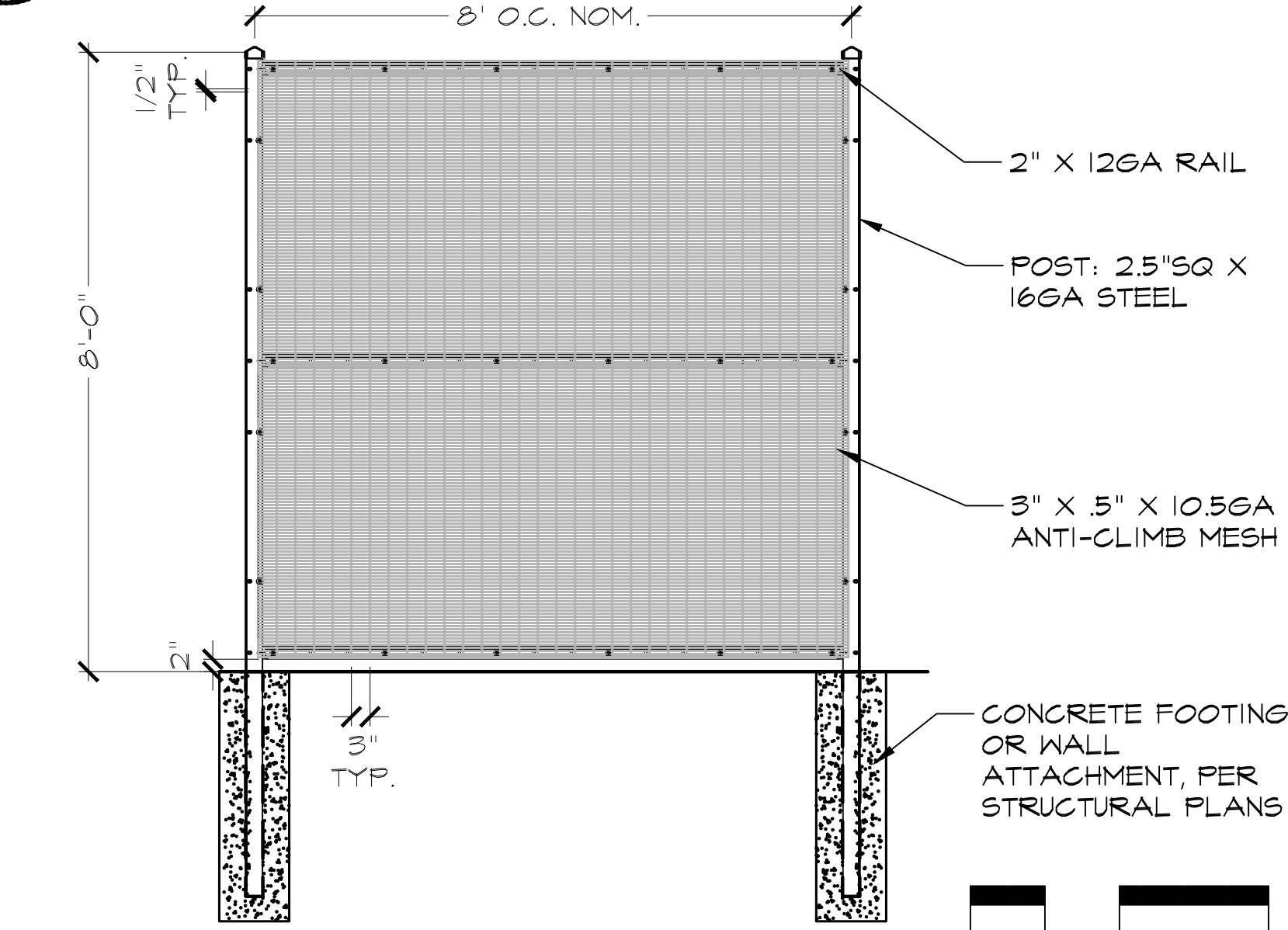
1 LD1.3 **PLAY AREA FENCE AT PLAY AREA CURB SECTION**



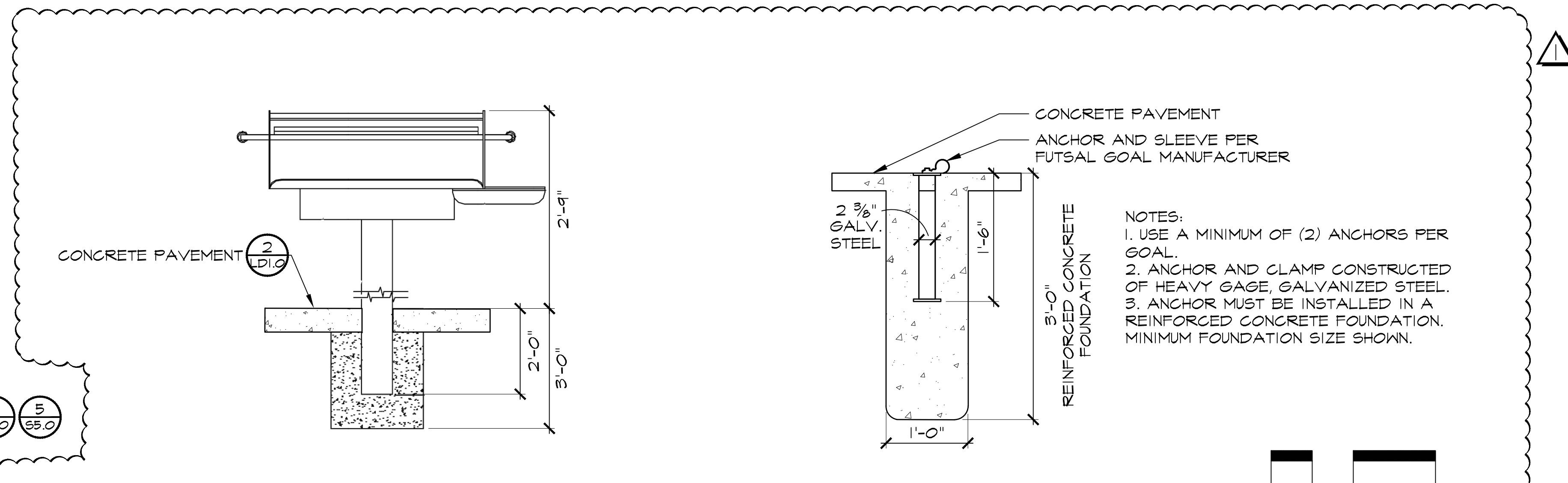
2 LD1.3 **PLAY AREA FENCE AT CONCRETE PAVEMENT SECTION**



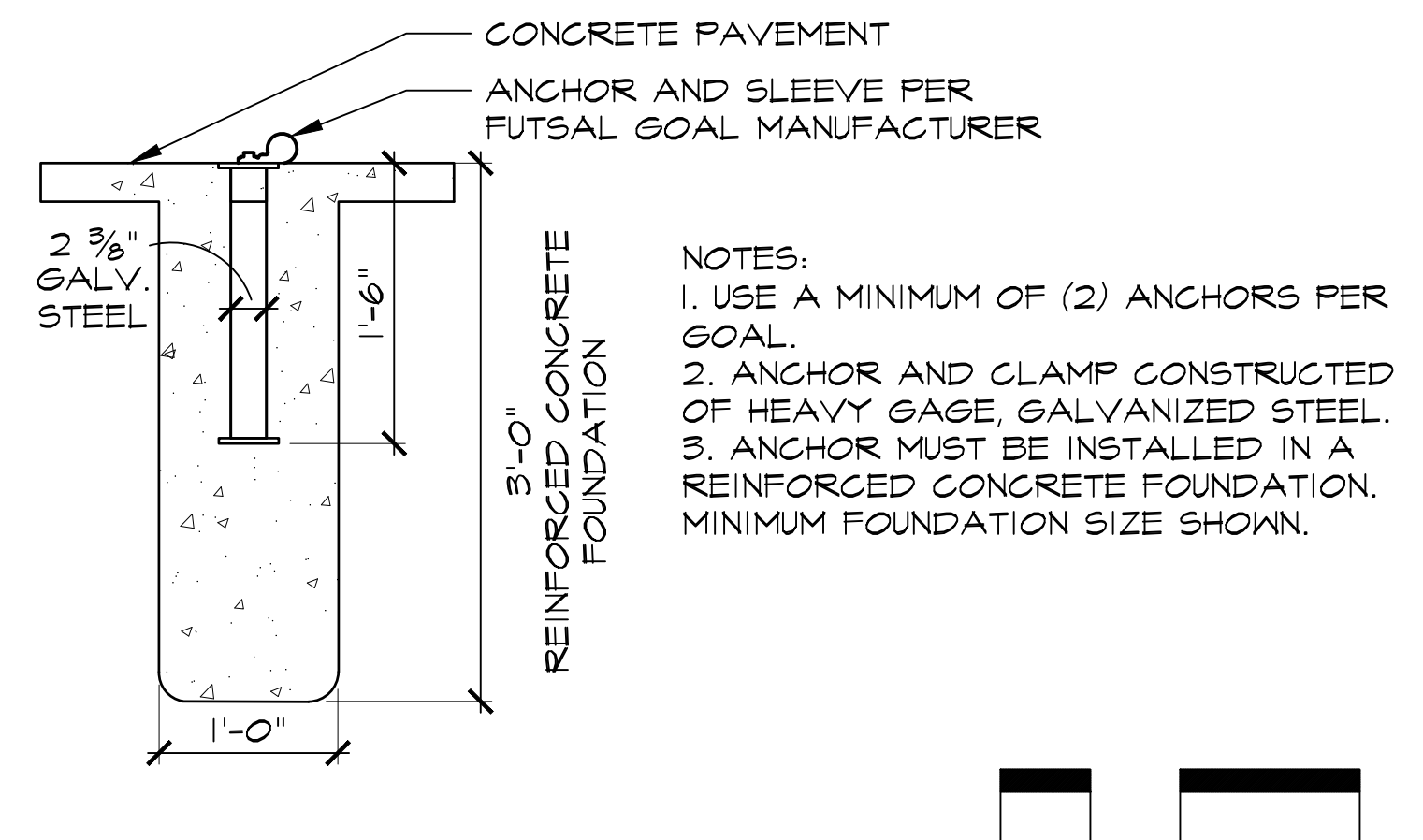
3 LD1.3 **POOL AREA FENCE GATE SECTION**



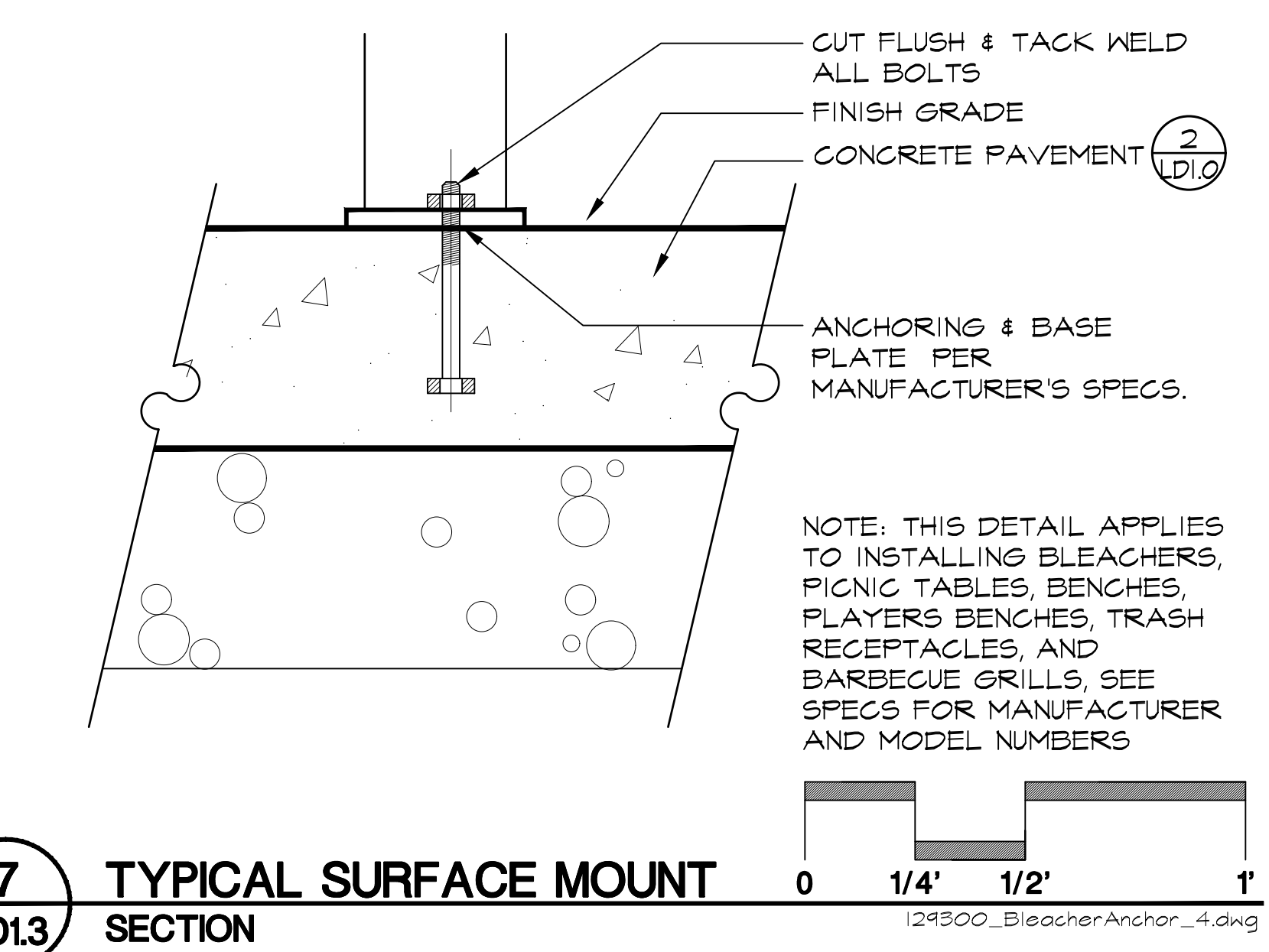
4 LD1.3 **POOL AREA FENCE SECTION**



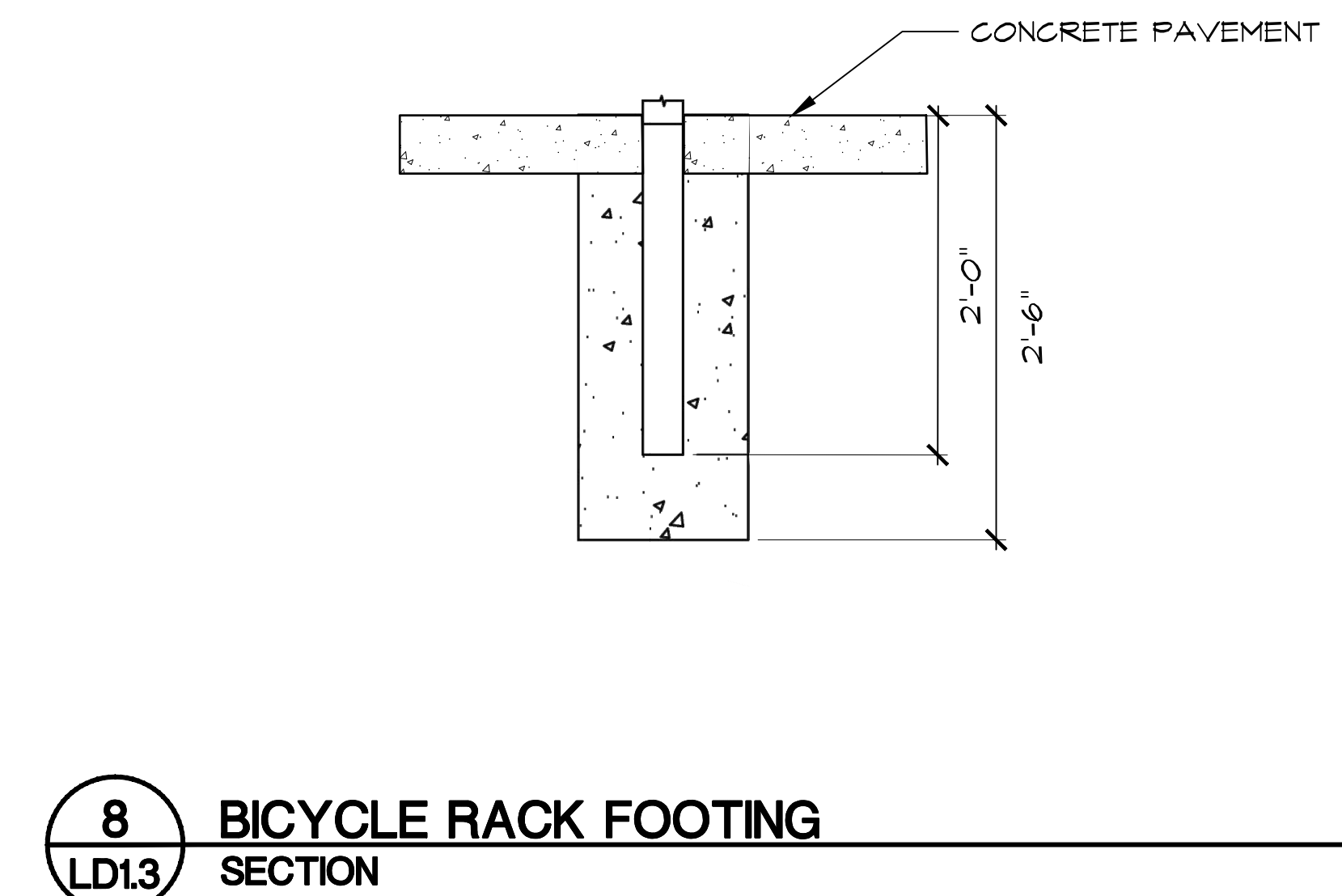
5 LD1.3 **BARBEQUE GRILL FOOTING SECTION** N.T.S.



6 LD1.3 **FUTSAL GOAL ANCHOR SECTION**



7 LD1.3 **TYPICAL SURFACE MOUNT SECTION**



8 LD1.3 **BICYCLE RACK FOOTING SECTION** N.T.S.



Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

CALLA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
LANDSCAPE DETAILS

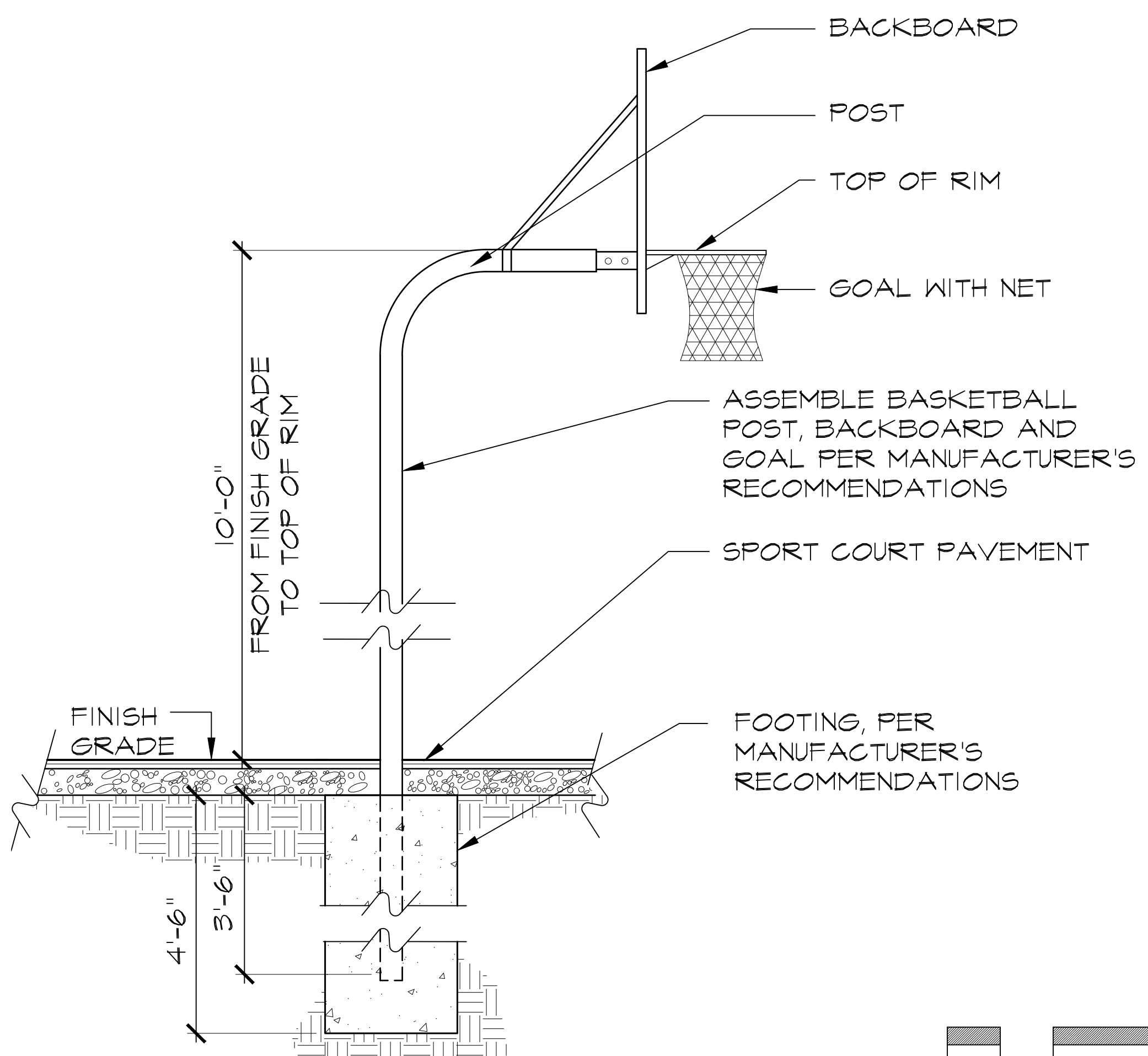
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

PERMIT REVIEW SET

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	LD1.3
DRAWN BY	CM		74 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

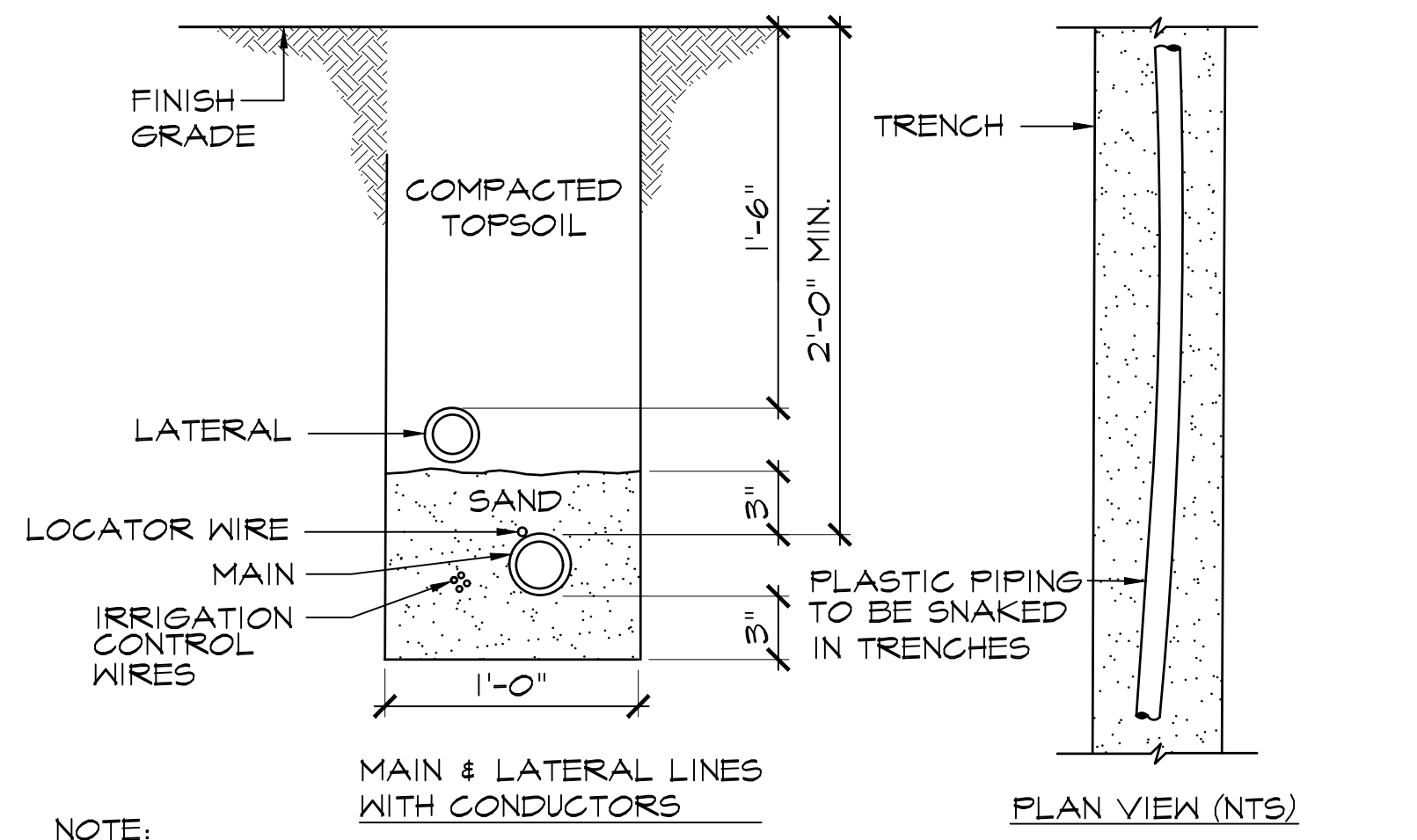


File Path: I:\Projects\21013_MCKINLEY PARK RENOVATIONS\21013_LDI.dwg, Plot Date: 11/14/22, Saved By: CDM
 Copyright © 2022 Callander Associates, Inc.



1 BASKETBALL GOAL SECTION
LD1.4

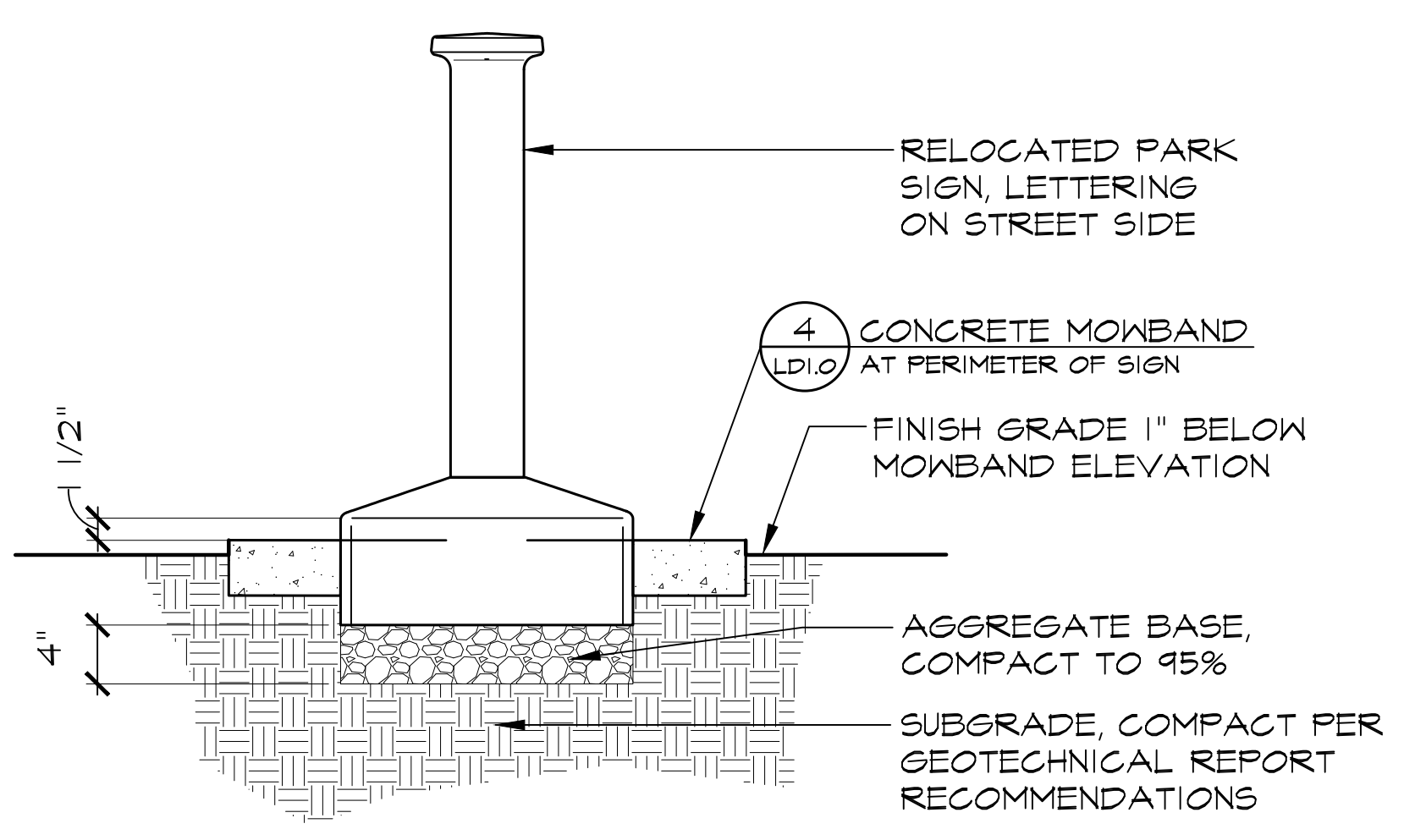
14044_bstandard.dwg



NOTE: TAPE AND BUNDLE WIRING AT 10'-0" INTERVALS.

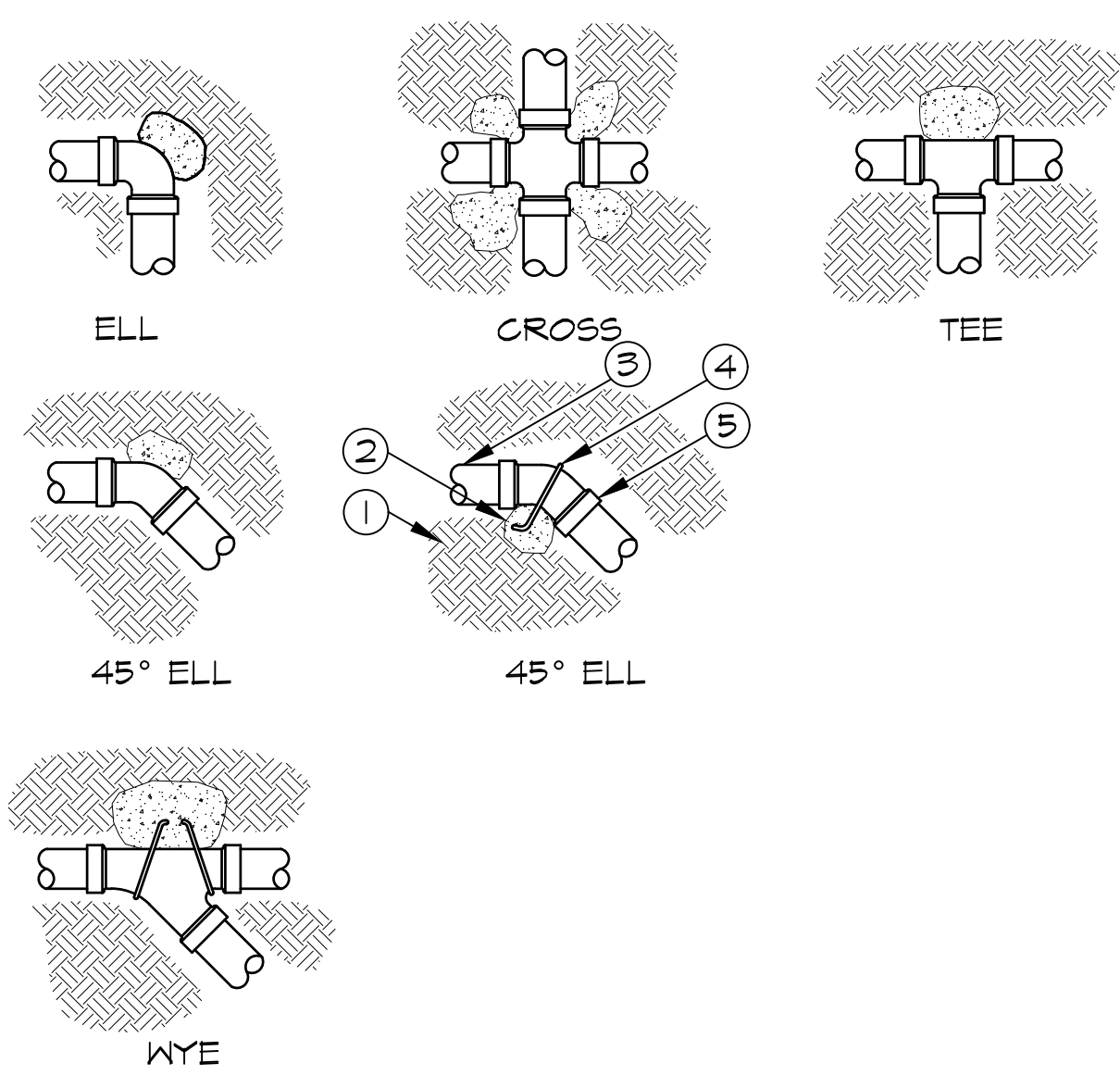
4 IRRIGATION PIPE INSTALLATION SECTION
LD1.4

328400_Trenching_B.dwg



2 PARK SIGN FOOTING SECTION
LD1.4

N.T.S.
stockton-parksign5.dwg



- ① UNDISTURBED SOIL (TYPICAL)
- ② CONCRETE THRUST BLOCK (TYPICAL)
- ③ PIPE (TYPICAL)
- ④ REBAR BENT AROUND FITTING (TYPICAL)
- ⑤ FITTING (TYPICAL)

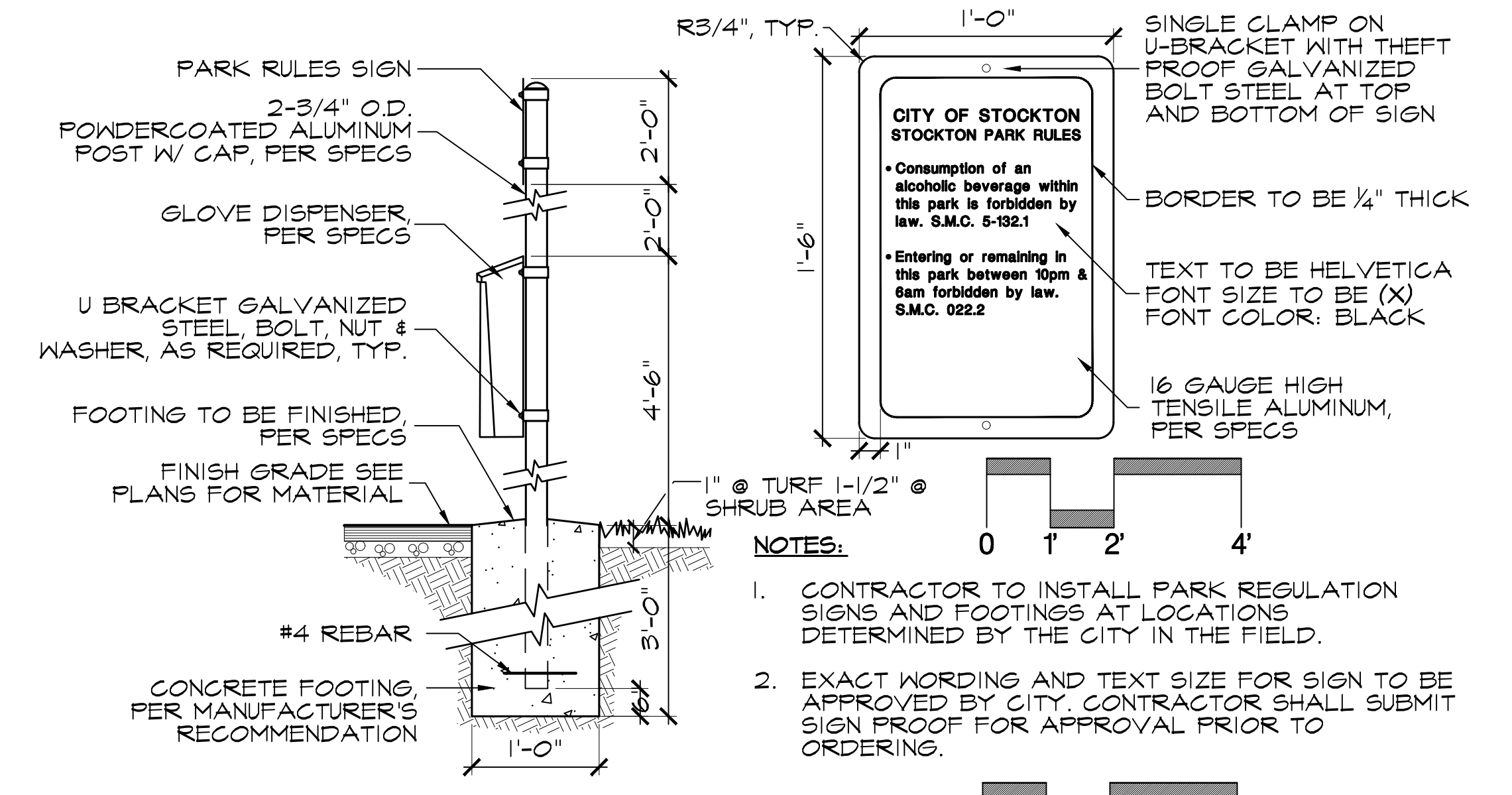
- NOTES:
1. SUPPLY LINES 3-INCHES IN DIAMETER AND LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.
 2. SEE SPECIFICATIONS FOR AMOUNT OF CONCRETE TO BE USED FOR THRUST BLOCK.

THRUST BLOCK MINIMUM DIMENSIONS

PIPE SIZE	90 DEG ELL		CROSS		TEE		45 DEG ELL		WYE	
	H	L	H	L	H	L	H	L	H	L
4"	1'-6"	2'-0"	1'-6"	1'-0"	1'-6"	1'-6"	1'-6"	1'-0"	1'-6"	1'-6"

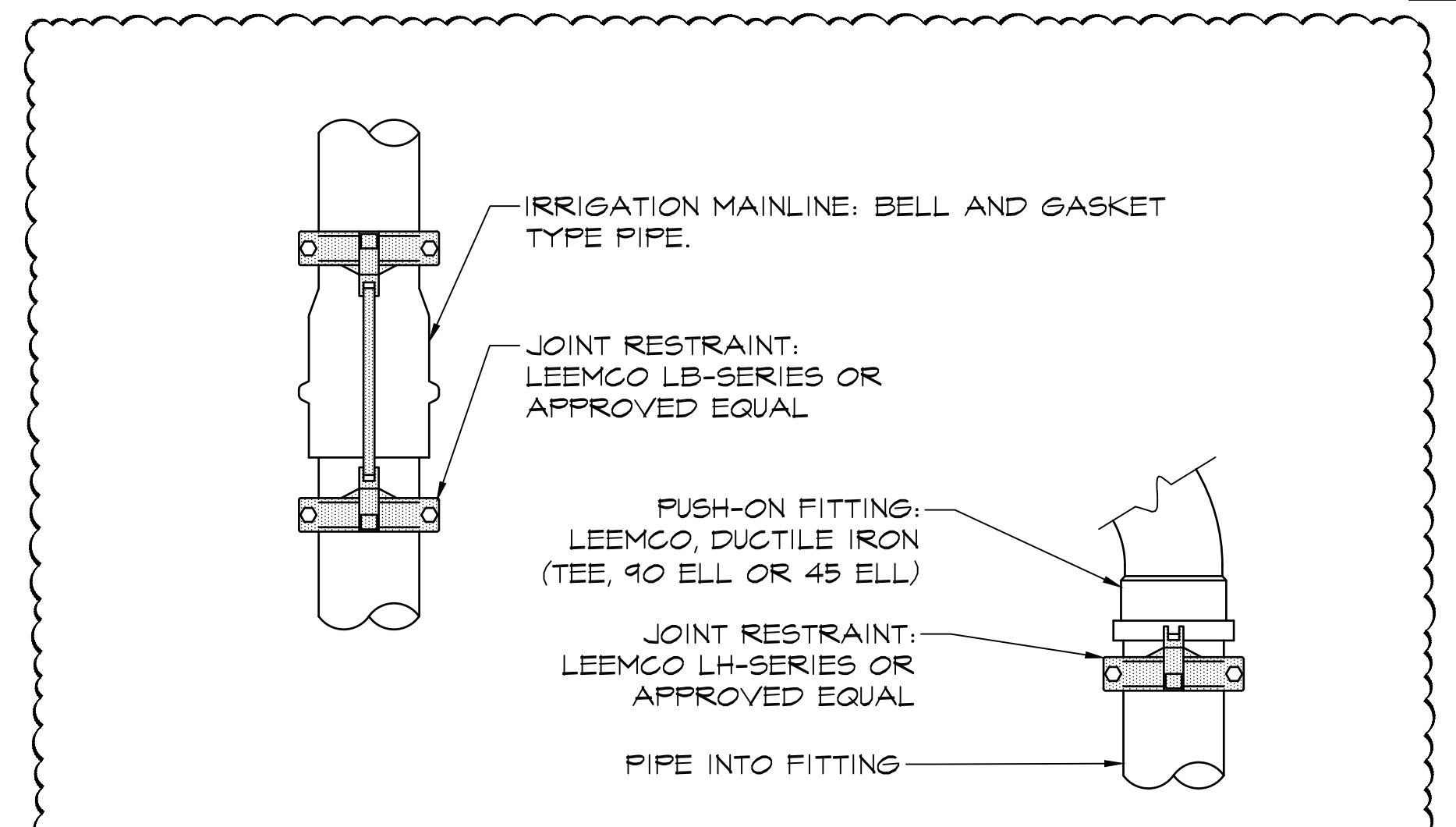
5 THRUST BLOCK SECTION/PLAN
LD1.4

N.T.S.



3 PARK RULES SIGN SECTION
LD1.4

stockton-mutmitt6.dwg



6 PIPE RESTRAINT FOR 3" MAINLINE AND LARGER SECTION
LD1.4

- NOTES:
1. USE JOINT RESTRAINTS ON ALL BELL AND GASKET MAINLINE PIPE. USE THRUST BLOCKS ON ALL SOLVENT WELD MAINLINE PIPE.
 2. SIZE OF RESTRAINT TO BE PER PIPE AND FITTING USED.



CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
LANDSCAPE DETAILS

PERMIT REVIEW SET

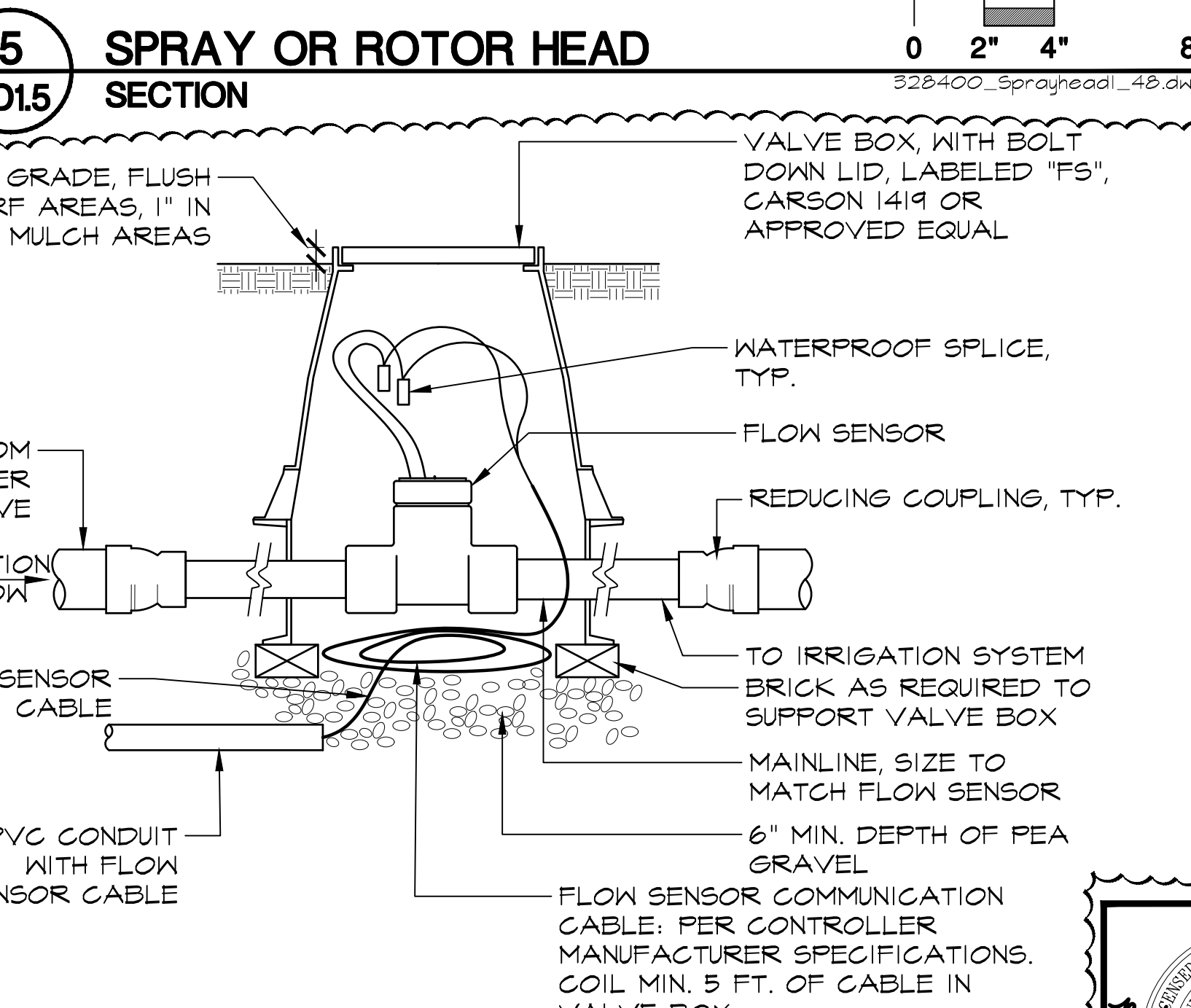
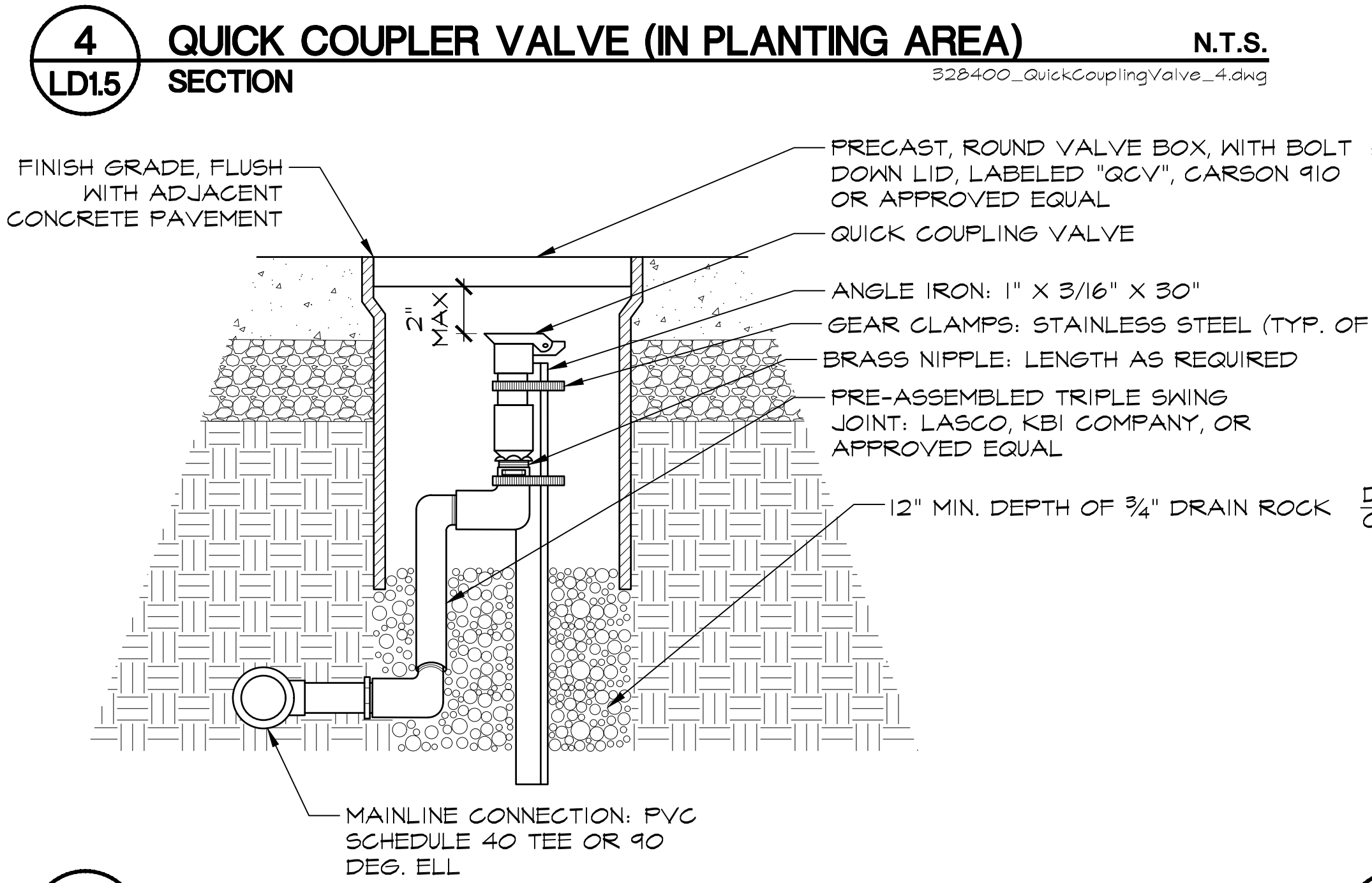
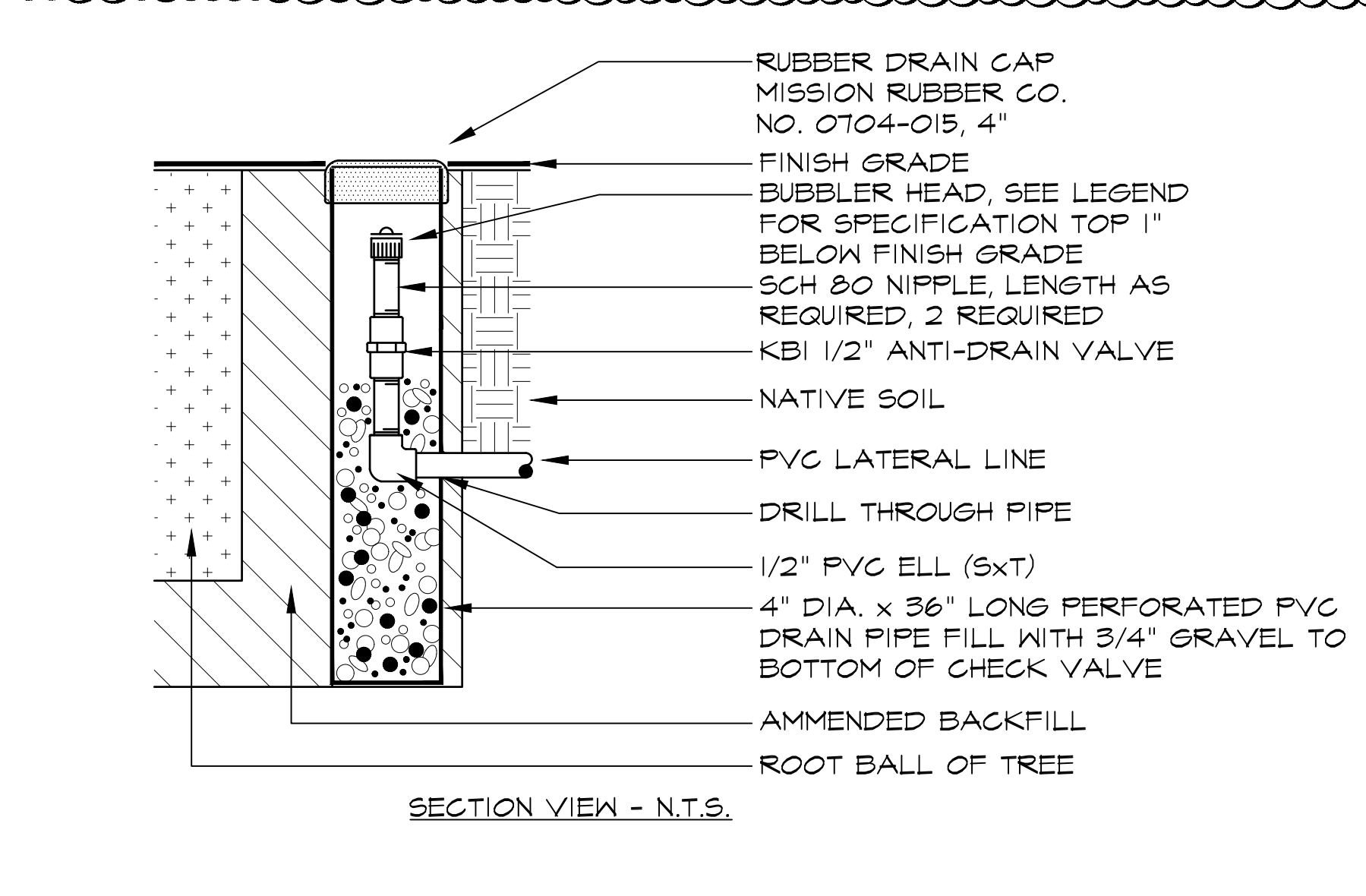
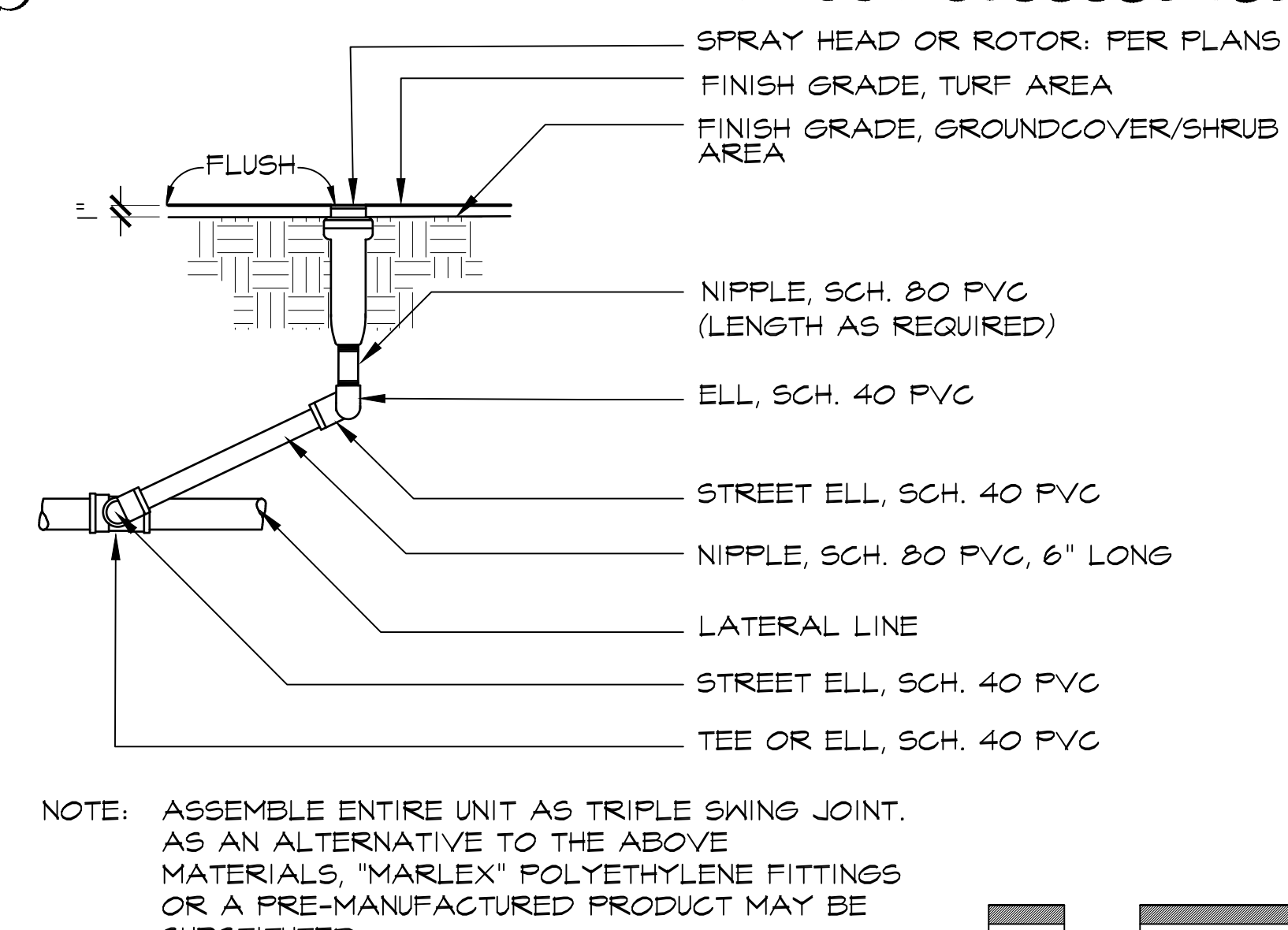
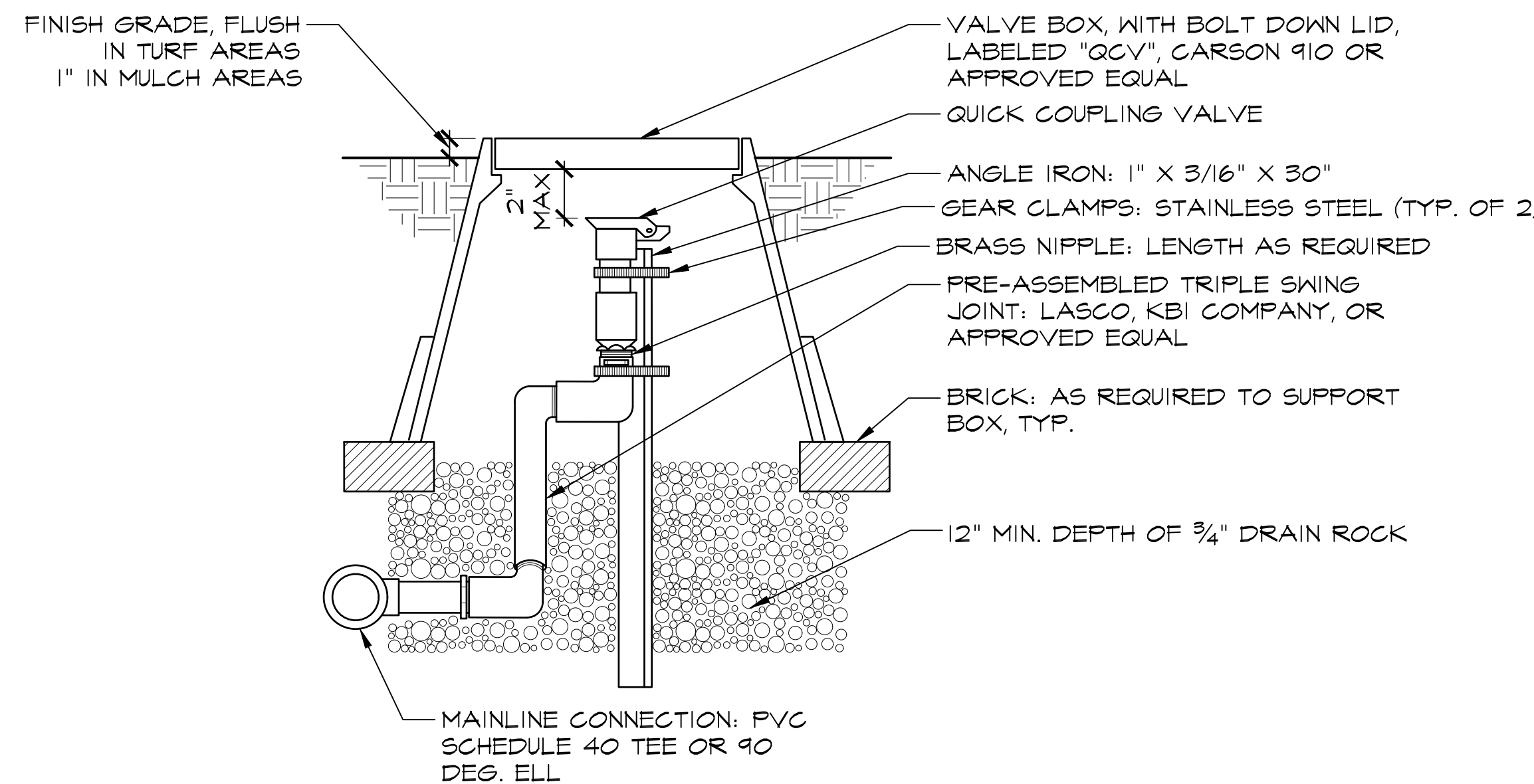
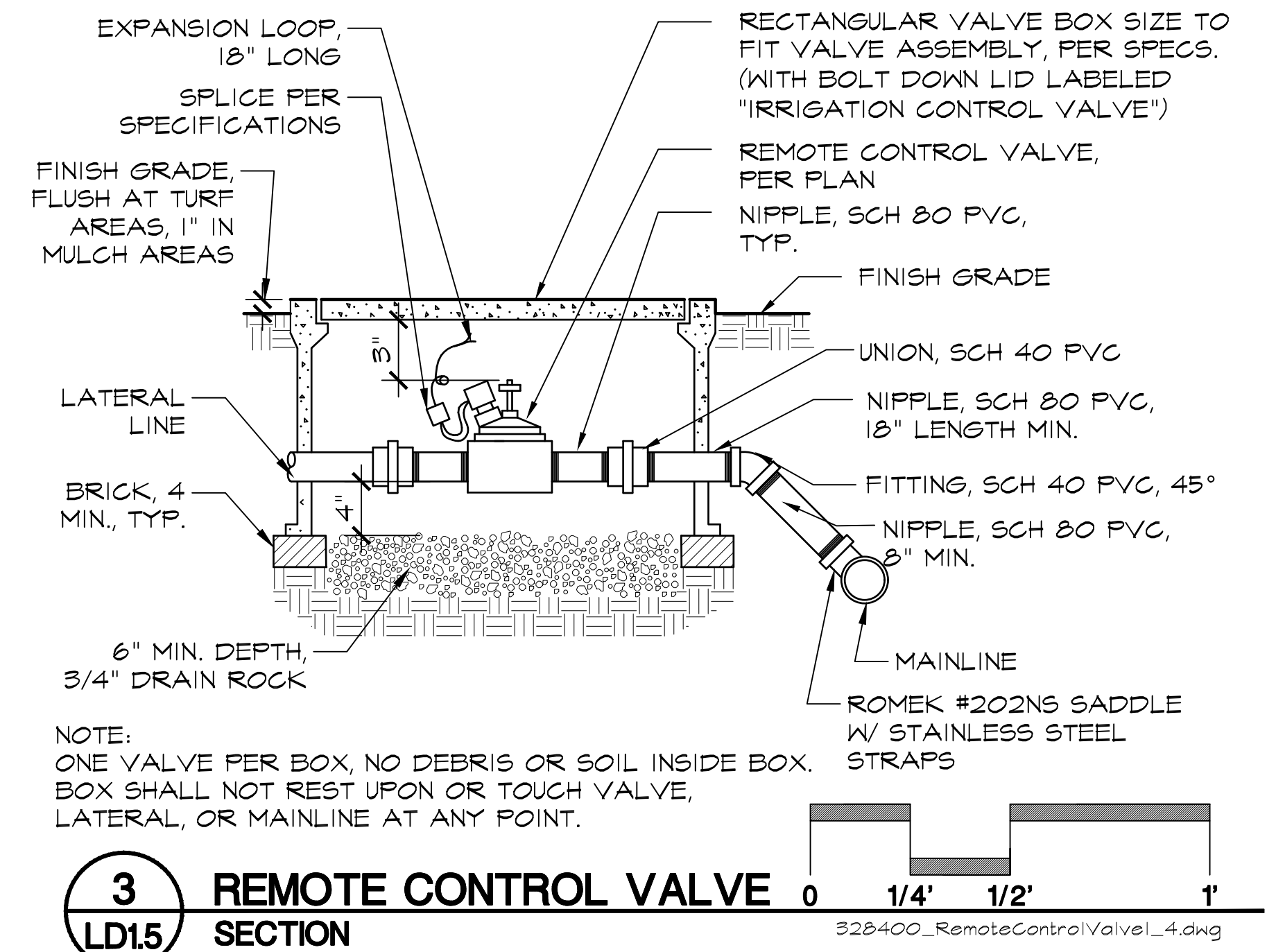
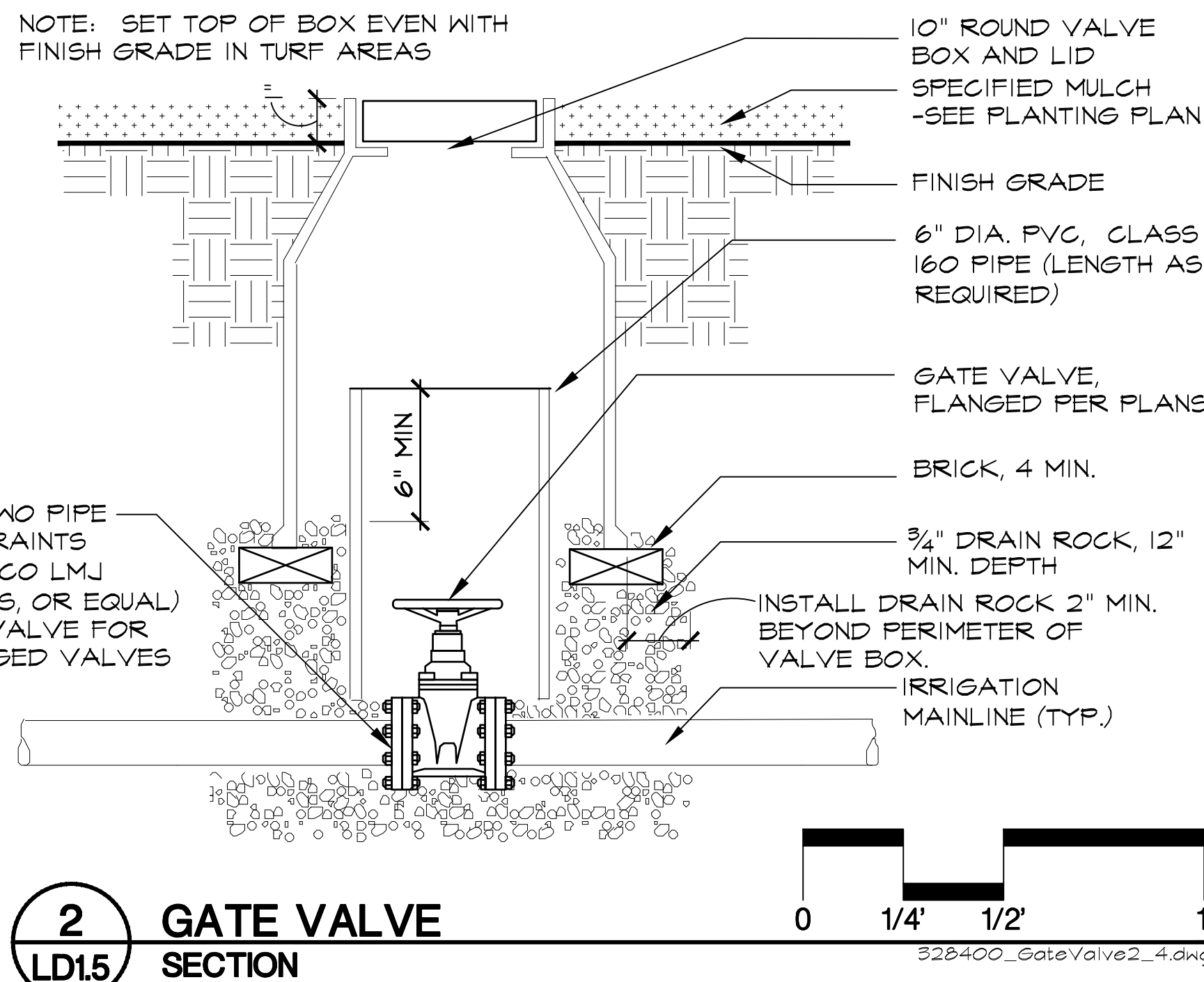
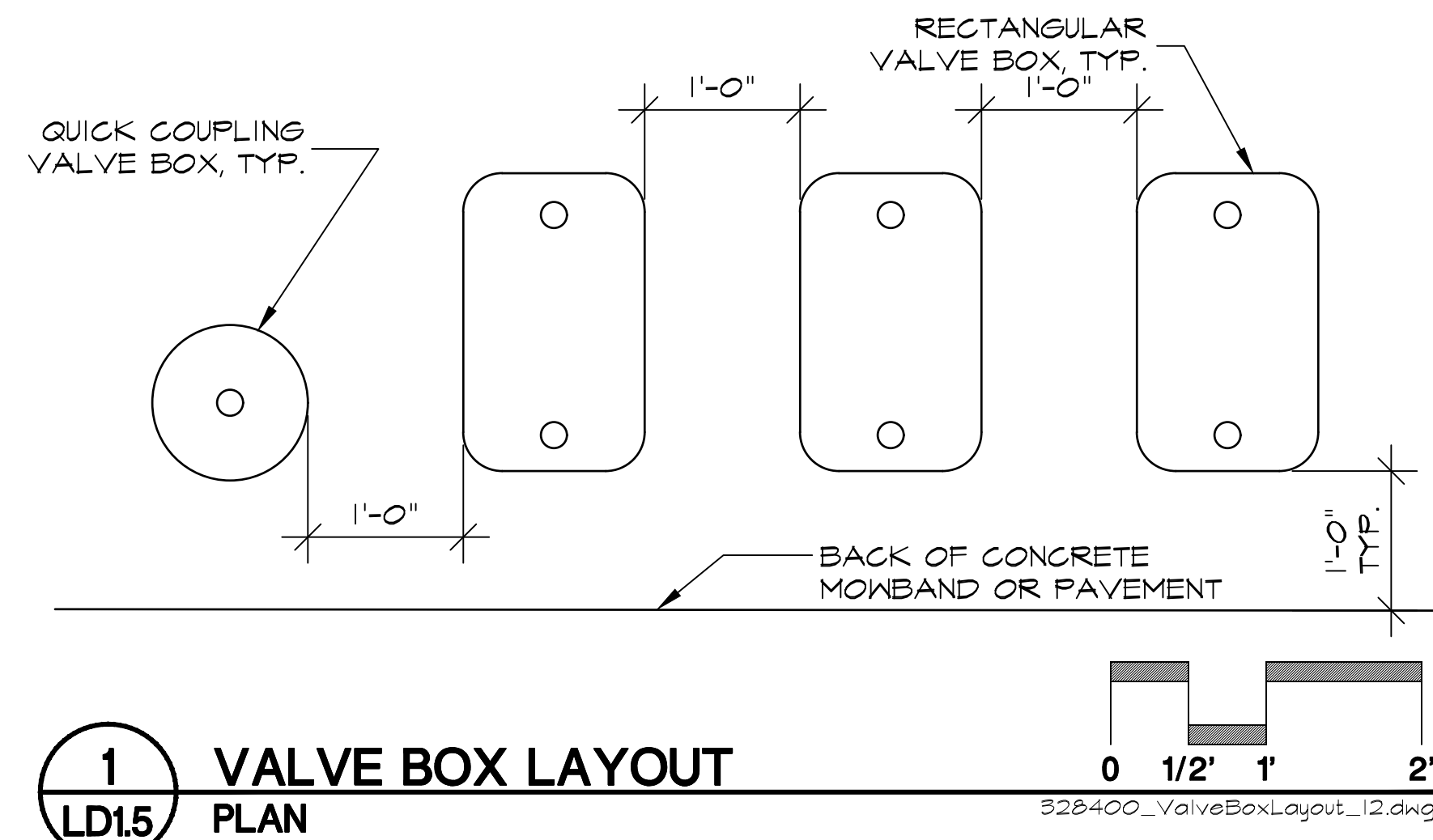
Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	LD1.4
DRAWN BY	CM		75 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

File Path: T:\Projects\21013_MckinleyParkRenovations\3_ConstructionDocuments\3101301.dwg, Plot Date: 11/14/22, Saved By: Cms, Copyright © 2022 Callander Associates, All Rights Reserved.

NOTES:

1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREAS.
3. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF ADJACENT PAVEMENT
4. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOXES.



CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
LANDSCAPE DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/22		

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DCM	DATE	LD1.5
DRAWN BY	CM		76 OF 162 SHTS
CHECKED BY	BW	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

File Path: T:\Projects\21013_MckinleyParkRenovations\21013010.dwg, Plot Date: 11/14/22, Saved By: CDM

JUPITER TWIN ACCESSIBLE USA

SHEET #	DESCRIPTION	REVISION
G11	FINISHES SCHEDULE	1-H
G2	STANDARD DETAILS	N/A
G3	FRONT PERSPECTIVE	N/A
G4	REAR PERSPECTIVE	1-H
B5	ELEVATIONS	1-H
B6	FLOOR PLAN	1-H
B7	SECTION A-A	1-H
B8	SECTION B-B	1-H
B9	SECTION C-C	1-H
B10	SECTION D-D	1-H
B11	SCHEMATIC SERVICES PLAN	1-H
B12	POWER - ONE LINE DIAGRAM	1-H
P13	JUPITER TWIN ACCESSIBLE WASTEWATER SYSTEM	1-C
P14	WATER SUPPLY VALVE TRAIN	1-A
G15	SIGN DOOR ASSEMBLY USA - ADA	1-A
G16	ACCESSIBLE RESTROOM DOOR SIGN	1-A
B17	FLOOR SLAB - PLAN & SECTION	1-A
B18	FLOOR SLAB - REINFORCING DETAIL	1-A
B19	FLOOR SLAB - FOUNDATION PLAN	1-O
S20	STEEL FRAME - B.O.M - FRONT	1-H
S21	STEEL FRAME - B.O.M - REAR	1-H
S22	STEEL FRAME - ELEVATIONS & PLAN	1-H
S23	STEEL FRAME - ELEVATIONS	1-H
S24	STEEL FRAME - ELEVATION & DETAILS	1-H
S25	STEEL FRAME - SWING DOOR OPTION	1-H
B26	AUXILIARY CONTROL BOX LAYOUT	1-H
B27	MAIN CONTROL BOX LAYOUT	1-H
B28	MAX LOAD TABLE	1-H
B29	APRON DETAIL	1-H

THIS DRAWING SET COVERS:
 1. JUPITER 22DD - AUTOMATIC TWIN ACCESSIBLE
 2. JUPITER 32DD - SEMI-AUTOMATIC TWIN ACCESSIBLE
 3. JUPITER 42/52DD - MANUAL TWIN ACCESSIBLE

REFER TO EXELOO QUALITY ASSURANCE MANUAL FOR FIT-OUT OPTIONS

PROJECT DATA:

ADDRESS: STATEWIDE APPROVAL

CODES & STANDARDS:

2019 CALIFORNIA BUILDING CODE (BASED ON THE 2018 IBC)
 2019 CALIFORNIA MECHANICAL CODE (BASED ON THE 2018 UMC)
 2019 CALIFORNIA PLUMBING CODE (BASED ON THE 2018 UPC)
 2019 CALIFORNIA ELECTRICAL CODE (BASED ON THE 2017 NEC)
 2019 CALIFORNIA GREEN BUILDING STANDARD CODE (CGBSC)
 2019 CALIFORNIA ENERGY CODE

BUILDING INFO:

BLDG USE: PUBLIC RESTROOM
 BLDG OCCUP: B
 OCCUPANT LOAD: 1/PER STALL
 CONSTRUCTION TYPE: (IBC 602) TYPE V-B
 BLDG AREA: 135 SF (TABLE 506.2 ALLOWED 9,000 SF)
 BLDG HTG: 9'-0" SINGLE STORY
 EXITS REQD: 1/STALL
 EXITS PROVIDE: 1/STALL
 FIRE SUPPRESSION: NON-SPRINKLERED

APPLICABLE LOADS:

ROOF LIVE LOAD: 20
 DEAD LOAD: 10
 SNOW LOAD: 20

FLOOR LOAD: 40

WIND SPEED: 115
 EXPOSURE: C
 SEISMIC DESIGN CATEGORY: E
 RISK CATEGORY: 2

BLDG HVAC: N/A

NOTE: THIS IS A NON-CONDITIONED BUILDING

EXELOO FINISHES SCHEDULE

#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
STRUCTURAL				
1	Floor	Stresscrete	Steel Reinforced concrete	Slab thickness 6 5/16" 1/8" steel reinforced concrete
2	Walls	Galvanised steel frame	Electro Plated Duragalv	3/16" & 1/8" thick electroplated galvanised steel
3	Roof Frame	Galvanised steel frame	Electro Plated Duragalv	3/16" & 1/8" thick electroplated galvanised steel

#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
EXTERIOR LININGS				
4	Wall Cladding	Fibre Cement Solutions Ltd	Eterpan MD Fibre cement sheet	1/2" & 11/16" Fibre cement laminated sheet
5	Roof	MetalCraft	Structural insulated panels	SIP 3 15/16" panel roofing 15 years warranty under right maintenance plan
6	Gutter & Flashings	Steel & Tube	Coloursteel	10-15 years warranty under right maintenance plan
7	Vent Pipes	Mico	uPVC	DN80 and manufactured to NZ/AS 1260
8	Doors	Cavity Sliders	Stainless steel T316 Brushed	Stainless steel sheet skin with alloy interior
9	Paint	Allex	Epoxy 2 part paint	5 - 10 years warranty under the right maintenance plan
10	Grills	Exeloo	Solid grills cut and folded by Exeloo	T316 Stainless Steel Brushed #4

#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
INTERIOR LININGS				
11	Wall Cladding	Fibre Cement Solutions Ltd	Eterpan MD Fibre cement sheet	1/2" & 11/16" Fibre cement laminated sheet
12	Floor Finish	Cutting Edge Tiling	Brasil Nero Charcoal	Ceramic Non Slip tiles 17 11/16" x 17 11/16"
14	Wall linings - Toilet/Shower	Cutting Edge Tiling	Sanctuary Cool White	Ceramic tiles 11 13/16" x 23 5/8"

#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
ELECTRICAL FITTINGS				
16	Control Box	PLC Power	PLC Control Box	Proface LT3300-T

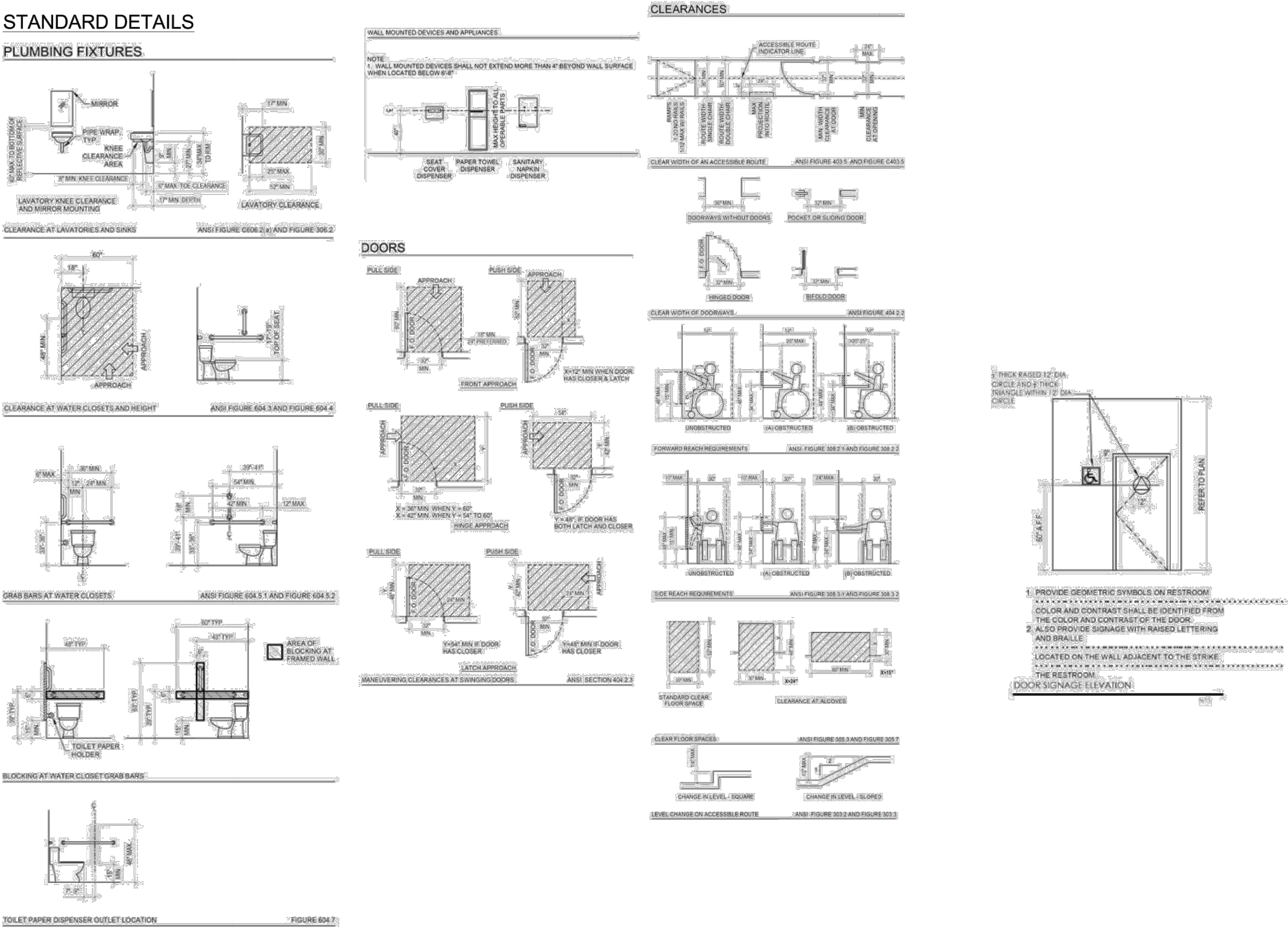
#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
PLUMBING FITTINGS				
19	Toilet pans	Stoddart	Stainless steel	23 5/8" - 27 9/16" stainless pans.
20	Zurn Valve	MacDonald Industries	Flushing system	1.31gal - 2.64gal flushing capacity
21	Water supply system	Rifeng	Stainless steel crimp ring plumbing system	Pex Pipe & MLP (Multilayer pipes) - Rifeng DZR Universal fittings
22	Waste water system	Iplex	UPVC pipes	DN150 and manufactured to NZ/AS 1260
23	WS 400	Duraclenz	Stainless Steel recessed unit	Soap, Water & hand dryer built in wash station
24	Water Solenoid	SMC	SIRAL L177B04	PS = 30 bar

#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
HARDWARE				
25	Door hardware	Legge	Legge 800 Series	Forged Brass and 10 year warranty
26	Grab rails	Supergrip	Stainless Steel	1 1/4" knurled stainless grab rails

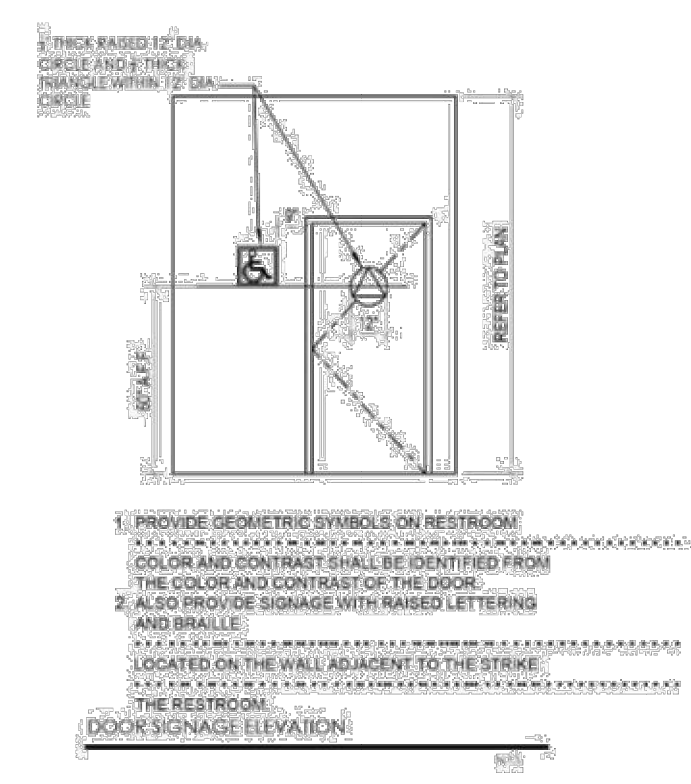
#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
SEATING & TABLES				
27	Baby Change table	Duraclenz	Stainless Steel & fibreglass inserts	Weight limit 187lbs

#	ITEM	SUPPLIER	DETAIL	SPECIFICATION
ACCESSORIES				
30	Floor Dry Fans	Fantech	CEG MN80C2 - 0MLT	1.5kw 230V
31	Exterior Fans	Fantech	Fantech FR150 USA	120V CFM 263
32	Exterior Lights	Dualcom Technology Ltd	Battanpro-300-12V LED SMD2835	1000Lm 10W IP65
33	Interior Lights	Dualcom Technology Ltd	Battanpro-600-12V LED SMD2835	2000Lm 20W IP65
34	Speakers	VEXX	For music & instruction	5" speaker
35	Security System	Integrated Consulting	Dahua Starlight pinhole camera	2MP HDCVI covert camera with 3.6mm lens
36	Paper Dispenser	Duraclenz	Stainless Steel EMD8200RH	Dual roll holder
37	Nappy / Sani chute	Duraclenz	Hinged flap chute	Stainless Steel T304 Brushed

1 RESTROOM NOTES AND INDEX
LD1.6



2 EXELOO FINISHES SCHEDULE
LD1.6



3 RESTROOM STANDARD DETAILS
LD1.6 PLAN



12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.cclandersassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

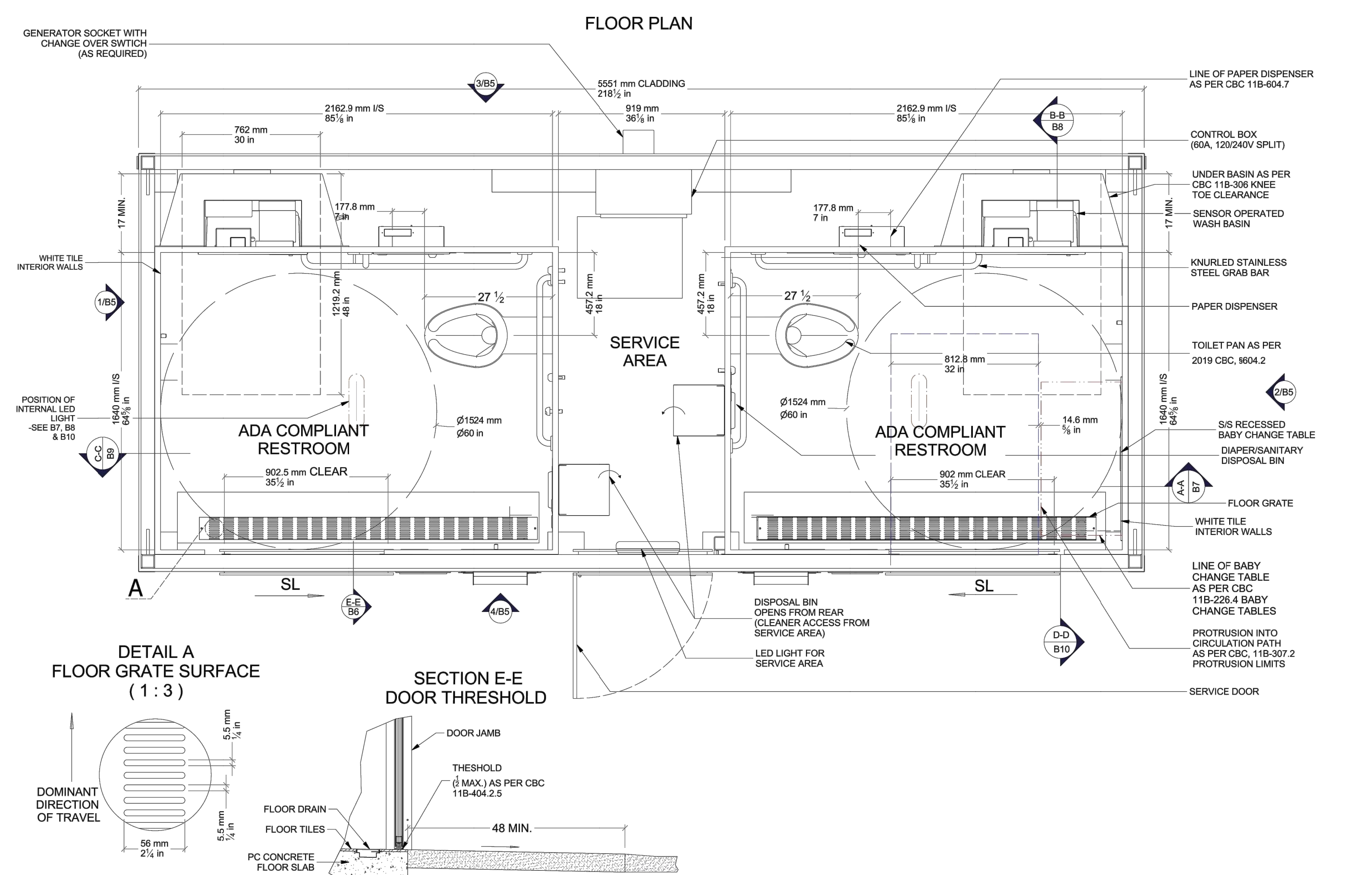
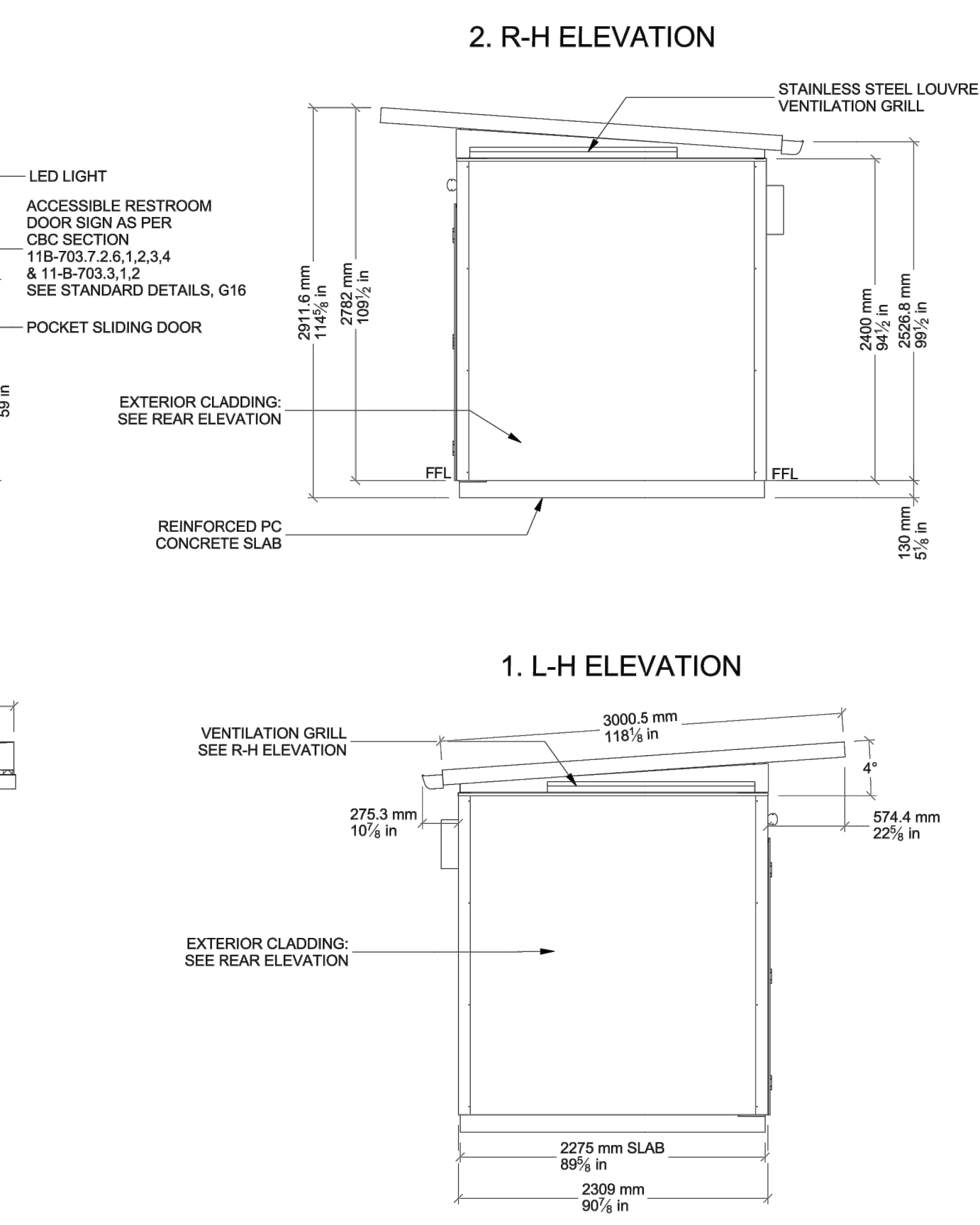
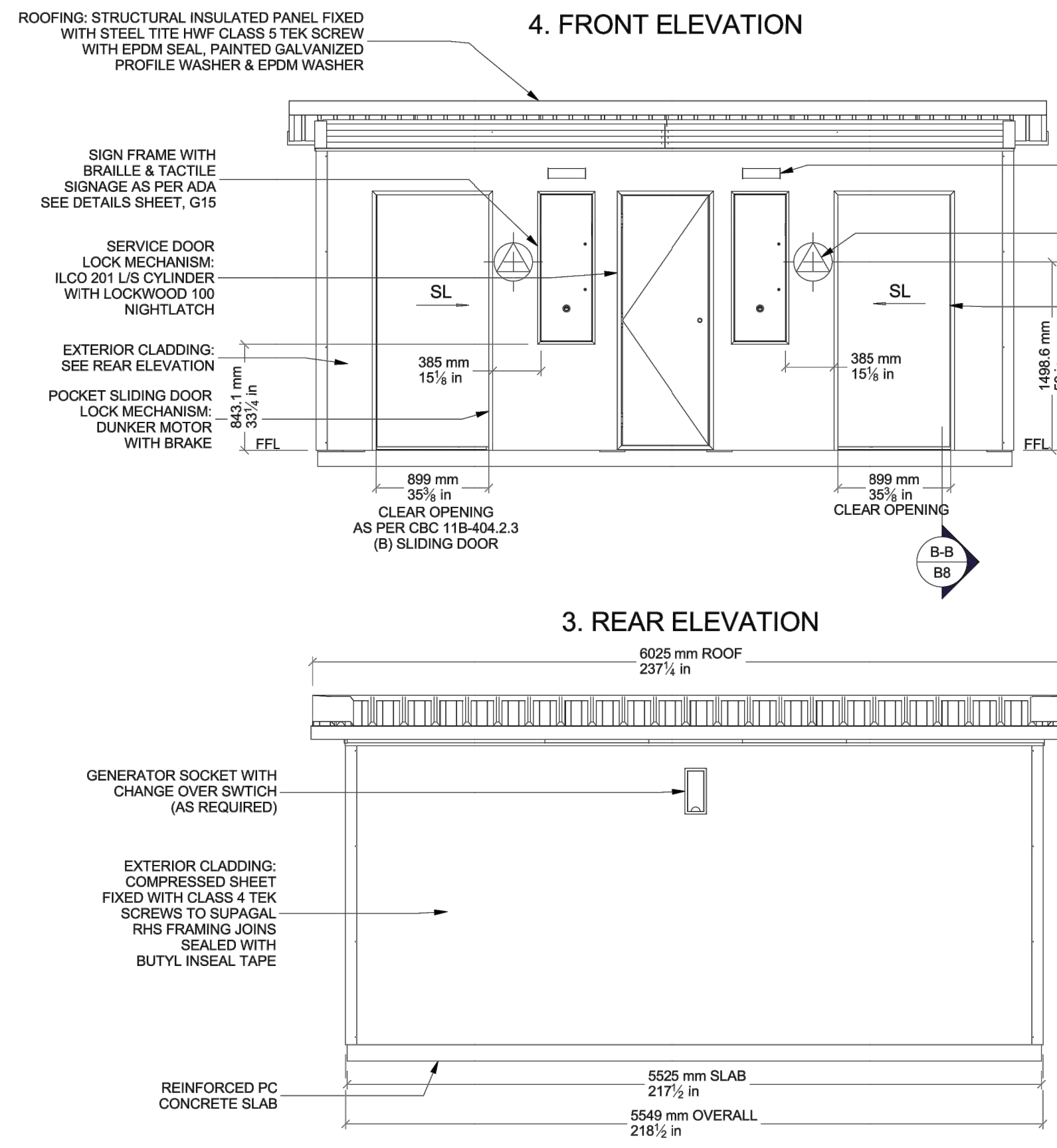
MCKINLEY PARK RENOVATIONS PROJECT
 RESTROOM BUILDING DETAILS

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. LD1.6
DESIGNED BY DCM	DATE	77 OF 162 SHTS
DRAWN BY CM		PROJECT NO.
CHECKED BY BW	CITY ENGINEER	210237
RECORD DWGS.	STOCKTON, CALIFORNIA	

Revision No.	Description	Date	By	Aprvd. By

PERMIT REVIEW SET

File Path: \\projects\2023\21013_MckinleyParkRenovations\3_ConstructionDocuments\21013_07_Aug_Plot\Draw_111622_SavedBy: Ccm
 Copyright © 2023 Calander Associates, Inc.

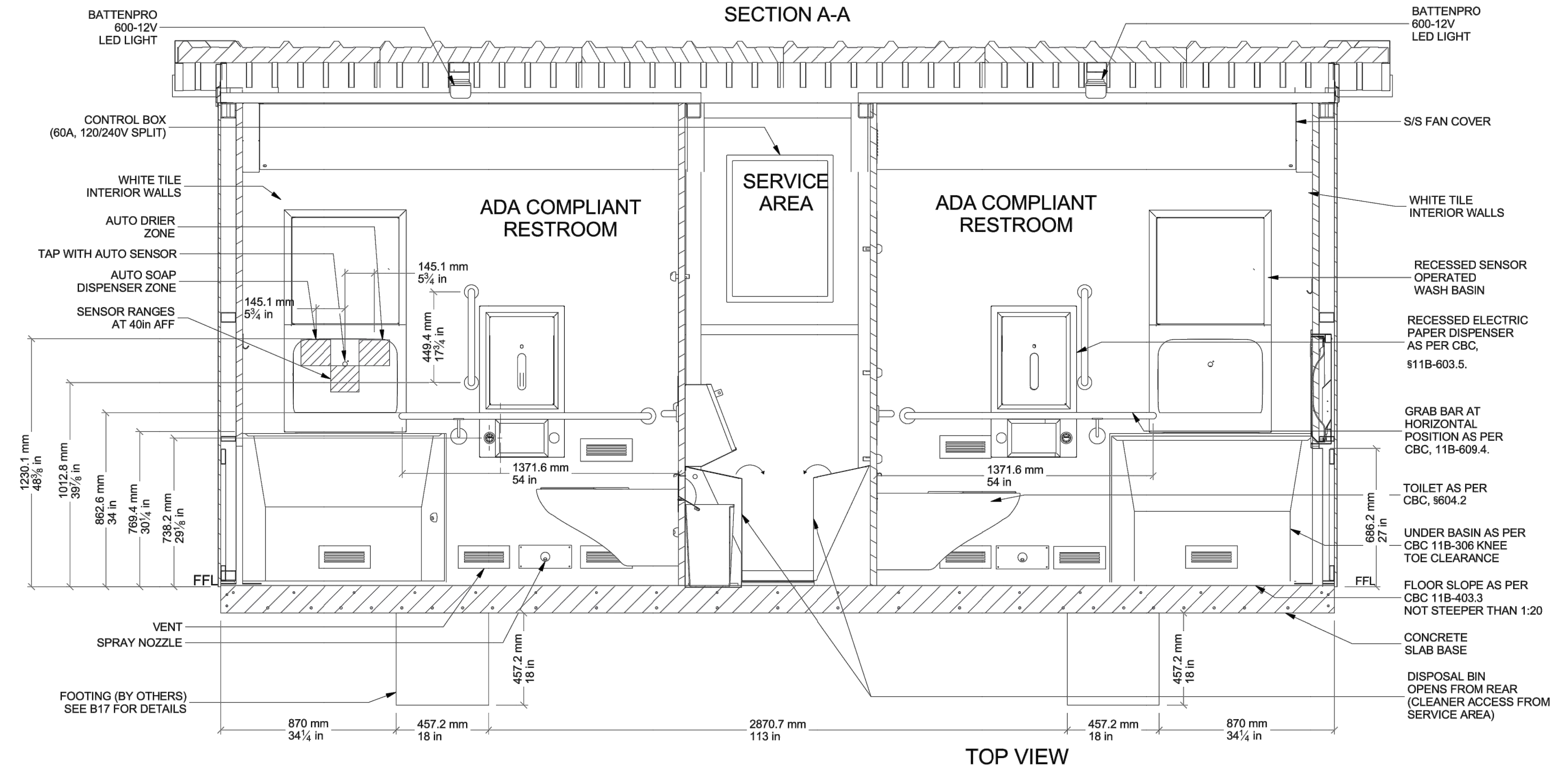


DUE TO THE POTENTIAL PERSONAL HAZARD WITH THE AUTOMATIC OPENING RESTROOM POCKET DOORS THE MOUNTING OF THE UNISEX GEOMETRIC SYMBOL WITH THE PICTOGRAM, RAISED CHARACTERS AND GRADE II BRAILLE WILL BE MOUNTED ON ADJACENT TO THE RESTROOM OPENINGS, BASED ON THE PROVISIONS OF CBC §11B-703.7.2.6 AND THE 2019 CALIFORNIA ACCESS COMPLIANCE ADVISORY REFERENCE MANUAL (DSA).

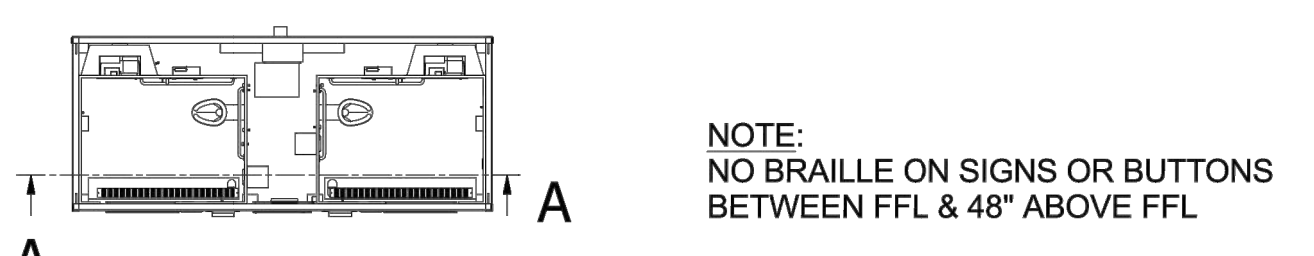
NOTE:
NO BRAILLE ON SIGNS OR BUTTONS BETWEEN FFL & 48" ABOVE FFL

1 RESTROOM SECTION ELEVATIONS
LD1.7 SECTION/ ELEVATION

2 RESTROOM FLOOR PLAN
LD1.7 SECTION



2 RESTROOM SECTION A-A
LD1.7 SECTION



NOTE:
NO BRAILLE ON SIGNS OR BUTTONS BETWEEN FFL & 48" ABOVE FFL



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
RESTROOM BUILDING DETAILS

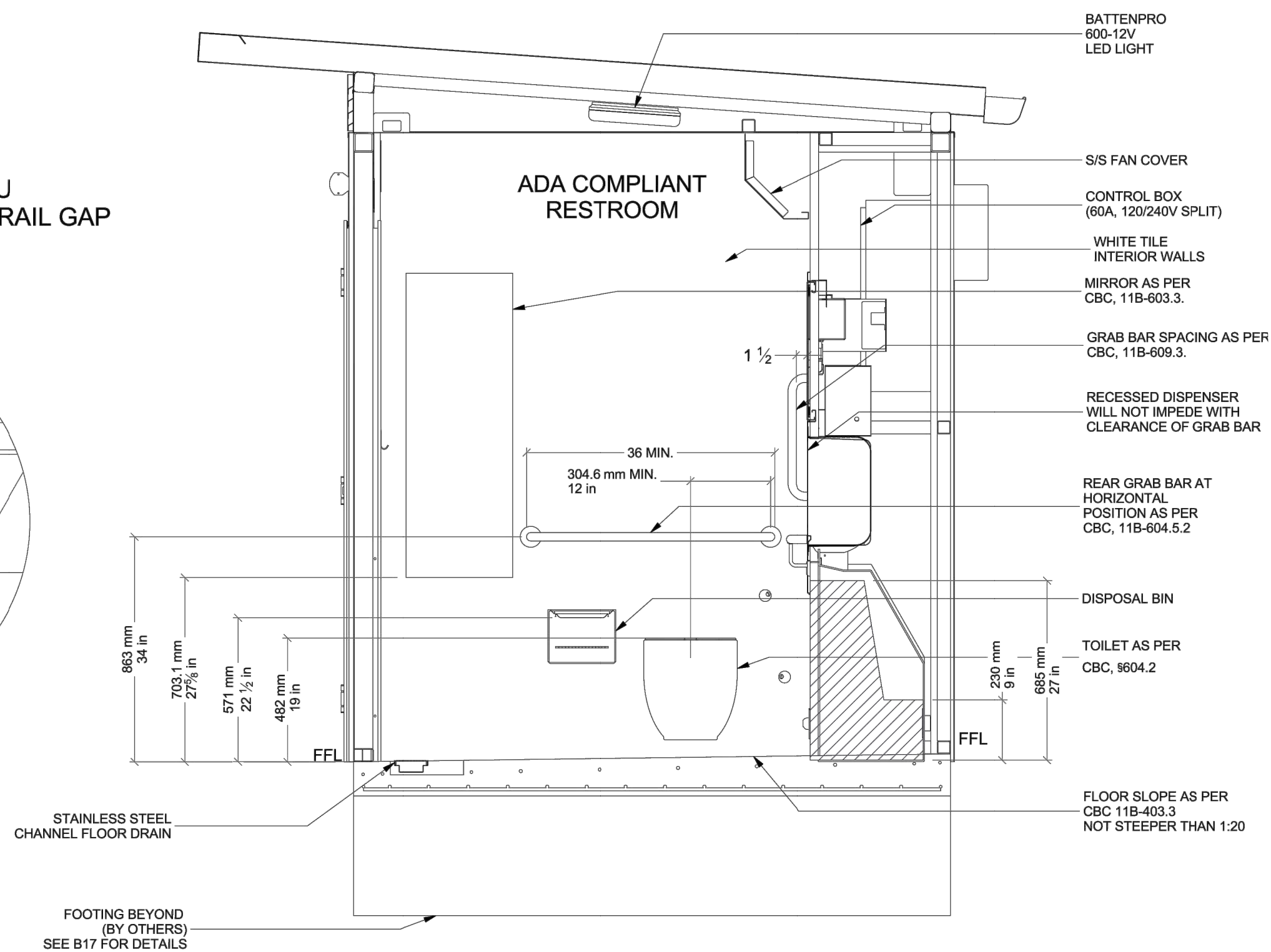
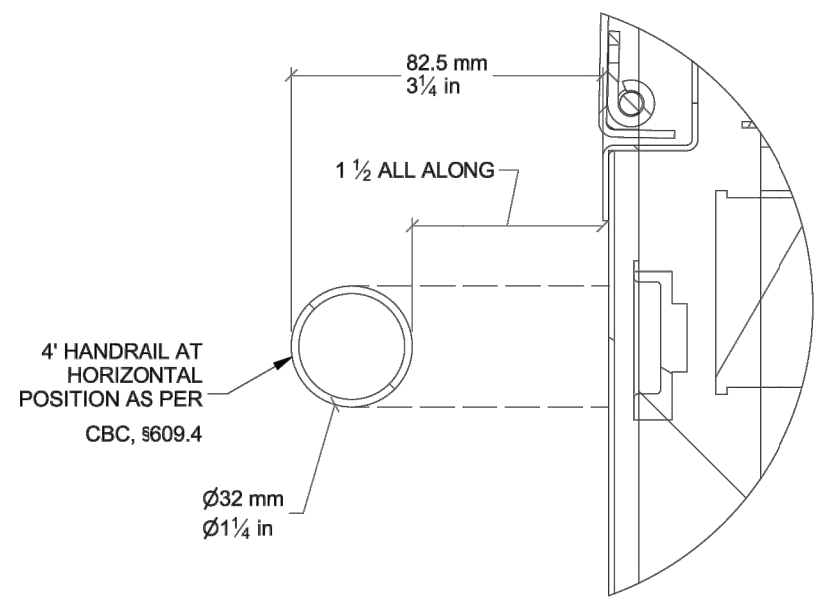
PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	SHEET NO. LD1.7
DESIGNED BY DCM	APPROVED BY: DATE	DRAWN BY CM	78 OF 162 SHTS
CHECKED BY BW	CITY ENGINEER	RECORD DWGS.	WR21017 PROJECT NO.
STOCKTON, CALIFORNIA			

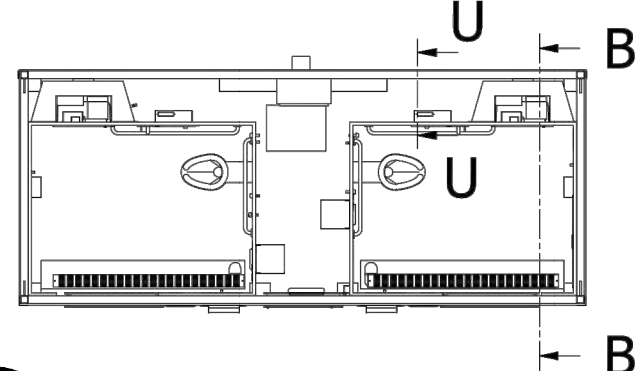
File Path: T:\Projects\21013_MckinleyParkRenovations\3_ConstructionDocuments\310130101.dwg, Plot Date: 11/14/22, Saved By: Cmc, Copyright © 2022 Callander Associates, Inc.

SECTION DETAIL U
PAPER DISPENSER-HANDRAIL GAP

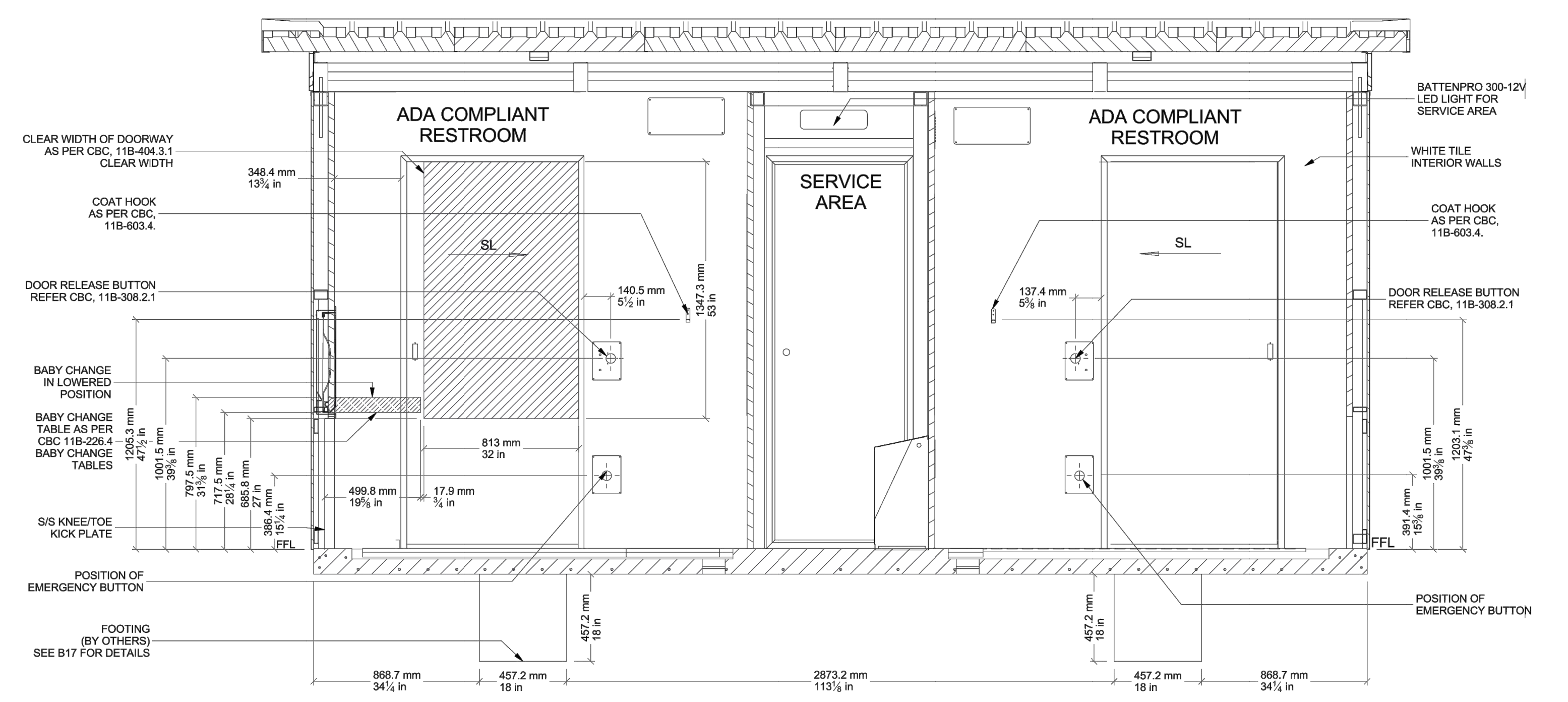


NOTE:
NO BRAILLE ON SIGNS OR BUTTONS
BETWEEN FFL & 48" ABOVE FFL

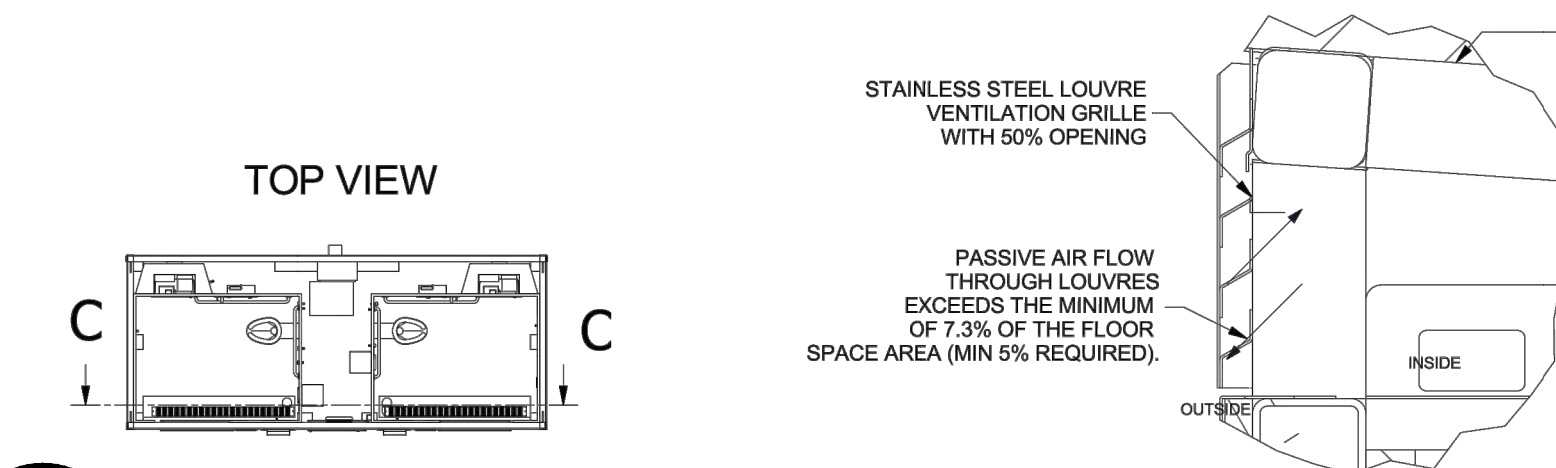
TOP VIEW



1 RESTROOM SECTION B-B
LD1.8 SECTION

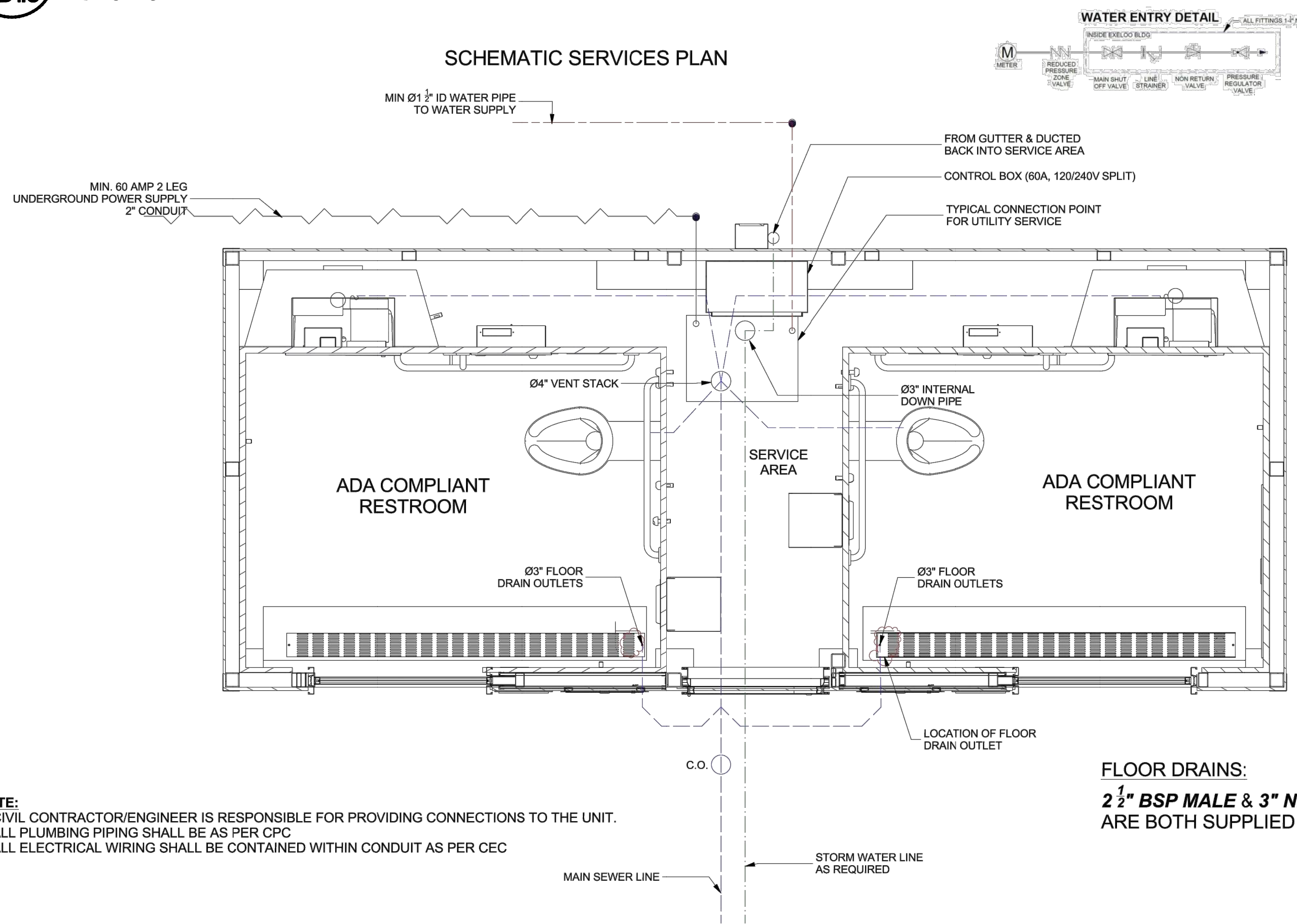


PASSIVE AIR FLOW REQUIREMENT



2 RESTROOM SECTION C-C
LD1.8 SECTION

SCHEMATIC SERVICES PLAN

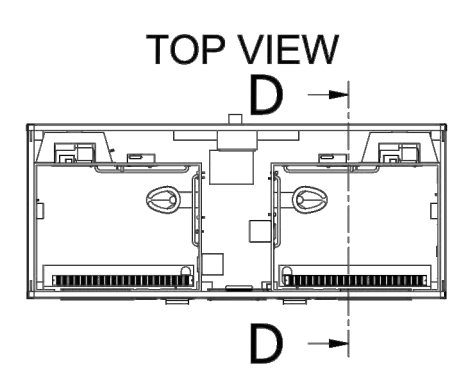
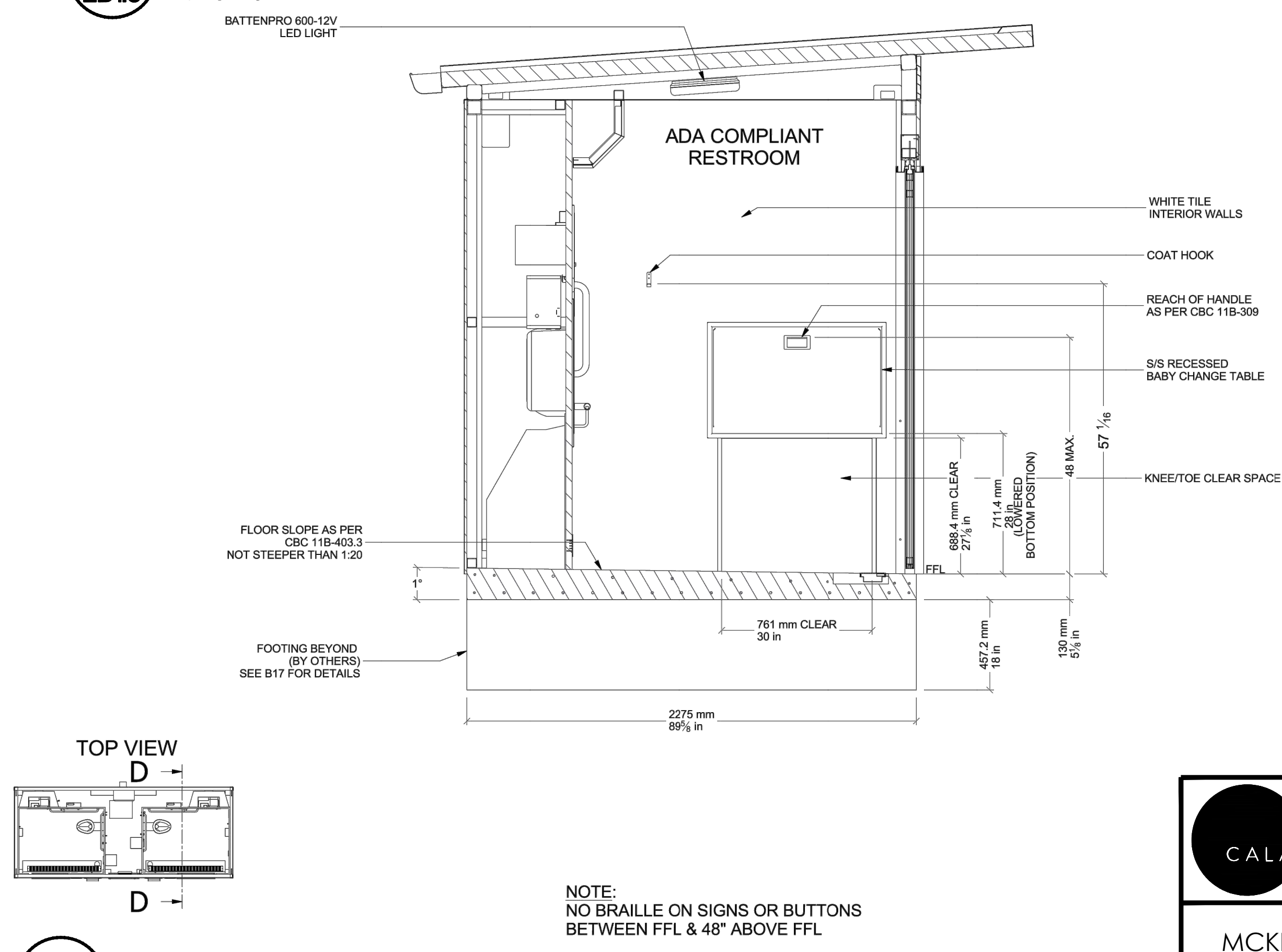


FLOOR DRAINS:
2 1/2" BSP MALE & 3" NPT FEMALE
ARE BOTH SUPPLIED BY EXELOO

NOTE:
1. CIVIL CONTRACTOR/ENGINEER IS RESPONSIBLE FOR PROVIDING CONNECTIONS TO THE UNIT.
2. ALL PLUMBING PIPING SHALL BE AS PER CPC
3. ALL ELECTRICAL WIRING SHALL BE CONTAINED WITHIN CONDUIT AS PER CEC

Exeloo Ltd does not guarantee that information shown on these drawings indicate any more than the presence or absence of such services and will not accept liability for any damage or losses caused to any party, by the actions of the Contractor or its agents and subcontractors. The Contractor is required to make its own investigations, contact all service providers and verify the type and location of all services prior to commencement of any construction work on site.

3 SCHEMATIC SERVICE PLANS
LD1.9 PLAN



NOTE:
NO BRAILLE ON SIGNS OR BUTTONS
BETWEEN FFL & 48" ABOVE FFL

4 RESTROOM SECTION D-D
LD1.8 SECTION

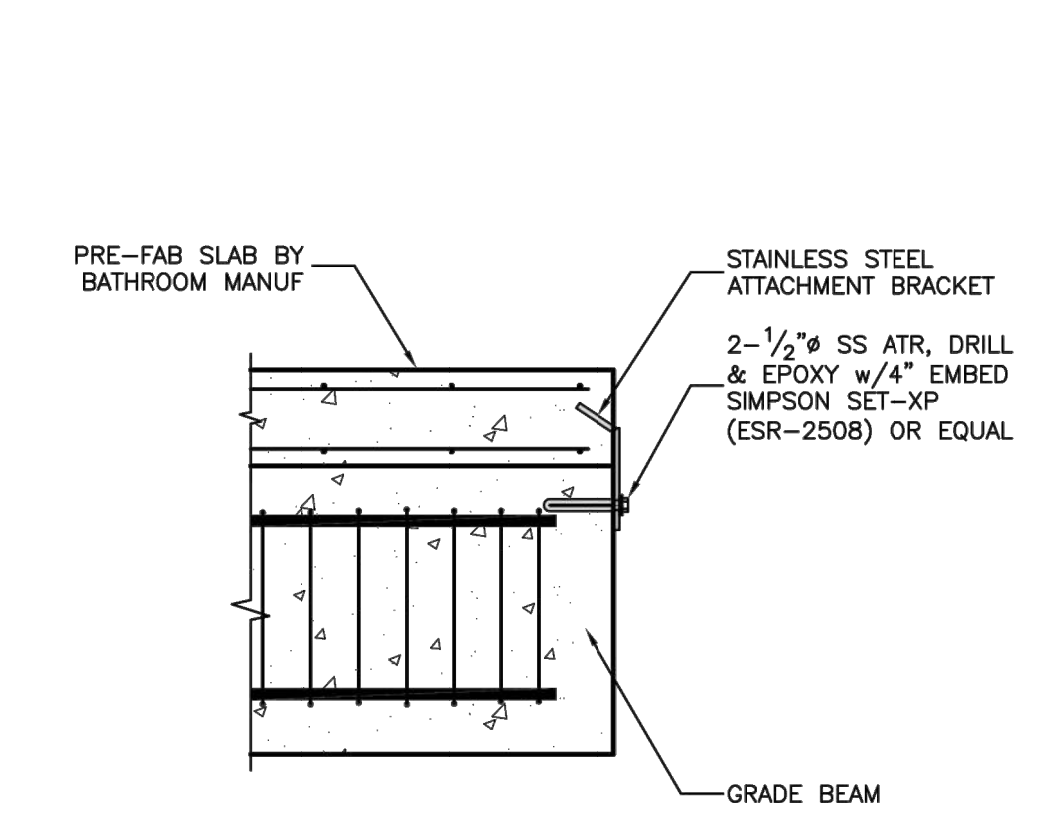


12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.ccallanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

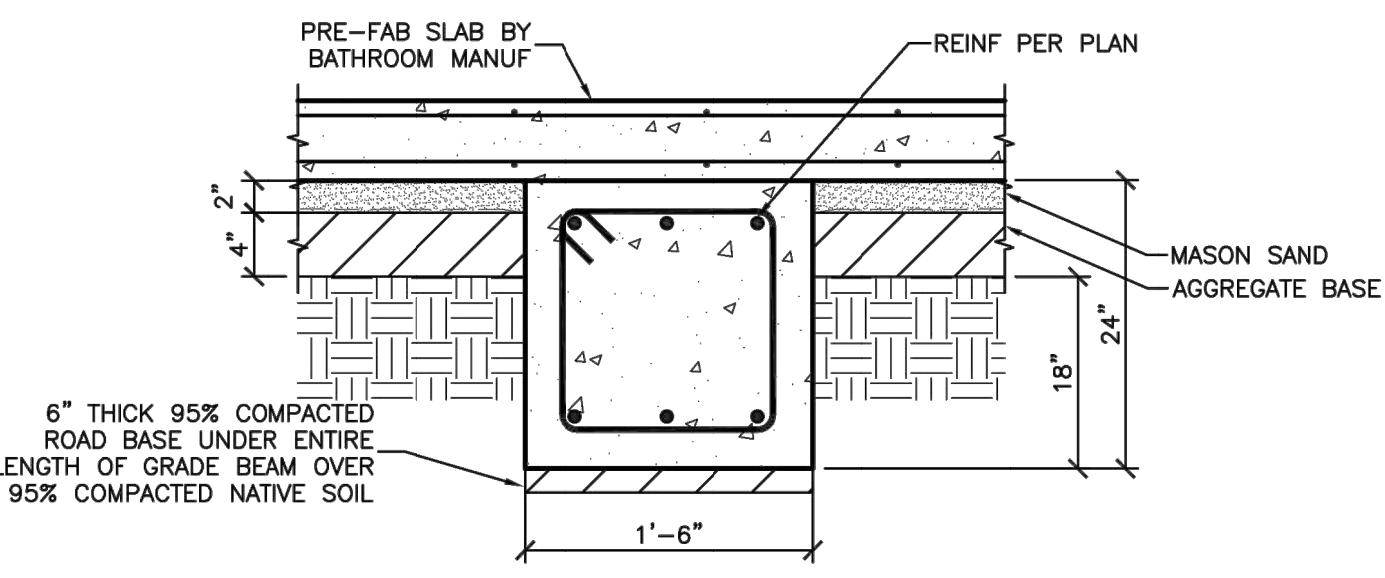
MCKINLEY PARK RENOVATIONS PROJECT
RESTROOM BUILDING DETAILS

Revision No.	Description	Date	By	Aprvd. By

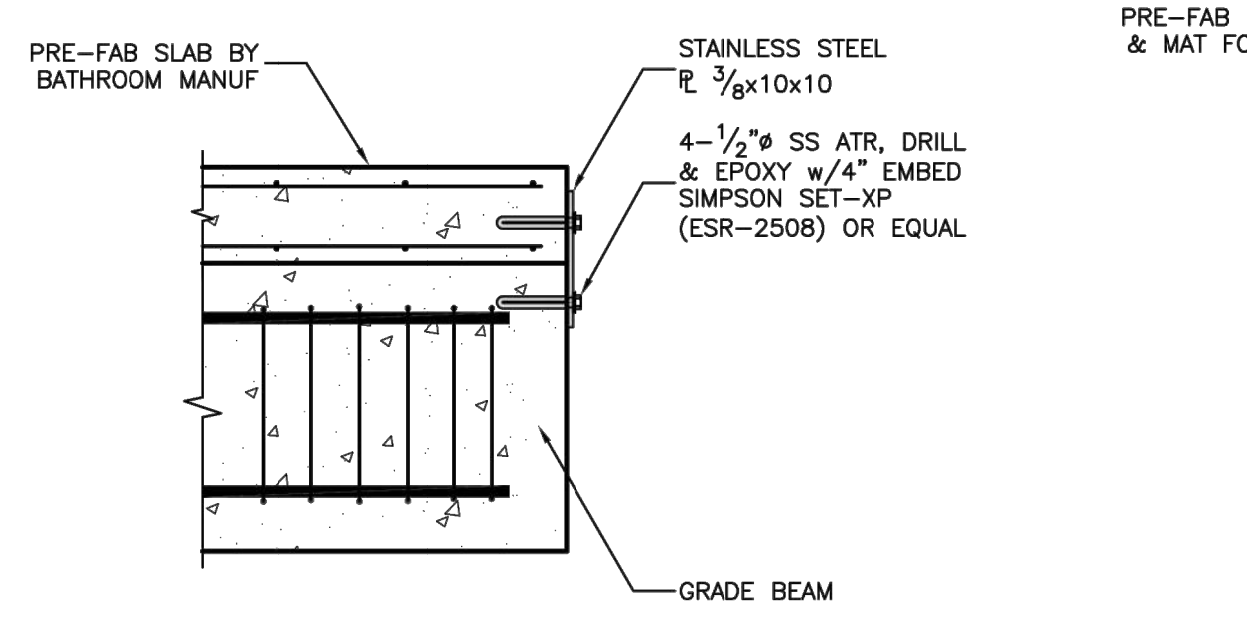
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: DATE	SHEET NO. LD1.8
SCALE AS SHOWN	DRAWN BY CM	CITY ENGINEER STOCKTON, CALIFORNIA	79 OF 162 SHTS
DESIGNED BY DCM	CHECKED BY BW	WR21017	PROJECT NO.
RECORD DWGS.			



2
SLAB TO FTG TIE
PARTIAL SCALE 1"=1'-0"



1
GRADE BEAM @ SLAB
PARTIAL SCALE 1"=1'-0"

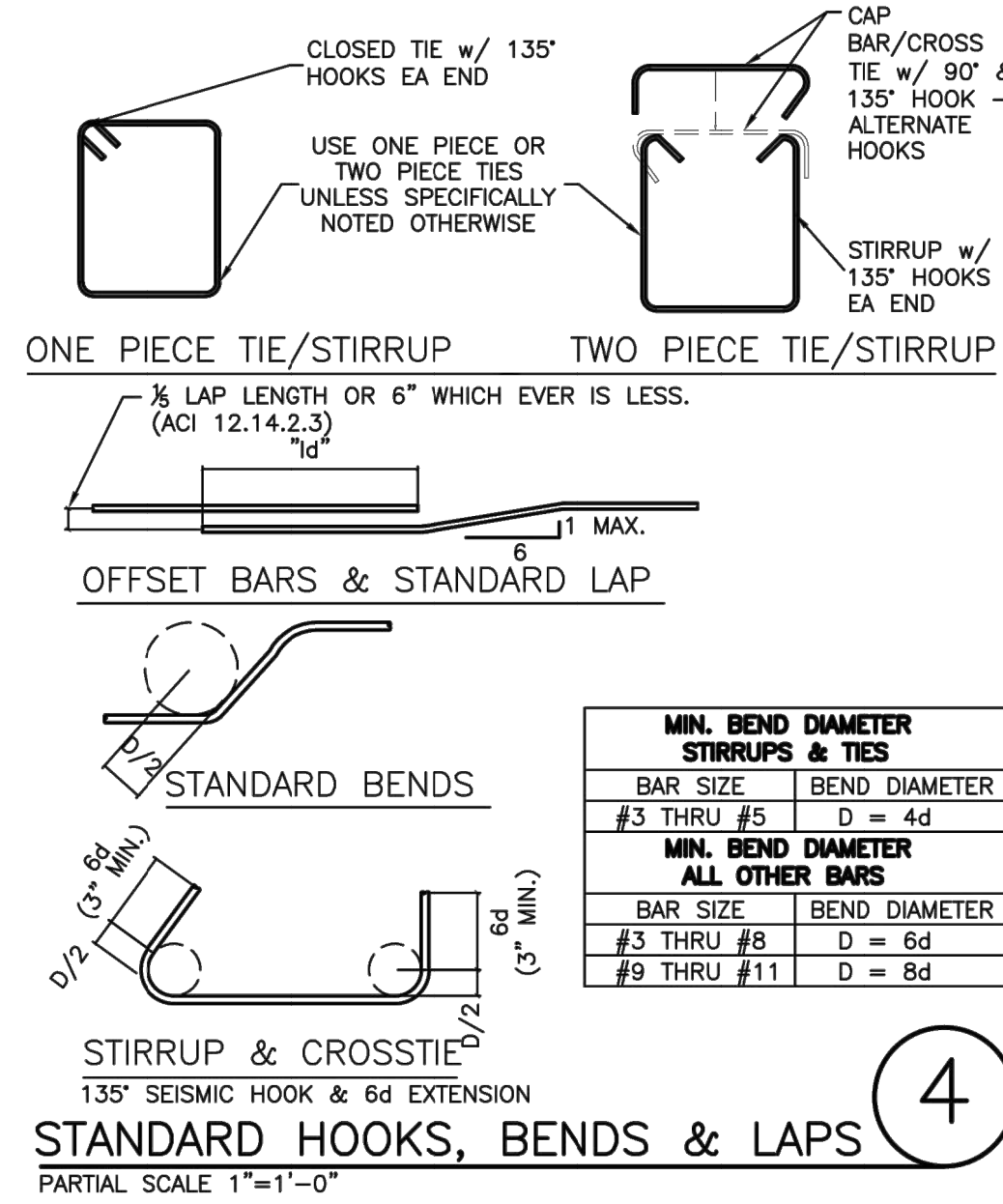


3
ALTERNATE SLAB TO FTG TIE
PARTIAL SCALE 1"=1'-0"

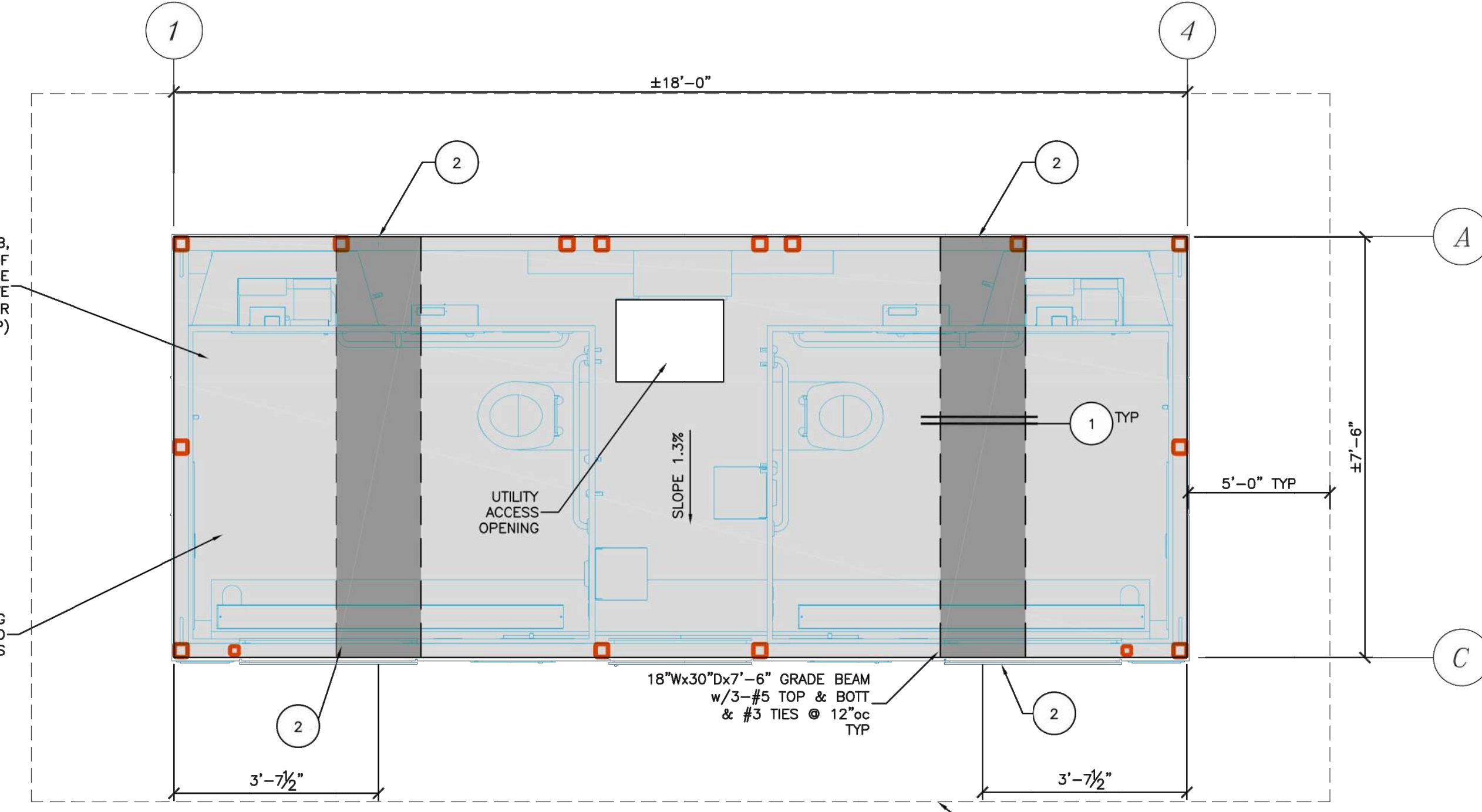
NOTES:

- "D" = BEND DIAMETER
- "g" = BAR DIAMETER
- For horizontal reinforcing placed such that less than 12" of fresh concrete is placed below the bar use the Vertical Bar Lap Splice Schedule.
- Lap splices in concrete shear walls shall be increased by 1.25 times the scheduled length.
- All lengths shall be increased by 1.2 times the scheduled lengths for epoxy coated rebar.

HORIZONTAL BAR LAP SCHEDULE					VERTICAL BAR LAP SCHEDULE				
BAR SIZE	f _{cm}	f _{cm}	f _{cm}	f _{cm}	BAR SIZE	f _{cm}	f _{cm}	f _{cm}	f _{cm}
1500	2500	3000	4000	4000	1500	2500	3000	4000	4000
#3	19"	31"	28"	25"	#3	19"	24"	22"	19"
#4	34"	41"	38"	33"	#4	34"	32"	29"	25"
#5	45"	51"	47"	41"	#5	45"	39"	36"	31"
#6	54"	61"	56"	49"	#6	54"	47"	43"	37"
#7	63"	69"	61"	54"	#7	63"	56"	51"	44"
#8	72"	78"	70"	62"	#8	72"	65"	60"	53"
#9	81"	87"	79"	71"	#9	81"	74"	69"	62"
#10	NA	120"	110"	102"	#10	NA	100"	91"	83"
#11	NA	143"	131"	114"	#11	NA	110"	101"	87"



4
STANDARD HOOKS, BENDS & LAPS
PARTIAL SCALE 1"=1'-0"



FOUNDATION PLAN

SCALE: 1/2" = 1'-0"
DO NOT SCALE FROM DRAWING REFER TO NOTES, SCHEDULES AND DETAILS.

- 1. SOILS INFORMATION:**
- Soils report per GEOCON Consultants, Inc, dated April 2022.
 - Allowable bearing value = 2,000 psf
 - Remove and recompact to undisturbed native soil.
 - Maintain bottom of footing such that the horizontal distance to daylight is 4'-0" and per Sec 1808.7.2 of current CBC edition.
- 2. FOUNDATION INFORMATION:**
- Concrete:
 - A.A. Minimum 28-day strength of 3,000 psi
 - A.B. Maximum water to cement ratio of 0.57
 - A.C. Maximum aggregate size of 1"
 - A.D. Slump of 4" ±1"
 - A.E. NO Special inspection required
 - Reinforcing:
 - B.A. All reinforcing shall be ASTM A-615 Grade 60
 - B.B. Clear cover to all rebar shall be 3"
- 0000 CODES AND REFERENCES**
- All general structural notes and specifications reflect the provisions of the
- 2019 CBC (California Building Code)
 - ASCE 7-16 (Minimum Design Loads)
 - ACI 318-14 (Concrete)
 - AISC 360-16/AISC 341-16/AISC 358-16 (Steel)

SEISMIC:

Design Procedure: Equivalent Lateral Force Analysis

Importance :1
Risk Category :2
Occupancy Category :II

S_s :2.72
S_i :1.0
S_{ds} :2.00
S_{d1} :1.1
Site Class :D
Seismic Design Cat. :E
Seismic Force Sys :OMF
Base Shear :3.75k
R :3.5
Analysis Procedure :LIN. STATIC

WIND:

Basic Wind Speed: 115 mph
Wind Exposure: C
Internal Pressure Coefficient: ±0.18
Risk Category :II

ABBREVIATIONS

ATR	ALL THREADED ROD
CL	CENTERLINE
CLR	CLEAR(ANCE)
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
CTR(D) OR Ø	CENTER(ED)
D	DEEP
DIA OR Ø	DIAMETER
EA	EACH
EF	EACH FACE
ELEV	ELEVATION
EMBED	EMBEDMENT
ENG	ENGINEER
EQ	EQUAL
EXT	EXTERIOR
FDN	FOUNDATION
FG	FINISH GRADE
FLR	FLOOR
FOC	FACE OF CONCRETE
FS	FINISH SLAB
FTG	FOOTING
GALV	GALVANIZED
GB	GRADE BEAM
HORIZ	HORIZONTAL
HT	HEIGHT
INFO	INFORMATION
LONG	LONGITUDINAL
MAX	MAXIMUM
MB	MACHINE BOLT
MIN	MINIMUM
NG	NATURAL GRADE
NTS	NOT TO SCALE
N/S	NON-STRUCTURAL
O/C	OVER
oc	ON CENTER
PERP	PERPENDICULAR
PL or	PLATE
REIN	REINFORCING(MENT)
SIM	SIMILAR
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT'L	STRUCTURAL
THK	THICK(NESS)
TO	TOP OF
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VF	VERIFY
VIF	VERIFY IN FIELD
VWA	VERIFY WITH ARCHITECTURAL

CALA

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
916.985.4366
www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

RESTROOM BUILDING DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY DCM
DRAWN BY CM
CHECKED BY BW
RECORD DWGS.

APPROVED BY: DATE
CITY ENGINEER
STOCKTON, CALIFORNIA

SHEET NO. LD1.9
80 OF 162 SHTS
WR21017
PROJECT NO.

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By

exeloo
the complete public restroom solution

HUME ENGINEERS

P.O. Box 15298
San Luis Obispo, Ca. 93406
e-mail: mail@thengineers.com

Phone: (805) 543-6311
Fax: (805) 761-9476
SB Phone: 962-6311

SDS
Structural Drafting Services

SHEET TITLE: RESTROOM FOUNDATION STRUCTURE
PROJECT: MCKINLEY PARK RENOVATION
ADDRESS: 424 EAST 9TH STREET, STOCKTON, CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
T. N. HUME
No. 50647
CIVIL
STATE OF CALIFORNIA

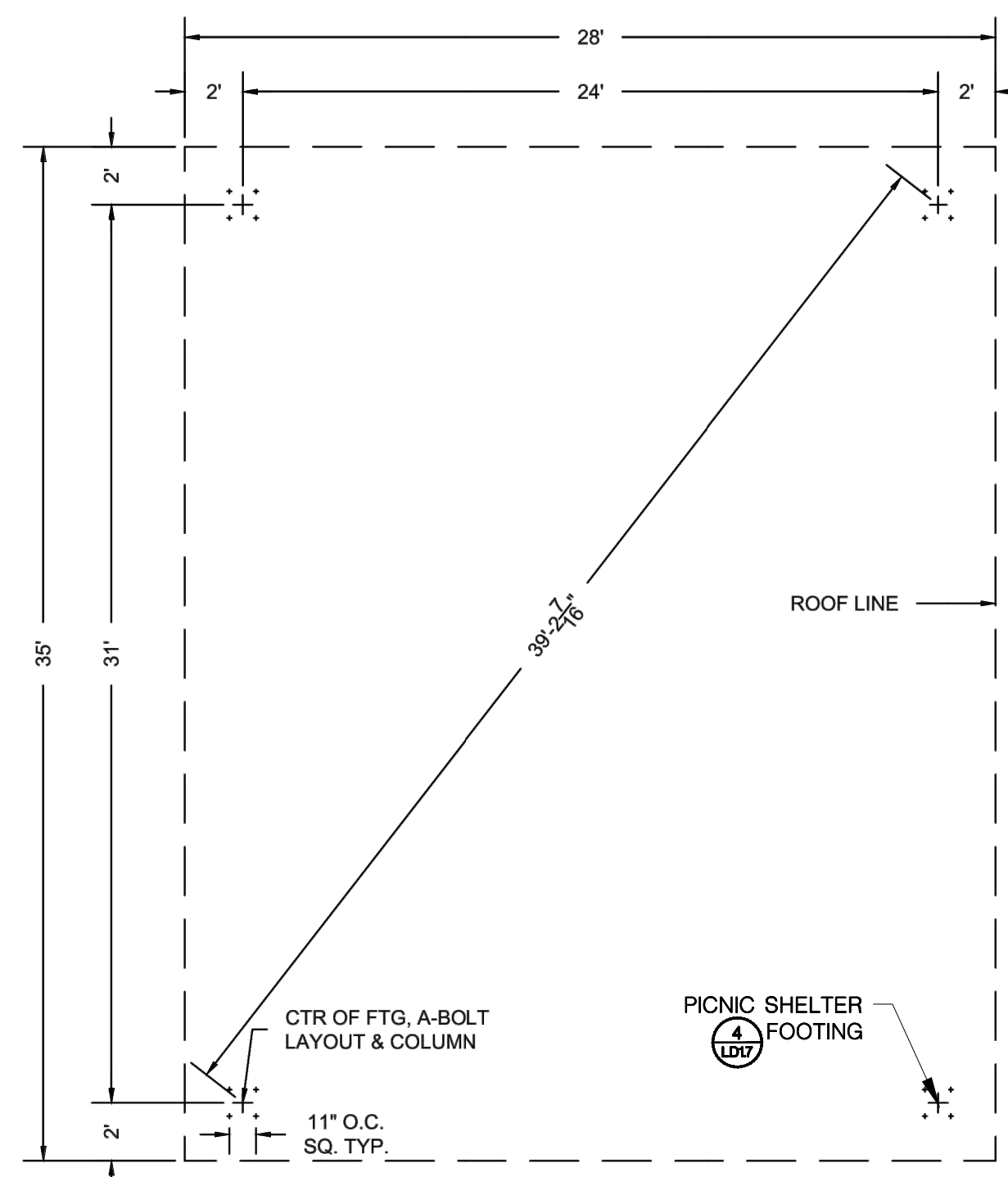
Engineer: T.N.
Draftsman: A.V./A.L.

CALL BEFORE YOU DIG
800.642.2444

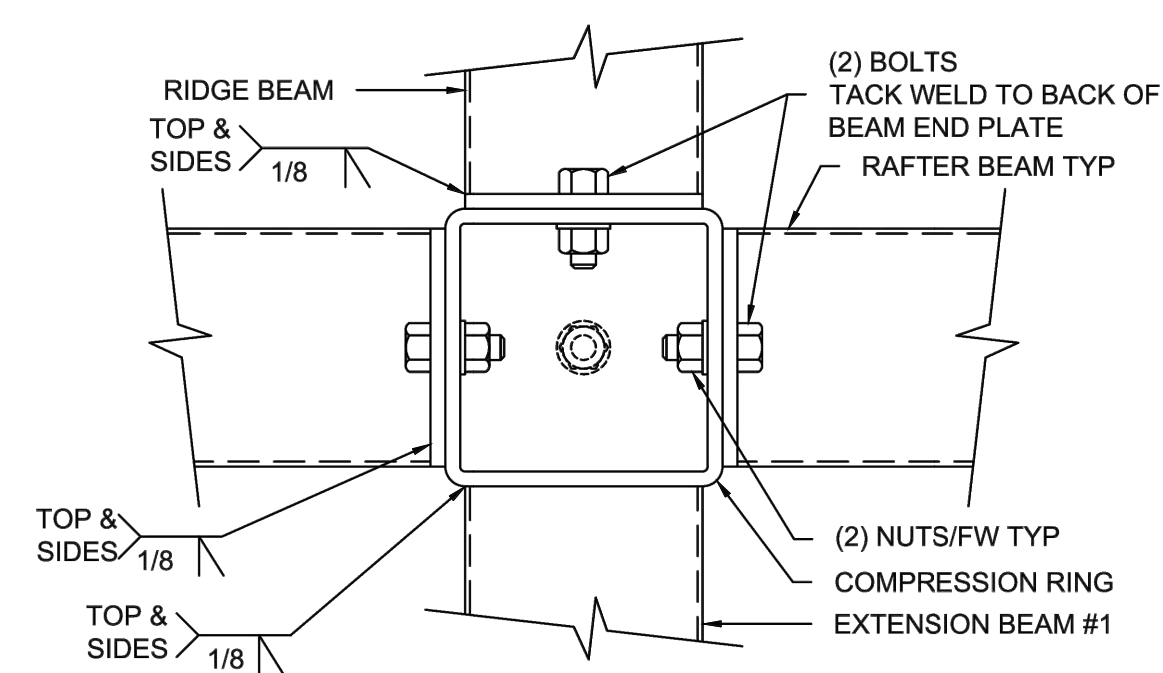
File Path: D:\Projects\21013_MckinleyParkRestroom\Drawings\21013_0101.dwg Plot Date: 11/14/22 Saved By: Cms Copyright © 2022 Callander Associates, Inc.

BEAM/COLUMN	SIZE	BOLT DIA.	GRADE:	END PLATE
COLUMN	8"X8"X.25 HSS	PER DETAIL		1/2"
PERIMETER BEAM	10"X4"X.188 HSS	1"	A325	3/8"
RAFTER BEAM	12"X4"X.25 HSS	7/8"	A325	3/8"
RIDGE BEAM	8"X6"X.188 HSS	1"	A325	3/8"
MID BEAM	10"X4"X.188 HSS	1"	A325	3/8"
EXT. BEAM #1	6"X4"X.120 HSS	NA	NA	NA
EXT. BEAM #2	4"X4"X.120 HSS	5/8"	A307	3/8"
EXT. BEAM #3	4"X4"X.120 HSS	NA	NA	3/8"
COMPRESSION RING	7"X7"X.375 HSS	NA	NA	NA

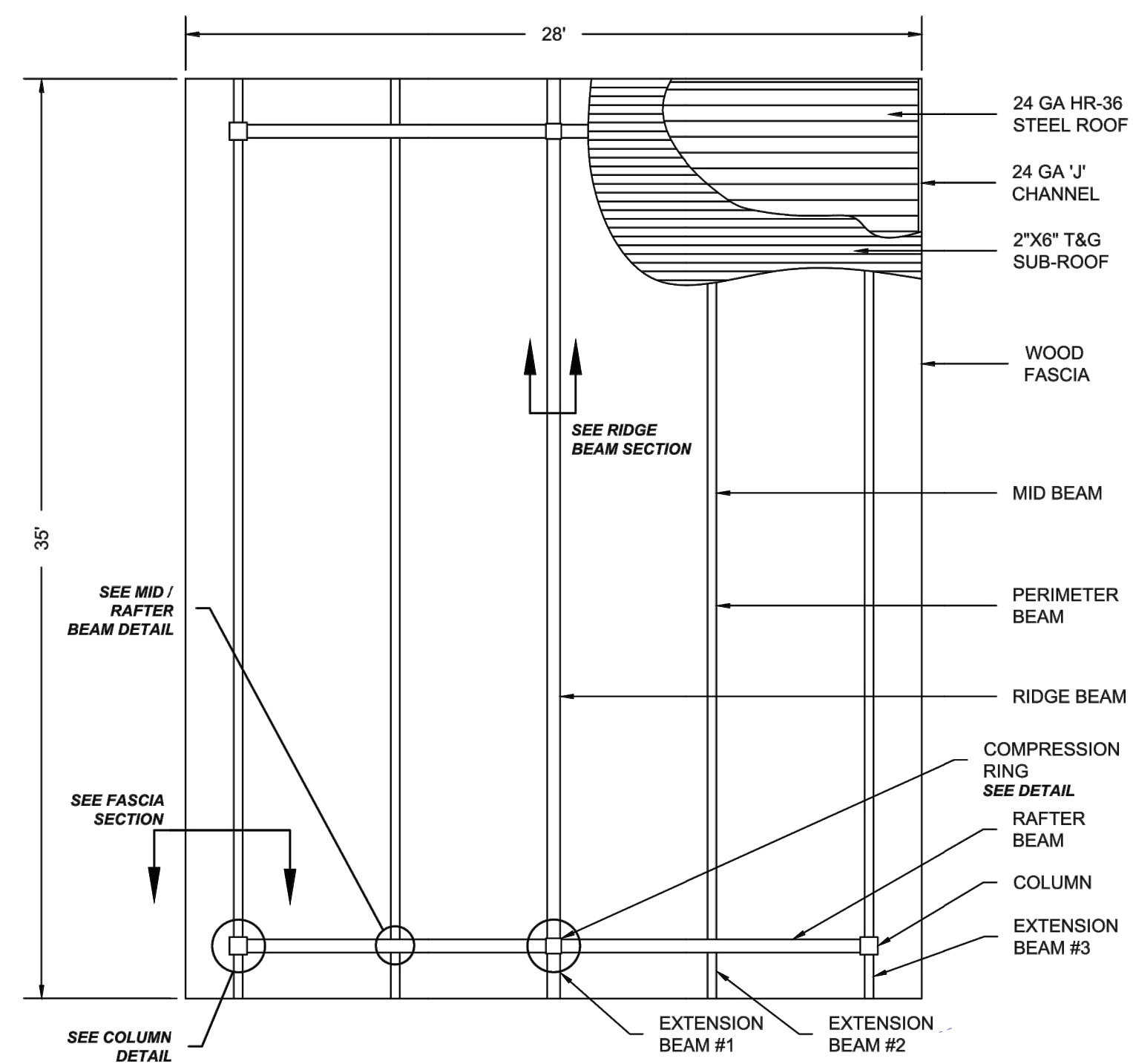
1 MATERIAL LIST
LD1.10



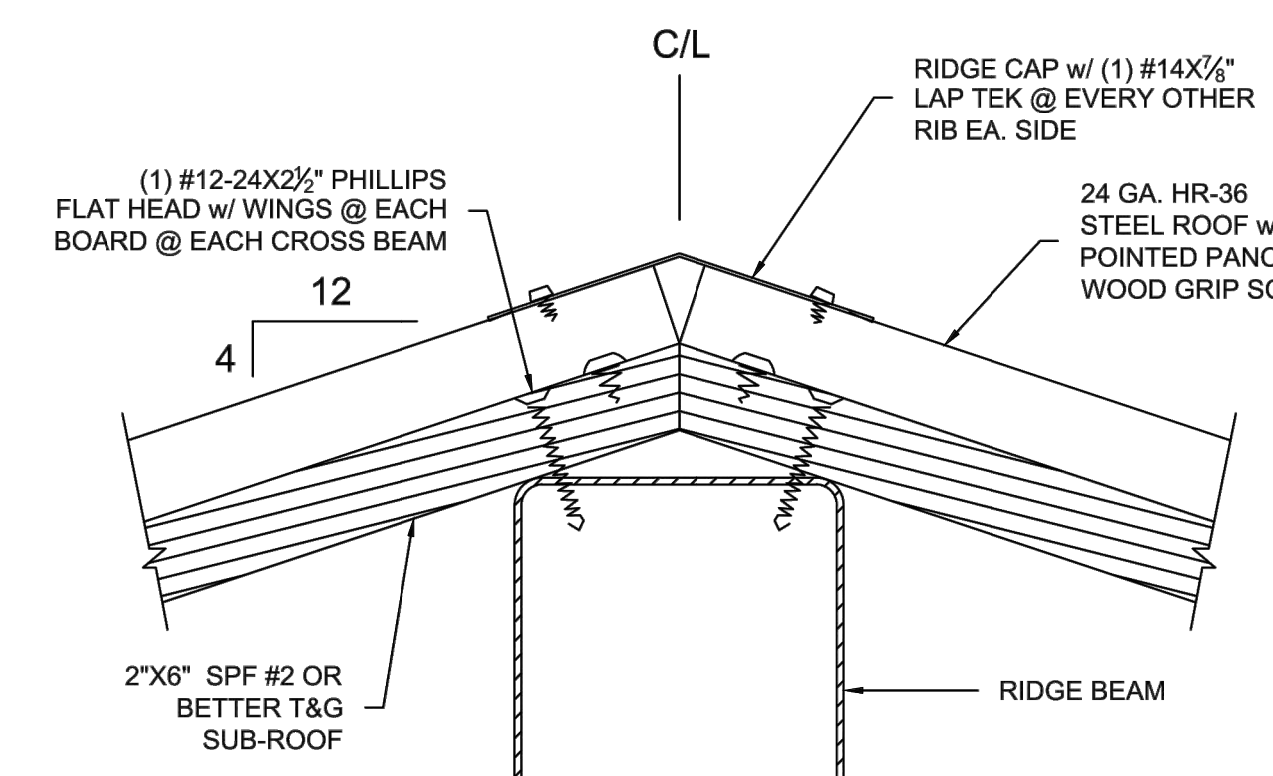
4 PICNIC SHELTER FOOTING LAYOUT PLAN
LD1.10



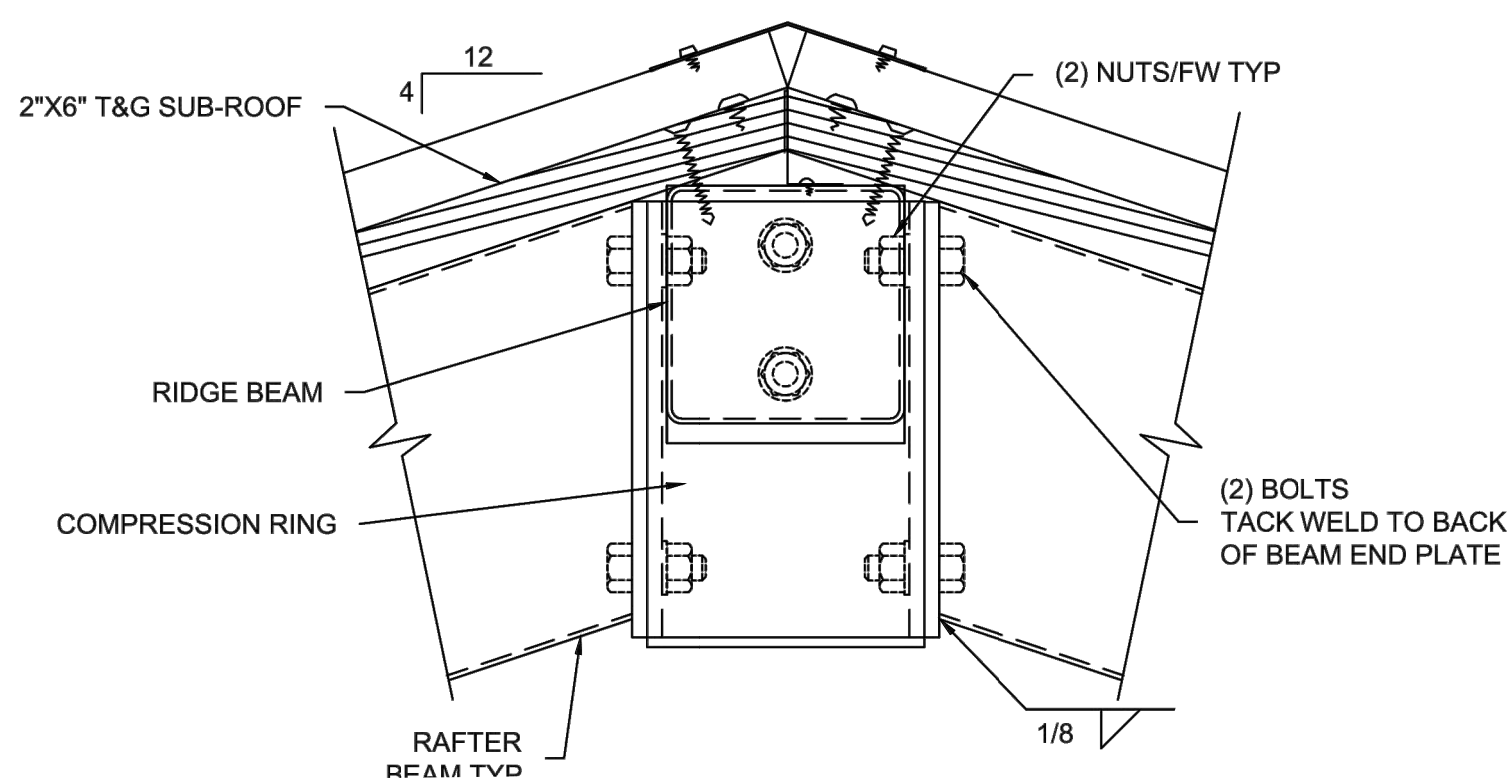
7 COMPRESSION RING PLAN
LD1.10



2 PICNIC SHELTER PLAN
LD1.10

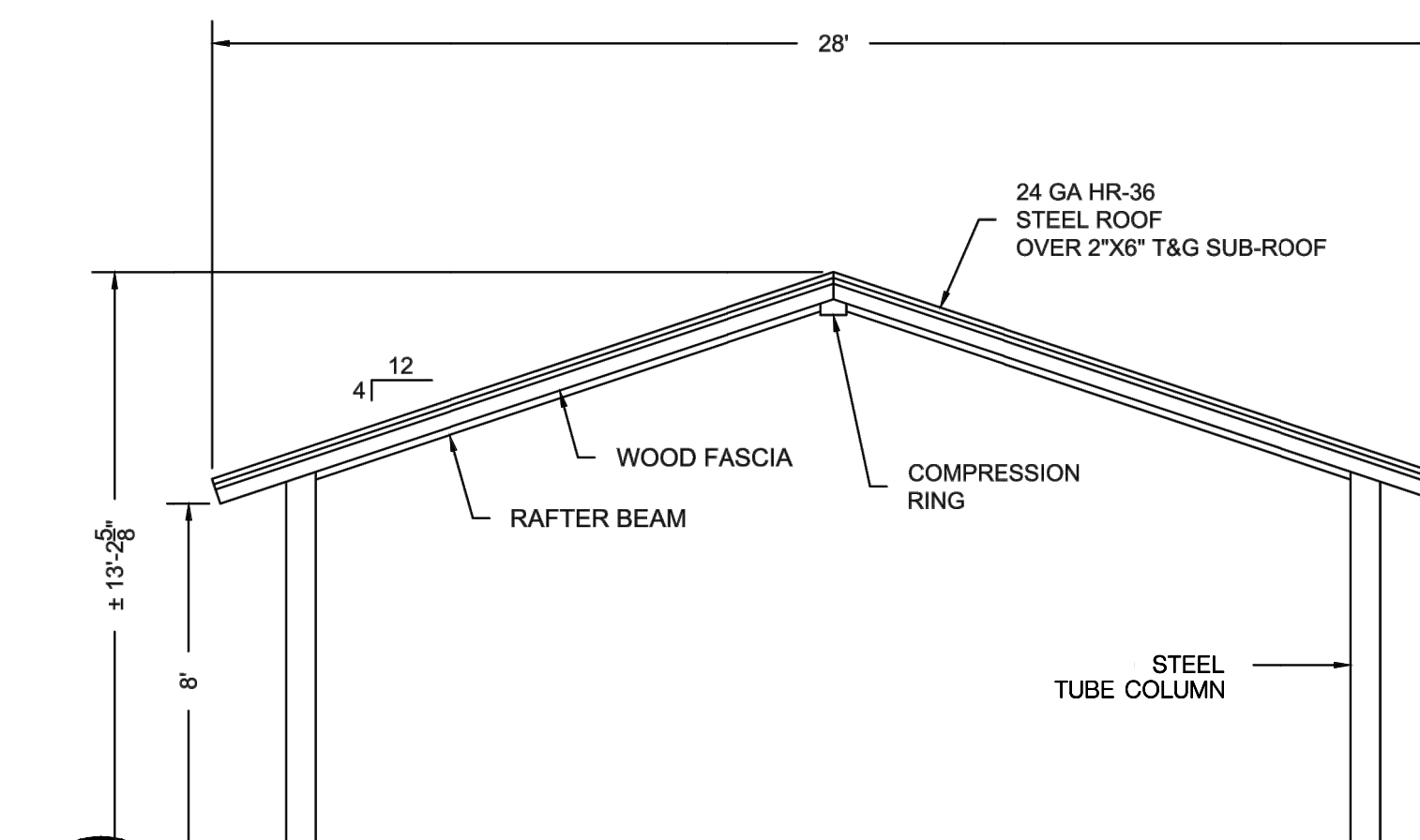
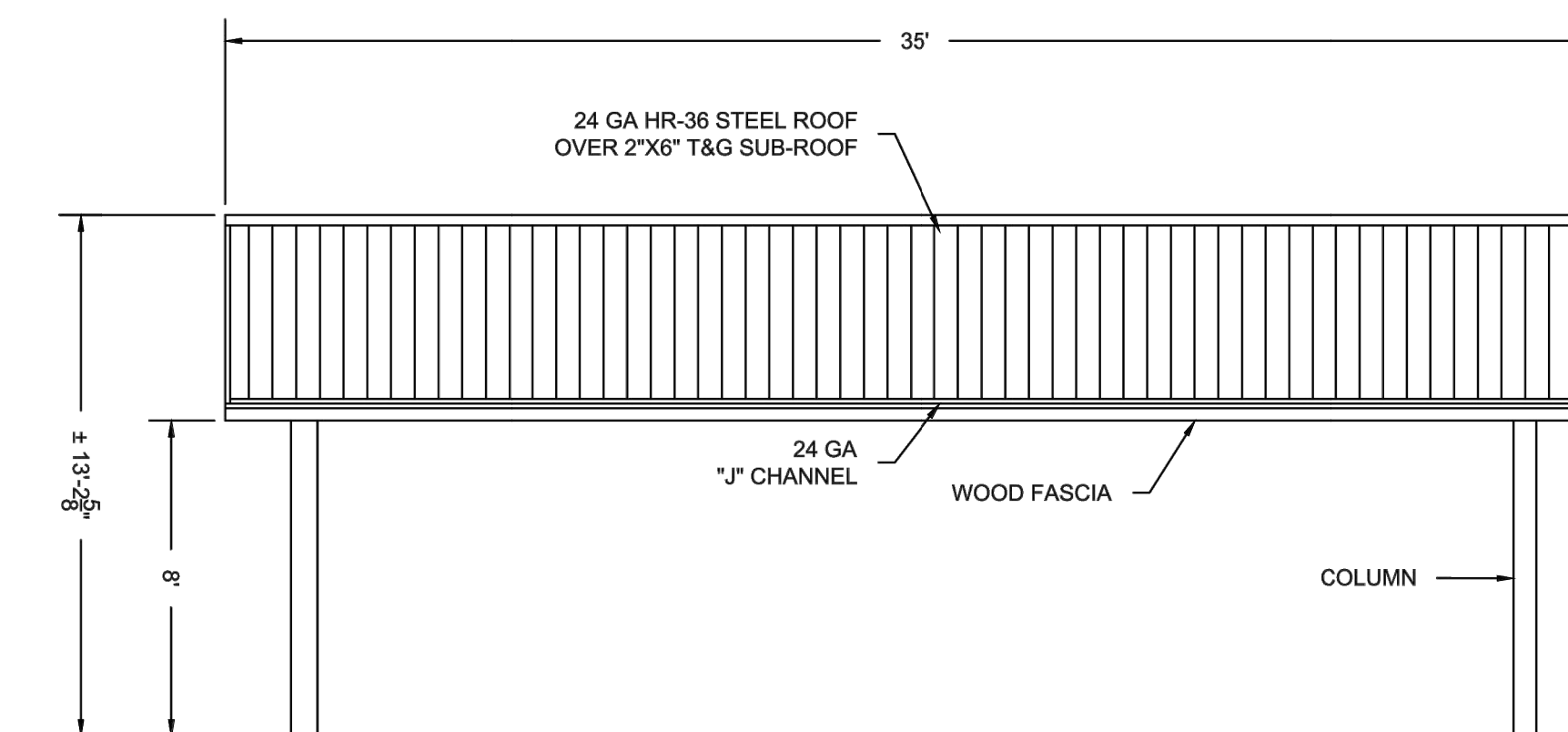


5 RIDGE BEAM SECTION
LD1.10

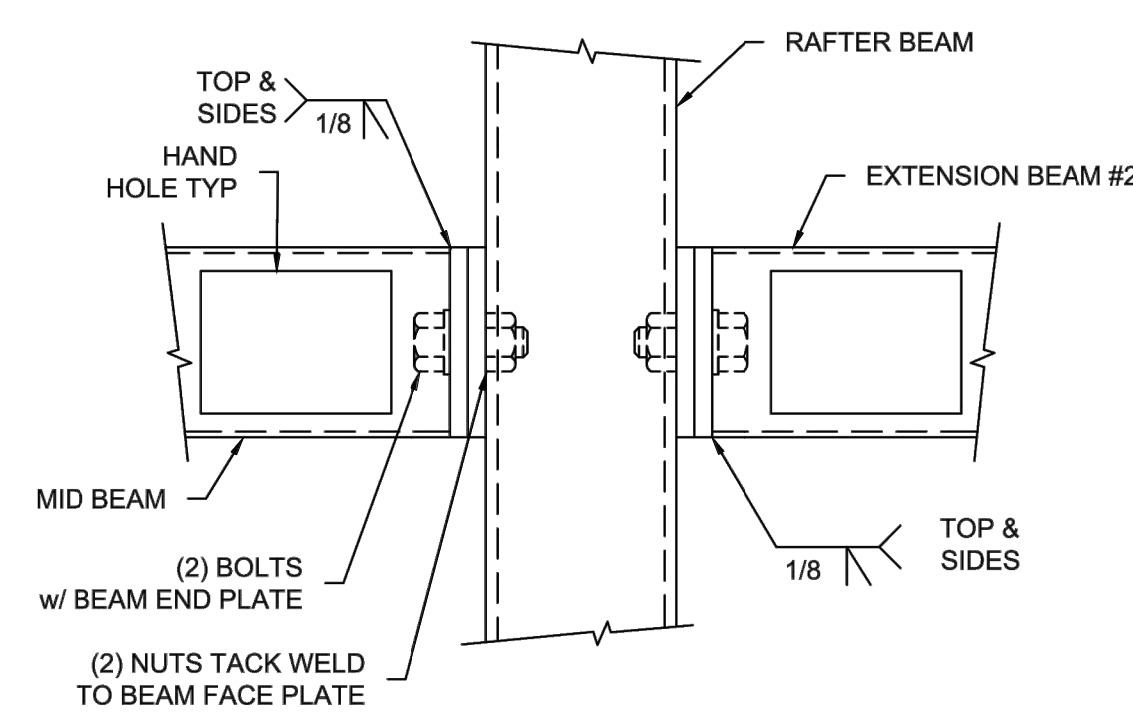


8 COMPRESSION RING SECTION
LD1.10

3 PICNIC SHELTER SIDE ELEVATION
LD1.10



6 PICNIC SHELTER END ELEVATION
LD1.10



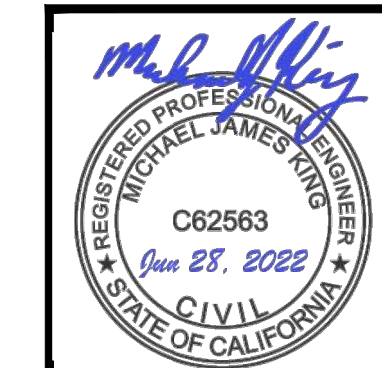
9 MID/RAFTER BEAM PLAN
LD1.10



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PICNIC SHELTER DETAILS

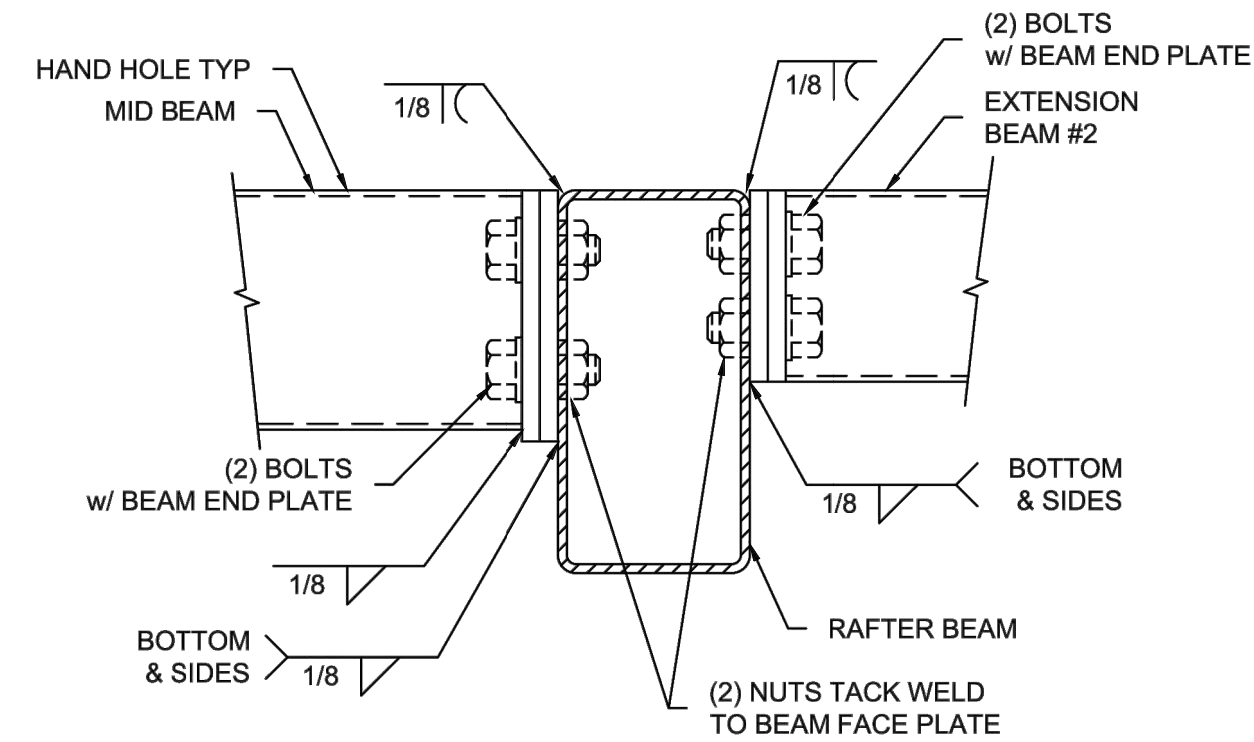
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. LD1.10
DESIGNED BY DCM	DRAWN BY CM	CHECKED BY BW	CITY ENGINEER STOCKTON, CALIFORNIA	81 OF 162 SHTS
RECORD DWGS.				WR21017 PROJECT NO.



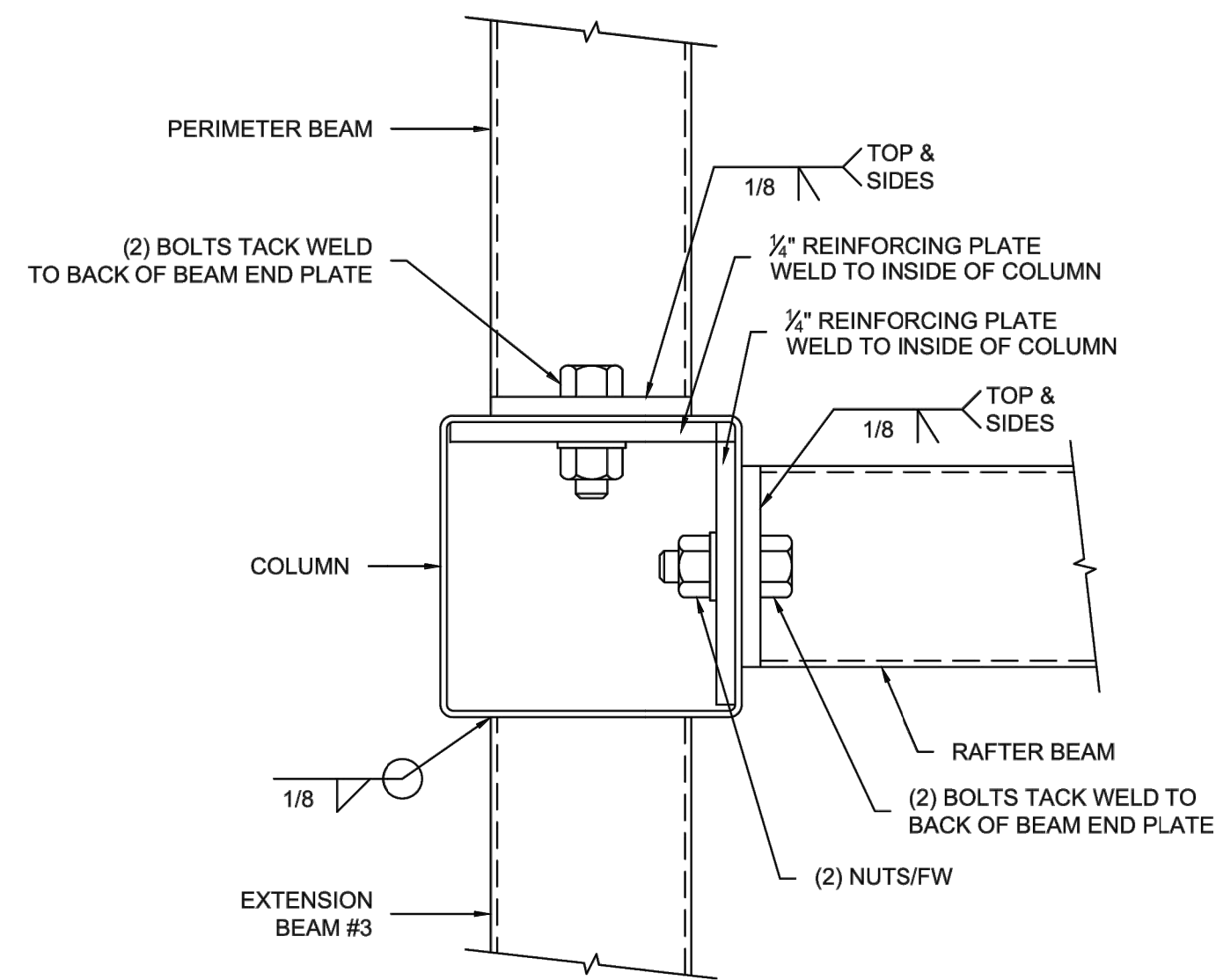
Revision No.	Description	Date	By	Aprvd. By

PERMIT REVIEW SET

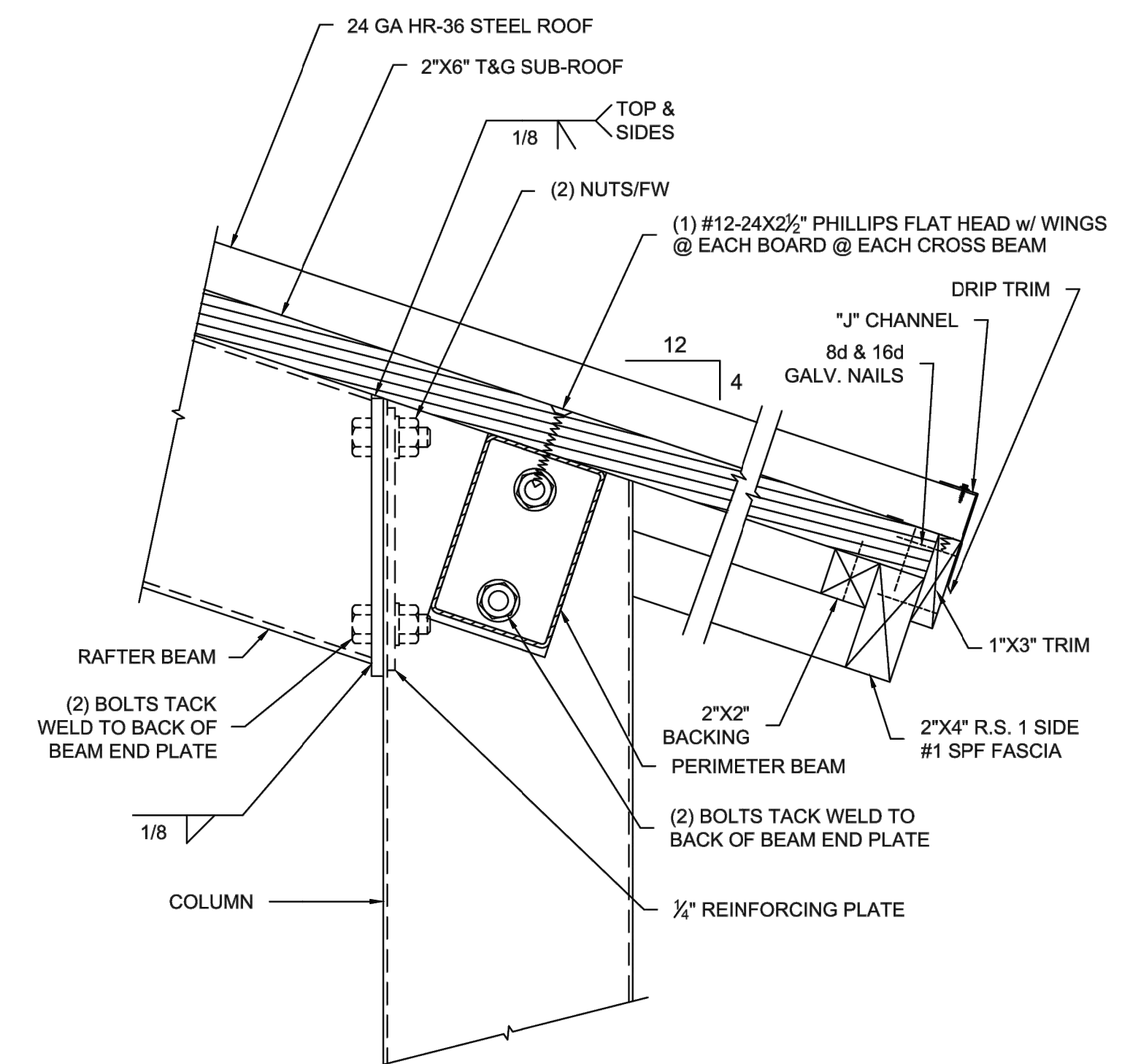
File Path: T:\Projects\21013_MckinleyParkRenovations\3_ConstructionDocuments\21013_01.dwg Plot Date: 11/16/22 Saved By: cmw Copyright © 2022 Callander Associates, Inc.



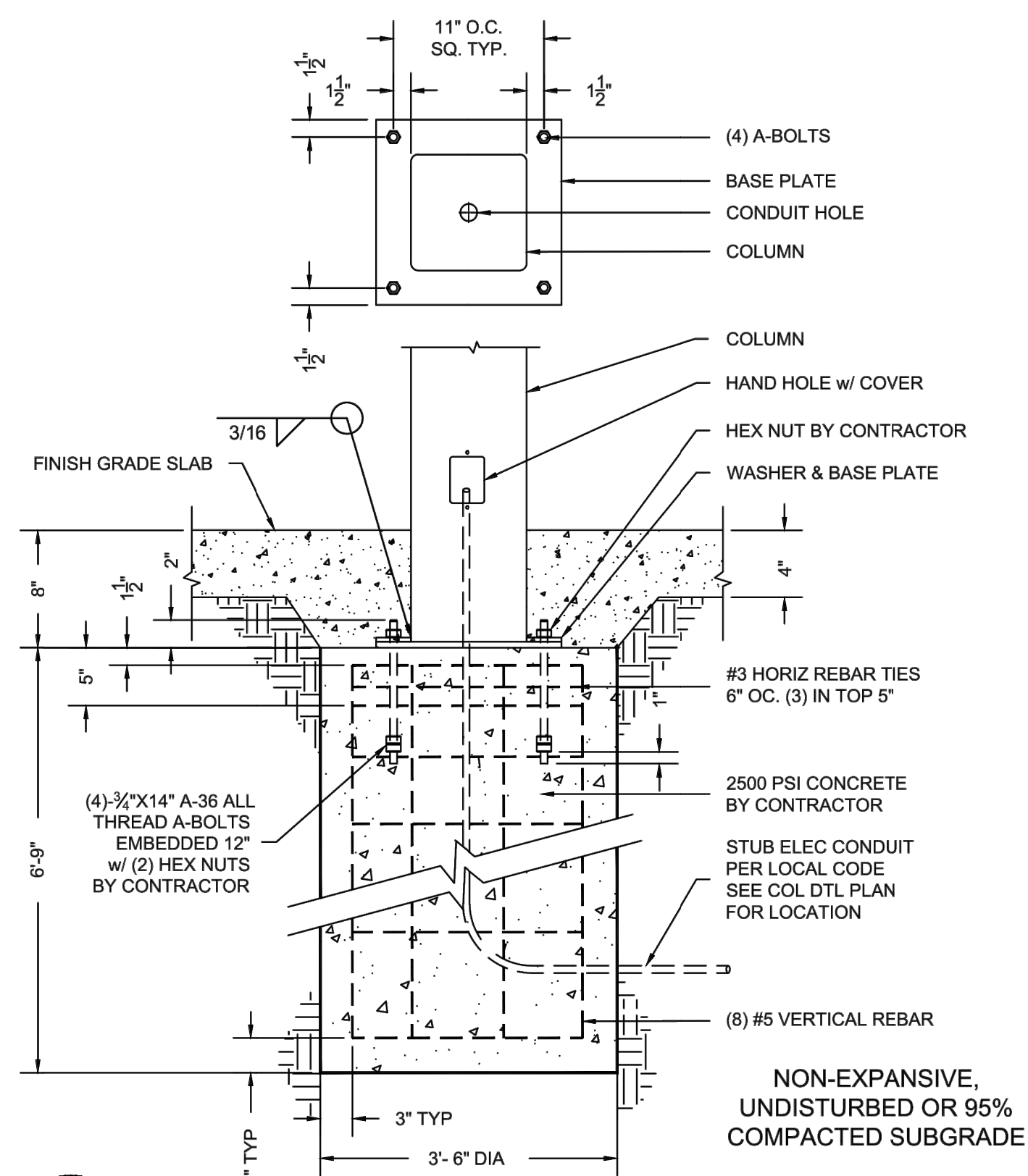
1 MID/RAFTER BEAM DETAIL
LD1.11 PLAN



2 COLUMN CONNECTION DETAIL
LD1.11 PLAN



3 FASCIA SECTION
LD1.11 SECTION



4 PICNIC SHELTER FOOTING SECTION
LD1.11 SECTION



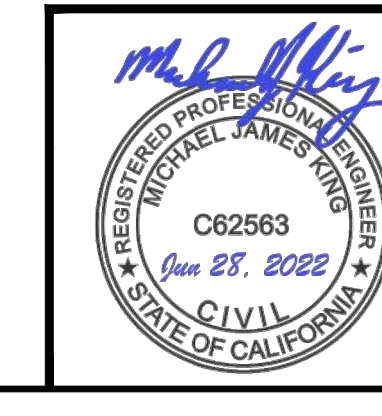
CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PICNIC SHELTER DETAILS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY DCM	DATE	LD1.11		82 OF 162 SHTS
DRAWN BY CM				
CHECKED BY BW				
RECORD DWGS.				
	CITY ENGINEER			WR21017
	STOCKTON, CALIFORNIA			PROJECT NO.

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By



File Path: T:\Projects\2013\21013_MckinleyParkRenovations\3_ConstructionDocuments\31013_01.dwg, Plot Date: 11/15/22, Saved By: cmc, Copyright © 2022 Callander Associates, Inc.

LEGEND

- HOMERUN CONDUIT AND CONDUCTORS TO PANEL 'A' CIRCUIT 1; SLASH MARKS INDICATE NUMBER OF CONDUCTORS, 2 #12 AWG + 1 #12 GND, UON
 - CONDUIT RUN UNDERGROUND
 - OVERHEAD LINE
 - CONDUIT CONTINUATION
 - CONDUIT STUB AND CAP
- ELECTRICAL APPARATUS AND EQUIPMENT**
- CIRCUIT BREAKER
 - SAFETY DISCONNECT SWITCH, FUSED AND NON-FUSED
 - UTILITY METER SOCKET
 - UNDERGROUND PULL SECTION
 - CURRENT TRANSFORMER WITH UTILITY METER &
 - ELECTRIC PULL BOX
 - IRRIGATION CONTROLLER
 - UNDERGROUND TERMINATION POINT
 - GROUND TO EARTH
 - PATHWAY LIGHT POLE, LIGHT POLE #1
 - SURFACE MOUNTED LIGHT FIXTURE
 - TENNIS COURT LIGHT POLE
 - EXISTING STREET LIGHT POLE
 - PANELBOARD, SURFACE OR RECESSED METER SERVICE PEDESTAL
 - RECEPTACLE, SINGLE LINE DIAGRAM
 - DETAIL TAG
e.g., 1 IS THE DETAIL NUMBER
E1.1 IS THE SHEET NUMBER
 - SHEET NOTE TAG, SHEET NOTE 1
 - LIGHT FIXTURE TAG, FIXTURE TYPE F1

ABBREVIATIONS

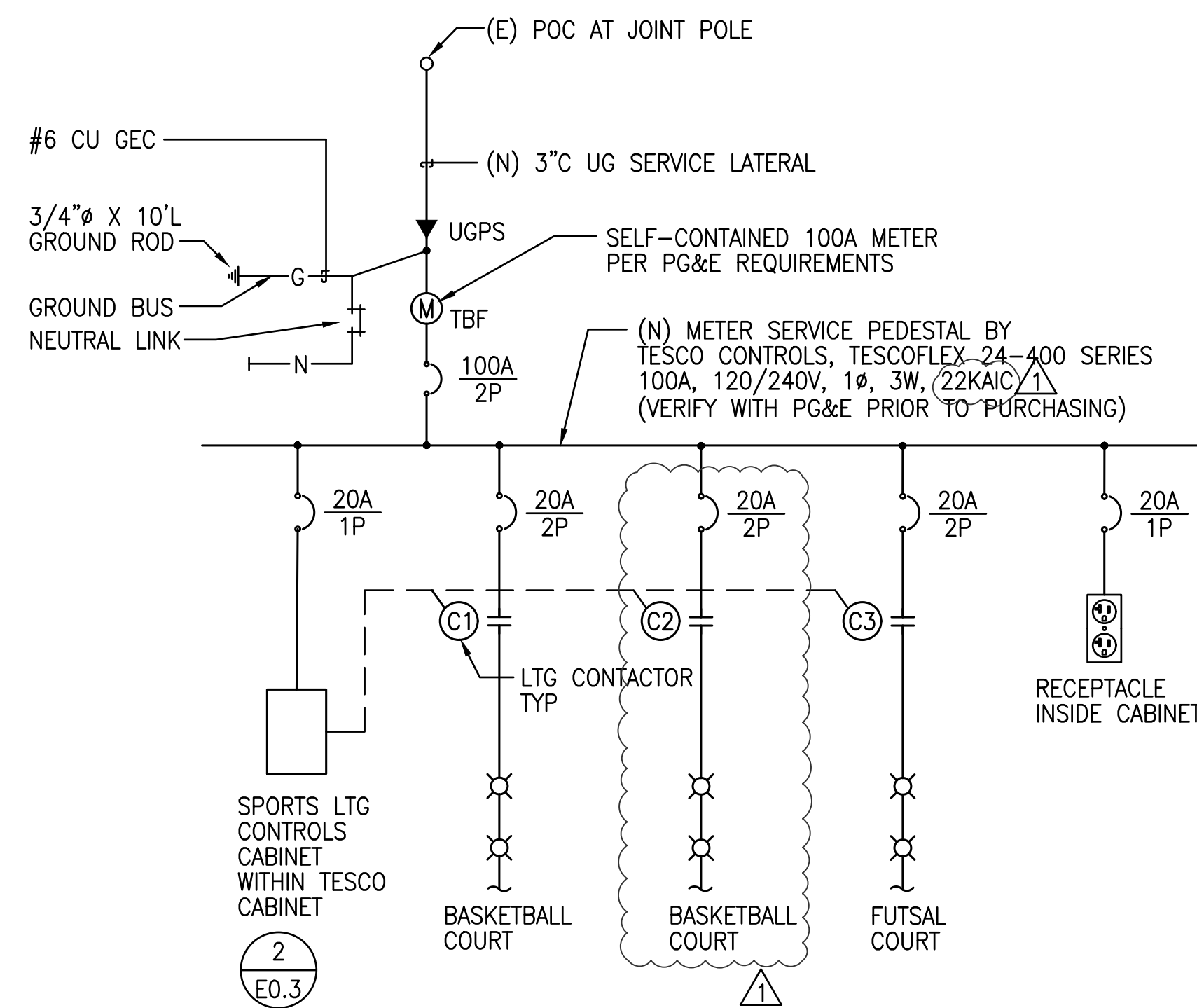
- A AMPERE
- AFG ABOVE FINISHED GRADE
- AL ALUMINUM
- AWG AMERICAN WIRE GAUGE
- BP BY-PASS TEST SWITCH
- C CONDUIT
- CB CIRCUIT BREAKER
- CKT CIRCUIT
- CO CONDUIT ONLY
- (E) EXISTING TO REMAIN
- EGC EQUIPMENT GROUNDING CONDUCTOR
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
- GND GROUND
- HP HORSEPOWER
- JP JOINT POLE
- LED LIGHT EMITTING DIODE
- MTD MOUNTED
- (N) NEW
- OD OUTSIDE DIAMETER
- PB PULL BOX
- PC PHOTOCONTROL
- PCC PORTLAND CEMENT CONCRETE
- PE PHOTOELECTRIC
- POC POINT OF CONNECTION
- PVC POLYVINYLCHLORIDE
- (R) EXISTING TO BE REMOVED
- (RL) RELOCATED EXISTING
- RMC RIGID METAL CONDUIT
- SLD SEE LANDSCAPE DRAWINGS
- SL STREET LIGHT
- SS STAINLESS STEEL
- SWBD SWITCHBOARD
- TBF TEST BYPASS FACILITIES
- TEL TELEPHONE
- TS TIME SWITCH
- TYP TYPICAL
- UG UNDERGROUND
- UON UNLESS OTHERWISE NOTED
- V VOLT
- W WATT
- WP WEATHERPROOF
- XFMR TRANSFORMER

NOTES:

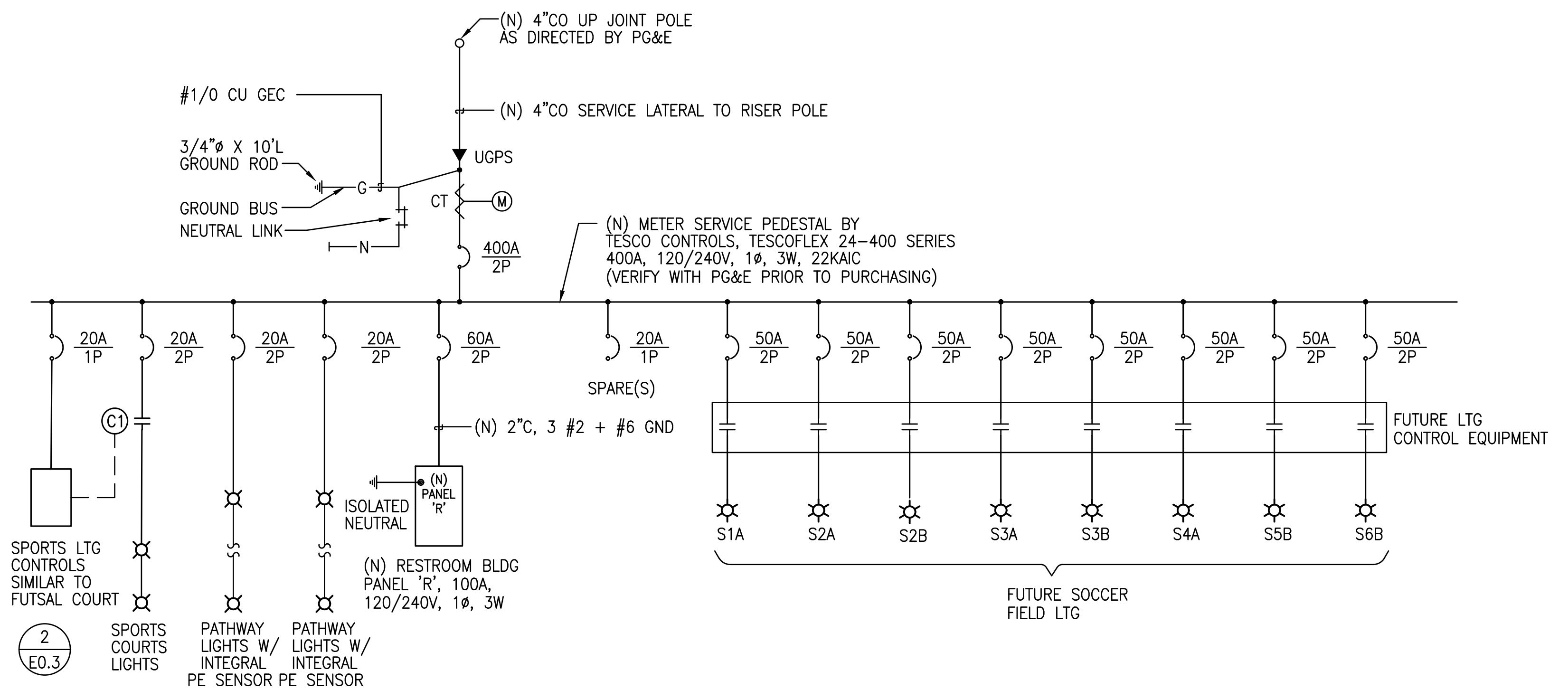
1 AIC RATING OF THE PANELS WILL BE GIVEN BY PG&E AFTER THEIR DESIGN IS COMPLETED. THE BEST IS TO PURCHASE THE EQUIPMENT WITH A 22 KAIC RATING
PG&E HAS BEEN CONTACTED, THE ADDITIONAL LOADS WILL BE SEEN BY PG&E DESIGNER AND ACCOUNTED FOR.

LIGHT FIXTURE SCHEDULE

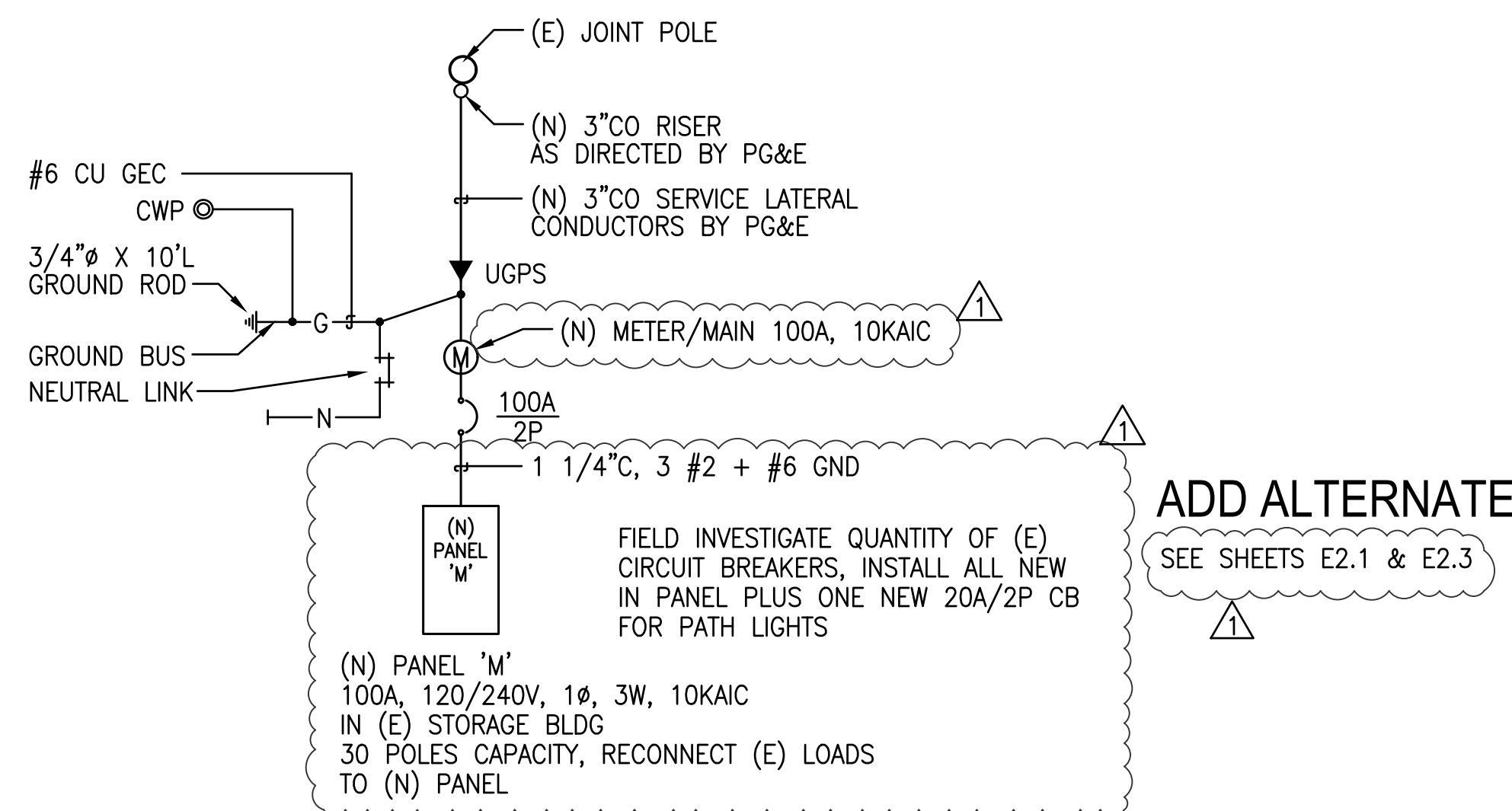
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER'S CATALOG NO.	MOUNTING	VOLT.	LAMPS	REMARKS
	F1	LED PATHWAY LIGHT FIXTURE, IES TYPE V MEDIUM DISTRIBUTION, INTEGRAL MOTION SENSOR FOR REDUCTION OF BRIGHTNESS TO 50%, TWIST-LOCK 7-PIN RECEPTACLE, PHOTOCONTROL, BLACK FINISH; STRAIGHT SQUARE COMPOSITE POLE 4"SQ, 25' H, DIRECT EMBEDDED, STANDARD TENON SIZE 2-3/8", BLACK FINISH	LITHONIA LIGHTING D-SERIES # DSX0-LED-P3-40K-T5M-MVOLT-SPA-PER7-DBLXD POLE: WHATLEY # SS425-25-DE-BLK-2T OR EQUAL	POLE	240	71W LED 4K	PATHWAY SEE DETAIL 1 SHT E0.2
	F2	LED SURFACE MOUNTED LIGHT FIXTURE, 12" DIA, WHITE POLYCARBONATE DIFFUSER, BLACK FINISH	BROWNLEE LIGHTING # 7156-BL-B12LED-40K	SURFACE	240	12W LED 4K	SHADE STRUCTURE
	F3	LED BASKETBALL COURT FIXTURE, SILVER FINISH, WITH MOUNTING HARDWARE TO SUIT (E) POLE	NLS LIGHTING 'VUE' # VUE-3-TT-192L-1-50K-UNV-TA (TENNIS)	(E) POLE	240	1-594W LED 5000K	BASKETBALL & FUTSAL COURTS
	F4	LED FLOOD LIGHT, FIELD ADJUSTABLE, TENON MOUNT, BRONZE FINISH, ON (E) POLE	RAB LIGHTING # FFLED-L-120W	(E) POLE	120	120W LED 5000K	SPORTS COURTS
	F5	LED STREET LIGHT, IES TYPE 2R DISTRIBUTION, 7-WIRE PC RECEPTACLE, GREY FINISH, ON CITY OF STOCKTON STANDARD LIGHT POLE, REFER TO DRAWING R-88	LEOTEK # GCJ1-20H-MV-NW-2R-GY-700-PCR7-WL-BBL CITY OF STOCKTON STANDARD LIGHT POLE PROVIDED & INSTALLED BY CONTRACTOR	POLE	240	46W LED	STREET LIGHT



1 TESCO 24000-SERIES SINGLE LINE DIAGRAM PEDESTAL #1 (E. 8TH ST & S. SAN JOAQUIN)



2 TESCO 24000-SERIES SINGLE LINE DIAGRAM PEDESTAL #2 (RESTROOM)



3 SINGLE LINE DIAGRAM FOR STORAGE BLDG



natron CONSULTING ENGINEERS
1480 MORAGA ROAD, SUITE C#229
MORAGA, CA 94556
www.natronresources.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

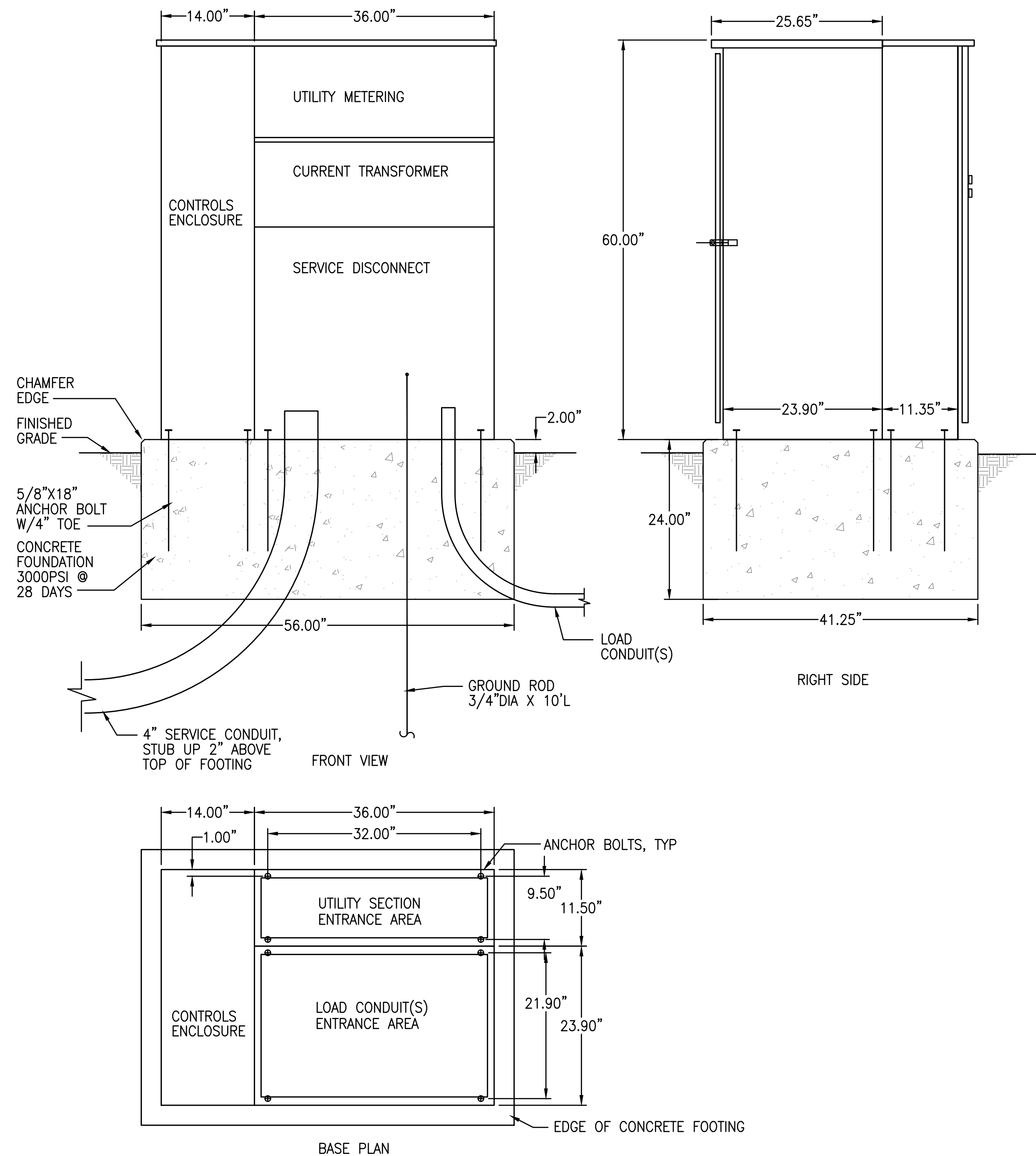
MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL LEGEND AND DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	RR	DATE	E0.1
DRAWN BY	AG		83 OF 162 SHTS
CHECKED BY	JA	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	





TESCO 24000-SERIES

CONTRACTOR SHALL PROVIDE NAME TAGS FOR CIRCUIT BREAKERS

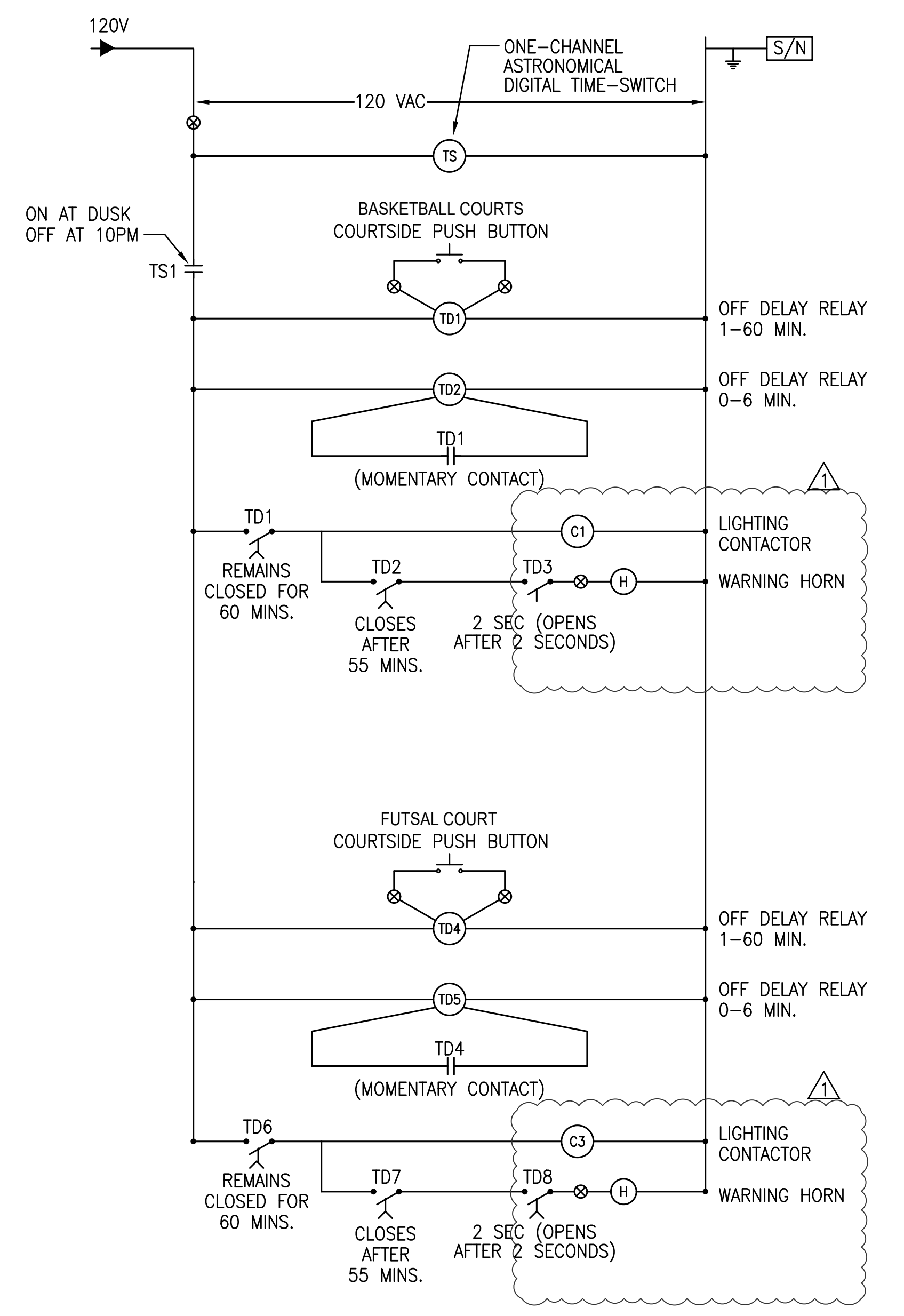
1 METER SERVICE PEDESTALS #1 & #2
SCALE: NONE

ENCLOSURE CONSTRUCTION NOTES

1. FABRICATED FROM 14 GA. #304 D STAINLESS STEEL AND INT. 14 GA. COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
2. CONSTRUCTION WILL BE NEMA 3R, RAIN TIGHT.
3. ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
4. NUTS, BOLTS & SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
5. NAMEPLATES WILL BE PROVIDED AS REQUIRED.
6. CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
7. A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
8. ENCLOSURE WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA STANDARDS.

TESCO'S POLY-PORC COATING SYSTEM

- INCLUDES A FIVE STAGE DIP TANK METAL PREPARATION PROCESS:
1. ALKALINE CLEANER.
 2. CLEAR WATER RINSE.
 3. IRON PHOSPHATE APPLICATION.
 4. CLEAR WATER RINSE.
 5. INHIBITIVE RINSE TO SEAL PHOSPHATED SURFACES.
- FINISHED WITH AN ELECTROSTATICALLY APPLIED DRY POLYESTER POWDER COATING THEN BAKED TO CURE.



2 LIGHTING CONTROL DIAGRAM
SCALE: NTS



natron CONSULTING ENGINEERS
1480 MORAGA ROAD, SUITE C#229
MORAGA, CA 94556
www.natronresources.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL DETAILS

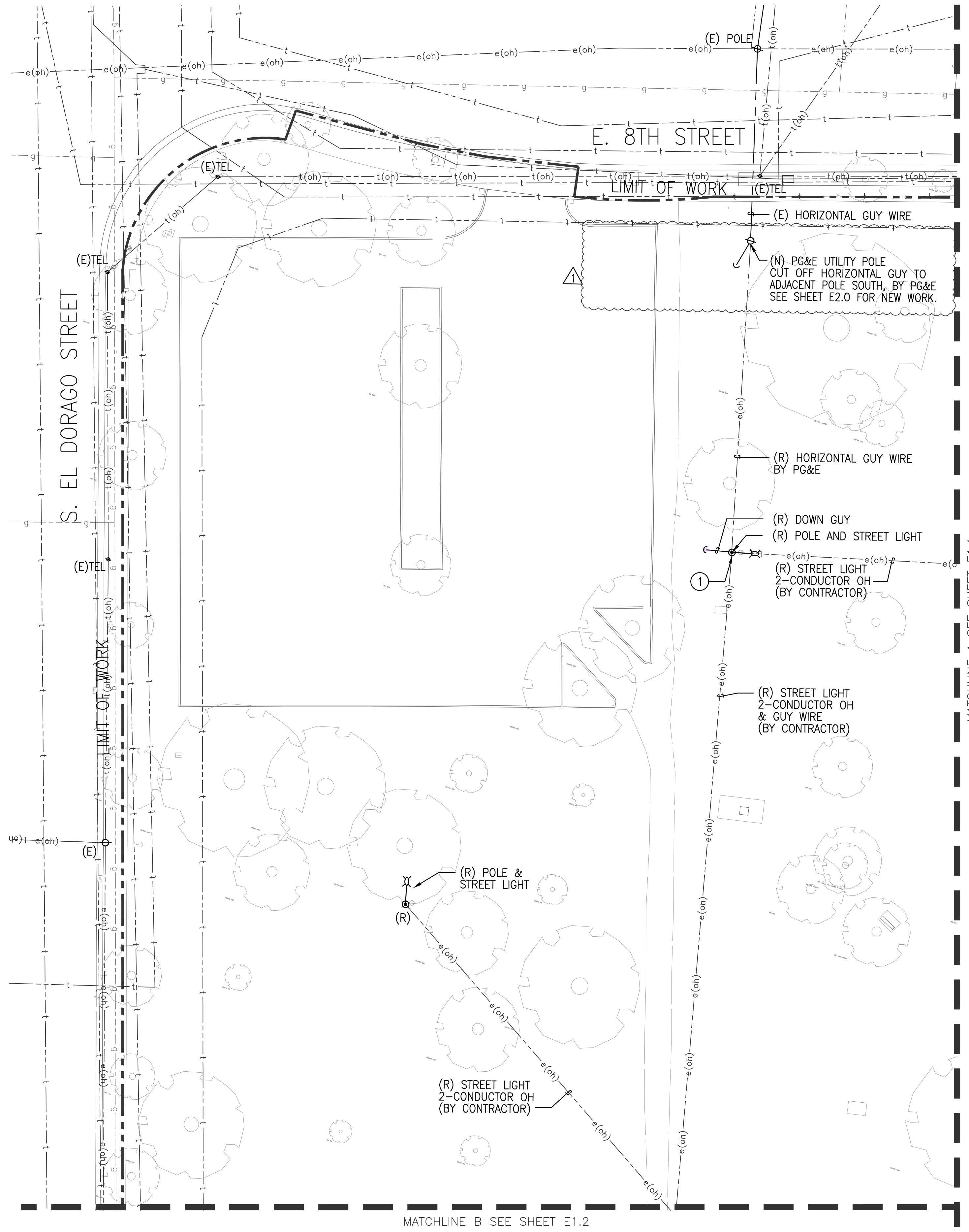


Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	RR	DATE	E0.3
DRAWN BY	AG		85 OF 162 SHTS
CHECKED BY	JA	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

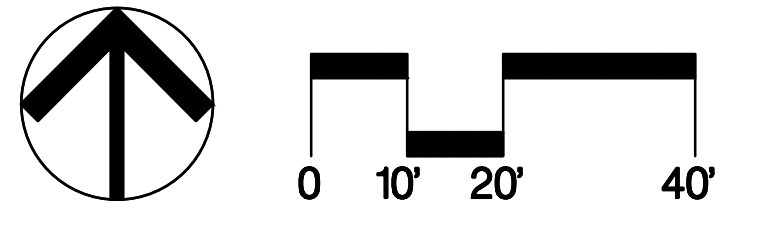
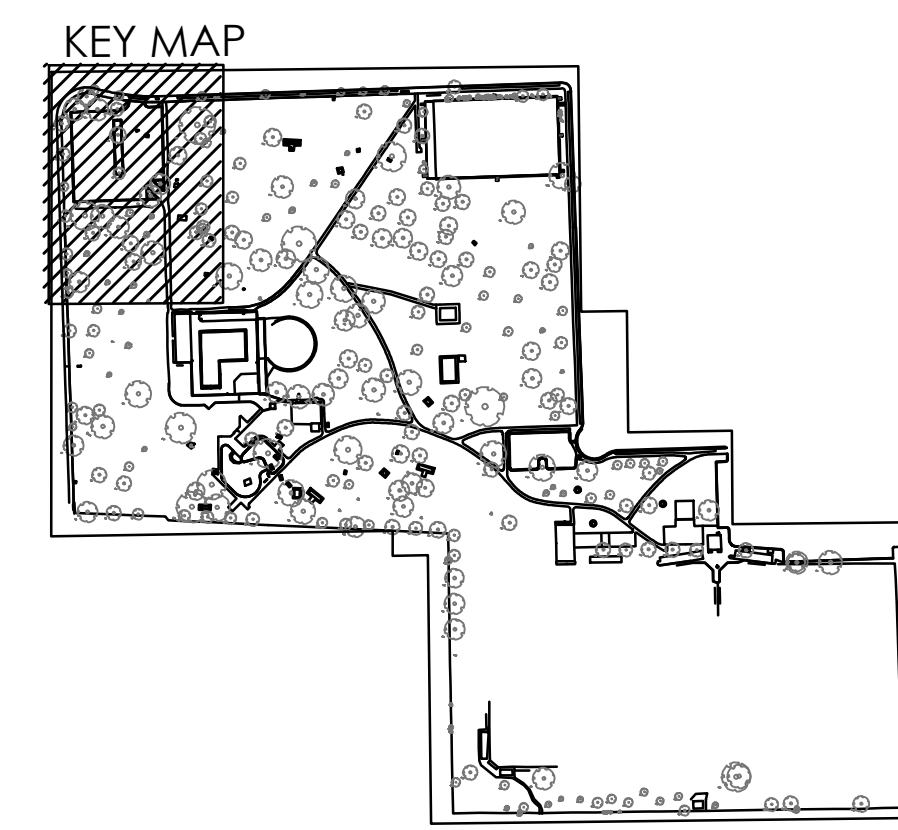
DEMOLITION NOTES:

- ① REMOVE POLE, FOUNDATION & LIGHT FIXTURE, BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING



MATCHLINE A SEE SHEET E1.1

MATCHLINE B SEE SHEET E1.2



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

**MCKINLEY PARK RENOVATIONS PROJECT
 ELECTRICAL DEMOLITION PLAN**

PERMIT REVIEW SET

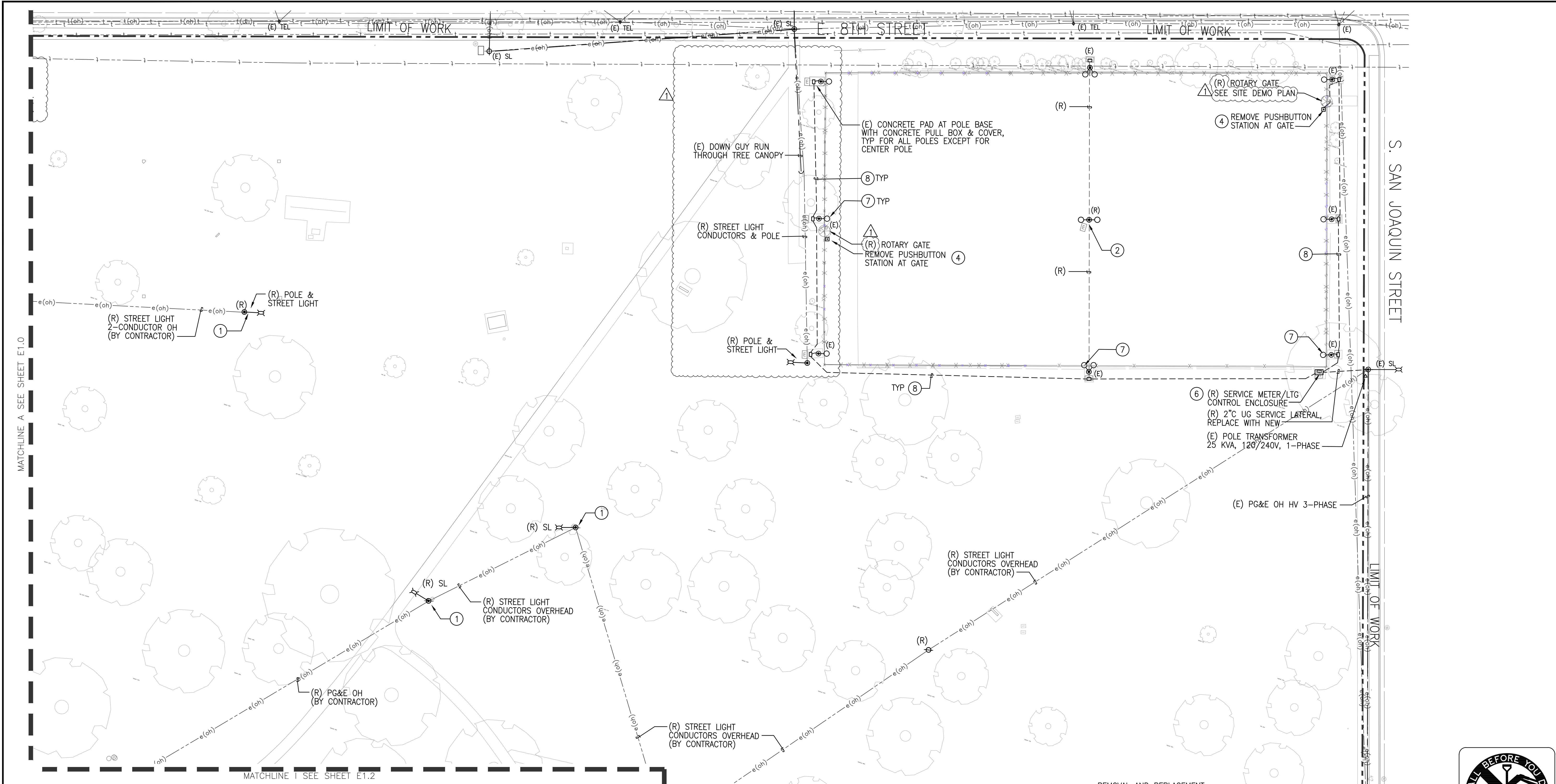
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA



Revision No.	Description	Date	By	Aprvd. By
①	Response to Permit Cycle 1 Comments	11/14/22	AG	

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. E1.0
DESIGNED BY RR		86 OF 162 SHTS
DRAWN BY AG	CITY ENGINEER	WR21017 PROJECT NO.
CHECKED BY JA	STOCKTON, CALIFORNIA	
RECORD DWGS.		

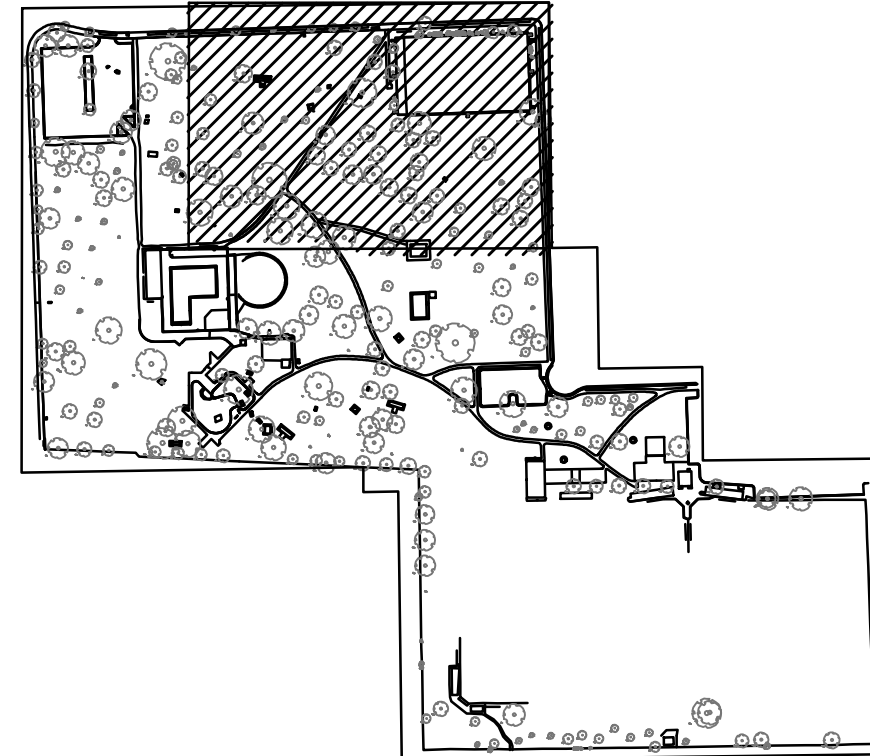
File Path: C:\Users\jgarcia\OneDrive - Natron Resources Inc. - Regular Engineer\CA\21\4101 - 44003_4473 - McKinley Park\21013 - Electrical\Plan\21013_E1.1A.DWG.dwg Plot Date: 11/17/22. Saved By: jgarcia



DEMOLITION NOTES:

- 1 REMOVE POLE, FOUNDATION & LIGHT FIXTURE, BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING
- 2 REMOVE POLE, FOUNDATION, LIGHT FIXTURE & UNDERGROUND WIRING, BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING, REINSTALL POLE AS SHOWN ON SHEET E2.1
- 4 CONTROL WIRING TO BE REMOVED AND REPLACED, SEE SHEET E2.1
- 6 REMOVE OLD LIGHTING CONTROLS, TENNIS COURT METER, PANEL, ENCLOSURE & CONCRETE FOUNDATION, AND REPLACE WITH NEW, SEE SHEET E2.1
- 7 REMOVE OLD SPORT LIGHTS AND REPLACE WITH NEW LED LIGHTS ON EXISTING POLES, TYP FOR ALL SPORT LIGHTS, SEE SHEET E2.1 FOR NEW WORK
- 8 REMOVE OLD WIRES BACK TO PANEL, REPLACE WITH (N) WIRING, SEE SHEET E2.1 FOR NEW WORK

KEY MAP



REMOVAL AND REPLACEMENT OF OVERHEAD PG&E LINE IS PART OF ADD ALTERNATE

(E) POLE MOUNT TRANSFORMER 15KVA 120/240V
(R) PG&E OH



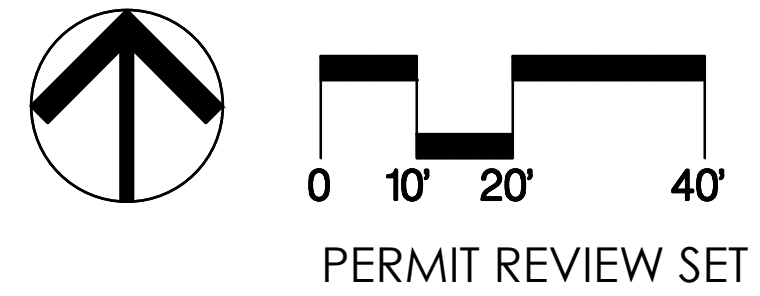
natron CONSULTING ENGINEERS
1480 MORAGA ROAD, SUITE C#229 MORAGA, CA 94556
www.natronresources.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL DEMOLITION PLAN

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	

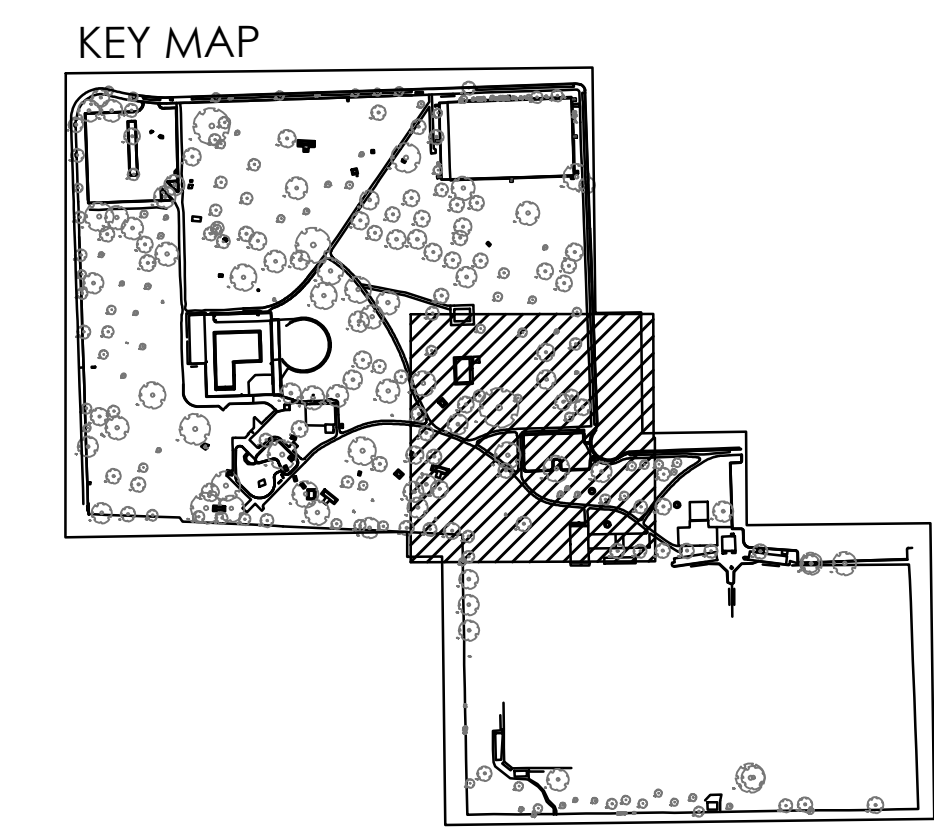
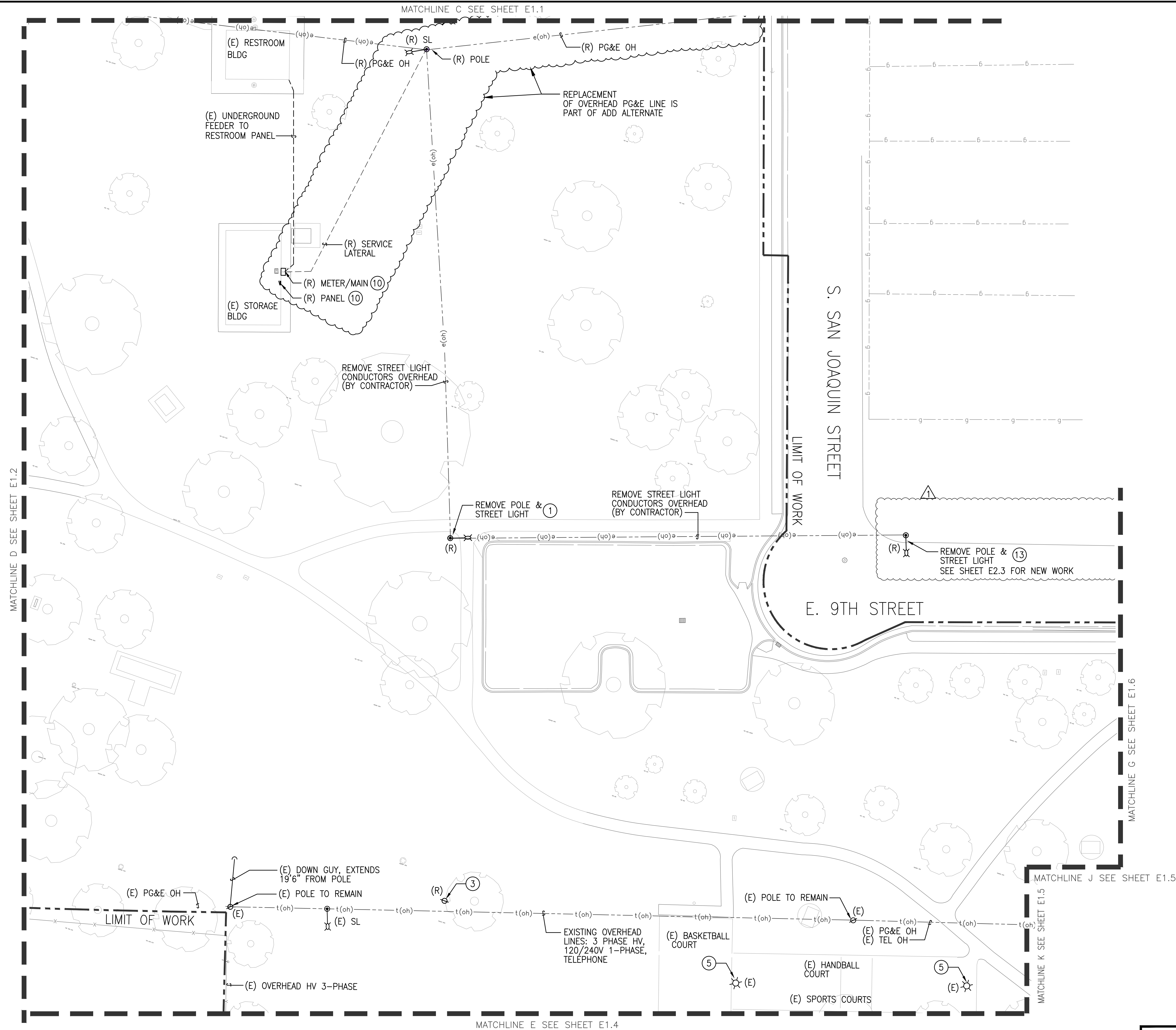
SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY RR	DATE	E1.1
DRAWN BY AG		87 OF 162 SHTS
CHECKED BY JA	CITY ENGINEER	WR21017 PROJECT NO.
RECORD DWGS.	STOCKTON, CALIFORNIA	



MATCHLINE C SEE SHEET E1.1

DEMOLITION NOTES:

- ① REMOVE POLE, FOUNDATION & LIGHT FIXTURE. BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING
- ③ REMOVE POLE AND FOUNDATION. BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING
- ⑤ EXISTING SPORT LIGHT POLES TO REMAIN. REPLACE LIGHT FIXTURES WITH (N) LED FLOOD LIGHT. REWIRE BRANCH CIRCUIT TO NEW ELEC SERVICE METER PEDESTAL #2, SEE SHEET E2.3 FOR NEW WORK
- ⑩ REMOVE OLD METER/MAIN ON EXTERIOR WALL OF BLDG. AND REPLACE WITH NEW, REMOVE OLD PANEL INSIDE BLDG AND REPLACE WITH NEW, SEE SHEET E2.3 FOR NEW WORK
- ⑬ (E) STREET LIGHT POLE TO BE REMOVED AFTER NEW LIGHT POLE IS INSTALLED NEARBY AND CONNECTED TO POWER SUPPLY BY UTILITY. REMOVE POLE AND FOUNDATION, BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING



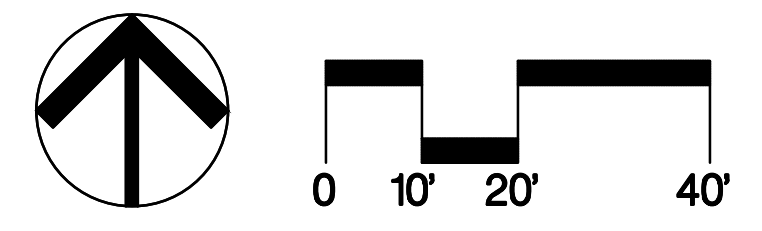
natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL DEMOLITION PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO. E1.3
SCALE AS SHOWN	DESIGNED BY RR	CITY ENGINEER	WR21017	89 OF 162 SHTS
DRAWN BY AG	CHECKED BY JA	STOCKTON, CALIFORNIA	PROJECT NO.	
RECORD DWGS.				

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
①	Response to Permit Cycle 1 Comments	11/14/22	AG	



File Path: C:\Users\jgarcia\OneDrive\Documents\Projects\Stockton\Renovations\11-14-22\11-14-22\11-14-22.dwg
 Author: jgarcia
 Date: 11/14/22
 Title: ELECTRICAL DEMOLITION PLAN
 Project: MCKINLEY PARK RENOVATIONS PROJECT
 Drawing No.: E1.3
 Scale: AS SHOWN
 Status: PERMIT REVIEW SET
 Copyright © 2022, Natron Resources, Inc. All Rights Reserved.

DEMOLITION NOTES:

- ① REMOVE POLE, FOUNDATION & LIGHT FIXTURE. BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING
- ①① REMOVE UNDERGROUND CONDUIT & WIRING BETWEEN SPORT LIGHT POLES

MATCHLINE E SEE SHEET E1.3

MATCHLINE K SEE SHEET E1.5

MATCHLINE H SEE SHEET E1.5

MATCHLINE F SEE SHEET E1.5

(E) BASKETBALL COURT

(R)

(11)

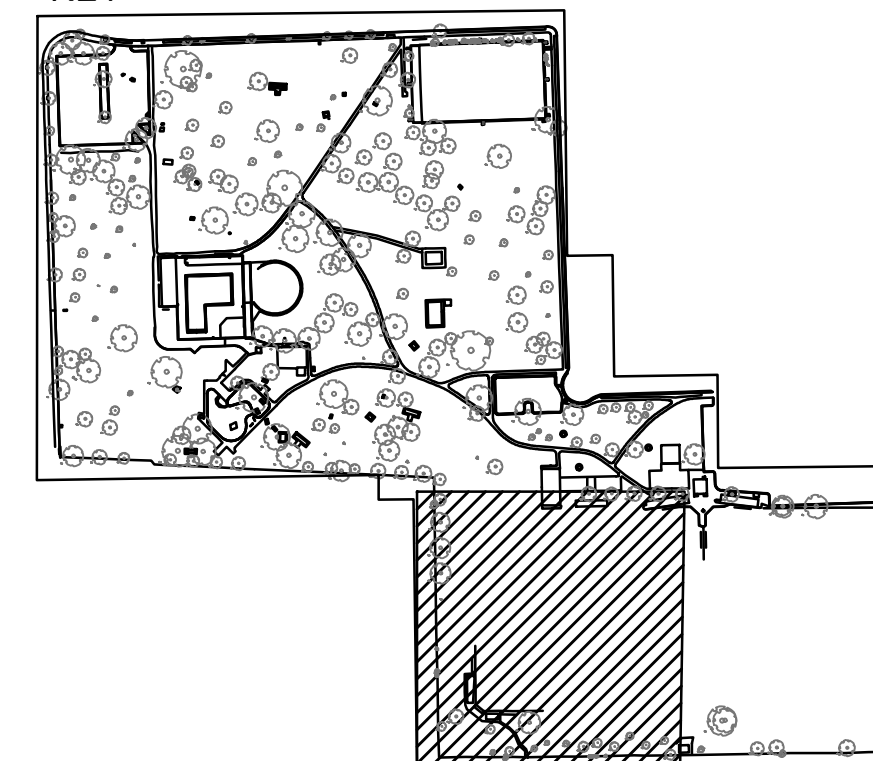
wood

(E) OVERHEAD HV 3 PHASE

(E)

(E) OVERHEAD HV 3 PHASE

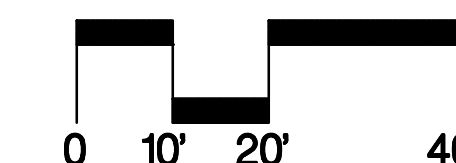
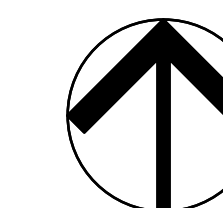
KEY MAP



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

**MCKINLEY PARK RENOVATIONS PROJECT
 ELECTRICAL DEMOLITION PLAN**

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA



PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
①	Response to Permit Cycle 1 Comments	11/14/22	AG	

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. E1.4
DESIGNED BY RR		90 OF 162 SHTS
DRAWN BY AG	CITY ENGINEER	WR21017
CHECKED BY JA	STOCKTON, CALIFORNIA	PROJECT NO.
RECORD DWGS.		



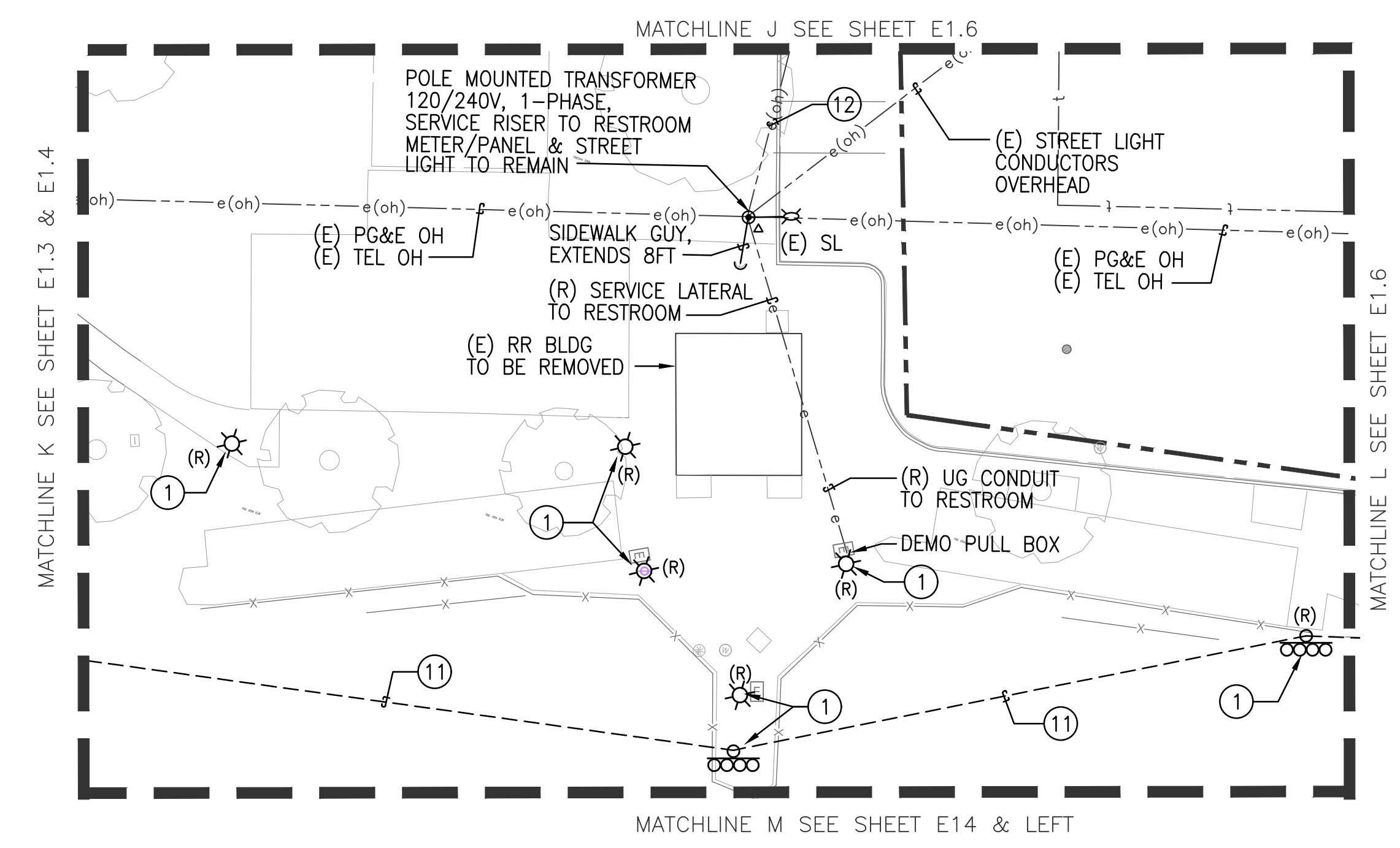
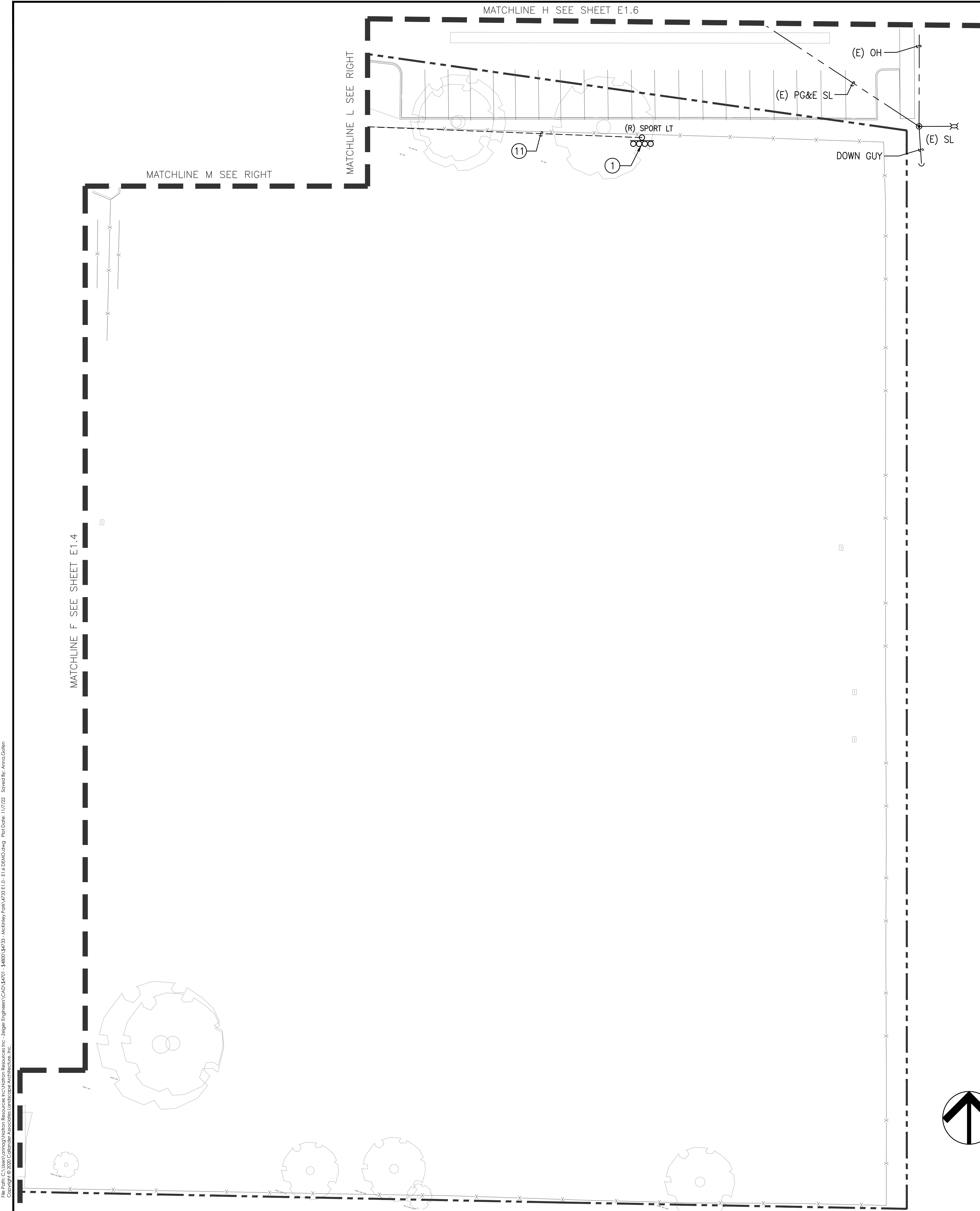
(E) BLDG

(E) PG&E OH

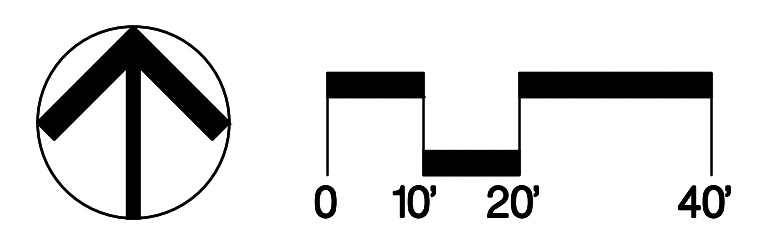
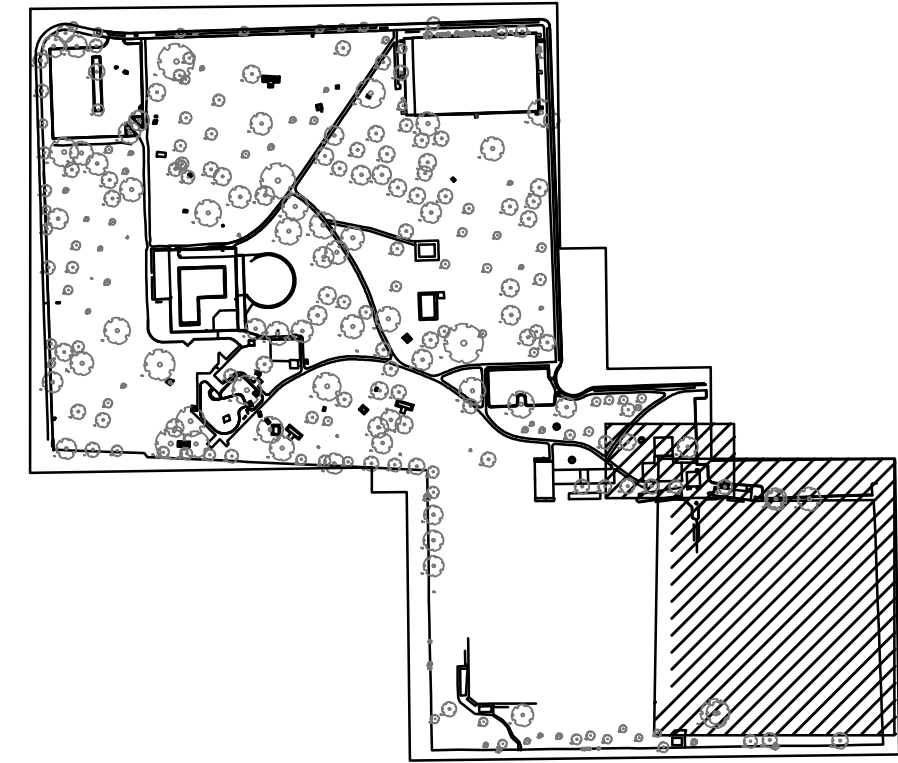
File Path: C:\Users\jgarcia\Documents\Projects\Stockton\Projects\11/14/22 - Stockton - 11/17/22 - Stockton - AutoCAD.dwg
 Copyright © 2022, California Association of Landscape Architects, Inc.

SHEET NOTES:

- ① REMOVE POLE, FOUNDATION & LIGHT FIXTURE. BACKFILL HOLE AND RESTORE LANDSCAPE PLANTING
- ⑪ REMOVE UNDERGROUND CONDUIT & WIRING BETWEEN SPORT LIGHT POLES
- ⑫ (E) PG&E OH CABLE & TEL



KEY MAP



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL DEMOLITION PLAN

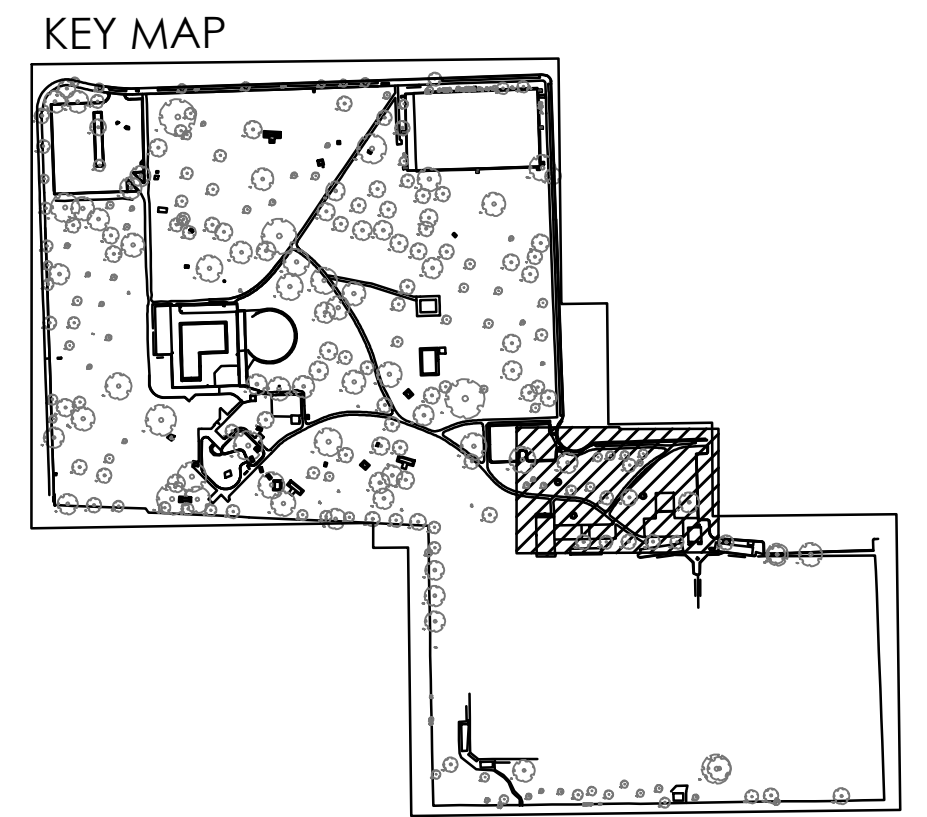
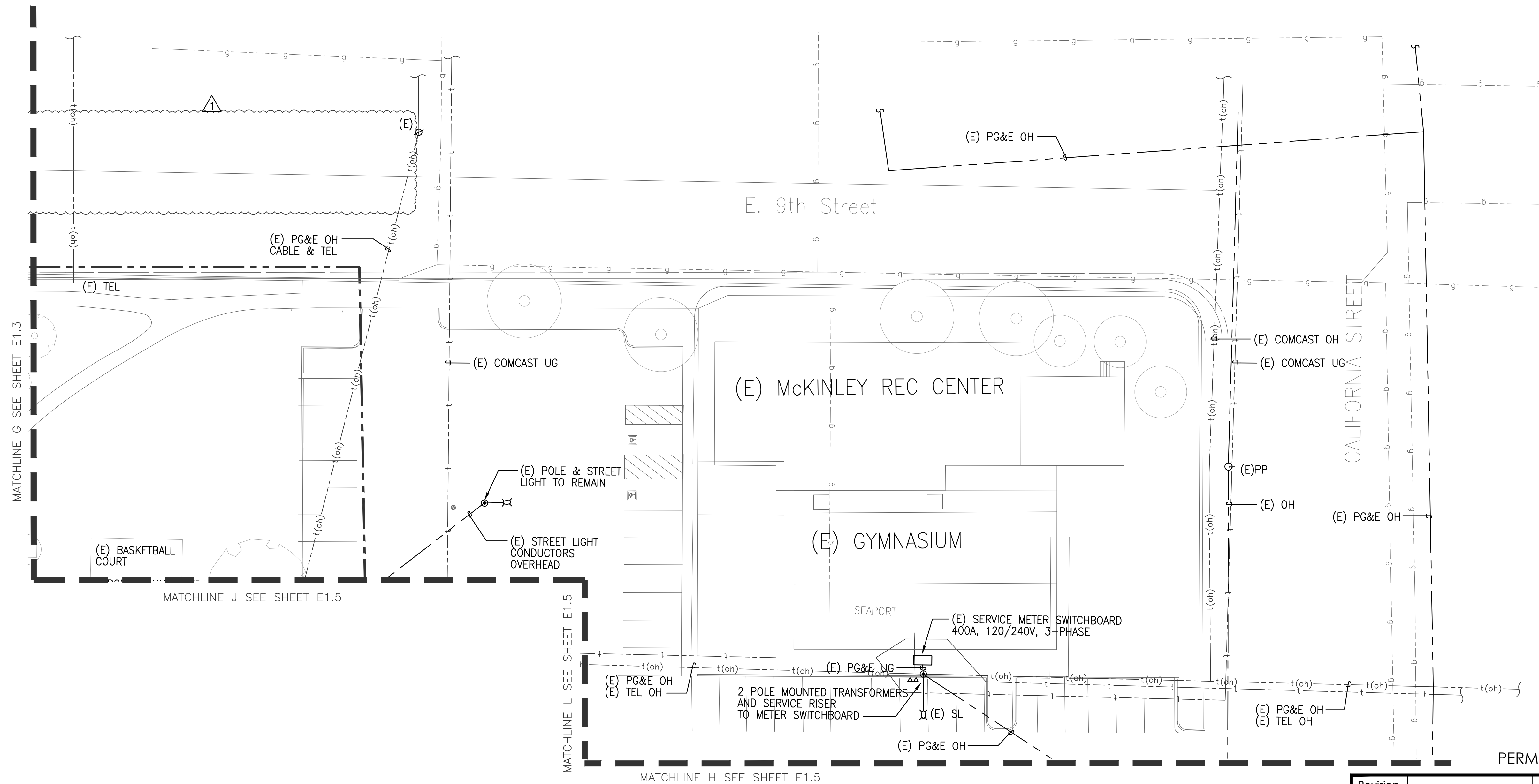
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. E1.5
DESIGNED BY RR	CITY ENGINEER STOCKTON, CALIFORNIA	91 OF 162 SHTS
DRAWN BY AG		WR21017 PROJECT NO.
CHECKED BY JA		
RECORD DWGS.		

File Path: C:\Users\jmoran\OneDrive\Documents\Projects\Stockton\Renovations\11-14-22\11-14-22\11-14-22.dwg
 Copyright © 2022, Caltrans, Associated Landscape Architects of California, Inc.

File Path: C:\Users\jgarcia\OneDrive\Documents\Projects\Stockton Resources Inc. - Major Engineer\CAD\DWG\101 - 44003_4733 - McKinley Park\101.E1.6.DWG.dwg Plot Date: 11/17/22 - Saved By: AutoCAD
 Copyright © 2020 Caliber Associates/Landscape Architecture, Inc.

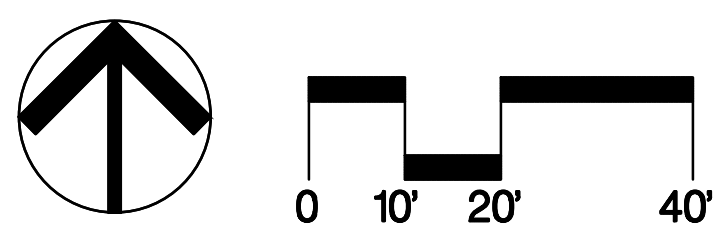



 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL DEMOLITION PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO. E1.6
SCALE AS SHOWN	DESIGNED BY RR	CITY ENGINEER	WR21017	92 OF 162 SHTS
DRAWN BY AG	CHECKED BY JA	STOCKTON, CALIFORNIA	PROJECT NO.	WR21017
RECORD DWGS.				

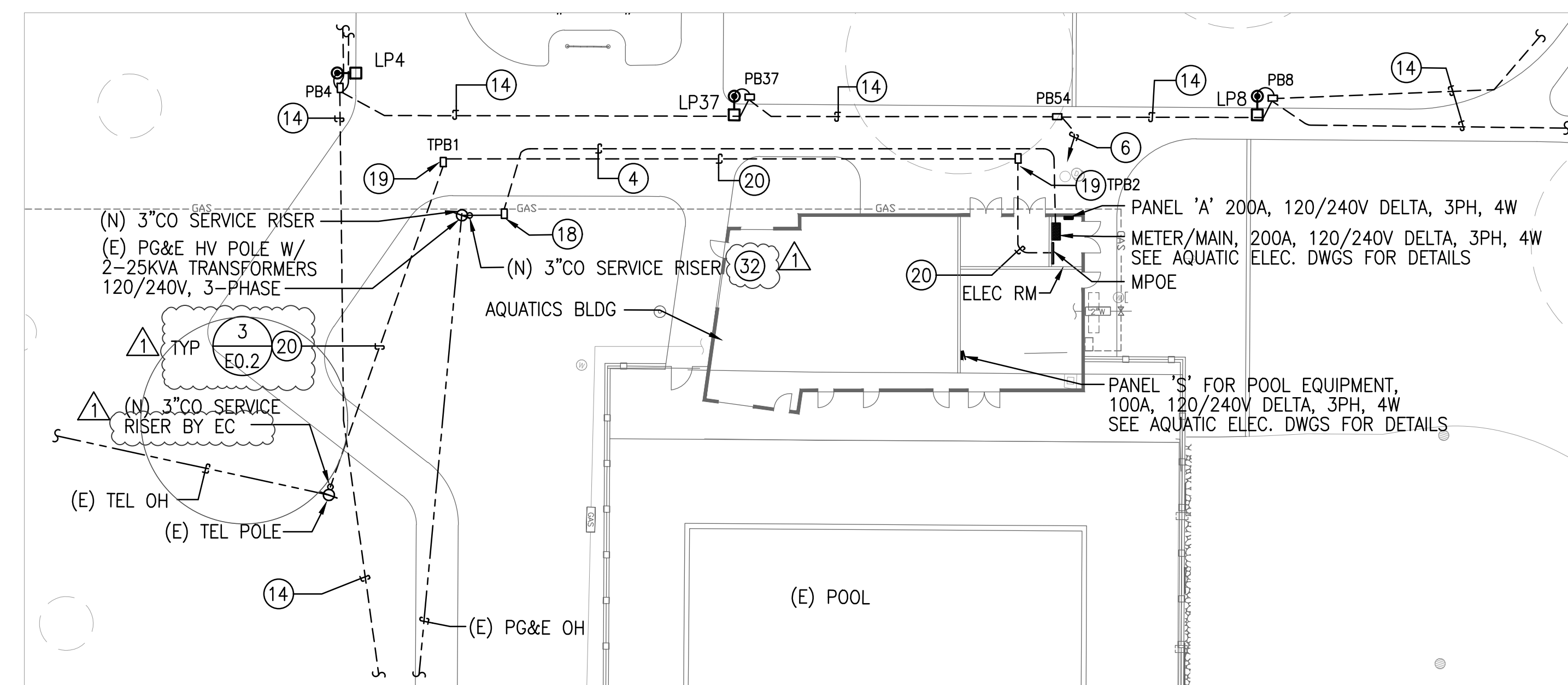
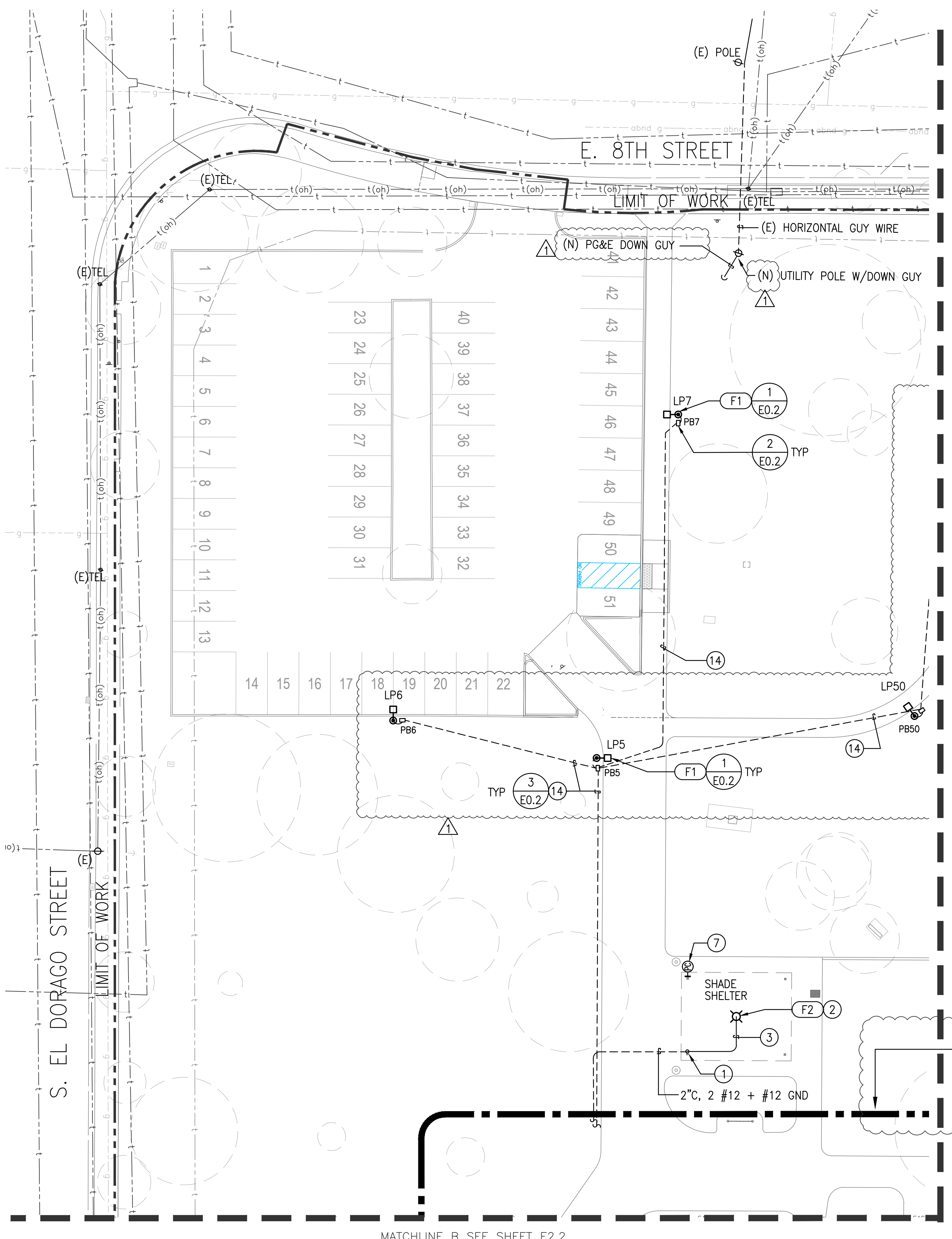
Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	



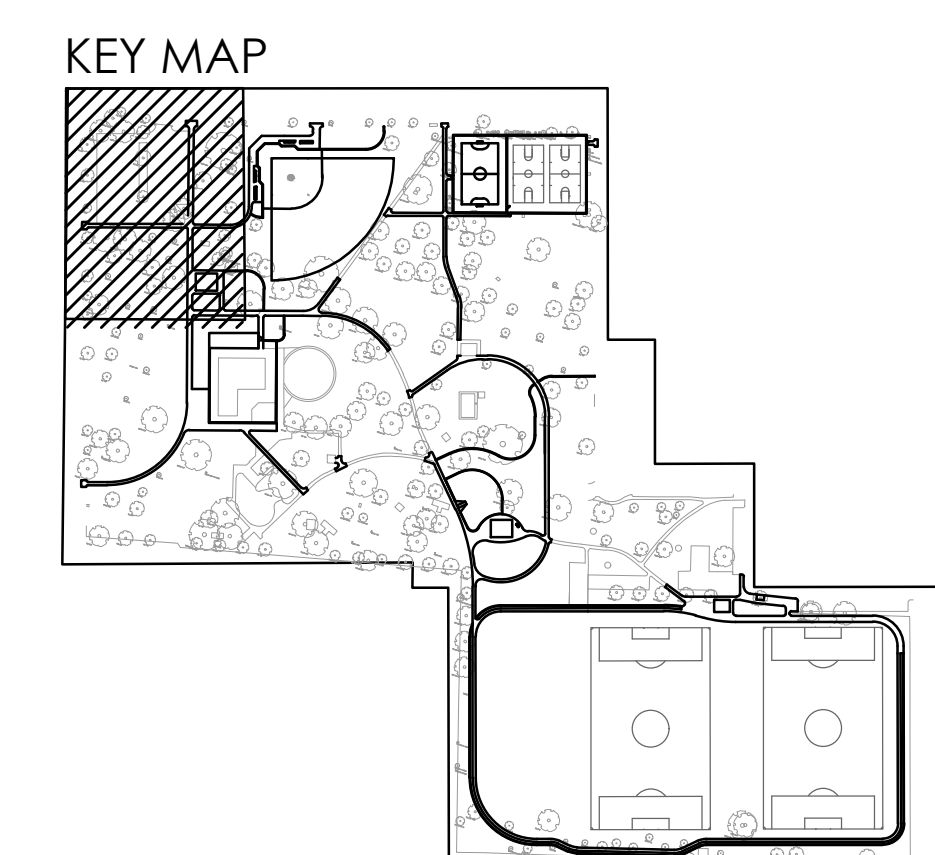
PERMIT REVIEW SET

SHEET NOTES:

- ① 1/2" PVC STUBBED UP THROUGH STEEL BASEPLATE OF SHADE STRUCTURE COLUMN. COLUMN TO HAVE HANDHOLE AND COVER PLATE AT +18" ABOVE GRADE. SEE SHADE STRUCTURE DRAWINGS
- ② PLACE LIGHT FIXTURE F2 ON A CUSTOM FABRICATED METAL ADAPTER TO ALLOW FIXTURE TO BE MOUNTED HORIZONTALLY ON METAL FRAME OF THE SHADE STRUCTURE. MOUNT FIXTURE ON CAST OUTLET BOX. CONCEAL WIRING WITHIN METAL FRAMING
- ③ 2 #12 + #12 GND MC CABLE RUN IN SHADE STRUCTURE TUBING
- ④ (N) 3" CO SERVICE LATERAL TO AQUATICS BLDG
- ⑥ 2" C, 2 #6 + #6 GND TO AQUATICS BLDG PANEL
- ⑦ PHOTOCONTROL FOR SHADE STRUCTURE LIGHTS, MOUNT ON NORTH SIDE OF POST AT +10' MIN
- ⑭ 2" C, 2 #6 + #6 GND (PATHWAY LIGHTING)
- ⑮ SERVICE PULL BOX PER PG&E DRAWINGS
- ⑲ COMMUNICATIONS PULL BOX
- ⑳ 3" CO TELEPHONE SERVICE WITH PULL STRINGS



DETAIL 2

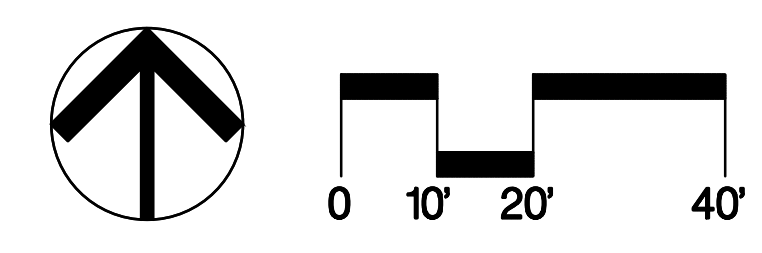


natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

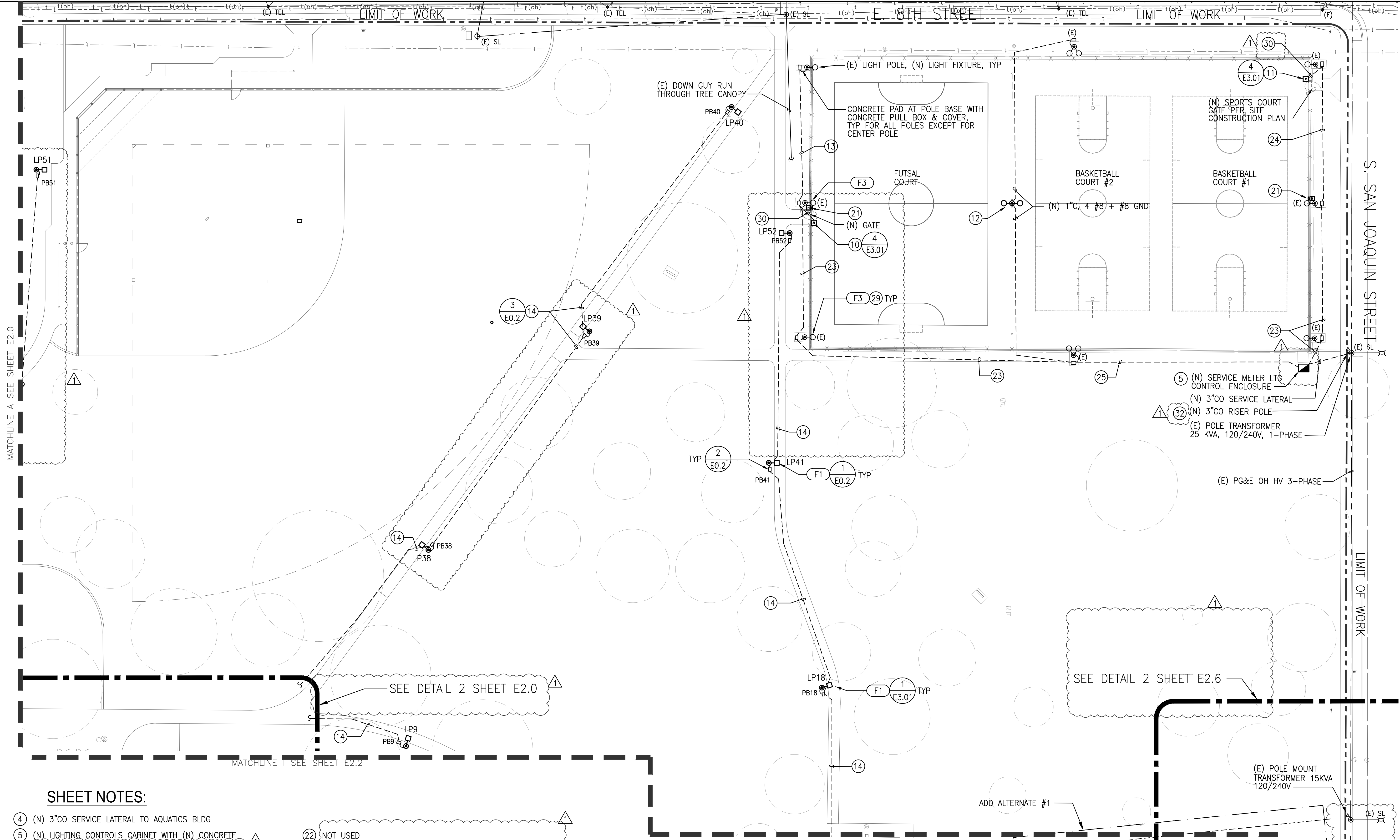
MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE AS SHOWN	DESIGNED BY RR	DATE	E2.0
DRAWN BY AG	CHECKED BY JA	CITY ENGINEER	93 OF 162 SHTS
RECORD DWGS.	APPROVED BY:	STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
①	Response to Permit Cycle 1 Comments	11/14/22	AG	



File Path: C:\Users\jgarcia\OneDrive\Documents\Projects\Stockton Resources Inc. - Major\Engines\CA\DWG\E2.0 - E2A.dwg, Plot Date: 11/14/22, Saved By: Anna Sofian
 Copyright © 2020, California Associated Landscape Architects, Inc.



MATCHLINE A SEE SHEET E2.0

MATCHLINE I SEE SHEET E2.2

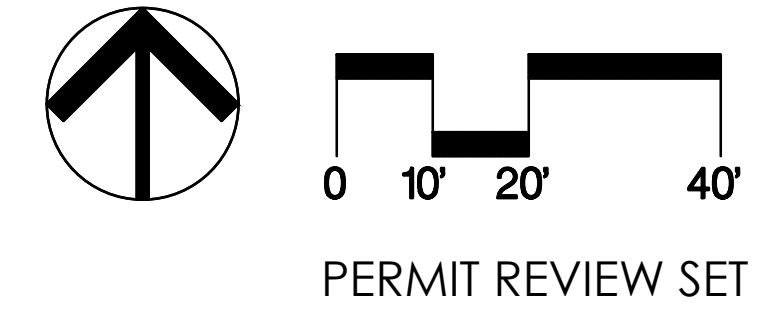
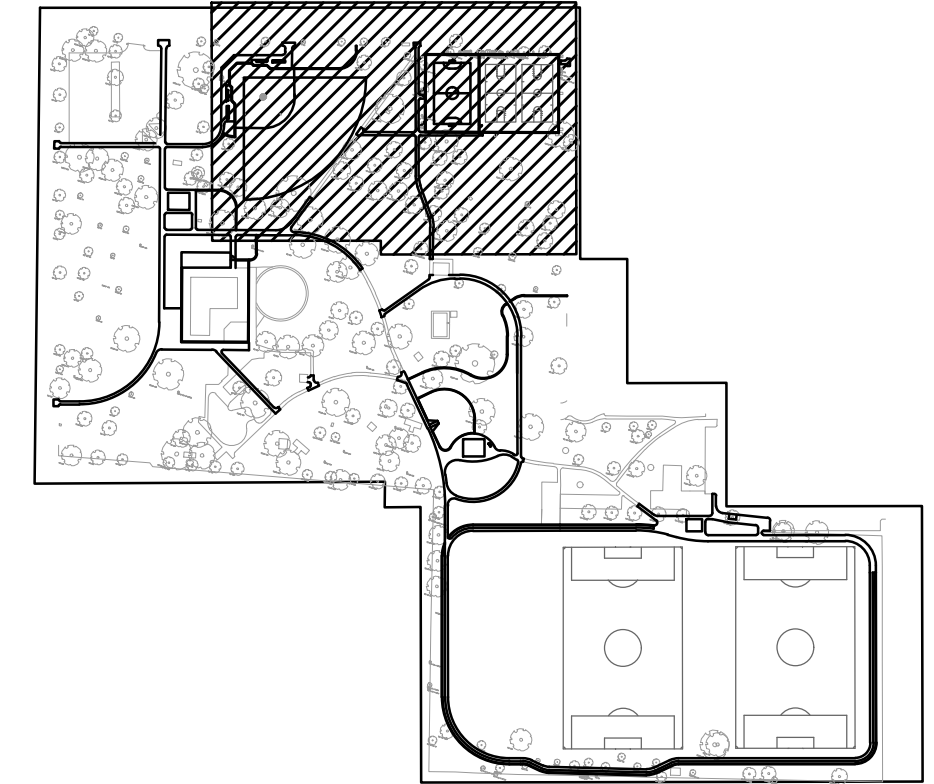
MATCHLINE C SEE SHEET E2.3

S. SAN JOAQUIN STREET
LIMIT OF WORK

SHEET NOTES:

- ④ (N) 3"CO SERVICE LATERAL TO AQUATICS BLDG
- ⑤ (N) LIGHTING CONTROLS CABINET WITH (N) CONCRETE FOUNDATION, PEDESTAL #1, SEE SINGLE LINE DIAGRAM DET.1 SHEET E0.1
- ⑥ 2" C, 2 #6 + #6 GND TO AQUATICS BLDG PANEL 'A'
- ⑩ (N) PUSHBUTTON STATION FOR FUTSAL COURT LIGHTS ONLY, WIRED TO CONTROL PANEL
- ⑪ (N) PUSHBUTTON STATION FOR BASKETBALL COURT LIGHTS ONLY, WIRED TO CONTROL PANEL
- ⑫ RELOCATED POLE WITH (N) TWO LIGHT FIXTURES, REINFORCED CONCRETE BASE AND 1"Ø X 36"L ANCHOR BOLTS
- ⑬ INSTALL (N) 2 #8 + #8 GND IN (E) CONDUIT
- ⑭ 2" C, 2 #6 + #6 GND (PATHWAY LIGHTING)
- ⑰ NOT USED
- ⑱ NOT USED
- ⑳ (N) WARNING WEATHERPROOF VIBRATING HORN, 120V AC BY EDWARDS SIGNALING #876-N5, MOUNT AT +14' AFG
- ㉒ NOT USED
- ㉓ (E) CONDUIT, (N) 2 #8 + #8 PWR + 2 #12 FOR WARNING HORN
2 #12 FOR PUSHBUTTON
- ㉔ (E) CONDUIT, (N) 2 #8 + #8 PWR + 2 #12 FOR PUSHBUTTON
- ㉕ (E) CONDUIT, (N) 4 #8 + #8 PWR + 2 #12 FOR WARNING HORN
2 #12 FOR PUSHBUTTON
- ㉖ (N) LED LIGHT FIXTURE TO REPLACE OLD ON EXISTING POLE
- ㉗ (N) 3/4" C, 2 #12 + #12 GND FOR PUSHBUTTON
- ㉘ RISER POLE BY CONTRACTOR, SEE DETAIL 5 SHEET E0.2

KEY MAP



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO. E2.1
SCALE AS SHOWN	CITY ENGINEER	WR21017	PROJECT NO.	94 OF 162 SHTS
DESIGNED BY RR	CHECKED BY JA	RECORD DWGS.	STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
①	Response to Permit Cycle 1 Comments	11/14/22	AG	



File Path: C:\Users\jmoraga\OneDrive\Documents\Projects\2022\11-14-22_Mckinley Park\11-14-22 - Stockton - AutoCAD.dwg, Plot Date: 11/14/22, Saved By: Anna Estefan

S. EL DORAGO STREET

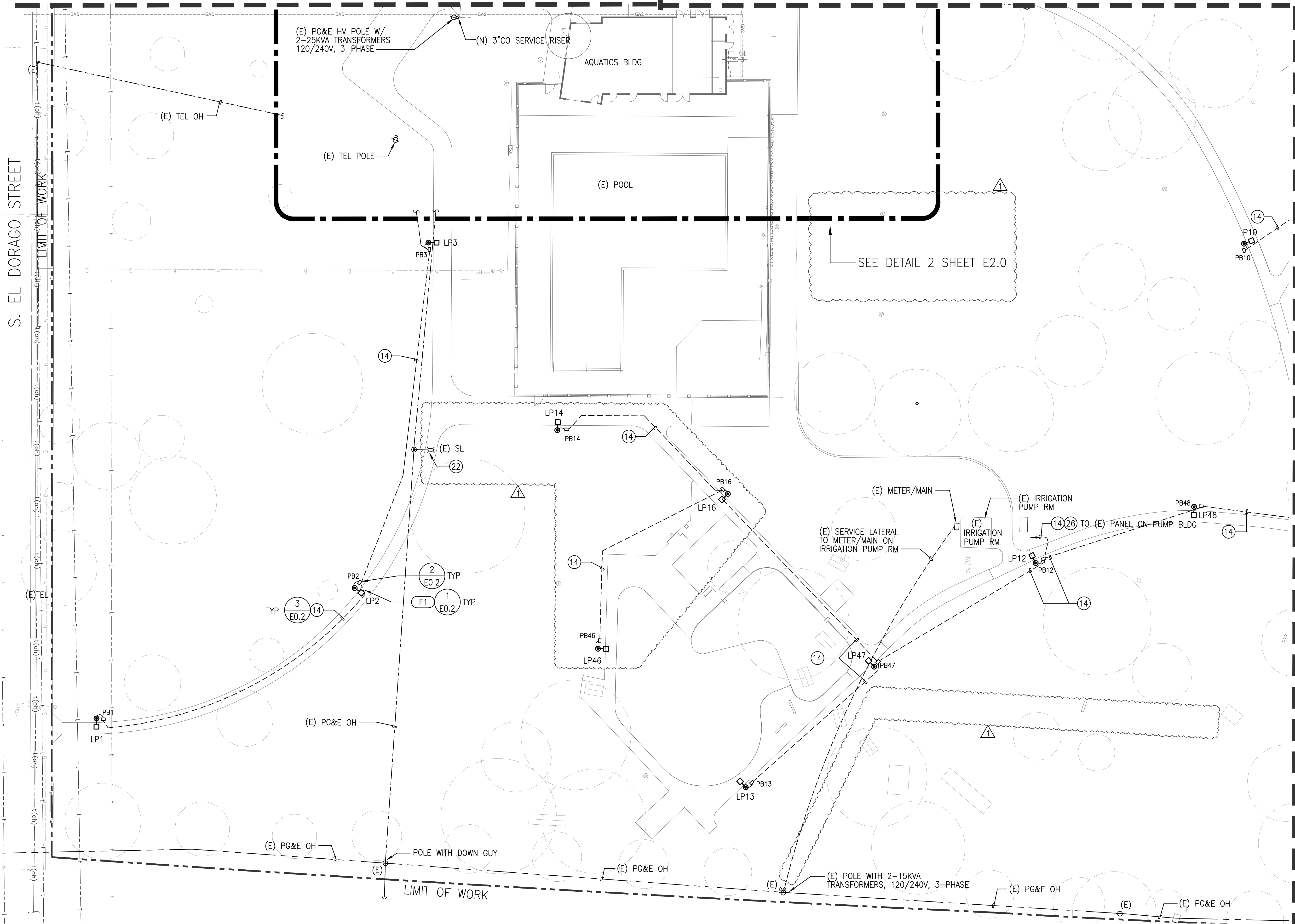
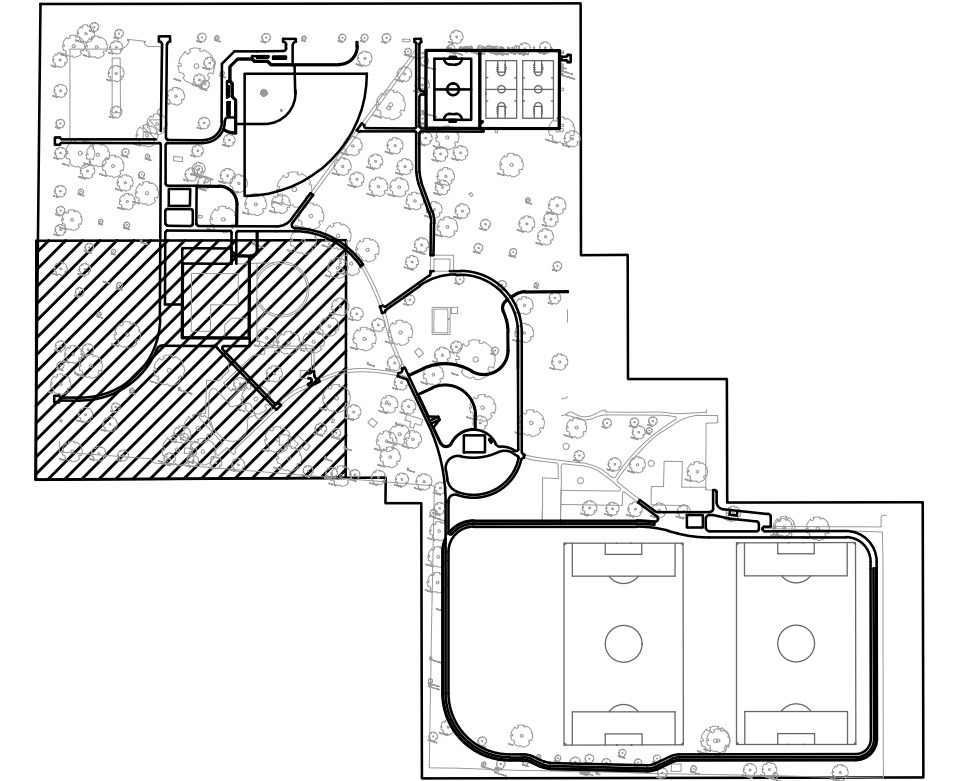
MATCHLINE B SEE SHEET E2.0

MATCHLINE I SEE SHEET E2.1

SHEET NOTES:

- 14 2" C, 2 #6 + #6 GND (PATHWAY LIGHTING)
- 20 NOT USED
- 22 REMOVE OLD LUMINAIRE AND REPLACE WITH PATHWAY TYPE F1 LUMINAIRE UTILIZING (E) MAST ARM
- 26 PROVIDE (N) 20A/2P CIRCUIT BREAKER IN (E) PANEL FOR PATH LIGHTING

KEY MAP



MATCHLINE D SEE SHEET E2.3

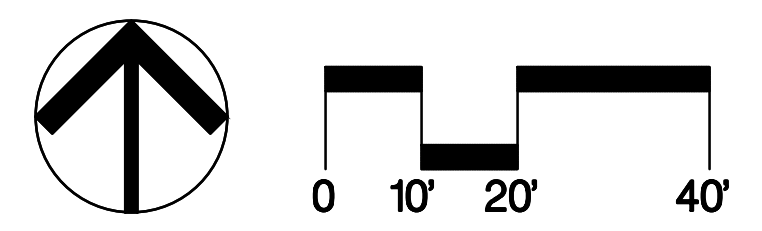


natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. E2.2
DESIGNED BY RR	CITY ENGINEER	CHECKED BY JA	RECORD DWGS.	95 OF 162 SHTS
			STOCKTON, CALIFORNIA	WR21017 PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	

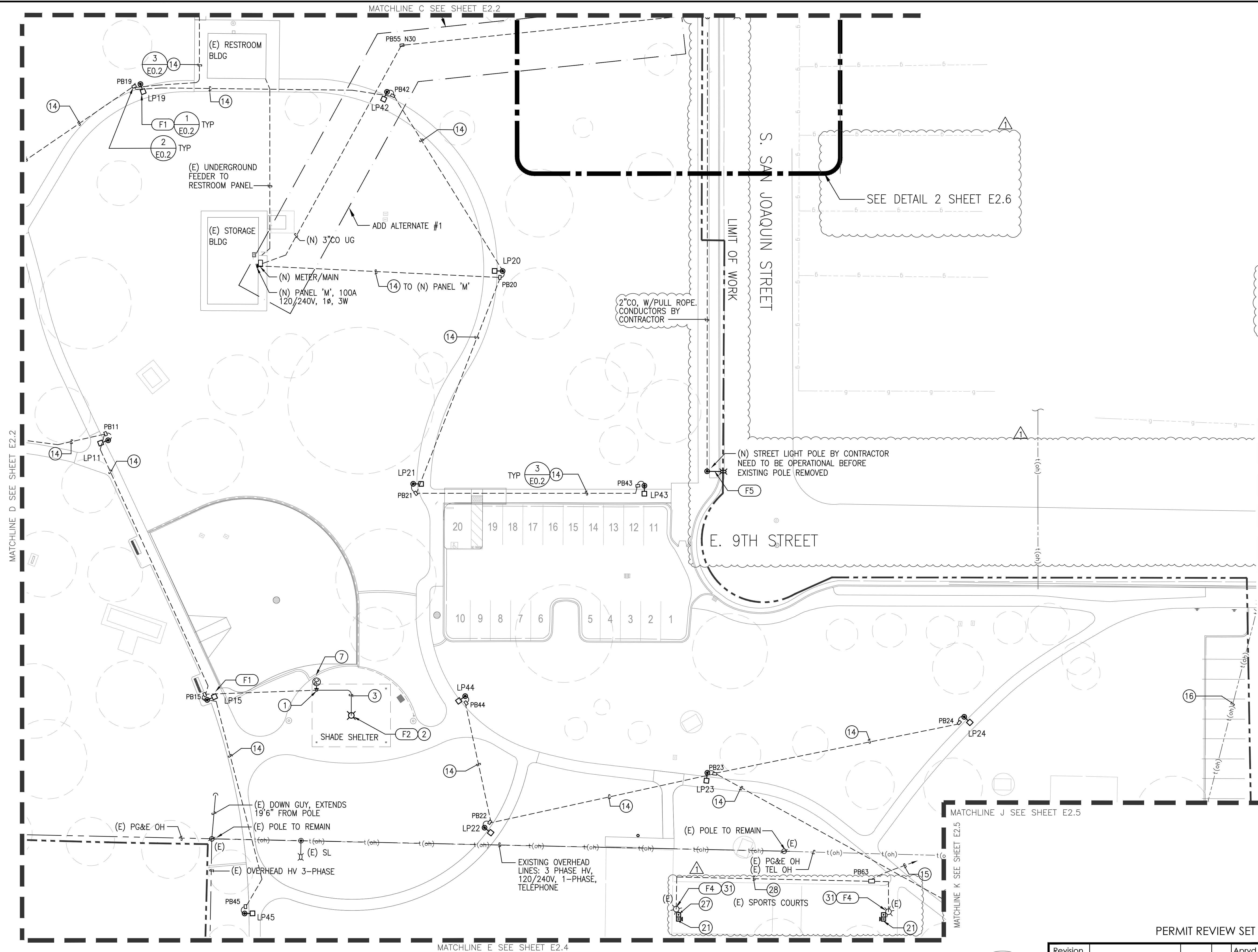


File Path: C:\Users\jgarcia\OneDrive\Documents\Projects\Stockton\Renovations\Electrical\Drawings\11/14/22 - Stockton - AutoCAD.dwg
 Copyright © 2022, California Associated Landscape Contractors, Inc.

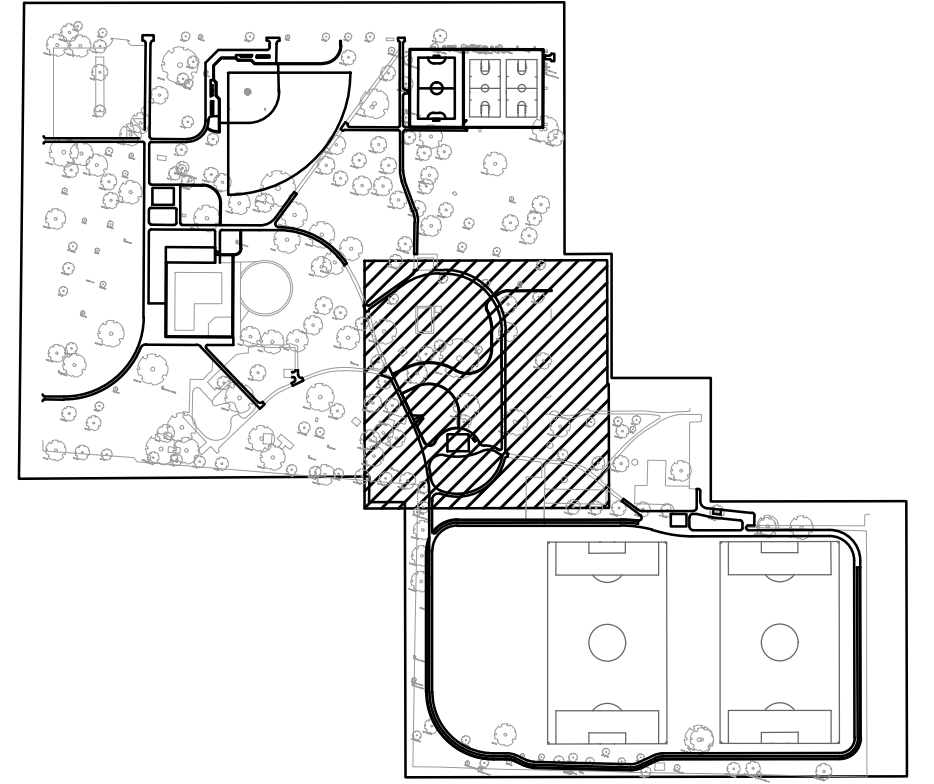
MATCHLINE C SEE SHEET E2.2

SHEET NOTES:

- ① 1/2" PVC STUBBED UP THROUGH STEEL BASEPLATE OF SHADE STRUCTURE COLUMN. COLUMN TO HAVE HANDHOLE AND COVER PLATE AT +18" ABOVE GRADE. SEE SHADE STRUCTURE DRAWINGS
- ② PLACE LIGHT FIXTURE F2 ON A CUSTOM FABRICATED METAL ADAPTER TO ALLOW FIXTURE TO BE MOUNTED HORIZONTALLY ON METAL FRAME OF THE SHADE STRUCTURE. MOUNT FIXTURE ON CAST OUTLET BOX. CONCEAL WIRING WITHIN METAL FRAMING
- ③ 2 #12 + #12 GND MC CABLE RUN IN SHADE STRUCTURE TUBING
- ⑦ PHOTOCONTROL FOR SHADE STRUCTURE LIGHTS, MOUNT ON NORTH SIDE OF POST AT +10' AFG MIN
- ⑭ 2" C, 2 #6 + #6 GND (PATHWAY LIGHTING)
- ⑮ 2" C, 2 #10 (LTG) + 4 #12 (2 PUSHBUTTONS) + 3 #12 (2 WARNING HORNS) + #8 GND TO (N) PEDESTAL #2
- ⑯ (E) PG&E OH CABLE & TEL
- ⑰ (N) PUSHBUTTON STATION FOR SPORTS COURTS LIGHTS, WIRED TO CONTROL PANEL
- ⑱ 1" C, 2 #10 (LTG) + 2 #12 (PUSHBUTTON) + 2 #12 (WARNING HORN) + #8 GND TO (N) PEDESTAL #2
- ⑳ CLEAN AND REPAINT (E) POLES



KEY MAP



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

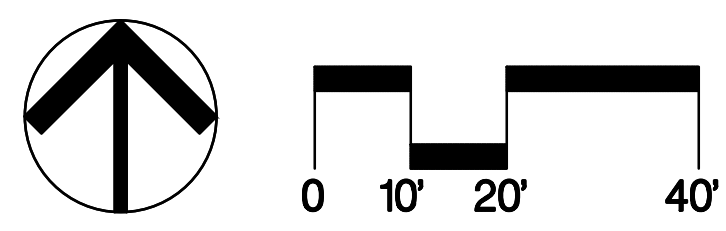
ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
①	Response to Permit Cycle 1 Comments	11/14/22	AG	

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	RR	DATE	E2.3
DRAWN BY	AG		9% OF 162 SHTS
CHECKED BY	JA	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.



File Path: C:\Users\jagrawa\OneDrive\Documents\Projects\Stockton\Renovations\Drawings\Electrical\E2.3.dwg
 Project: MCKINLEY PARK RENOVATIONS PROJECT
 Date: 11/14/22
 Drawn by: Anna Giffen

MATCHLINE E SEE SHEET E2.3

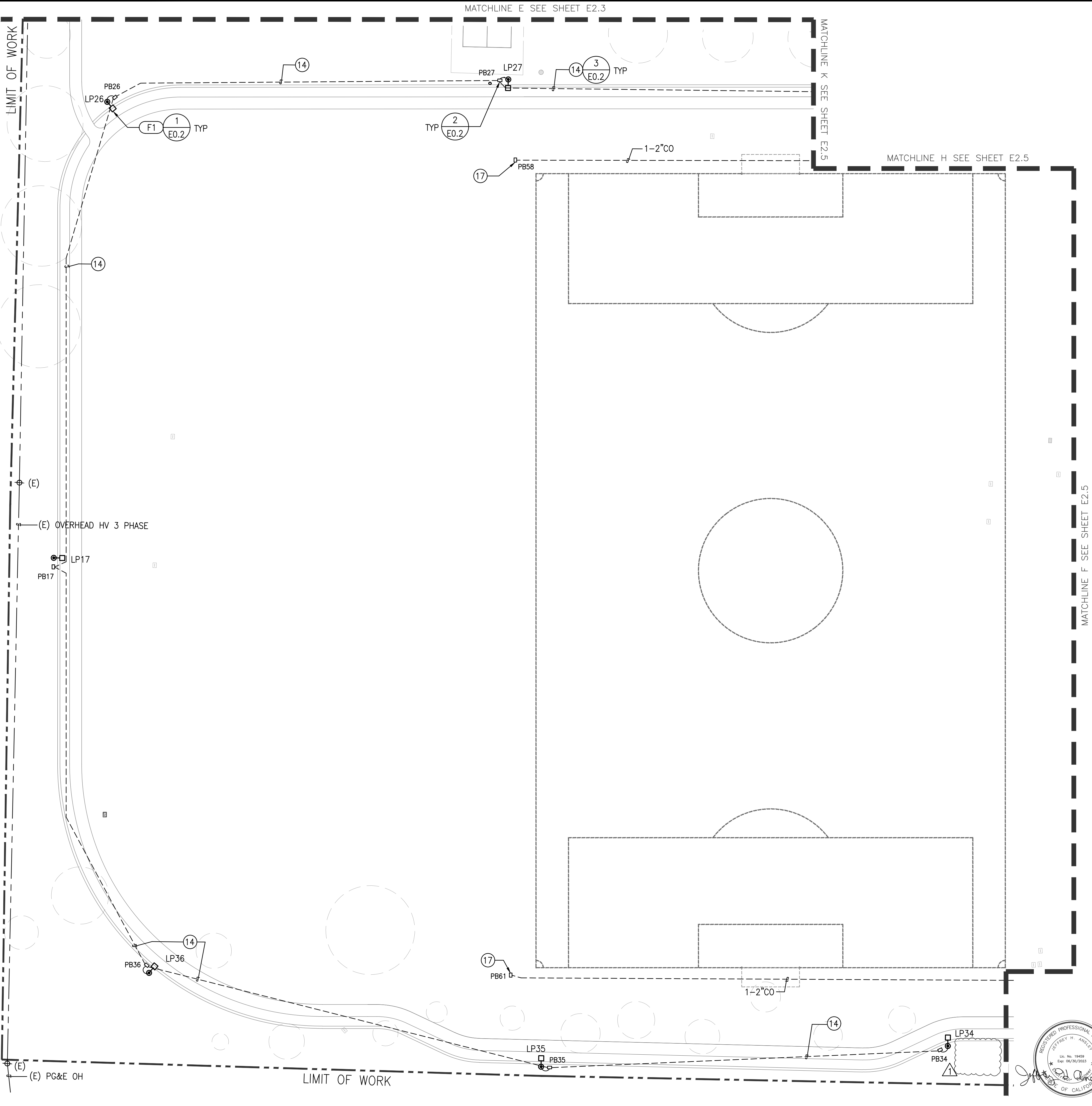
MATCHLINE K SEE SHEET E2.5

MATCHLINE H SEE SHEET E2.5

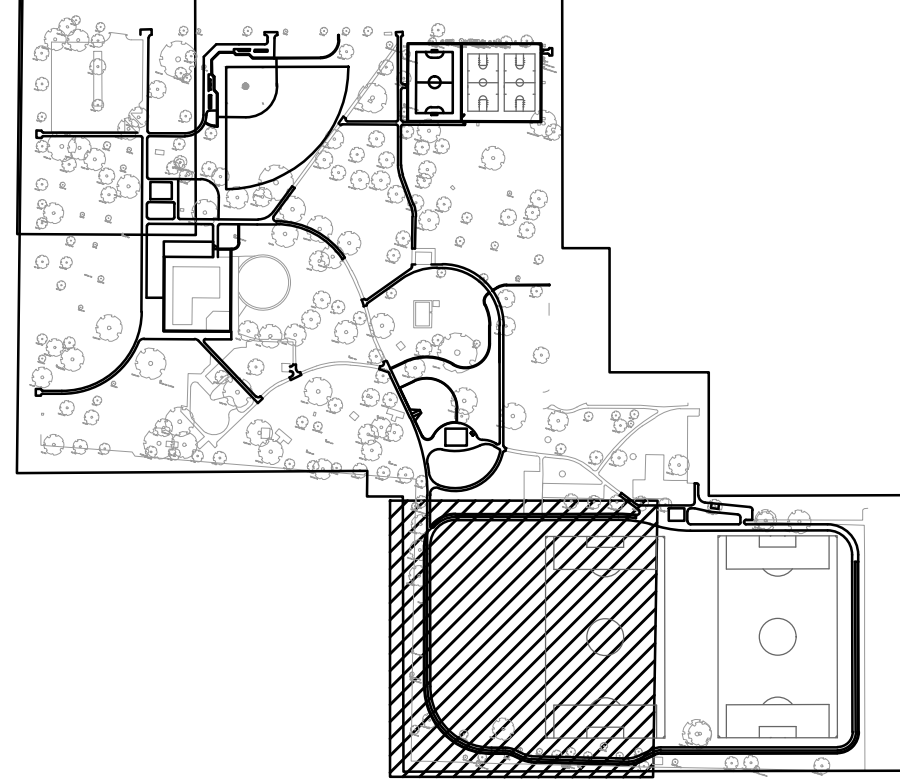
MATCHLINE F SEE SHEET E2.5

SHEET NOTES:

- ⑭ 2" C, 2 #6 + #6 GND (PATHWAY LIGHTING)
- ⑰ PULL BOX FOR FUTURE SOCCER FIELD LIGHTS WITH 2" EMPTY CONDUIT(S) AND PULL WIRE



KEY MAP



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

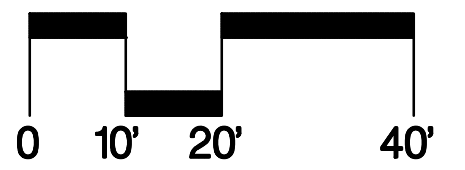
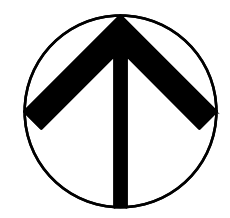
MCKINLEY PARK RENOVATIONS PROJECT

ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	RR	DATE	E2.4
DRAWN BY	AG		97 OF 162 SHTS
CHECKED BY	JA	CITY ENGINEER	WR21017
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.



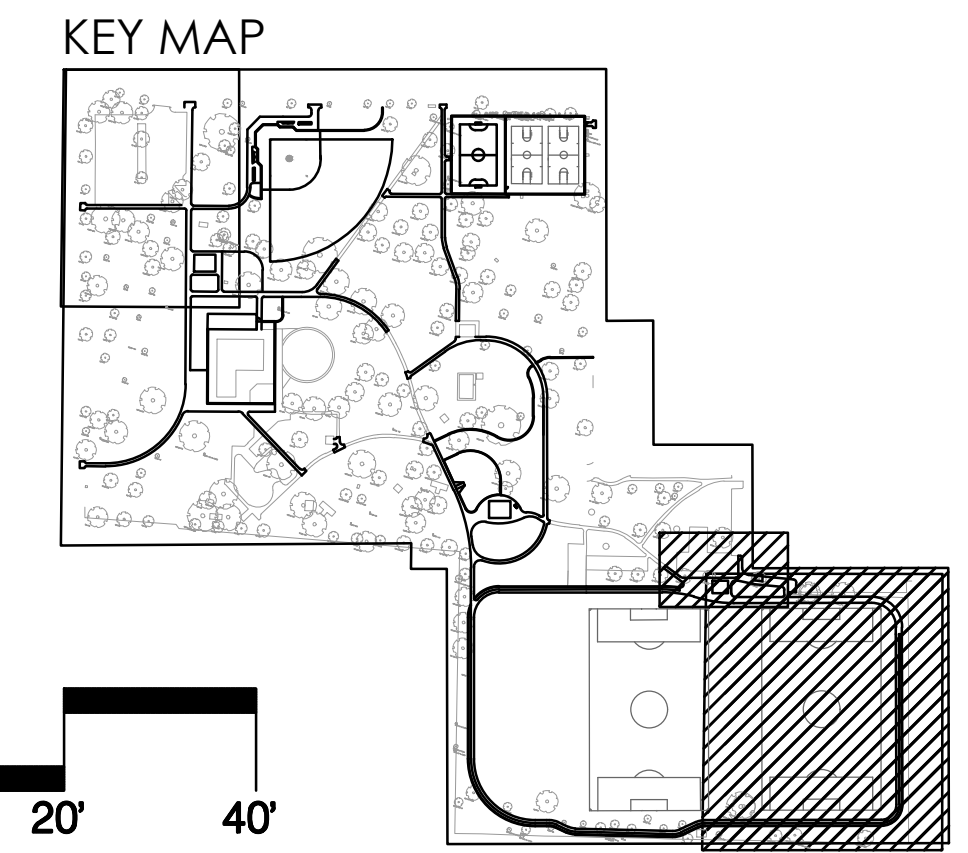
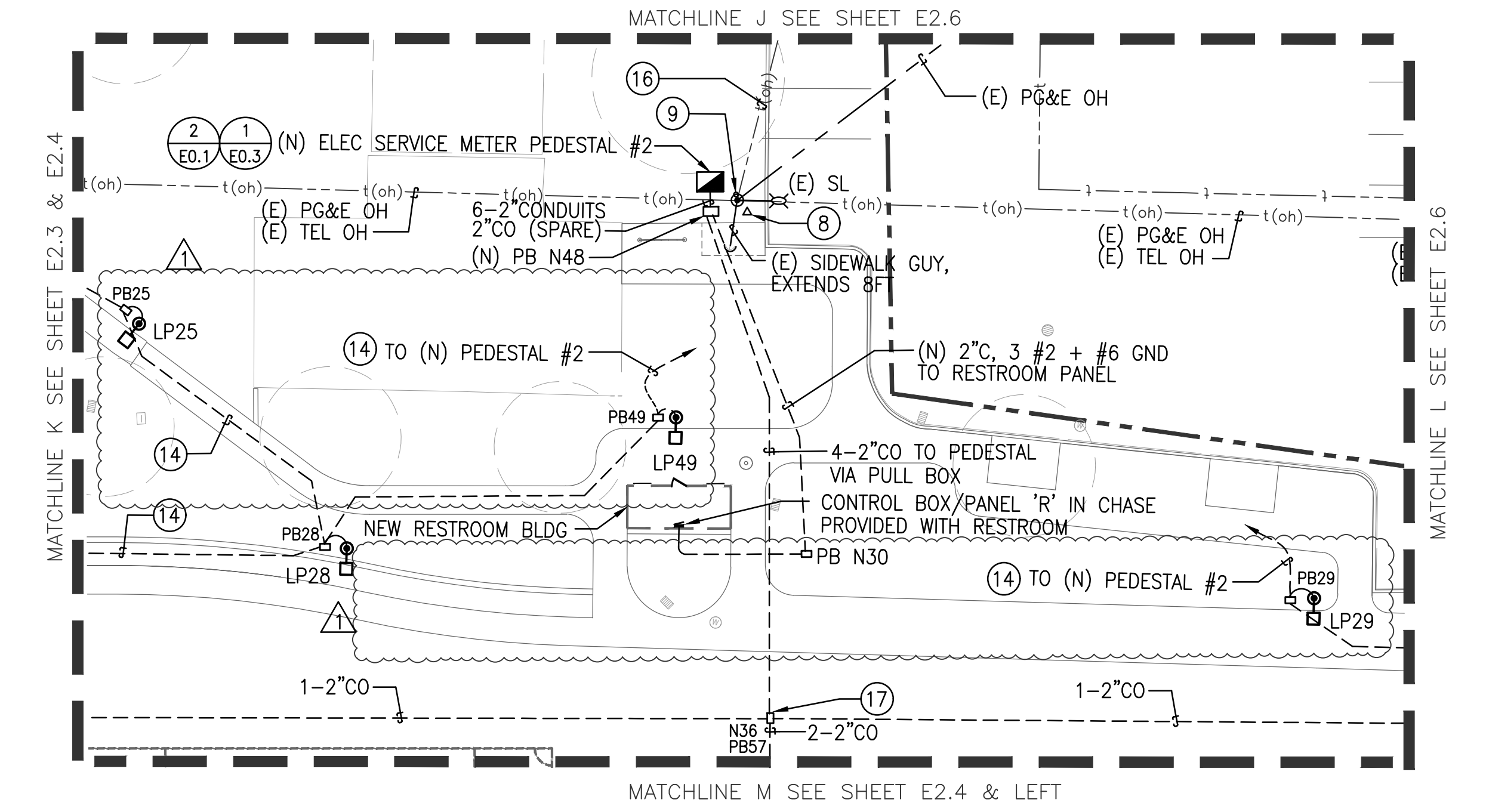
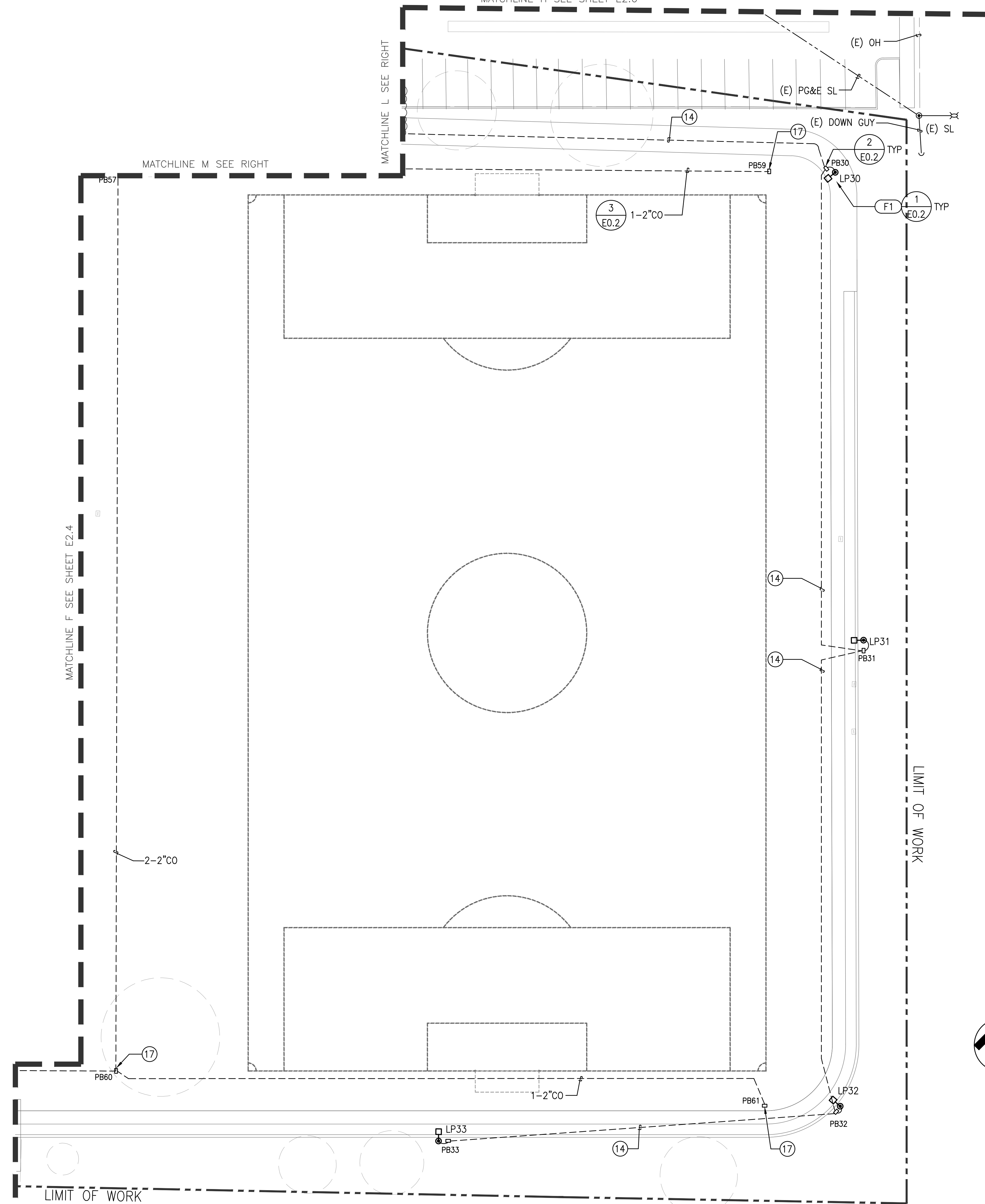
PERMIT REVIEW SET

File Path: C:\Users\jagrawa\OneDrive - Natron Resources Inc. - Regular Engineer\CA\DWG\4701 - 4800\4703 - McKinley Park\4703 E2.4 - E2.4.dwg, Plot Date: 11/14/22, Saved by: Anna Gofen
 Copyright © 2020, California Associated Landscape Architects, Inc.

MATCHLINE H SEE SHEET E2.6

SHEET NOTES:

- ⑧ (E) POLE MOUNTED TRANSFORMER 120/240V, 1-PHASE
- ⑨ (N) 4"CO SERVICE RISER TO METER PEDESTAL #2
- ⑭ 2"C, 2 #6 + #6 GND (PATHWAY LIGHTING)
- ⑯ (E) PG&E OH CABLE & TEL
- ⑰ PULL BOX FOR FUTURE SOCCER FIELD LIGHTS WITH 2" EMPTY CONDUIT(S) AND PULL WIRE



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO. E2.5
SCALE AS SHOWN	CITY ENGINEER	WR21017	PROJECT NO.	98 OF 162 SHTS
DESIGNED BY RR	STOCKTON, CALIFORNIA			
DRAWN BY AG				
CHECKED BY JA				
RECORD DWGS.				

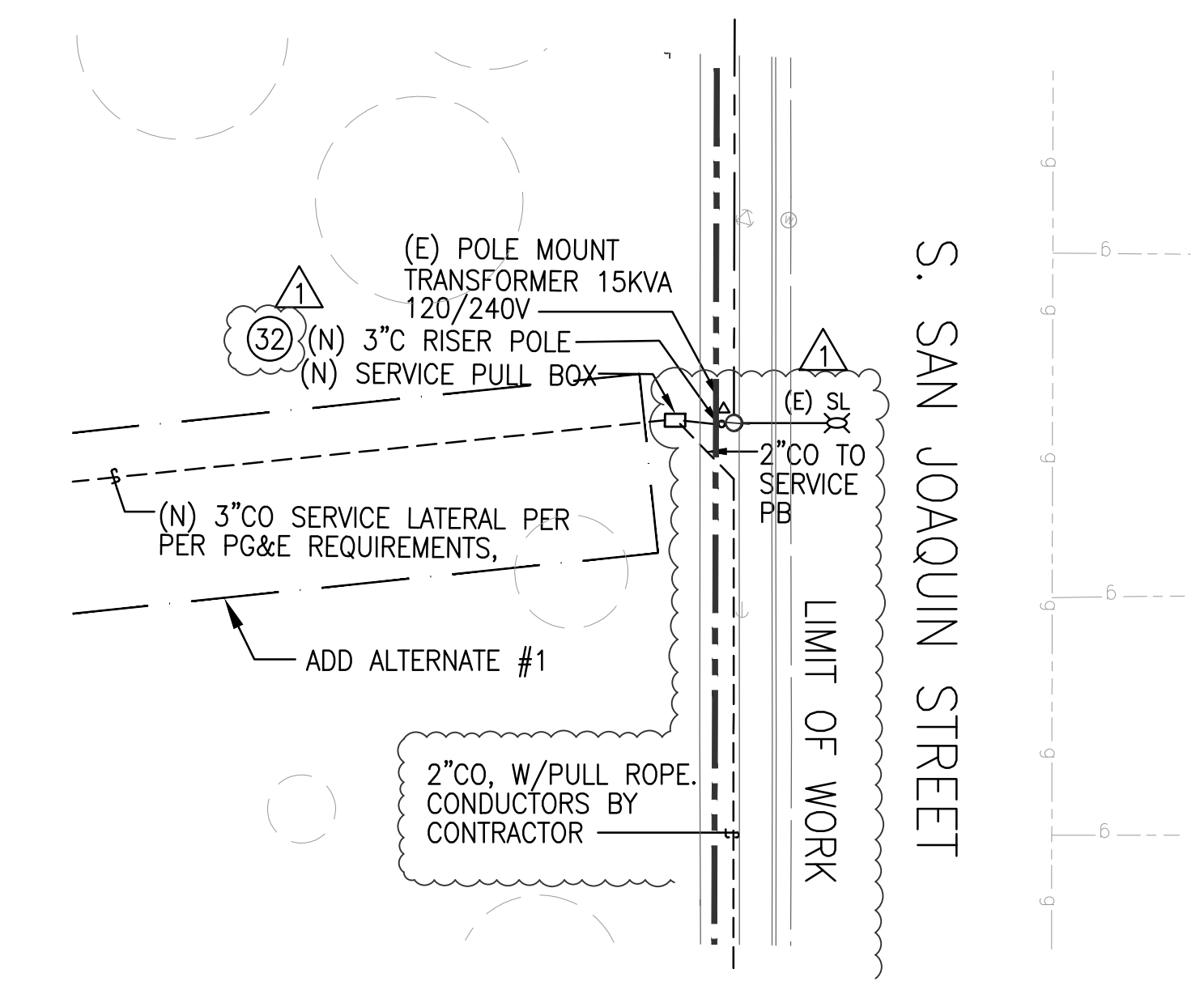
Revision No.	Description	Date	By	Aprvd. By
1	Response to Permit Cycle 1 Comments	11/14/22	AG	



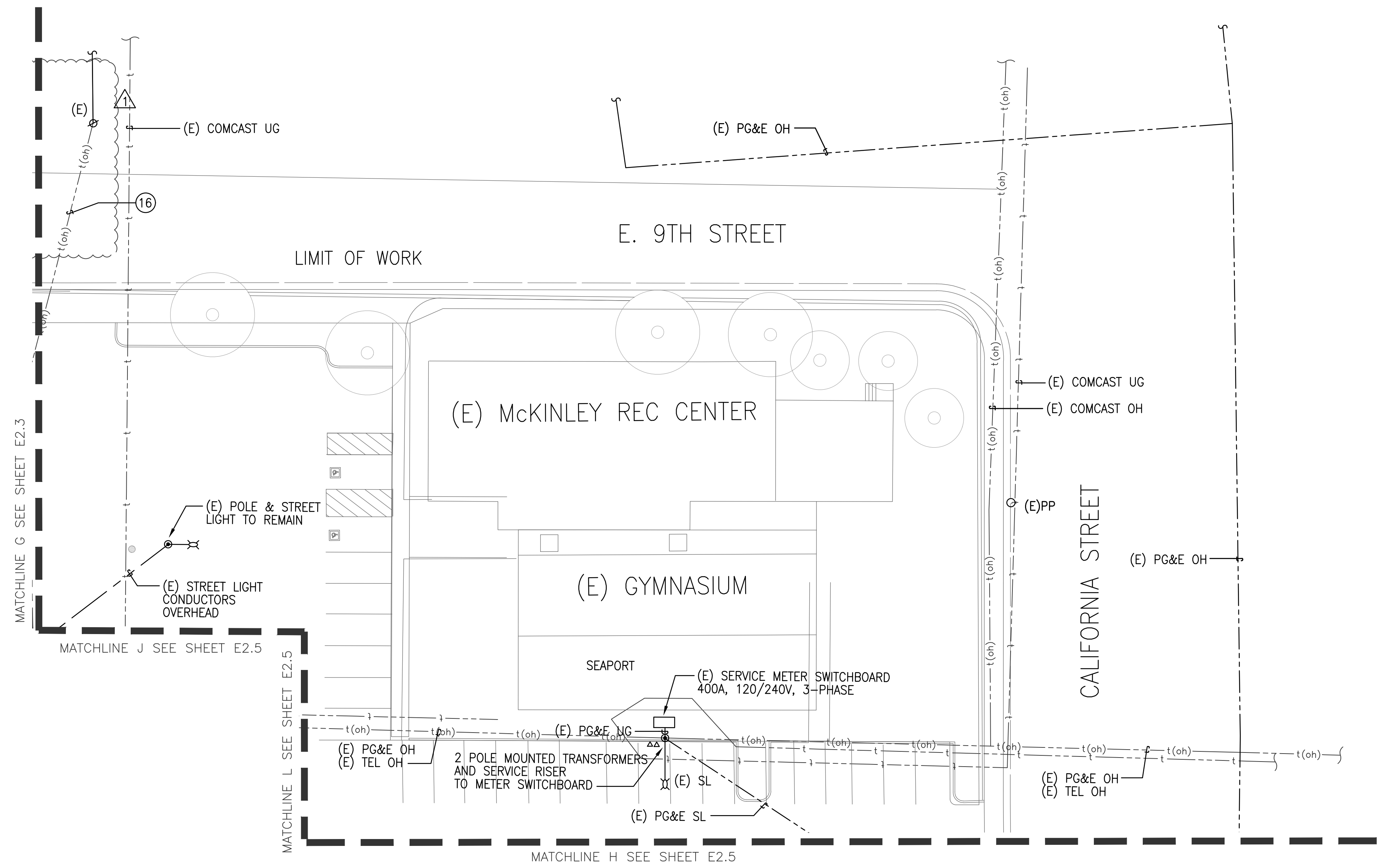
File Path: C:\Users\jagrawa\OneDrive\Documents\Projects\Stockton\Renovations\Electrical\EA2.5.dwg - Plot Date: 11/14/22 - Saved by: Anna Gofen
 Copyright © 2020, California Associated Landscape Architects, Inc.

SHEET NOTES:

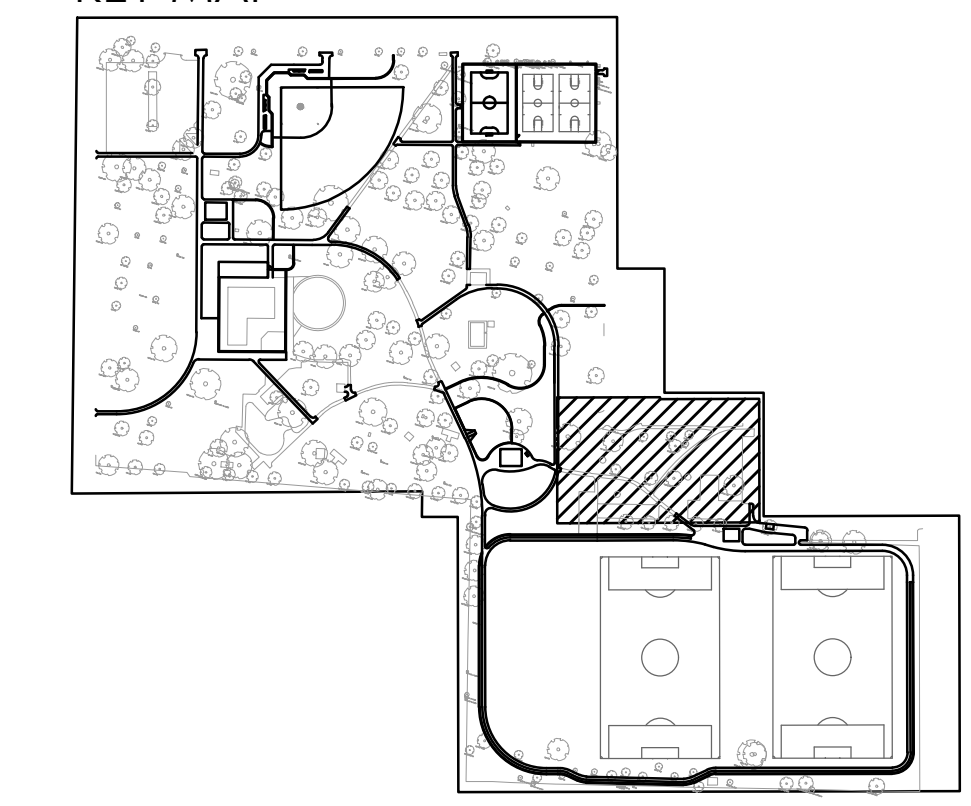
- ⑩ (E) PG&E OH CABLE & TEL
- ⑩② RISER POLE BY CONTRACTOR, SEE DETAIL 5 SHEET E0.2



DETAIL 2



KEY MAP



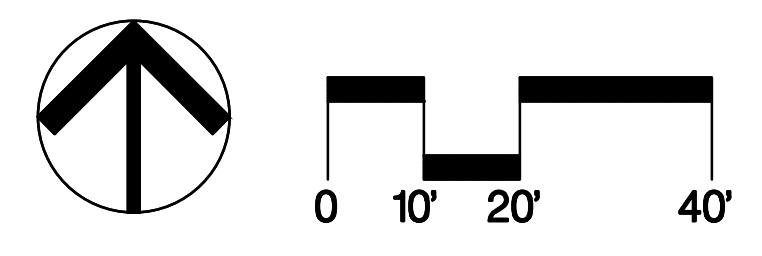
natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	DATE	SHEET NO. E2.6
SCALE AS SHOWN	DESIGNED BY RR	CITY ENGINEER	WR21017	99 OF 162 SHTS
DRAWN BY AG	CHECKED BY JA	STOCKTON, CALIFORNIA	PROJECT NO.	
RECORD DWGS.				

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
①	Response to Permit Cycle 1 Comments	11/14/22	AG	



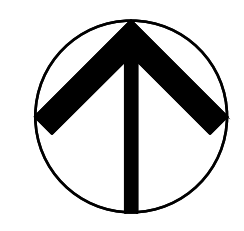
File Path: C:\Users\jgarcia\OneDrive\Documents\Projects\Stockton\Renovations\Electrical\Drawings\Sheet E2.6.dwg
 Project: MCKINLEY PARK RENOVATIONS PROJECT
 Date: 11/14/22
 Drawn By: Anna Giffen

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Filename	Arm	Lum. Watts
	53	DSXO LED P3 40K T5M MVOLT	SINGLE	N.A.	0.900	DSXO LED P3 40K T5M MVOLT	DSXO_LED_P3_40K_T5M_MVOLT.ies	0.497	71
	3	GCJ1-20H-MV-NW-2R-XX-700	SINGLE	N.A.	0.900	GCJ1-20H-MV-NW-2R-XX-700	GCJ1-20H-MV-NW-2R-XX-700.IES	1	45.99

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts 1	illumiance	Fc	0.48	2.0	0.0	N.A.	N.A.
CalcPts 3	illumiance	Fc	0.56	2.2	0.0	N.A.	N.A.



scale: 1"=60'



natron CONSULTING ENGINEERS
 1480 MORAGA ROAD, SUITE C#229
 MORAGA, CA 94556
 www.natronresources.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PHOTOMETRIC PLAN

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
 DESIGNED BY RR
 DRAWN BY AG
 CHECKED BY JA
 RECORD DWGS.

APPROVED BY: _____ DATE _____
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. E2.7PH
 100 OF 142 SHEETS
 WR21017
 PROJECT NO.

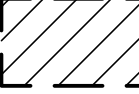
DEMOLITION/CONSTRUCTION NOTES

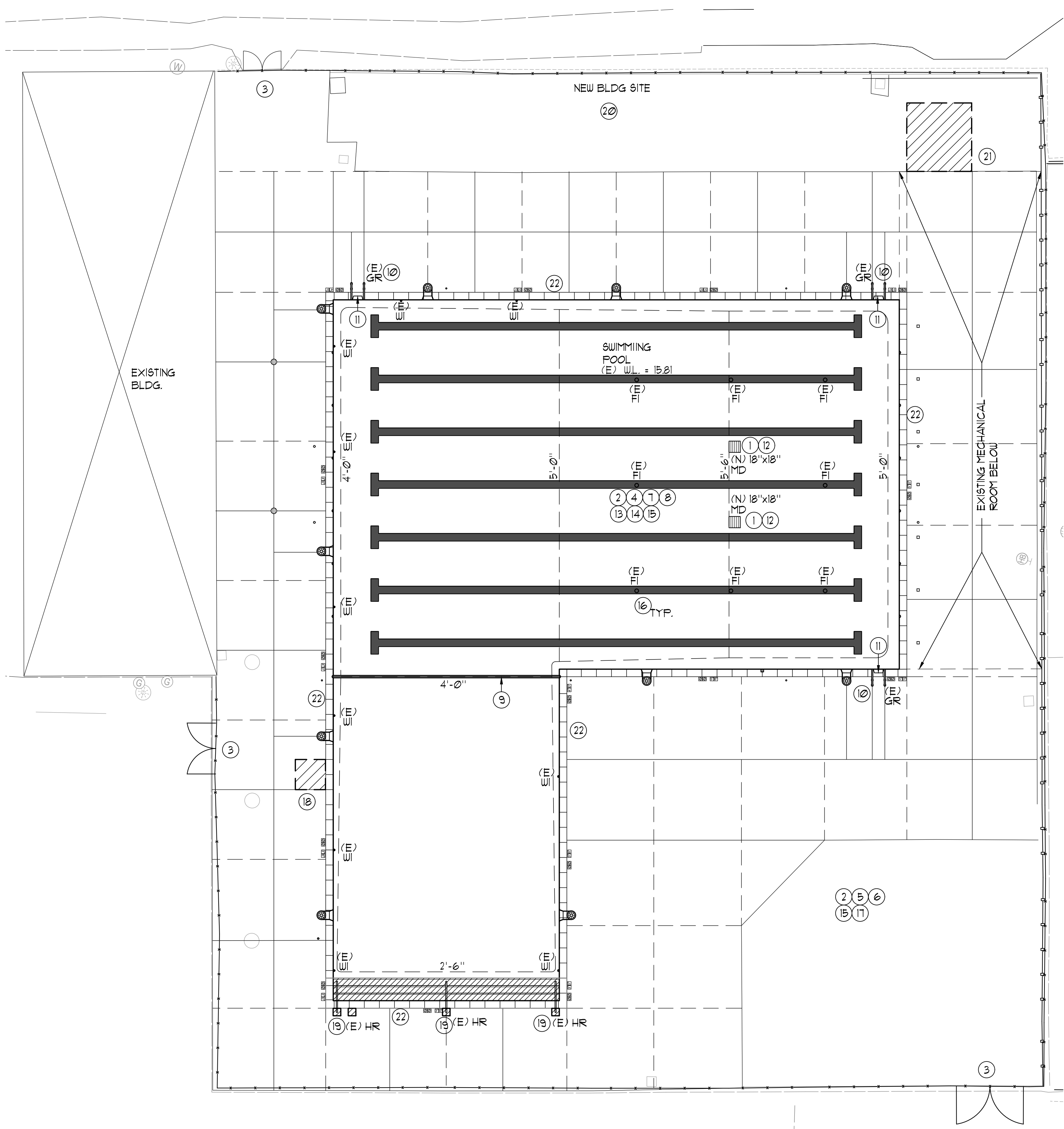
- 1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR POOL DRAIN DOWN. CARE IS TO BE TAKEN TO RELIEVE ANY HYDROSTATIC PRESSURE THROUGH EXISTING HYDROSTATIC RELIEF VALVES AND DRAINING THE POOL SLOWLY.
- 2 THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH ALL OTHER TRADES, AND SHALL PROTECT ALL EXISTING WORK, BUILDINGS, AND UTILITIES.
- 3 COORDINATE INGRESS/EGRESS AND HAUL ROUTES WITH THE OWNER PRIOR TO START OF WORK.
- 4 SWIMMING POOL PLAN VIEWS AND SECTIONS ARE SHOWN FOR CONTRACTOR INFORMATION AND ASSISTANCE. THE CONTRACTOR IS RESPONSIBLE FOR INDIVIDUAL SQUARE FOOTAGE TAKE-OFFS AND ESTIMATIONS WITH REGARD TO DEMOLITION, PREPARATION, AS WELL AS MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR SHALL VISIT THE SITE AS REQUIRED TO ACCOMPLISH THE WORK, AND TO BECOME FAMILIAR WITH SCOPE AND SERVICES OF WORK REQUIRED.
- 5 COORDINATE PROPOSED CONTRACTOR STAGING AREA WITH THE OWNER PRIOR TO CONSTRUCTION.
- 6 CONTRACTOR IS TO PHOTOGRAPH AND DOCUMENT ON A PLAN ANY AND ALL EXISTING DAMAGED ITEMS/SURFACES, FINISHES IN AND IMMEDIATELY AROUND THE WORK AREA AND ALONG ALL WORK PATHS FROM STAGING AREA PRIOR TO THE START OF WORK. CONTRACTOR IS TO SITE WALK ALL EXISTING DAMAGED AREAS WITH THE OWNER AND PROVIDE A COPY OF THE PHOTOGRAPHS AND DOCUMENTATION BEFORE WORK BEGINS. FAILURE TO PROVIDE THIS INFORMATION REPRESENTS ACCEPTANCE BY THE CONTRACTOR THAT ALL EXISTING SURROUNDING FINISHES (CONCRETE, AC PAVING, FLOORING, ETC.) AND ALL GATES, DOORS, PATHWAYS, ETC. ARE UNDAUNAGED AND IN CLEAN AND FUNCTIONING CONDITION, AND CONTRACTOR ACCEPTS THE RESPONSIBILITY TO MAINTAIN AND CORRECT ANY DAMAGE LATER FOUND BY THE OWNER DURING CONSTRUCTION PERIOD IN THESE AREAS AT NO EXPENSE TO THE OWNER.
- 7 REMOVE ALL EXISTING SWIMMING POOL FINISHES INCLUDING PLASTER, TILE, ETC. DOWN TO ORIGINAL SOUND CONCRETE/SHOTCRETE. ANY CRACKS LARGE ENOUGH TO INSERT THE EDGE OF A DIME INTO, SHALL BE CHIPPED OUT TO A MINIMUM OF 3/4"x3/4" AND THEN FILLED FLUSH WITH NON-SHRINK GROUT. ALL EXPOSED REBAR RUST SPOTS, ETC. SHALL BE BUSHED DOWN 1/2" BELOW FINISH SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. ANY OTHER IMPERFECTIONS IN THE POOL SHELL SHALL BE REPAIRED PRIOR TO INSTALLING NEW TILED LANE LINES, WALL TARGETS, WATERLINE TILE AND WATERLINE DEPTH MARKERS, ETC. AND PRIOR TO NEW WHITE PLASTER INSTALLATION.
- 8 REPLACE ALL EXISTING POOL TILE INCLUDING ALL RACING LANE LINES, END WALL TARGETS, STEP TRIM TILE, WATERLINE TILE, AND DEPTH MARKERS AT WATERLINE. DEPTH MARKERS SHALL BE LOCATED TO ALIGN WITH DECK DEPTH MARKERS AT MAXIMUM 25'-0" O.C. AROUND ENTIRE POOL PERIMETER AND SHALL HAVE MINIMUM 4" TALL NUMBERS AND LETTERS. PREPARE ALL SURFACES TO RECEIVE NEW TILE PER PLANS.
- 9 REMOVE EXISTING 4'-0" WATER DEPTH TILE MARKER (4" LINE) AND PROVIDE NEW 'DAL-TILE' #D311 'BLACK' NON-SLIP 1" x 1" TILE PER SPECIFICATIONS.
- 10 REMOVE AND PROTECT EXISTING GRABRAILS DURING CONSTRUCTION AND CLEAN, POLISH AND REINSTALL AFTER WORK HAS BEEN COMPLETED.
- 11 REMOVE AND REPLACE ALL EXISTING GRABRAIL STEPS. ONCE STEPS ARE REMOVED ALL RUST SPOTS SHALL BE EXPOSED, BUSHED DOWN 1/2" BELOW FINISHED SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. THEN NEW CYCOLAC STEPS SHALL BE INSTALLED FLUSH WITH NON-SHRINK GROUT.
- 12 REMOVE EXISTING MAIN DRAIN FRAMES AND GRATES AND INSTALL NEW 18"x18" LAWSON AQUATICS' #MLD-FG-1818 FRAME AND GRATES. THE CONTRACTOR SHALL CERTIFY THE MAIN DRAIN SYSTEMS AS V.G.B. COMPLIANT. THE CONTRACTOR SHALL ENSURE THAT MAIN DRAINS MEET CURRENT STANDARDS AND ARE CERTIFIED WITH CURRENT REQUIREMENTS.
- 13 THE CONTRACTOR SHALL INSURE THAT ALL SURFACES ARE PREPARED TO RECEIVE PLASTER FINISH. WEATHER CONDITIONS SHALL BECOME A CRITICAL PART OF WORK AND SHALL BE TAKEN INTO CONSIDERATION AT THE TIME OF PLASTER APPLICATION.
- 14 THE CONTRACTOR SHALL PROVIDE A SUFFICIENT NUMBER OF WORKERS TO INSURE THAT THE ENTIRE POOL CAN BE PLASTERED IN A SINGLE DAY OR SHALL PROVIDE CONTINUAL MISTING OF PLASTERED SURFACES TO INSURE THAT PLASTER IS NOT EXPOSED TO THE AIR FOR A PERIOD OF TIME WHICH WOULD CAUSE DAMAGE IN ANY WAY.
- 15 THE CONTRACTOR SHALL REPAIR OR REPLACE ANY ITEMS DAMAGED DUE TO DEMOLITION AND/OR CONSTRUCTION, AT NO COST TO THE OWNER INCLUDING BUT NOT LIMITED TO UTILITIES, POOL FITTINGS, EQUIPMENT, ANCHORS, GRATES, ROPE ANCHORS, SPRAY JETS, ETC.
- 16 REPLACE ANY DAMAGED OR MISSING FLOOR INLET COVER PLATES AND/OR ANY DAMAGED WALL INLETS COMPLETELY PER DETAIL AND SPECIFICATIONS.
- 17 THE OWNER SHALL IDENTIFY THE SWIMMING POOL FILL WATER SOURCE FROM CLOSEST FIRE HYDRANT AND SHALL PAY FOR THE WATER TO FILL THE POOL. THE CONTRACTOR IS RESPONSIBLE FOR FIRE HOSE, HOSES, FILLING AND PROTECTION OF PLASTER SURFACES. FILL SOURCE SHALL BE BLOWN-OFF INITIALLY TO PROVIDE A CLEAN DOMESTIC WATER SOURCE. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FILL UNTIL THE WATER IS AT OPERATIONAL LEVEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND BALANCING OF THE POOL WATER FOR A PERIOD OF NOT LESS THAN FOURTEEN (14) DAYS AFTER PLASTER. THE CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH OWNERS STAFF TO PROVIDE INSTRUCTION AND TRAINING IN PROPER OPERATION OF POOL IN CONJUNCTION WITH NEW PLASTER SURFACES.
- 18 REMOVE EXISTING POOL DECKS AS SHOWN HATCHED FOR INSTALLATION OF NEW HANDRAIL ANCHORS AND ACCESSIBLE LIFT FOOTING PER PLANS AND PROVIDE BONDING TO (E) DECK REBAR FILL IN ABANDONED HOSE BIBB VOID AS PART OF NEW ACCESSIBLE LIFT FOOTING. ALL NEW CONCRETE SHALL BE 4000 psi MINIMUM AT 28 DAYS.
- 19 REMOVE (E) HANDRAILS AND DISCARD. REPLACE WITH NEW PER DETAIL AND SPECS.
- 20 PROVIDE NEW MECHANICAL ROOM EQUIPMENT AND PIPING PER MR-1 AND SP-2.
- 21 EXCAVATE TO DEPTH OF EXISTING SUBTERRANEAN MECHANICAL ROOM, CORE AND PROVIDE LINK SEAL TO MAKE POINT OF CONNECTION FROM INSIDE EXISTING VAULT TO NEW MECHANICAL ROOM THROUGH EXISTING MECHANICAL ROOM VAULT WALL.
- 22 PROVIDE NEW MASTIC AROUND PERIMETER OF POOL AT BACKSIDE OF COPING COMPLETE. PROVIDE SAND FINISH PER SPECIFICATIONS.

SWIMMING POOL DATA

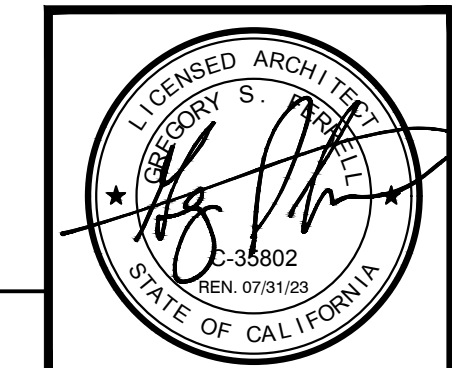
SURFACE AREA	=	4,999 SQ. FT.
PERIMETER	=	336 FT.
DEPTH	=	2'-6" TO 5'-6"
VOLUME	=	167,930 GAL.
6 HR TURNOVER	=	464 GPM

LEGEND

MD	=	MAIN DRAIN
GR	=	GRAB RAIL
FI	=	FLOOR INLET
WI	=	WALL INLET
HR	=	HAND RAIL
	=	LIMITS OF DEMOLITION AS NOTED ON PLANS



SWIMMING POOL DEMOLITION PLAN 1/8" = 1'-0"



Revision No.	Description	Date	By	Aprvd. By



CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
SWIMMING POOL DEMOLITION PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY GSF	DATE			DP-1
DRAWN BY NMV				101 OF 162 SHEETS
CHECKED BY GSF	CITY ENGINEER			PROJECT NO.
RECORD DWGS.	STOCKTON, CALIFORNIA			

File Path: \\A:\Drawings\Remediation\A\A\McKinley Park Pool\AC\GSP1 - DEMOL LANDSCAPE.dwg, Plot Date: 1/19/22, Scale: 1/8" = 1'-0"
 Copyright © 2022 Callander Associates Architecture, Inc.

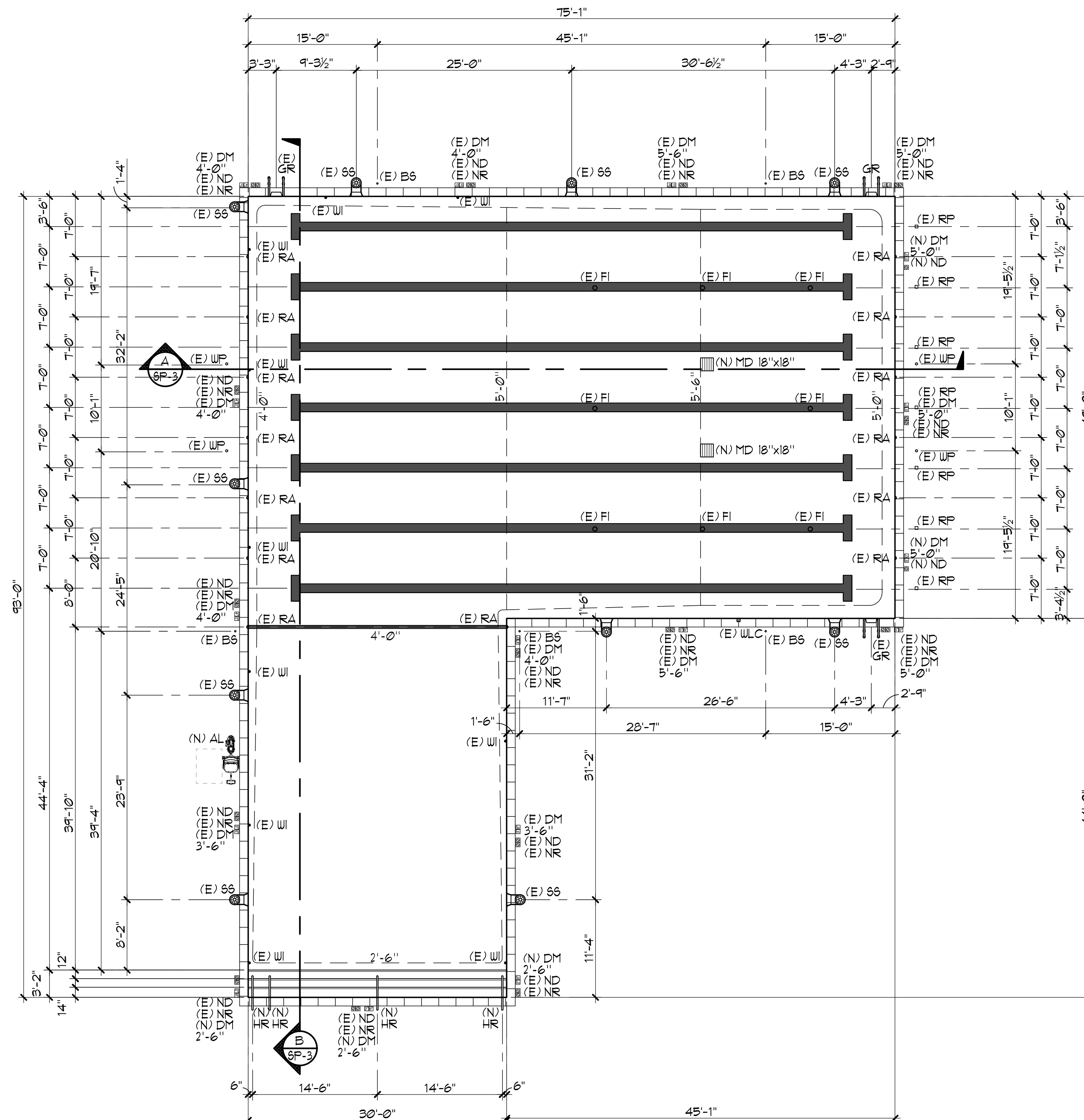
(E) SWIMMING POOL DATA

SURFACE AREA	=	4,939 SQ. FT.
PERIMETER	=	336 FT.
DEPTH	=	2'-6" TO 5'-6"
VOLUME	=	167,190 GAL.
6 HR TURNOVER	=	464 GPM

- NOTES:
1. POOL SURFACE FINISH SHALL BE WHITE PLASTER.
 2. POOL DEPTH MARKERS SHALL BE LOCATED AROUND POOL PERIMETER AND WATER LINE AT SPACING NOT TO EXCEED 25'-0".

LEGEND

DM	=	DEPTH MARKER	2	SP-5
NR	=	'NO RUNNING'	3	SP-5
ND	=	'NO DIVING'	3	SP-6
FI	=	FLOOR INLET	4	SP-6
WI	=	WALL INLET	4	SP-6
MD	=	MAIN DRAIN	1	SP-5
RA	=	ROPE ANCHOR	1	SP-6
AL	=	ACCESSIBLE LIFT	1	SP-7
GR	=	GRABRAIL	5	SP-4
WLC	=	WATER LEVEL CONTROL	5	SP-6
WP	=	WATER POLO ANCHOR		
RP	=	RACING PLATFORM		
BS	=	BACKSTROKE STANCHION		
(E)	=	EXISTING		
(N)	=	NEW		



2226 Faraday Ave, Carlsbad, CA 92008
 AquaticDesignGroup.com
 760.438.8400



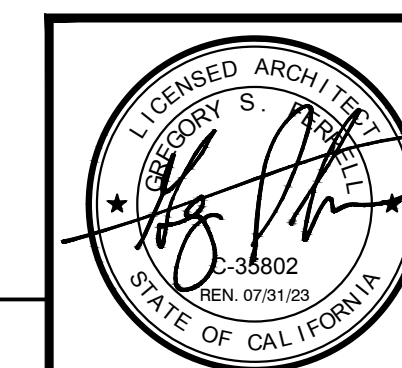
12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.candlerassociates.com
 CALA July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

SWIMMING POOL LAYOUT PLAN

PERMIT REVIEW SET

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

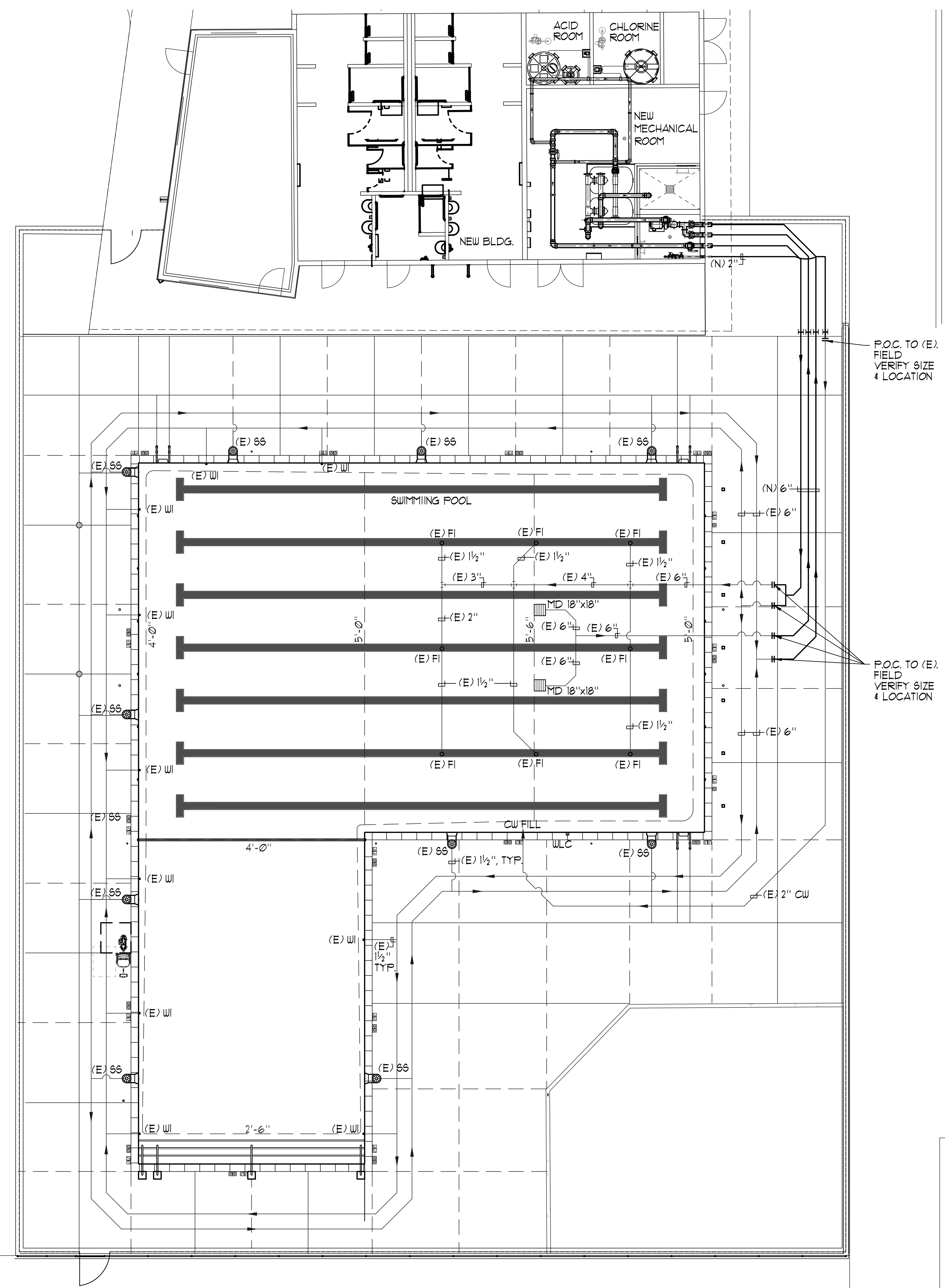


Revision No.	Description	Date	By	Aprvd. By

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	GSP	DATE	SP-1
DRAWN BY	NMV		102 OF 162 SHTS
CHECKED BY	GSP	CITY ENGINEER	
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

SWIMMING POOL LAYOUT PLAN

1/8" = 1'-0"



SWIMMING POOL DATA

SURFACE AREA	=	5,010 SQ. FT.
PERIMETER	=	336 FT.
DEPTH	=	2'-6" TO 5'-6"
VOLUME	=	149,340 GAL.
6 HR TURNOVER	=	417 GPM

LEGEND

MD	=	MAIN DRAIN	4 SP-5
WI	=	WALL INLET	4 SP-6
FI	=	FLOOR INLET	3 SP-6
WLC	=	WATER LEVEL CONTROLLER	5 SP-6
AD	=	AREA DRAIN	
SS	=	SURFACE SKIMMER	
CW	=	COLD WATER	
P.O.C.	=	POINT OF CONNECTION	
(E)	=	EXISTING	

- NOTES:**
- PIPING ROUTES ARE SCHEMATIC IN NATURE AND SHOWN ON PLANS FOR CLARITY. CONTRACTOR SHALL ROUTE PIPING ACCORDINGLY TO MEET NOTED INVERT ELEVATIONS. REFER TO REFERENCED DETAIL FOR PIPE SPACING REQUIREMENTS.
 - ALL BELOW GRADE POOL PIPING SHALL BE SCHEDULE 40 PVC AND ALL ABOVE GRADE POOL PIPING SHALL BE SCHEDULE 80 PVC.
 - COORDINATE ALL PIPING WITH SITE AND BUILDING UTILITIES INCLUDING PIPING CONDUITS / STRUCTURES AND THE LIKE. COORDINATE ROUTING OF PIPING THROUGH STRUCTURAL SLAB. ALL PIPING SHALL HAVE UNIFORM SLOPE IN ONE DIRECTION.

File Path: \\A:\Drawings\Renovation\A\A\McKinley Park Pool\ACSP2_PIPING.dwg Plot Date: 11/02/22 Saved By: Chantal
 Copyright © 2022 Calander Associates, Inc.

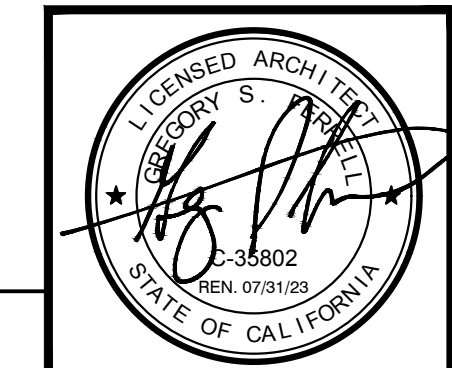


CALA 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
SWIMMING POOL PIPING PLAN

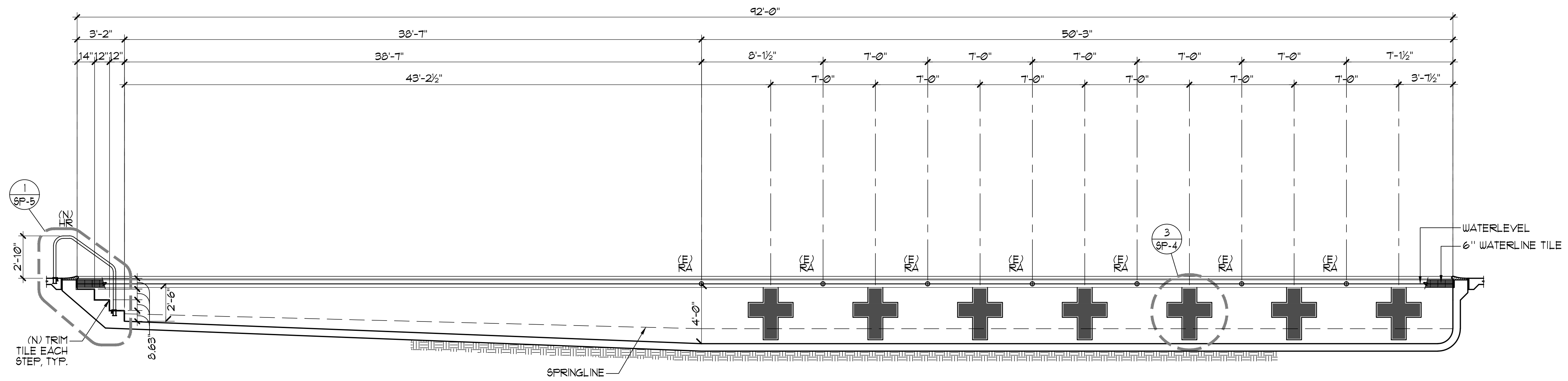
PERMIT REVIEW SET

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY GSF	DATE	DESIGNED BY GSF	CITY ENGINEER STOCKTON, CALIFORNIA	SP-2
DRAWN BY NMV		DRAWN BY NMV		103 OF 162 SHTS
CHECKED BY GSF		CHECKED BY GSF		PROJECT NO.
RECORD DWGS.		RECORD DWGS.		



Revision No.	Description	Date	By	Aprvd. By

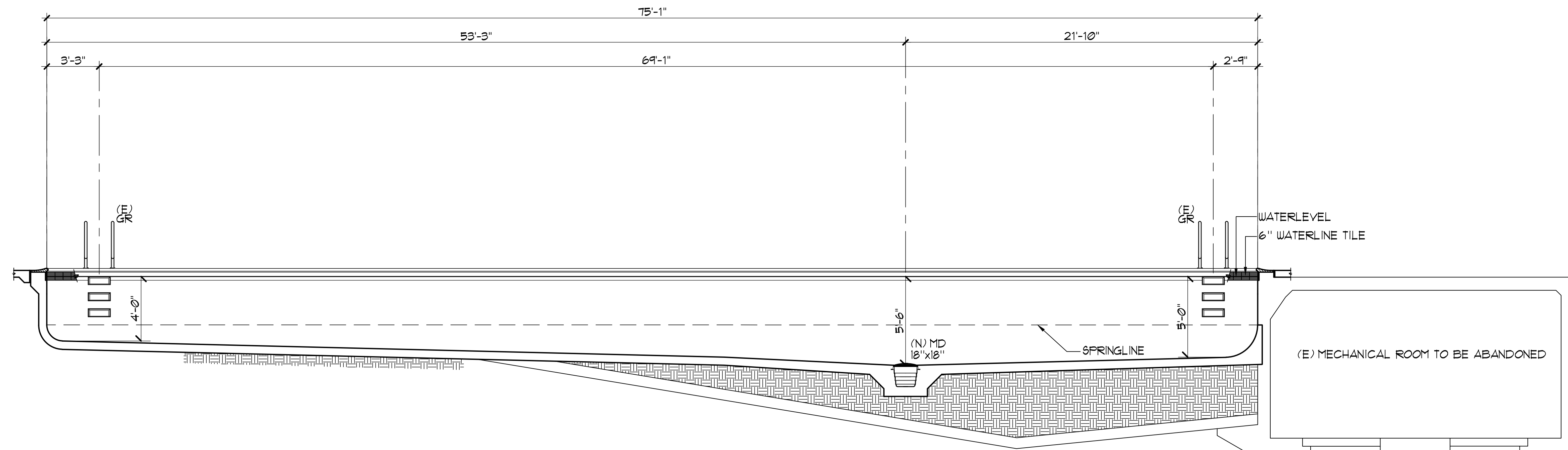
SWIMMING POOL PIPING PLAN 1/8" = 1'-0"



A

SWIMMING POOL SECTIONS

1/4" = 1'-0"



B

SWIMMING POOL SECTIONS

1/4" = 1'-0"



2226 Faraday Ave, Carlsbad, CA 92008
AquaticDesignGroup.com
760.438.8400

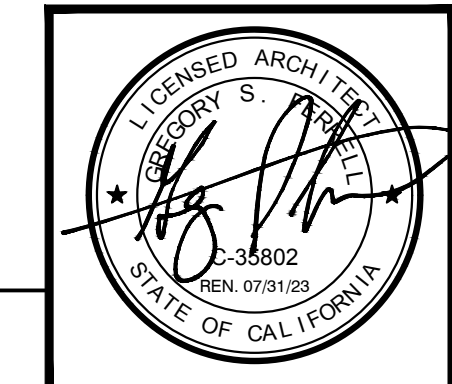


12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
SWIMMING POOL SECTIONS

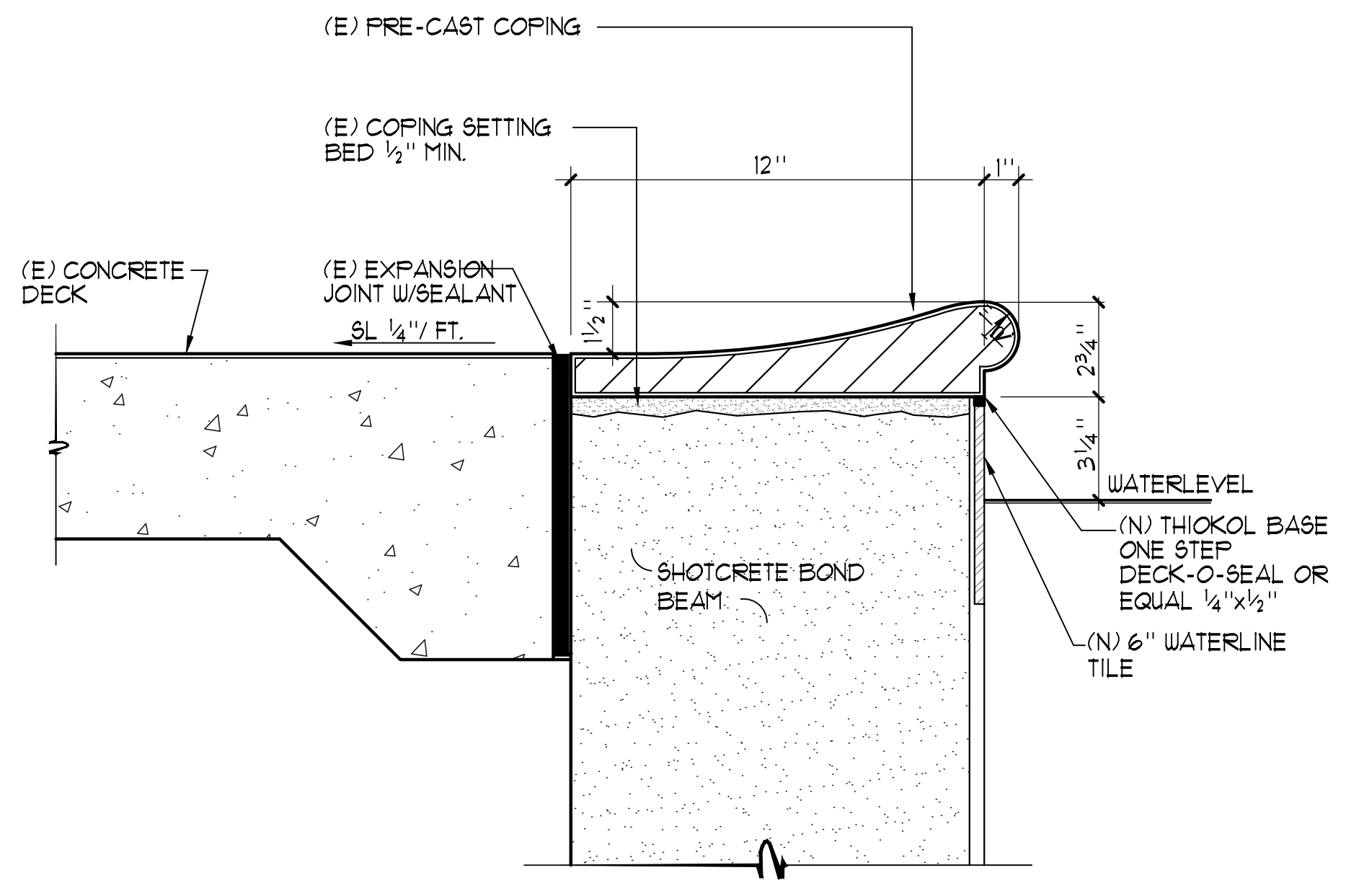
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By

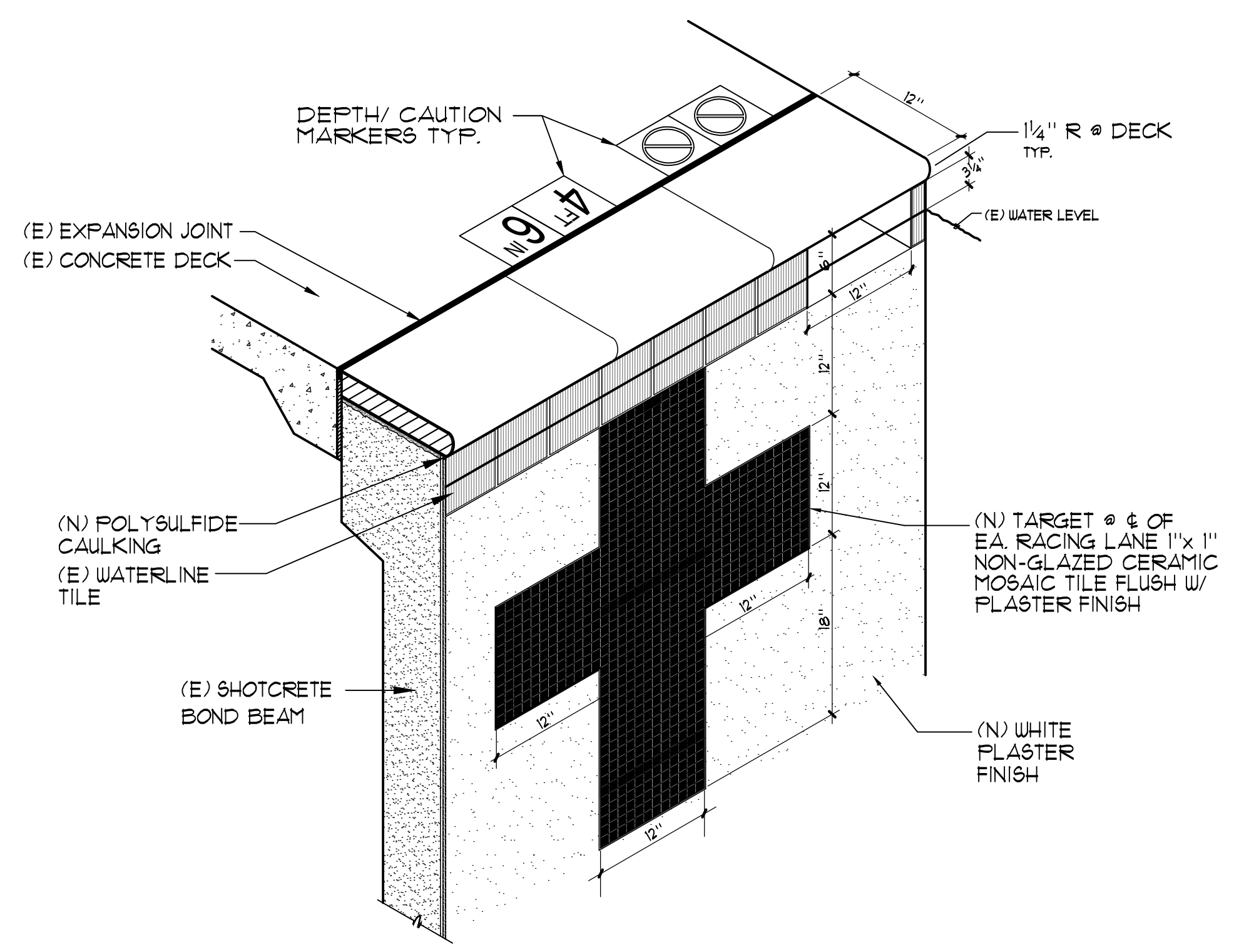


SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. SP-3
DESIGNED BY GSF	CITY ENGINEER STOCKTON, CALIFORNIA	104 OF 162 SHTS
DRAWN BY NMV		PROJECT NO.
CHECKED BY GSF		
RECORD DWGS.		

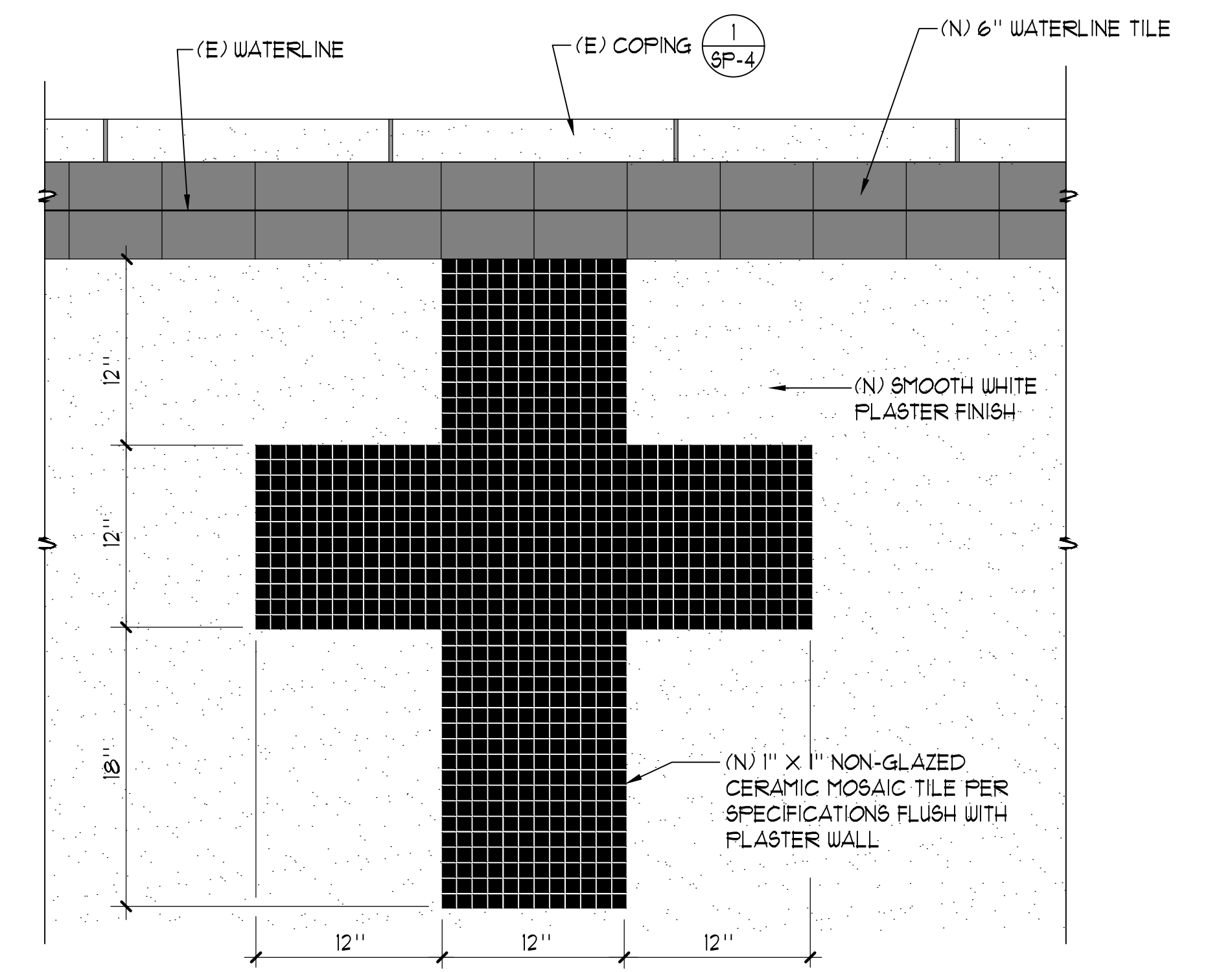
File Path: N:\Drawings\Beverly Hills\AQUATIC\Pool\MC\SP-3_SECTION.dwg Plot Date: 11/17/22 Saved By: jrhilgoss Copyright © 2022 Callander Associates Landscape Architecture, Inc.



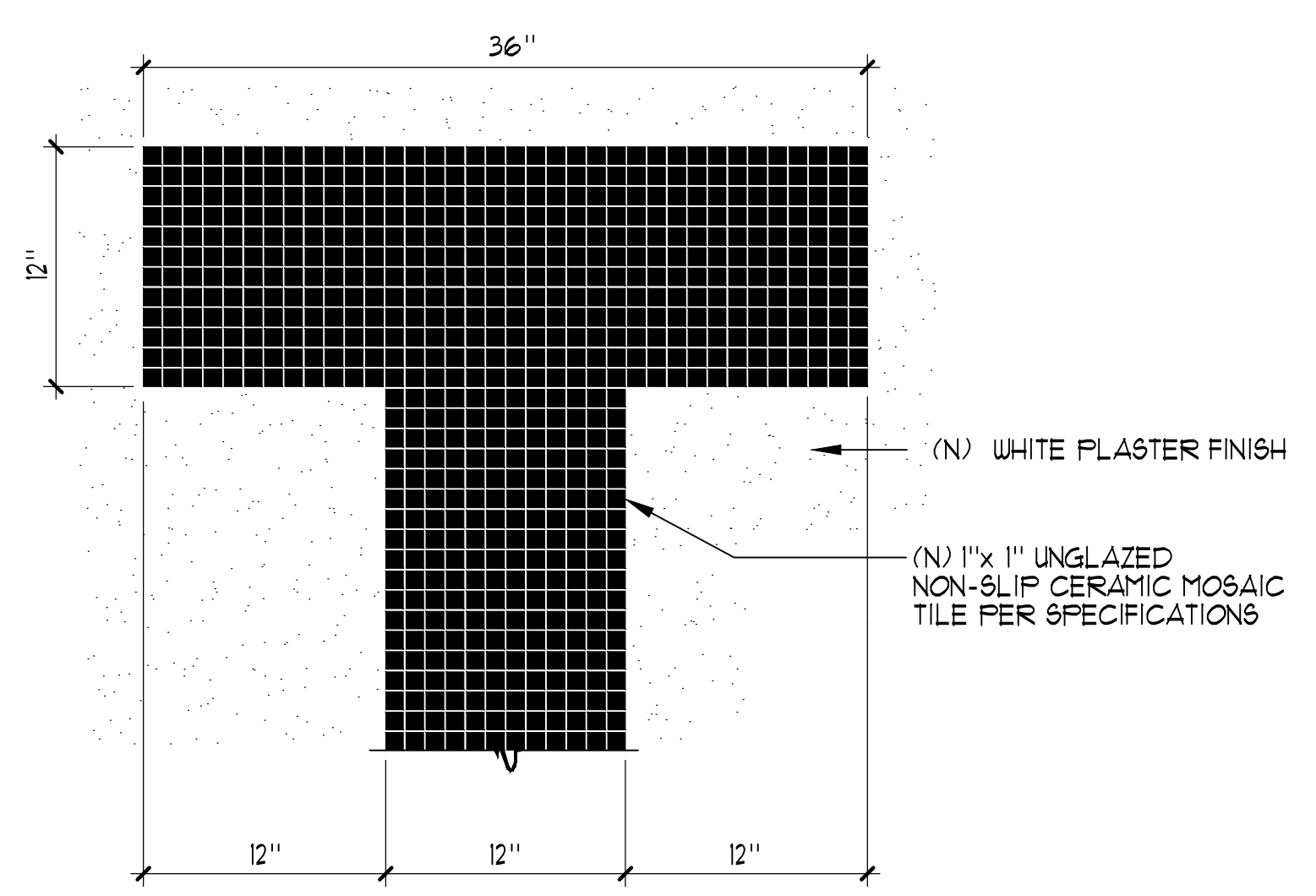
1 TYPICAL COPING EDGE DETAIL 3"=1'-0"



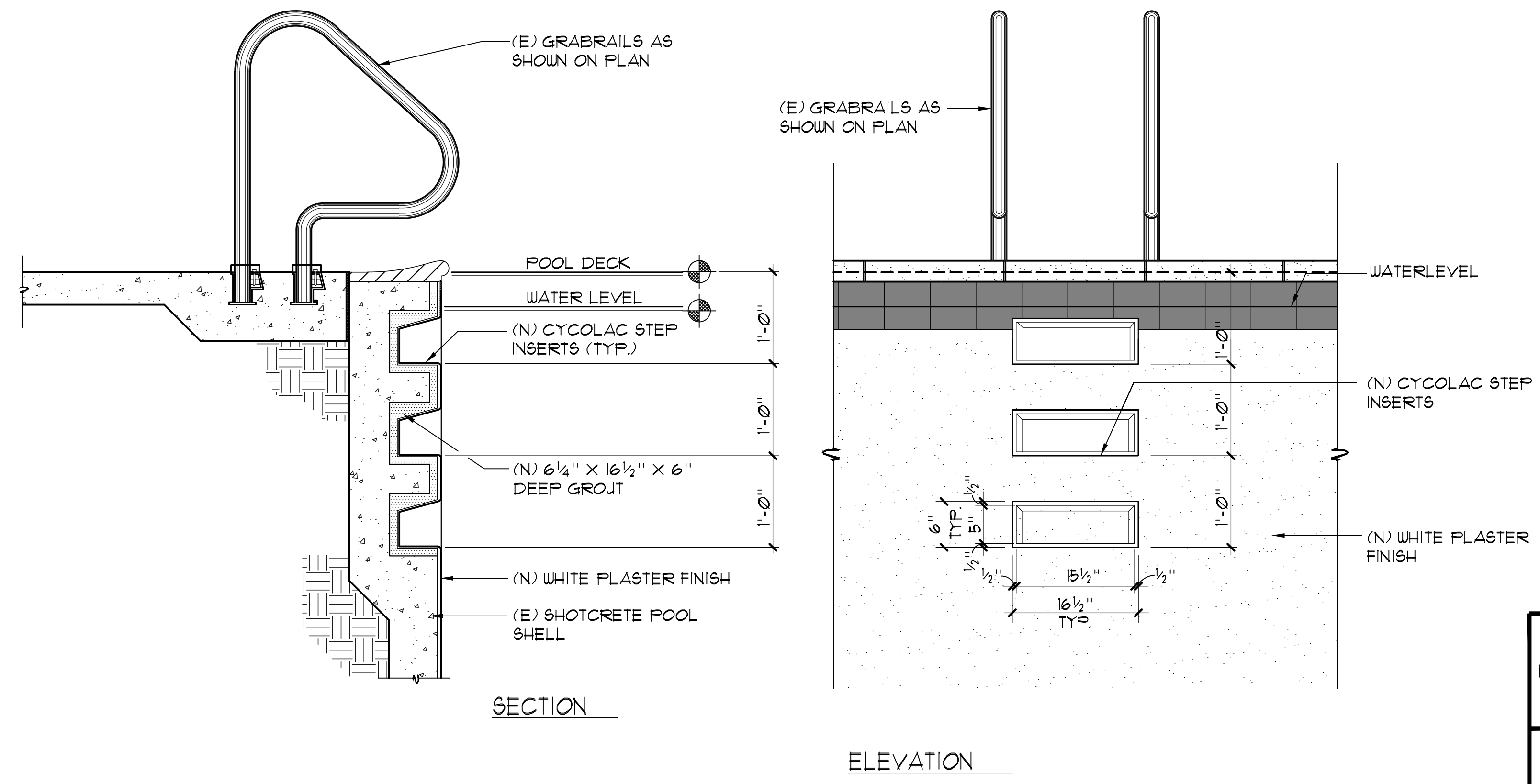
2 TYPICAL COPING PERSPECTIVE 1/2"=1'-0"



3 END WALL TARGET 1/2"=1'-0"



4 RACING LANE LINE 1/2"=1'-0"



5 GRABRAIL WITH STEPS 1"=1'-0"

AQUATIC DESIGN GROUP
 2226 Faraday Ave, Carlsbad, CA 92008
 AquaticDesignGroup.com
 760.438.8400

CALL BEFORE YOU DIG
 800-642-2444

CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 July 15, 2022 CALA PROJECT NO. 21013

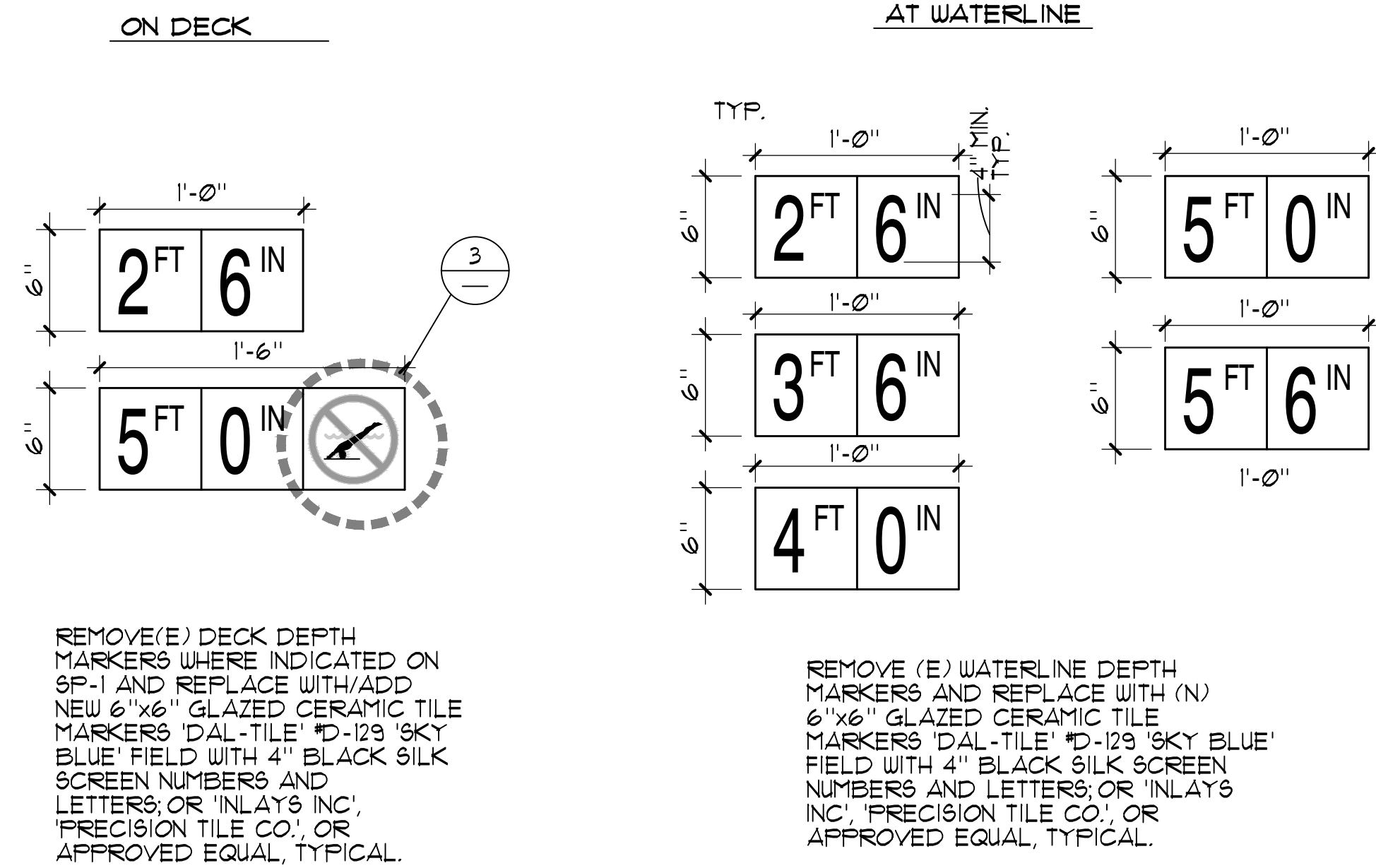
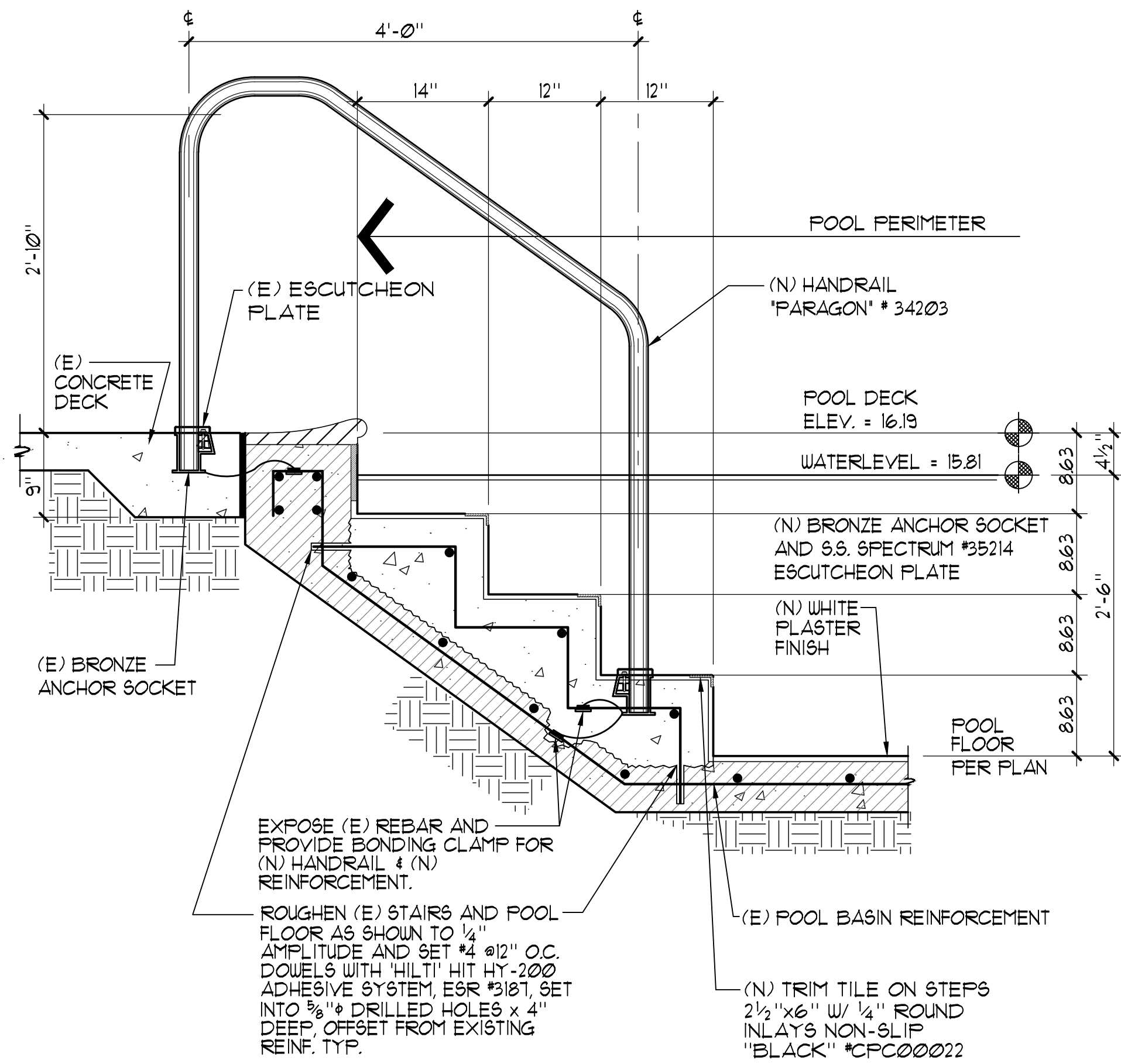
MCKINLEY PARK AND POOL RENOVATION
 DETAILS

PERMIT REVIEW SET

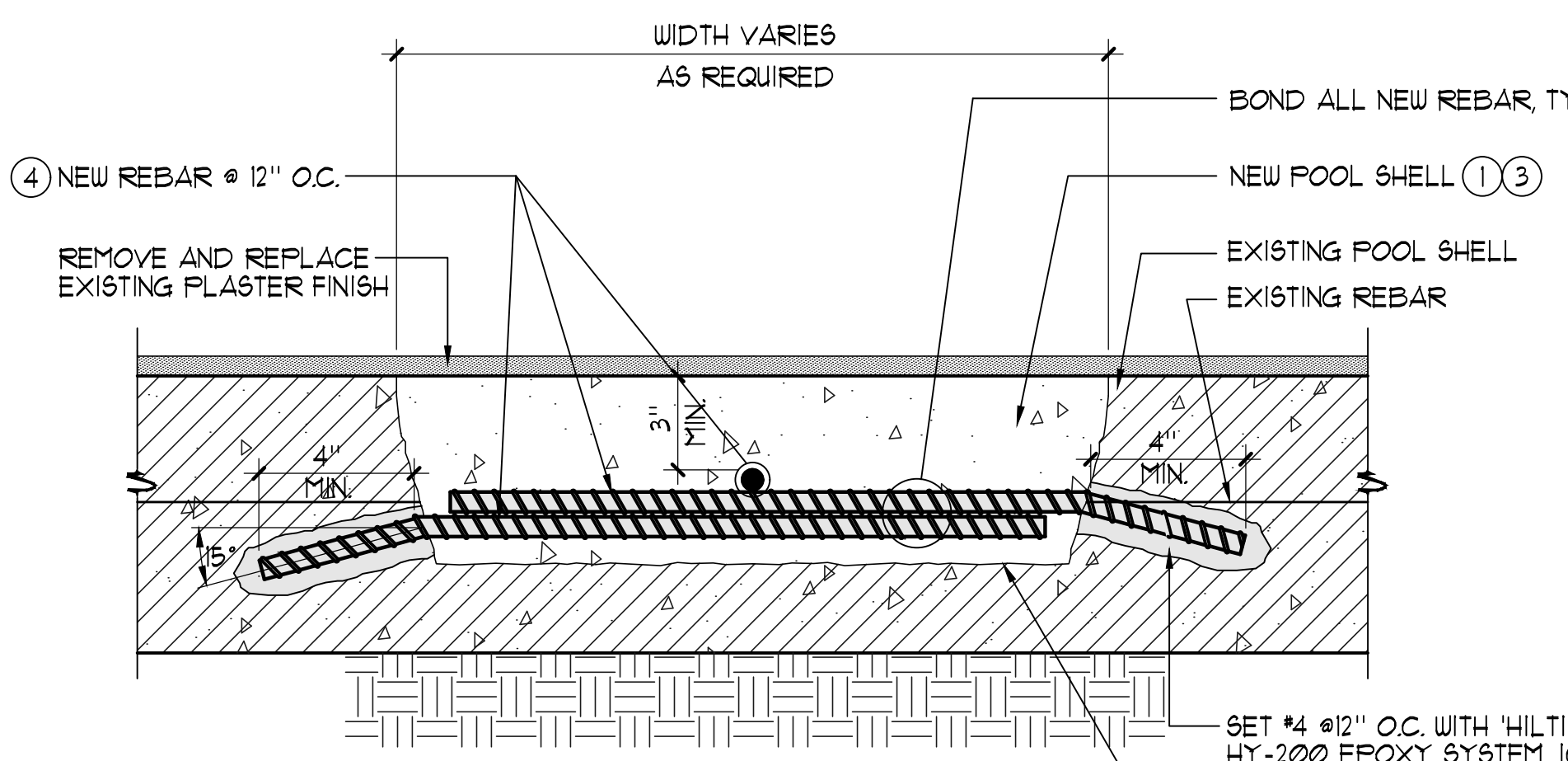
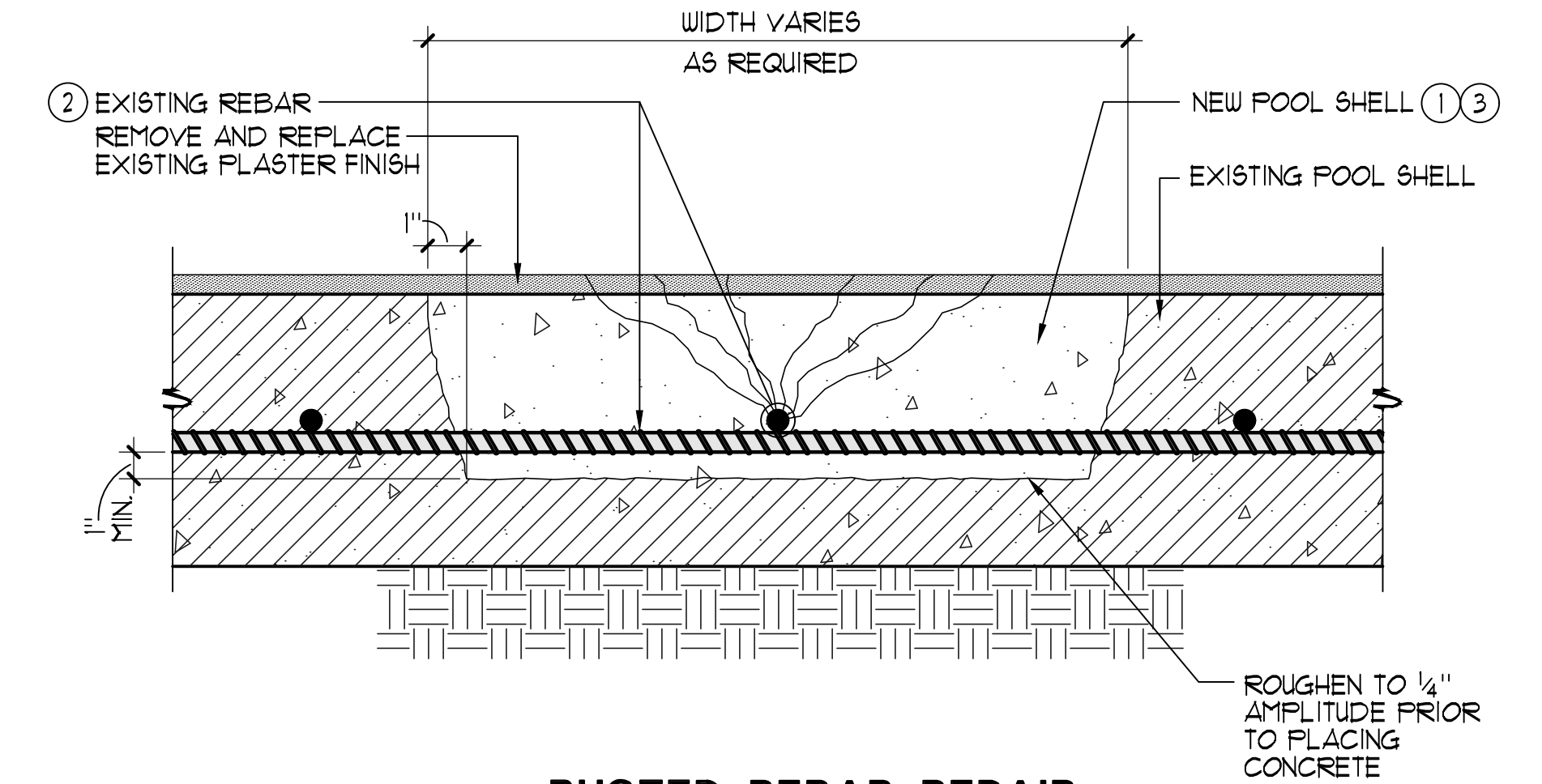
Revision No.	Description	Date	By	Aprvd. By

SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY GSF	DATE	SP-4
DRAWN BY NMV	CITY ENGINEER	105 OF 162 SHTS
CHECKED BY GSF	STOCKTON, CALIFORNIA	PROJECT NO.
RECORD DWGS.		

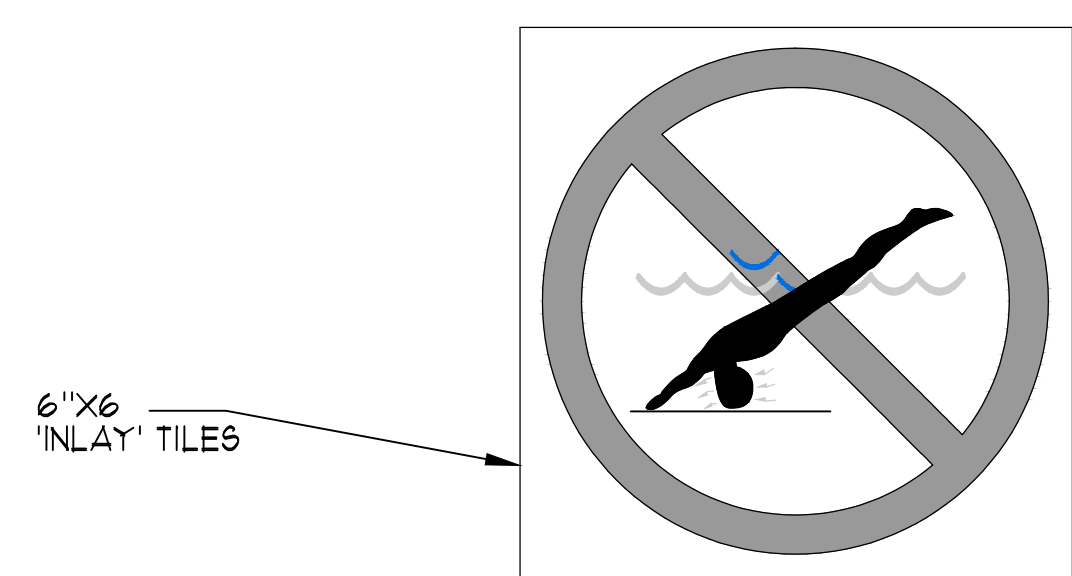
File Path: \\P:\Drawings\Renovation\AQUATIC\Pool\ACLP\SP-4_DETAILS.dwg Plot Date: 11/02/22 Saved By: Clement
 Copyright © 2022 Callander Associates Architects, Inc.



- NOTES:**
- 1 CHIP OUT AND REMOVE CONCRETE IN DESIGNATED REPAIR AREAS TO EXPOSE REBAR. PROVIDE 1" MIN. CLEARANCE UNDER THE REBAR.
 - 2 SANDBLAST AND CLEAN EXPOSED REBAR TO REMOVE RUST/LAITANCE. PAINT REBAR WITH ZINC RICH GALVANIZING COMPOUND PAINT.
 - 3 PLACE HIGH STRENGTH NON-SHRINK GROUT TO RESTORE POOL SHELL TO ORIGINAL SURFACE LEVEL. ANY OTHER IMPERFECTIONS IN THE POOL SHELL SHALL BE REPAIRED PRIOR TO INSTALLING A NEW PLASTER FINISH.

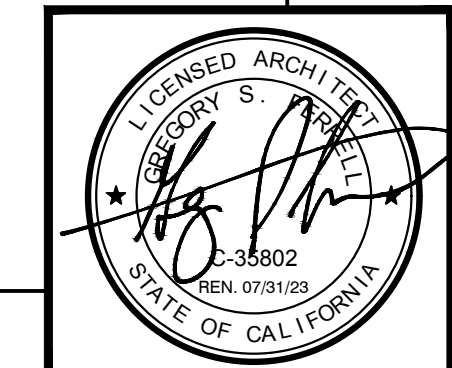
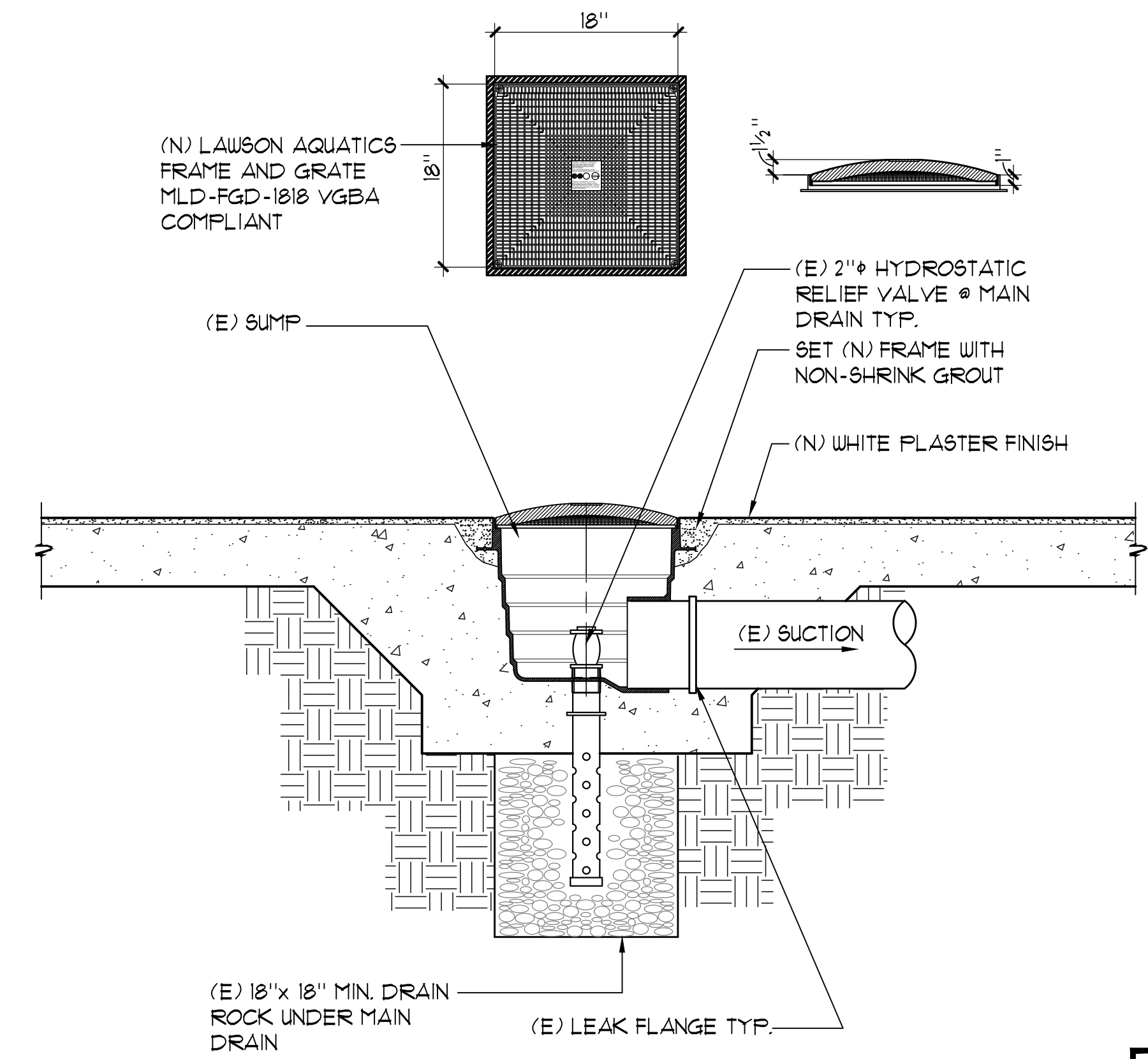


5 REBAR REPAIR / REPLACEMENT DETAILS FULL SCALE



NOTE: PLACE IN DECK AT ALL 'NO DIVING' TILE MARKER LOCATIONS

- SILK SCREEN**
1. INLAYS DOUBLE GLAZED WHITE SLIP RESISTANT TILE TYP. OF (1) PIECE OVER 1/4" MORTAR BED WITH 1/8" GROUT JOINTS. SEE PLAN FOR LOCATION.
 2. 1" WIDE RED CIRCLE WITH 1" WIDE RED DIAGONAL LINE.
 3. 1/8" BLUE WATER.
 4. 1/8" RED TICKS ABOUT THE HEAD.
 5. TAN COLOR BODY WITH BLACK OUTLINE, HAIR AND TRUNKS.
 6. 1/8" BLACK POOL FLOOR.



Revision No.	Description	Date	By	Aprvd. By

AQUATIC DESIGN GROUP
 2226 Faraday Ave, Carlsbad, CA 92008
 AquaticDesignGroup.com
 760.438.8400

CALL BEFORE YOU DIG
 800-642-2444

12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderrassociates.com

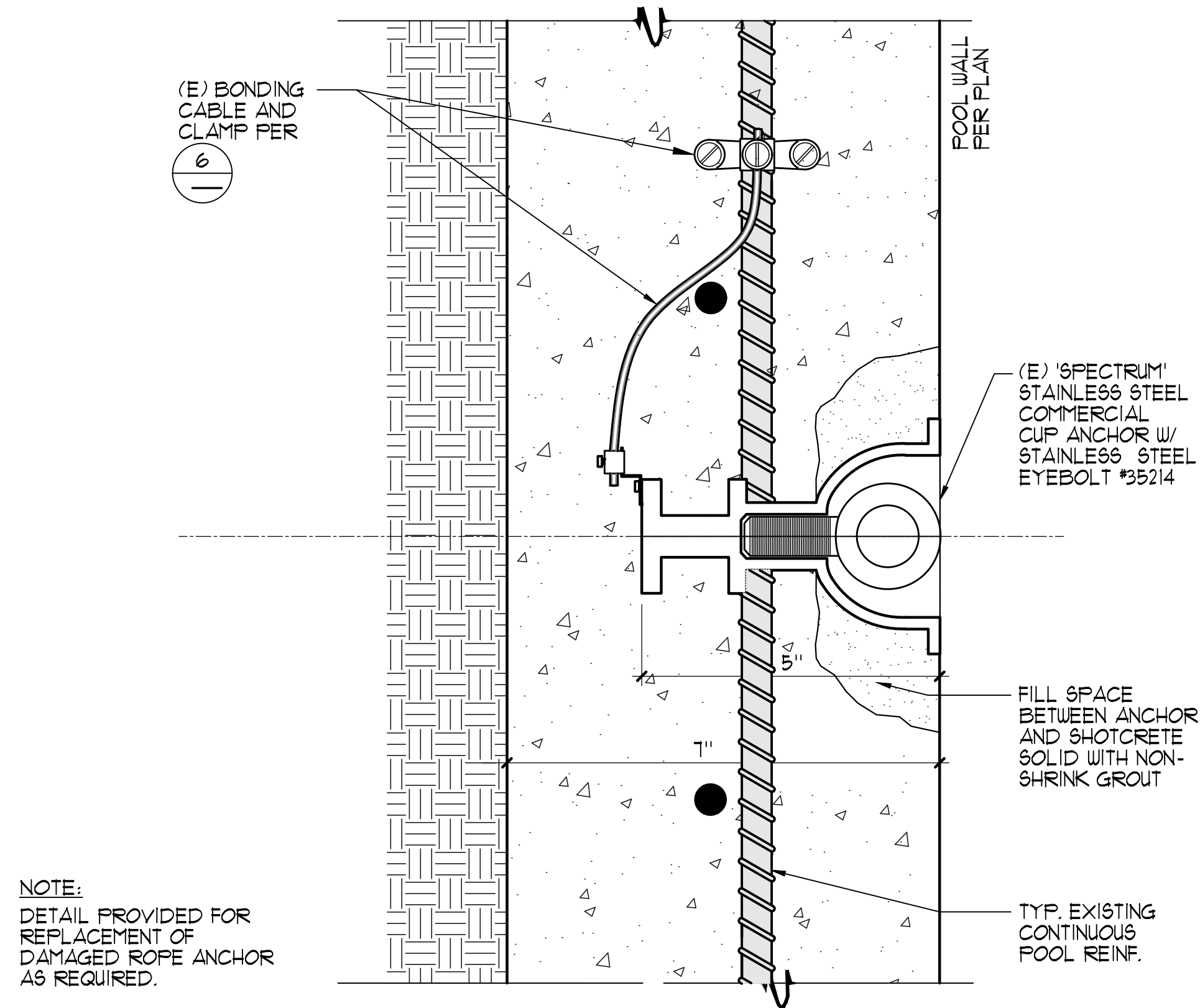
July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
 DETAILS

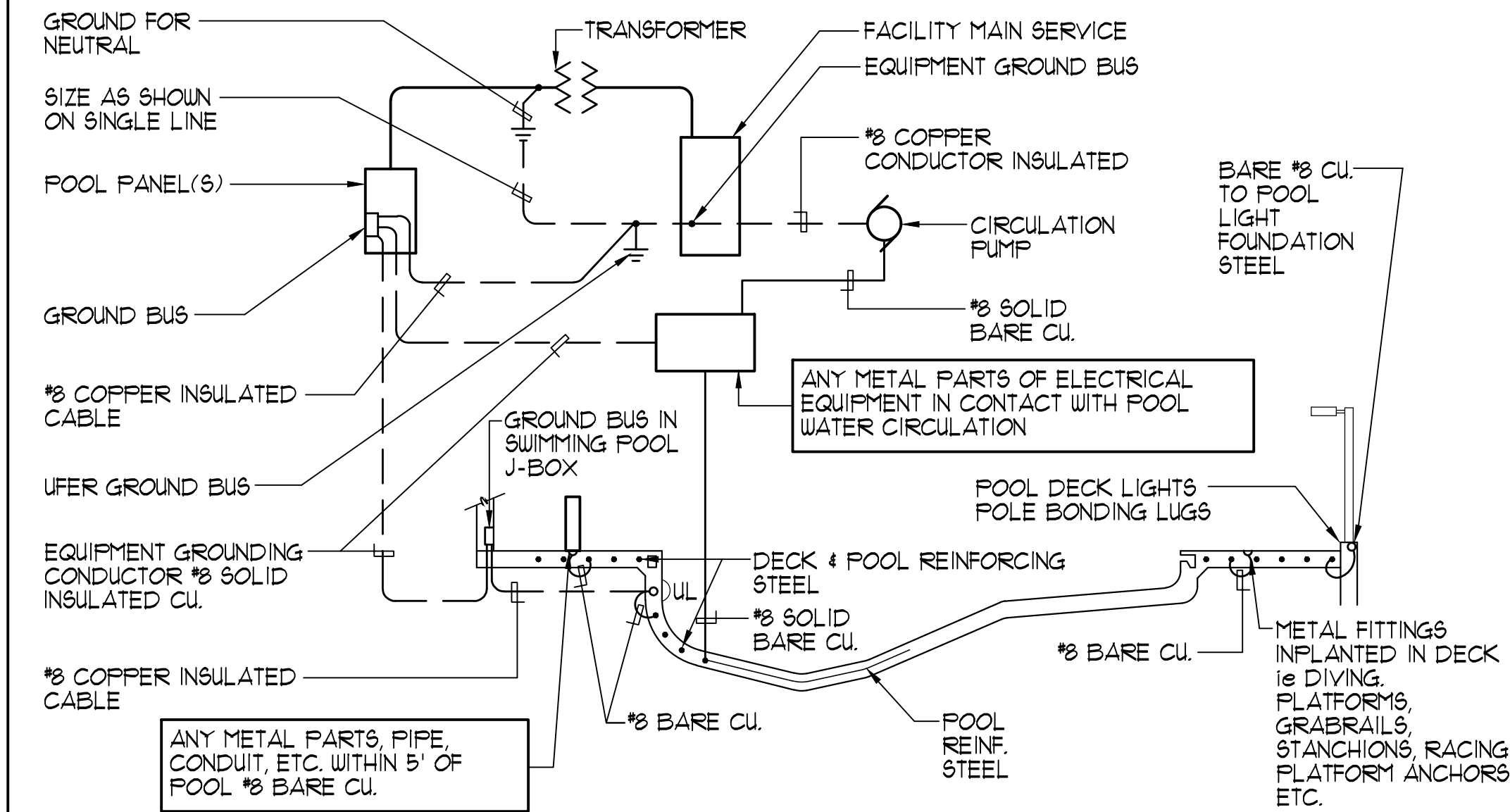
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY GSF	DATE	SP-5
DRAWN BY NMV	CITY ENGINEER	106 OF 162 SHTS
CHECKED BY GSF	STOCKTON, CALIFORNIA	PROJECT NO.
RECORD DWGS.		

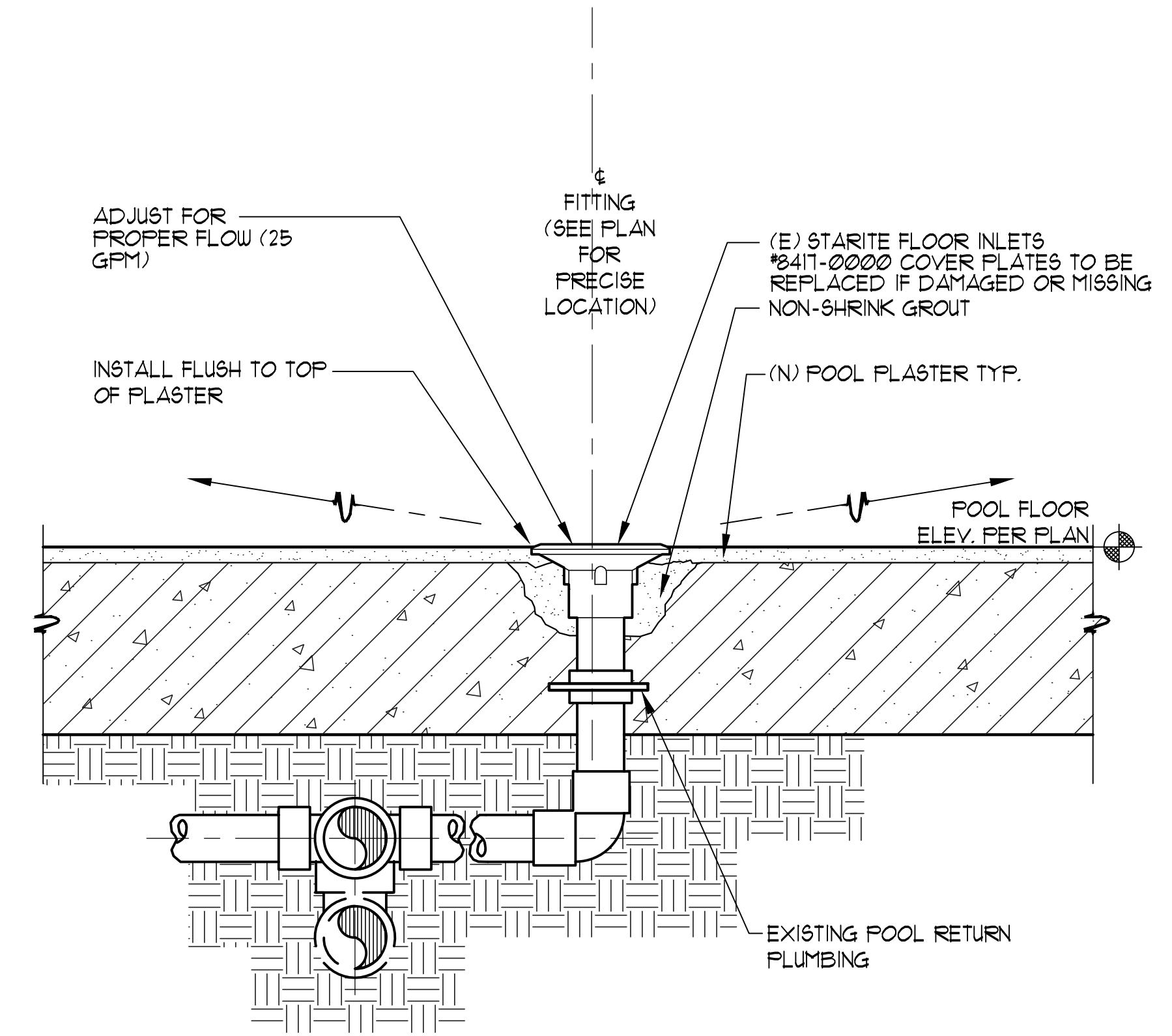
File Path: \\A:\Drawings\Renovation\AQUATIC\Pool\ACLP\SP-5 - DETAILS.dwg Plot Date: 11/02/22 - Saved By: Glenn
 Copyright © 2020 Calender Associates, All Rights Reserved.



NOTE:
DETAIL PROVIDED FOR REPLACEMENT OF DAMAGED ROPE ANCHOR AS REQUIRED.



- NOTE:
- STRUCTURAL STEEL IN POOL DECK AND POOL SHALL BE BONDED TOGETHER (TIGHTLY MADE STEEL TIE-WIRES ARE APPROVED FOR BONDING STRUCTURAL ELEMENTS).
 - BONDING CONNECTOR TO COMMON GRID. (POOL STEEL MAY BE USED FOR THAT PURPOSE) SHALL BE MADE BY PRESSURE CONNECTORS OR CLAMPS OF BRASS, COPPER, OR COPPER ALLOY.
 - ALL GROUND BUSES SHALL BE SIZED FOR CONNECTION TO AWG SIZE 8 WIRE PROVIDING ONE SPARE TERMINAL.
 - GROUND AND BOND IN ACCORDANCE WITH 2019 ARTICLE 680 OF THE CALIFORNIA ELECTRICAL CODE. i.e. LADDERS, FENCING, POLE LIGHTS, DIVING & STARTING STANCHIONS, DISABLED LIFT ETC.
 - PROVIDE BONDING OF AUTOMATIC POOL COVER MOTORS REGARDLESS OF PROXIMITY TO POOL.

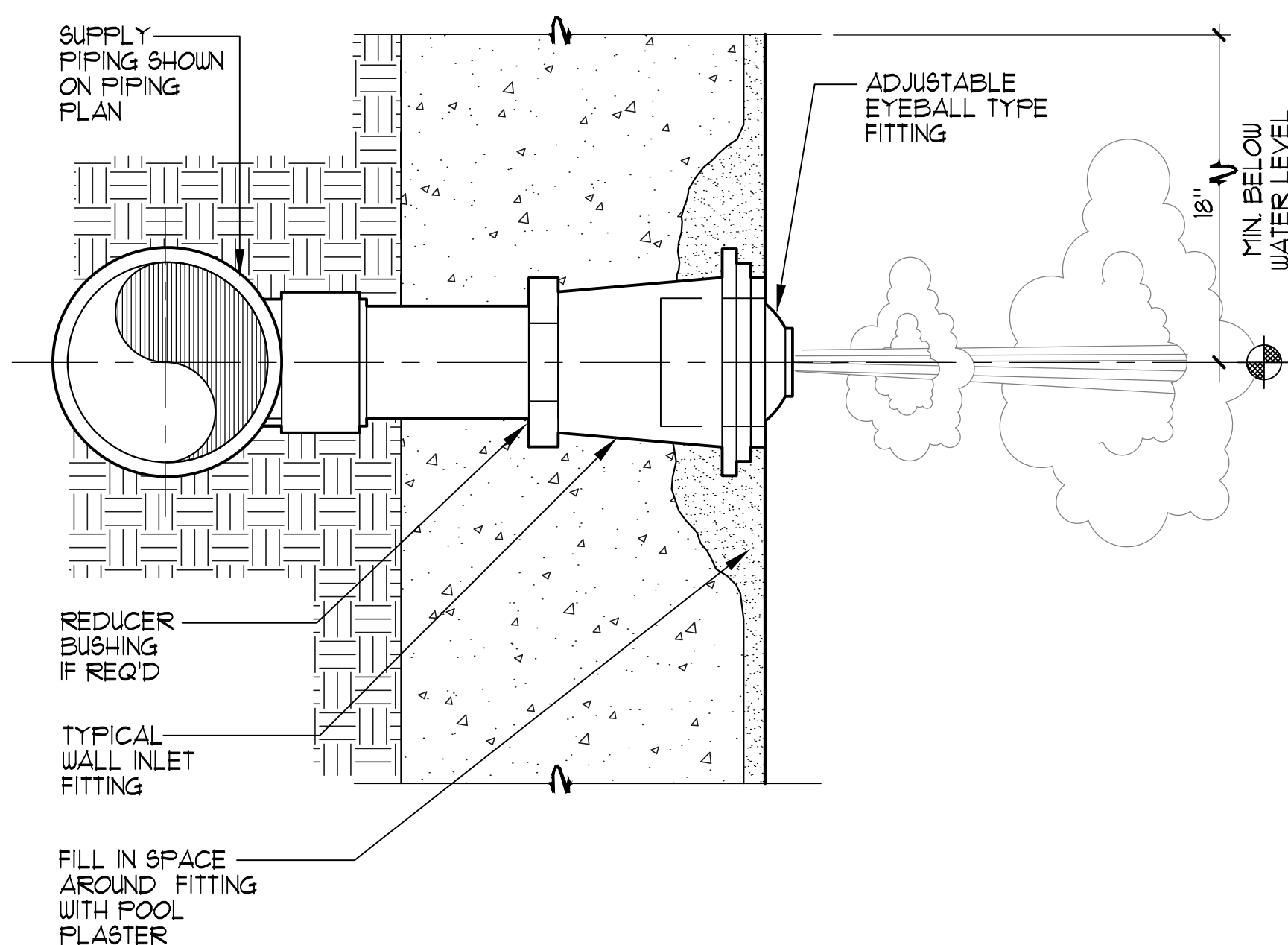


NOTE:
DETAIL PROVIDED FOR REPLACEMENT OF DAMAGED FLOOR INLET AS REQUIRED.

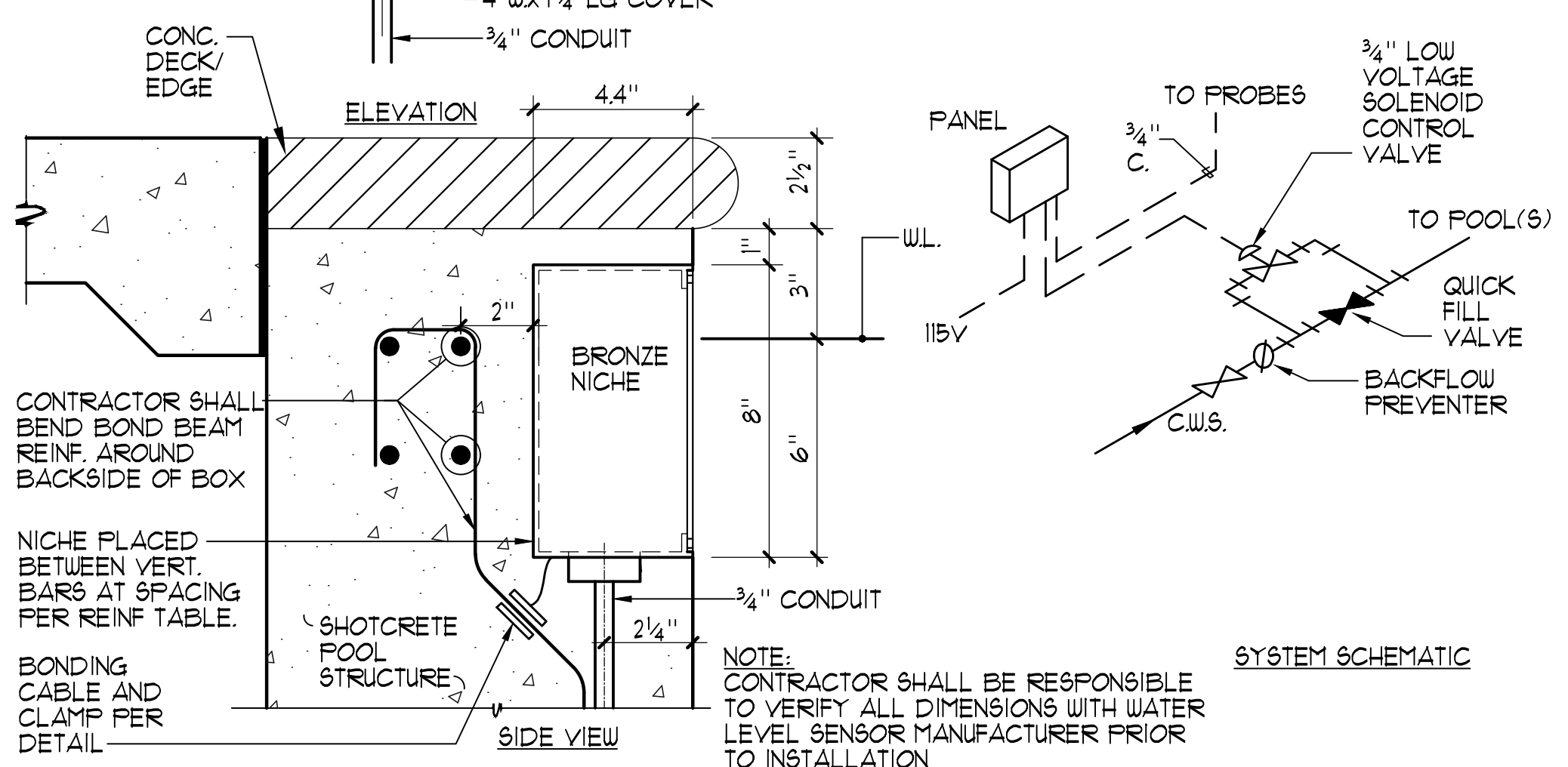
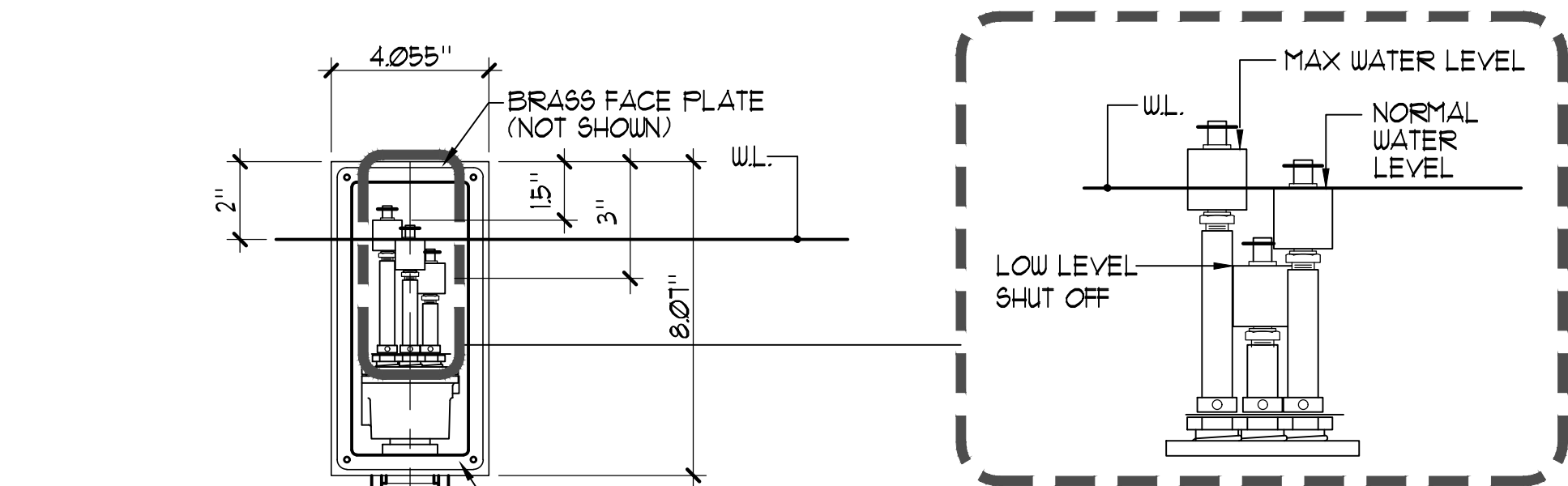
1 ROPE ANCHOR 1/2" = 1"

2 TYPICAL POOL BONDING AND GROUND DETAIL NO SCALE

3 FLOOR INLET 3/4" = 1'-0"

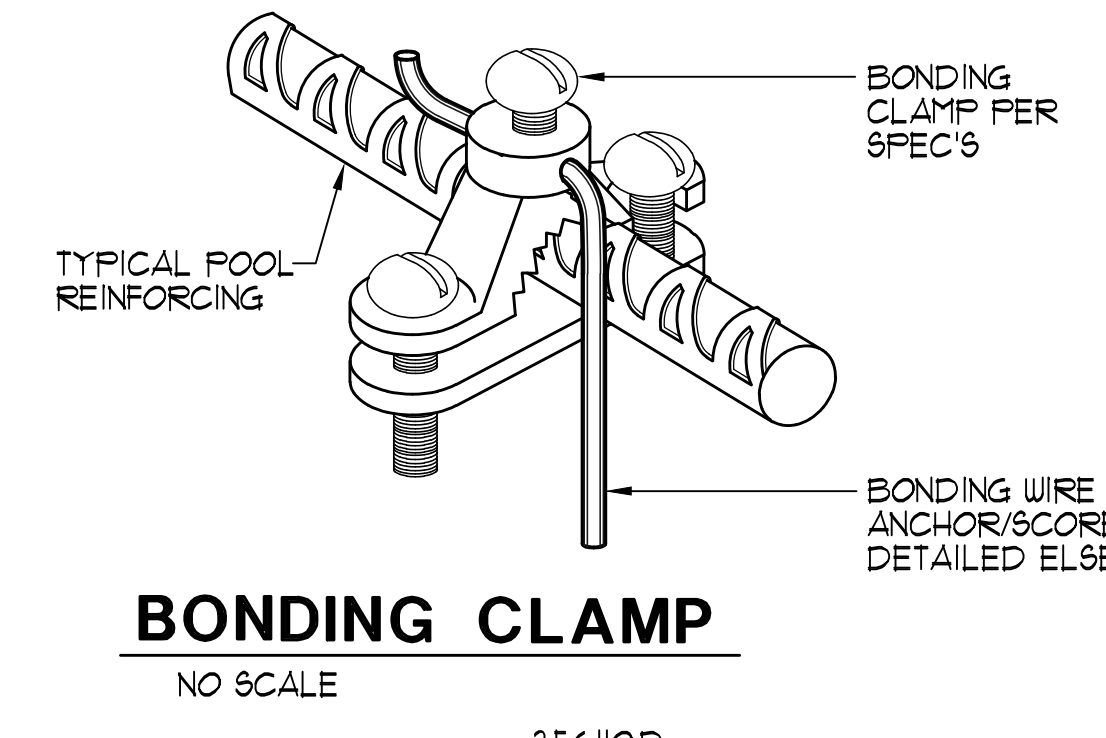


NOTE:
DETAIL PROVIDED FOR REPLACEMENT OF DAMAGED FLOOR INLET AS REQUIRED.

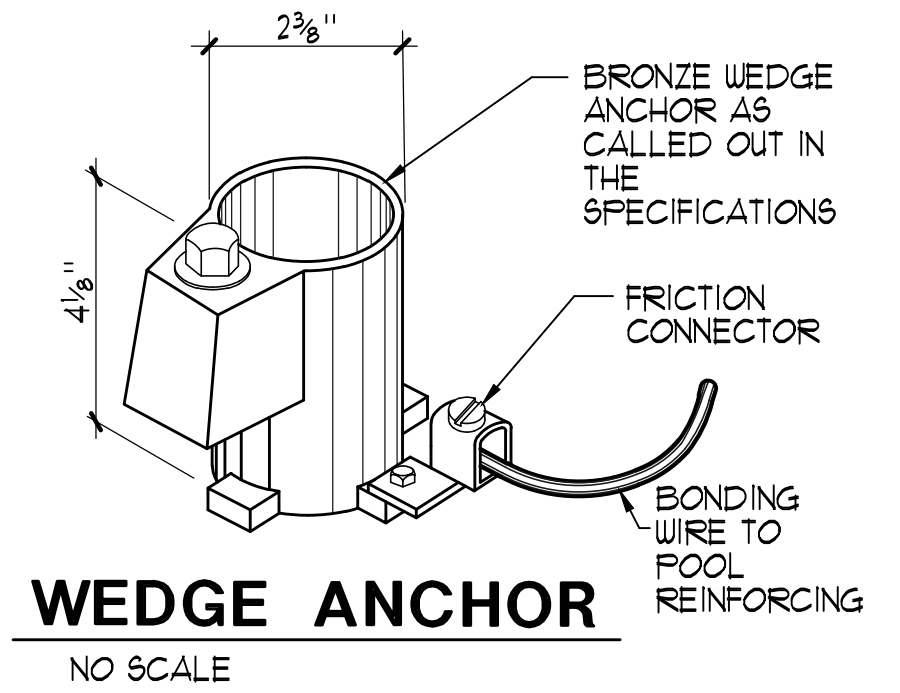


NOTE:
CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL DIMENSIONS WITH WATER LEVEL SENSOR MANUFACTURER PRIOR TO INSTALLATION

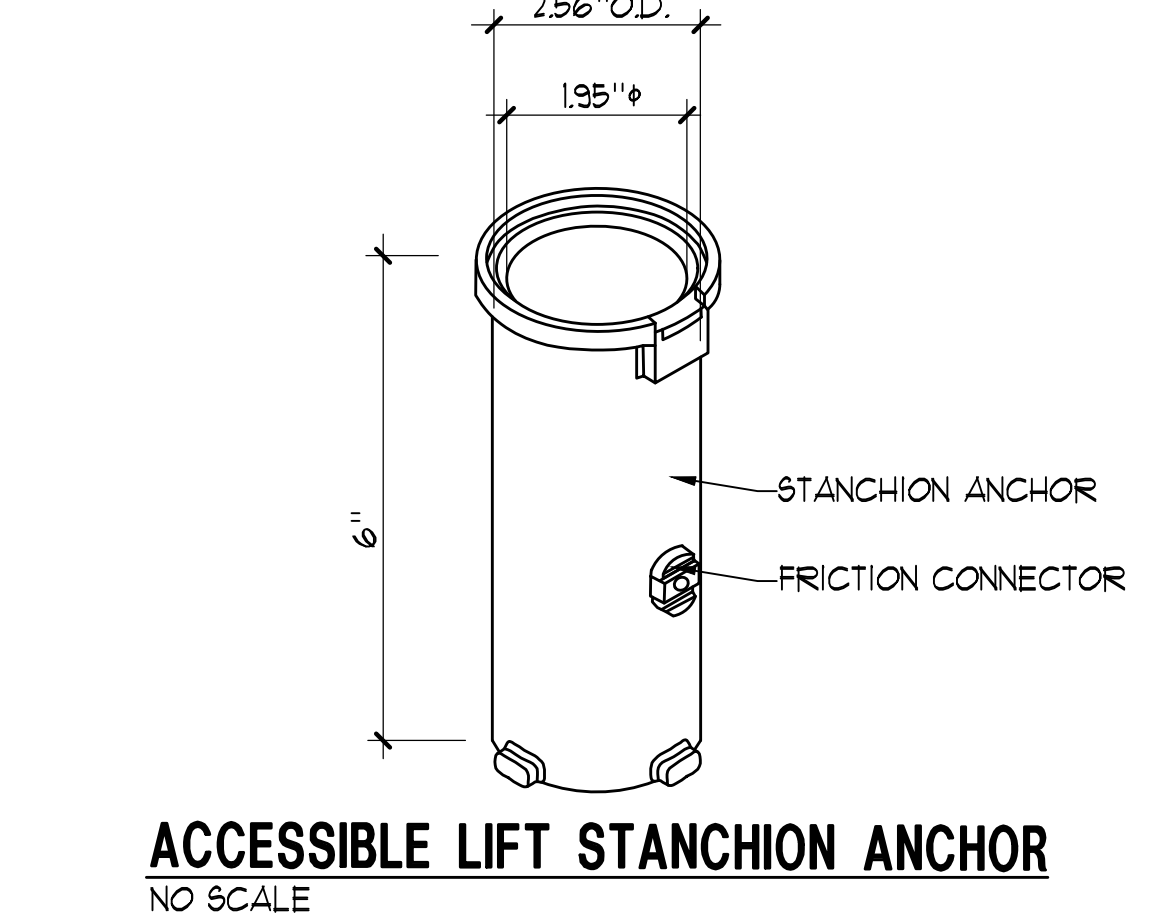
NOTE:
DETAIL PROVIDED FOR INFORMATIONAL PURPOSES



BONDING CLAMP NO SCALE



WEDGE ANCHOR NO SCALE



ACCESSIBLE LIFT STANCHION ANCHOR NO SCALE

4 WALL INLET NO SCALE

5 (E) NICHE MOUNTED WATER LEVEL CONTROL 3/4" = 1'-0"

6 BONDING DETAILS PERMIT REVIEW SET NO SCALE

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE I COMMENTS	11/14/22		

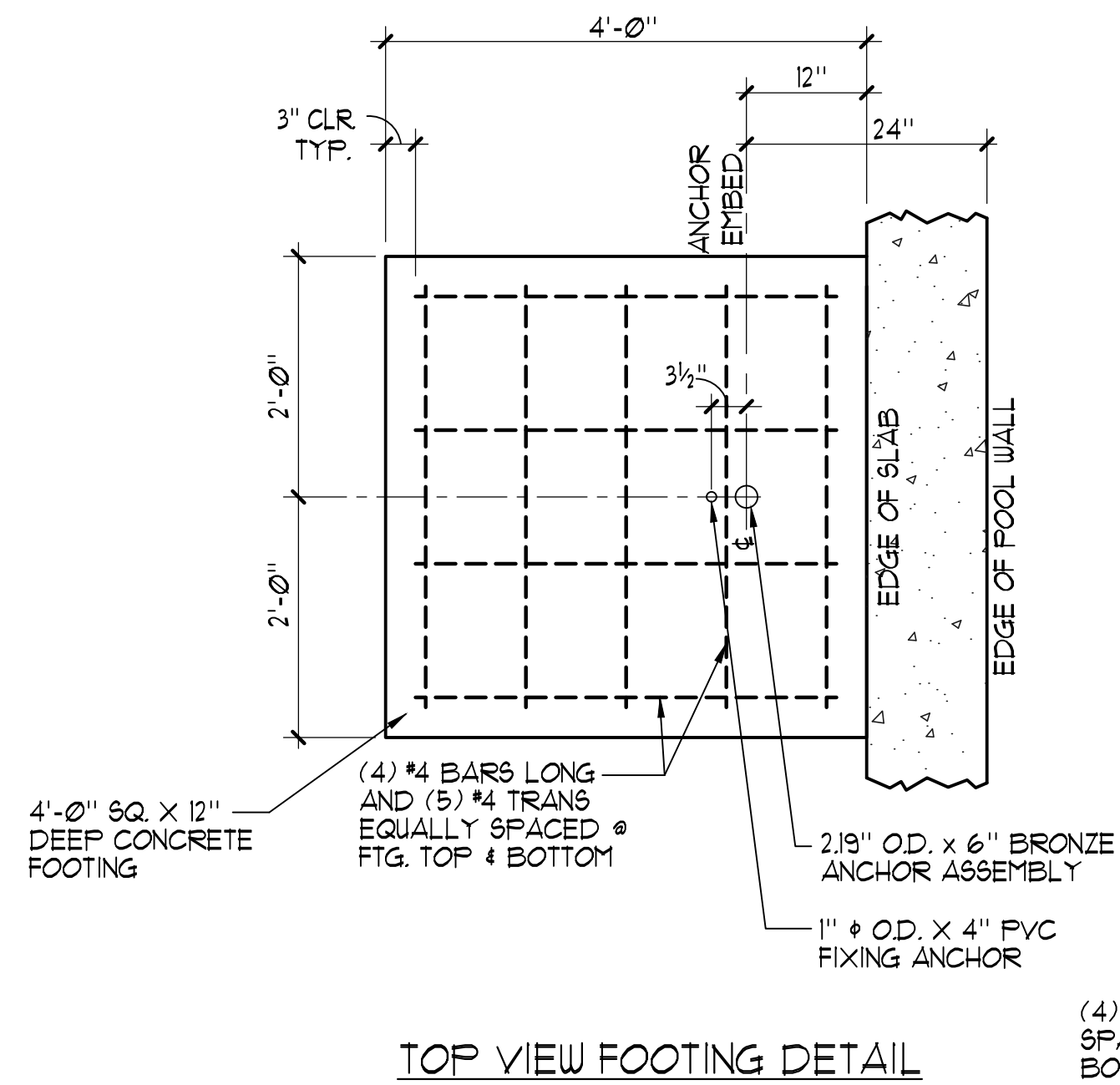
AQUATIC DESIGN GROUP
2226 Faraday Ave, Carlsbad, CA 92008
AquaticDesignGroup.com
760.438.8400

CALL BEFORE YOU DIG
USA
800-642-2444

July 15, 2022 CALA PROJECT NO. 21013

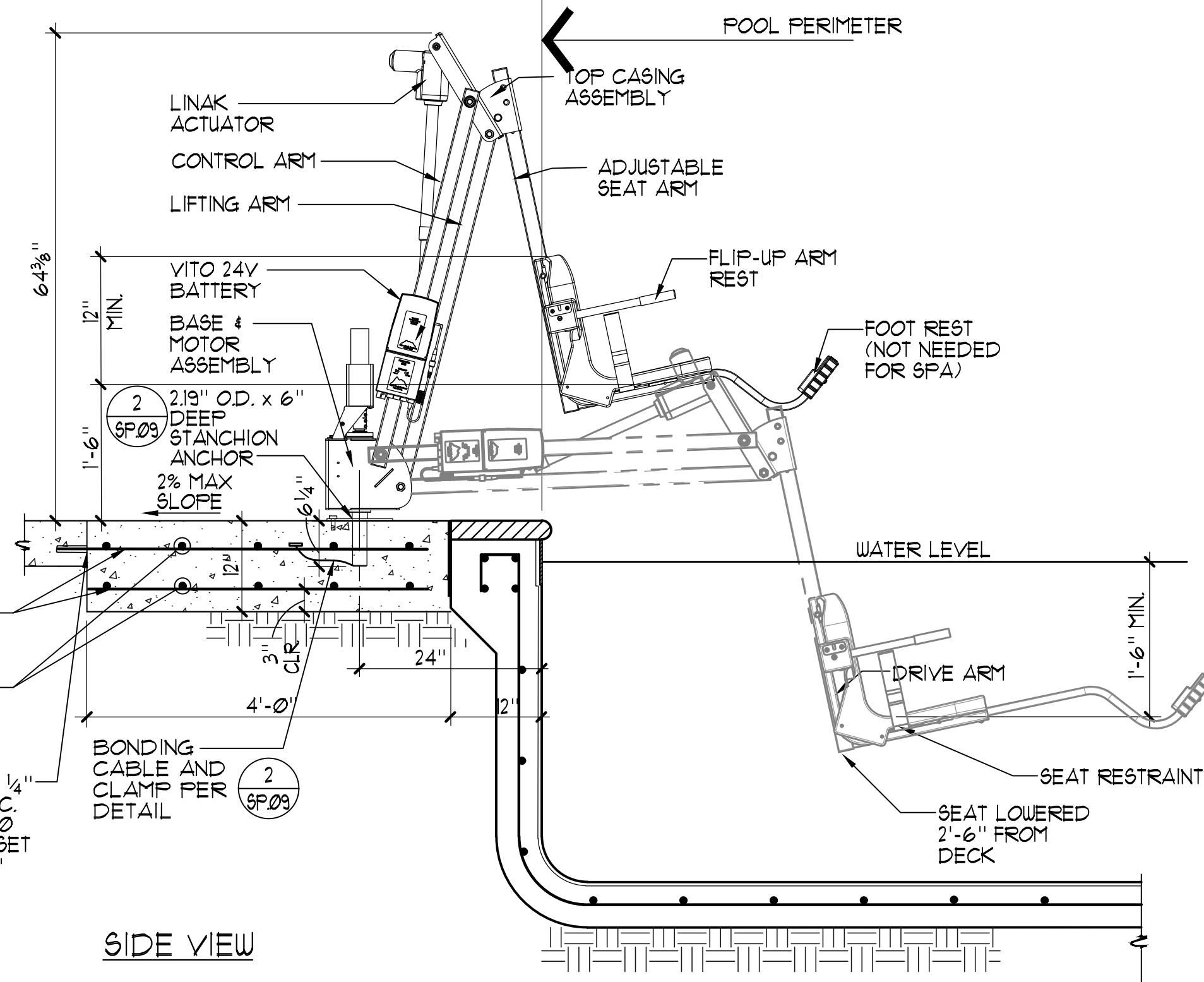
MCKINLEY PARK AND POOL RENOVATION
DETAILS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE	APPROVED BY:	SHEET NO.
DESIGNED BY	DATE	AS SHOWN		SP-6
DRAWN BY				107 OF 162 SHTS
CHECKED BY	CITY ENGINEER			PROJECT NO.
RECORD DWGS.	STOCKTON, CALIFORNIA			

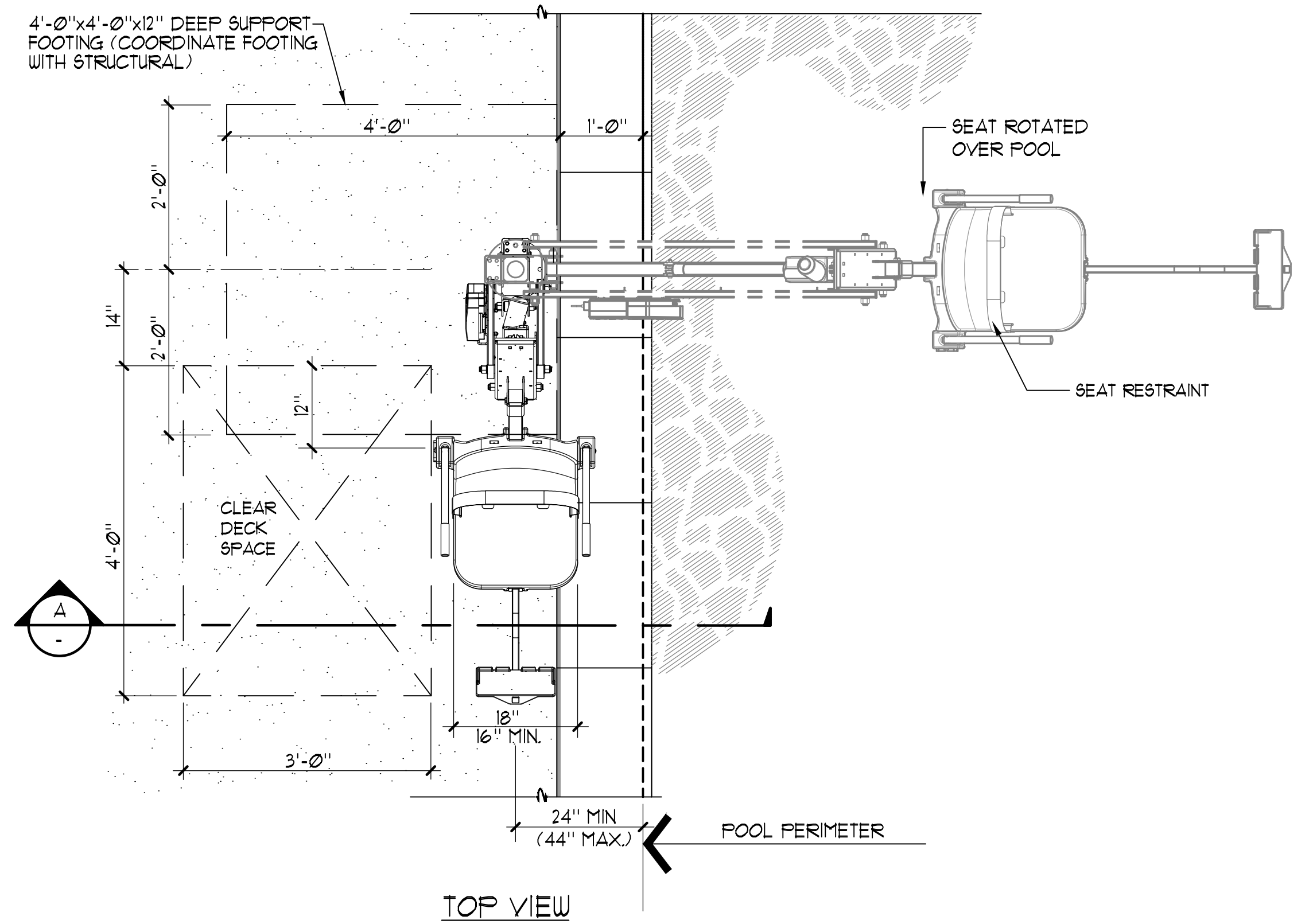


TOP VIEW FOOTING DETAIL

ROUGHEN (E) DECK FLOOR TO 1/4" AMPLITUDE AND SET #4 @12" O.C. DOWELS WITH 'HILTI' HIT HY-200 ADHESIVE SYSTEM, E5R #9/10, SET INTO 3/8" DRILLED HOLES x 4" DEEP, OFFSET FROM EXISTING REINF. TYP.



SIDE VIEW

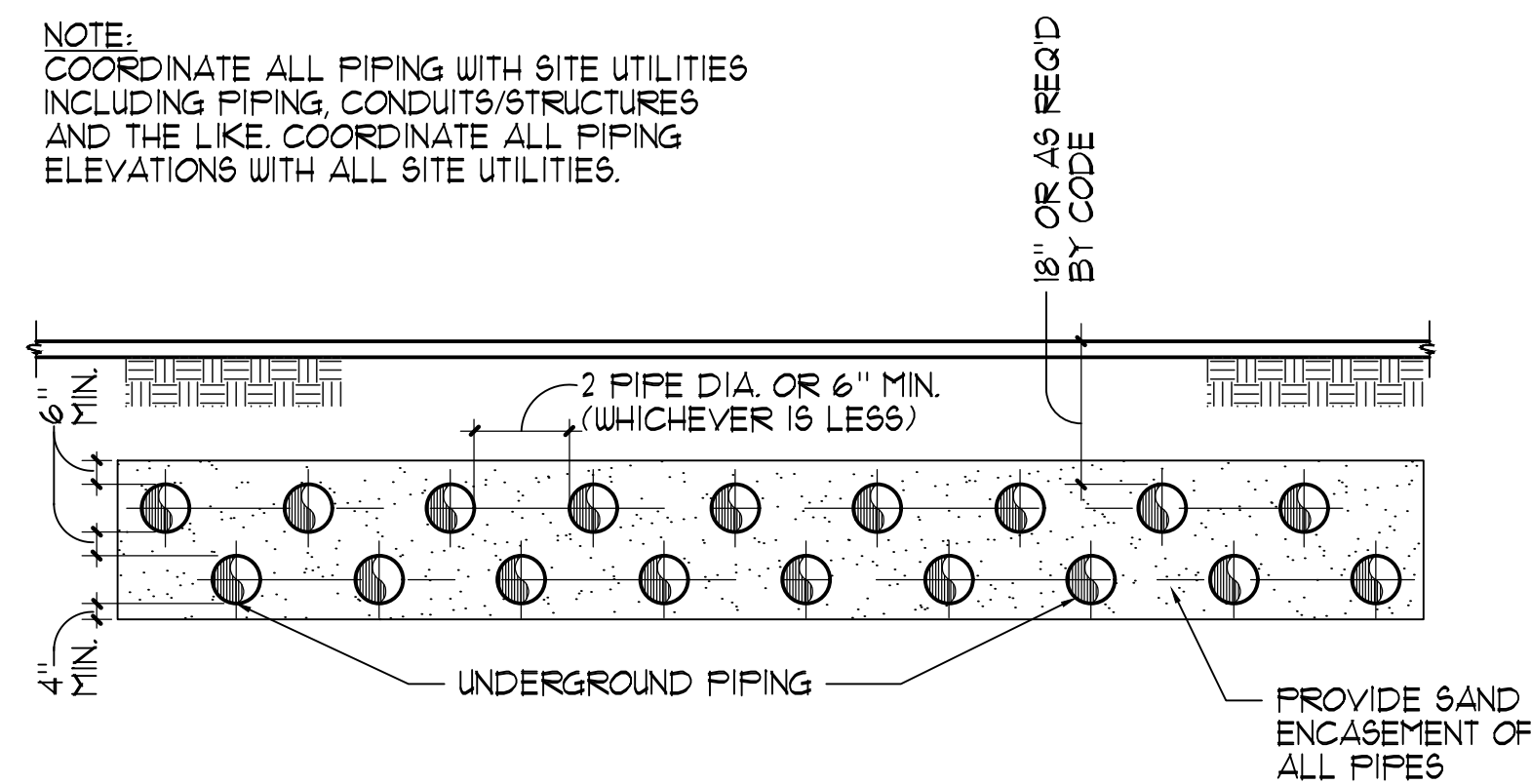


TOP VIEW

NOTES:

- 'AQUA CREEK' MIGHTY 400 F-MTY400 (350 lb. MIN. AND 400 lb. MAX. LIFTING CAPACITY)
- GUSSET COVER PLATE TO BE ATTACHED REQUIRING A TOOL FOR REMOVAL.
- CONTRACTOR SHALL PROVIDE COVER FOR LIFT 'AQUA CREEK' MIGHTY; EXTRA BATTERY PACK 'AQUA CREEK' F-004AB; TRANSPORTER CART 'AQUA CREEK' F-MTTC; AND 'AQUA CREEK' SCOUT/MIGHTY STANDARD ANCHOR SOCKET F-0085A.
- REFER TO ARCH. PLANS FOR LOCATION OF DISABLED LIFT BATTERY CHARGE STATION. PROVIDE 'AQUA CREEK' CHARGER F-044CH.
- POOL LIFT SHALL BE LOCATED WHERE THE WATER LEVEL IS AT LEAST 36" AND DOES NOT EXCEED 48" DEEP, UNLESS ENTIRE POOL IS GREATER THAN 48" DEEP. (CBC SECTION 11B-1009.2.1)
- ON THE RAISED POSITION, THE CENTERLINE OF THE SEAT SHALL BE LOCATED OVER THE DECK AND 16" MINIMUM FROM THE EDGE OF THE POOL. THE DECK SURFACE BETWEEN THE CENTERLINE OF THE SEAT AND THE POOL EDGE SHALL HAVE A 2% MAX. SLOPE. (CBC SECTION 11B-1009.2.2)
- CLEAR DECK SPACE SHALL BE PROVIDED ON SIDE OF SEAT OPPOSITE THE WATER PARALLEL TO THE WATER 36" WIDE x 48" MINIMUM FROM A LINE LOCATED 12" BEHIND THE REAR EDGE OF THE SEAT. THE CLEAR SPACE SHALL HAVE A 2% MAX. SLOPE. (CBC SECTION 11B-1009.2.3)
- THE SEAT SHALL BE RIGID AND SHALL HAVE A BACK SUPPORT THAT IS AT LEAST 12" TALL. THE HEIGHT OF THE LIFT SEAT SHALL BE DESIGNED TO ALLOW A STOP AT 11" MIN. TO 19" MAX. MEASURED FROM THE DECK TO THE TOP OF THE SEAT SURFACE WHEN IN THE RAISED POSITION. THE SEAT SHALL HAVE A RESTRAINT FOR THE USE OF THE OCCUPANT WITH OPERABLE PARTS COMPLYING WITH SECTION 11B-309. (CBC SECTION 11B-1009.2.4)
- THE SEAT SHALL BE 16" WIDE MINIMUM. (CBC SECTION 11B-1009.2.5)
- FOOTRESTS SHALL BE PROVIDED, EXCEPT FOR SPA LIFTS, AND SHALL MOVE WITH THE SEAT. LIFT SHALL HAVE TWO ARMRESTS. THE ARMREST POSITIONED OPPOSITE THE WATER SHALL BE REMOVABLE OR SHALL FOLD CLEAR OF THE SEAT WHEN THE SEAT IS IN THE RAISED POSITION. (CBC SECTION 11B-1009.2.6)
- THE LIFT SHALL BE CAPABLE OF UNASSISTED OPERATION FROM BOTH THE DECK AND WATER LEVELS. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL BE UNOBSTRUCTED WHEN THE LIFT IS IN USE (CBC SECTION 11B-309.4). LIFT MUST BE STABLE AND NOT PERMIT UNINTENDED MOVEMENT WHEN A PERSON IS GETTING INTO OR OUT OF THE SEAT. (CBC SECTION 11B-1009.2.7)
- THE LIFT SHALL BE DESIGNED SO THAT THE SEAT WILL SUBMERGE TO A WATER DEPTH OF 18" MIN. BELOW THE STATIONARY WATER LEVEL. (CBC SECTION 11B-1009.2.8)
- SINGLE PERSON POOL LIFTS SHALL HAVE WEIGHT CAPACITY OF 300 POUNDS MIN. AND BE CAPABLE OF SUSTAINING A STATIC LOAD OF AT LEAST ONE AND A HALF TIME THE RATED LOAD. (CBC SECTION 11B-1009.2.9)

NOTE:
COORDINATE ALL PIPING WITH SITE UTILITIES INCLUDING PIPING CONDUITS/STRUCTURES AND THE LIKE. COORDINATE ALL PIPING ELEVATIONS WITH ALL SITE UTILITIES.



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

DETAILS

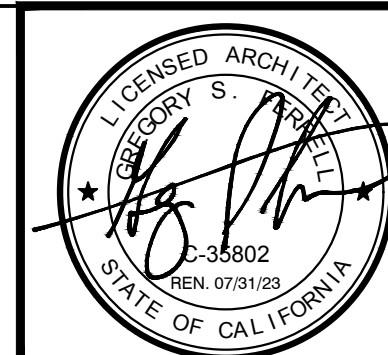
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	GSF	DATE	SP-7
DRAWN BY	NMV		108 OF 162 SHEETS
CHECKED BY	GSF	CITY ENGINEER	PROJECT NO.
RECORD DWGS.		STOCKTON, CALIFORNIA	

2

STACKED UNDERGROUND PIPING

NO SCALE PERMIT REVIEW SET



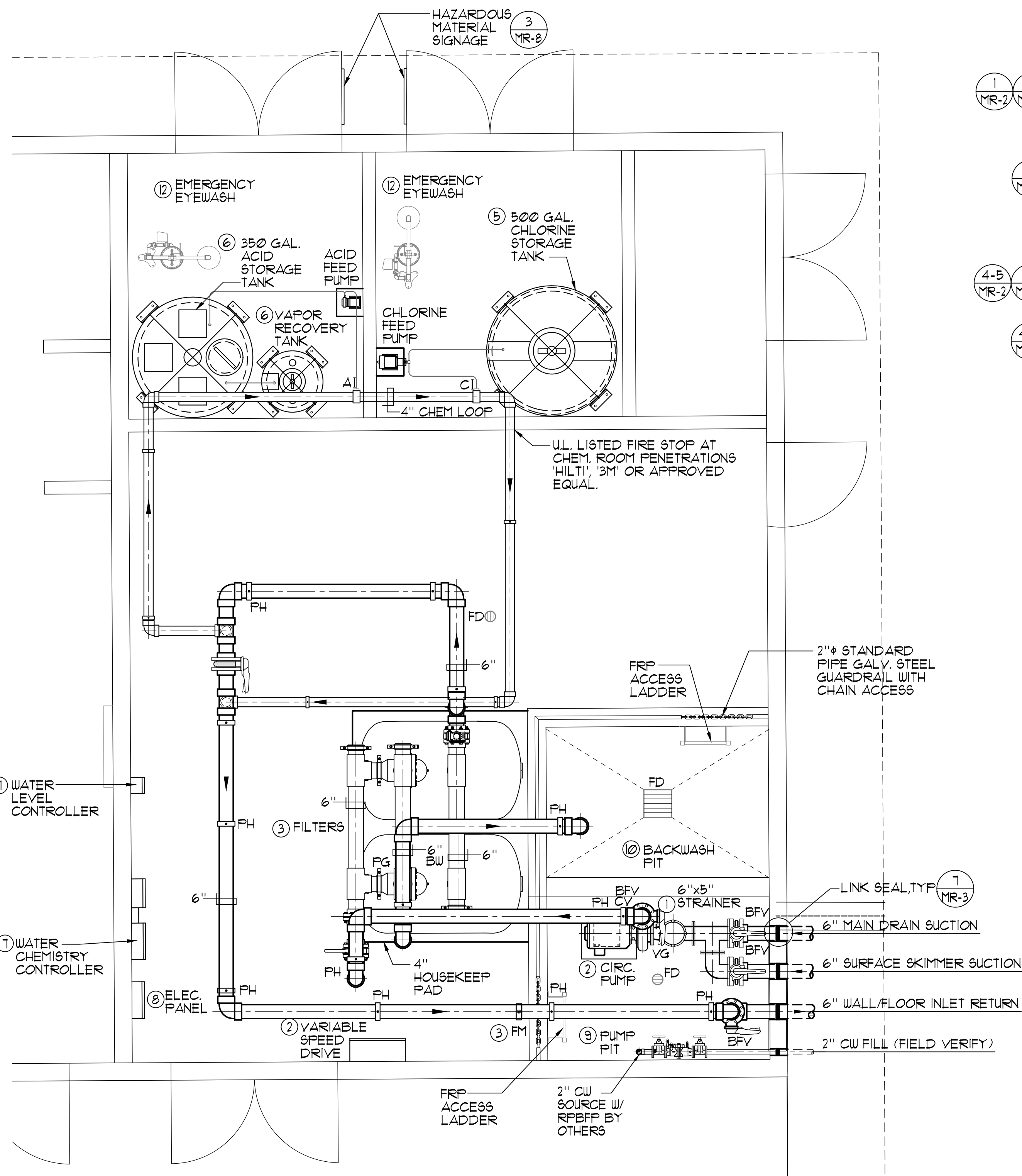
Revision No.	Description	Date	By	Aprvd. By

File Path: H:\Drawings\Renovation\AquaCreekPool\Pool\ACLP1 - DETAILS.dwg Plot Date: 11/02/22 Sheet By: NMB

1

ACCESSIBLE LIFT

3/4" x 1'-0"



NEW EQUIPMENT LIST

- 1 SWIMMING POOL STRAINER: 'MER-MADE' F.O. SERIES FRP REDUCING BASKET STRAINER: ONE (1) 6"x5" STANDARD, WITH ACRYLIC LID AND TWO (2) STAINLESS STEEL STRAINERS EA. (150lbs.)
- 2 SWIMMING POOL CIRCULATION PUMP: 'PACO' #4095-T, 4"x5"x8.34" TYPE 'LC' END SUCTION CENTRIFUGAL PUMP, 1760 RPM 208V 3PH, 15HP, RATED AT 420 GPM @ 60 FT. TDH, 79.64% EFFICIENT; FREEMINUM EFFICIENCY TEFC MOTOR, EPOXY COAT ALL WET SURFACES, 'PACO', 'AURORA' OR EQUAL, (425 lbs.) PROVIDE 'SPCS' EKO-FLEX PUMP CONTROL SYSTEM VARIABLE SPEED DRIVE MODEL SFC505EF4 SYSTEM 205"x41"x13.9" DEEP, COORDINATE MOUNTING LOCATION TO MAINTAIN DESIRED CLEARANCES, 208V 3PH, (126 lbs.)
- 3 SWIMMING POOL FILTERS: 'EKO' SYSTEMS GEN 2 'EKO-42175-2066-T-2 AUTOMATIC FILTER CONTROL (AFC) FULLY AUTOMATIC HI-RATE PERMANENT MEDIA FILTER WITH 35 SQ. FT. OF FILTER AREA RATED AT 525 GPM AT 15 GPM/SQ. FT. COMPLETE WITH 6" FACE PIPING, 6" BACKWASH, SEISMIC ANCHORAGE. PROVIDE ALL UTILITIES, PIPING, VALVING ETC. (6,005 lbs EACH TANK) 'EKO' SYSTEMS GEN 2' OR EQUAL. PROVIDE SIGNET MK-315 FLOSENSOR WITH DIGITAL READ-OUT, ONE (1) SYSTEM TOTAL.
- 4 NOTE OMITTED
- 5 CHLORINE STORAGE/FEED SYSTEM: PROVIDE 'CHEM-TAINER' 500 GALLON 'TC593TDC', DUAL STORAGE/CONTAINMENT TANK WITH LID SEISMICALLY RESTRAINED; OPERATING WEIGHT = (4,651lbs), COMPLIES WITH FED. REG #40CFR-264-193. FEED PUMP SHALL BE 'LMI' #SD43-28P-K9; 288 GPD @ 15 PSI WITH FRP SHELF BRACKETS, HARD PIPE TO POINT OF INJECTION.
- 6 ACID STORAGE/FEED SYSTEM: PROVIDE 'CHEM-TAINER' 350 GALLON 'TC5256DC', DUAL STORAGE/CONTAINMENT TANK WITH LID SEISMICALLY RESTRAINED; OPERATING WEIGHT = (2,920lbs), COMPLIES WITH FED. REG #40CFR-264-193. PROVIDE 60 GALLON ACID VAPOR RECOVERY SYSTEM, ONE (1) TOTAL. PROVIDE ONE (1) STENNER #45MHP10, 10GPD AT 100PSI.
- 7 WATER CHEMISTRY CONTROLLER: PROVIDE ETHERNET CONNECTION TO 'BECYS' C6-BECYS1T-BF-E WATER CHEMISTRY CONTROLLER. PROVIDE COMPLETE SYSTEM CONTROL PACKAGE, 'BECYS' SYSTEM T, 'IMPACT', 'WALLACE & TIERNAN' OR APPROVED EQUAL.
- 8 ELECTRICAL: PROVIDE ALL ELECTRICAL WIRING, CONDUIT, PANEL(S), STARTER/DISCONNECT INTERCONNECT(S) ETC. AS REQUIRED FOR PROPER EQUIPMENT INSTALLATION PER MANUFACTURERS RECOMMENDATIONS AND SHOP DRAWINGS. COORDINATE ALL WORK WITH OTHER TRADES AS REQUIRED. REFER TO ELEC. PLANS FOR ALL ADDITIONAL INFO.
- 9 PUMP PIT: 6'-0"x8'-0"x5'-0" DEEP. PROVIDE 2" GALV. STANDARD STEEL PIPE GUARDRAIL. PROVIDE SUMP PUMP IN SUMP WITH EJECTION INTO RAISED BACKWASH PIT. PROVIDE WATERPROOFING PER SPECIFICATIONS. ACCESS LADDER TO BE 'FIBERGLASS' DYNARAIL FRP OR EQUAL.
- 10 BACKWASH PIT: 5'-4" x 8'-0" x 5'-0" DEEP WITH 8" P-TRAP OUTLET TO SEWER. PROVIDE WATERPROOFING PER SPECIFICATIONS. COORDINATE WITH STRUCTURAL AND PLUMBING PLANS.
- 11 SWIMMING POOL FILL SYSTEM: NICHE MOUNTED 'PEM' MODEL L104-46 WALL MOUNTED SENSOR UNIT WITH 'PEM' L104-100A, 115V UL LISTED CONTROL PANEL, SOLENOID VALVES, ETC. 2" FILL. ONE (1) TOTAL. FIELD VERIFY.
- 12 EYEWASH/SHOWER: HAWS MODEL #8300-8309CRP BARRIER FREE COMBINATION SHOWER AND EYE/FACE WASH WITH CORROSION RESISTANT PROTECTION. SEE MEP SHEETS FOR SUPPLY PIPING. TWO (2) TOTAL.

MECHANICAL ANCHORAGE

- 1. EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB TZ (ICC ESR-1917) OR SIMPSON STRONG BOLT 2 (ESR-3037) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- 2. EXPANSION OR WEDGE ANCHORS INTO MASONRY: HILTI KB 3 (ICC ESR-1385) OR SIMPSON WEDGE-ALL (ICC ESR-1396) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- 3. UNDERCUT ANCHORS INTO CONCRETE: HILTI HDA (ICC ESR-1546) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- 4. HEAVY DUTY EXPANSION ANCHORS INTO CONCRETE: HILTI HSL-3 (ICC ESR-1545) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- 5. FASTENERS SHALL BE STAINLESS STEEL FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE GALVANIZED CARBON STEEL ANCHORS AT OTHER LOCATIONS, UNLESS OTHERWISE NOTED.
- 6. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE ANCHOR AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR OR DOUCEL MAY NOT BE SHIFTED AS NOTED ABOVE, THE STRUCTURAL ENGINEER WILL DETERMINE A NEW LOCATION.
- 7. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.
- 8. ANCHORS SHALL BE PROOF-TESTED BY OWNER'S TESTING AND INSPECTION AGENCY.
- 9. TEST ANCHORS NO SOONER THAN 24 HOURS AFTER INSTALLATION.
- 10. APPLY TEST LOAD BY ANY METHOD THAT WILL EFFECTIVELY MEASURE THE TENSION OF THE ANCHOR SUCH AS DIRECT PULL WITH A HYDRAULIC JACK, TORQUE WRENCH, OR CALIBRATED SPRING LOADING DEVICES, ETC.
- 11. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY A BASE PLATE OR OTHER FIXTURE. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE THE FIXTURE PRIOR TO TESTING.
- 12. UNLESS OTHERWISE NOTED, PROVIDE MINIMUM EMBEDMENT OF ANCHORS AS SHOWN IN TABLES BELOW.
- 13. TEST 50% OF ANCHORS PER ONE OF THE FOLLOWING METHODS AND IN ACCORDANCE WITH THE VALUES SHOWN IN THE TABLE:
 - A. HYDRAULIC RAM METHOD: APPLY PROOF TEST LOAD WITHOUT REMOVING THE NUT. IF IT IS NOT POSSIBLE TO TEST WITH THE NUT INSTALLED, REPLACE THE NUT WITH A THREADED COUPLER TO THE LOAD. ANCHOR IS ACCEPTABLE IF NO MOVEMENT IS OBSERVED AT THE TEST LOAD. MOVEMENT MAY BE DETERMINED WHEN THE WASHER UNDER THE NUT BECOMES LOOSE.
 - B. TORQUE WRENCH METHOD: TEST ANCHORS TO THE TORQUE LOAD INDICATED IN THE TABLE WITH ONE-HALF TURN OF THE NUT.
- 14. IF ANY ANCHOR FAILS TESTING, REPLACE ANCHOR AND TEST ADDITIONAL ANCHORS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE TESTS PASS, THEN RESUME INITIAL TESTING FREQUENCY.

HEATER/GAS PIPING INSTALLATION NOTE

GAS FIRED POOL HEATER(S) INSTALLED ON A GAS SUPPLY SYSTEM UTILIZING A 2 PSI OR 5 PSI SUPPLY. GAS PRESSURE SHALL REQUIRE A REGULATOR TO REDUCE THE SUPPLY PRESSURE. A PROPERLY SIZED AND INSTALLED LOCK-UP-TYPE HIGH GAS PRESSURE REGULATOR (HGPR) SHALL BE USED TO REDUCE THE GAS PRESSURE AT THE UNIT INLET TO A MINIMUM OF 4" TO A MAXIMUM OF 11" WATER COLUMN.

'LOCHINVAR' RECOMMENDS THAT ANY REQUIRED LINE LOCK-UP-TYPE HIGH GAS PRESSURE REGULATOR BE INSTALLED WITH A MINIMUM OF 8 FEET TO 10 FEET OF PIPE FROM ITS DISCHARGE TO THE UNIT'S GAS INLET. IF A STRAIGHT DISTANCE OF GAS PIPE IS NOT AVAILABLE THE ADDITION OF A VERTICAL 'U' IN THE GAS PIPING DOWN STREAM FROM THE 'HGPR' CAN BE USED TO ACHIEVE THE 8 FEET TO 10 FEET OF DISTANCE.

CONTRACTOR IS RESPONSIBLE FOR HEATER VENTING, EXHAUST DUCTING, FLUE TERMINUS AND PENETRATION(S) THROUGH BUILDING STRUCTURE.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA - APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1611A.1.8 THROUGH 1611A.1.26 AND ASCE 1-16 CHAPTERS 13, 26 AND 30.

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
- 2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER, 'PERMANENTLY ATTACHED' SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 10/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- 3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 1-16 SECTION 13.3 AS DEFINED IN ASCE 1-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2019 CBC, SECTIONS 1611A.1.24, 1611A.1.25, 1611A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G. OSHPD OPM FOR 2019 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP MD PP E 1 SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM) # OPM 10043-13 & 10052-13.

THREE PHASE MOTOR LOADS AT 208V

SWIMMING POOL CIRCULATION PUMP: 15 HP @ 208V = 46.2 AMPS

GENERAL NOTES

- 1. THE PIPING SYSTEM SHALL HAVE DIRECTION OF FLOW ARROWS INDICATED ON THE PIPES.
- 2. PUBLIC POOLS SHALL HAVE A FLOW DIAGRAM OF THE POOL'S PIPING SYSTEM WITH OPERATION INSTRUCTIONS.
- 3. THE FLOW DIAGRAM AND INSTRUCTIONS SHALL BE AVAILABLE ON THE PREMISES AT ALL TIME.
- 4. ALL MECHANICAL ROOM FLOORS SHALL BE SLOPED A MIN 1/4" PER FOOT TO A DRAIN PER CBC 3122B. SEE ARCHITECTURAL SHEETS FOR SPOT ELEVATIONS AND SLOPES.

WEDGE OR EXPANSION ANCHOR EMBEDMENT DEPTH AND TEST LOAD					
SIZE	MIN. EMBED	* HILTI KB-TZ ANCHORS IN CONCRETE		ANCHORS IN MASONRY	
		TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)	TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)
1/2" DIA.	2"	800	10	500	10
3/8" DIA.	2"	1,500	25	500	30
1/2" DIA.	3 1/4"	3,000	40	1,000	35
3/4" DIA.	4"	4,900	60	1,250	55
1" DIA.	4 3/4"	6,300	110	1,700	120

* REFER TO EVALUATION REPORT FOR INSTALLATION TORQUE LOADS IF ANOTHER TYPE OF EXPANSION ANCHOR IS USED.

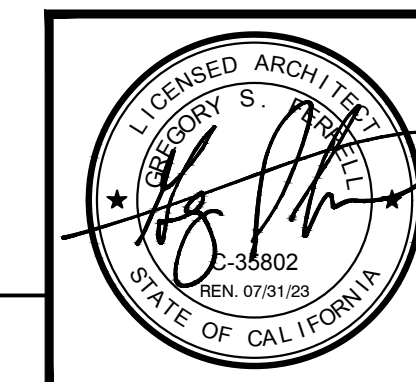


LEGEND

- BV = BALL VALVE
- BFV = BUTTERFLY VALVE
- CV = CHECK VALVE
- FM = FLOWMETER
- BW = BACKWASH
- FS = FLOOR SINK
- AI = ACID INJECTION
- C1 = CHLORINE INJECTION
- PH = PIPE HANGER
- PG/VG = VACUUM / PRESSURE GAUGE
- FD = FLOOR DRAIN
- RPBFP = REDUCED PRESSURE BACKFLOW PREVENTOR

NEW MECHANICAL ROOM LAYOUT PLAN

3/8" = 1'-0"



Revision No.	Description	Date	By	Aprvd. By

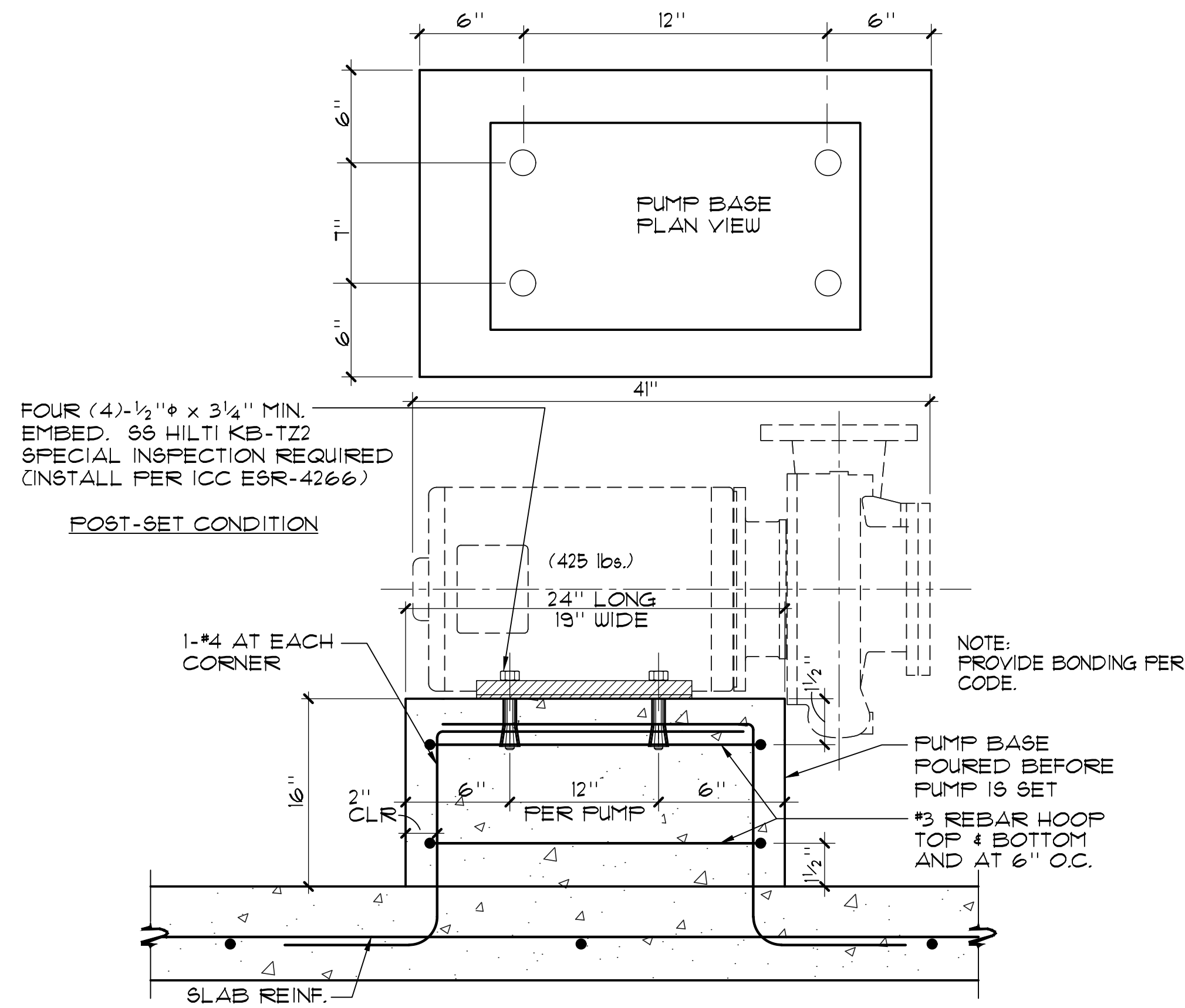
2226 Faraday Ave, Carlsbad, CA 92008
AquaticDesignGroup.com
760.438.8400

July 15, 2022 CALA PROJECT NO. 21013

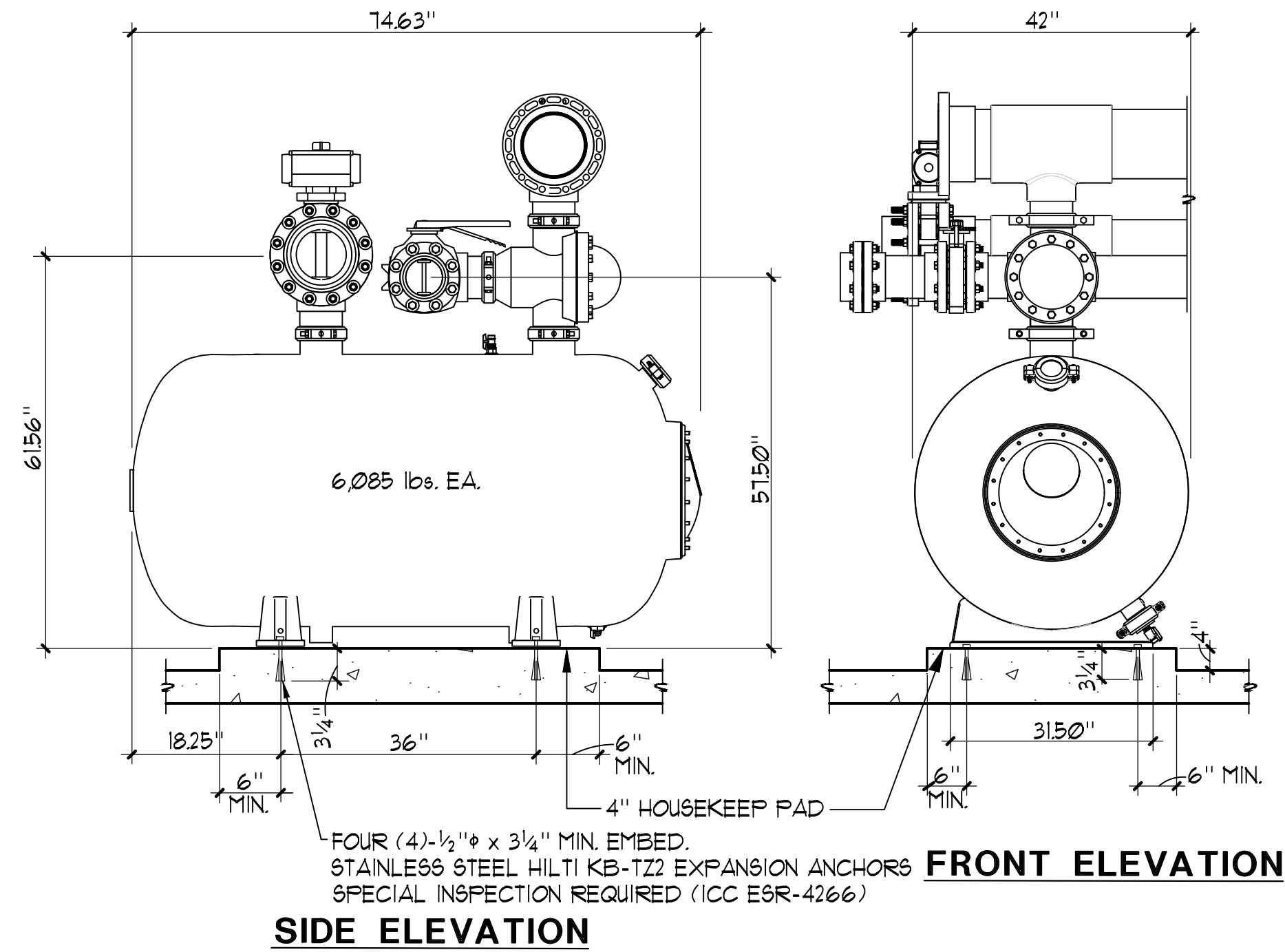
MCKINLEY PARK AND POOL RENOVATION

NEW MECHANICAL ROOM LAYOUT PLAN

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. MR-1
DESIGNED BY GSF	DRAWN BY NMV	CHECKED BY GSF	CITY ENGINEER	109 OF 162 SHTS
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.		

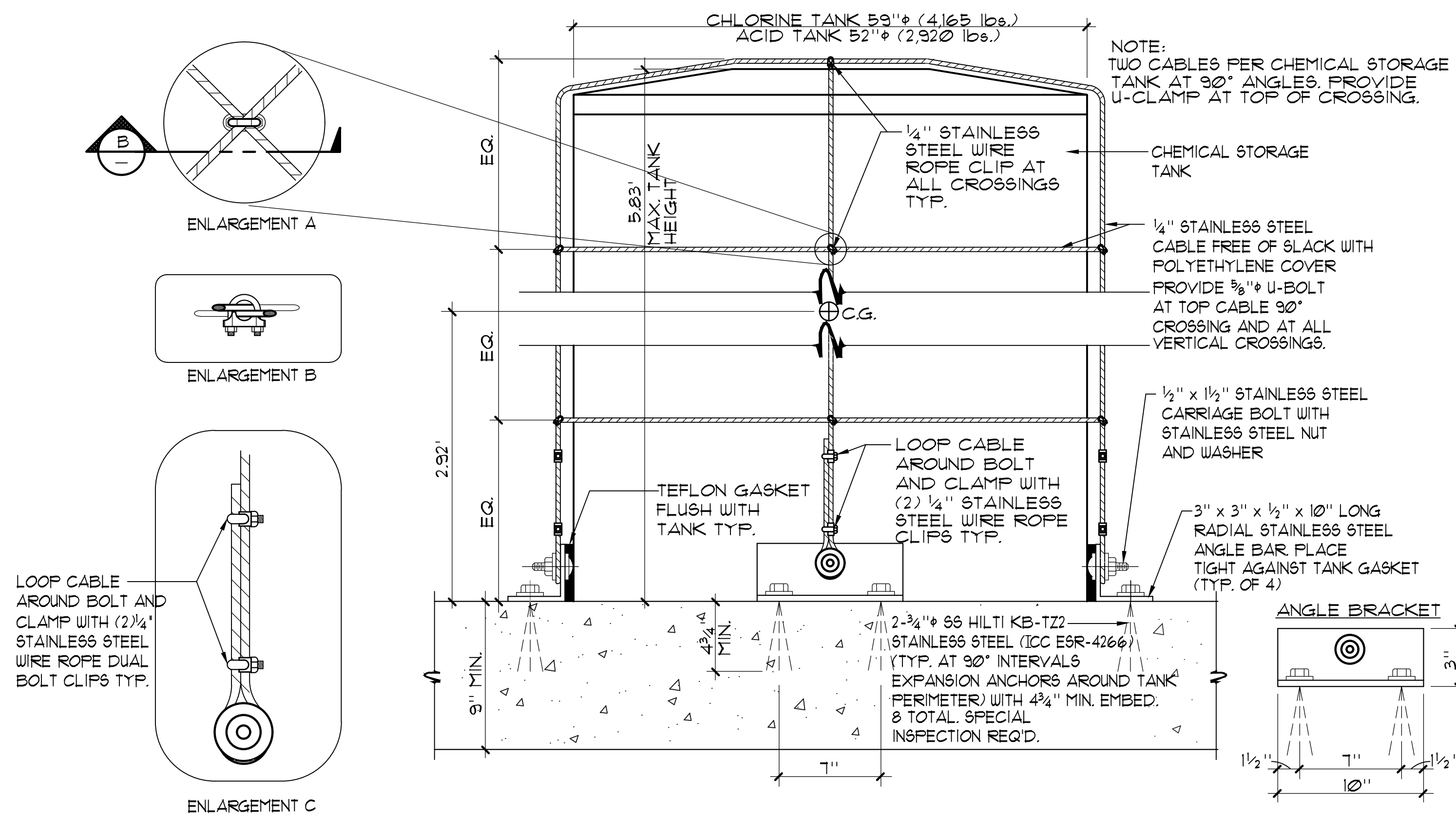


1 PUMP ANCHORAGE NO SCALE

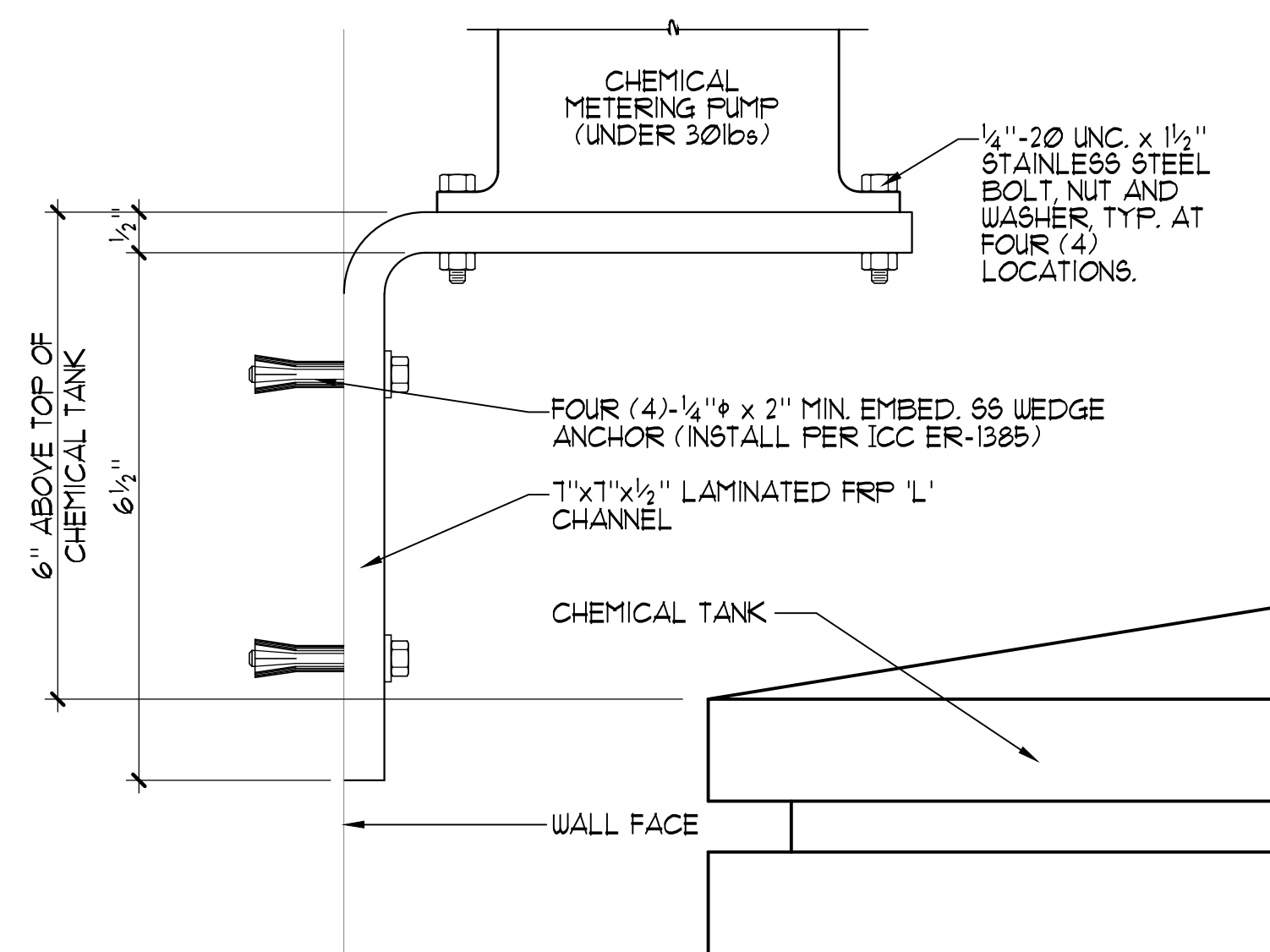


2 FILTER ANCHORAGE NO SCALE

3 DETAIL OMITTED



4 CHEMICAL TANK ANCHOR (TYP. 3 TANKS) NO SCALE



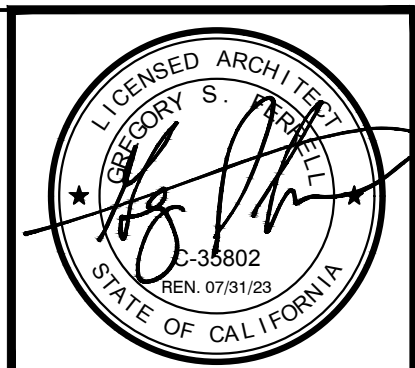
5 CHEMICAL PUMP SHELF 6 inch x 1 foot-0 inch PERMIT REVIEW SET



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
July 15, 2022 CALA PROJECT NO. 21013

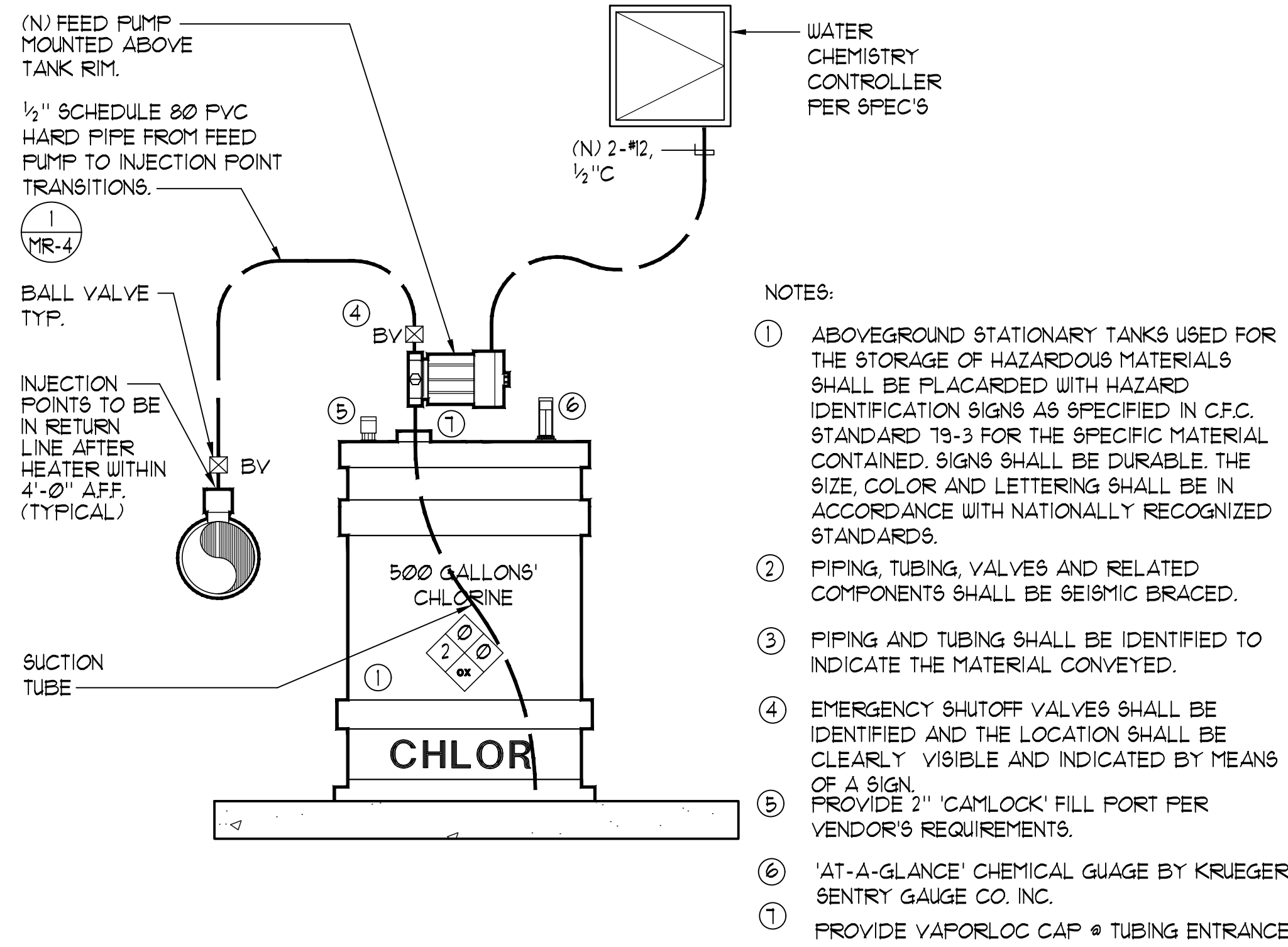
MCKINLEY PARK AND POOL RENOVATION
DETAILS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY GSF	DATE	APPROVED BY:	DATE	MR-2
DRAWN BY NMV		CITY ENGINEER		110 OF 162 SHTS
CHECKED BY GSF		STOCKTON, CALIFORNIA		PROJECT NO.
RECORD DWGS.				

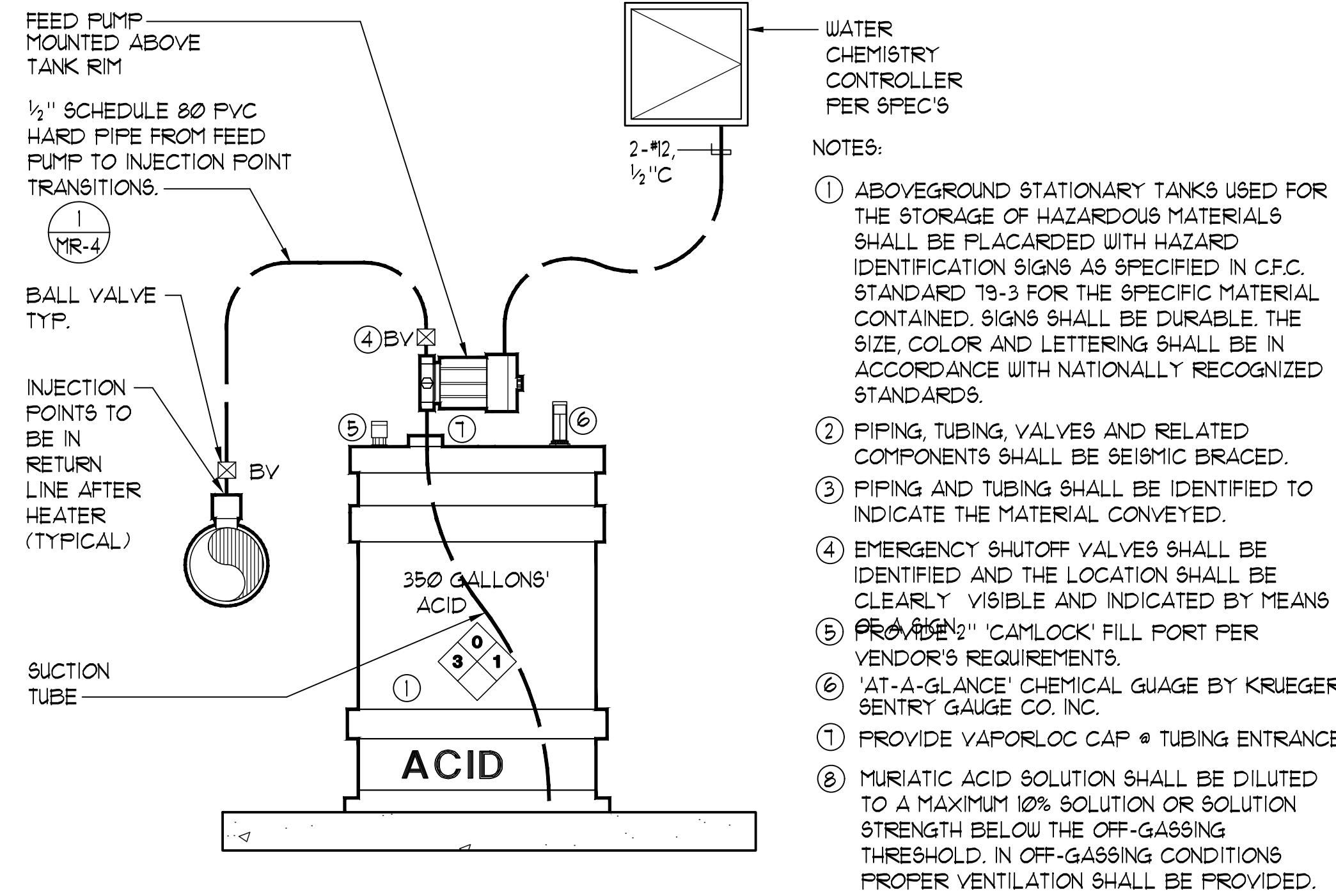


Revision No.	Description	Date	By	Aprvd. By

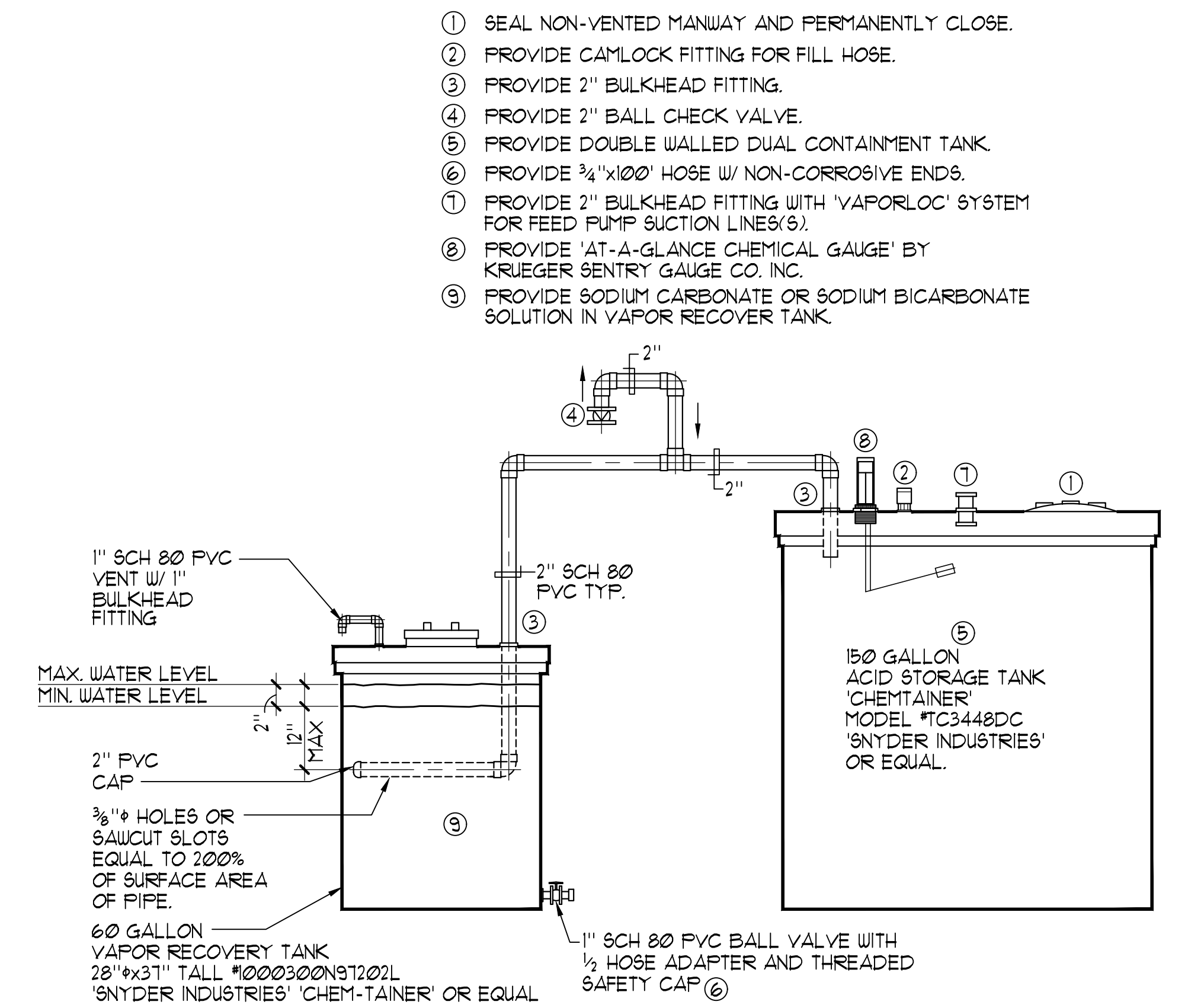
File Path: \\A:\Drawings\Renovation\AQUATIC\Pool\Pool\AC\MR-2 - DETAILS.dwg Plot Date: 11/17/22 - Saved By: G.Hallett
Copyright © 2022 Callander Associates Architecture, Inc.



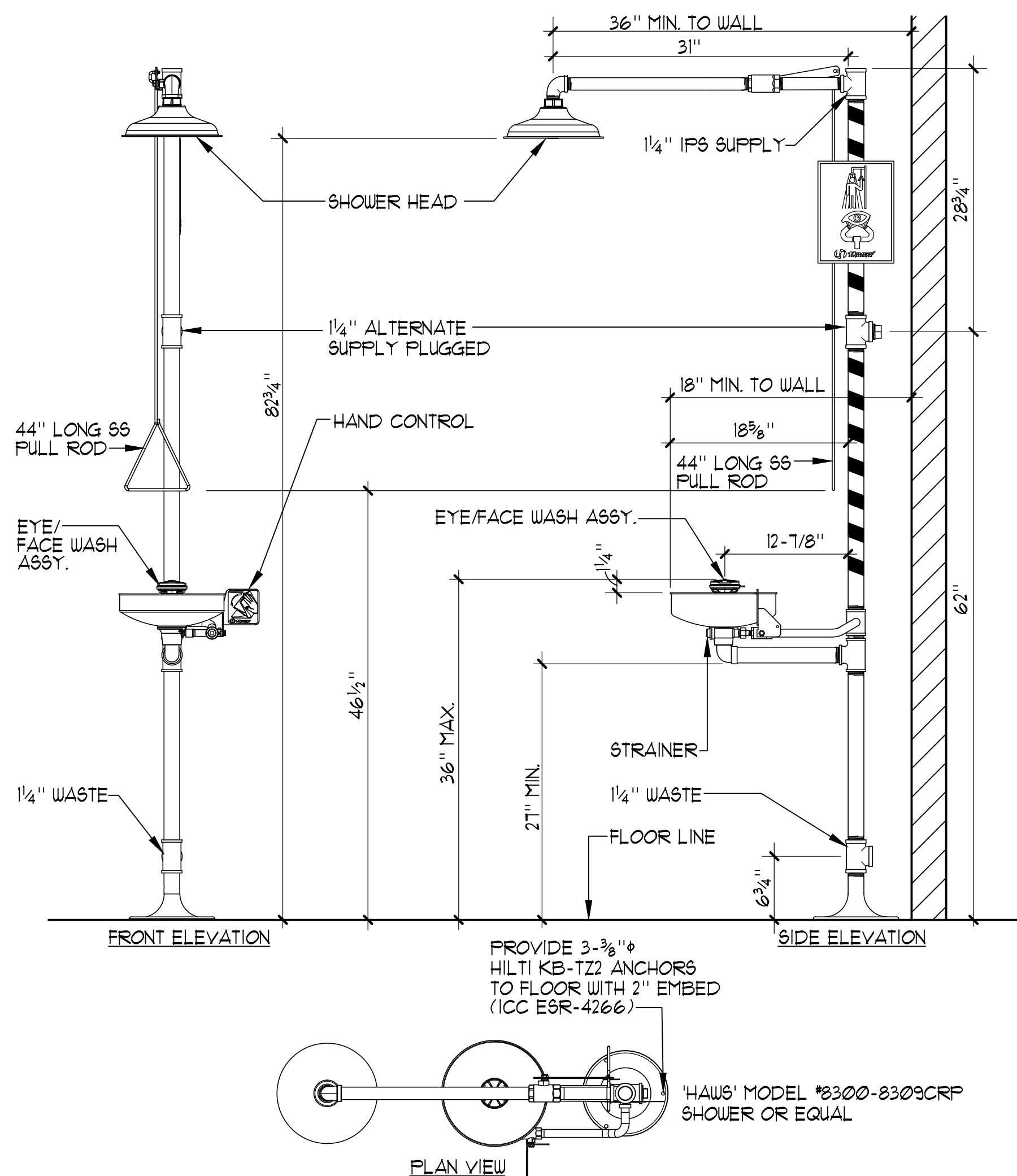
1 SODIUM HYPOCHLORITE FEED SCHEMATIC NO SCALE



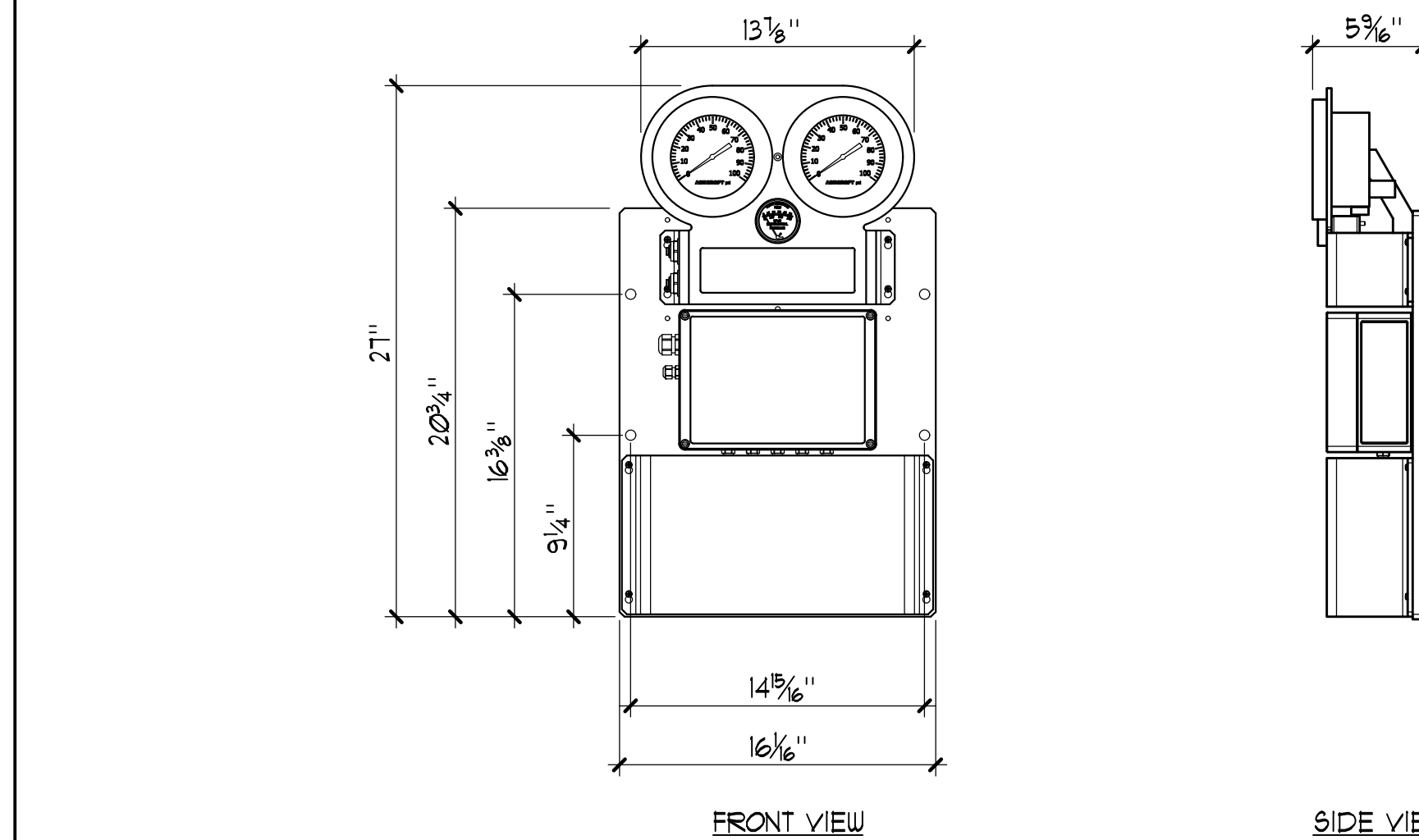
2 MURIATIC ACID FEED SCHEMATIC NO SCALE



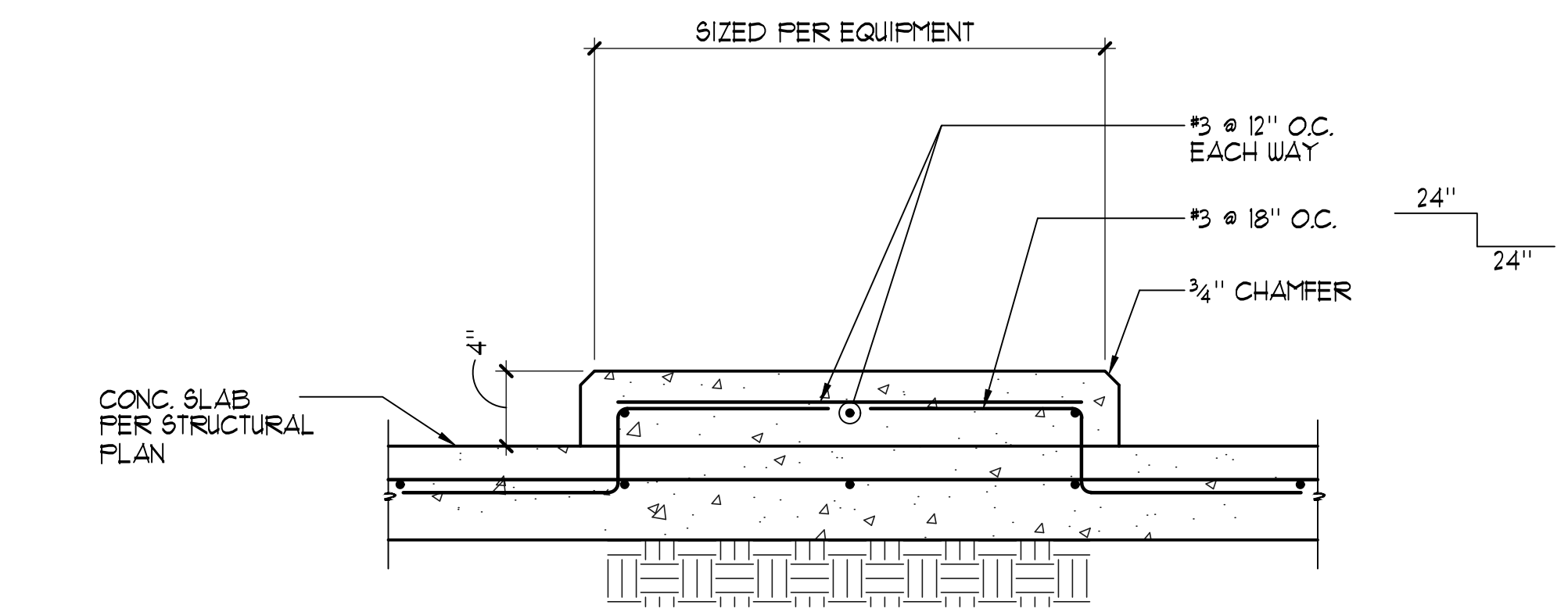
3 VAPOR RECOVERY TANK 1/16" = 1'-0"



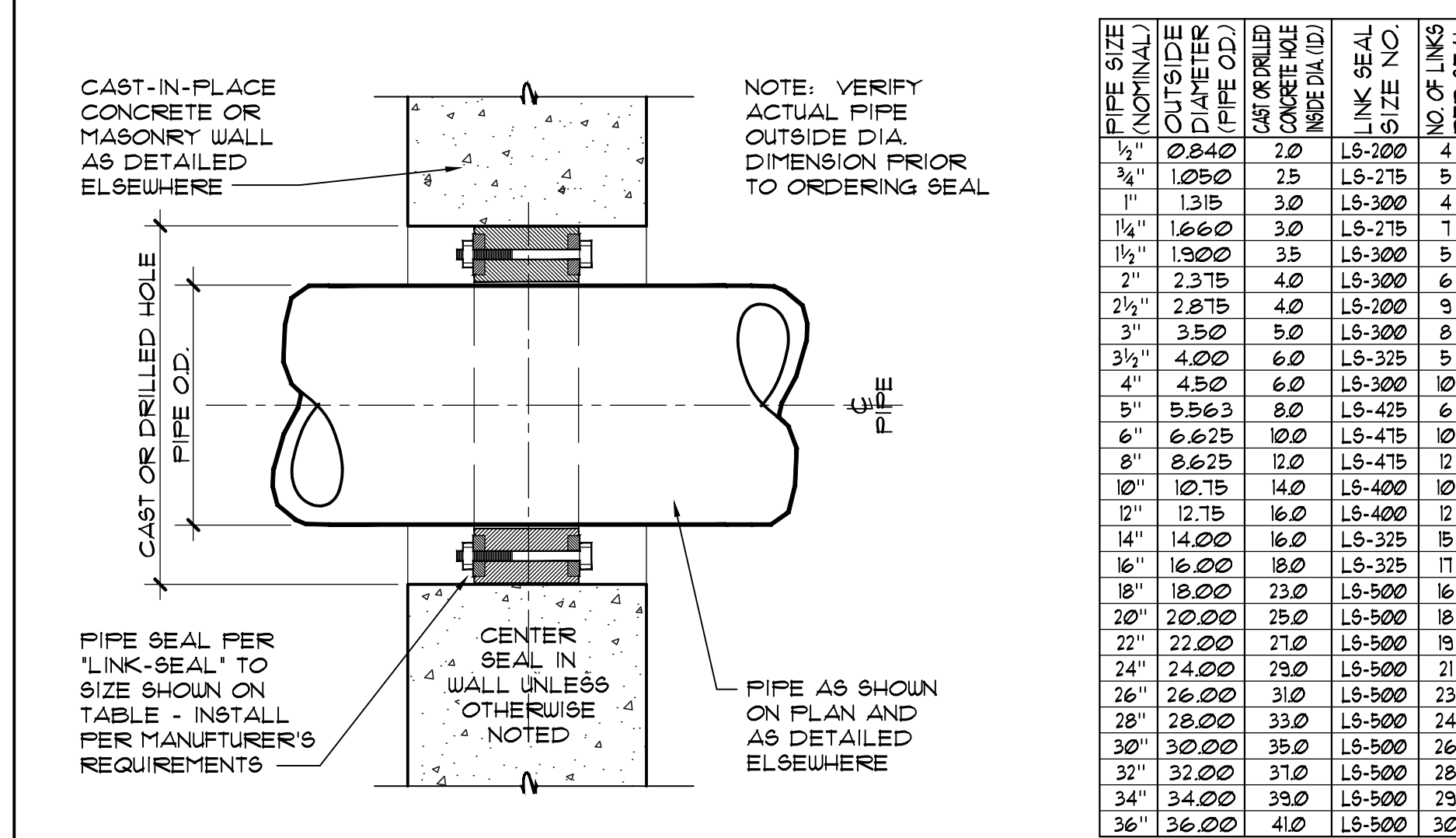
4 TYPICAL EYEWASH/SHOWER DETAIL NO SCALE



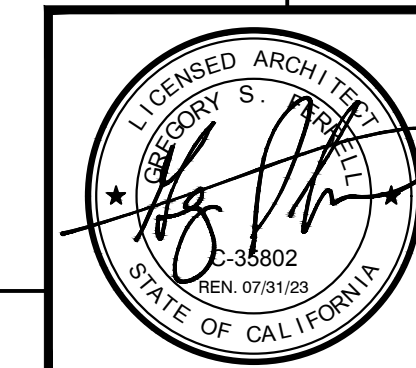
5 FILTER INTERFACE SYSTEM 1/2" = 1'-0"



6 TYPICAL MECHANICAL PAD 1/2" = 1'-0"



7 PIPE SEAL TO WALL / FLOOR NO SCALE



Revision No.	Description	Date	By	Aprvd. By

2226 Faraday Ave, Carlsbad, CA 92008
 AquaticDesignGroup.com
 760.438.8400

12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderrassociates.com

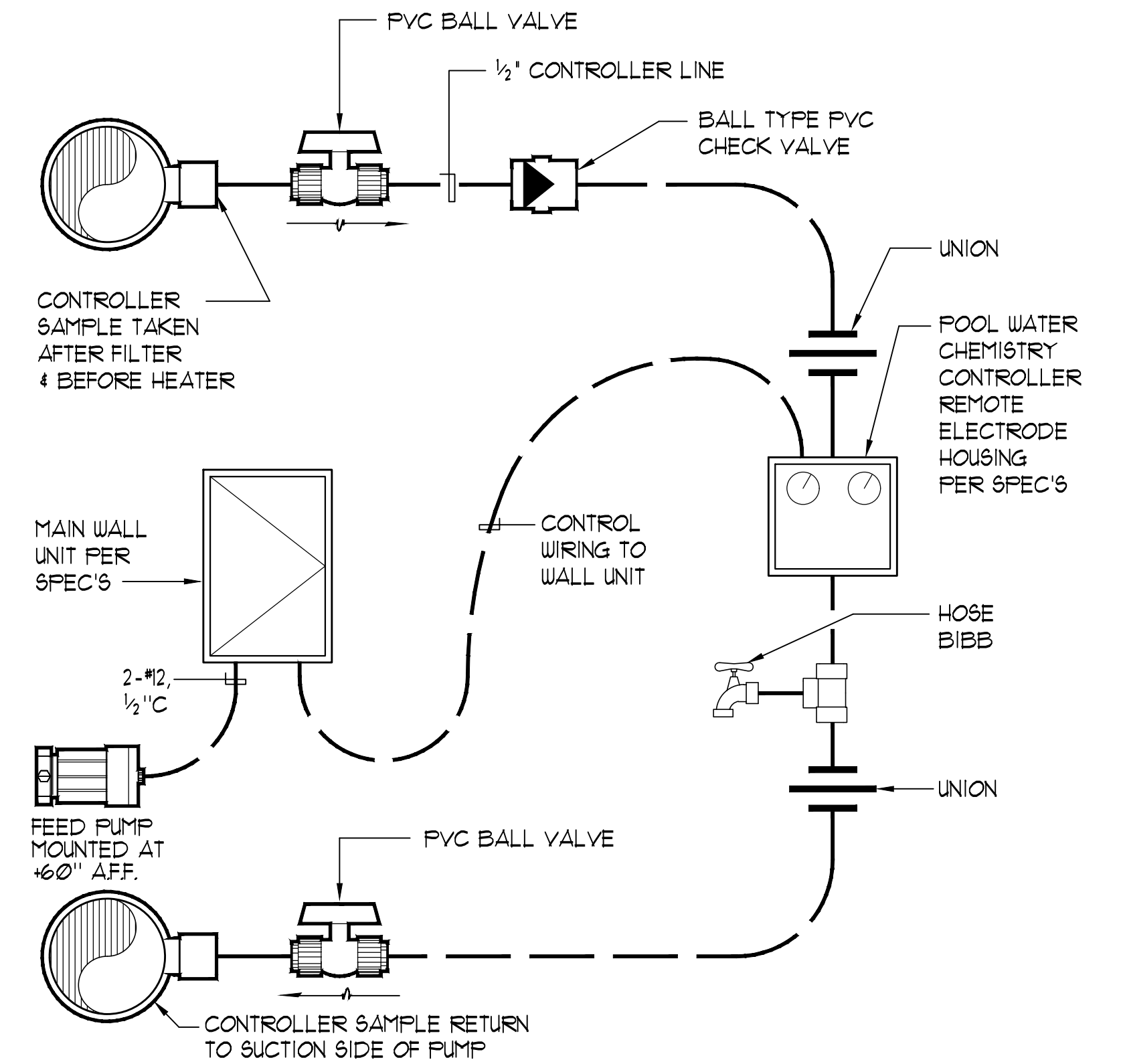
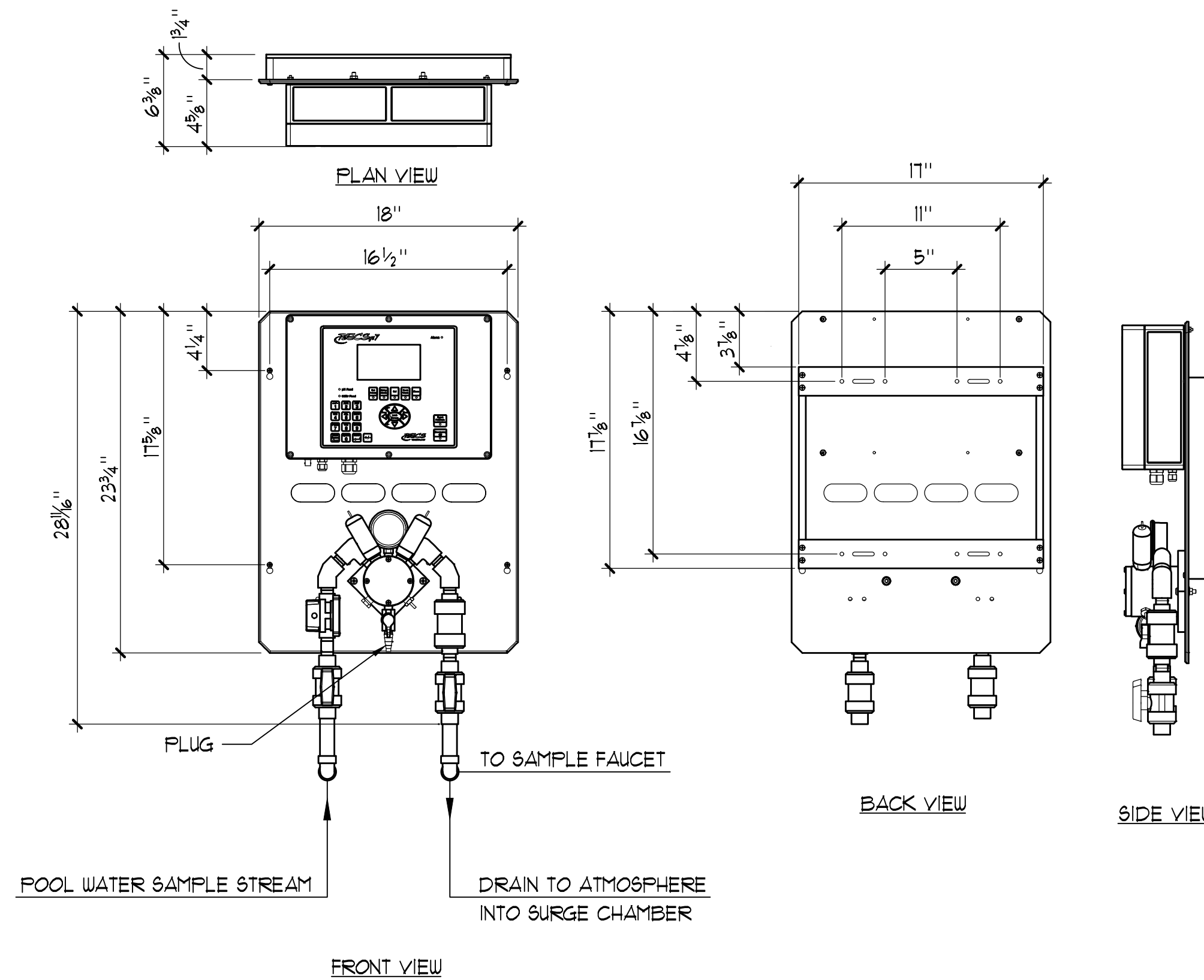
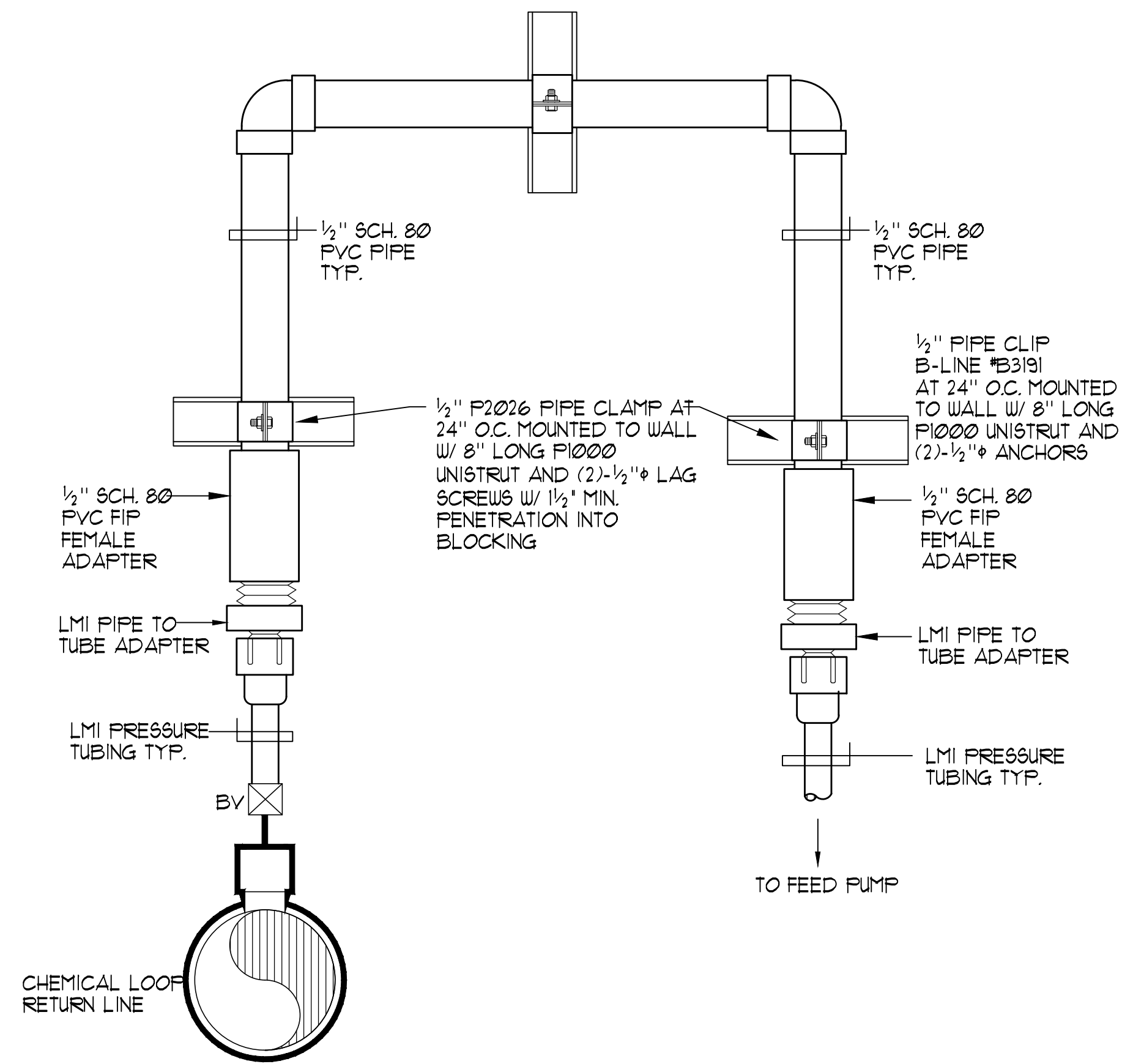
July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

DETAILS

SCALE		APPROVED BY:		SHEET NO.
DESIGNED BY	GSF	DATE		MR-3
DRAWN BY	MMV			111 OF 162 SHTS
CHECKED BY	GSF	CITY ENGINEER		
RECORD DWGS.		STOCKTON, CALIFORNIA		PROJECT NO.

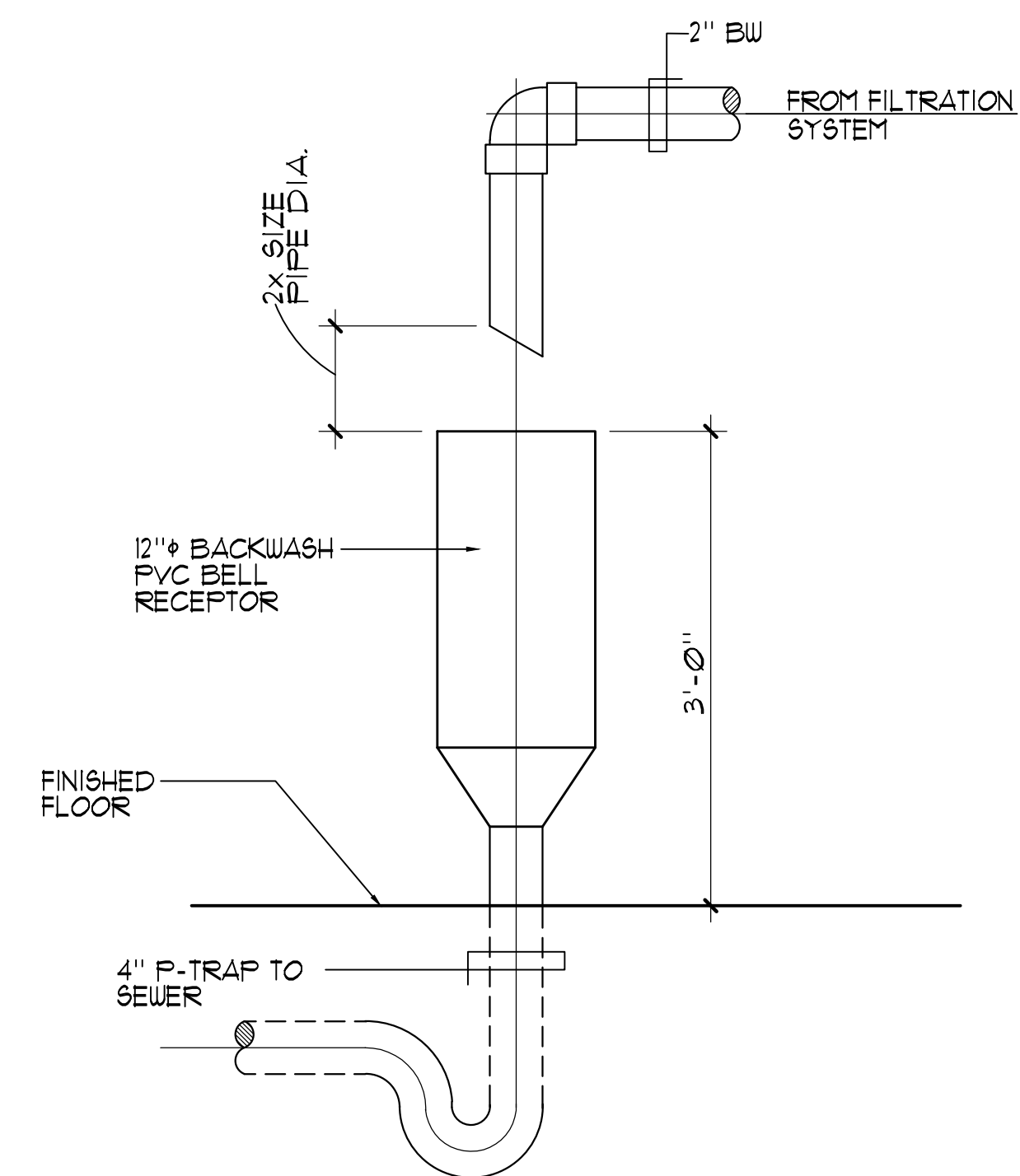
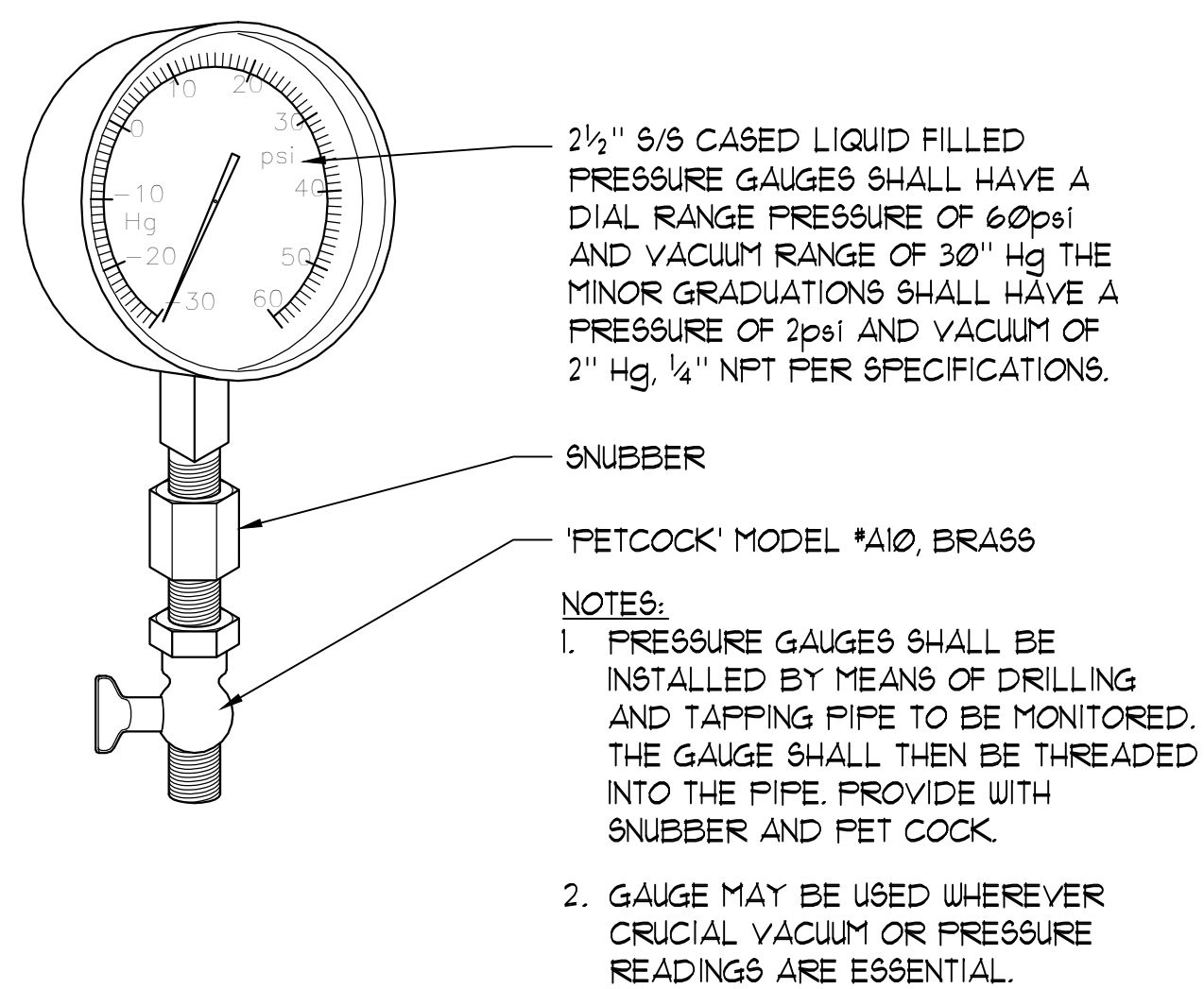
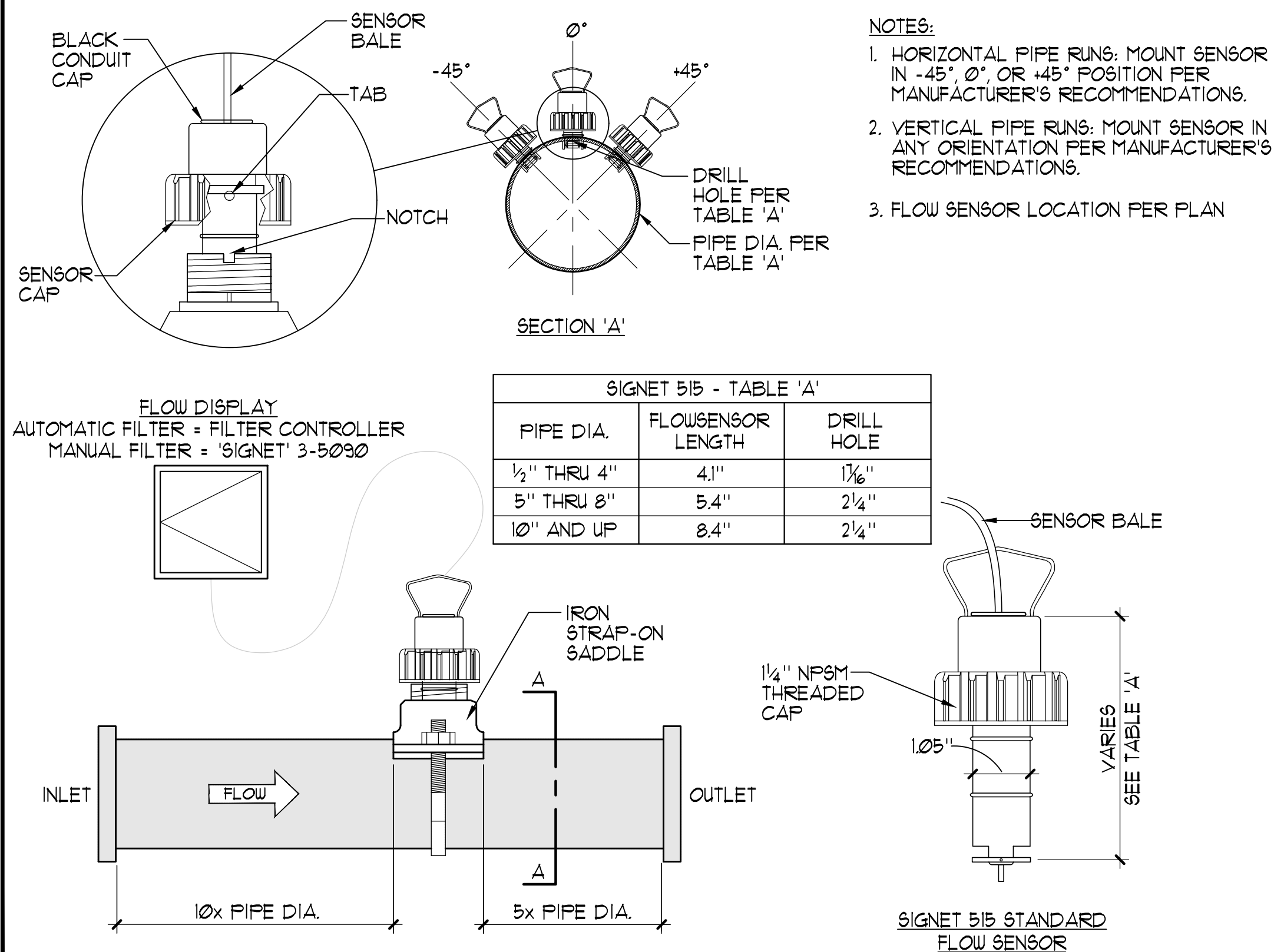
File Path: \\P:\Drawings\Renovation\AQUATIC\Pool\Pool\MCKINLEY_PARK\DETAILS.dwg Plot Date: 11/17/22 Saved By: Gbentley
 Copyright © 2020 Callander Associates, All Rights Reserved.



1 CHEMICAL FEED PIPING DETAIL NO SCALE

2 WATER CHEMISTRY CONTROLLER 1 1/2"=1'-0"

3 WATER CHEMISTRY CONTROLLER SCHEMATIC NO SCALE



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com

July 15, 2022 CALA PROJECT NO. 21013

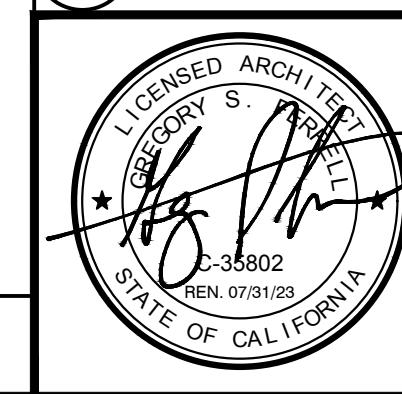
MCKINLEY PARK AND POOL RENOVATION
DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	GSP	DATE	MR-4
DRAWN BY	NMV		112 OF 162 SHTS
CHECKED BY	GSP	CITY ENGINEER	PROJECT NO.
RECORD DWGS.		STOCKTON, CALIFORNIA	

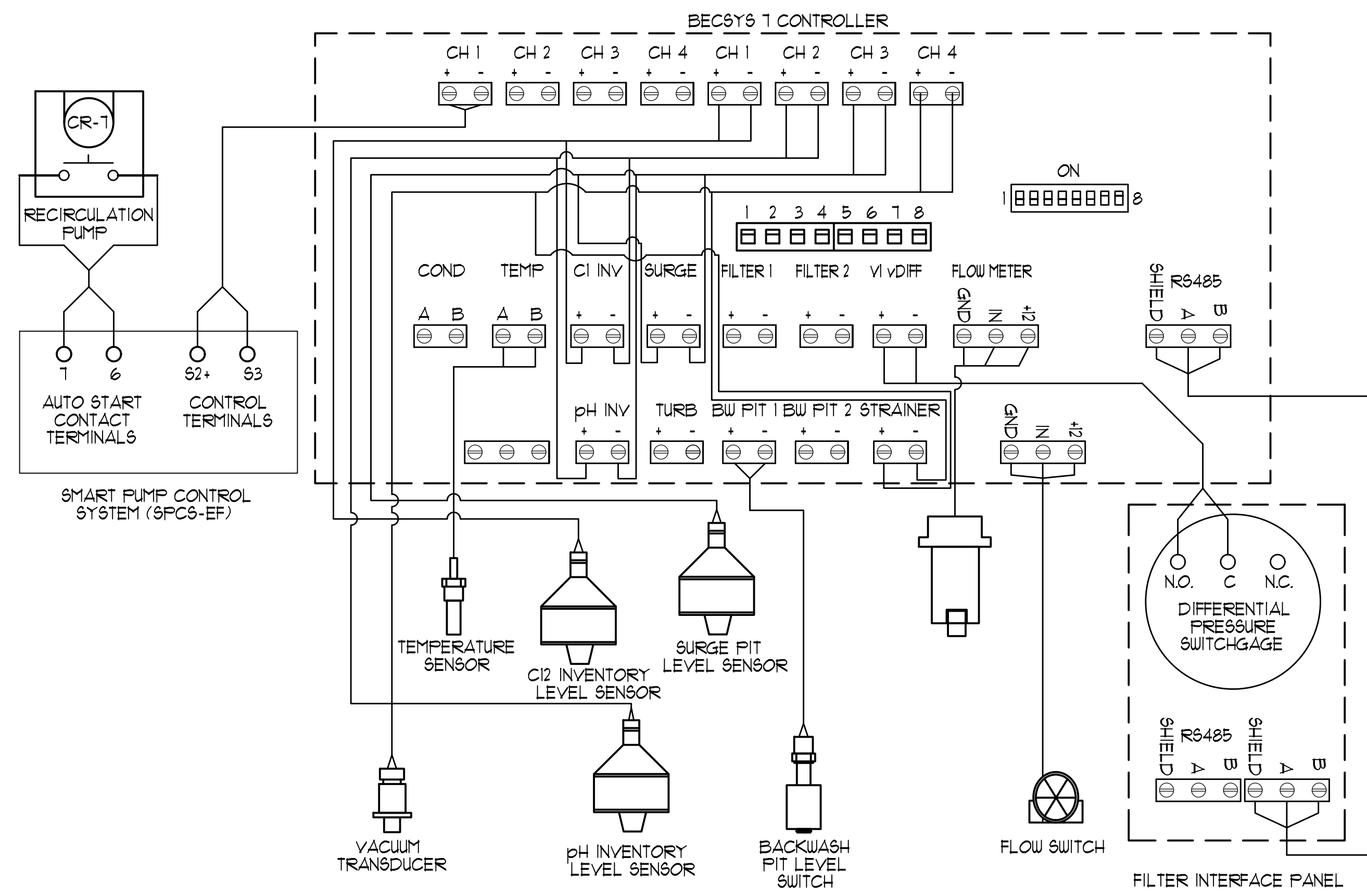
6 BELL RECEPTOR DETAIL REVIEW SET

Revision No.	Description	Date	By	Aprvd. By



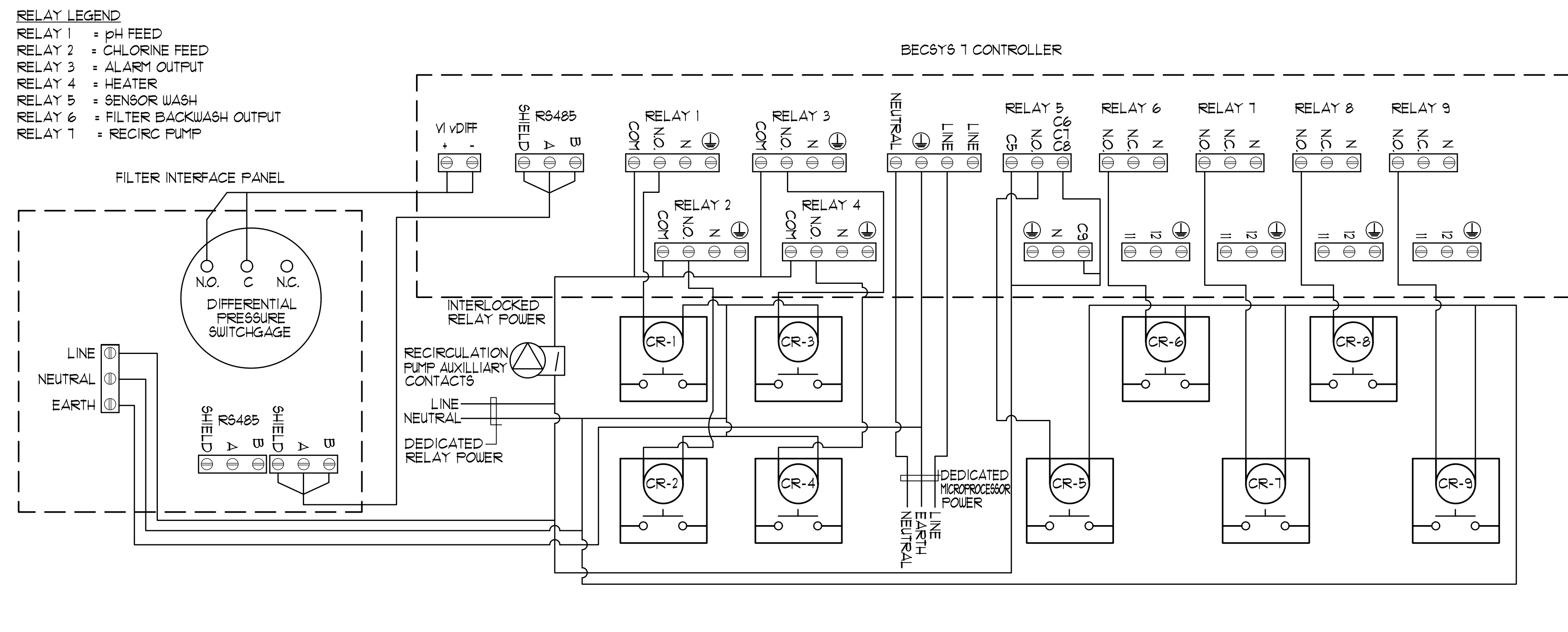
4 SIGNET FLOWMETER NO SCALE

5 PRESSURE/ VACUUM GAUGE 6"=1'-0"



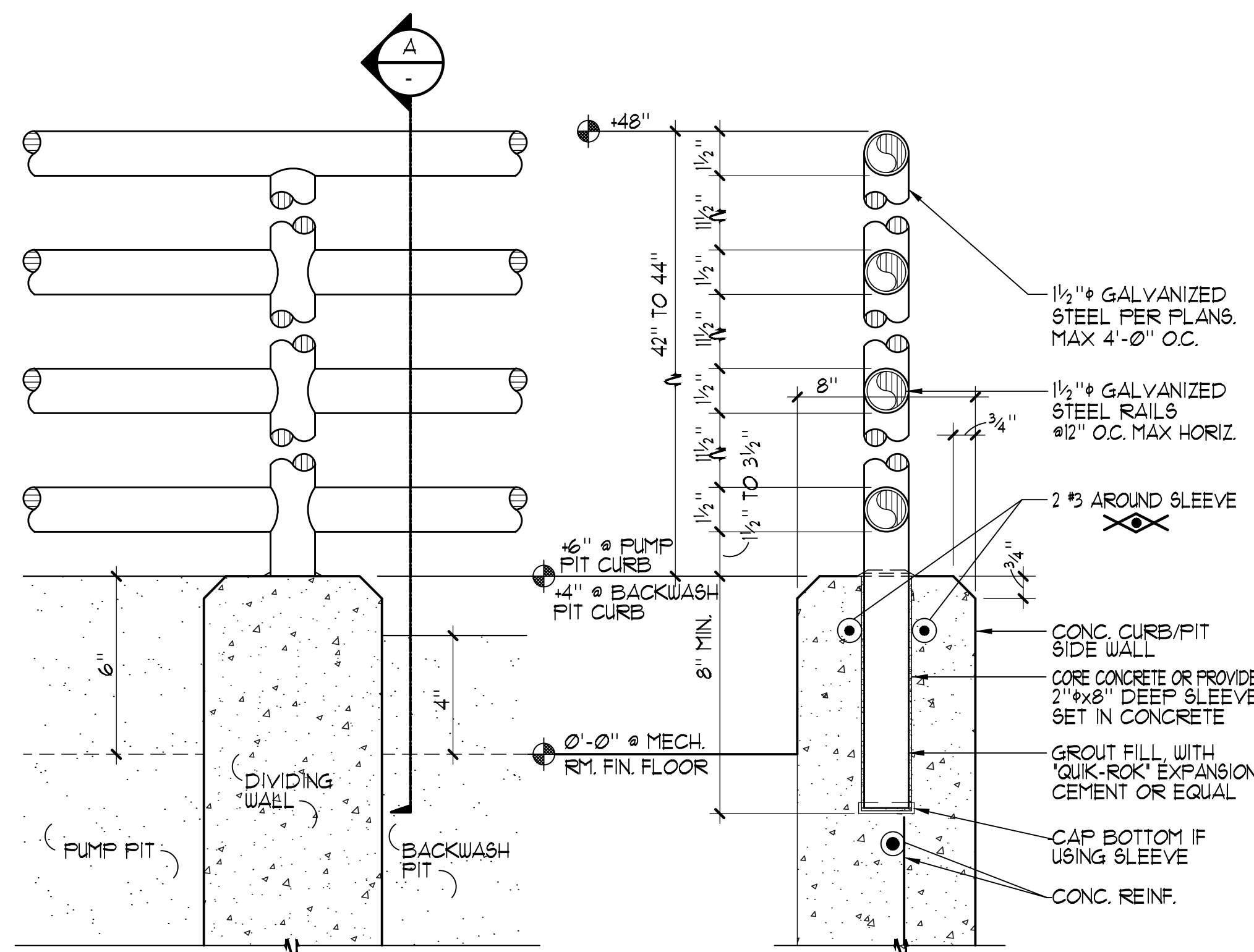
1 WATER CHEMISTRY CONTROLLER RELAY INPUTS

NO SCALE



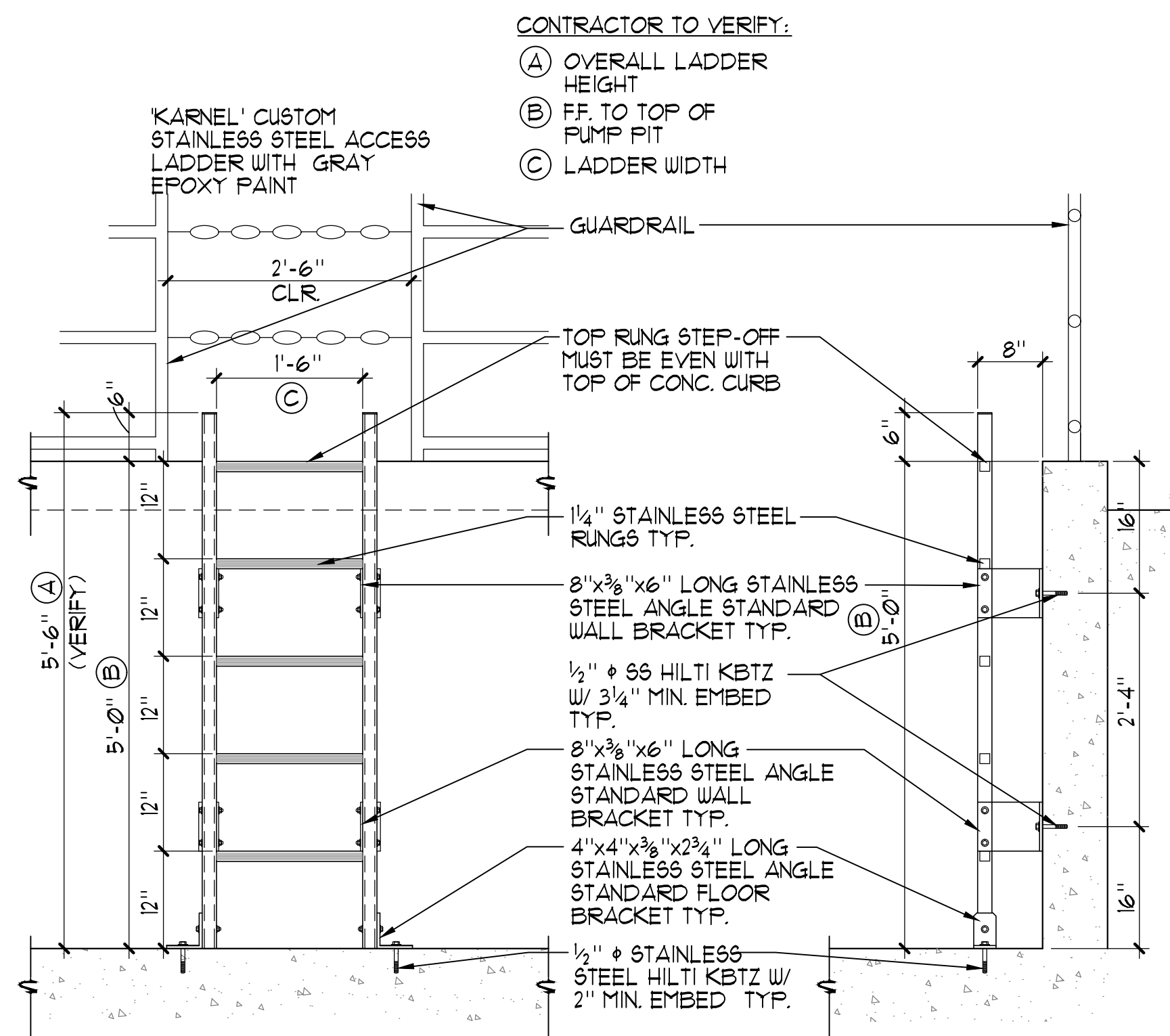
2 WATER CHEMISTRY CONTROLLER RELAY OUTPUTS

NO SCALE



ELEVATION AT PIT DIVIDING WALL

A GUARD RAIL SECTION



1 FRONT ELEVATION

2 SIDE ELEVATION

4 PUMP PIT ACCESS LADDER

3/4" = 1' - 0"

File Path: \\A:\Drawings\Renovation\AQUATIC\Pool\Pool\AC\AQUATIC - DETAILS.dwg Plot Date: 11/19/22 Saved By: Glemad
 Copyright © 2020 Calander Associates, Inc.

3 PIT GUARD RAIL

3" = 1' - 0"

CONTRACTOR TO VERIFY:

- (A) OVERALL LADDER HEIGHT
- (B) FF. TO TOP OF PUMP PIT
- (C) LADDER WIDTH

KARNEL: CUSTOM STAINLESS STEEL ACCESS LADDER WITH GRAY EPOXY PAINT



2226 Faraday Ave, Carlsbad, CA 92008
 AquaticDesignGroup.com
 760.438.8400



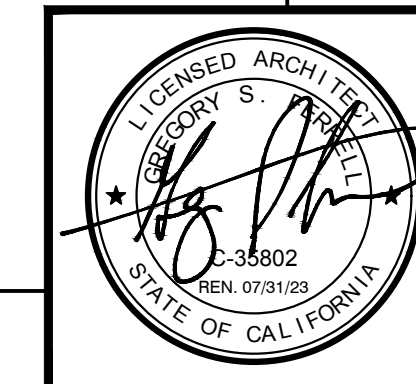
CALA 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

DETAILS

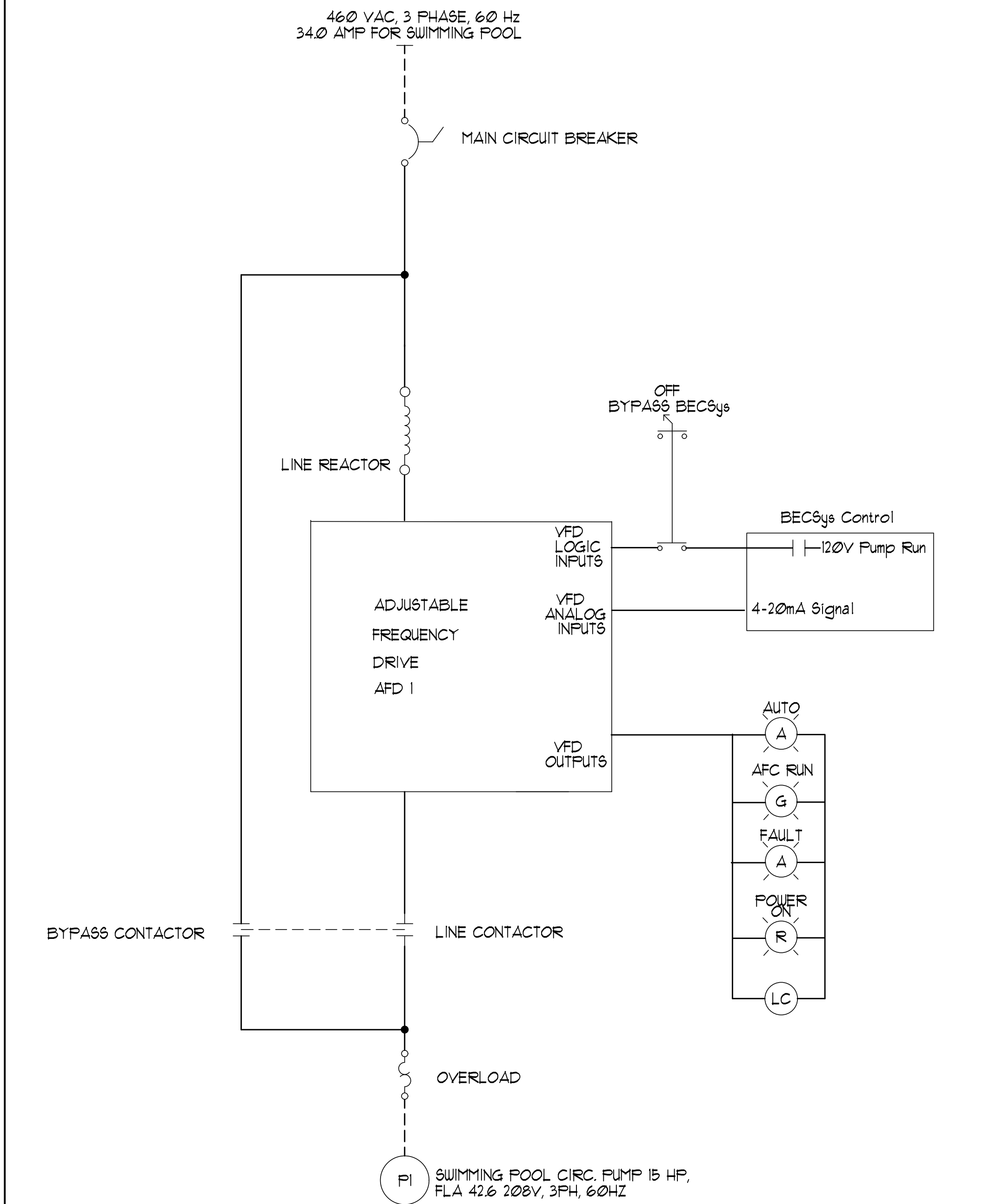
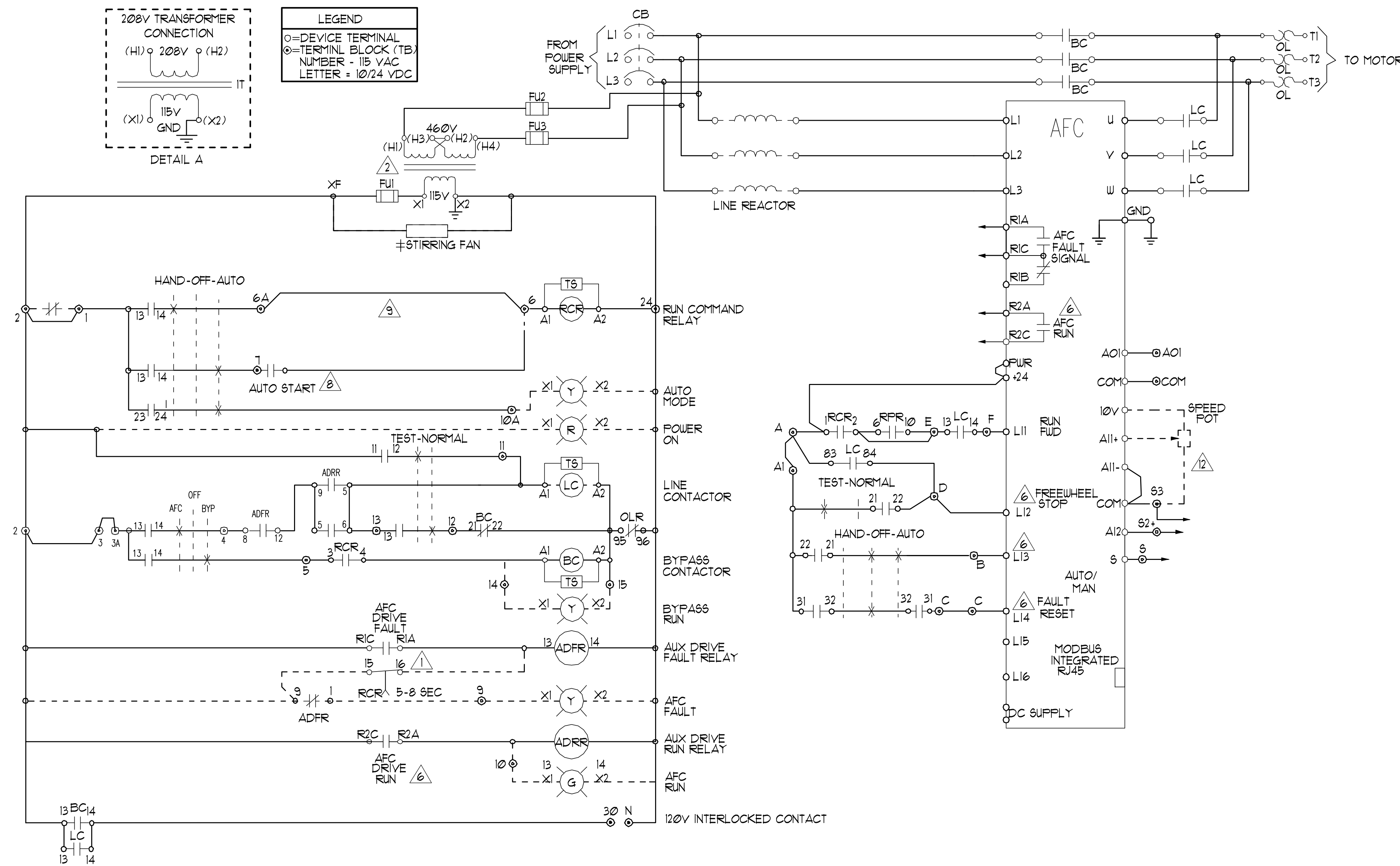
PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By



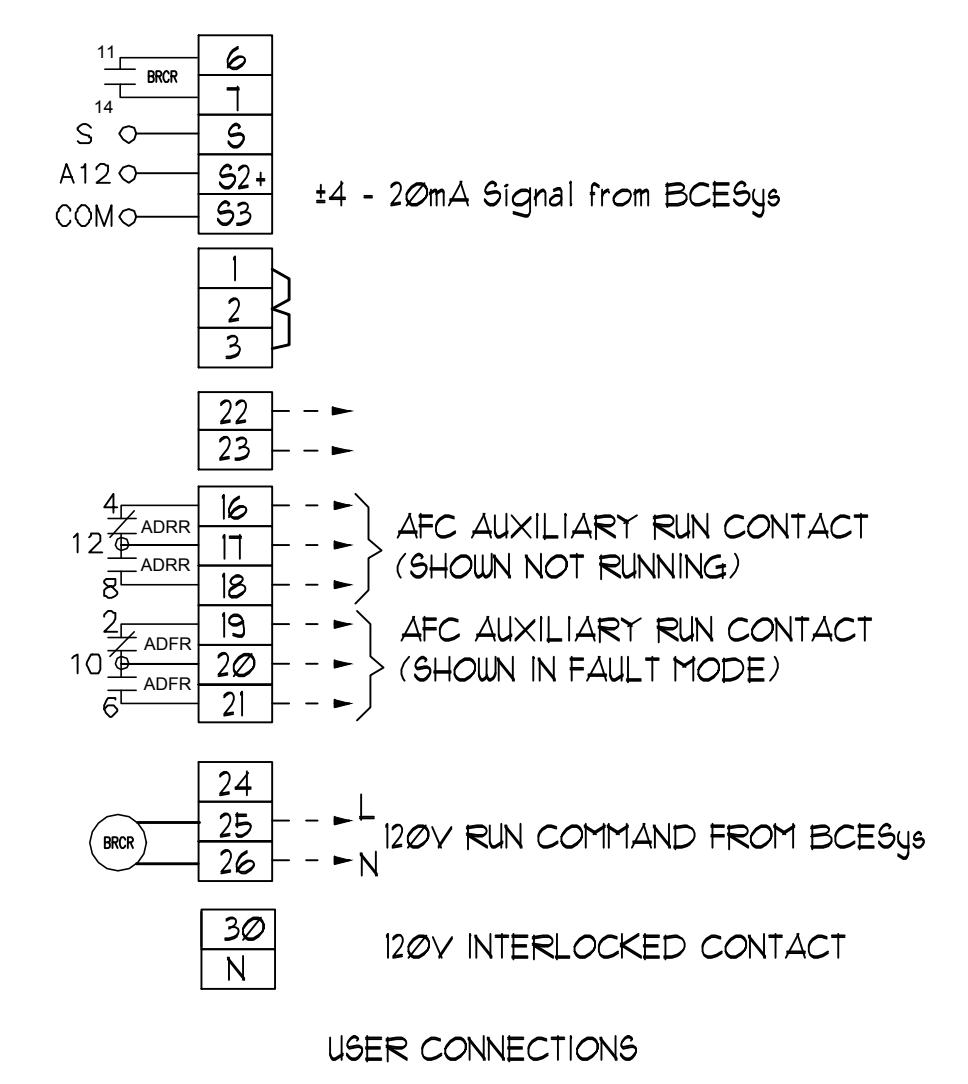
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY GSF	DATE
DRAWN BY NMV	CITY ENGINEER
CHECKED BY GSF	STOCKTON, CALIFORNIA
RECORD DWGS.	PROJECT NO.

SHEET NO. MR-5
 113 OF 162 SHTS



EKO-FLEX ATV61 FACTORY CONFIGURATION					
MENU	No	SUB-MENU	DESCRIPTION	CODE	ADJ.
SIM	11	----	2/3 WIRE CONTROL	tCC	2C
SIM	11	----	PUMPS FANS	CFG	PrF
SIM	11	----	STANDARD MOT. FREQ (HZ)	bFr	60
SIM	11	----	ACCELERATION (SEC)	ACC	10
SIM	11	----	DECELERATION (SEC)	dEC	10
SIM	11	----	LOW SPEED (HZ)	LSP	3
SIM	13	----	SWITCHING FREQ. (HZ)	Sr	8
I - O	15	----	2 WIRE TYPE	tCt	LEL
I - O	15	A12 CONFIG.	A12 MIN. VALUE (mA)	Cr12	4
I - O	15	R2 CONFIG.	R2 ASSIGN - DRIVE RUNNING	r2C	rUn
CtL	16	----	REF. 1 CHAN	FRI	HM1
CtL	16	----		FRI	All
CtL	16	----	PROFILE	CHCF	SEP
FUn	17	STOP CONFIG.	FREEWHEEL STOP ASSIGN	rSt	L12
FUn	17	REFERENCE SWITCH	REF. 1B SWITCHING	rCb	L13
FUn	17	REFERENCE SWITCH	REF. 1B CHAN	rIb	A12
FLt	18	FAULT RESET	FAULT RESET	rSF	L14
FLt	18	CATCH ON THE FLY	CATCH ON THE FLY	FLR	YES
FLt	18	OUTPUT PHASE LOSS	OUTPHASE LOSS	FDL	NO
COM	19	FORCED LOCAL	FORCED LOCAL ASSIGN.	FLt	L14

DESCRIPTION	TYPE 1	TYPE 12K	TYPE 3R
± STIRRING FANS	10-100 HP 460V, 15-50HP 208/230V	10-100 HP 460V, 15-50HP 208/230V	NA
± VENTILATION FAN	NA	NA	ALL HP
± SPACE HEATER	NA	NA	ALL HP



- NOTES:
- ① RCR TIMED CONTACT USED ONLY IF LINE CONTACTOR IS SUPPLIED
 - ② CONTROL TRANSFORMER SHOWN FOR 460V PRIMARY. FOR 230V PRIMARY, JUMPER H2-H3
 - ③ PROGRAMMED I/O SEE CONTROLLER FUNCTION CONFIGURATION TABLE.
 - ④ BECSys RUN COMMAND RELAY (BRCR)
 - ⑤ JUMPER USED WHEN START-STOP PUSH BUTTONS NOT USED.

2 'SPCS' EKO-FLEX SINGLE LINE DIAGRAM NO SCALE



July 15, 2022 CALA PROJECT NO. 21013

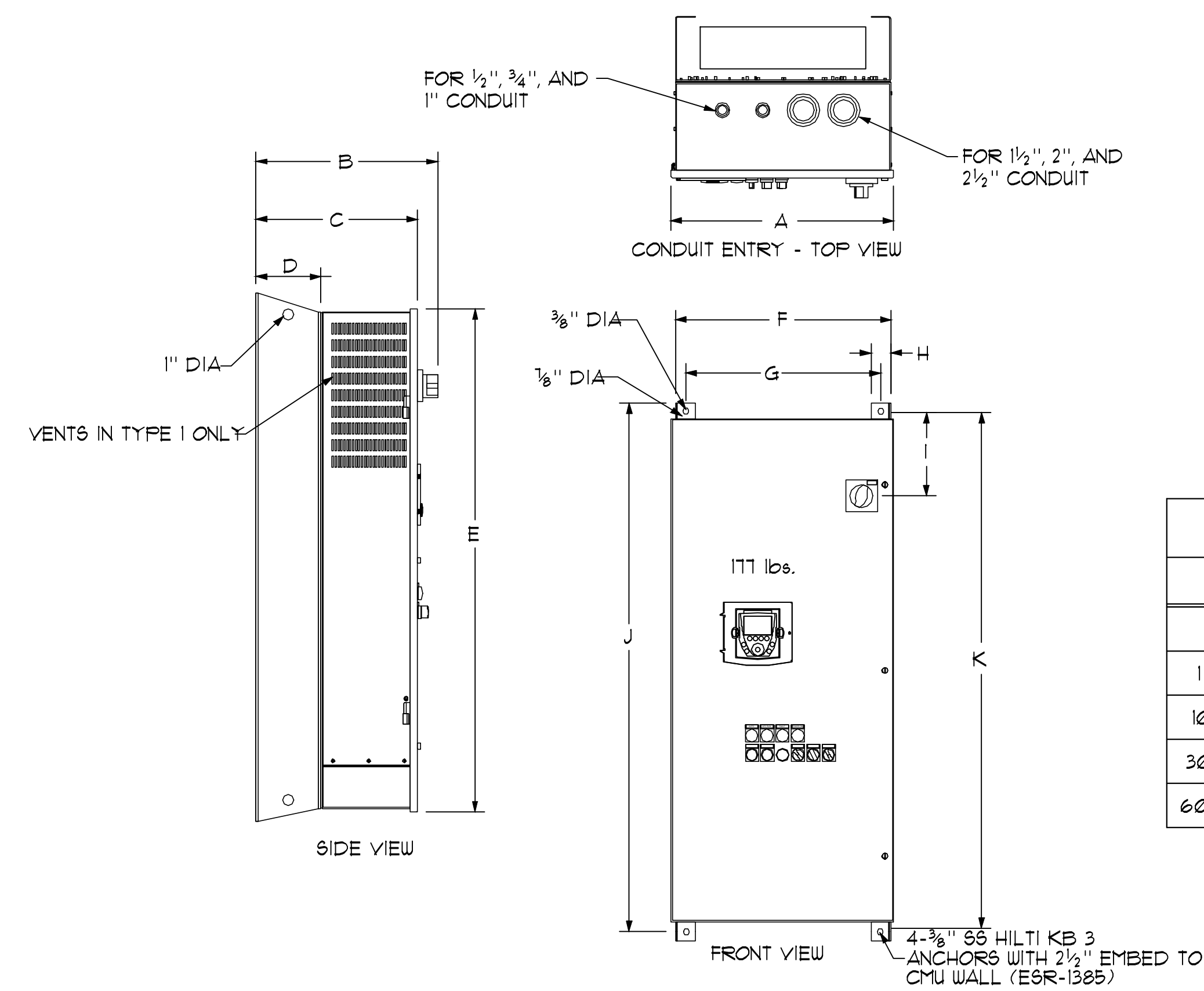
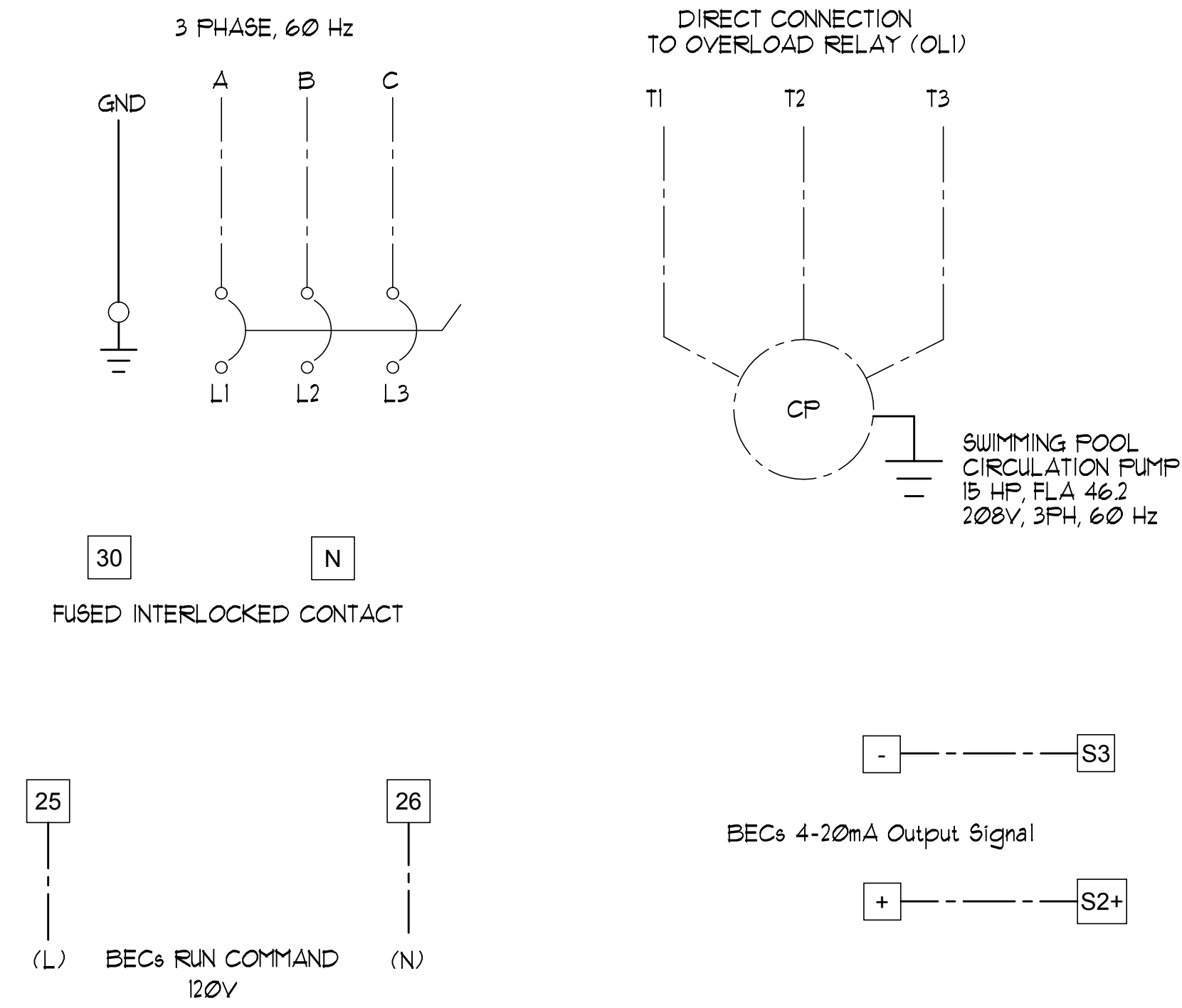
MCKINLEY PARK AND POOL RENOVATION DETAILS

Revision No.	Description	Date	By	Aprvd. By

SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY GSF	DATE	MR-6
DRAWN BY NMV	CITY ENGINEER	114 OF 162 SHEETS
CHECKED BY GSF	STOCKTON, CALIFORNIA	PROJECT NO.
RECORD DWGS.		

File Path: H:\Drawings\Brennan_Aquatic\McKinley Park Pool\ACU\046 - DETAILS.dwg Plot Date: 11/20/22 Saved By: GJL
 Copyright © 2020 Schneider Electric. All rights reserved.

1 'SPCS' EKO-FLEX VARIABLE FREQUENCY DRIVE SYSTEM SCHEMATIC NO SCALE

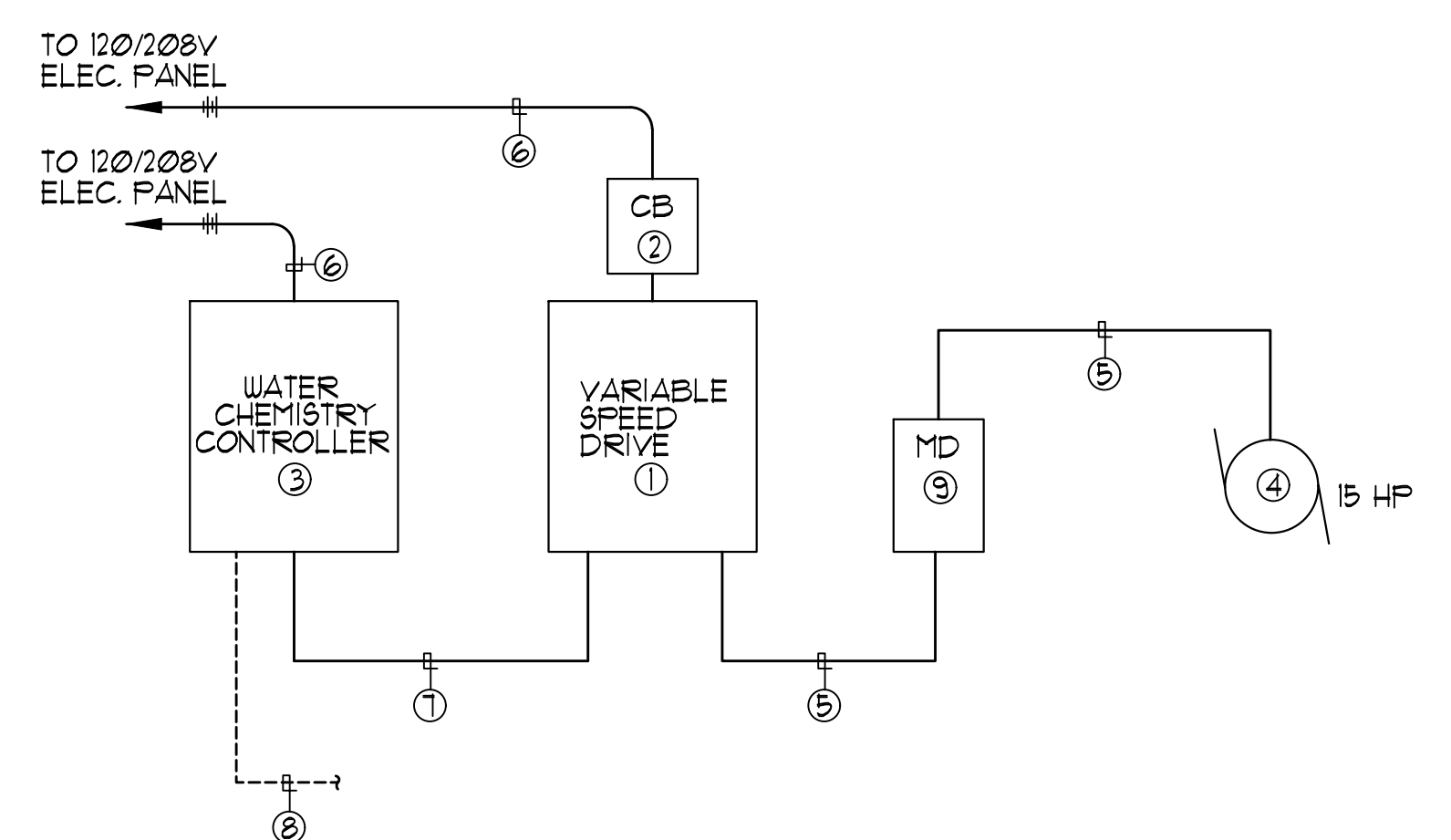


'SPCS' EKO-FLEX SIZING TABLE

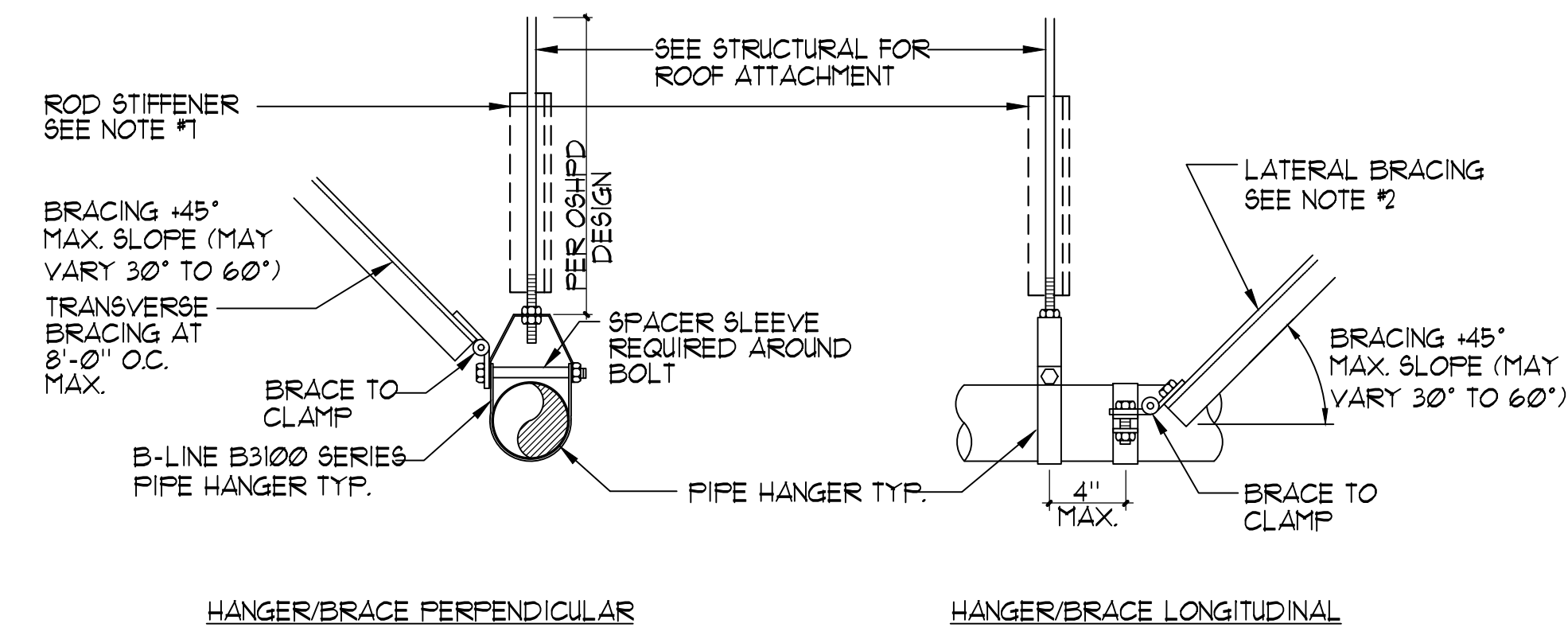
HP	HP	WEIGHT	DIMENSIONS													
			A	B	C	D	E	F	G	H	I	J	K			
460V	208/230V	LEBS														
1 TO 1.5	1 TO 5	83	14.76"	13.93"	12.08"	3.01"	37.38"	14.25"	12.30"	1.86"	6.11"	35.00"	33.75"			
10 TO 25	7.5 TO 10	126	20.00"	13.93"	12.08"	3.01"	38.38"	19.49"	17.54"	1.86"	7.65"	41.00"	39.75"			
30 TO 50	15 TO 25	171	20.65"	16.83"	14.83"	6.00"	46.64"	20.00"	18.04"	1.86"	7.75"	49.02"	47.83"			
60 TO 100	30 TO 50	211	25.65"	16.83"	14.98"	6.00"	60.38"	25.00"	23.04"	1.86"	15.52"	63.00"	61.81"			

1 'SPCS' EKO-FLEX FIELD CONNECTION DIAGRAM NO SCALE

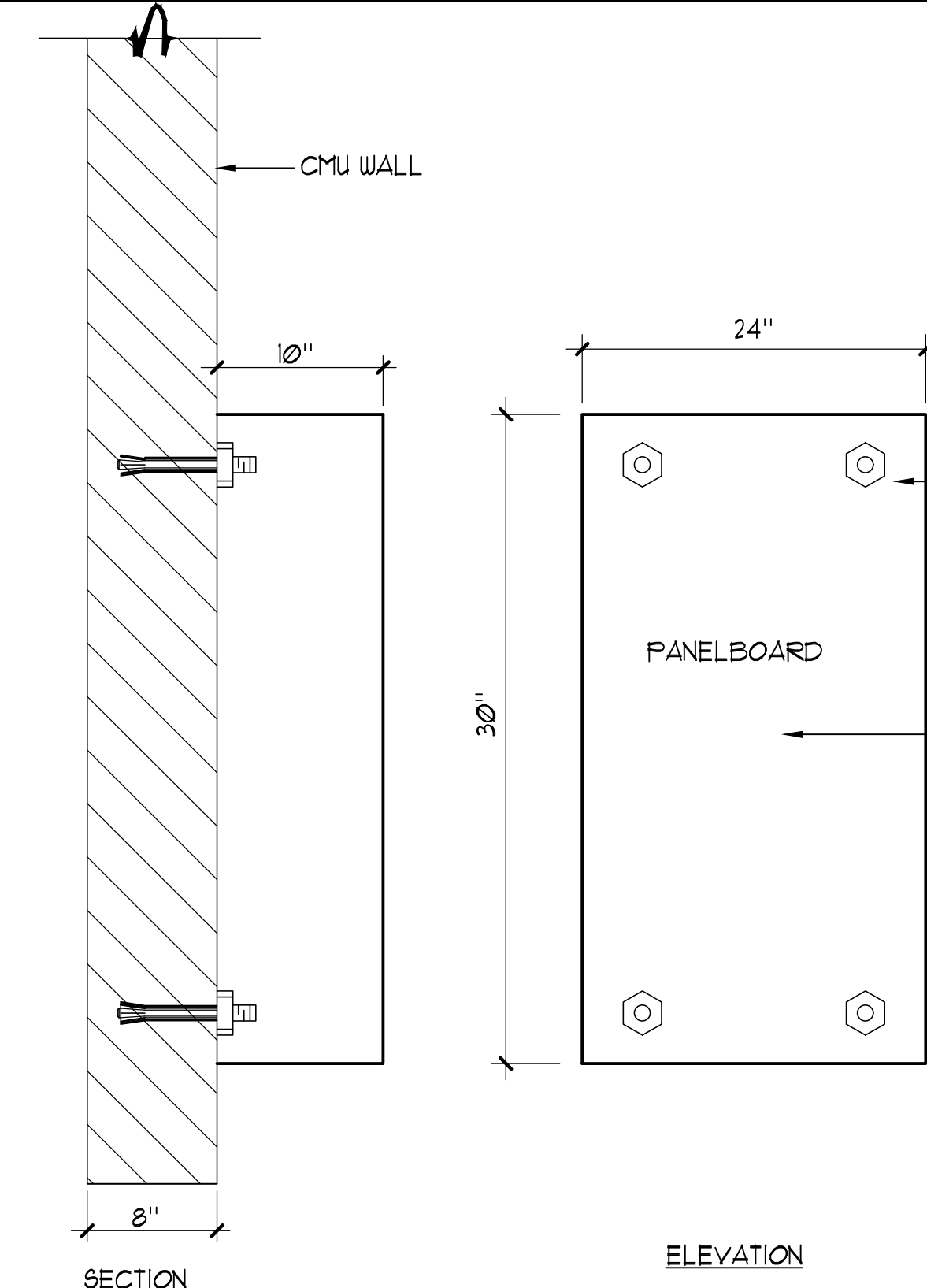
2 'SPCS' EKO-FLEX ENCLOSURE DIMENSIONS NO SCALE



- NOTES:**
- VARIABLE SPEED DRIVE MOTOR CONTROL CABINET, SEE PLANS AND SPECIFICATIONS.
 - ENCLOSED CIRCUIT BREAKER, SEE SINGLE LINE DIAGRAM.
 - WATER CHEMISTRY/FILTER CONTROL UNIT, SEE PLANS.
 - CONNECT TO CIRCULATION PUMP MOTOR, SEE PLANS.
 - MOTOR FEEDERS, SEE SINGLE LINE DIAGRAM.
 - 120 VOLT BRANCH CIRCUITS, SEE PLANS.
 - 3/4" C, (4) #12, (1) #12 GND. (120 VOLT CONTROL WIRING)
 - 24 V SIGNAL AND SENSOR CABLING, SEE SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ADDITIONAL REQUIREMENTS.
 - MOTOR DISCONNECT, SEE PLANS.



- HANGER ROD SIZES/TABLE**
- 3/8" φ AT 2" PIPING MAX. ROD LENGTH = SEE OPM DESIGN
 - 3/8" φ AT 4" PIPING MAX. ROD LENGTH = SEE OPM DESIGN
 - 3/4" φ AT 6" PIPING MAX. ROD LENGTH = SEE OPM DESIGN
 - 3/4" φ AT 8" PIPING MAX. ROD LENGTH = SEE OPM DESIGN
 - 3/4" φ AT 10" PIPING MAX. ROD LENGTH = SEE OPM DESIGN
- MAX. PIPE HANGER SPACING**
- 4" PIPING OR SMALLER = 6'-0" O.C.
 - 6" PIPING = 6'-0" O.C.
 - 8" PIPING = 6'-0" O.C.
 - 10" PIPING = 4'-0" O.C.
- NOTES:**
- REFER TO OSHPD (OPM #0043-13 & #0052-13) FOR PIPE HANGER HARDWARE & INSTALLATION. INSTALLATION SHALL SATISFY ANCHORAGE REQUIREMENTS OF ACI 318 CHAPTER 17.
 - PROVIDE BRACING FOR EACH PIPE RUN IN TWO DIRECTIONS. AT EACH CHANGE OF DIRECTION OF PLUMBING AND MID LENGTHS SPAN NO GREATER THAN 12'-0".
 - REFER TO STRUCTURAL DETAIL FOR CONNECTIONS TO ROOF STRUCTURAL SYSTEMS.
 - REFER TO STRUCTURAL PLANS FOR TYPICAL DIAGONAL BRACE ATTACHMENT.
 - FOR COPPER TUBING USE COPPER PLATED OR PAINTED B3104CT, FELT LINED B3100F, OR PLASTIC COATED B3100C.
 - REFER TO MRI FOR PIPE HANGER LOCATIONS.
 - PROVIDE ROD STIFFENER WHEN BRACING IS USED OR WHERE ROD LENGTHS EXCEED 3', SEE OPM DESIGN



AQUATIC DESIGN GROUP
 2226 Faraday Ave, Carlsbad, CA 92008
 AquaticDesignGroup.com
 760.438.8400

CALL BEFORE YOU DIG
 800-642-2444

CALE
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com

July 15, 2022 CALE PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION
 DETAILS

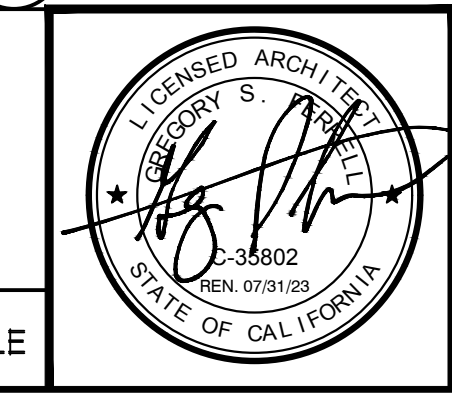
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. MR-7
DESIGNED BY GSF	DRAWN BY NMV	CHECKED BY GSF	CITY ENGINEER STOCKTON, CALIFORNIA	115 OF 162 SHTS
RECORD DWGS.				PROJECT NO.

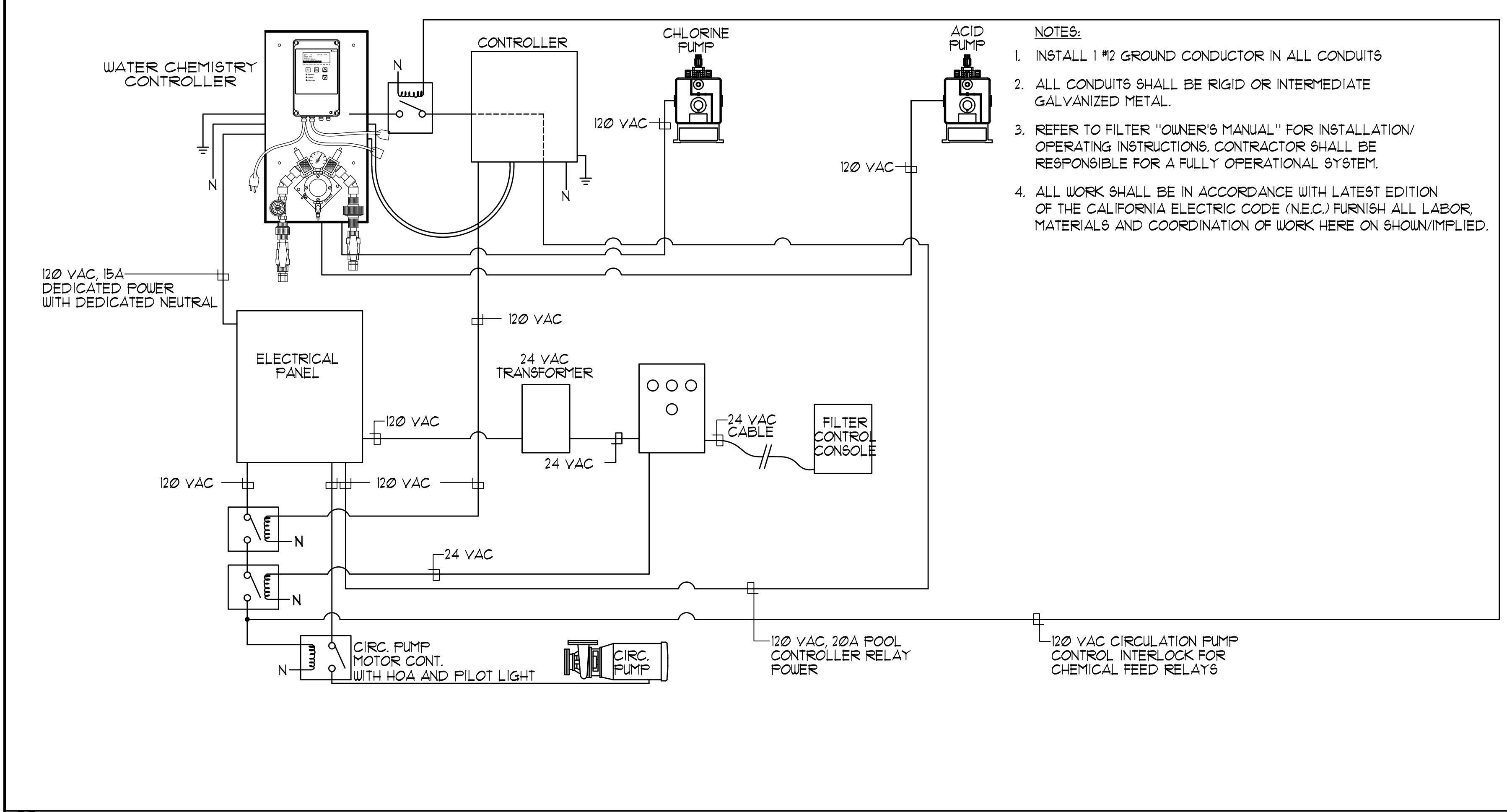
3 TYPICAL WIRING SCHEMATIC AT SPCS UNIT NO SCALE

4 'UNISTRUT' PIPING HANGER/SUPPORT DETAILS NO SCALE

5 PANELBOARD MOUNTING DETAIL SET

Revision No.	Description	Date	By	Aprvd. By





DESIGNATION: **'SP'** VOLTAGE: 120/208V 3PH 4W LOCATION: MECHANICAL EQUIP. RM.
 200 AMP MAIN BREAKER MAIN LUG MINIMUM DEVICE 10,000 PANELBOARD KEY NOTES
 RECESSED SURFACE A.I.C. RATING 14,000

DESCRIPTION:	C/B NO.	φ A	φ B	φ C	C/B NO.	DESCRIPTION:
SP FILTER AFC	1	1200			2	SP CIRC PUMP
SP PRESSURE AMP	3	1200			4	15 HP
SP WATER CHEM CONTROL	5	5544			6	↓
SP WATER CHEM RELAY	7	360			8	CHLORINE FEED
SP CIRC PUMP INTERCONN.	9	720			10	ACID FEED
SP CIRC PUMP MTR CONTROL	11				12	↓
SPARE	13	1440			14	SPARE SPACE
SP FILTER PRIORITY	15				16	↓
SPARE	17				18	
SPACE	19				20	
	21				22	
	23				24	
	25				26	
	27				28	
	29				30	
	31				32	
	33				34	
	35				36	
	37				38	
	39				40	
	41				42	
TOTAL PER PHASE		9,264	8,544	8,544		10,650 ÷ 120v = 89 AMPS
+ 25% L.C.L.		1,386	1,386	2,046		
TOTAL		10,650	9,930	10,590		

① GFI CIRCUIT SP = SWIMMING POOL

1 POOL MECHANICAL ELECTRICAL INTERCONNECTION DIAGRAM NO SCALE

2 PANEL SCHEDULE

CHEMICAL CLASSIFICATION TABLE										
COMMON NAME	CHEMICAL NAME	% COMP.	CAS #	FORM	QUANT. STORED (NOT USED)	QUANT. IN USE (USE-CLOSED)	MAXIMUM ALLOWABLE QUANTITY	LOCATION (STORAGE & USE)	HAZ CLASSES	JUSTIFICATION
SODIUM HYPOCHLORITE	SODIUM HYPOCHLORITE	12.5%	7681-52-9	LIQUID	0 GAL.	500 GAL.	500 GAL.	CHEM. ENCLOSURE	IRRITANT LIQUID	MSDS
MURIATIC ACID	HYDROCHLORIC ACID	25%	7647-01-0	LIQUID	0 GAL.	350 GAL.	500 GAL.	CHEM. ENCLOSURE	CORROSIVE LIQUID	MSDS

QUANTITIES OF CHEMICALS DO NOT EXCEED THE QUANTITIES LISTED IN CFC TABLE 5003.1(4) AND CBC TABLES 307.1 (1) AND 307.1 (2).

LEGEND

SODIUM HYPOCHLORITE

MURIATIC ACID

RATING EXPLANATION GUIDE				
RATING	HEALTH HAZARD	FLAMMABILITY HAZARD	REACTIVITY HAZARD	SPECIFIC HAZARD
4	CAN BE LETHAL	EXTREMELY FLAMMABLE. IGNITES AT BELOW 73° F.	MAY EXPLODE AT NORMAL TEMPERATURES AND PRESSURES	OXIDIZER: OX ACID: ACID
3	CAN CAUSE SERIOUS OR PERMANENT INJURY	IGNITES AT ABOVE 73° F. BELOW 100° F.	MAY EXPLODE AT HIGH TEMPERATURES OR SHOCK	CORROSIVE: COR
2	CAN CAUSE TEMPORARY INCAPACITATION OR RESIDUAL INJURY	IGNITES AT ABOVE 100° F. BELOW 200° F.	VIOLENT CHEMICAL CHANGE AT HIGH TEMPERATURES OR PRESSURES	ALKALI: ALK USE NO WATER: -W
1	CAN CAUSE SIGNIFICANT IRRITATION	IGNITES AT ABOVE 200° F.	NORMALLY STABLE. HIGH TEMPERATURES MAKE UNSTABLE	RADIATION HAZARDS: ☸ POLYMERIZES: P
0	NO HAZARD	WILL NOT BURN	STABLE	

NOTES:

- CONFIRM SIGNAGE WITH LOCAL FIRE MARSHALL AND/OR BUILDING CODES PRIOR TO INSTALLATION. SIGNS SHALL CONFORM TO NFPA 704.
- SIGNS SHALL BE SIZES AND COLORS PER CODE MOUNTED AT 40" AFF. ON DOORS AT CHEMICAL ROOMS.

3 HAZARDOUS INFORMATION SIGNAGE NO SCALE

2226 Faraday Ave. Carlsbad, CA 92008
AquaticDesignGroup.com
760.438.8400

800-642-2444

July 15, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

DETAILS

Revision No.	Description	Date	By	Aprvd. By

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	GSP	DATE	MR-8
DRAWN BY	NMV		116 OF 162 SHTS
CHECKED BY	GSP	CITY ENGINEER	PROJECT NO.
RECORD DWGS.		STOCKTON, CALIFORNIA	

NONRESIDENTIAL VOLUNTARY MEASURES

AS 602
CALGreen VERIFICATION GUIDELINES
MANDATORY MEASURES CHECKLIST

Application: This checklist shall be used for nonresidential projects that meet one of the following: new construction, building additions of 1,000 square feet or greater, or building alterations with a permit valuation of \$200,000 or more pursuant to Section 301.3 AND do not trigger a Tier 1 or Tier 2 requirement:

Y = Yes (section has been selected and/or included)
N/A = Not Applicable (code section does not apply to the project—mainly used for additions and alterations)
O = Other (provide explanation)
[N] = New construction pursuant to Section 301.3
[A] = Additions and/or Alterations pursuant to Section 301.3

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N/A	O	PLAN SHEET, SPEC. OR ATTACH REFERENCE
DIVISION 5.1 Planning and Design	Mandatory	Storm water pollution prevention for projects that disturb less than 1 acre of land	5.106.1 through 5.106.2		X		
	Mandatory	Short-term bicycle parking (with exception)	5.106.4.1.1	X			
	Mandatory	Long-term bicycle parking	5.106.4.1.2 through 5.106.4.1.5	X			
	Mandatory	Designated parking for clean air vehicles	5.106.5.2	X			
	Mandatory	Parking stall marking	5.106.5.2.1	X			
	Mandatory	Single charging space requirements	5.106.5.3.1	X			
	Mandatory	Multiple charging space requirements [N]	5.106.5.3.2	X			
	Mandatory	EV charging space calculation [N] (with exceptions)	5.106.5.3.3	X			
	Mandatory	[N] Identification	5.106.5.3.4	X			
	Mandatory	[N] Future charging spaces	5.106.5.3.5		X		
Mandatory	Light pollution reduction [N] (with exceptions and notes)	5.106.8	X				
Mandatory	Grading and paving (exception for additions and alterations not altering the drainage path)	5.106.10	X				
DIVISION 5.2 Energy Efficiency	Mandatory	Meet the minimum energy efficiency standard	5.201.1	X			
DIVISION 5.3 Water Efficiency and Conservation (continued)	Mandatory	Separate meters (new buildings or additions > 50,000 sf that consume more than 100 gal/day)	5.303.1.1		X		
	Mandatory	Separate meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2		X		
	Mandatory	Water closets shall not exceed 1.28 gallons per flush (gpf)	5.303.3.1	X			

(continued)

NONRESIDENTIAL VOLUNTARY MEASURES

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N/A	O	PLAN SHEET, SPEC. OR ATTACH REFERENCE
(continued) DIVISION 5.3 Water Efficiency and Conservation	Mandatory	Wall-mounted urinals shall not exceed 0.125 gpf	5.303.3.2.1	X			
	Mandatory	Floor-mounted urinals shall not exceed 0.5 gpf	5.303.3.2.2		X		
	Mandatory	Single showerhead shall have maximum flow rate of 1.8 gpm (gallons per minute) at 80 psi	5.303.3.3.1	X			
	Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of 1.8 gpm at 80 psi	5.303.3.3.2		X		
	Mandatory	Nonresidential lavatory faucets	5.303.3.4.1	X			
	Mandatory	Kitchen faucets	5.303.3.4.2	X			
	Mandatory	Wash fountains	5.303.3.4.3	X			
	Mandatory	Metering faucets	5.303.3.4.4	X			
	Mandatory	Metering faucets for wash fountains	5.303.3.4.5	X			
	Mandatory	Food waste disposers	5.303.4.1	X			
DIVISION 5.4 Material Conservation and Resource Efficiency (continued)	Mandatory	Areas of additions or alterations	5.303.5	X			
	Mandatory	Standards for plumbing fixtures and fittings	5.303.6	X			
	Mandatory	Outdoor potable water use in landscape areas (with notes)	5.304.1	X			
	Mandatory	Outdoor water supply systems (with Exceptions 1-4)	5.305.1.1	X			
	Mandatory	Technical requirements for outdoor recycled water supply systems	5.305.1.2	X			
	Mandatory	Weather protection	5.407.1	X			
	Mandatory	Moisture control: sprinklers	5.407.2.1	X			
	Mandatory	Moisture control: exterior door protection	5.407.2.2.1	X			
	Mandatory	Moisture control: flashing	5.407.2.2.2	X			
	Mandatory	Construction waste management—comply with either: Sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent local ordinance	5.408.1.1, 5.408.1.2, 5.408.1.3	X			
Mandatory	Construction waste management: documentation	5.408.1.4	X				
Mandatory	Universal waste [A]	5.408.2	X				
Mandatory	Excavated soil and land clearing debris (100% reuse or recycle)	5.408.3	X				
Mandatory	Recycling by occupants (with exception)	5.410.1	X				
Mandatory	Recycling by occupants: additions (with exception)	5.410.1.1	X				
Mandatory	Recycling by occupants: sample ordinance	5.410.1.2	X				
Mandatory	Commissioning new buildings (≥ 10,000 sf) [N]	5.410.2	X				
Mandatory	Owner's or owner representative's Project Requirements (OPR) [N]	5.410.2.1	X				
Mandatory	Basis of Design (BOD) [N]	5.410.2.2	X				

(continued)

NONRESIDENTIAL VOLUNTARY MEASURES

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N/A	O	PLAN SHEET, SPEC. OR ATTACH REFERENCE
(continued) DIVISION 5.4 Material Conservation and Resource Efficiency	Mandatory	Commissioning plan [N]	5.410.2.3		X		
	Mandatory	Functional performance testing [N]	5.410.2.4		X		
	Mandatory	Documentation and training [N]	5.410.2.5	X			
	Mandatory	Systems manual [N]	5.410.2.5.1	X			
	Mandatory	Systems operation training [N]	5.410.2.5.2	X			
	Mandatory	Commissioning report [N]	5.410.2.6		X		
	Mandatory	Testing and adjusting for new buildings < 10,000 sf or new systems that serve additions or alterations [A]	5.410.4	X			
	Mandatory	System testing plan for renewable energy, landscape irrigation and water reuse [A]	5.410.4.2	X			
	Mandatory	Procedures for testing and adjusting	5.410.4.3	X			
	Mandatory	Procedures for HVAC balancing	5.410.4.3.1	X			
DIVISION 5.5 Environmental Quality (continued)	Mandatory	Reporting for testing and adjusting	5.410.4.4	X			
	Mandatory	Operation and maintenance (O&M) manual	5.410.4.5	X			
	Mandatory	Inspection and reports	5.410.4.5.1	X			
	Mandatory	Fireplaces	5.503.1		X		
	Mandatory	Woodstoves	5.503.1.1		X		
	Mandatory	Temporary ventilation	5.504.1	X			
	Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3	X			
	Mandatory	Adhesives, sealants, and caulks	5.504.4.1	X			
	Mandatory	Paints and coatings	5.504.4.3	X			
	Mandatory	Aerosol paints and coatings	5.504.4.3.1		X		
Mandatory	Aerosol paints and coatings: verification	5.504.4.3.2	X				
Mandatory	Carpet systems	5.504.4.4	X				
Mandatory	Carpet cushion	5.504.4.4.1	X				
Mandatory	Carpet adhesives per Table 5.504.4.1	5.504.4.4.2	X				
Mandatory	Composite wood products	5.504.4.5	X				
Mandatory	Composite wood products: documentation	5.504.4.5.3	X				
Mandatory	Resilient flooring systems	5.504.4.6	X				
Mandatory	Resilient flooring: verification of compliance	5.504.4.6.1	X				
Mandatory	Filters (with exceptions)	5.504.5.3	X				
Mandatory	Filters: labeling	5.504.5.3.1	X				
Mandatory	Environmental tobacco smoke (ETS) control	5.504.7		X			
Mandatory	Indoor moisture control	5.505.1	X				

(continued)

NONRESIDENTIAL VOLUNTARY MEASURES

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N/A	O	PLAN SHEET, SPEC. OR ATTACH REFERENCE
(continued) DIVISION 5.5 Environmental Quality	Mandatory	Outside air delivery	5.506.1	X			
	Mandatory	Carbon dioxide (CO ₂) monitoring	5.506.2	X			
	Mandatory	Acoustical control (with exception)	5.507.4		X		
	Mandatory	Exterior noise transmission, prescriptive method (with exceptions)	5.507.4.1	X			
	Mandatory	Noise exposure where noise contours are not readily available	5.507.4.1.1	X			
	Mandatory	Performance method	5.507.4.2		X		
	Mandatory	Site features	5.507.4.2.1		X		
	Mandatory	Documentation of compliance	5.507.4.2.2		X		
	Mandatory	Interior sound transmission (with note)	5.507.4.3		X		
	Mandatory	Ozone depletion and greenhouse gas reductions	5.508.1	X			
Mandatory	Chlorofluorocarbons (CFCs)	5.508.1.1	X				
Mandatory	Halons	5.508.1.2	X				
Mandatory	Supermarket refrigerant leak reduction for retail food stores 8,000 square feet or more Sections 5.508.2 through 5.508.2.6.3	5.508.2 through 5.508.2.6.3		X			
END OF MANDATORY PROVISIONS							

Documentation Author's / Responsible Designer's Declaration Statement

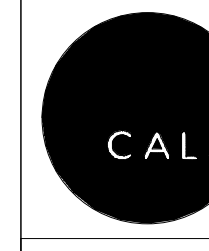
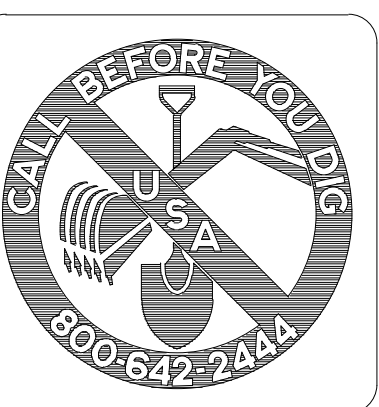
Mandatory: I attest that this mandatory provisions checklist is accurate and complete.

Signature: _____

Company: _____ Date: _____

Address: _____ License: _____

City/State/Zip: _____ Phone: _____



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366

www.callanderassociates.com

11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

CAL GREEN NON RESIDENTIAL CHECKLIST

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By	SCALE	APPROVED BY:	SHEET NO.
					12" = 1'-0"	DATE	G1.00
					DESIGNED BY EB		117 OF 162 SHTS
					DRAWN BY EB		
					CHECKED BY EW, EB		
					RECORD DWGS.		
						CITY ENGINEER	PROJECT NO.
						STOCKTON, CALIFORNIA	



DETERMINE TOTAL NUMBER OF FIXTURES BY DIVIDING THE CALCULATED OCCUPANT LOAD BY THE ALLOWABLE FIXTURES PER PERSON IN CBC SECTION 3116B.2

STEP 1 - CALCULATE OCCUPANT LOAD FOR POOL SURFACE
 POOL AREA 5,300 SF 5,300/15 OCC LOAD = 353.3 OCCUPANTS

STEP 2 - DETERMINE OCCUPANT LOAD FOR EACH SANITARY FACILITY
 SHOWERS - 1 PER 50 POOL USERS
 TOILETS - 1 PER 60 WOMEN, 1 PER 15 MEN
 LAVATORIES - 1 PER EVERY 80 POOL USERS

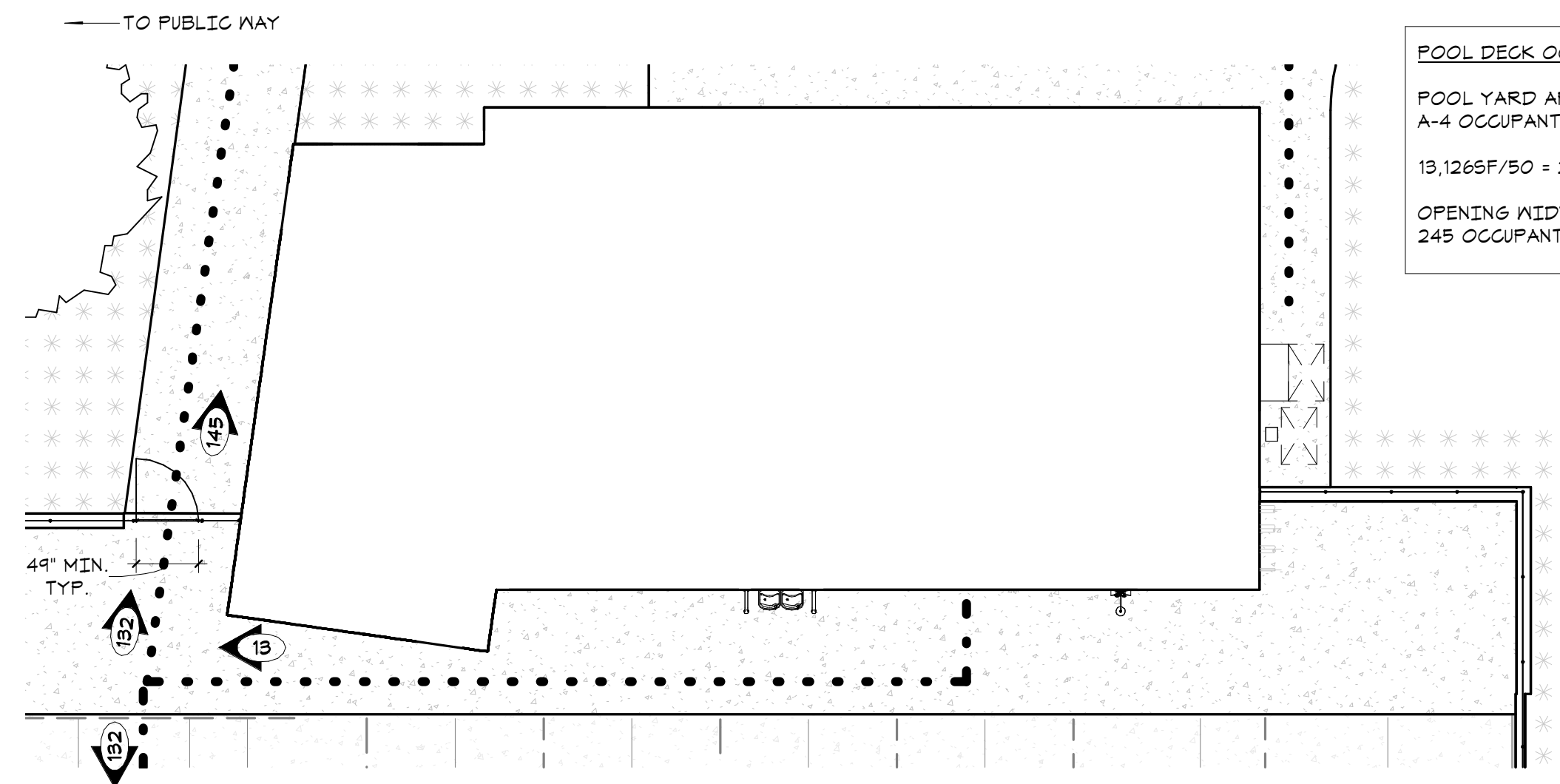
STEP 3 - REQUIRED FIXTURES
 SHOWERS - 353.3/50 = 7
 TOILETS, WOMEN - 176.65/60 = 2.9 → 3
 TOILETS, MEN - 176.65/15 = 2.4 → 3
 LAVATORIES - 353.3/80 = 4.4 → 5

STEP 4 - REQUIRED FIXTURES
 SHOWERS - 353.3/50 = 7
 TOILETS, WOMEN - 176.65/60 = 2.9 → 3
 TOILETS, MEN - 176.65/15 = 2.4 → 3
 LAVATORIES - 353.3/80 = 4.4 → 5

FRACTIONAL METHOD	TOILETS		LAVATORIES	SERVICE SINKS	DRINKING FOUNTAIN
	M	F			
REQUIRED	3	3	5	1	1
PROPOSED	3	3	5	1	2

**EQUAL ACCOMMODATION FOR MALE AND FEMALE

2 PLUMBING FIXTURE CALCULATION
 12" = 1'-0"



POOL DECK OCCUPANT LOAD CALCULATIONS

POOL YARD AREA - 19,126 SF
 A-4 OCCUPANT LOAD FACTOR - 50 GROSS
 19,126 SF / 50 = 262.52 → 263
 OPENING WIDTH FOA FACTOR = 0.2 INCHES/OCCUPANT
 263 OCCUPANTS * 0.2" = 49" MINIMUM

3 POOL LIFE SAFETY PLAN
 1" = 10'-0"

CODE COMPLIANCE

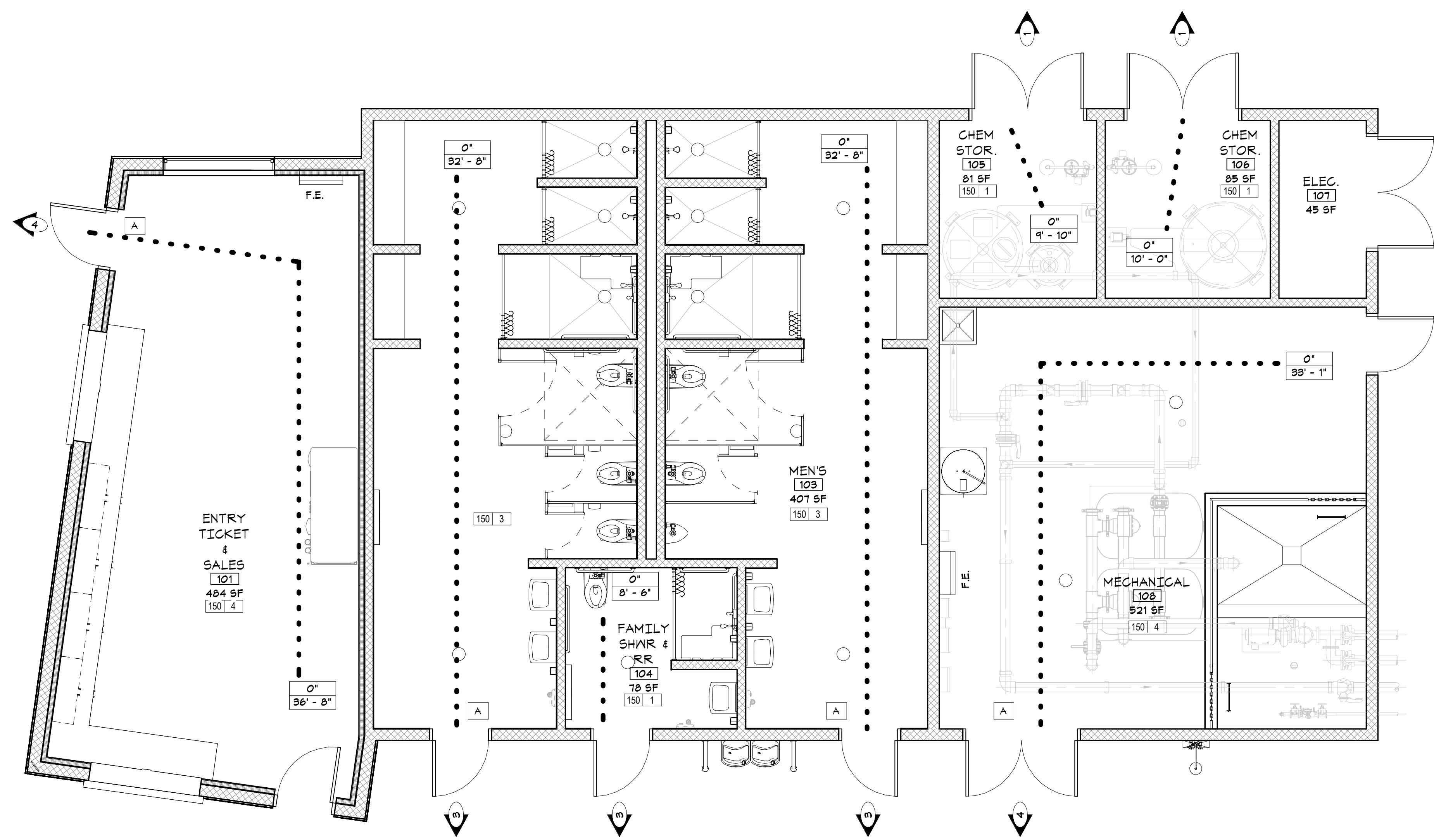
REFERENCE	DESCRIPTION	INTERPRETATION
MAXIMUM TRAVEL DISTANCE		
CBC TABLE 1011.2	MAX. TRAVEL DISTANCE	300 FT (W/ SPRINKLERS) U.O.N. BY OCCUPANCY
CBC 1006.2.1	COMMON PATH OF TRAVEL	< 100 FT
MINIMUM REQUIRED EGRESS		
CBC 1006.3.1	MINIMUM NUMBER OF EXIST REQUIRED	2 (OCC. LOAD < 500)
CBC 1007.1.1	EXIT ARRANGEMENT SEPARATION	< 1/3 THE DIAGONAL DIM. (W/ SPRINKLERS)

OCCUPANT LOAD

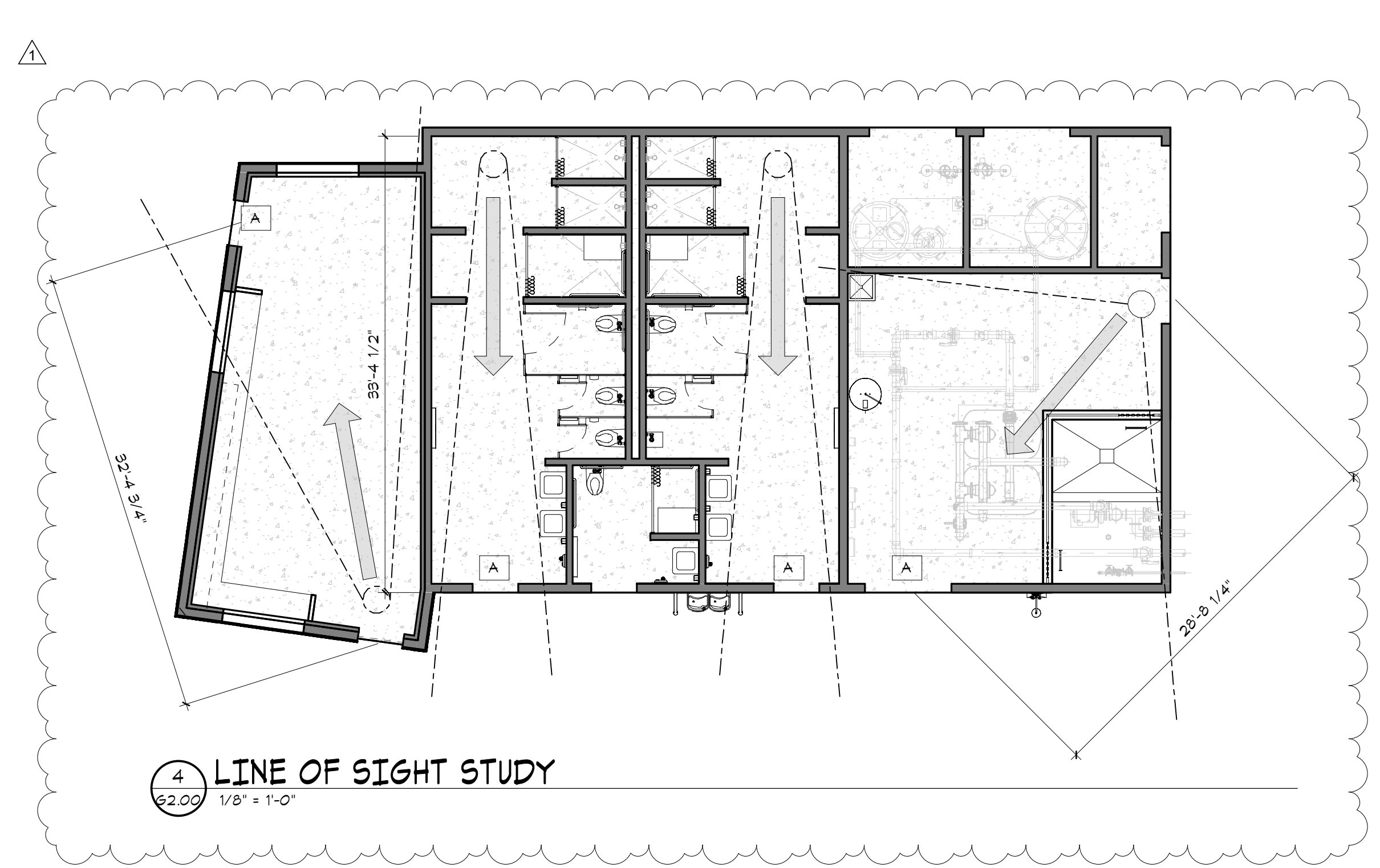
ROOM NO.	ROOM NAME	AREA	LOAD FACTOR	OCC. LOAD
101	ENTRY TICKET & SALES	484 SF	150 SF	4
103	MEN'S	401 SF	150 SF	3
104	FAMILY SHWR & RR	78 SF	150 SF	1
105	CHEM STOR.	81 SF	150 SF	1
106	CHEM STOR.	85 SF	150 SF	1
107	ELEC.	45 SF	150 SF	1
108	MECHANICAL	521 SF	150 SF	4
111	Room	Not Placed		
120	Room	Not Placed		

LEGEND

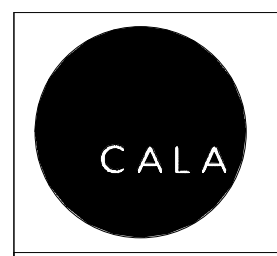
- ROOM NAME & REFERENCE NUMBER
- 101 FLOOR AREA
- 0 0 ROOM OCCUPANT LOAD (SF/OLF)
- 0 0 OCCUPANT LOAD FACTOR FROM TABLE 1004.1.2
- 5 OCCUPANT LOAD FROM ROOM OR SPACE INDICATING DIRECTION OF TRAVEL
- 2 CUMULATIVE OCCUPANT LOAD @ EXIT INDICATING DIRECTION OF TRAVEL
- 36'-0" COMMON PATH OF EGRESS TRAVEL DISTANCE
- 57'-0" EXIT ACCESS TRAVEL DISTANCE
- EGRESS PATH OF TRAVEL
- F.E. FIRE EXTINGUISHER CABINET
- A 'EXIT' SIGN - SEE 10 63.00
- BATTERY BACK-UP ILLUMINATED EXIT SIGN @ 8'-6" A.F.F. - REFER TO ELEC. DWGS.



1 BUILDING LIFE SAFETY PLAN
 1/4" = 1'-0"



4 LINE OF SIGHT STUDY
 1/8" = 1'-0"



12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

LIFE SAFETY PLAN

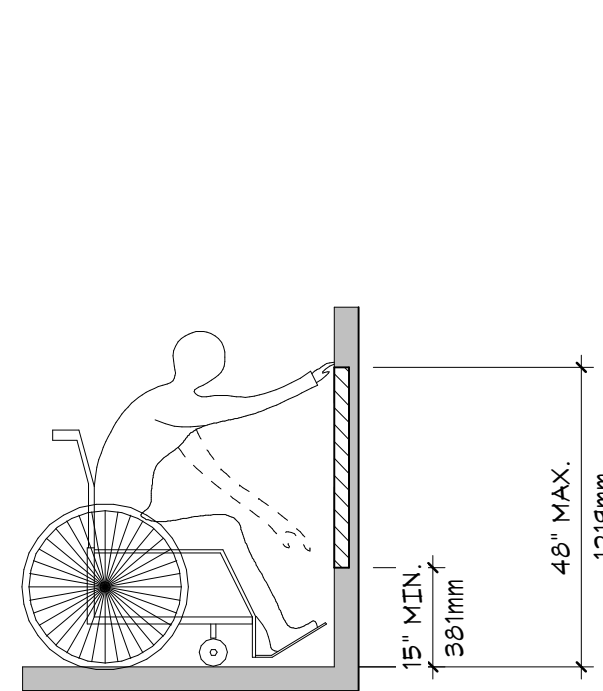
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA



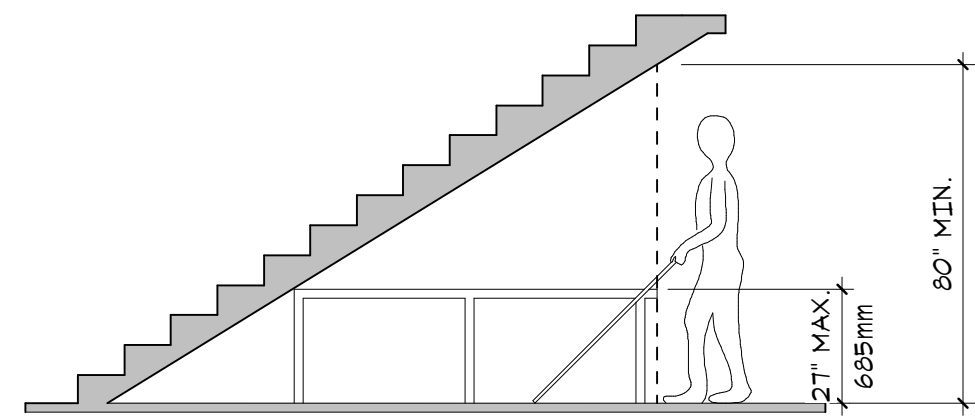
Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK	11/14/22	EB	EW

SCALE As indicated	APPROVED BY: DATE	SHEET NO. G2.00
DESIGNED BY EB		118 OF 162 SHTS
DRAWN BY EB	CITY ENGINEER STOCKTON, CALIFORNIA	PROJECT NO.
CHECKED BY EW, EB		
RECORD DWGS.		

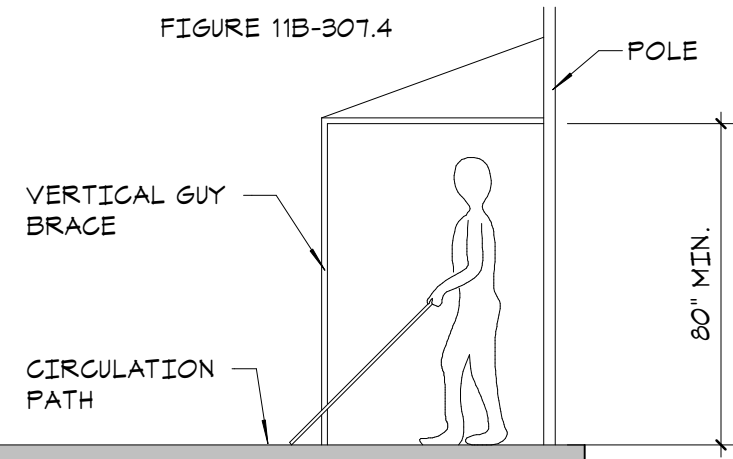
File Path: \\NA\CA\MA\Projects\21013\21013_11\11_14_22\21013_11_LCS\LD\04.dwg Plot Date: 11/14/22 10:49:19 AM User: Eric Hoff
 11/14/2022 10:49:19 AM User: Eric Hoff Plot Date: 11/14/22 10:49:19 AM User: Eric Hoff



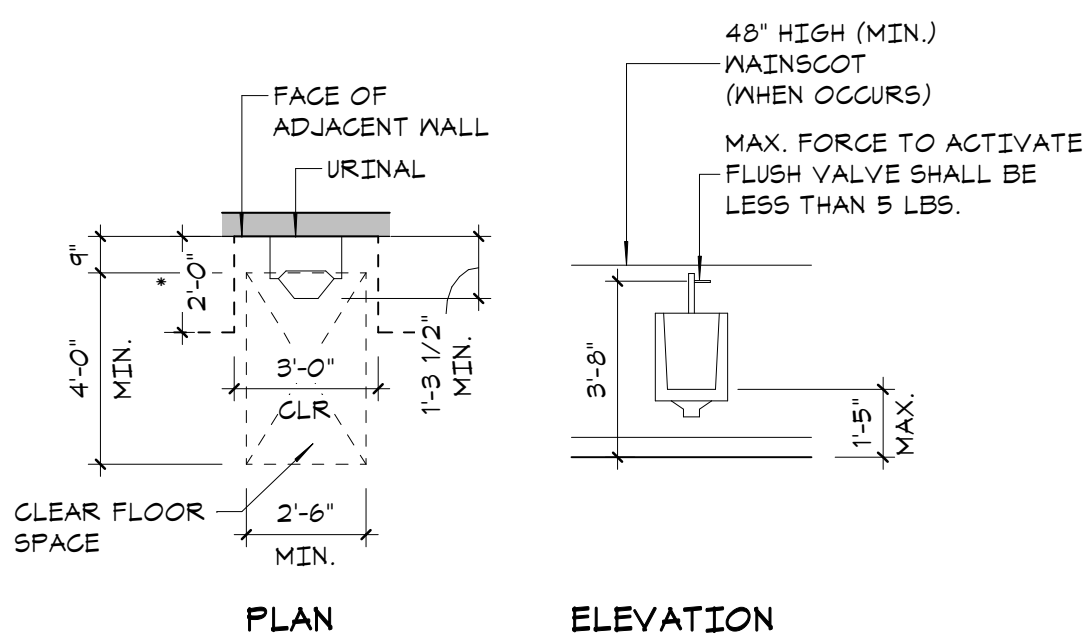
UNOBSTRUCTED FORWARD REACH
FIGURE 11B-308.2.1



VERTICAL CLEARANCE
FIGURE 11B-307.4

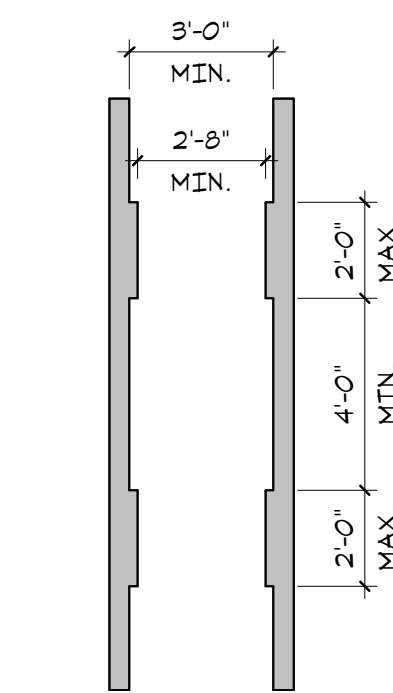


GUY BRACES
FIGURE 11B-307.4.1

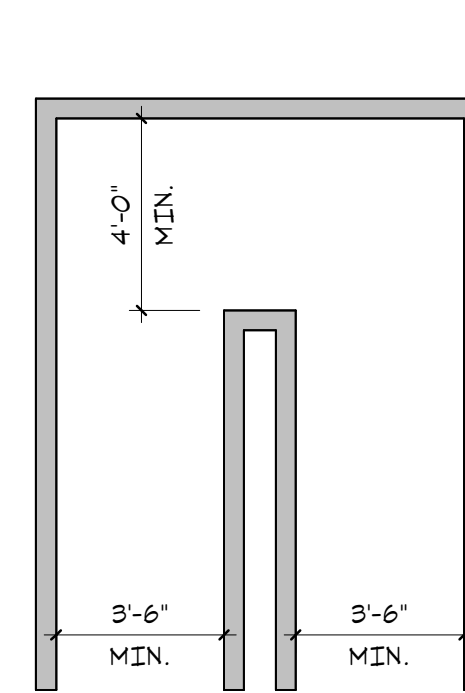


* WHEN URINAL OCCURS WITHIN AN ALCOVE DEEPER THAN 24" DEEP PROVIDE 3'-0" CLEAR, AS SHOWN.

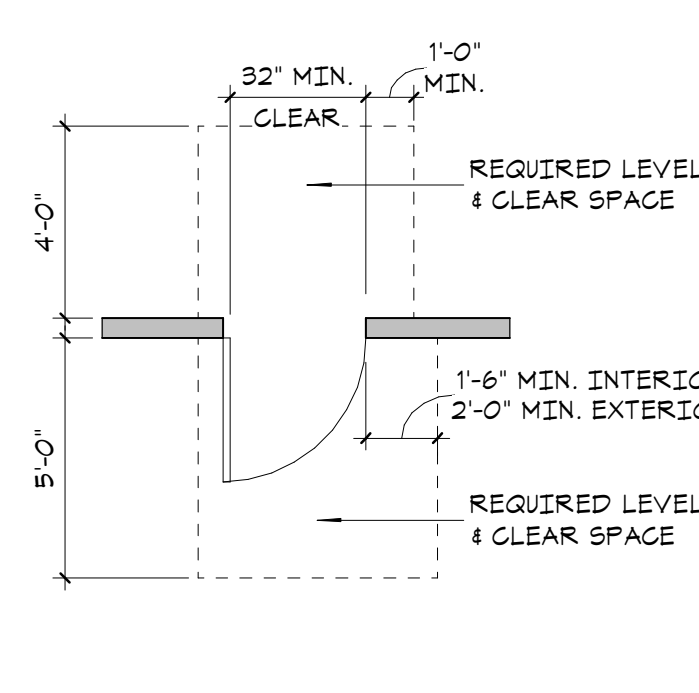
9 URINAL
64.01 1/4" = 1'-0"



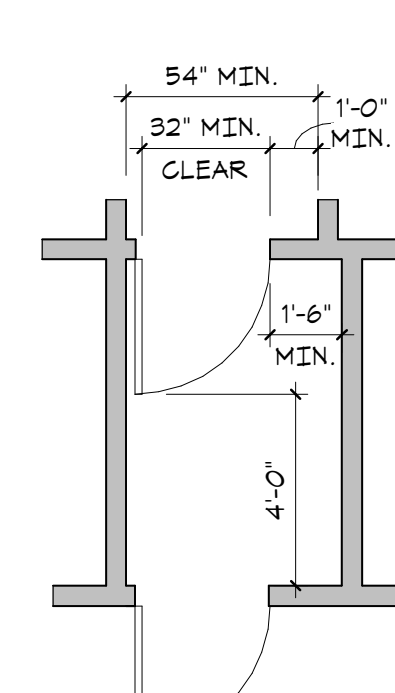
CLEAR WIDTH OF AN ACCESSIBLE ROUTE



CLEAR WIDTH AT TURN

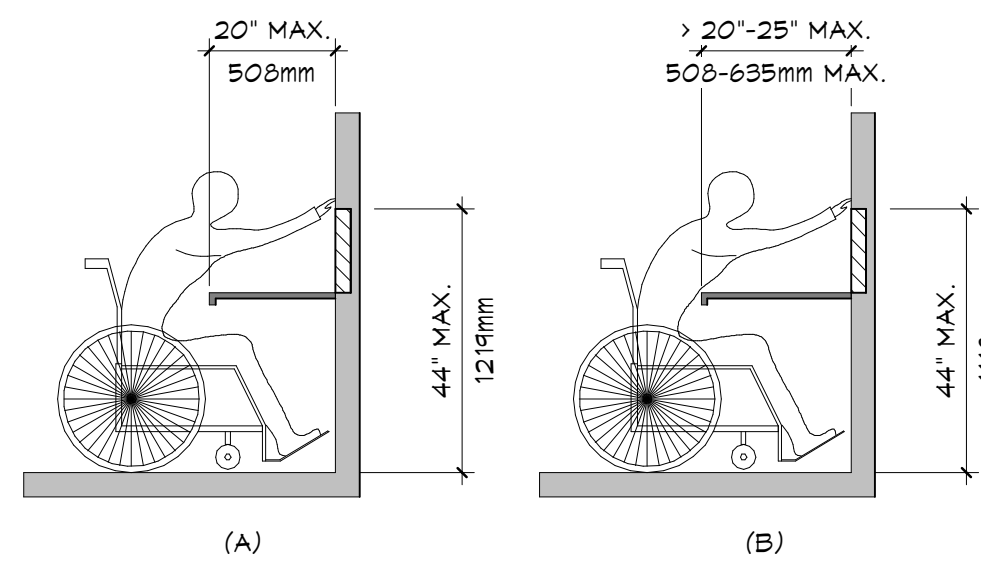


ENTRANCE - FRONT APPROACH

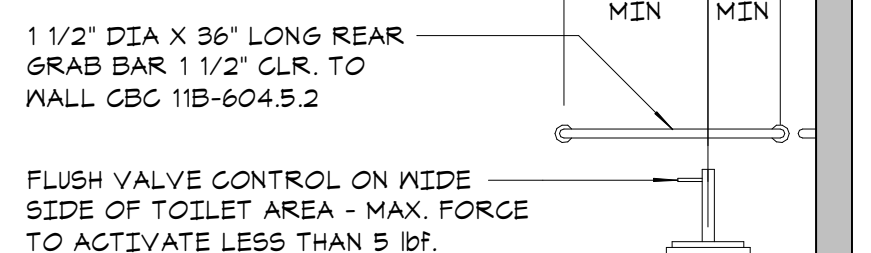
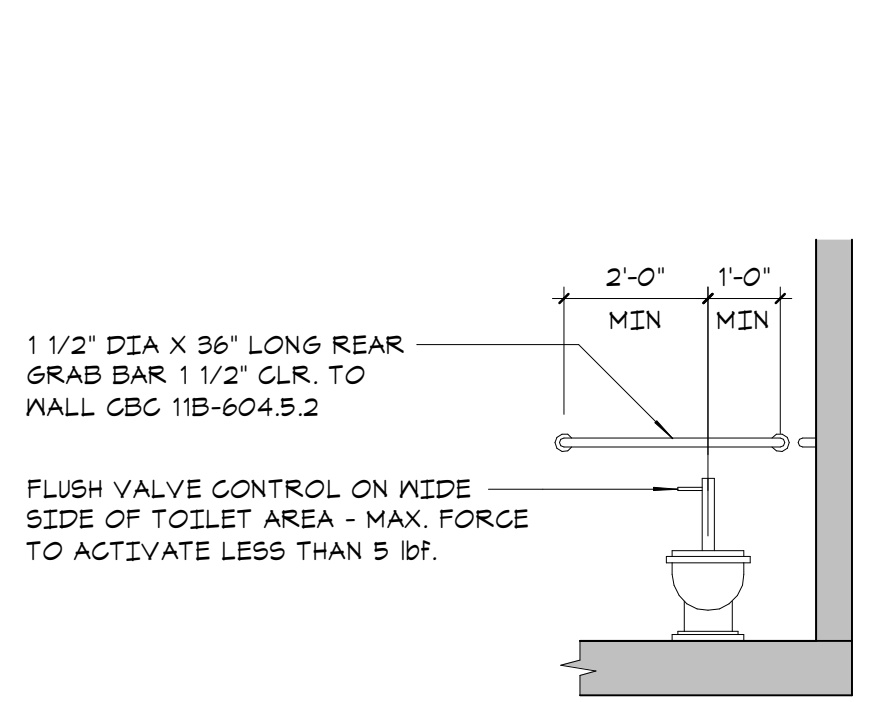


VESTIBULE

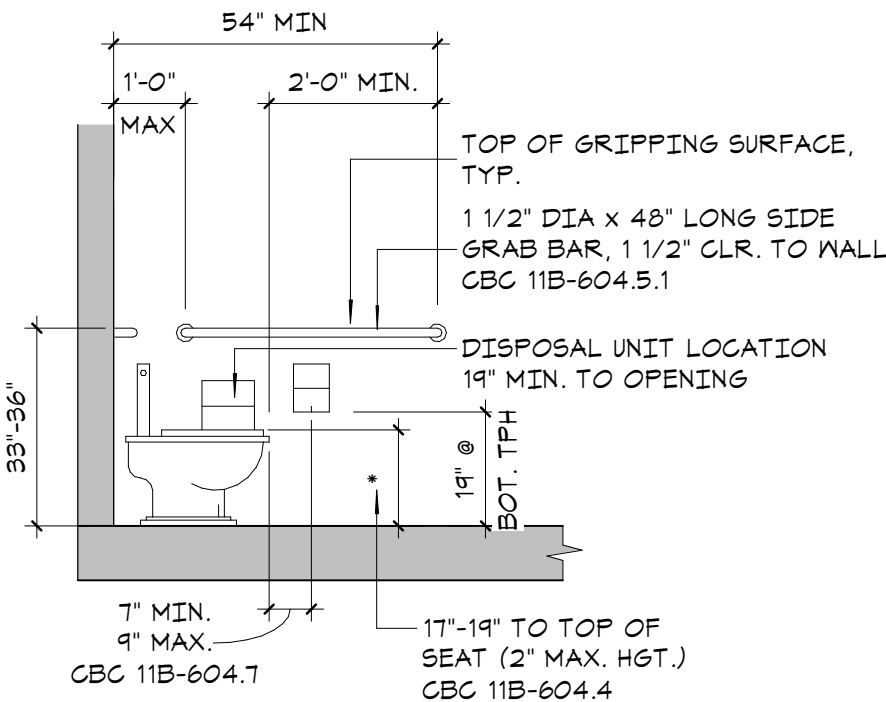
5 WHEEL CHAIR ACCESS
64.01 1/4" = 1'-0"



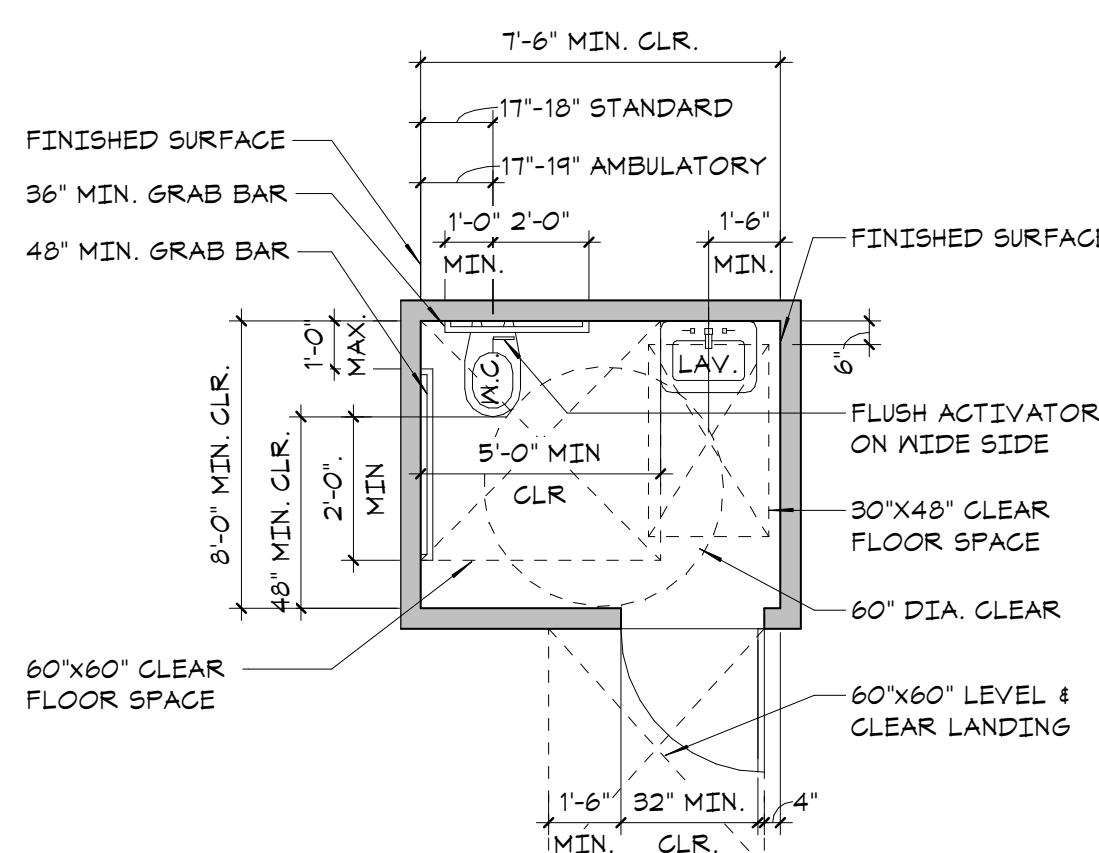
OBSTRUCTED HIGH FORWARD REACH
FIGURE 11B-308.2.2



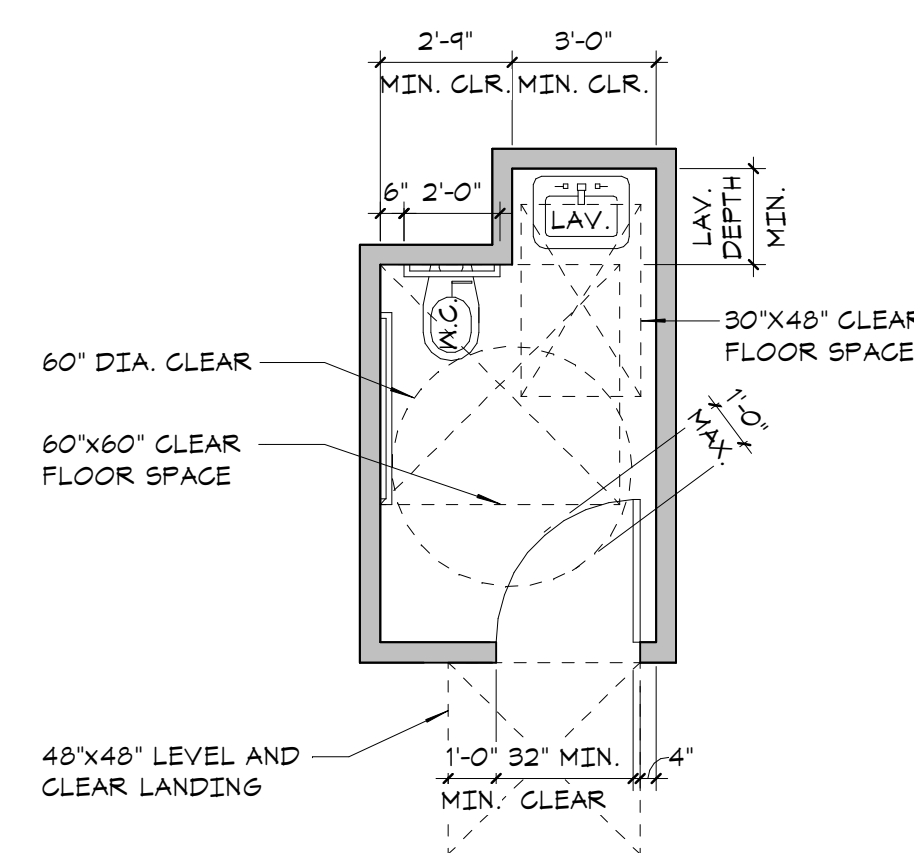
FRONT ELEVATION



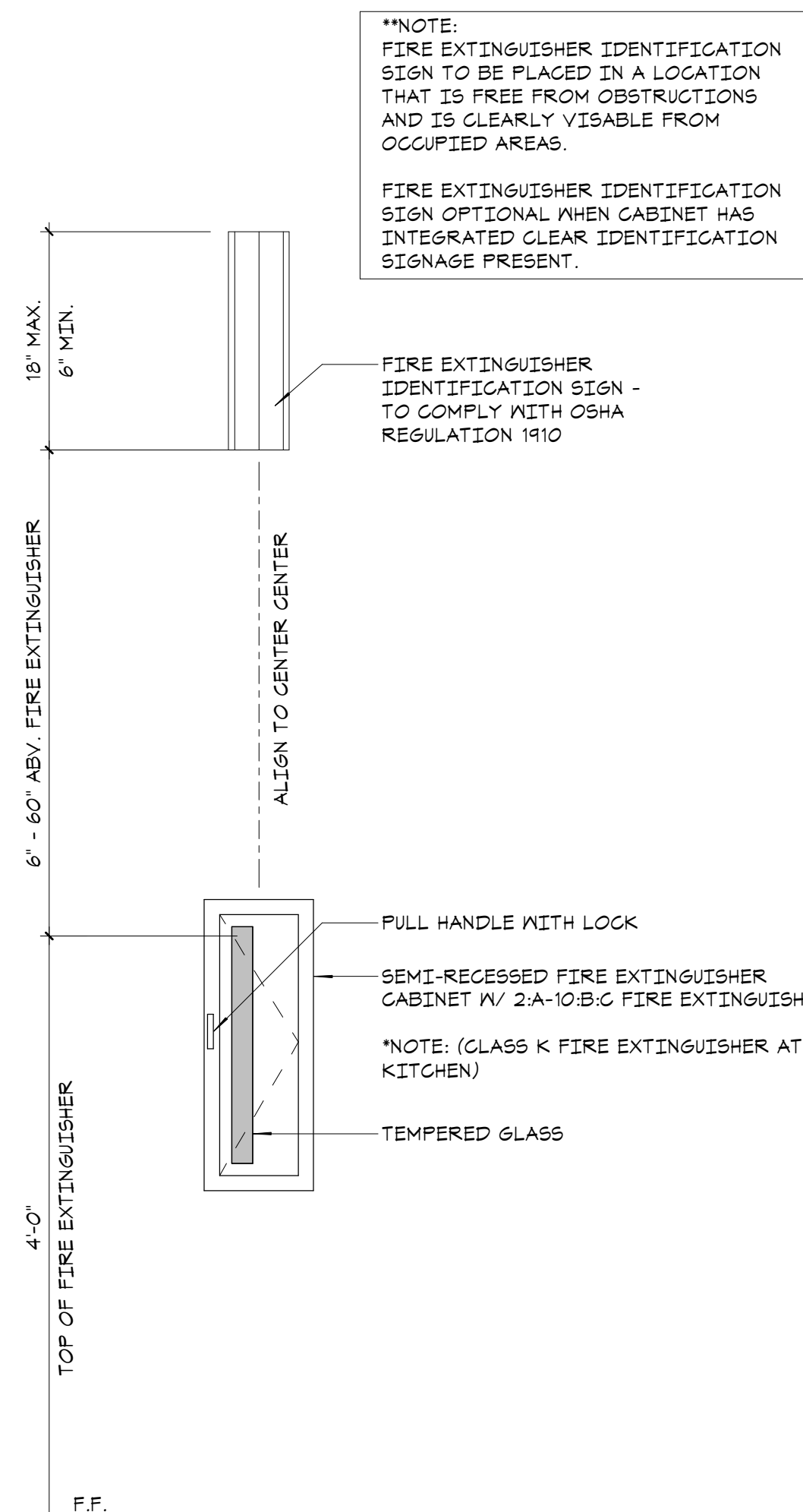
SIDE ELEVATION



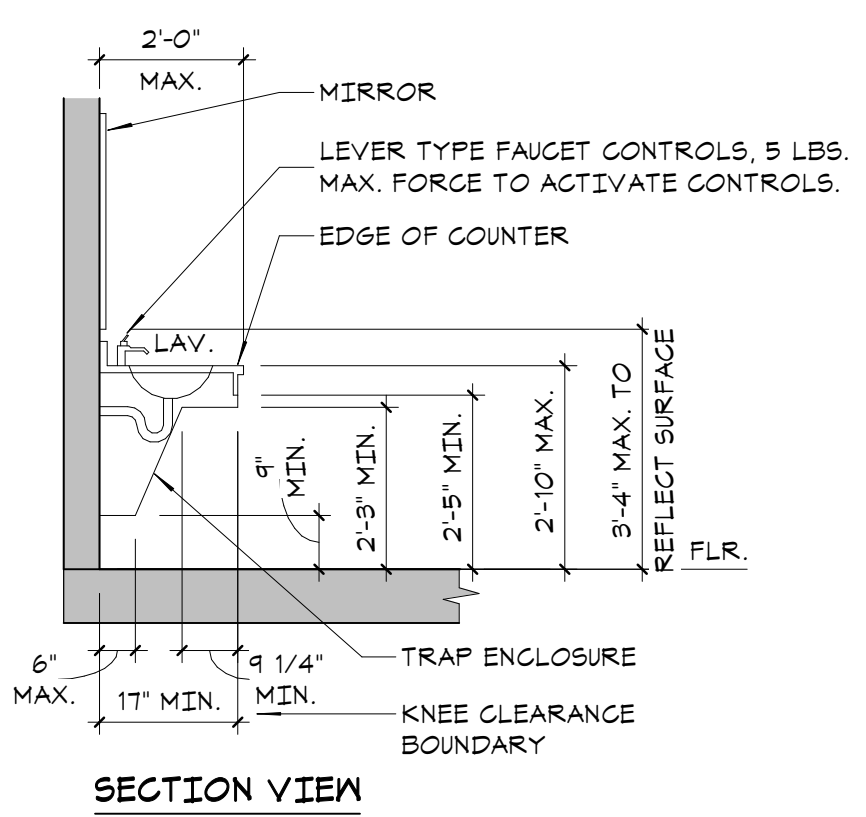
6 MINIMUMS @ SINGLE TOILET COMPARTMENT
64.01 1/4" = 1'-0"



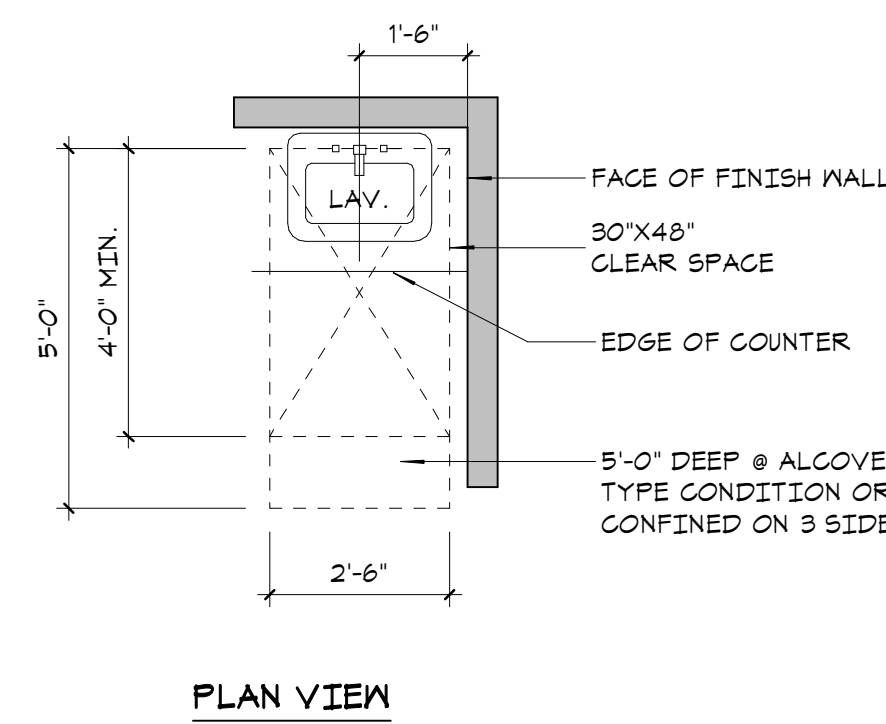
18 REACH
64.01 3/8" = 1'-0"



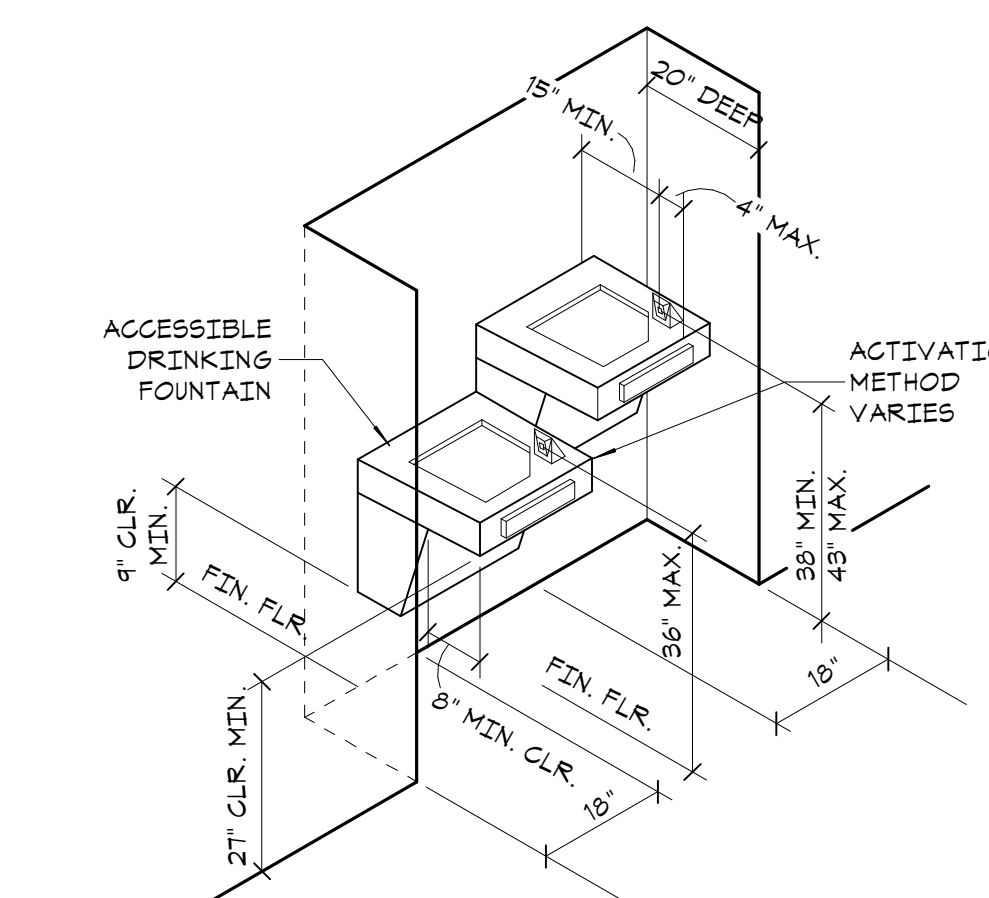
14 WATER CLOSET
64.01 3/8" = 1'-0"



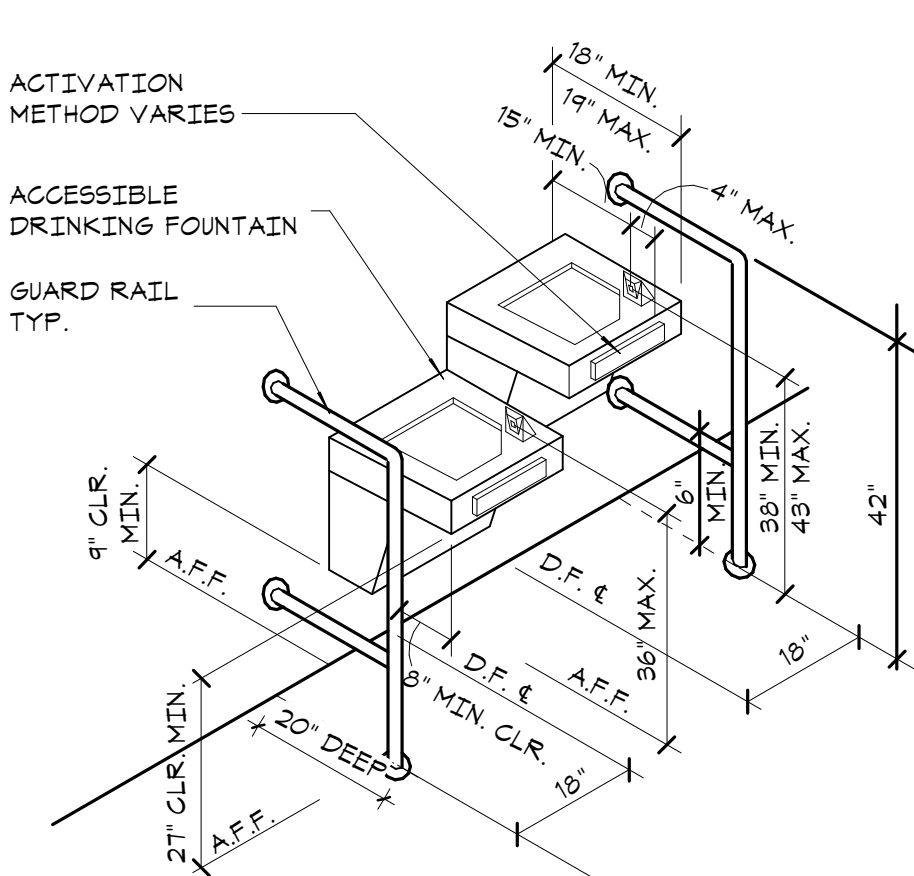
SECTION VIEW



PLAN VIEW

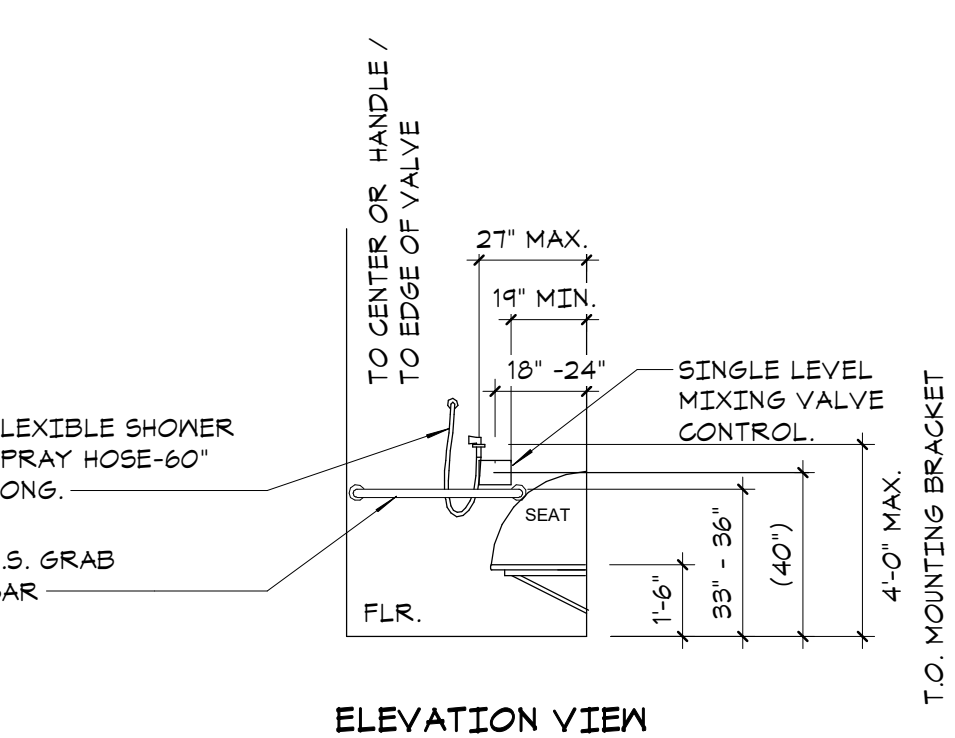


7 DRINKING FOUNTAIN IN ALCOVE
64.01 1/4" = 1'-0"

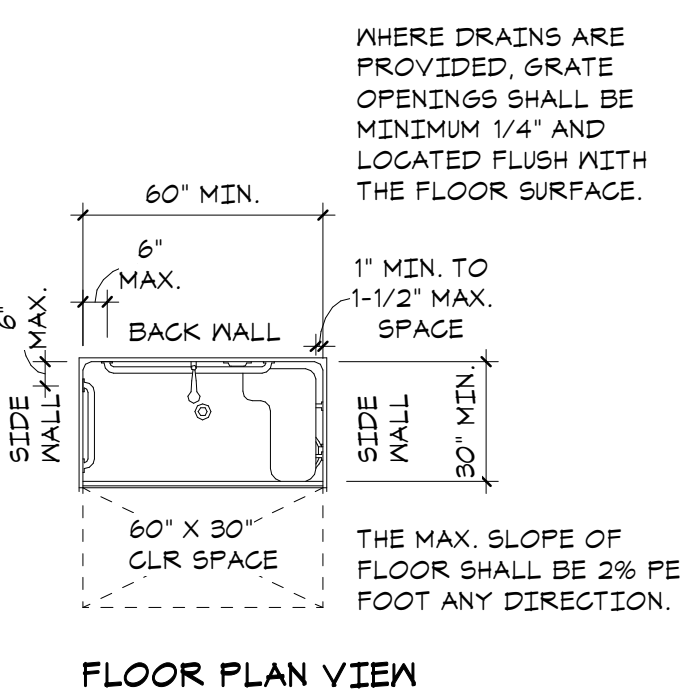


3 DRINKING FOUNTAIN
64.01 1/4" = 1'-0"

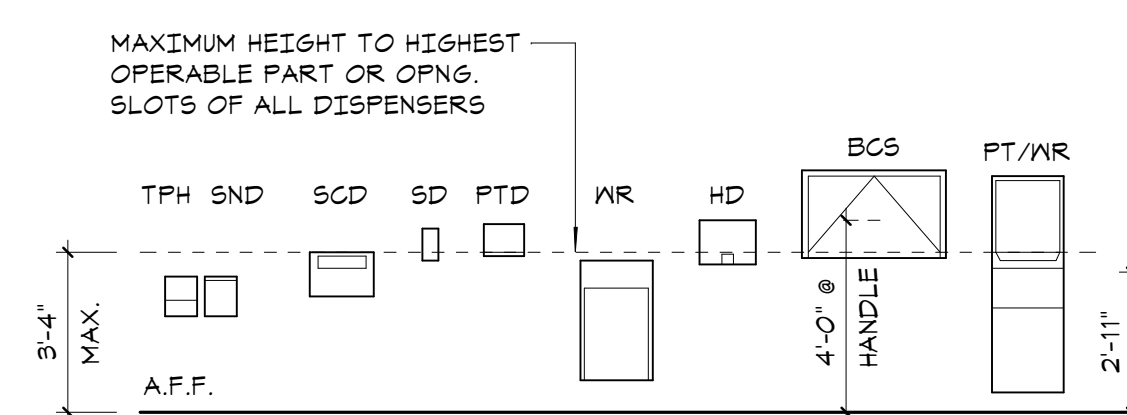
15 LAV COUNTER
64.01 3/8" = 1'-0"



ELEVATION VIEW



FLOOR PLAN VIEW



8 ELEVATION OF TOILET ACCESSORIES
64.01 1/4" = 1'-0"

20 FIRE EXTINGUISHER CABINET
64.01 1" = 1'-0"

16 ACCESSIBLE SHOWER
64.01 1/4" = 1'-0"



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

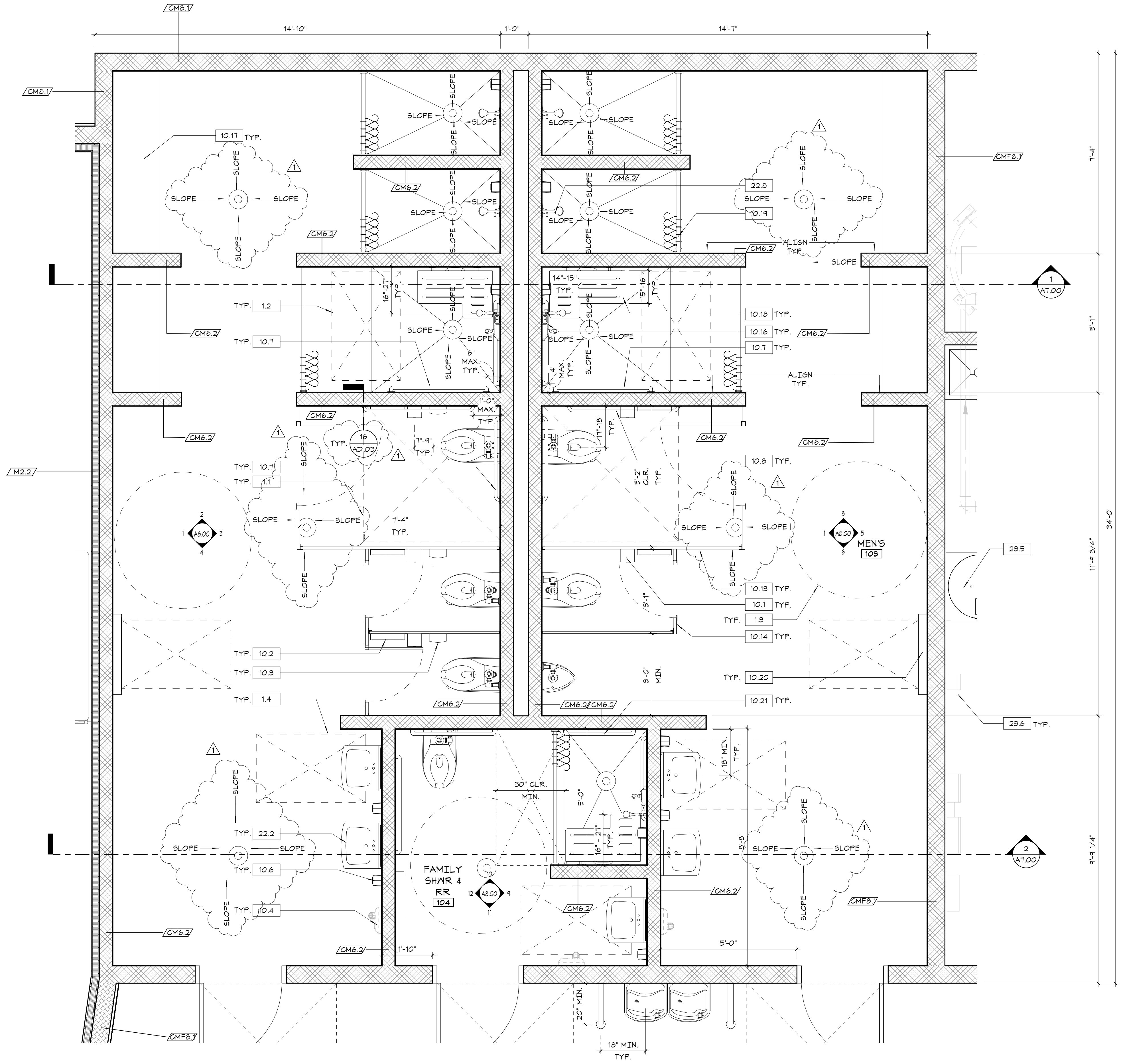
ACCESSIBILITY DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA



Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK	11/14/22	EB	EW

SCALE	As indicated	APPROVED BY:	DATE	SHEET NO.
DESIGNED BY	Designer			G4.01
DRAWN BY	Author			121 OF 162 SHS
CHECKED BY	Checker			
RECORD DWGS.		CITY ENGINEER	STOCKTON, CALIFORNIA	PROJECT NO.



KEYNOTES

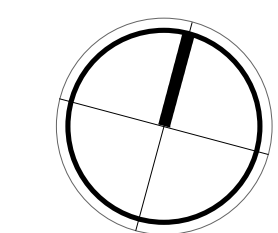
- 1.1 60' SQ. MIN. CLR. FLOOR AREA
- 1.2 30" X 48" MIN. ACCESSIBLE CLR. FLOOR AREA
- 1.3 60" DIA. MIN. ACCESSIBLE MANUEVERING SPACE @ 21" A.F.F.
- 1.4 30" X 48" MIN. ACCESSIBLE CLR. KNEE AREA
- 10.1 TOILET TISSUE DISPENSER, MOUNT @ 19" HT. A.F.F. TO DISPENSER OUTLET AND 1'-4" FRONT OF BOWL TO CENTERLINE OF DISPENSER
- 10.2 SURFACE MOUNTED TOILET SEAT COVER DISPENSER, MOUNT DISPENSER OPENING @ 40" HT. MAX A.F.F.
- 10.3 SANITARY NAPKIN DISPENSER UNIT - MOUNT DISPENSER OPENINGS @ 19" A.F.F. FUTURE TOUCHLESS ELECTRIC AIR HAND DRYER - MOUNT WITH CENTER OF CONTROLS @ 40" A.F.F. MAX. - INSTALL J-BOX PER ELEC.
- 10.6 SURFACE MOUNTED SOAP DISPENSER - MOUNT CENTER OF CONTROLS @ 40" HT. A.F.F.
- 10.7 GRAB BAR 36" MOUNT TOP OF BAR AT 39" - 36" A.F.F.
- 10.8 GRAB BAR 42" MOUNT TOP OF BAR AT 39" - 36" A.F.F.
- 10.13 TOILET "ADA" COMPARTMENTS W/36" WIDE DRS & BOT. OF PANELS 12" A.F.F. MAX. TYP.
- 10.14 TOILET COMPARTMENTS W/24" WIDE IN-SWING DRS & BOT. OF PANELS 12" A.F.F. MAX. TYP.
- 10.16 S.S. SHOWER HEAD WITH ADA COMPLIANT CONTROLS AND MAND
- 10.17 ADA COMPLIANT BENCH SEAT 18" HEIGHT X 20"-24" WIDE X 48" MIN LENGTH - SLIP RESISTENT FINISH
- 10.18 ADA COMPLIANT S.S. FOLDING SHOWER SEAT TO BE MOUNTED 18" A.F.F.
- 10.19 S.S. SHOWER CURTAIN ROD AND CURTAIN
- 10.20 ADA COMPLIANT SURFACE MOUNTED BABY DIAPER CHANGING STATION
- 10.21 GRAB BAR 30" MOUNT TOP OF BAR AT 39"-36" A.F.F.
- 22.2 LAVATORY - MOUNT TOP OF RIM @ 210" A.F.F. - S.P.D.
- 22.8 S.S. SHOWER HEAD MOUNTED @ 80" ABV. F.F.
- 23.5 COMMERCIAL HOT WATER HEATER - S.M.D.
- 23.6 MALL MOUNTED MECHANICAL EQUIPMENT - S.M.D.

WALL LEGEND

- CM6.1 - 6x8x16 CMU WALL - 6" ABV. CLNG SEE DETAIL /AD.01
- CM6.2 - 8x8x16 CMU WALL FULL HEIGHT SEE DETAIL /AD.01
- CM6.3 - 8x8x16 CMU WALL FULL HT. W/ 7/8" REG. CHANNEL AND 5/16" FIBER CEMENT FINISH SEE DETAIL /AD.01
- M2.2 - 2 1/2" METAL STUD FRAME - R-13 LOOSE BATT INSULATION - FINISH 5/8" GYPSUM (1) SIDE - 8" ABV. CLNG SEE DETAIL /AD.01

GENERAL - NOTES

1. UNLESS OTHERWISE NOTED OR INDICATED, ALL DIMENSIONS SHOWN ARE TO FACE OF FRAMING, CONC. SLAB AND/OR CMU.
2. CONTRACTOR SHALL WORK TOWARD DIMENSIONS WITH TOLERANCES +/- SHOWN.
3. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND OTHER MALL MOUNTED ACCESSORIES INCLUDING BUT NOT LIMITED TO HANDRAILS, SHELVING, TV SUPPORT BRACKETS, BULLETING BOARDS, MARKER BOARDS AND BATHROOM FIXTURES.
4. PROVIDE FIRE BLOCKING EVERY 10'-0" VERTICALLY & HORIZONTALLY AT CONCEALED SPACES, WALLS, PARTITIONS, CEILINGS AND INTERSECTIONS - TYP.
5. CONTRACTOR TO PROVIDE SHEATHING ON THE INTERIOR SIDE OF ALL WALLS WHERE STRUCTURAL SHEATHING OCCURS TO PROVIDE A CONTINUOUS AND FLUSH WALL SURFACE FOR THE ENTIRE WALL.
6. ALL INTERIOR DOORS SHALL HAVE MIN. 18" WIDTH CLEARANCE ON THE SIDE TO WHICH THE DOOR SWINGS FROM THE STRIKE EDGE OF THE DOOR.
7. ALL EXTERIOR DOORS SHALL HAVE MIN. 24" WIDTH LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS FROM THE STRIKE EDGE OF THE DOOR.
8. EQUIPMENT IS PER OWNER UNLESS OTHERWISE NOTED. CONTRACTOR TO INSTALL ALL GAS, WATER, PLUMBING PER EQUIPMENT REQUIREMENTS. REFER TO OWNER FOR REQUIREMENTS.
9. MINIMUM 1/8"-12 SLOPE FOR CONCRETE FLOORS WHERE FLOOR DRAIN OCCURS.
10. PROVIDE TACTILE EXIT SIGNS AT EACH EXIT PER 2010 CBC 101.3.
11. REFER TO SHEET 64.00 ACCESSIBILITY STANDARDS AND 64.01 ACCESSIBILITY DETAILS FOR ADDITIONAL INFORMATION AND TYPICAL ACCESSIBLE DETAILS.
12. REFER TO ROOM FINISH PLAN FOR ALL FINISH DESIGNATIONS
13. REFER TO STRUCTURAL DWGS. FOR LOCATIONS AND EXTENT OF CONCRETE CURB AT INTERIOR WALLS.



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

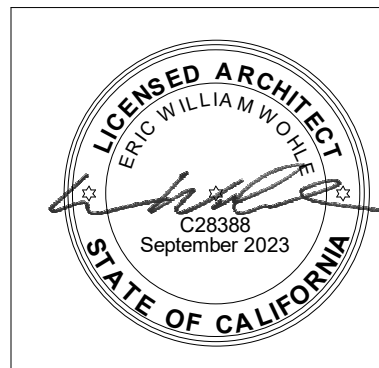
ENLARGED FLOOR PLAN

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

APPROVED BY:	DATE	SHEET NO.
CITY ENGINEER	STOCKTON, CALIFORNIA	A3.12 124 OF 162 SHTS
PROJECT NO.		

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By	SCALE
1	PLAN CHECK	11/14/22	EB	EW	As indicated
	DESIGNED BY				EB
	DRAWN BY				EB
	CHECKED BY				EW, EB
	RECORD DWGS.				

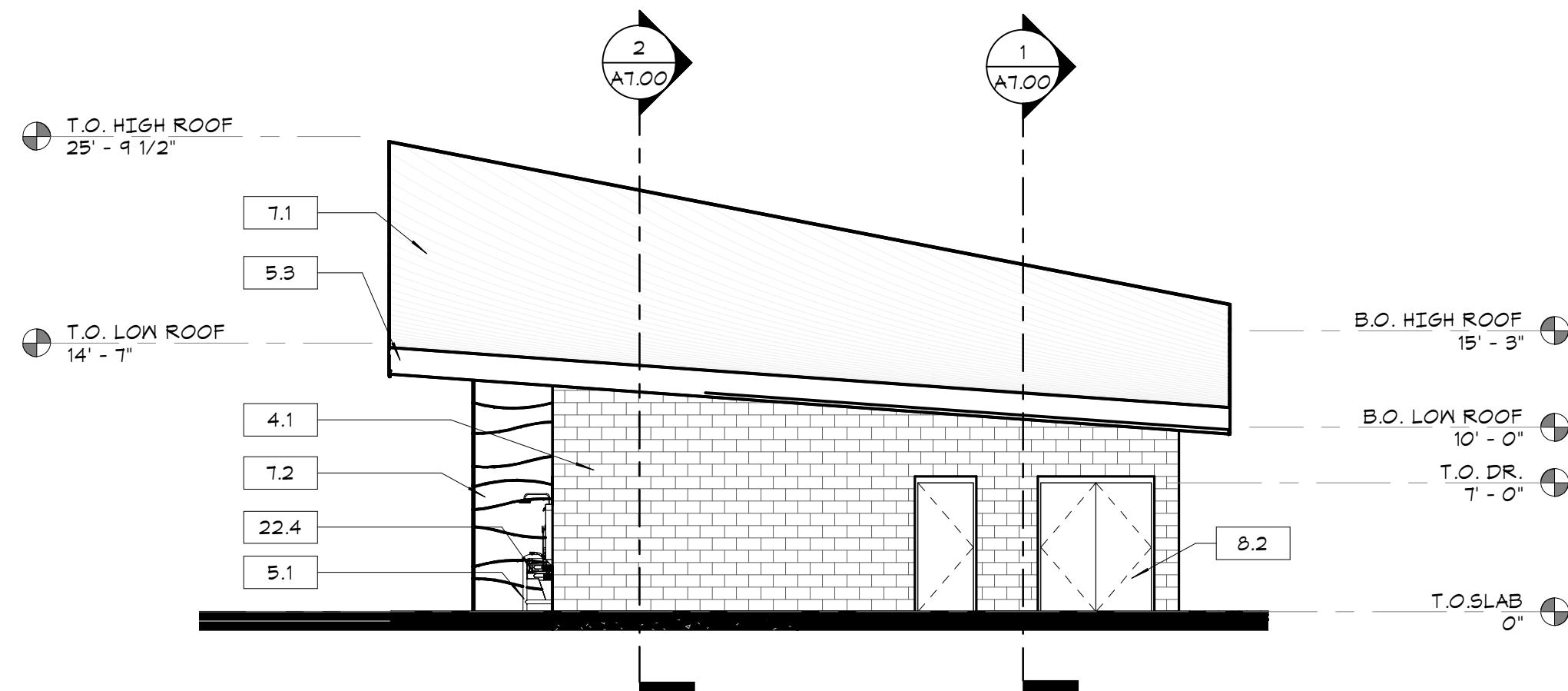


1 ENLARGED RESTROOM PLAN
A3.12
1/2" = 1'-0"

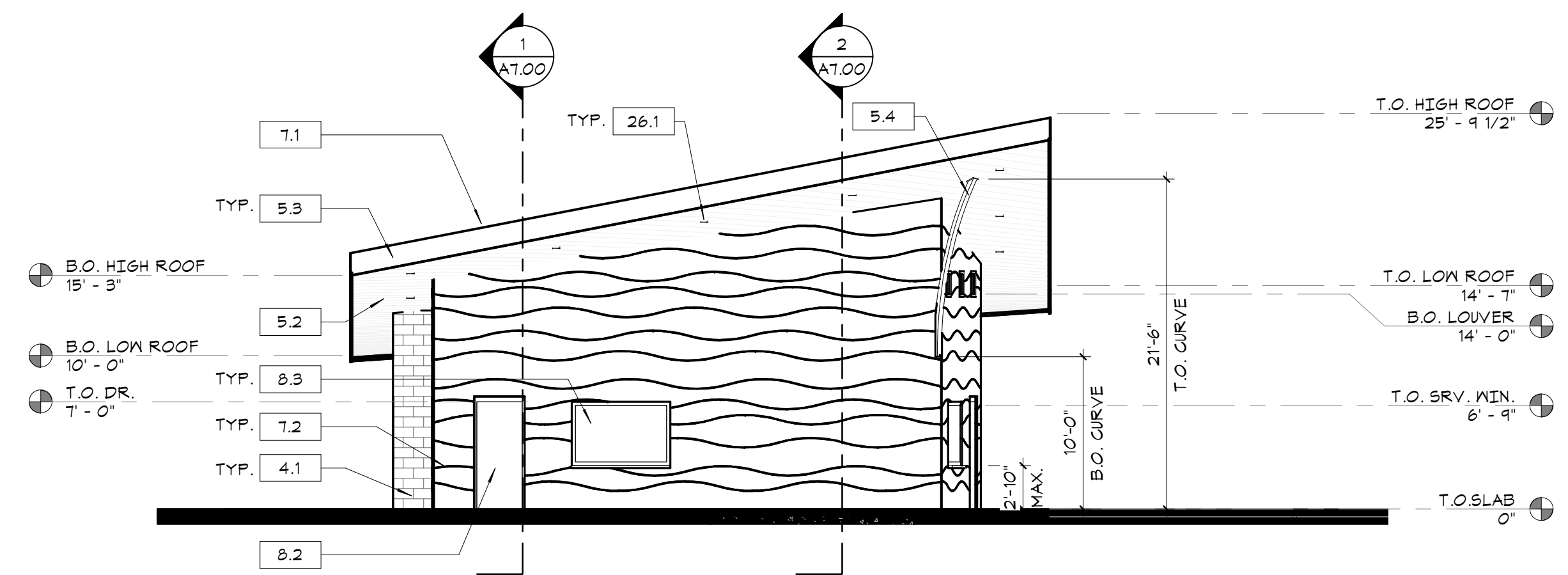
FILE PATH: \\CALA\MAINT\Projects\21013\21013_18_TB_01\2022\21013_TB_CD_CD_M2.dwg Plot Date: 2/14/19 - Saved By: Eborok
 11/14/2022 10:41 AM CD Callander Associates Landscape Architecture, Inc.

KEYNOTES

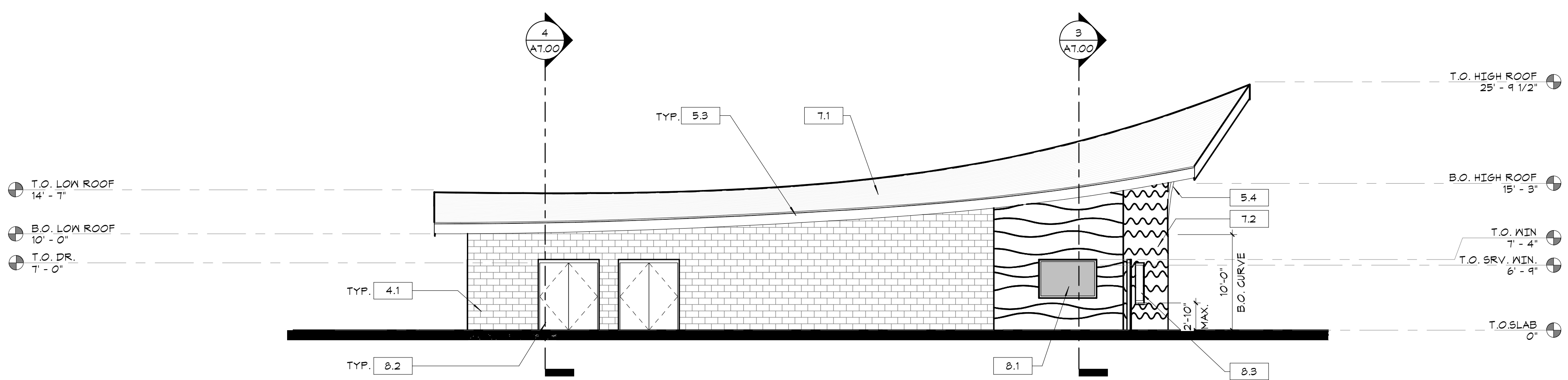
- 4.1 8x8x16 CMU - GROUND FACE MATERIAL - COLOR SELECTED BY ARCHITECT
- 5.1 S.S. DRINKING FOUNTAIN GUARD RAIL
- 5.2 PREFINISHED 24GA METAL SOFFIT PANELS
- 5.3 PRE-FINISHED, CURVED METAL FASCIA WITH TRIM
- 5.4 CUSTOM DECORATIVE, CURVED, POWDER COATED HOLLOW STEEL MEMBER
- 7.1 STANDING SEAM METAL ROOF PANELS - COLOR SELECTED BY ARCHITECT
- 7.2 PREFINISHED HARDIE BOARD FIBER CEMENT SIDING - FINE SAND ARCHITECTURAL PANEL - COLOR SELECTED BY ARCHITECT
- 8.1 ALUMINUM STOREFRONT SYSTEM - REFER TO STOREFRONT SCHEDULE
- 8.2 HOLLOW METAL DOOR - REFER TO DOOR SCHEDULE
- 8.3 HOLLOW METAL FRAMED TRANSFER WINDOW WITH AUDIO GRATE
- 22.1 EXTERIOR ADA COMPLIANT SHOWER TOWER - S.M.D.
- 22.4 ADA DRINKING FOUNTAIN w/ BI-LEVEL BOWLS - S.F.D.
- 22.11 8" X 8" KEYS, LOCKABLE PLUMBING ACCESS PANEL WITH HOSE BIB - S.F.D.
- 23.4 LOUVERED VENTILATION - S.M.D. FOR SF REQUIREMENTS
- 26.1 EXTERIOR LED LIGHT FIXTURE - S.E.D.



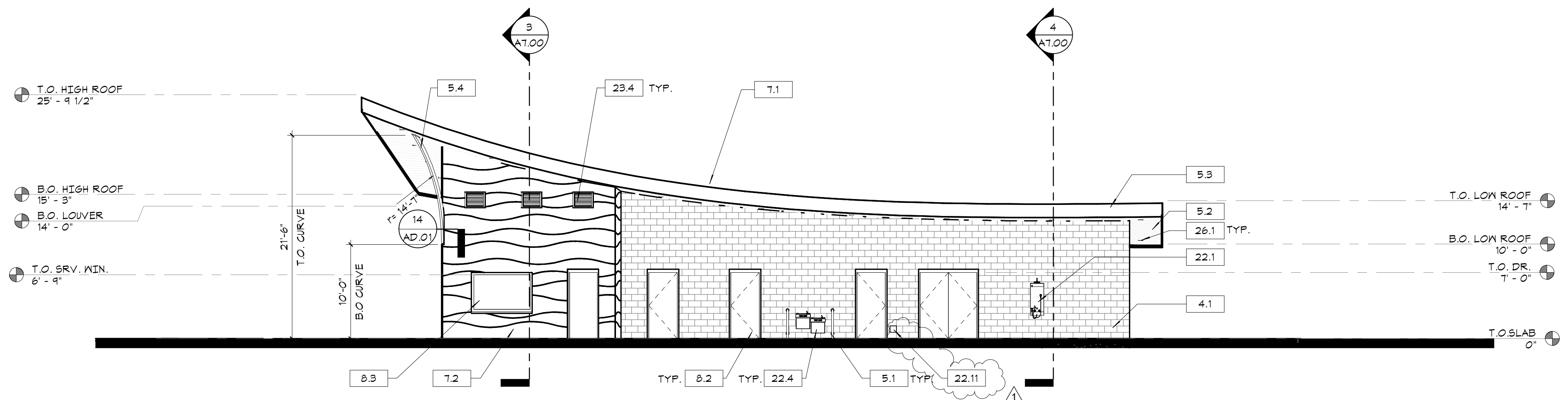
1 EXTERIOR ELEVATION - EAST
 A6.00 1/8" = 1'-0"



2 EXTERIOR ELEVATION - WEST
 A6.00 1/8" = 1'-0"



3 EXTERIOR ELEVATION - NORTH
 A6.00 1/8" = 1'-0"



4 EXTERIOR ELEVATION - SOUTH
 A6.00 1/8" = 1'-0"



12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

EXTERIOR ELEVATIONS

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK	11/14/22	EB	EW

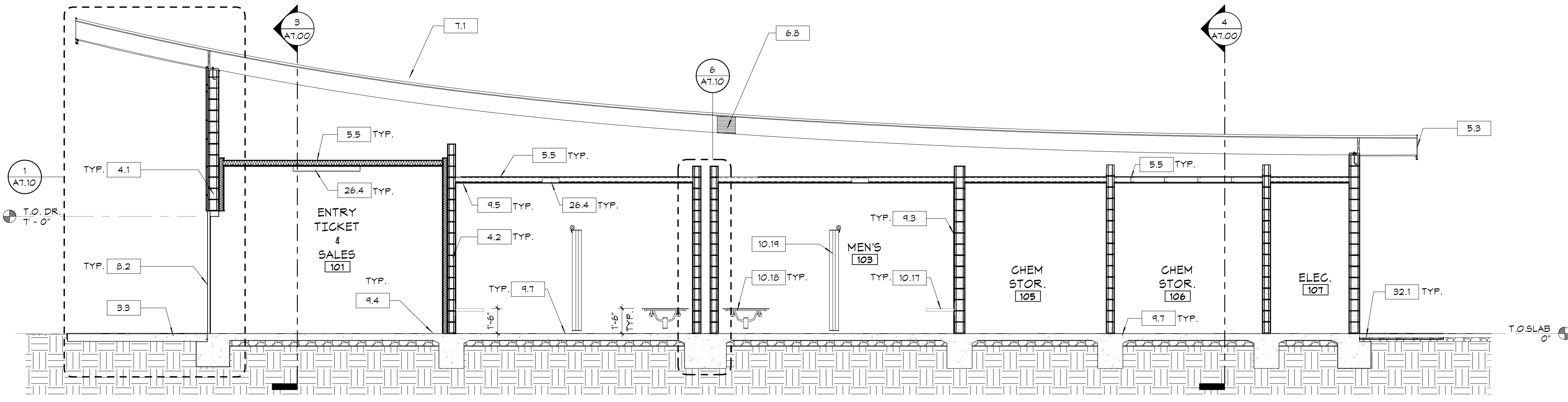


SCALE	1/8" = 1'-0"	APPROVED BY:	DATE	SHEET NO.
DESIGNED BY	EB	CITY ENGINEER	STOCKTON, CALIFORNIA	A6.00
DRAWN BY	EB			128 OF 162 SHTS
CHECKED BY	EW, EB	PROJECT NO.		
RECORD DWGS.				

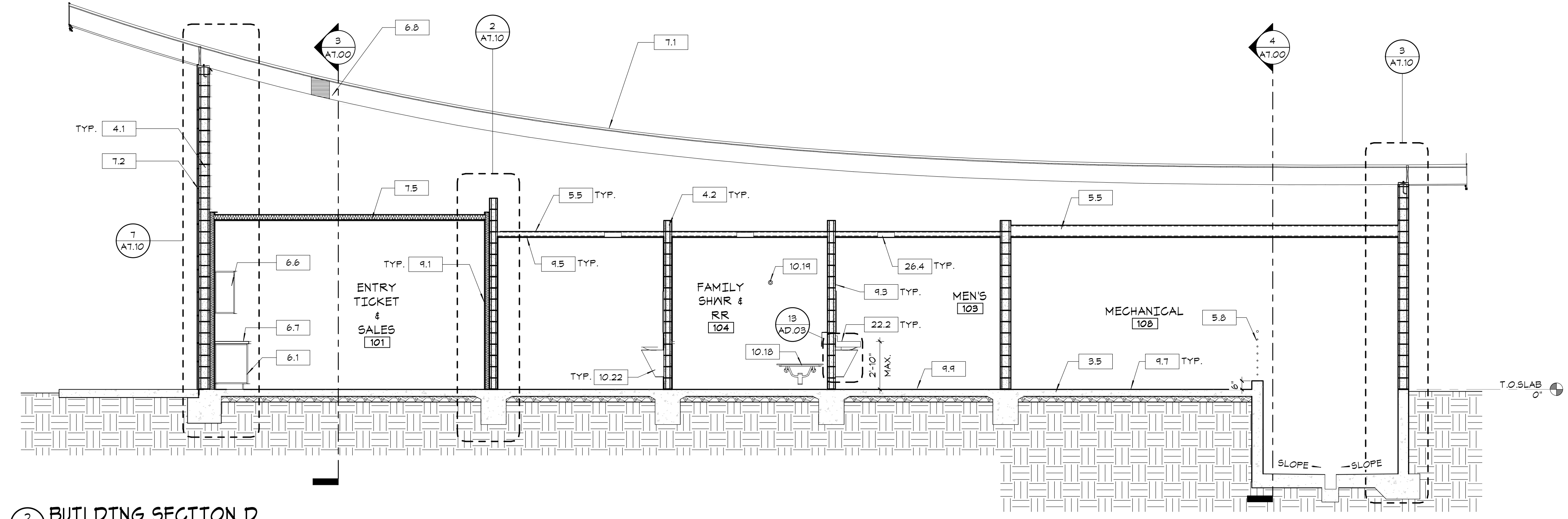
File Path: \\NAAM\AS\Projects\21 McKinley Park Poolhouse\21 McKinley Park Poolhouse.dwg Rev: 01 (11/14/22) 11/14/22 11:03:38 AM TBC: 21_102021010338_LCOA_MCKP.dwg Plot Date: 11/14/22 11:03:38 AM User: Eric Wong
 11/14/2022 10:47:59 AM 21 McKinley Park Poolhouse.dwg 21 McKinley Park Poolhouse.dwg

KEYNOTES

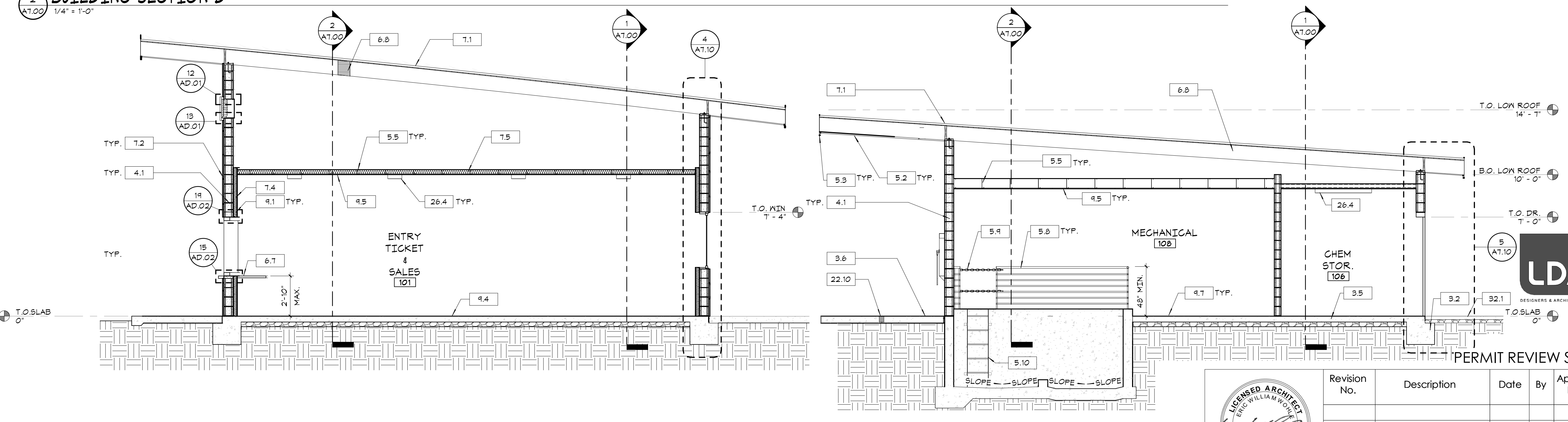
- 3.2 CONCRETE FOOTING - S.S.D.
- 3.3 CONCRETE WALKWAY - S.C.D.
- 3.5 CONCRETE SLAB - S.S.D.
- 3.6 PROPOSED CONCRETE POOL DECK
- 4.1 8X8X16 CMU - GROUND FACE MATERIAL - COLOR SELECTED BY ARCHITECT
- 4.2 6X8X16 CMU - GROUND FACE MATERIAL - COLOR SELECTED BY ARCHITECT
- 5.2 PREFINISHED 24GA METAL SOFFIT PANELS
- 5.3 PRE-FINISHED, CURVED METAL FASCIA WITH TRIM
- 5.5 LIGHT GAUGE METAL CEILING JOISTS - S.S.D.
- 5.8 PUMP AREA FALL PROTECTION - 48" - REF. TO AQUATIC DRAWINGS
- 5.9 PUMP AREA FALL PROTECTION ACCESS CHAIN GUARD - REF. TO AQUATIC DRAWINGS
- 5.10 PUMP AREA ACCESS LADDER - REF. TO AQUATIC DRAWINGS
- 6.1 P. LAM FACED BASE CABINET WITH DOORS AND ADJ. SHELVES
- 6.6 P. LAM FACED UPPER CABINET WITH DOORS AND ADJ. SHELVES
- 6.7 ADA ACCESSIBLE SOLID SURFACE COUNTERTOP WITH AFRON AND BACKSPLASH - TOP @ 2'-10" A.F.F.
- 6.8 ENGINEERED BEAM AND ROOF FRAMING - S.S.D. FOR ROOF ASSEMBLY
- 7.1 STANDING SEAM METAL ROOF PANELS - COLOR SELECTED BY ARCHITECT
- 7.2 PREFINISHED HARDIE BOARD FIBER CEMENT SIDING - FINE SAND ARCHITECTURAL PANEL - COLOR SELECTED BY ARCHITECT
- 7.4 LOOSE BATT WALL INSULATION - S.M.D. FOR SIZE AND R-VALUE
- 7.5 CEILING INSULATION - S.M.D. FOR SIZE AND R-VALUE
- 8.2 HOLLOW METAL DOOR - REFER TO DOOR SCHEDULE
- 9.1 5/8" TYPE 'X' GYPSUM BOARD - PRIME AND PAINT U.O.N.
- 9.3 CERAMIC WALL TILE W/ MORTAR FLOAT - REF. TO SCHED.
- 9.4 SEALED CONCRETE - SMOOTH TROWEL FINISH
- 9.5 5/8" TYPE 'X' GYPSUM CEILING BOARD - PRIME AND PAINT U.O.N.
- 9.7 SEALED, SLOPED CONCRETE - SLOPE TO FLOOR DRAIN - REF. TO PLANS
- 9.9 GOWNED EPOXY FLOORING - SLOPE TO DRAIN - REF. TO FINISH SCHEDULE
- 10.11 ADA COMPLIANT BENCH SEAT 18" HEIGHT X 20"-24" WIDE X 48" MIN LENGTH - SLIP RESISTENT FINISH
- 10.18 ADA COMPLIANT S.S. FOLDING SHOWER SEAT TO BE MOUNTED 18" A.F.F.
- 10.19 S.S. SHOWER CURTAIN ROD AND CURTAIN
- 10.22 ADA COMPLIANT S.S. UNDER SINK PIPE GUARD
- 22.2 LAVATORY - MOUNT TOP OF RIM @ 2'10" A.F.F. - S.P.D.
- 22.10 SLOT DRAIN - S.C.D.
- 26.4 LINEAR LED BOX LIGHTING - S.E.D.
- 32.1 SITE PAVING - S.C.D.



1 BUILDING SECTION C
1/4" = 1'-0"



2 BUILDING SECTION D
1/4" = 1'-0"



3 BUILDING SECTION A
1/4" = 1'-0"

4 BUILDING SECTION B
1/4" = 1'-0"



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

BUILDING SECTIONS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	APPROVED BY:	SHEET NO.
1/4" = 1'-0"	DATE	A7.00
DESIGNED BY EB		129 OF 162 SHTS
DRAWN BY EB		
CHECKED BY EW,EB	CITY ENGINEER	
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By



File Path: \\NA\S\MA\Projects\21013\21013_MCKINLEY_PARK_POOL_RENOVATION\12\Architect\Revit\Revit\Notes - Revit.rvt (11/14/2022 10:03:38 AM) L:\CADD\21013\21013_MCKINLEY_PARK_POOL_RENOVATION\12\Architect\Revit\Revit\Notes - Revit.rvt (11/14/2022 10:03:38 AM) L:\CADD\21013\21013_MCKINLEY_PARK_POOL_RENOVATION\12\Architect\Revit\Revit\Notes - Revit.rvt (11/14/2022 10:03:38 AM) L:\CADD\21013\21013_MCKINLEY_PARK_POOL_RENOVATION\12\Architect\Revit\Revit\Notes - Revit.rvt (11/14/2022 10:03:38 AM)

FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	FINISHES WALLS				BASE CABINET	COUNTER TOP	UPPER CABINET	FINISHES		COMMENTS
				NORTH	EAST	SOUTH	WEST				CEILING	CEILING HEIGHT	
101	ENTRY TICKET & SALES	EP-1	RB-1	P-2	P-1	P-2	P-2	BC-1	CTR-1	UP-1	GB-1	10'-0"	
103	MENS	EP-1	CCT-1	GT-	GT-1	GT-1	GT-1	NONE	NONE	NONE	GB-1	9'-0"	
104	FAMILY SHWR & RR	EP-1	CCT-1	GT-	GT-1	GT-1	GT-1	NONE	NONE	NONE	GB-1	9'-0"	
105	CHEM STOR.	SC-1	GMU-1	GMU-1	GMU-1	GMU-1	GMU-1	NONE	NONE	NONE	GB-1	9'-0"	
106	CHEM STOR.	SC-1	GMU-1	GMU-1	GMU-1	GMU-1	GMU-1	NONE	NONE	NONE	GB-1	9'-0"	
107	ELEC.	SC-1	GMU-1	GMU-1	GMU-1	GMU-1	GMU-1	NONE	NONE	NONE	GB-1	9'-0"	
108	MECHANICAL	SC-1	GMU-1	GMU-1	GMU-1	GMU-1	GMU-1	NONE	NONE	NONE	GB-1	9'-0"	

FINISH MATERIALS SCHEDULE

DESIGNATION	MATERIAL	MFR./PRODUCT	STYLE/COLOR	COMMENTS
BASE				
RB-1	RUBBER BASE	ALLSTATE RUBBER	A60	
CASEWORK				
BC-1	P.LAM	NEVAMAR	TURQUOISE KINETIC AB4440T	
G-1	SOLID SURFACE	CORIAN	EVEREST	
UP-1	P.LAM	WILSONART	OCEAN D502K-1B	
CEILING				
GB-1	PAINT	BENJAMIN MOORE	CLOUD WHITE 967	
FLOOR				
EP-1	EPOXY FLOORING	DURA-FLEX	GLACIER	MICROCHIP
WALL				
GT-1	CERAMIC TILE	DALTILE	VARIES - SEE ELEVATION	EL HEX TILES
P-1	PAINT	BENJAMIN MOORE	CLOUD WHITE 967	
P-2	PAINT	BENJAMIN MOORE	BREWSTER GRAY HC-162	

GENERAL NOTES

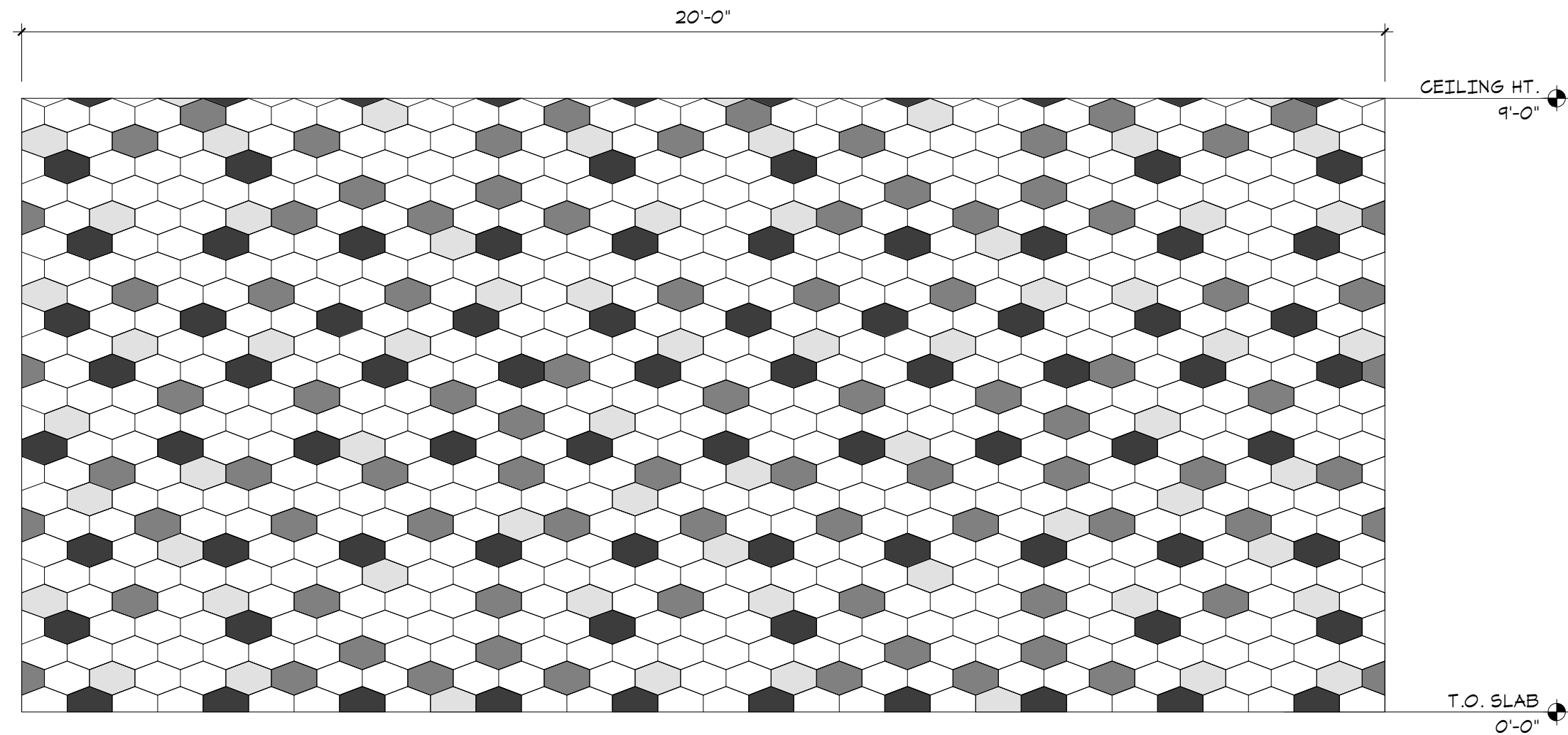
- CASEWORK**
- ALL CASEWORK TO FOLLOW AIA GUIDELINES.
 - ALL LAMINATE PATTERN TO RUN **HORIZONTALLY** UNLESS OTHERWISE NOTED.
 - ALL SOLID SURFACING TO HAVE SQUARE EDGINGS.
 - ALL OPEN CASEWORK TO HAVE MATCHING LAMINATE AS EXTERIOR FACING.
 - ALL INTERIOR CASEWORK MELAMINE TO BE WHITE.
 - CONTRACTOR TO MEET OR EXCEED NAAMS 3.0 CUSTOM OR PREMIUM GRADE STANDARDS

INTERIOR

- ALL GYPSUM BOARD WALLS AND CEILINGS TO BE LEVEL 4 FINISH, UNLESS OTHERWISE NOTED.
- ALL GYPSUM BOARD WALLS AND CEILINGS TO BE PAINTED P-1, UNLESS OTHERWISE NOTED.

LEGEND

- SPOT ELEVATION
- SEALED CONCRETE
- SEALED, COV'D EPOXY



LEGEND

- DALTILE - NATURAL HUES CINDER QH03
- DALTILE - NATURAL HUES AEGEAN QH41
- DALTILE - NATURAL HUES ICEBERG QH82
- DALTILE - NATURAL HUES MIST QH15

1 WALL TILE ELEVATION
1/2" = 1'-0"

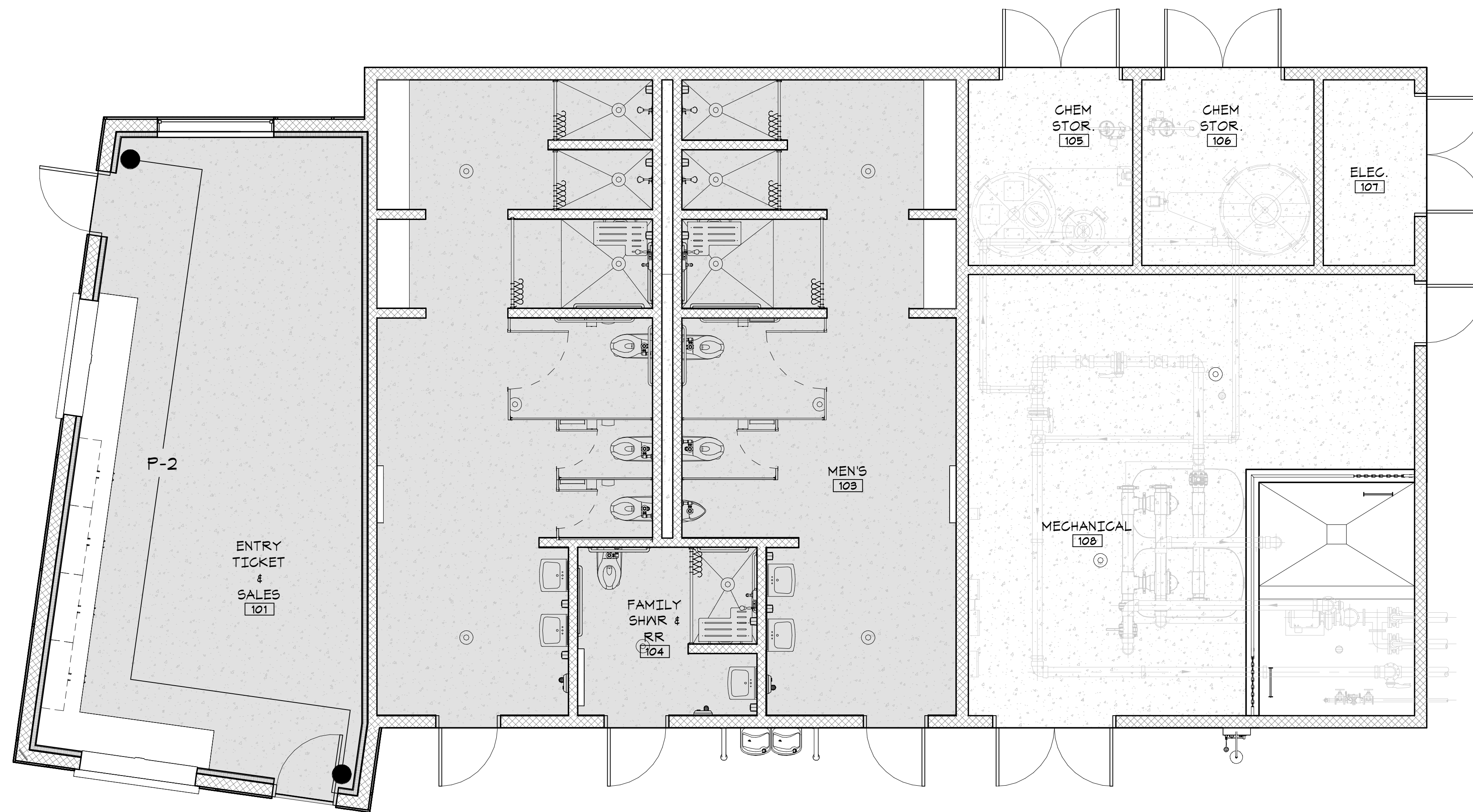
NOTES FOR ROOMS 105, 106, 107, AND 108:

ALL EXPOSED METAL TO BE COATED WITH A HIGH PERFORMANCE PAINT PRODUCT. SUBSTRATES ARE TO BE APPLIED DIRECTLY OVER FERROUS METALS. PAINTING PROCEDURE:

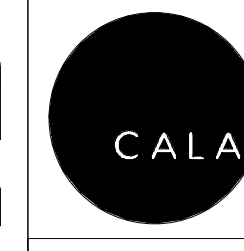
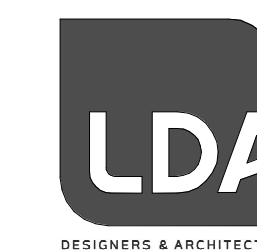
- PRIMER: TNEMEC SERIES 90-41 TNEME-ZINC (SHOP APPLIED) TWO PART MOISTURE - CURED
- SPOT PRIME: TNEMEC SERIES 94 H2O HYDRO-ZINC TWO-PART MOISTURE CURED ZINC-RICH URETHANE COATING
- INTERMEDIATE COAT: TNEMEC HI-BUILD EPOXOLINE II SERIES L64 TWO-PART CATALYZED EPOXY
- SOLID COLOR FINISH COAT: TNEMEC ENDURA-SHIELD II SERIES 1080 WATERBORNE
- CLEAR COAT: TNEMEC SERIES T500VX

ASCE T-16 NON STRUCTURAL ITEMS LIST

- GUARD RAIL
- GRAB BARS
- ELECTRICAL WALL PANELS
- GROUND MOUNTED HVAC EQUIPMENT
- CEILINGS
- POOL WATER CIRCULATION GROUND MOUNTED EQUIPMENT
- WALL MOUNTED FAN COIL



2 FIRST FLOOR FINISH PLAN
1/4" = 1'-0"



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
916.985.4366
www.callanderassociates.com

11/14/2022 CALA PROJECT NO. 21013

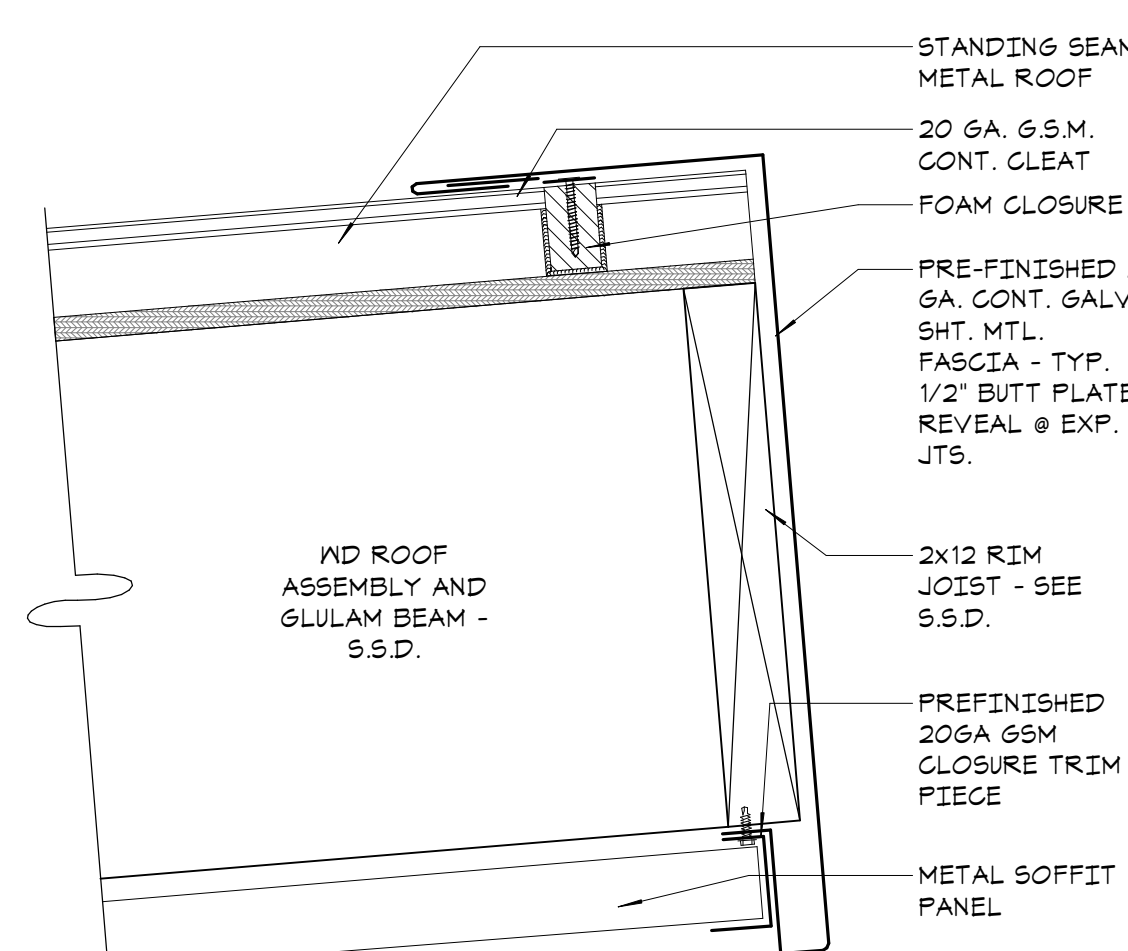
MCKINLEY PARK AND POOL RENOVATION

FINISH PLAN AND SCHEDULES

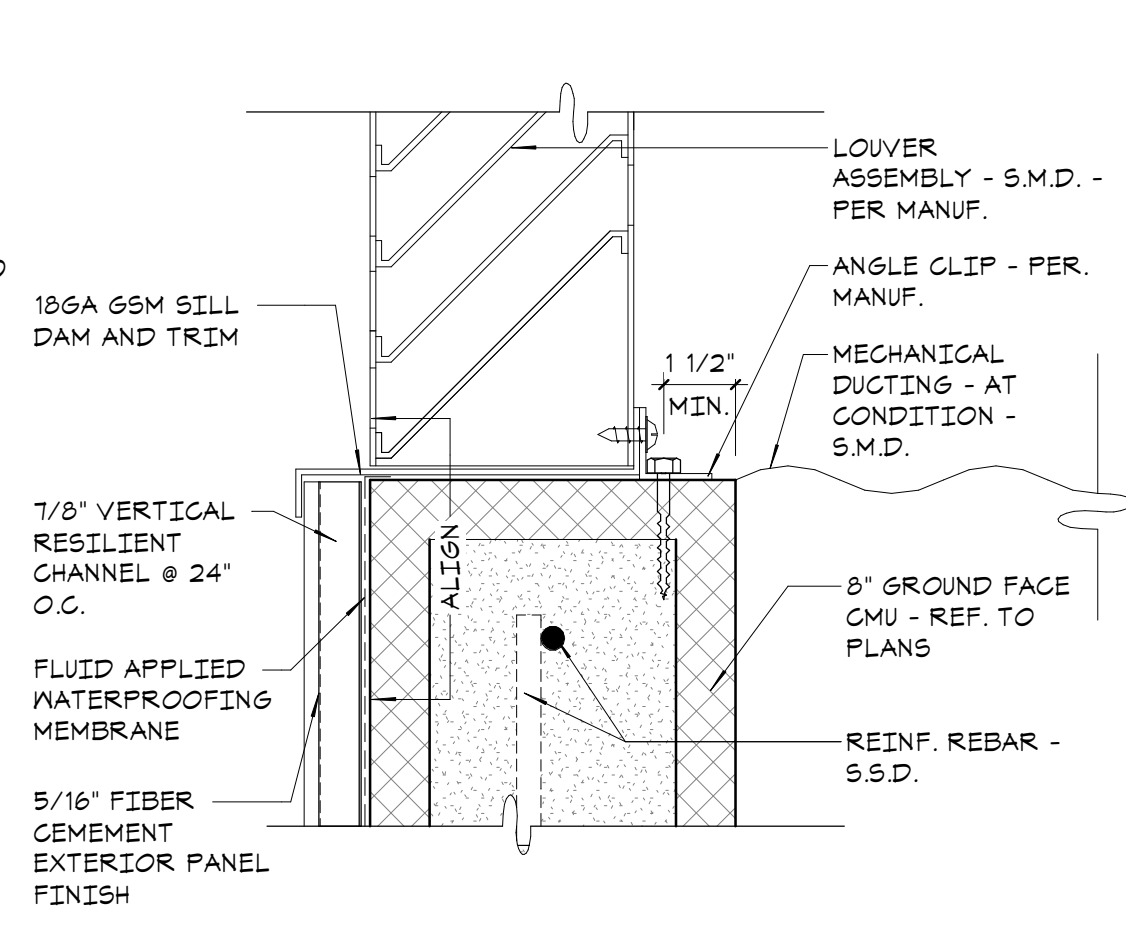
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By	SCALE	As indicated	APPROVED BY:	SHEET NO.
1	PLAN CHECK	11/14/22	EB	EW	DESIGNED BY	EB	DATE	A9.00
					DRAWN BY	EB		132 OF 162 SHTS
					CHECKED BY	EW, EB	CITY ENGINEER	PROJECT NO.
					RECORD DWGS.		STOCKTON, CALIFORNIA	

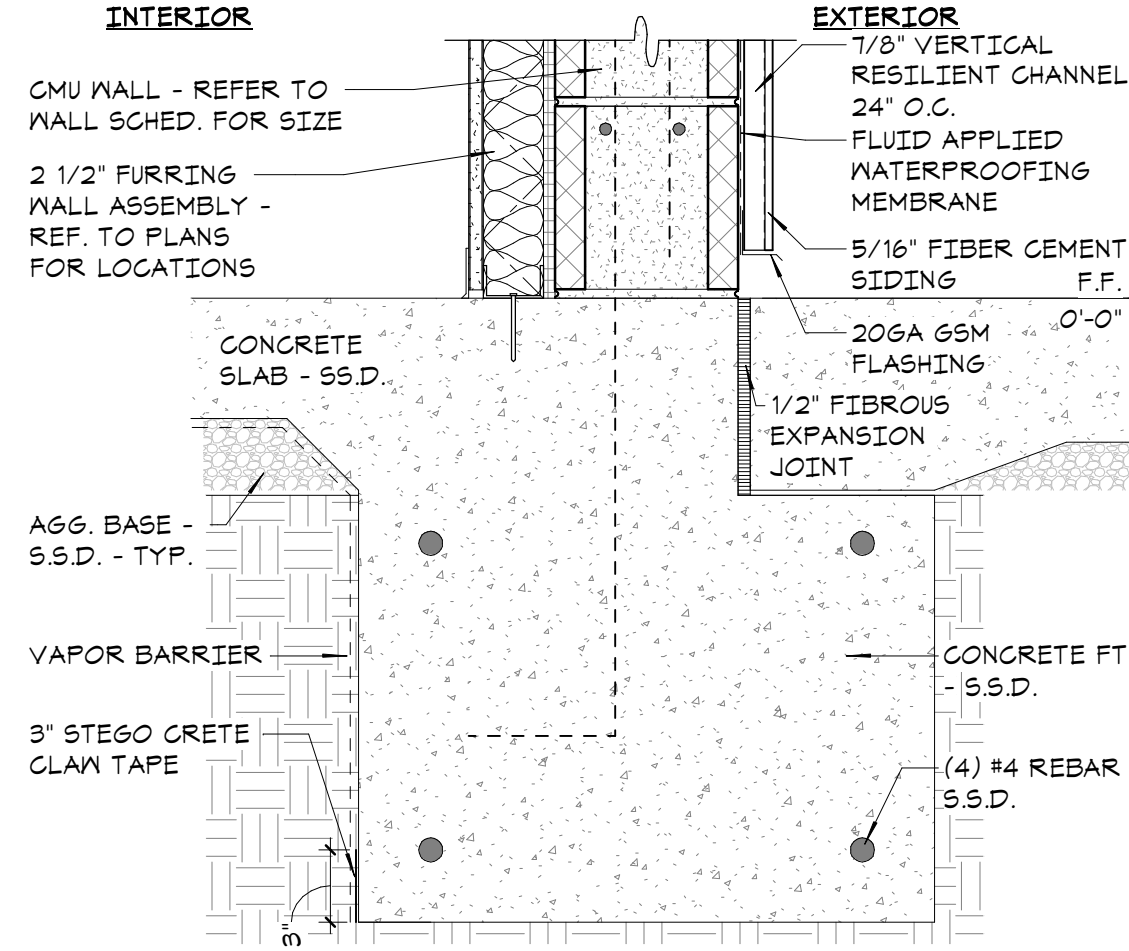




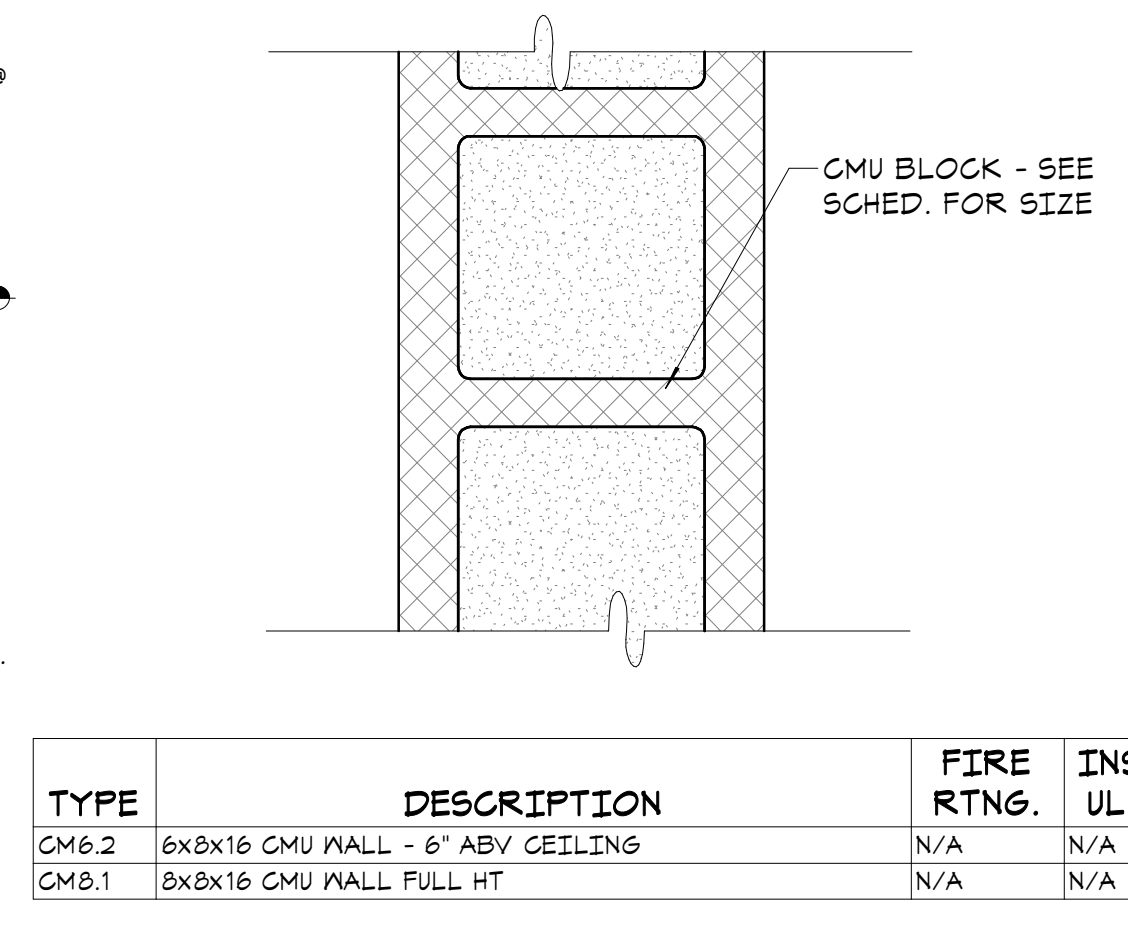
17 HIGH SHED EAVE
AD.01 3' = 1'-0"



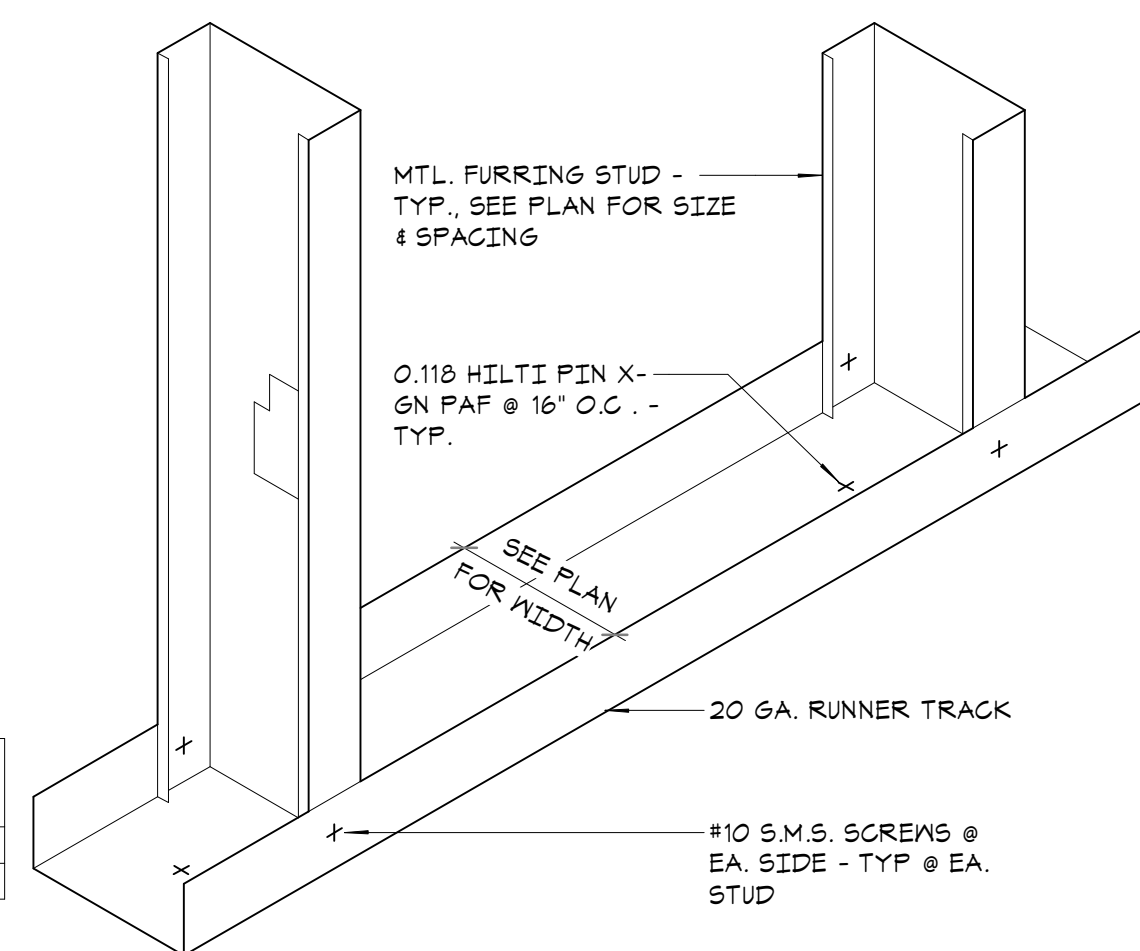
13 LOUVER SILL @ CMU
AD.01 3' = 1'-0"



9 CONC. FOOTING @ WALK & FURRING
AD.01 1 1/2' = 1'-0"

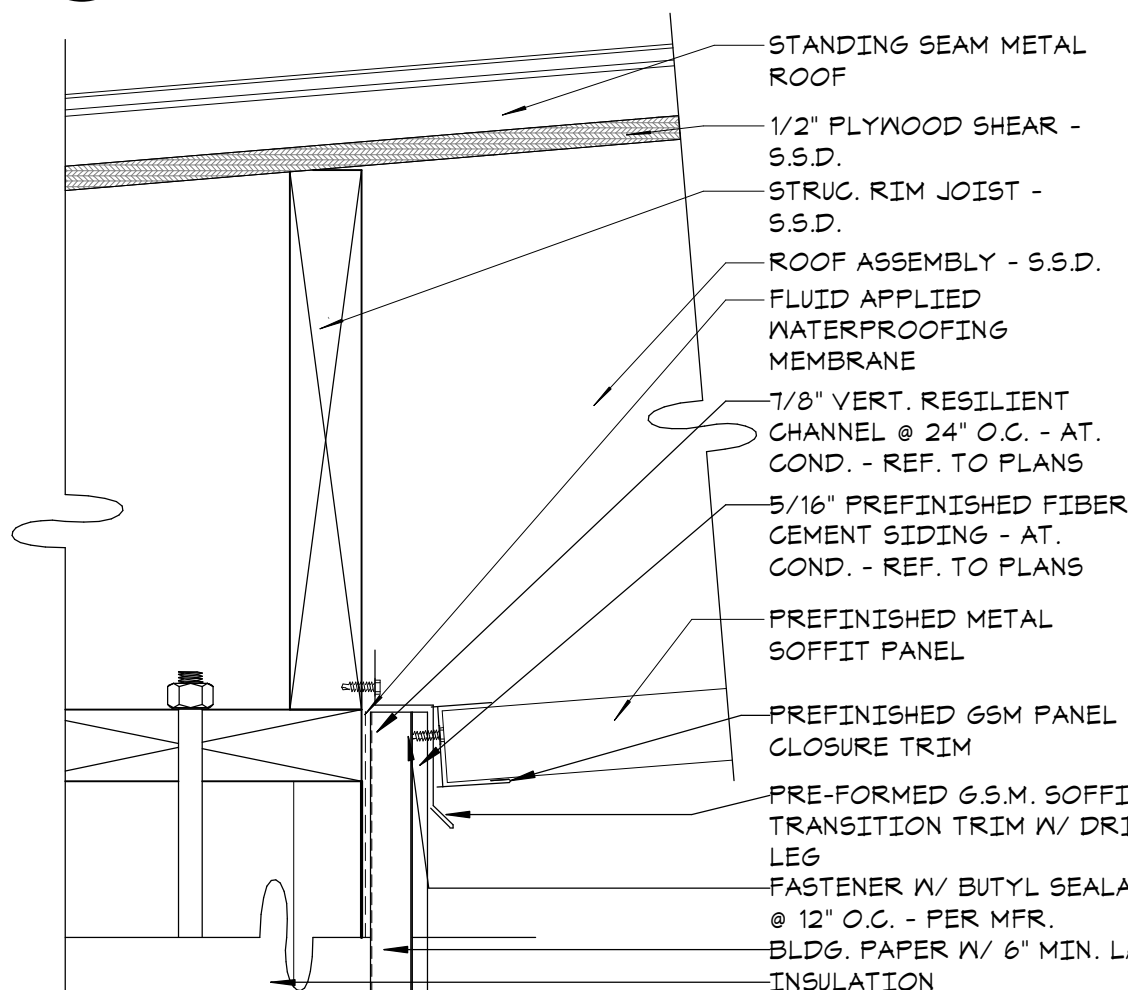


5 CMU WALL TYPE
AD.01 3' = 1'-0"

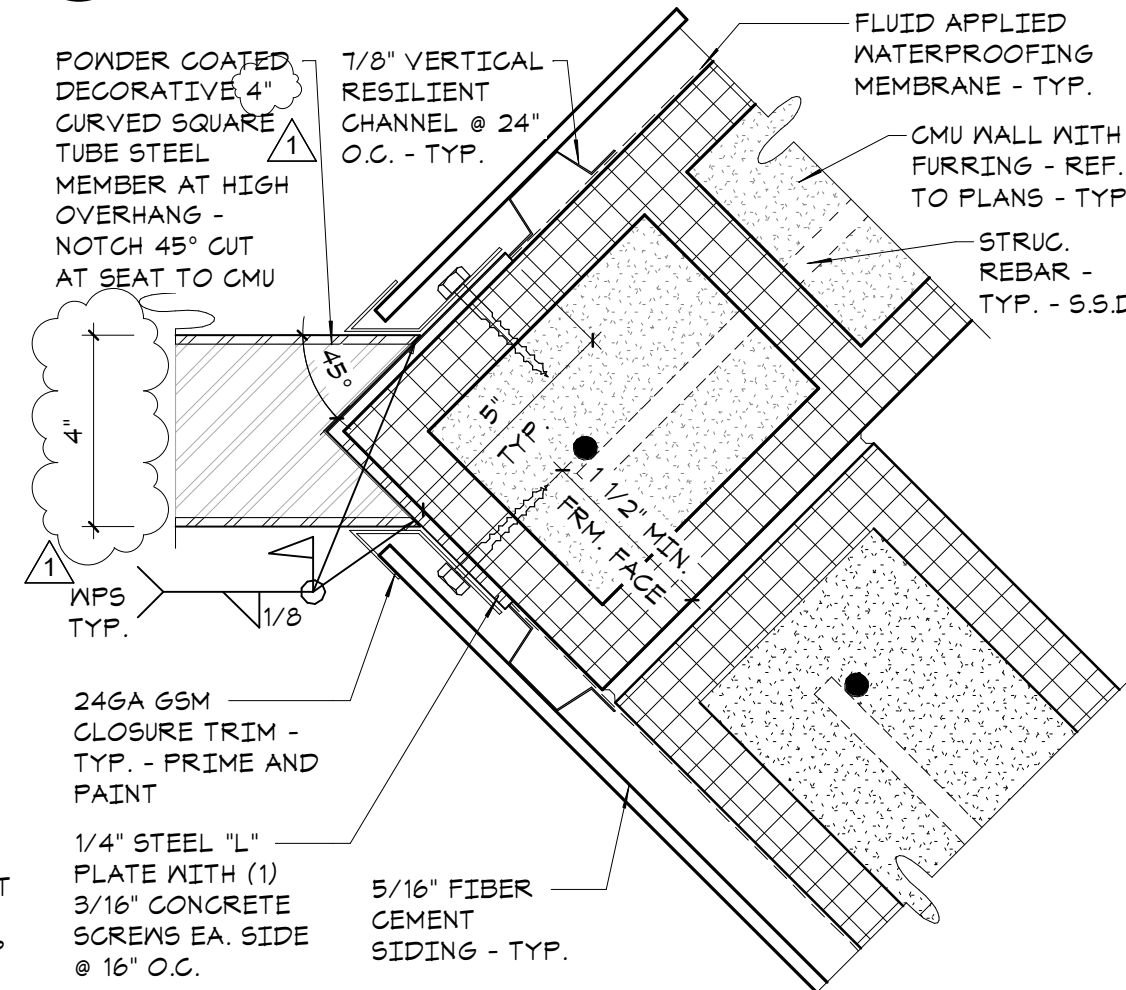


1 BOTTOM TRACK
AD.01 3' = 1'-0"

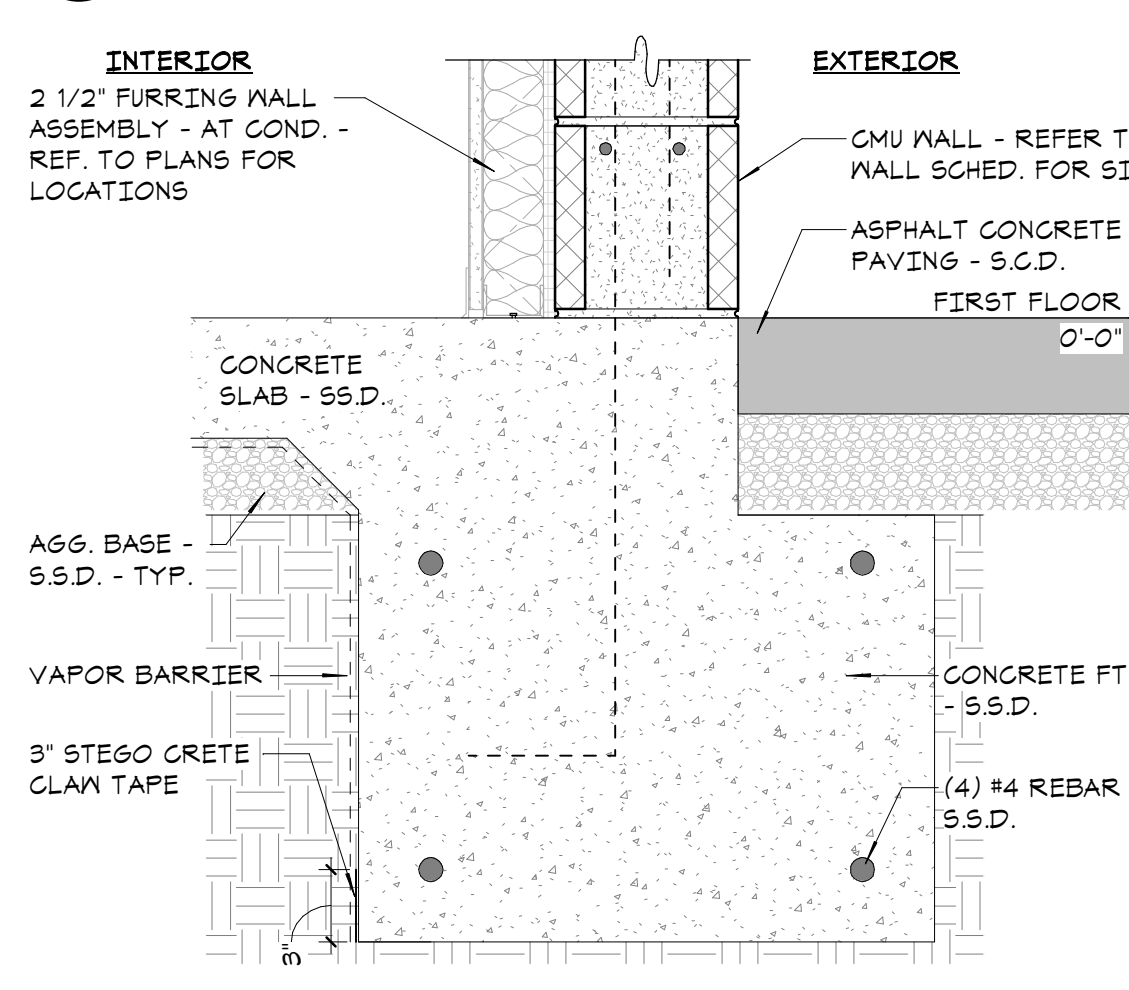
TYPE	DESCRIPTION	FIRE RTNG.	INS. UL.
CM6.2	6x8x16 CMU WALL - 6' ABV CEILING	N/A	N/A
CM8.1	8x8x16 CMU WALL FULL HT	N/A	N/A



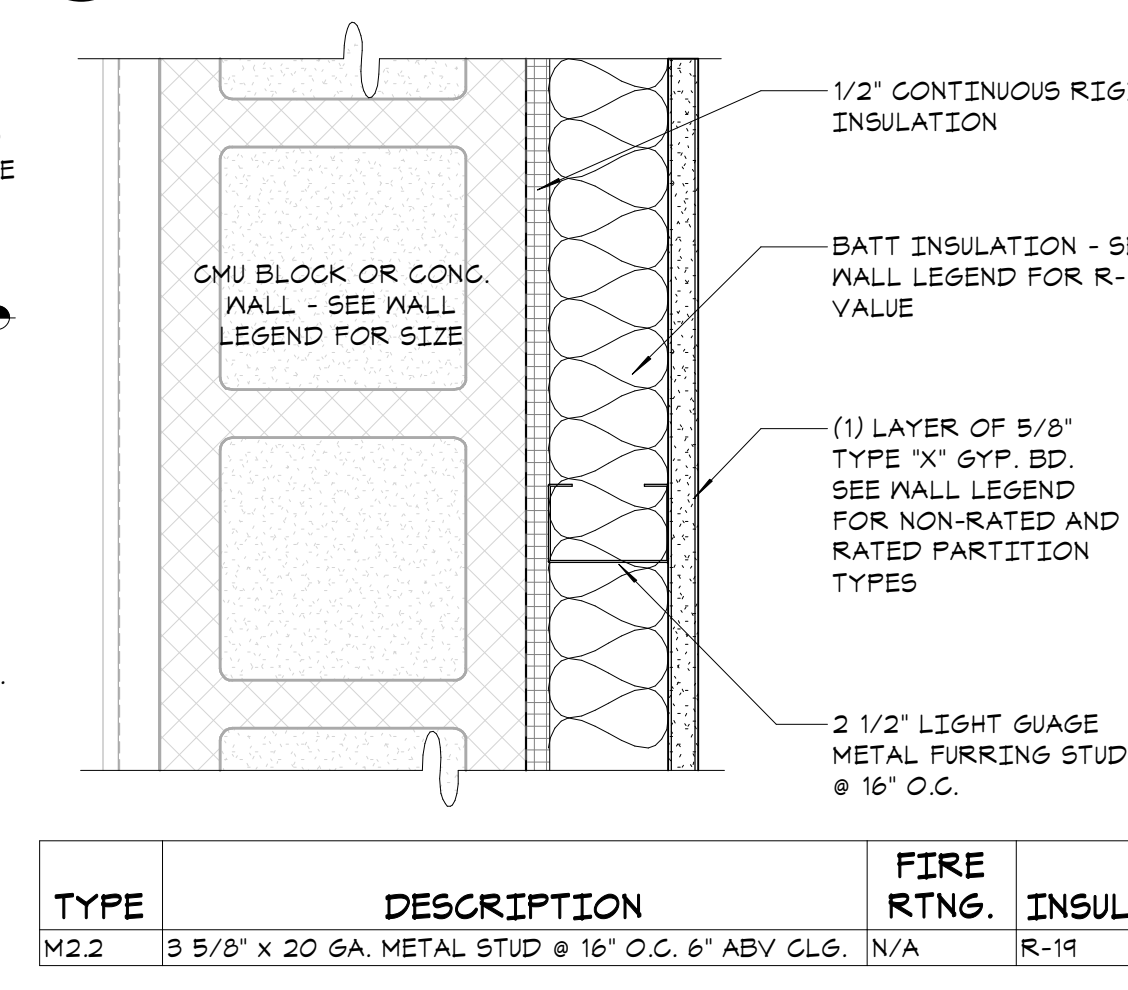
18 HIGH SHED EAVE TO WALL
AD.01 3' = 1'-0"



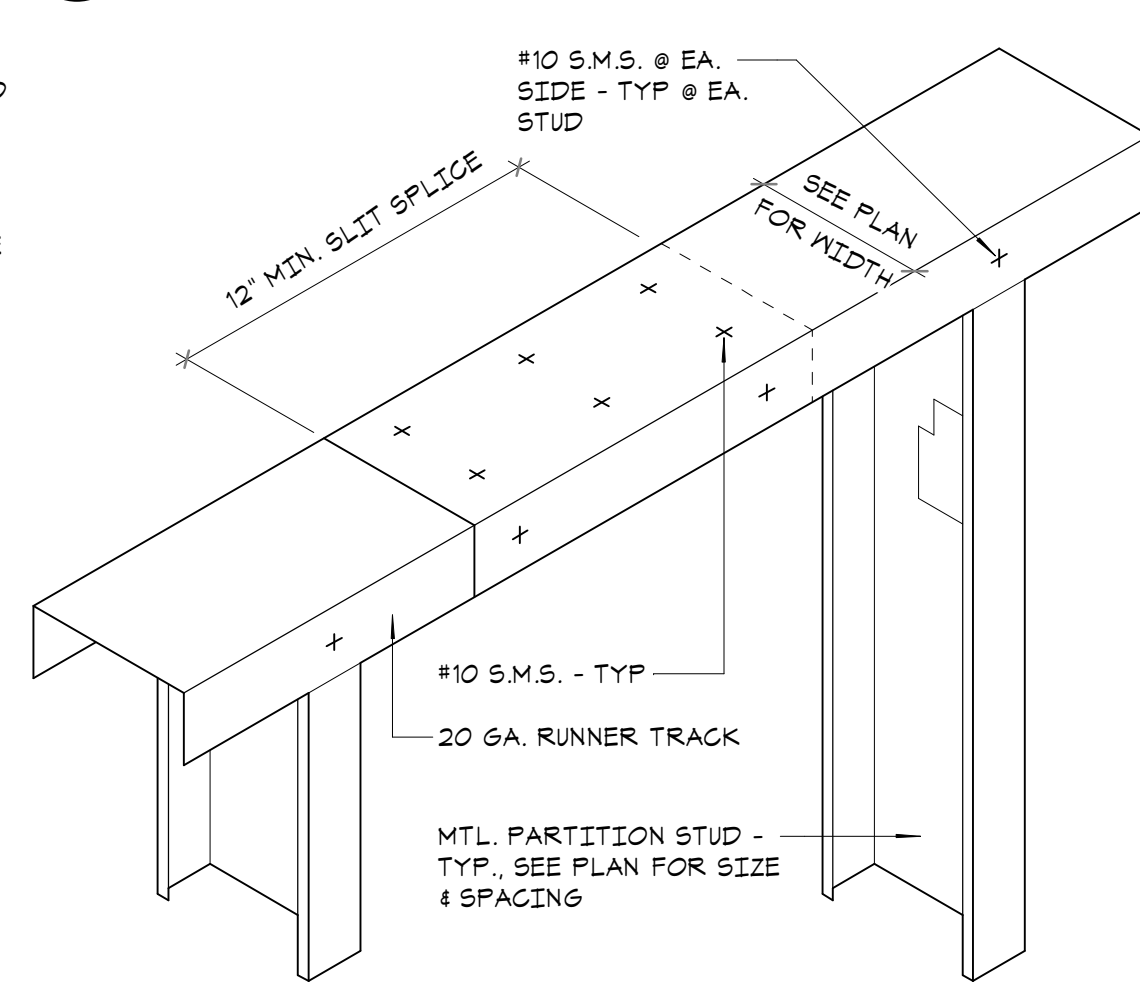
14 CURVED MEMB. TERMINATION @ CMU
AD.01 3' = 1'-0"



10 CONC. FOOTING @ AC
AD.01 1 1/2' = 1'-0"

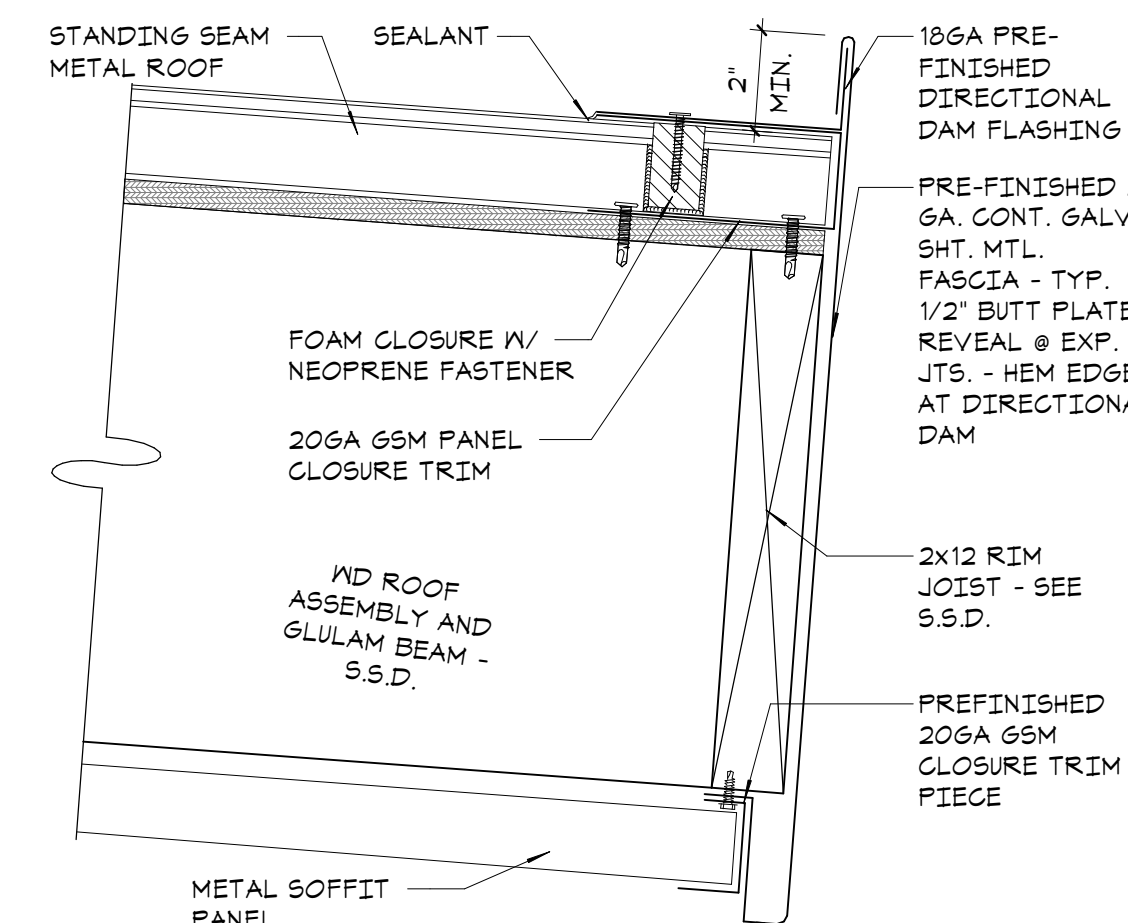


6 METAL STUD FURRED WALL TYPE
AD.01 3' = 1'-0"

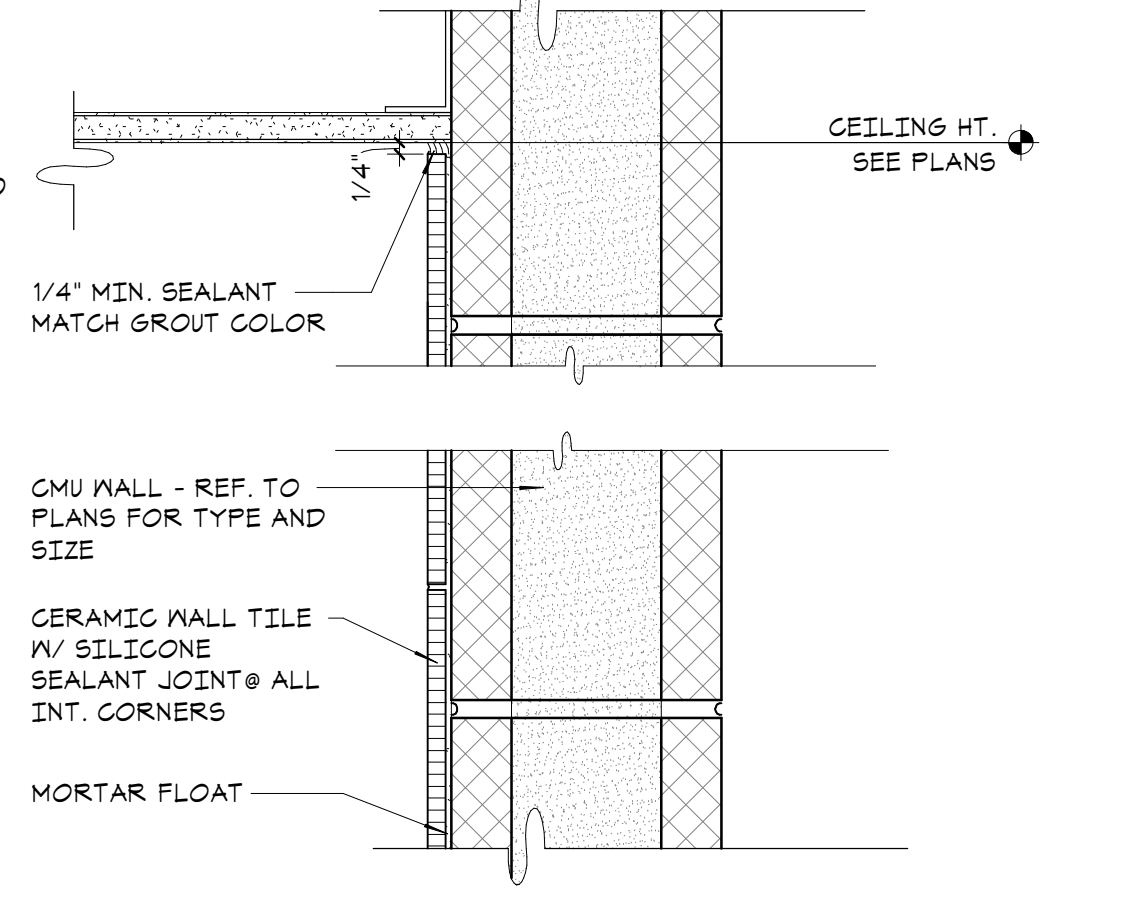


2 TOP TRACK SPLICE
AD.01 3' = 1'-0"

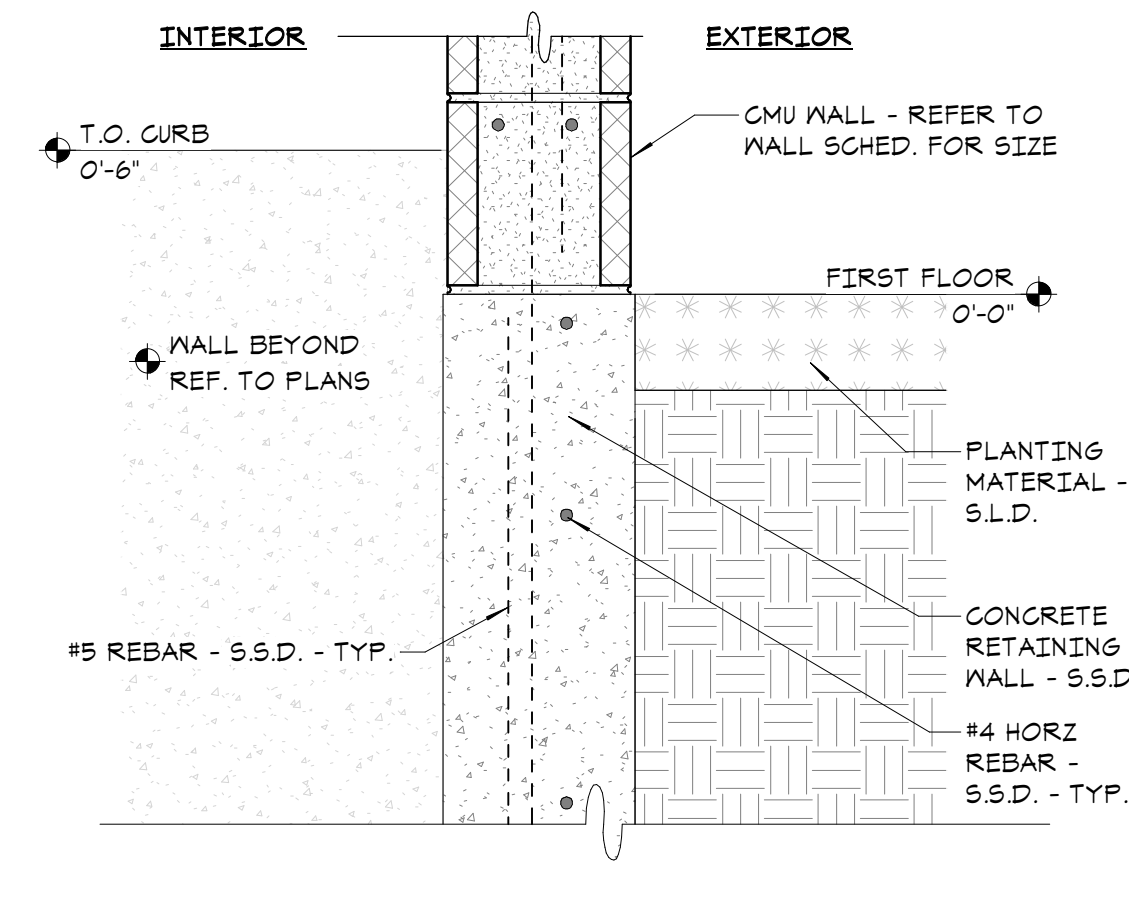
TYPE	DESCRIPTION	FIRE RTNG.	INSUL.
M2.2	3 5/8\"/>		



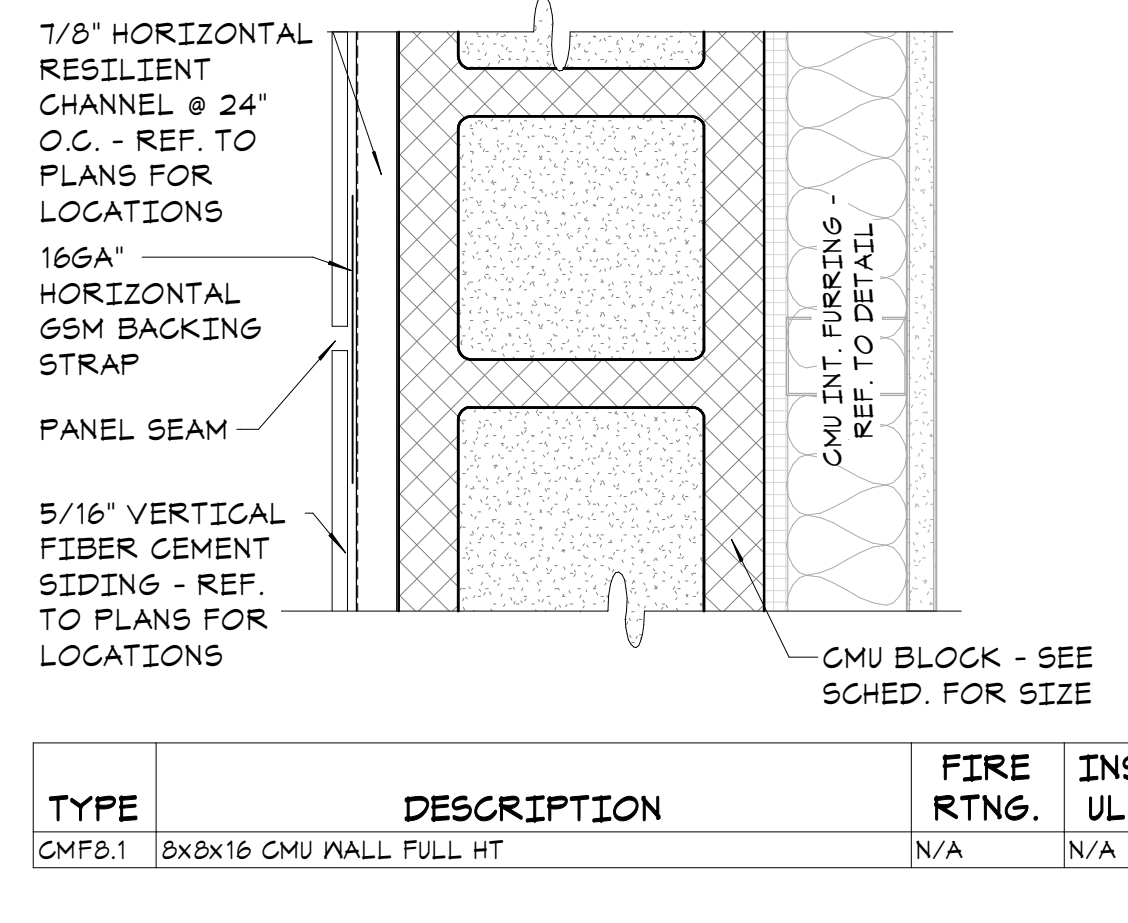
19 FASCIA AND DAM @ LOW EAVE
AD.01 3' = 1'-0"



15 TILE TRANSITION AT CEILING
AD.01 3' = 1'-0"

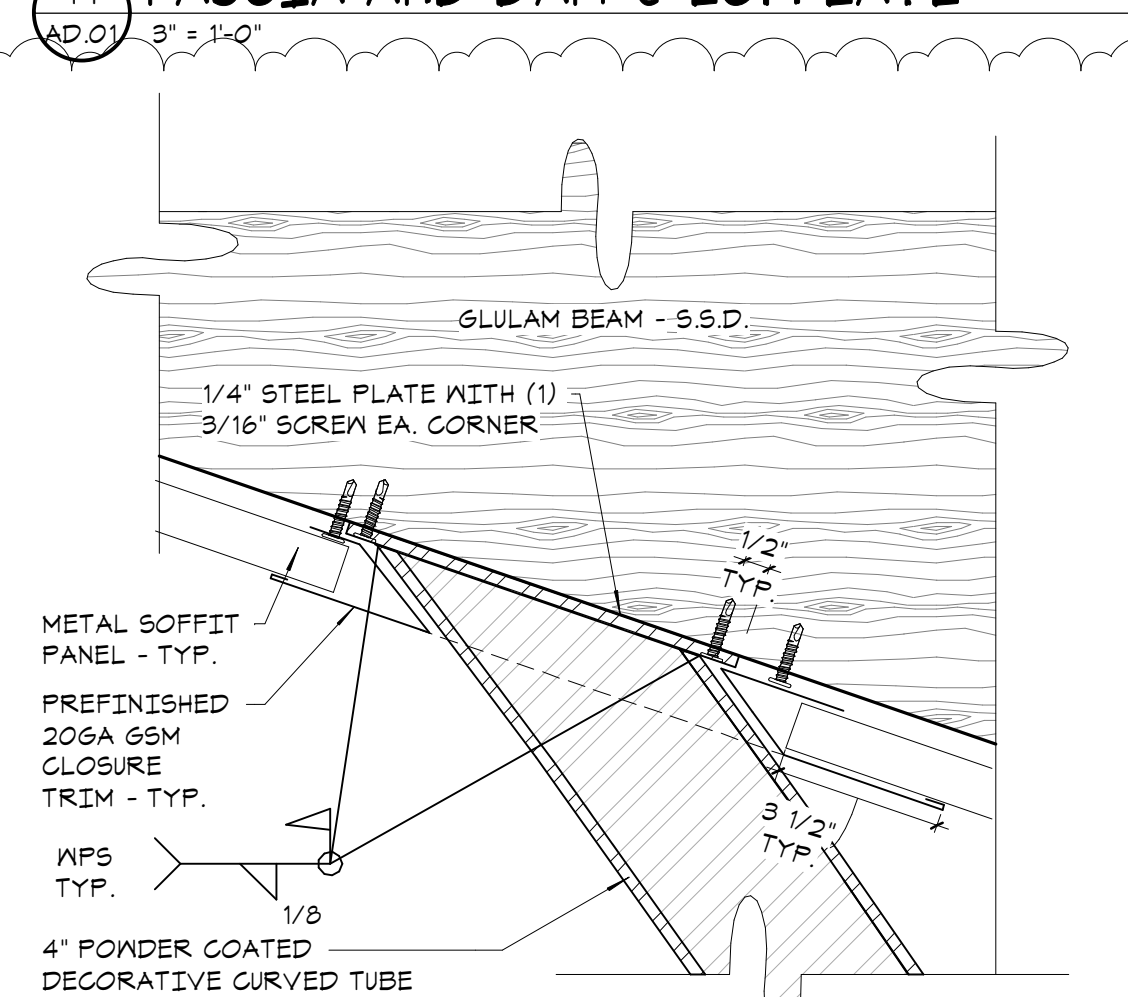


11 CONC. RET. WALL @ LANDSCAPE
AD.01 1 1/2' = 1'-0"

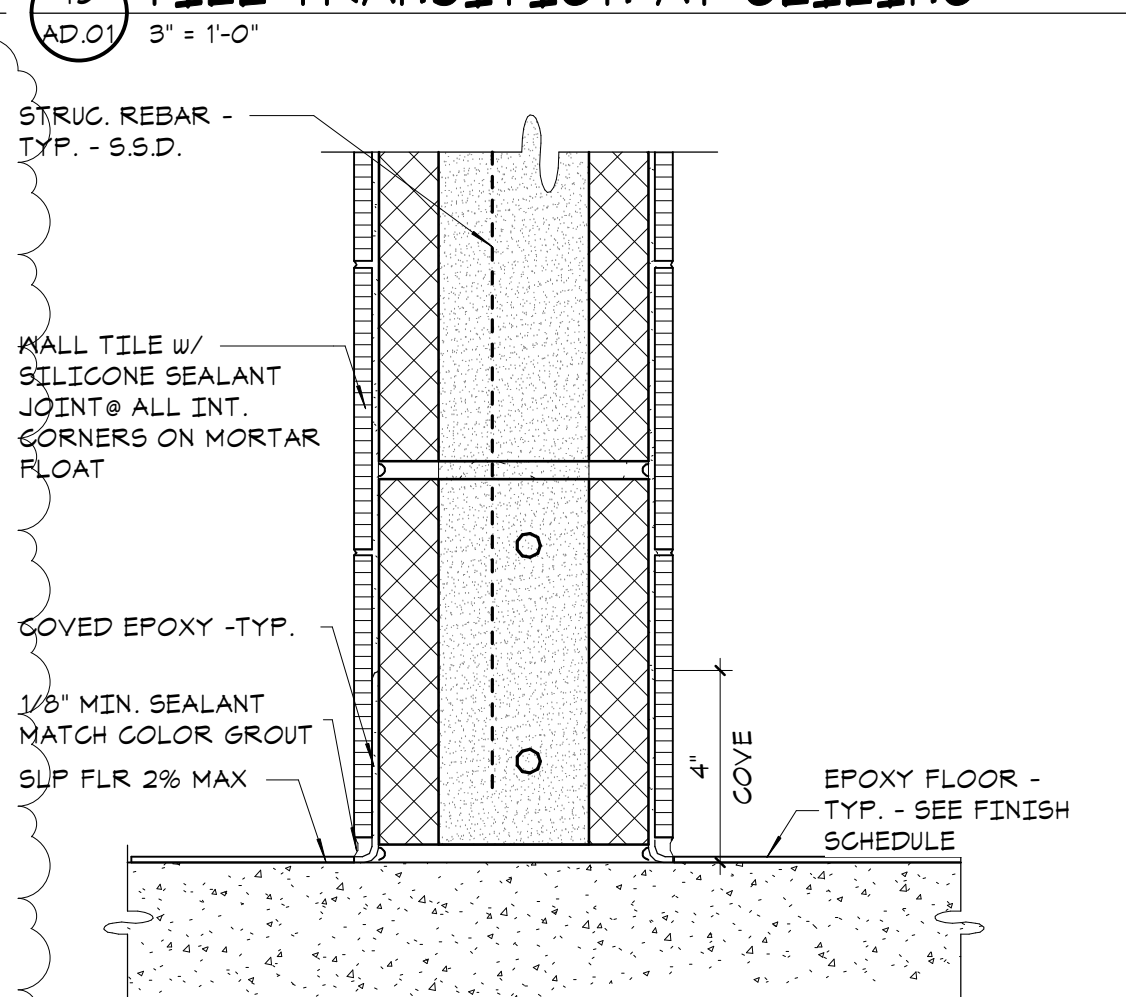


7 CMU WALL TYPE
AD.01 3' = 1'-0"

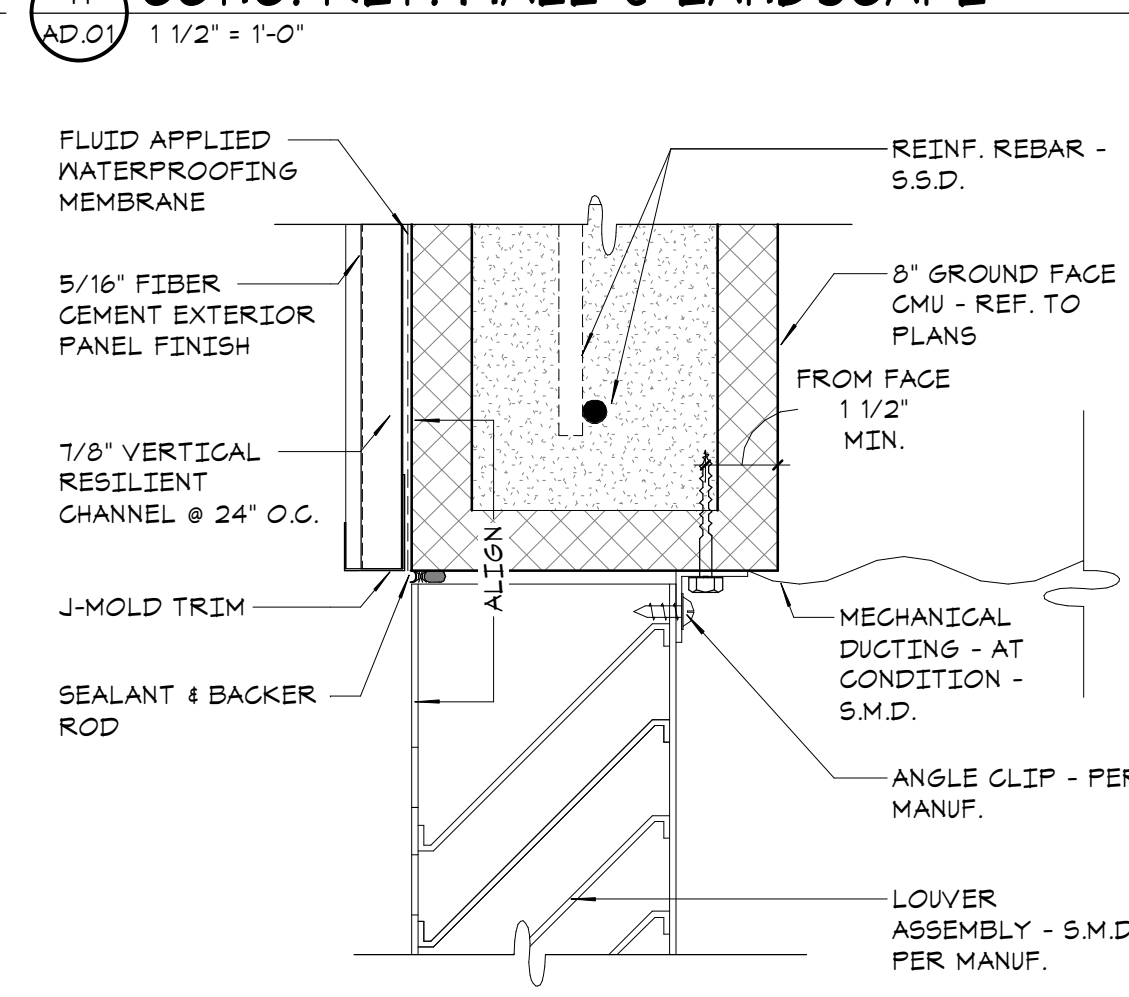
TYPE	DESCRIPTION	FIRE RTNG.	INS. UL.
CMF8.1	8x8x16 CMU WALL FULL HT	N/A	N/A



20 CURVED MEMB. @ SOFFIT
AD.01 3' = 1'-0"



16 WALL TILE AT BASE
AD.01 3' = 1'-0"



12 LOUVER HEAD & JAMB @ CMU
AD.01 3' = 1'-0"



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

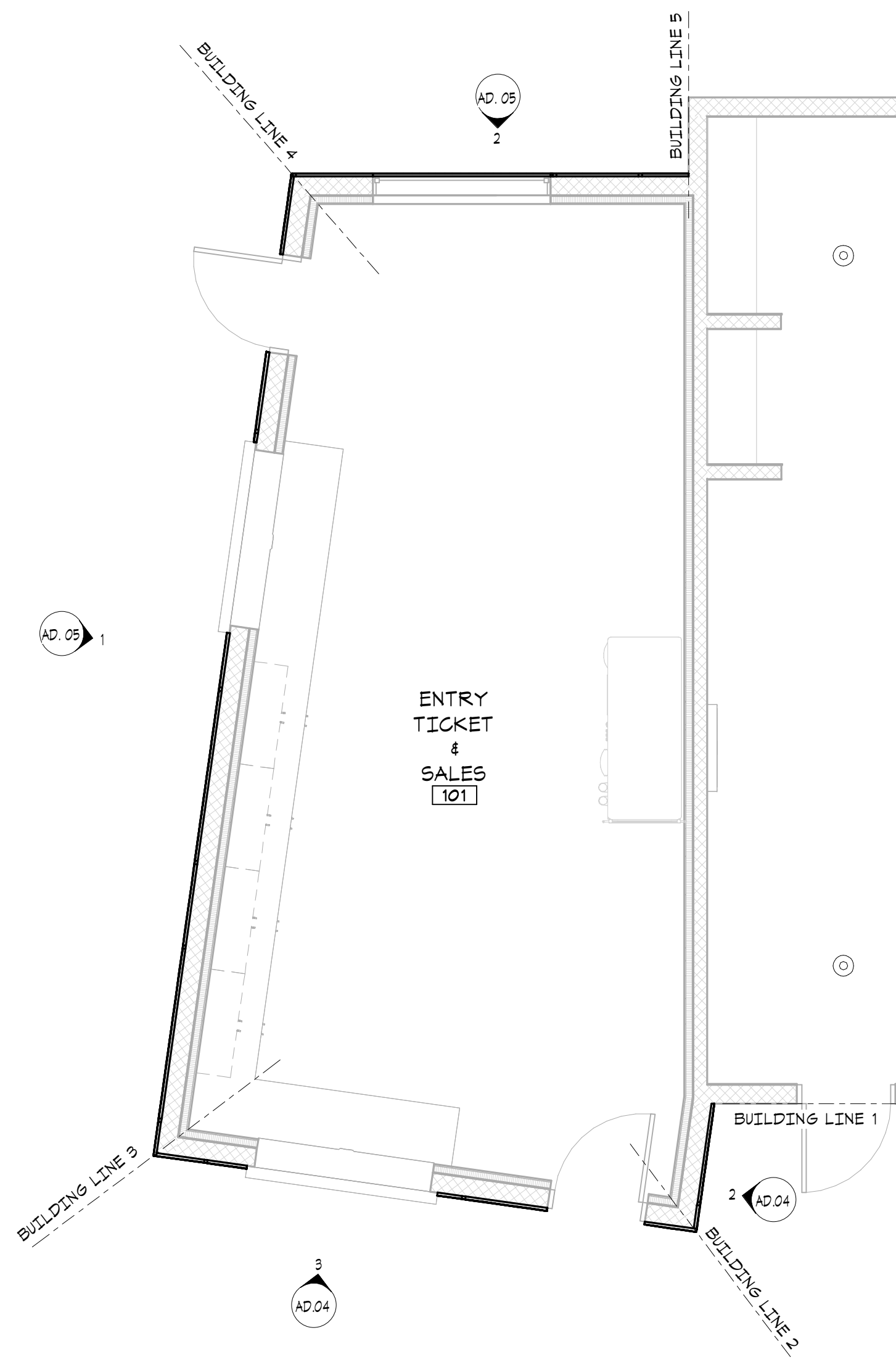
PERMIT REVIEW SET

Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK	11/14/22	EB	EW

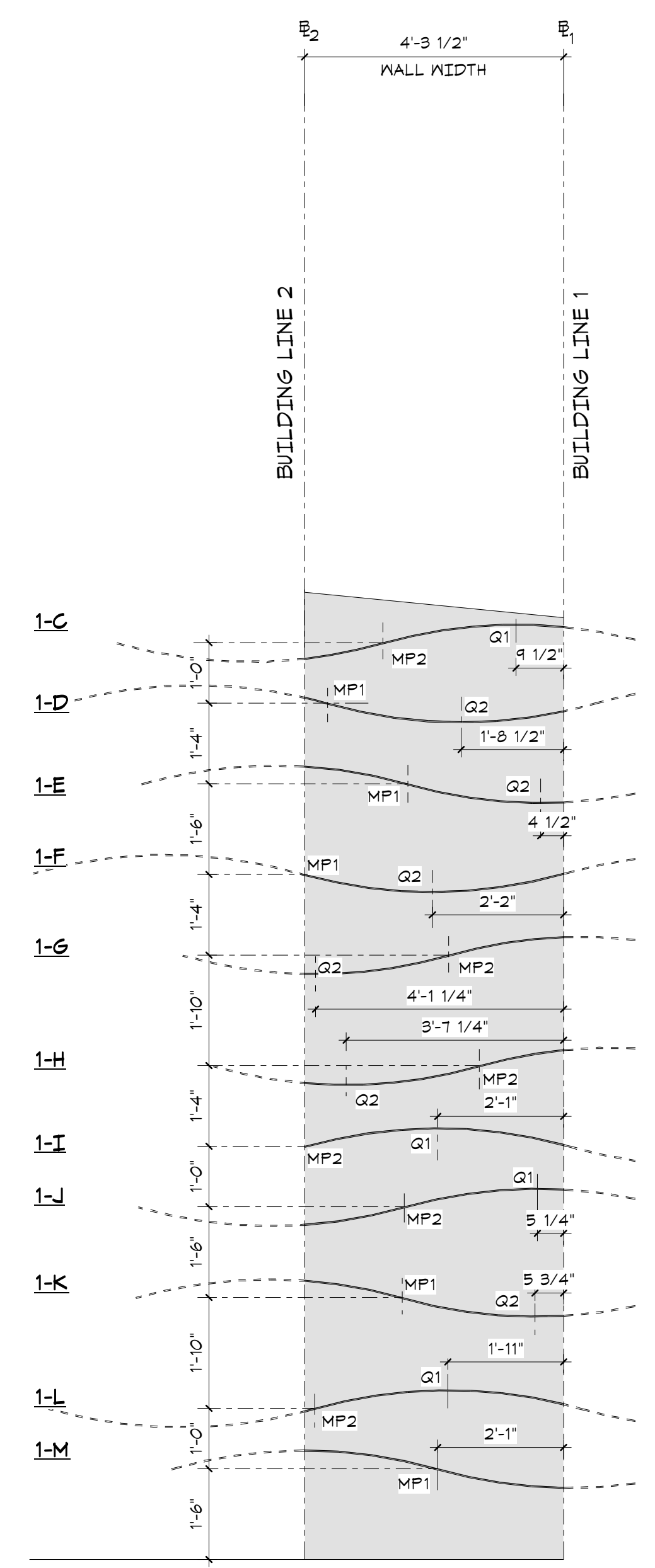
SCALE	APPROVED BY:	SHEET NO.
As indicated	DATE	AD.01
DESIGNED BY EB		134 OF 162 SHS
DRAWN BY EB		
CHECKED BY EW, EB	CITY ENGINEER	
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.



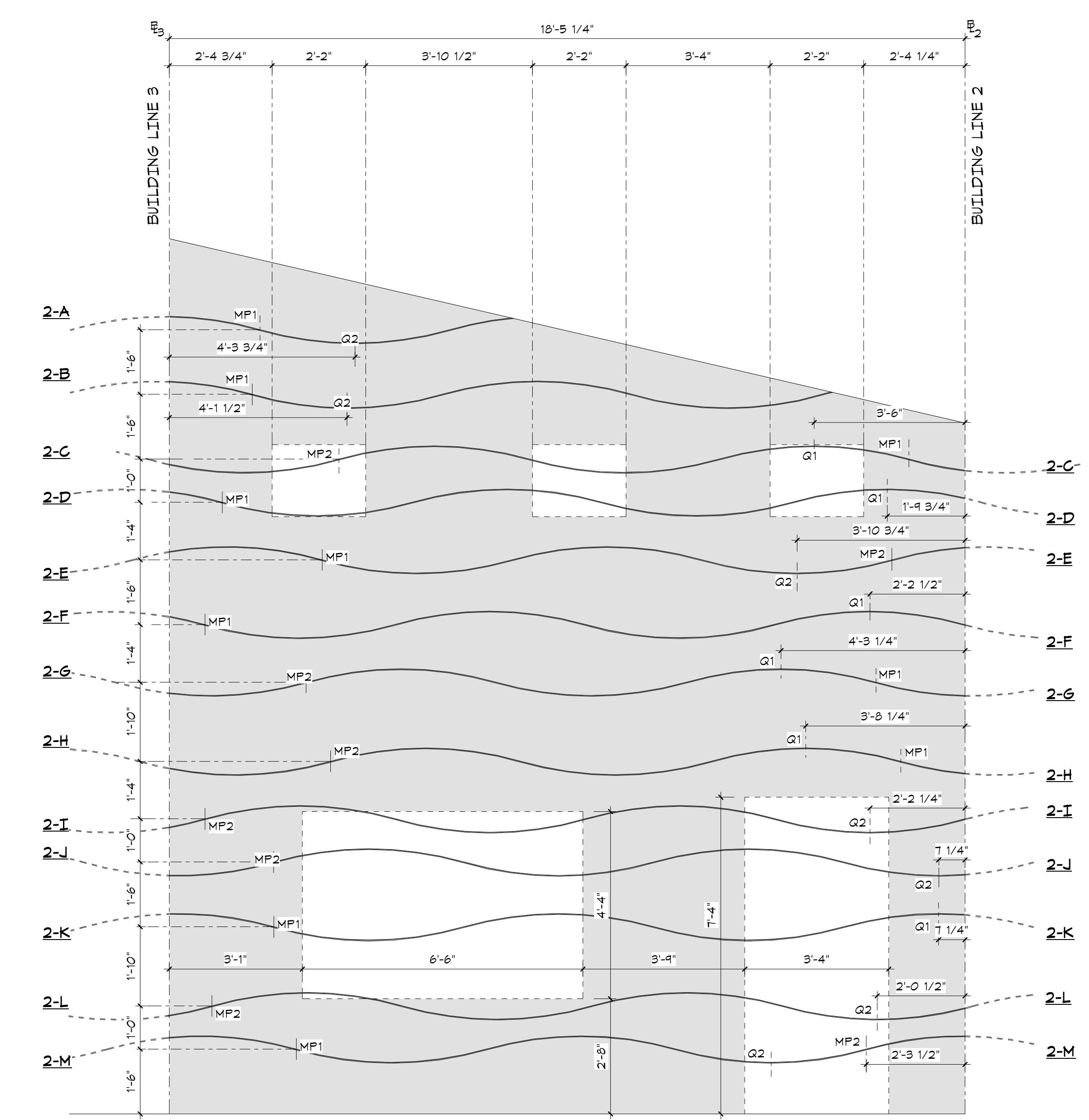
File Path: \\NA-MARKETING\Projects\Collaborative & Assoc. - 578-571-0231 McKinley Park Poolhouse\12-14-2022\21013\21013-01-10000-21013-01-CC-01-MD_KA.dwg Plot Date: 2/14/23 5:06:08 PM
 11/14/2022 10:52 AM 2D Color Plotter Associates, Inc.



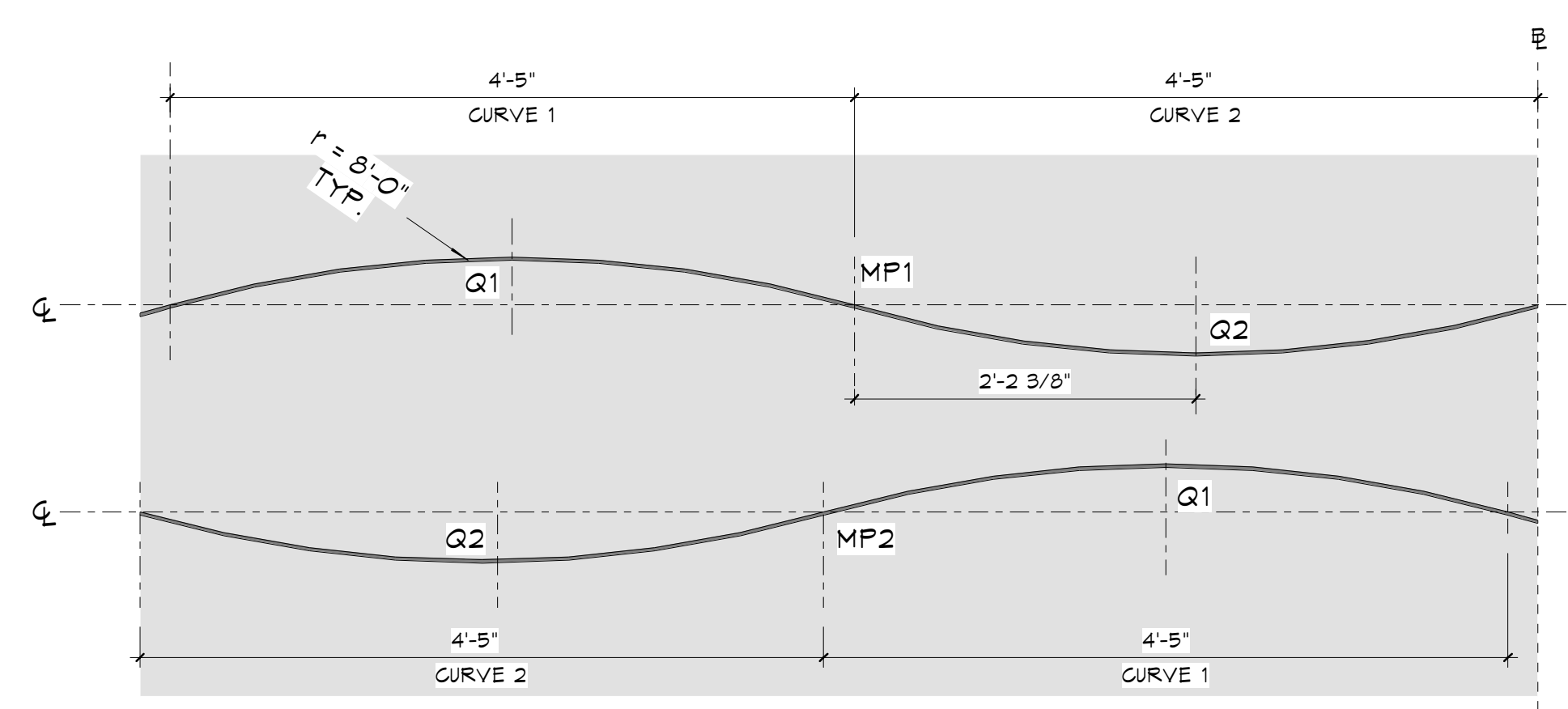
1 ENTRY TICKET & SALES FLOORPLAN
1/4" = 1'-0"



2 WALL 1 - CURVE TEMPLATE
1/2" = 1'-0"

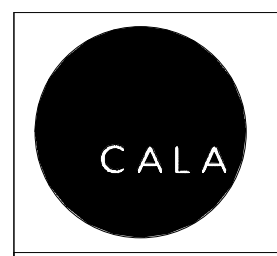


3 WALL 2 - CURVE TEMPLATE
1/2" = 1'-0"



4 CURVE TEMPLATE LEGEND
1" = 1'-0"

LEGEND:
 Q1 - CURVE 1 QUADRANT
 Q2 - CURVE 2 QUADRANT
 MP1 - MIDPOINT 1; B/N Q1 & Q2
 MP2 - MIDPOINT 2; B/N Q2 & Q1
 B - BUILDING LINE



12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 11/14/2022 CALA PROJECT NO. 21013

MCKINLEY PARK AND POOL RENOVATION

FIBER CEMENT CUT TEMPLATE



Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK	11/14/22	EB	EW
	DESIGNED BY		EB	
	DRAWN BY		EB	
	CHECKED BY		EW, EB	
	RECORD DWGS.			

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	APPROVED BY: DATE	SHEET NO. AD.04 137 OF 162 SHTS.
	CITY ENGINEER STOCKTON, CALIFORNIA	PROJECT NO.

File Path: \\NAKMAN\Projects\11\Callender & Associates - 474\AD.04\21 McKinley Park Poolhouse\12\Academy Park Poolhouse\1214.dwg
 User: Eric Hoffer
 Date: 11/14/2022 10:03:38 AM
 Plot Date: 11/14/22 10:03:38 AM
 Plot Path: \\NAKMAN\Projects\11\Callender & Associates - 474\AD.04\21 McKinley Park Poolhouse\12\Academy Park Poolhouse\1214.dwg
 User: Eric Hoffer
 Date: 11/14/2022 10:03:38 AM
 Plot Date: 11/14/22 10:03:38 AM
 Plot Path: \\NAKMAN\Projects\11\Callender & Associates - 474\AD.04\21 McKinley Park Poolhouse\12\Academy Park Poolhouse\1214.dwg

Table 2304.9.10.1 - Fastening Schedule 2019 C.B.C.

Connection	Fastening (a), (m.)
1 JOIST TO SILL OR GIRDER, TOENAIL	3 - 8d common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staples
2 BRIDGING TO JOIST, TOENAIL EACH END	2 - 8d common, 2 - 3" x 0.131" nails, 2 - 3" 14 gage staples
3 1" x 6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2 - 8d common
4 WIDER THAN 1" x 6" SUBFLOOR TO EACH JOIST, FACE NAIL	3 - 8d common
5 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2 - 16d common
6 SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d at 16"oc, 3" x 0.131" nails at 8" oc, 3" 14 gage staples at 12" oc
7 SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	3 - 16d at 16", 4 - 3" x 0.131" nails at 16", 4 - 3" 14 gage staples per 16" WALL PANELS
8 TOP PLATE TO STUD, END NAIL	2 - 16d common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staples
9 STUD TO SOLE PLATE, TOENAIL	4 - 8d common, 4 - 3" x 0.131" nails, 3 - 3" 14 gage staples
10 STUD TO SOLE PLATE, END NAIL	2 - 16d common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staples
11 DOUBLE STUDS, FACE NAIL	16d at 24" oc, 3" x 0.131" nail at 8" oc, 3" 14 gage staple at 8" oc
12 DOUBLE TOP PLATES, TYPICAL FACE NAIL	16d at 16" oc, 3" x 0.131" nail at 12" oc, 3" 14 gage staple at 12" oc
13 DOUBLE TOP PLATES, LAP SPLICE	8 - 16d common, 12 - 3" x 0.131" nails, 12 - 3" 14 gage staples
14 BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	3 - 8d common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staples
15 RIM JOIST TO TOP PLATE, TOENAIL	8d at 6" oc, 3" x 0.131" nail at 6" oc, 3" 14 gage staple at 6" oc
16 TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2 - 16d common, 3 - 3" x 0.131" nail at 6" oc, 3" 14 gage staples
17 CONTINUOUS HEADER , TWO PIECES	16d common 16" oc along edge
18 CEILING JOISTS TO PLATE, TOENAIL	3 - 8d common, 5 - 3" x 0.131" nails, 5 - 3" 14 gage staples
19 CONTINUOUS HEADER TO STUD, TOENAIL	4 - 8d common
20 CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3 - 16d common min. Table 2308.10.4.1, 4 - 3" x 0.131" nails, 4 - 3" 14 gage staples
21 CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3 - 16d common min. Table 2308.10.4.1, 4 - 3" x 0.131" nails, 4 - 3" 14 gage staples
22 RAFTER TO PLATE, TOENAIL	3 - 8d at common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staples
23 1" DIAGONAL BRACE TO EACH STUD AND PLATE, FACE NAIL	2 - 8d common, 2 - 3" x 0.131", 3 - 3" 14 gage staples
24 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3 - 8d common
25 WIDER THAN 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3 - 8d common
26 BUILT-UP CORNER STUDS	16d common at 24" oc, 3" x 0.131" nails at 16" oc, 3" 14 gage staples at 16" oc
27 BUILT-UP GIRDER AND BEAMS, FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES	20d common at 32" oc, 3" x 0.131" nail at 24" oc, 3" 14 gage staple at 24" oc
28 BUILT-UP GIRDER AND BEAMS, FACE NAIL AT ENDS AND AT EACH SPLICE	2 - 20d common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staple
29 2" PLANKS, AT EACH BEARING	16d common
30 COLLAR TIE TO RAFTER, FACE NAIL	3 - 10d common, 4 - 3" x 0.131" nails, 4 - 3" 14 gage staples
31 JACK RAFTER TO HIP, TOENAIL	3 - 10d common, 4 - 3" x 0.131" nails, 4 - 3" 14 gage staples
32 JACK RAFTER TO HIP, FACE NAIL	2 - 16d common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staples
33 ROOF RAFTER TO 2-BY RIDGE BEAM, TOENAIL OR FACE NAIL	2 - 16d common, 3 - 3" x 0.131" nails, 3 - 3" 14 gage staples
34 JOIST TO BAND JOIST, FACE NAIL	3 - 16d common, 4 - 3" x 0.131" nails, 4 - 3" 14 gage staples
35 LEDGER STRIP, FACE NAIL	3 - 16d common, 4 - 3" x 0.131" nails, 4 - 3" 14 gage staples
36 WOOD STRUCTURAL PANELS AND PARTICLEBOARD, SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	6d, 2 3/8" X 0.113" nail, 1 3/4" 16 gage
37 1/2" AND LESS	6d com. or 6d def., 2 3/8" X 0.113" nail 4" oc at edge 8" oc field, 2" 16 gage 4", 8" oc
38 19/32" TO 3/4"	8d common or 8d deformed
39 7/8" TO 1"	8d common or deformed shank
40 1 1/8" TO 1 1/4"	10d or 8d common
41 WOOD STRUCTURAL PANELS AND PARTICLEBOARD, SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	6d deformed shank
42 3/4" AND LESS	8d deformed shank
43 7/8" TO 1"	10d common or 8d deformed
44 1 1/8" TO 1 1/4"	6d Corrosion-resistant siding or casing nail
45 PANEL SIDING (TO FRAMING) - 1/2" OR LESS	8d Corrosion-resistant siding or casing nail
46 PANEL SIDING (TO FRAMING) - 5/8"	1 1/2" 11 gage roofing nail, 1 1/2" 16 gage staple
47 FIBERBOARD SHEATHING - 1/2"	1 3/4" 11 gage roofing nail, 1 1/2" 16 gage staple
48 FIBERBOARD SHEATHING - 25/32"	4d Casing or finish nails spaced 6" on panel edges, 12" at intermediate supports
49 INTERIOR PANELING - 1/4"	6d Panel supports at 24", Casing or finish nails spaced 6" at edges, 12" at intermediate
50 INTERIOR PANELING - 3/8"	

*NOTE: All fasteners attached to pressure treated material shall be hot-dip galvanized (per ASTM A153) or stainless steel or silicon, bronze or copper material. Includes: anchor bolts, hold-down anchors, plywood edge nails, etc. [CBC 2019 § 2304.10.5]



Underground Service Alert of Northern California

Counties Served

Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra, Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, Yuba

Submit a ticket at www.811express.com/
For more information visit: usa.north811.org/
call toll free at 800-642-2444

Foundation:

- Excavations and soil work, including all required inspections during construction, shall comply with the requirements of the Geotechnical Investigation prepared by Geocon (Project No. 52115-05-01), dated April, 2022.
- Geotechnical parameters used for foundation design:
 - Allowable Net Soil Bearing.....2000 psf
 - Coefficient of Friction.....0.3
 - Passive Soil Resistance.....300 pcf
 - Active Soil Pressure.....45 pcf
 - At Rest Soil Pressure.....65 pcf
- All footings shall extend below grade the minimum embedment depth as noted on plans. Grade shall be defined as the lowest of the following:
 - building pad subgrade
 - lowest surrounding soil grade within 5'-0" of the building
- Conventional concrete slabs on grade shall be supported per the Geotechnical Report if provided. Fill material or subgrade material shall be moistened, but not saturated, prior to concrete placement. Care shall be taken as to not damage the integrity of the fill or subgrade material/preparation.
- Backfilling against foundation walls or exterior walls shall not commence until after the top of the walls are restrained by the completed floor or roof systems.
- Adequate drainage away from structural wall or foundation shall be provided by Contractor as required.
- Backfill and re-compaction of all trenches prior to any construction above or adjacent to trench is to be done per soils report (min. 90% compaction).
- Foundation excavations should be properly prepared in accordance with the recommendations of the geotechnical engineer. All footing and pier excavations should be observed by a representative of the geotechnical engineer prior to placement of reinforcing steel, in order to examine competency of soils.

Concrete Masonry Units

- Masonry material specifications are as follows:
 - Concrete Masonry Units
ASTM C90, Grade N-1, Fm = 2,000 psi
 - Mortar - ASTM C270 Type M or S
compressive strength = 1,800 psi (min. at 28 days)
 - Grout - ASTM C476
compressive strength = 2,000 psi (min. at 28 days)
- Units shall be split face block as specified on the design drawings. Concrete bond beams shall be used at horizontal reinforcement. Block shall be cured no less than 30 days before being placed in the wall.
- Slump shall be 8" - 11", and no water reducers allowed. Total weight of cementitious materials in the mix shall not exceed 610 pounds, and Portland Cement may be replaced with up to 40% fly ash, or a combination of 70% fly ash and ground granulated blast-furnace slag.
- All cells and spaces shall be fully grouted.
- Cleanouts shall be provided for all grout pours over 5' high.
- All block shall be laid up in mortar with full head and bed joints. Webs of each course shall center on webs of courses below. Block shall be laid in running bond with tooled concave joints.
- Grout shall be fluid and flowable and shall flow into all joints of masonry without segregation. Do not use coarse grout where dimensions of cell is less than 4". Mechanical vibration shall be used to consolidate the grout under strict control to prevent segregation of grout components.
- Provide a minimum of 1/2" of grout space between reinforcing bars and surface of masonry units.
- Vertical control joints (isolation or expansion joints) shall be placed every 40'-0" o.c. (max.). Joint sealant shall be as specified on design drawings.
- Heights of grout lifts and grout pours shall be as specified on design drawings.
- Pipes and conduits embedded in masonry shall not be placed without approval by the engineer.
- Admixtures may not be used unless approved by the purchaser, or acceptable (per IMS 602), or approved by the enforcement agency.

Basis For Design

Governing Building Code: 2019 CBC							
Risk Category: II							
Loading Information							
Roof		Ceiling		Floors		Storage and Egress	
D	Lr	D	Lr	D	L	Storage	Egress
15 psf	20 psf	10 psf	N/A	N/A	N/A	N/A	N/A
Live loads reduced as permitted by building code							
Seismic							
Seismic Force Resisting System				Analysis Procedure		R	I
Special Reinf. Masonry Shear Walls				ASCE 7-16 Chapter 11		5.0	1.0
Ss	SDS	S1	SD1	Site Class	Seismic Design Category	Cs	Rp
0.740	0.596	0.287	0.388	D	D	0.119	N/A
Risk Category : II							
Seismic Design For Building Structures (ASCE 7-16 CH.12)							
Wind							
Analysis Procedure: ASCE 7-16							
Main Wind Force Resisting System				Component & Cladding (PSF)			
V	exposure	qz	GCp1	N/A	N/A	N/A	N/A
93 mph	B	13.17 psf	0.18	N/A	N/A	N/A	N/A
Deflection Limits:							
Wood Roof Elements: Trusses and Joists							
Total load: L/240							
Live Load: L/360							

Wood

- Sawn framing lumber shall comply w/ the latest edition of the grading rules of Western Wood Products Association or the West Coast Lumber Inspection Bureau. All sawn lumber shall be stamped with the grade mark of an approved lumber grading agency. Sawn lumber shall have the following minimum grade (UNO):

Size	Species & Grade
2x4 studs, blocking & top plates	Doug Fir-Larch, No. 2
2x6 studs, blocking & top plates	Doug Fir-Larch, No. 2
Joists and all other sawn lumber	Doug Fir-Larch, No. 1
4x posts	Doug Fir-Larch, No. 2
6x posts	Doug Fir-Larch, No. 2
- Glued-Laminated beams (GLB) shall be Douglass Fir-Larch Combination 24F-V4 at simple span beams and 24F-V8 at cantilever and multi-span beams. UNO, and shall have the minimum properties:

$$F_b = 2,400 \text{ psi} \quad F_v = 265 \text{ psi} \quad F_c(\text{Perpendicular}) = 650 \text{ psi} \quad E = 1,800 \text{ ksi}$$
- Fabrication and handling shall comply with the latest AISC and ASTM standards. Beams shall be manufactured with 2000' radius min. camber unless specifically noted on the plans. All laminations shall be 1-1/2" thick (min.).
- Structural-use panels shall be performance rated by the American Plywood Association (APA). Panels shall comply with I.C.B.O. report No. NER-108, Exposure 1. Install per manufacturer recommendations. Structural-use panels shall conform to IBC standard 23-2 and 23-3. Plywood shall be five-ply sheathing lay up plywood with face grain perpendicular to supports. Plywood may be oriented per shearwall schedule. Oriented strand board (OSB) may be used as an alternate to plywood. Provide blocking at panel edges where indicated on plans. Panels shall conform to the following nominal thickness, span rating and nailing pattern unless noted otherwise:

Thickness	Grade/Materials	Use	Span Rating	Edge Nailing	Field Nailing
1/4"	rated sheathing	walls	-	6d @ 6" O.C.	6d @ 12" O.C.
3/8"	rated sheathing	walls	-	8d @ 6" O.C.	8d @ 12" O.C.
7/16"	rated sheathing	walls/roof	24/16	8d @ 6" O.C.	8d @ 12" O.C.
15/32"	rated sheathing	walls/roof	32/16	8d @ 6" O.C.	8d @ 12" O.C.
1/2"	rated sheathing	walls/roof	32/16	8d @ 6" O.C.	8d @ 12" O.C.
19/32"	rated sheathing	roof	40/20	10d @ 6" O.C.	10d @ 12" O.C.
5/8"	rated sheathing	roof	40/20	10d @ 6" O.C.	10d @ 12" O.C.
3/4" R	rated sheathing	roof	48/24	10d @ 6" O.C.	10d @ 12" O.C.
3/4" F	Structural I	floor	48/24	10d @ 6" O.C.	10d @ 12" O.C.
- Bottom plates resting on concrete or masonry shall be pressure treated douglas fir-larch sole plates and shall be anchored per structural details and shear wall schedule.
- All bolts shall be installed in holes bored with a bit 1/16" larger than the diameter of the bolt. Bolts and nuts seating on wood shall have washers as specified by the plans under the nut. Ding threads or install additional nut to prevent loosening of nuts. Lag bolts shall be installed in pre-drilled holes with wrench.
- All exterior wood for the vision screen shall be pressure treated. All sheathing shall be exterior grade.
- Any location calling out a 16d nail may be substituted for a #8 wood screw of the same length unless otherwise noted except for Simpson connections.
- All light framing connections shall be per CBC table 2304.9.1, unless otherwise stated on the plans.
- All fasteners which are to be installed in preservative treated wood shall meet the requirements of CBC 2304.10.5.

Concrete:

- Min. 28 day compressive strength..... 2500 psi
Max. Water to Cement Ratio 0.45
Concrete Slump 4"-6"
- Concrete mix designs shall be done by a certified laboratory and approved by the Engineer.
- All concrete shall be regular weight of 145-150 pounds per cubic foot using aggregates conforming to ASTM C33. Water shall be clean and potable.
- Portland Cement shall be Type II and conform to ASTM C150.
- No more than 90 minutes shall elapse between concrete batching and placement, unless approved by Engineer or Authorized Testing Agency.
- Concrete mixing, transport, & placement shall be per ACI 304. Mechanically vibrate all concrete as necessary when placed to achieve a uniform placement minimizing voids. Remove all details from forms before placing concrete. Concrete shall not be allowed to be dropped through reinforcing steel or greater than 5 feet or any situation that may adversely affect the air entrainment or structural properties of the concrete. Care must be taken when placing slabs on grade as to not disturb the subgrade material.
- All items to be cast in concrete such as reinforcing steel, ducts, anchor bolts, dowels, pipes, sleeves, conduits, etc., shall be securely fastened to prevent movement during the concrete placement.
- Concrete slab on grade control joints shall be placed such that the enclosed area is less than 150 square feet (12' x 12'), unless otherwise stated on plans or an approved mix design allowing greater enclosed area is approved.
- Pipes shall not be embedded in structural concrete unless stated on the plans or approved by the Engineer. Maximum pipe size shall be 1/3 of the slab thickness, located at mid-depth. Minimum spacing shall 3 times the pipe diameter. Pipes/sleeves shall not impair the strength of the member.
- Protect concrete from hot or cold weather conditions, which can reduce strength or damage concrete, in accordance with ACI 305 and 306.
- Anchor bolts for general use and at hold down locations shall be ASTM F1554 Gr. 36 bolts, with A563 Grade A heavy hex nuts & F436 Type I washers.

Reinforcing Steel:

- Reinforcing steel shall conform to the requirements of ASTM 615. Reinforcing steel shall be Grade 60 (Fy = 60 ksi) deformed bars for all bars #4 and larger including bars used for concrete walls, beams or columns. Reinforcing may be grade 40 (Fy = 40 ksi) deformed bars for all bars #3 and smaller unless otherwise noted on plans. Reinforcing shall be bent cold. Bars are allowed only one bend per detail, no straightening and re-bending is allowed.
- Lap splices of reinforcing steel in concrete shall be according to ACI 318 Chapter 25 or lap schedule where present, unless otherwise noted. Stagger splices a minimum of one lap length. No tack welding of reinforcing bars is allowed manual apply. Provide bent corner bars to match and lap with horizontal bars at all corners and intersections per typical details. Vertical bars shall be spliced at or near floor lines. Splice top bars at center line of span and bottom bars at the support in spandrels, beams, grade beams, etc., unless otherwise noted.
- Mechanical splice couplers shall have current ICBO approval and shall be capable of developing 125% of the bar strength.
- Welding of reinforcing bars, metal inserts, and connections shall conform to AWS D.4, and shall be made only at locations shown on the plans or details. All reinforcing to be welded shall be ASTM A706, Grade 60 weldable steel.
- Reinforcing bar spacing shown on plans are maximum on centers. All bars shall be detailed and placed per CRSI specifications handbook. Securely tie all bars in location prior to concrete placement.

Code Compliance:

All work shall be performed in accordance with the following codes, including but not limited to:
 2019 California Building Code
 2019 California Electrical Code
 2019 California Mechanical Code
 2019 California Plumbing Code
 2019 Building Energy Efficiency Standards
 2019 California Existing Building Code
 2019 California Fire Code
 2019 California Green Building Code
 Any Codes Referenced by the CBC, e.g. ASCE 7, ACI 318, 2018 IBC, AISC-360, etc.



Revision No.	Description	Date	By	Aprvd. By

General Notes:

- These drawings have been prepared using standards of professional care and completeness normally exercised under similar conditions by a reputable Engineer. They necessarily assume the work depicted will be performed by an experienced Contractor and/or workman who has a working knowledge of the applicable code, standards and requirements of industry acceptable standards of good installation/construction practices. As not every condition or detail is (or can be) explicitly shown on these drawings, it is understood that the Contractor will use acceptable industry standard good practice for all miscellaneous work not shown on the plans.
- Calculations and design of miscellaneous non-structural items, such as stairs, railings, non-structural walls and prefabricated items, such as roof trusses or floor trusses, are not included and are to be provided by others unless specifically noted on these drawings.
- These drawings represent the finished structure. They do not explain the method of construction. The Contractor shall be solely responsible for construction means, methods, techniques, sequences, schedule and procedures. It shall be the Contractor's responsibility to design and provide adequate shoring, bracing, form-work, etc., as required for the protection of life and property during construction. Visits to the site by the Engineer shall not include inspection of this item.
- During construction materials shall be uniformly spread out such that the design live load per square foot as stated herein is not exceeded. Visits to the site by the Engineer shall not include inspection of this item.
- The Contractor shall be responsible for all excavation procedures including shoring and protection of adjacent property, structures, streets and utilities in accordance with local building codes, the local building department and/or OSHA requirements.
- The Contractor shall be responsible for verification of all dimensions, conditions and elevations within architectural and/or structural drawings prior to the start of construction. The Contractor shall inform the Architect or Engineer in writing of any discrepancies or omissions noted on the drawings. Any such discrepancy, omission or variance not reported before the start of the construction shall be the responsibility of the Contractor. If discrepancies exist on these drawings, notes and details shall take precedence over the general notes.
- Where reference is made to codes or test standards for materials of construction, the latest edition and/or addendum adopted by the governing agency shall be used.
- Any options stated or drawn are for the Contractor's convenience. If the option is used the Contractor shall use the latest code, test standard or manufacturer's recommendations.
- Typical details and notes shall apply, though not necessarily indicated at a specific location on the drawings. Where no details are shown, construction shall conform to similar work on the project. Details may show only one side of the detail or may omit information for clarity.
- Verify and establish all openings, inserts or offsets for Architectural, Mechanical, Electrical or Plumbing, etc., with appropriate trades, drawings and Subcontractors prior to construction.
- All inspections required by the Codes, Local Building Department or the Plans shall be provided by an independent qualified inspection agency or the Building Department. Site visits by the Engineer do not constitute an inspection, unless specifically contacted for.
- Shop Drawings shall be submitted for all structural items upon written request or as detailed in Contract Documents. Shop drawings are reviewed only for general compliance with the structural drawings. Review does not indicate that the drawings are correct or complete. Responsibility shall rest with the Contractor. Any changes, substitutions, or deviations from the Contract Drawings shall be included. Any of the aforementioned shall not be considered approved by the Engineer unless specially noted. The shop drawings do not supersede or replace the original Contract Drawings. Any engineering provided by others and submitted for review shall bear the seal of the appropriate Registered Engineer. JCWagner & Associates shall not be responsible for the adequacy of engineering designs performed by others. Allow 5 working days for the Engineer's review. One copy of each submittal shall be retained for Engineer's records.

Special Inspections:

Special Inspection shall be performed by qualified firm independent of the Contractor, Architect, Engineer of Record or Owner according to 2019 CBC Chapter 17. The Special Inspector shall observe the below list of items for conformance with the Contract Documents. The Special Inspector shall send reports to the Owner and all applicable parties. All discrepancies shall be brought to attention of the Contractor for correction. The Special Inspector shall submit a final report stating that the special inspection work, to the best of his knowledge, was performed in compliance with the plans, specifications, Codes and applicable workmanship of the CBC. Special Inspection shall be provided for the below list of items:

Geotechnical Engineer shall be retained to provide observation and testing services during the grading and foundation phase of construction per Geotechnical report recommendations and inspection and testing reports shall be submitted to the Building Department.

Required Inspections	Periodic	Continuous
1. Masonry Construction - Special Inspections and Testing in accordance with the quality assurance program requirements of TMS 402-16 & TMS602-16 for quality assurance Level 2, as specified in TMS602-16 Tables 3 and 4	✓	
2. Concrete Construction		
a. Inspect Reinforcement & verify placement	✓	
b. Inspect anchors cast in concrete	✓	
c. Inspect post-installed anchors	✓	
d. Verify use of required mix design	✓	
e. Prior to concrete placement, prepare specimens for strength tests, skump tests, air content tests, & temp. of conc.		✓
f. Inspect concrete placement for proper application techniques		✓
g. Inspect formwork for shape, location, and size	✓	
3. Geotechnical Inspections	✓	

Structural Sheet List

Number	Sheet Number	Sheet Name
1	S0.0	Structural Notes
2	S1.0	Foundation Plan
3	S1.1	Pit & Foundation Details
4	S2.0	Building Sections
5	S3.0	Ceiling Framing Plan
6	S4.0	Roof Framing Plan
7	S4.1	Framing Details
8	S5.0	Fence Details



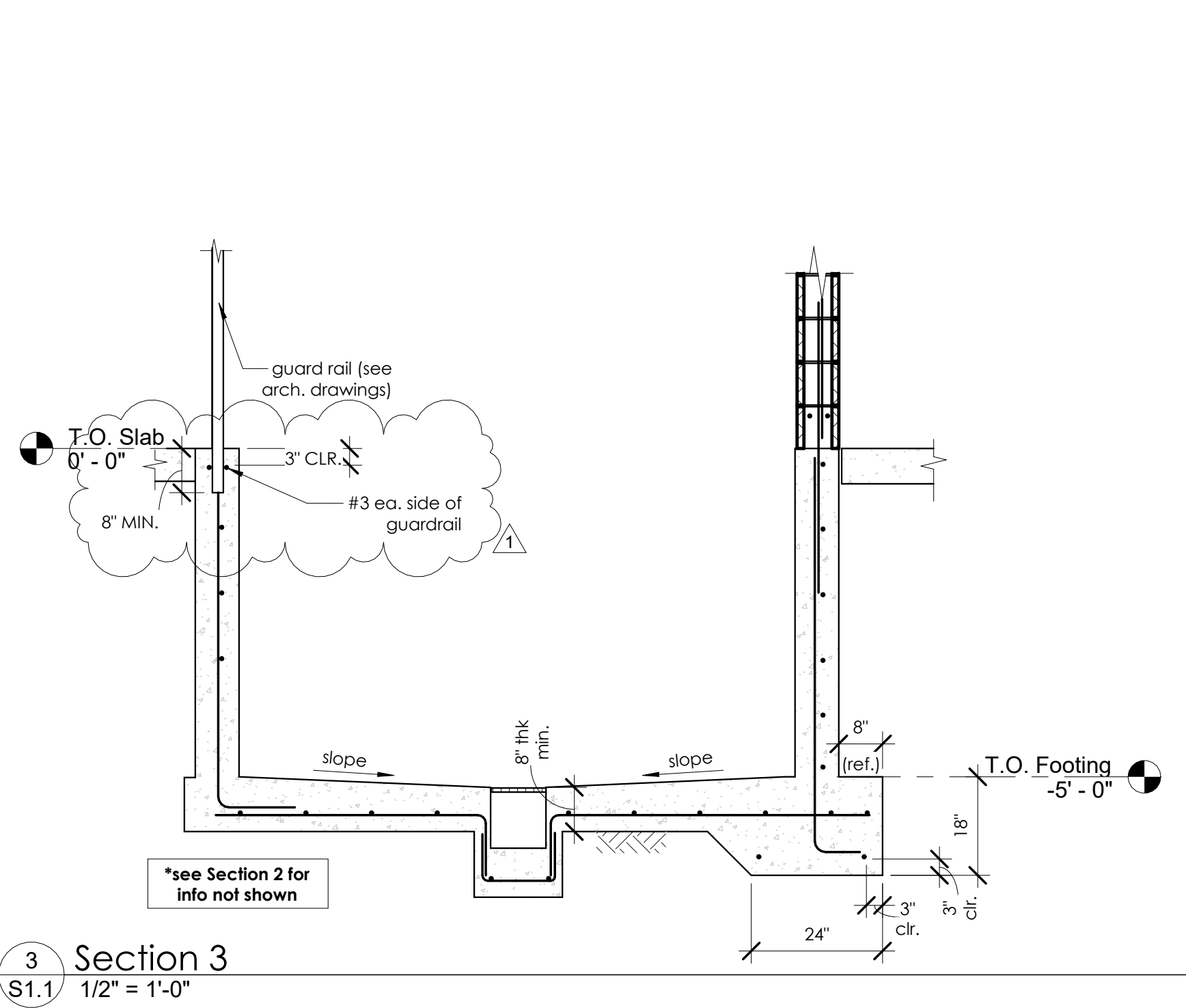
2132 N El Dorado St
Stockton, CA 95204
(209) 227-7646

100% Submittal

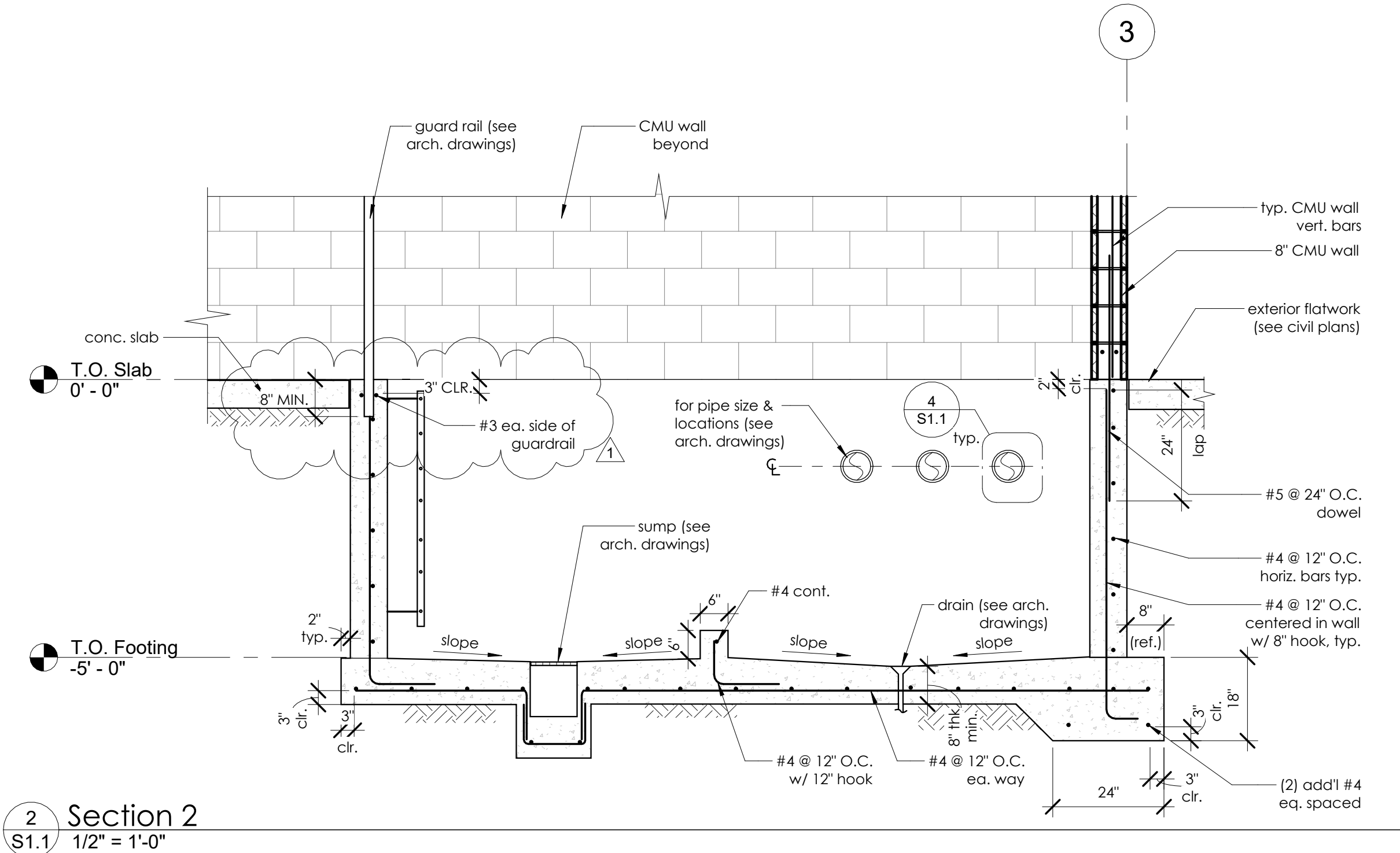
These drawings and specifications are the property and copyright of JCWagner & Associates and shall not be used or duplicated in part or in whole on any other work except by agreement with JCWagner & Associates



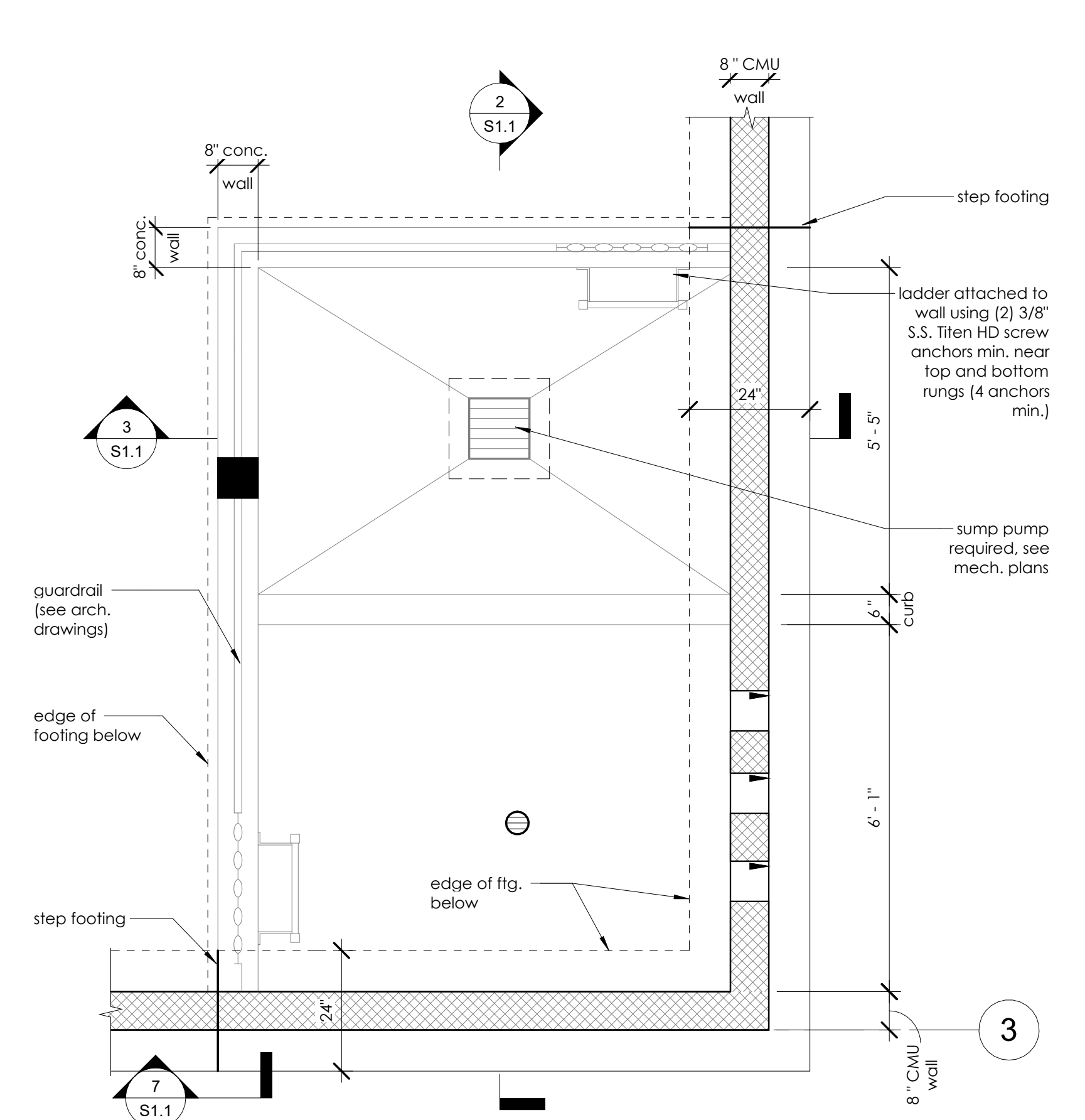
	12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366 www.callanderassociates.com
NOVEMBER 14, 2022	CALA PROJECT NO. 21013
MCKINLEY PARK RENOVATIONS PROJECT	
PERMIT REVIEW SET	
Structural Notes	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: _____
DESIGNED BY ORL	DATE _____
DRAWN BY ORL	_____
CHECKED BY HJT	CITY ENGINEER
RECORD DWGS.	STOCKTON, CALIFORNIA
SHEET NO.	S0.0
139 OF 162 SHEETS	
76963	PROJECT NO.



3 Section 3
S1.1 1/2" = 1'-0"



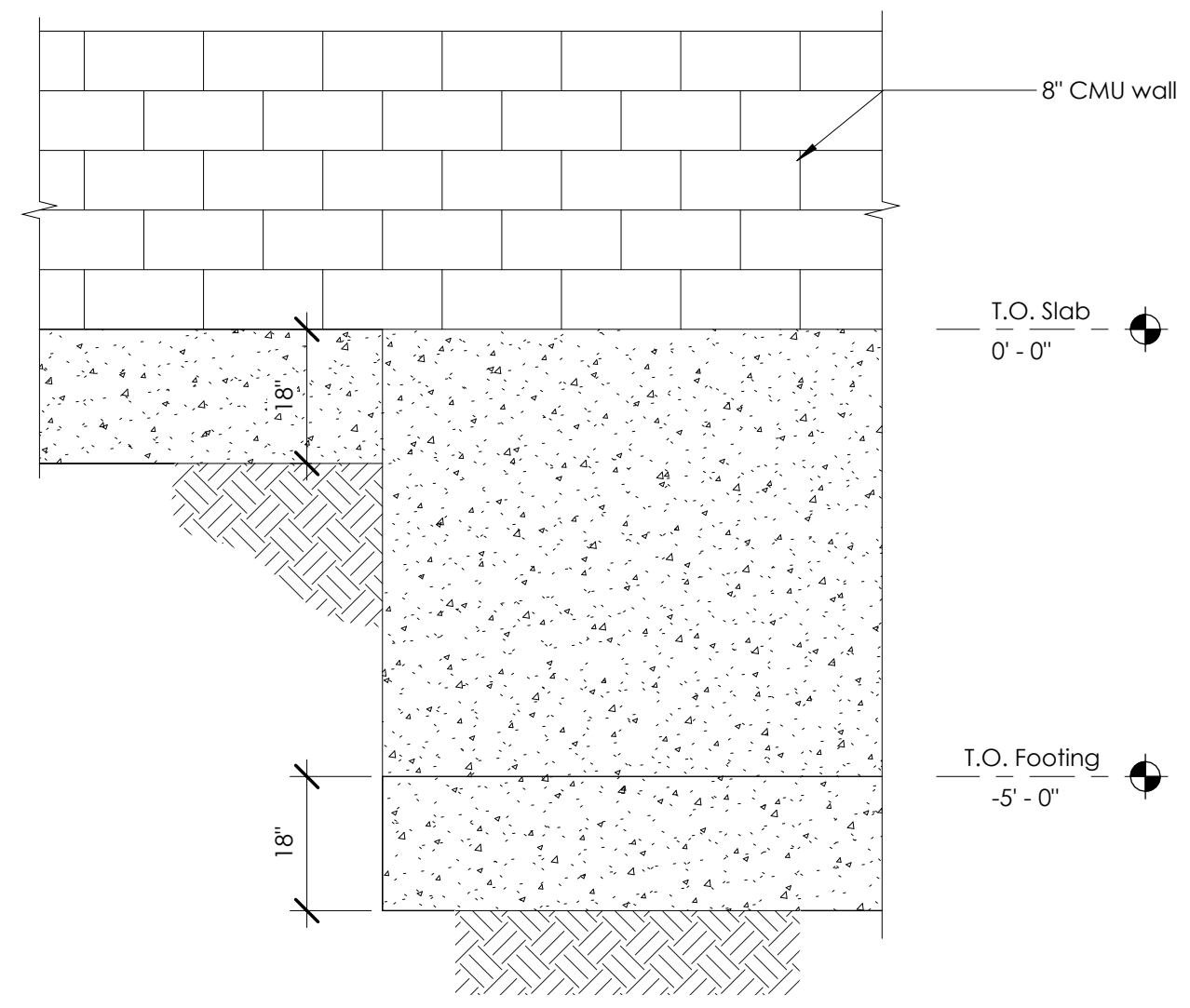
2 Section 2
S1.1 1/2" = 1'-0"



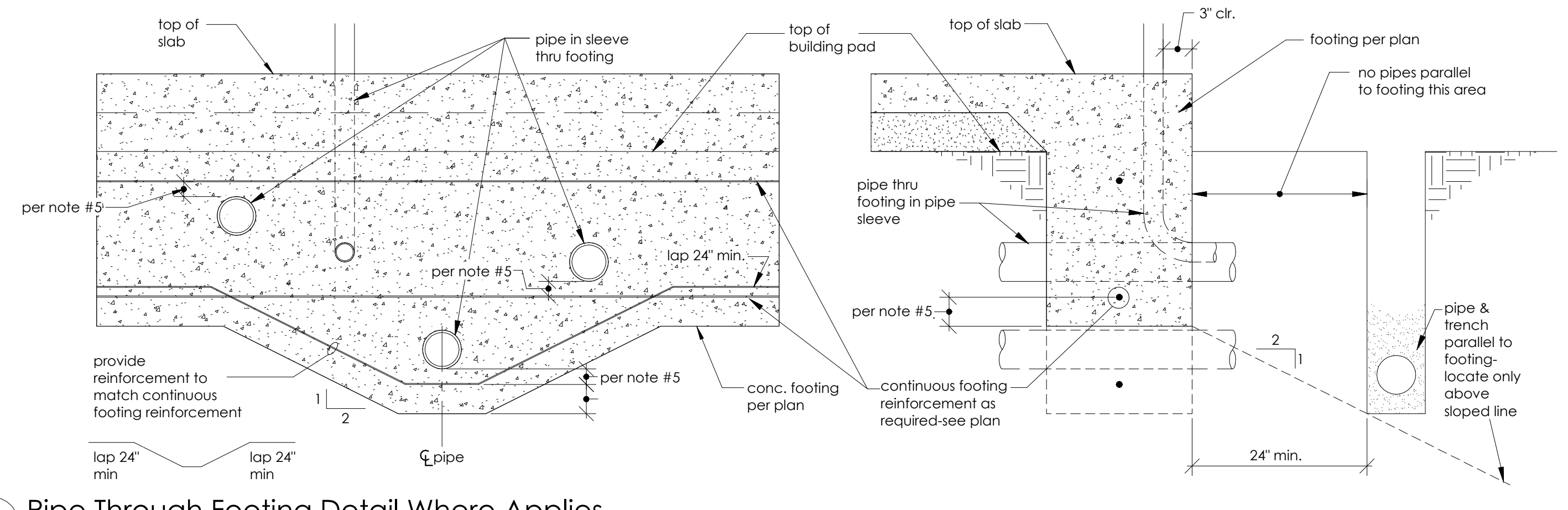
1 Backwash Pit Plan
S1.1 1/2" = 1'-0"

NOTES

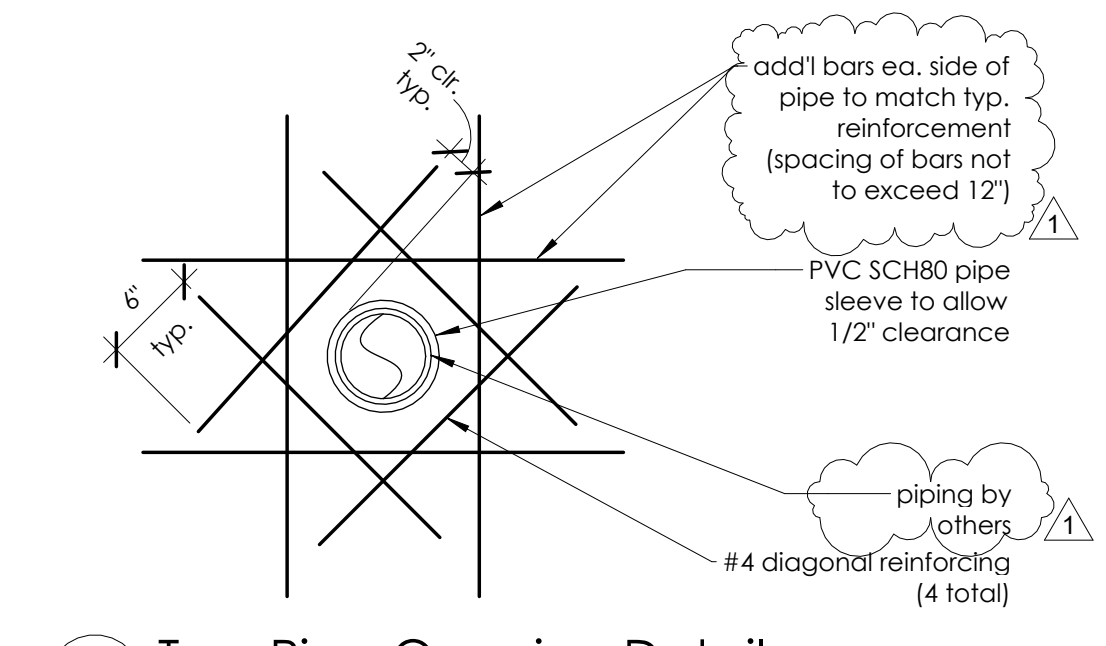
- Sleeves shall be PVC. Inner diameter to be 2" larger than pipe outer diameter.
- Plumbing embedded in concrete shall be provided w/ flexible couplings @ entry & exit points.
- "Pipe" = any penetration thru foundation to allow for 1" of motion in any direction.
- No "pipe" to run parallel in footings.
- Wrapped pipes shall have 1 1/2" clear from wrapping to reinforcing. Sleeved pipes shall have 1 1/2" min. clearance to reinforcing. Wrap w/ 1/8" foam sheet, 3 layers min. sleeved pipes per notes.
- Clearance between "pipes" shall be 6" when 4 or more "pipes" are grouped in one area - provide engineered details of block-out.



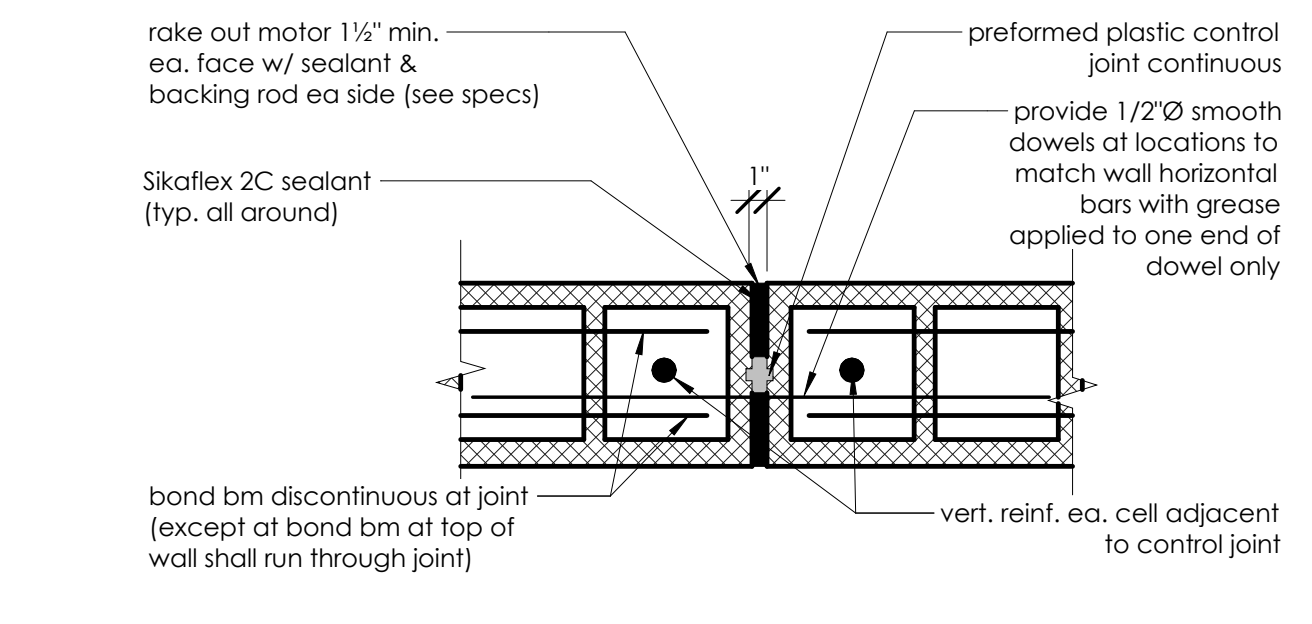
7 Step footing
S1.1 1/2" = 1'-0"



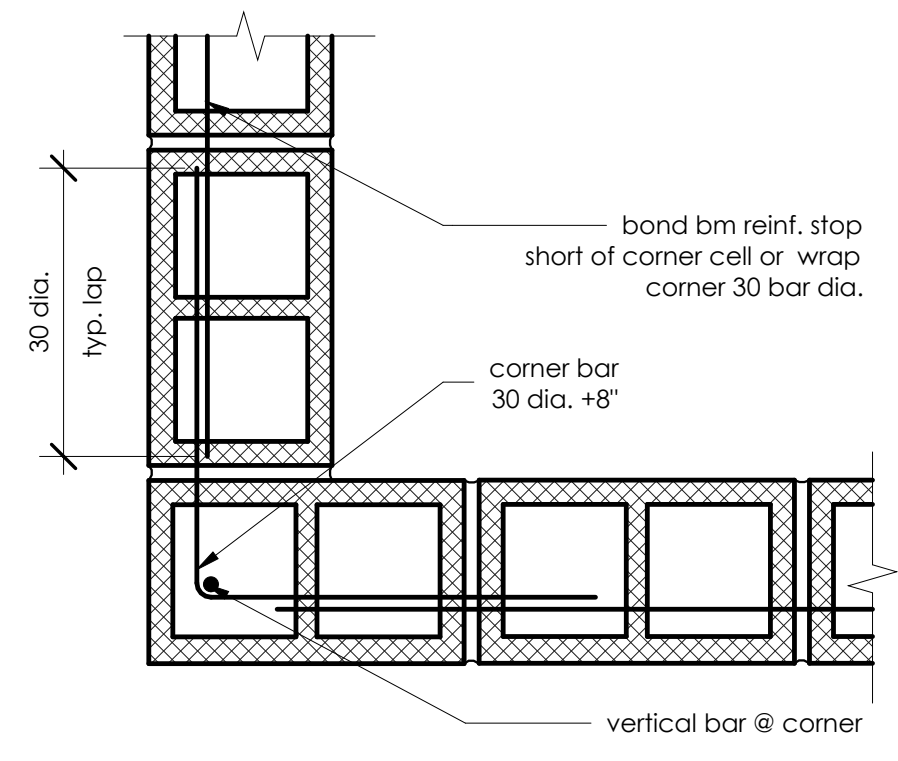
6 Pipe Through Footing Detail Where Applies
S1.1 3/8" = 1'-0"



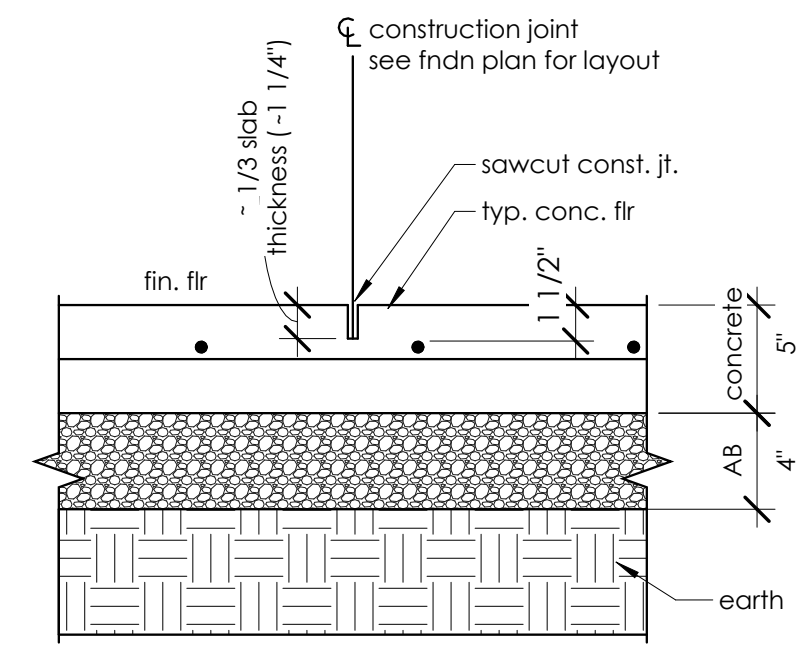
4 Typ. Pipe Opening Detail
S1.1 1" = 1'-0"



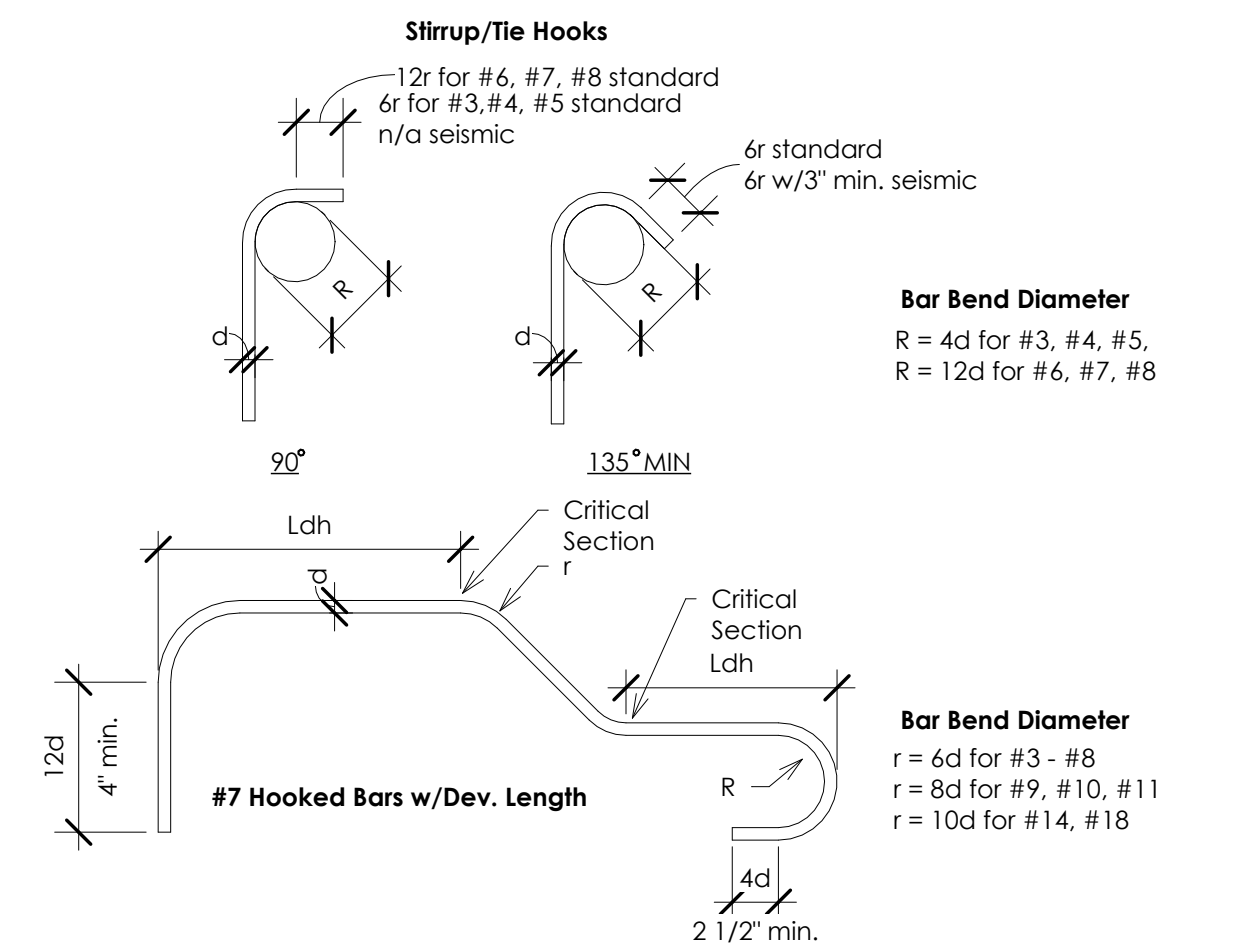
5 Typical CMU Wall Control Joint
S1.1 1 1/2" = 1'-0"



10 Typical Wall Reinforcing at Corner
S1.1 1 1/2" = 1'-0"



9 Typical Construction Joint
S1.1 1 1/2" = 1'-0"



8 Typ. Reinforcing Bar Bending
S1.1 1/4" = 1'-0"



2132 N El Dorado St
Stockton, CA 95204
(209) 227-7646

100% Submittal

These drawings and specifications are the property and copyright of JC Wagner & Associates and shall not be used or duplicated in part or in whole on any other work except by agreement with JC Wagner & Associates



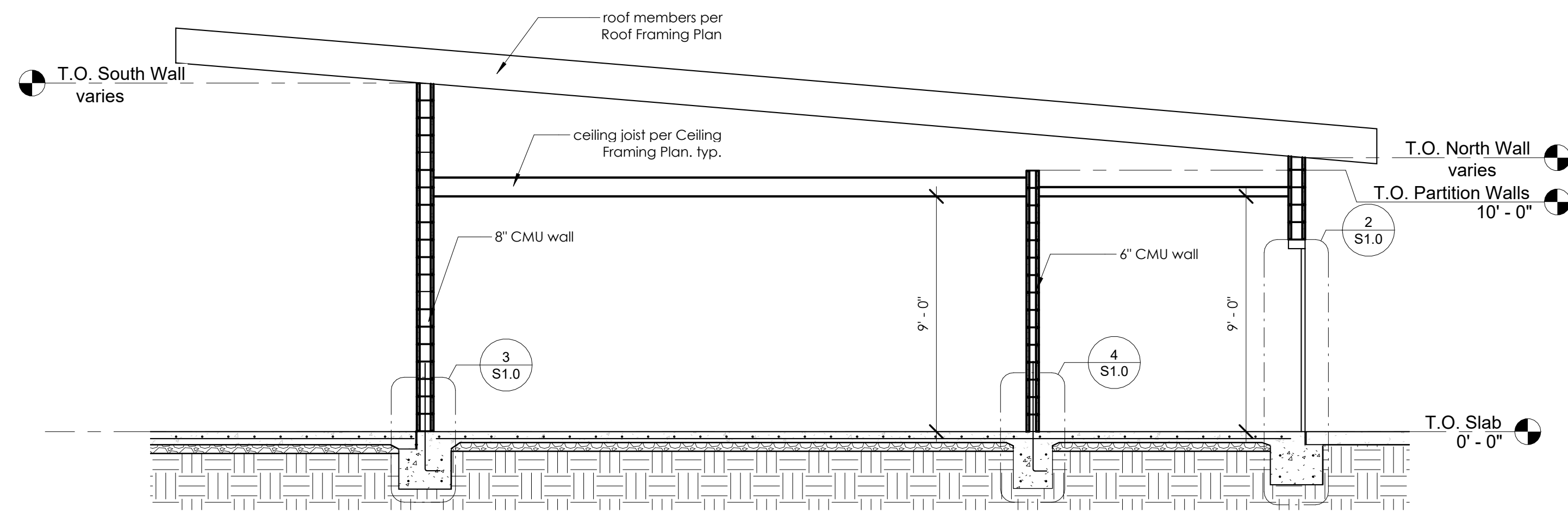
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013
MCKINLEY PARK RENOVATIONS PROJECT
Pit & Foundation Details

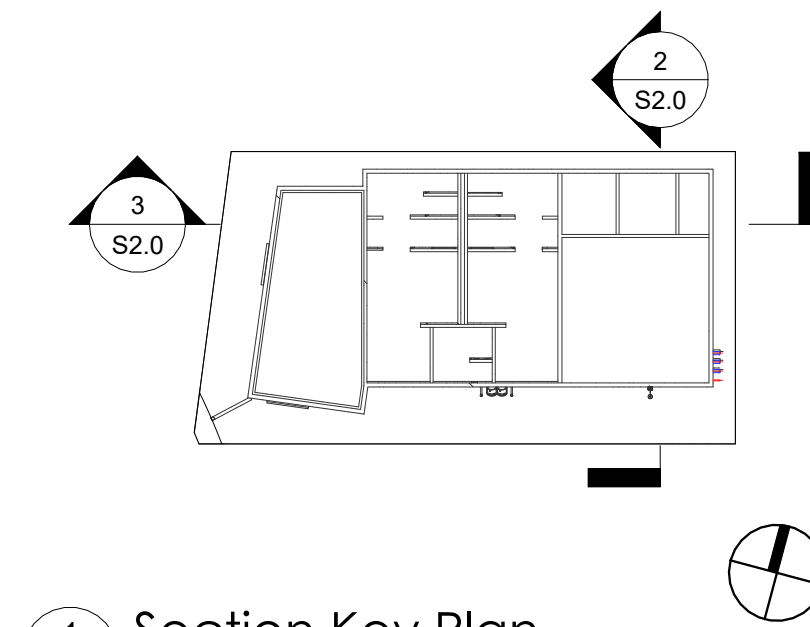
Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK	11/14/2022	ORL	DEW

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	ORL	DATE	S1.1
DRAWN BY	ORL		141 OF 162 SHTS
CHECKED BY	HJT	CITY ENGINEER	76963
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

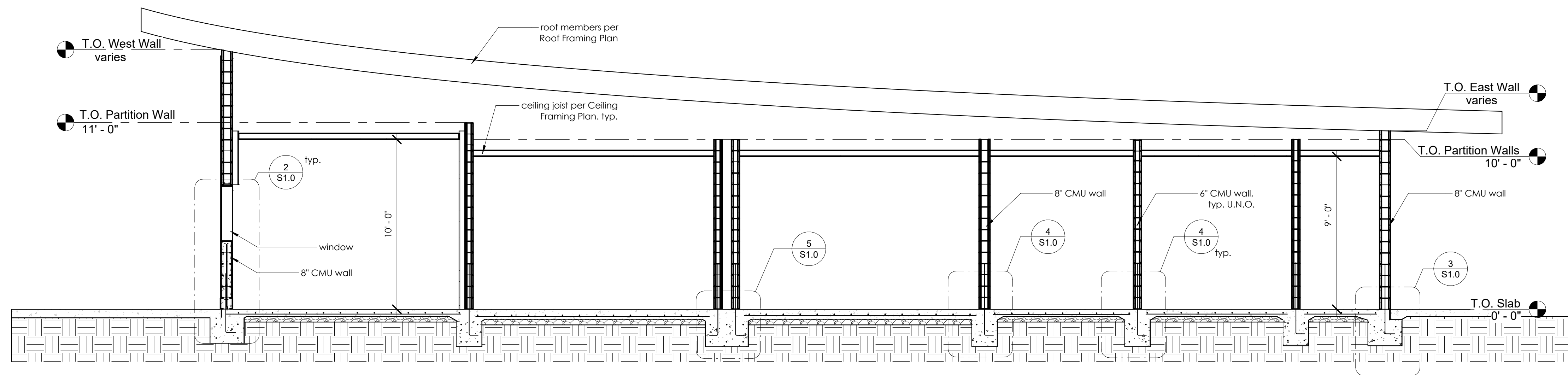




2 Building Section A
S2.0 1/4" = 1'-0"



1 Section Key Plan
S2.0 1" = 30'-0"



3 Building Section B
S2.0 1/4" = 1'-0"



2132 N El Dorado St
Stockton, CA 95204
(209) 227-7646

100% Submittal

These drawings and specifications are the property and copyright of JC Wagner & Associates and shall not be used or duplicated in part or in whole on any other work except by agreement with JC Wagner & Associates



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

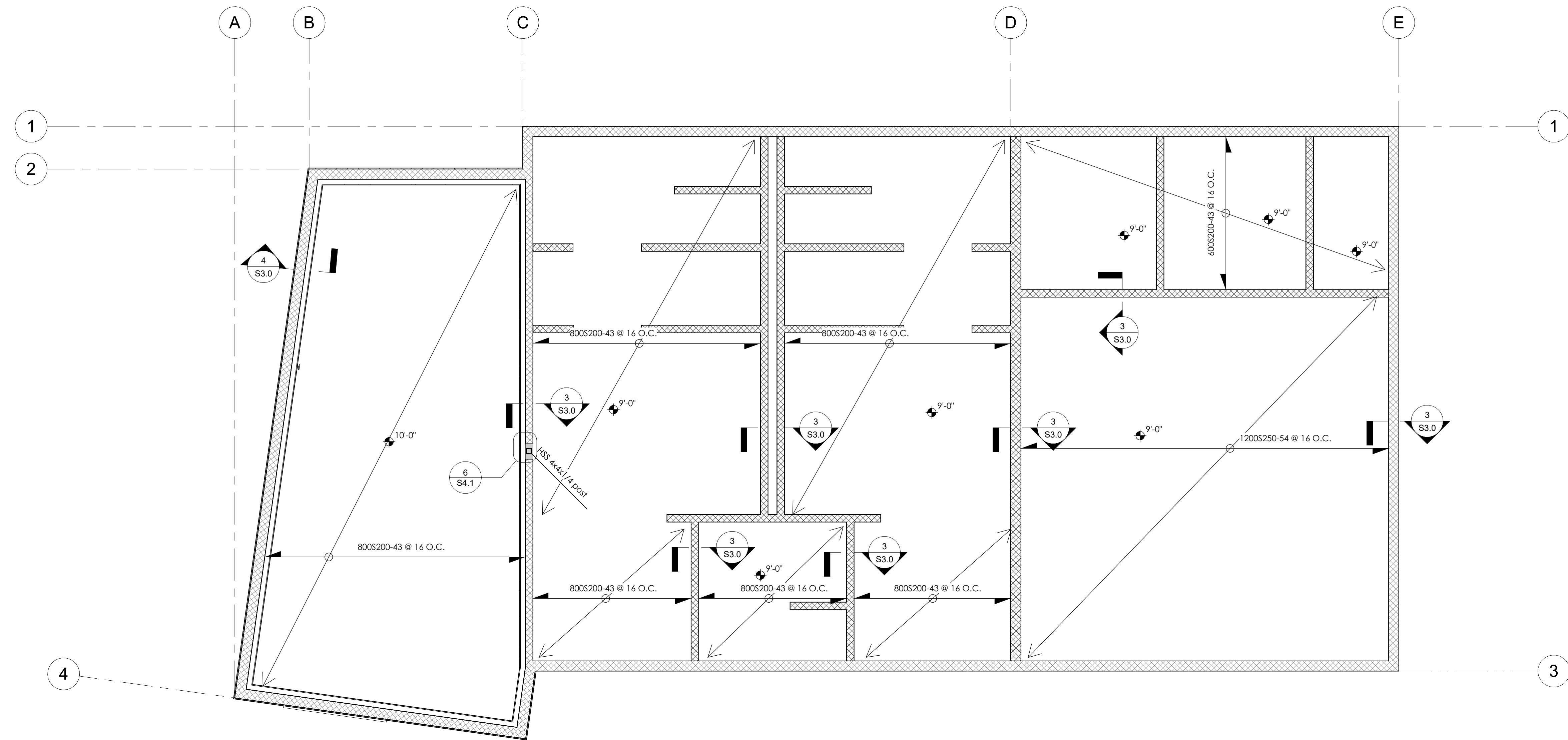
Building Sections

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA



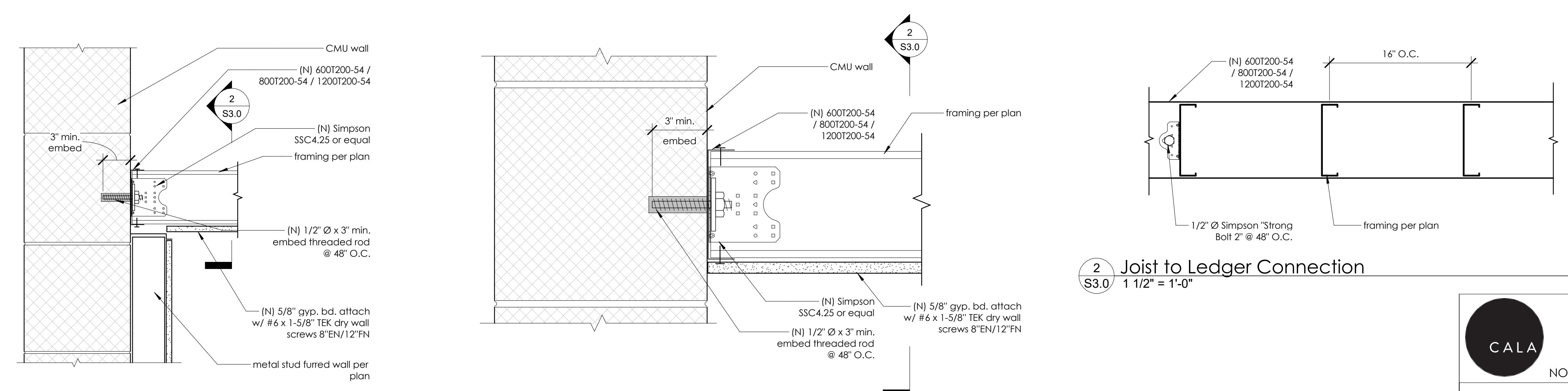
Revision No.	Description	Date	By	Aprvd. By

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	ORL	DATE	S2.0
DRAWN BY	ORL		142 OF 162 SHTS
CHECKED BY	HJT	CITY ENGINEER	76963
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.



2132 N El Dorado St
Stockton, CA 95204
(209) 227-7646

1 Ceiling Framing Plan
S3.0 1/4" = 1'-0"



4 Ledger Section @ Metal Stud Wall
S3.0 1 1/2" = 1'-0"


3 Ledger Section
S3.0 3" = 1'-0"

2 Joist to Ledger Connection
S3.0 1 1/2" = 1'-0"

100% Submittal

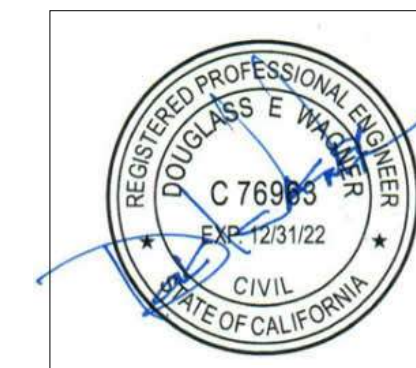
These drawings and specifications are the property and copyright of JC Wagner & Associates and shall not be used or duplicated in part or in whole on any other work except by agreement with JC Wagner & Associates



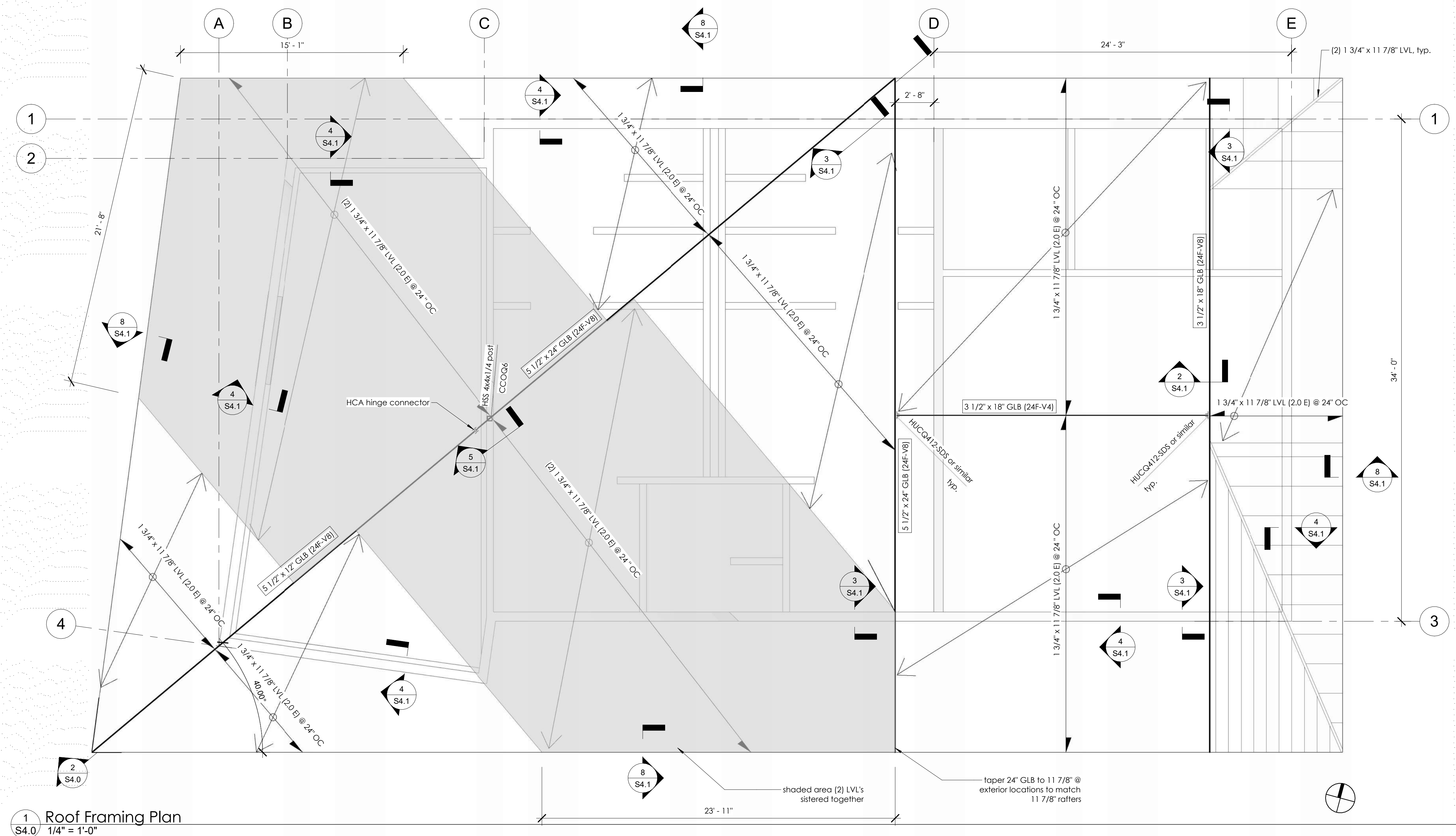

 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

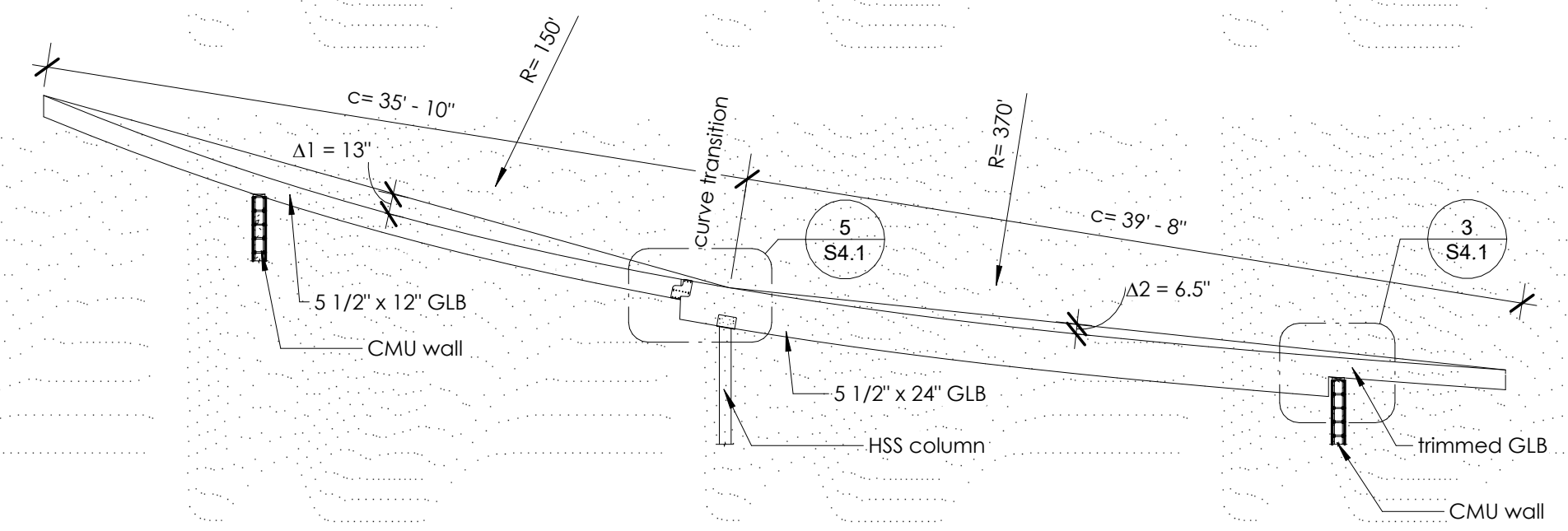
PERMIT REVIEW SET		Ceiling Framing Plan	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	ORL	DATE	S3.0
DRAWN BY	ORL		143 OF 162 SHTS
CHECKED BY	HJT	CITY ENGINEER	76963
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.



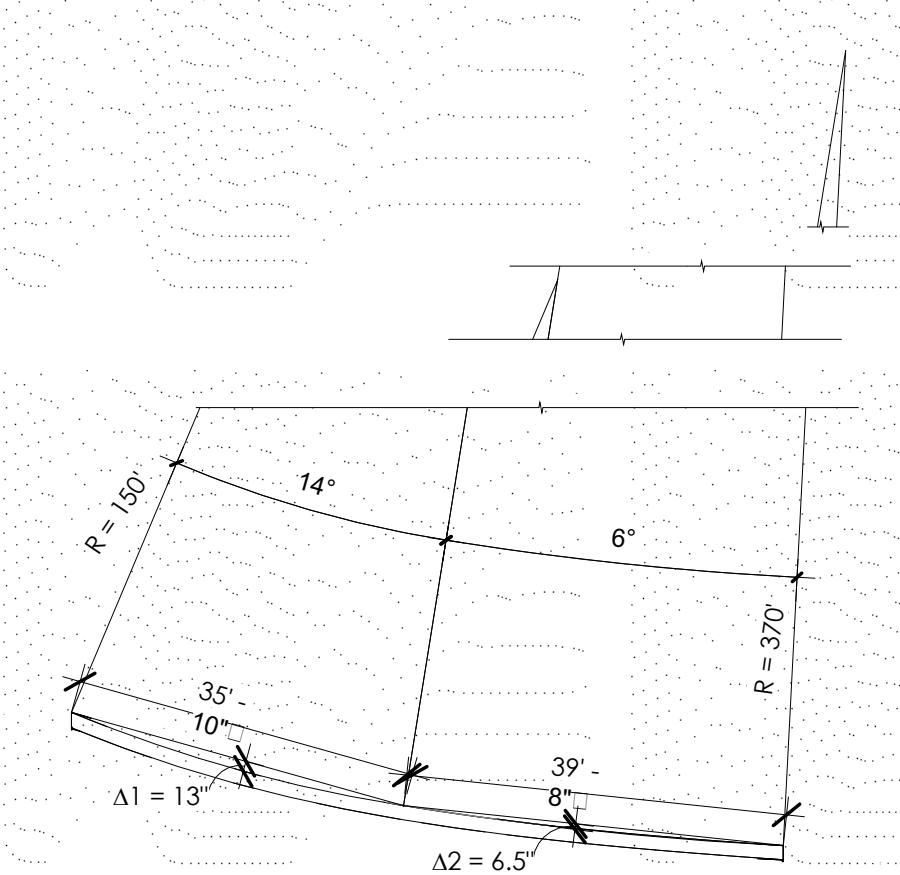
Revision No.	Description	Date	By	Aprvd. By



1 Roof Framing Plan
S4.0 1/4" = 1'-0"



2 Ridge Beam Curve Layout
S4.0 1/8" = 1'-0"



2132 N El Dorado St
Stockton, CA 95204
(209) 227-7646

100% Submittal

These drawings and specifications are the property and copyright of JC Wagner & Associates and shall not be used or duplicated in part or in whole on any other work except by agreement with JC Wagner & Associates



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

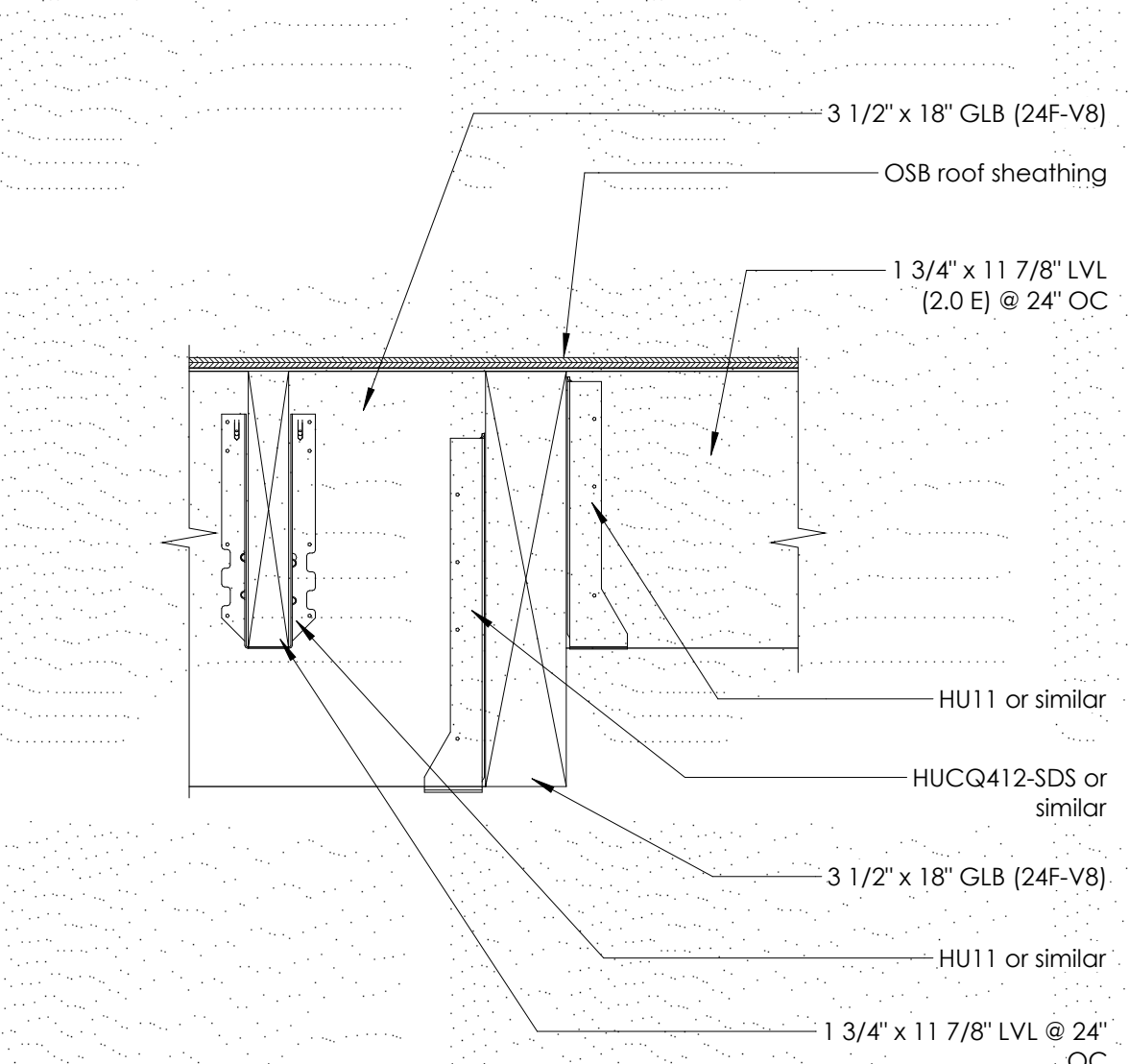
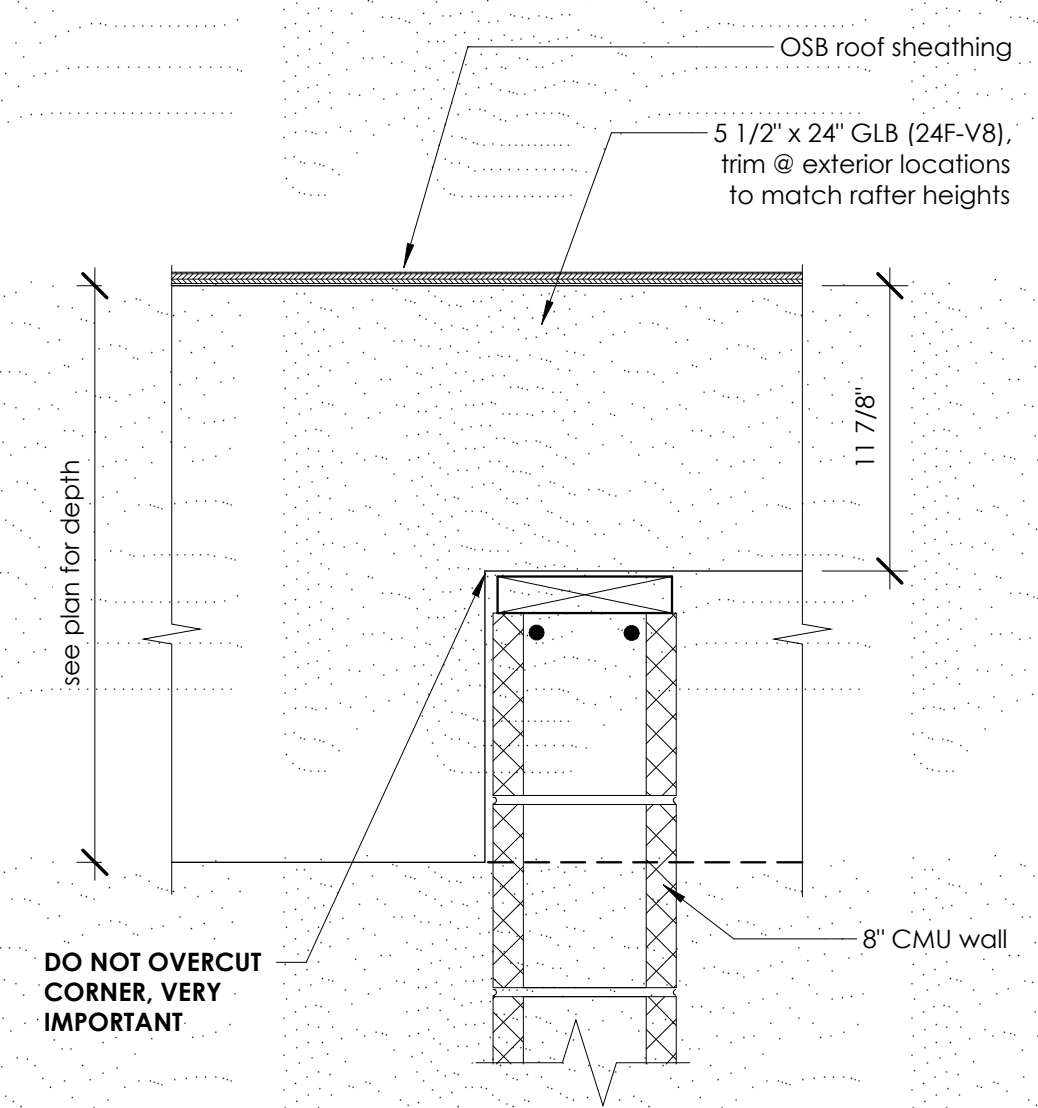
Roof Framing Plan

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By



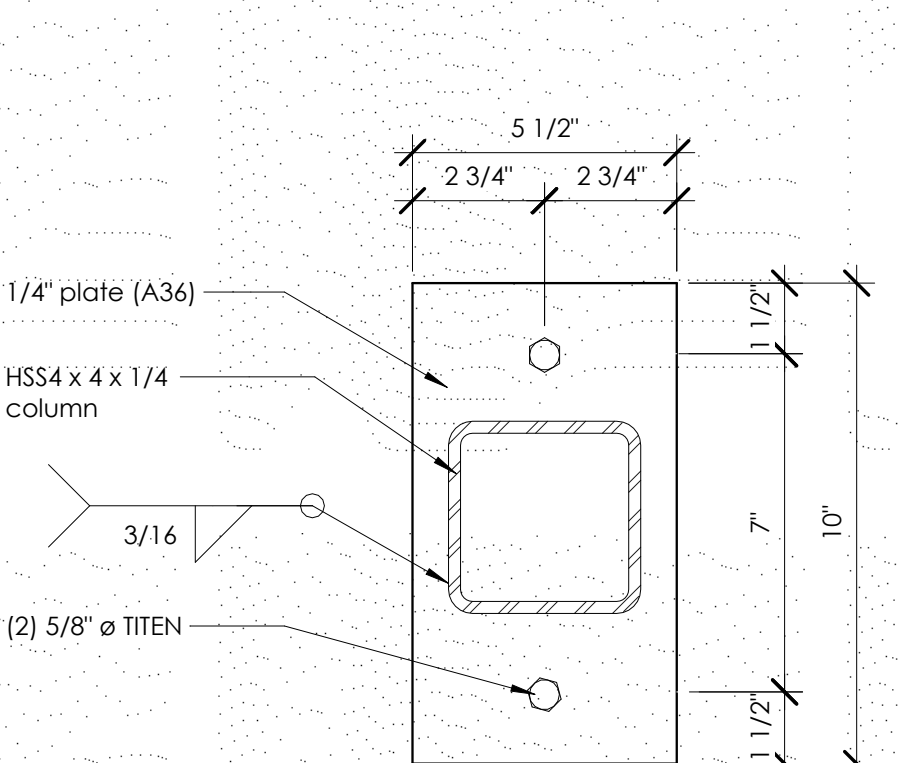
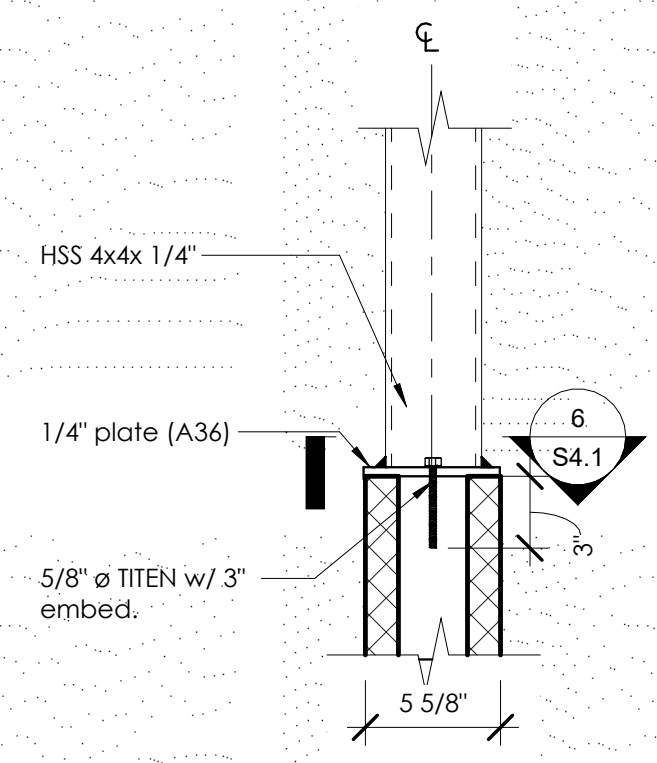
SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY ORL	DATE	S4.0
DRAWN BY ORL		144 OF 162 SHTS
CHECKED BY HJT	CITY ENGINEER	76963
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.



Zone	Boundary	Cont. edge	Edge	Field	Allowable Shear (ASD)	Remarks
1	4"	4"	4"	12"	385 plf	Provide 2x4 DF#2 flat blocking @ panel edges
2	6"	6"	6"	12"	290 plf	Provide 2x4 DF#2 flat blocking @ panel edges
3	N/A	6"	6"	12"	190 plf	no blocking req'd

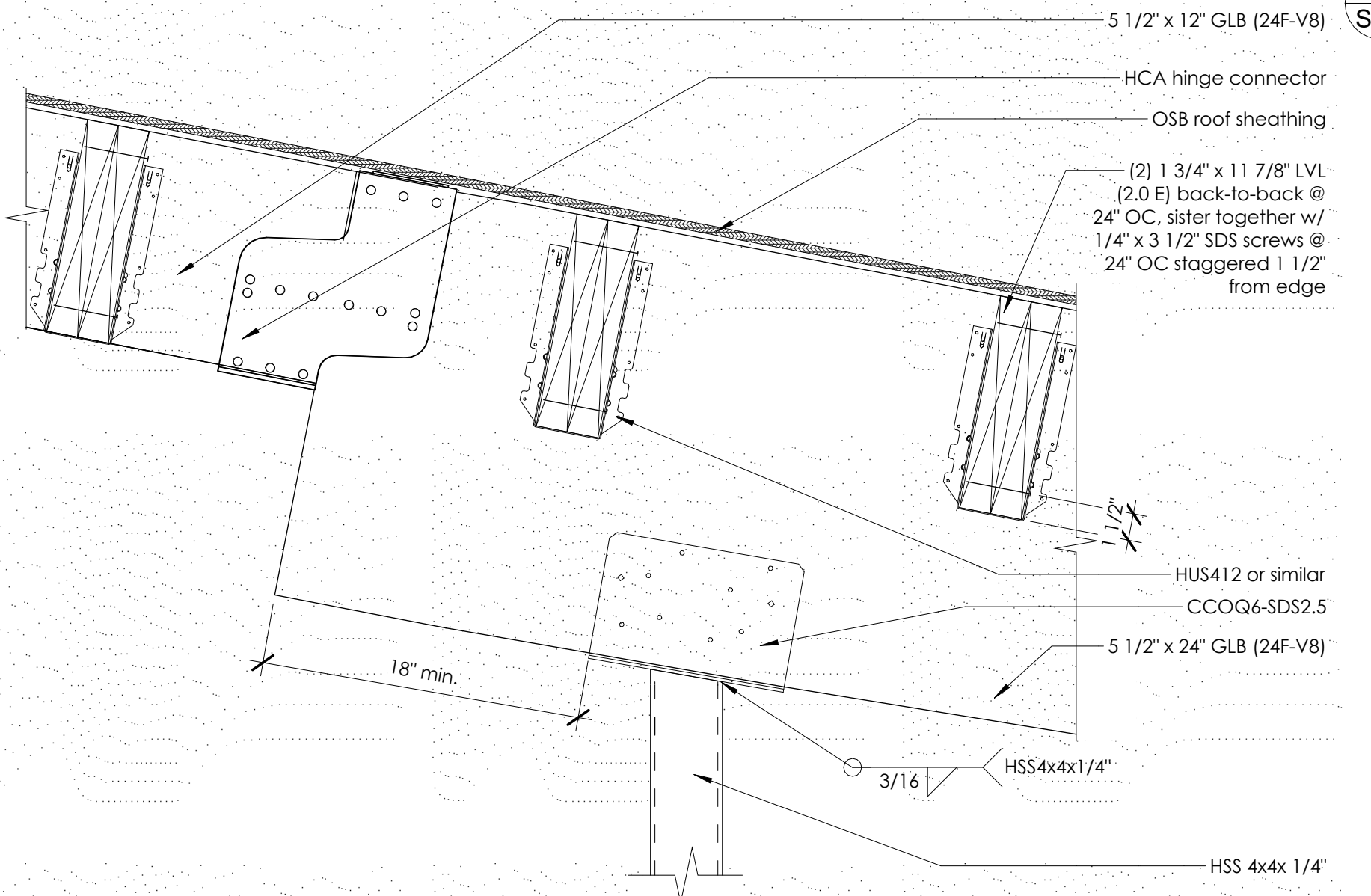
3 24" GLB @ Exterior locations
S4.1 1 1/2" = 1'-0"

2 GLB Connection
S4.1 1 1/2" = 1'-0"

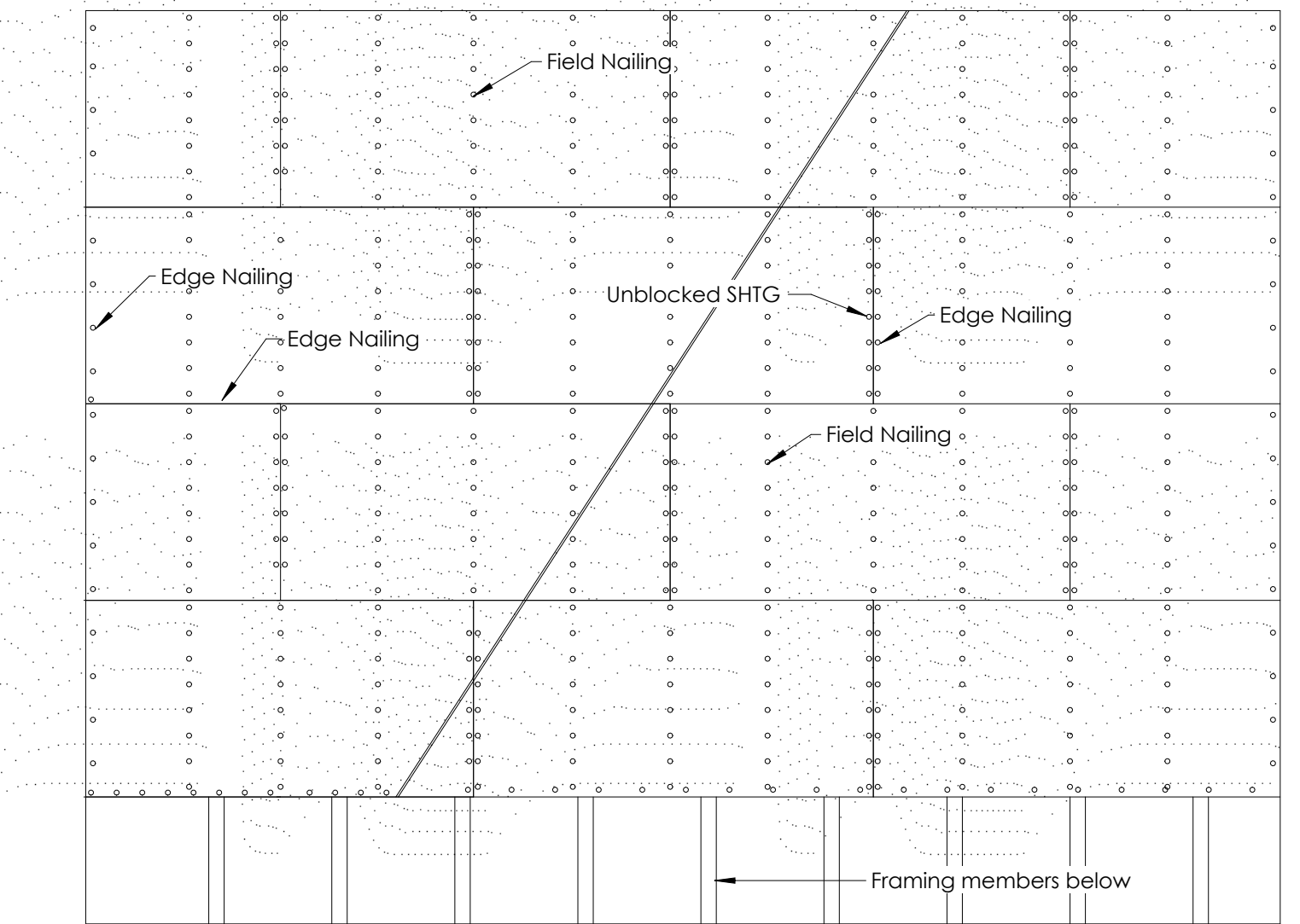


7 Post @ CMU Wall
S4.1 1 1/2" = 1'-0"

6 Post Base Plate
S4.1 3" = 1'-0"

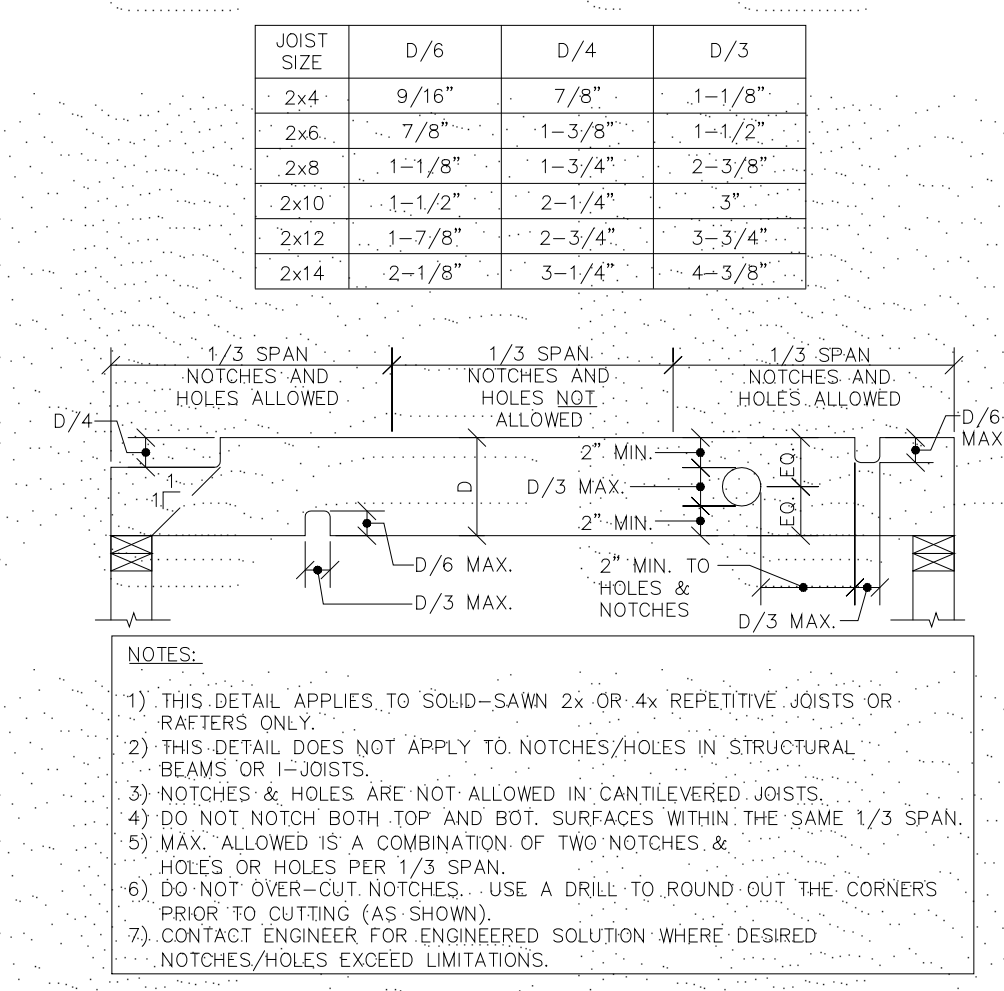


5 GLB Connection Detail
S4.1 1 1/2" = 1'-0"

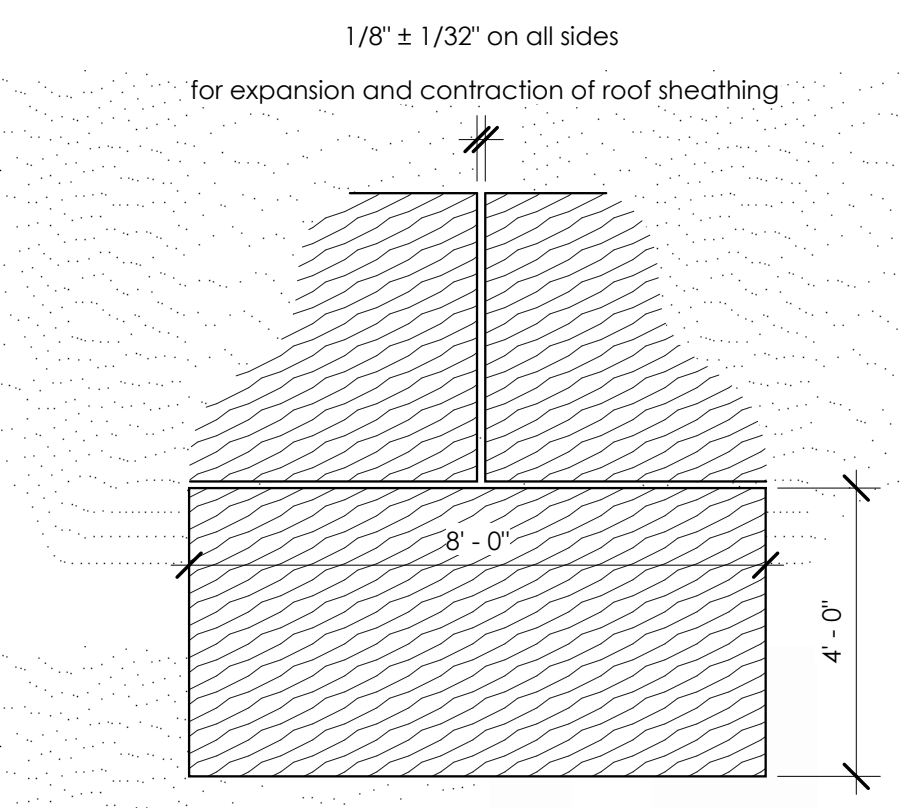


General Notes:
 1. Min. size of plywood sheet shall be 2'-0" b 2'-0"
 2. See plan for plywood thickness and nailing
 3. Long Dimension of plywood shall run across (perpendicular to) joist or rafter.
 4. Nail edge distance shall be min. 3/8" and shall not be driven through the outer plywood.
 5. Stagger end joists 2'-0" min. as shown.
 6. All joists and rafters shall be laid out in a 4'-0" module to coincide with plywood plans.
 7. Nailing size and spacing as noted on plans.
 8. Use tongue-in-groove plywood at floors.

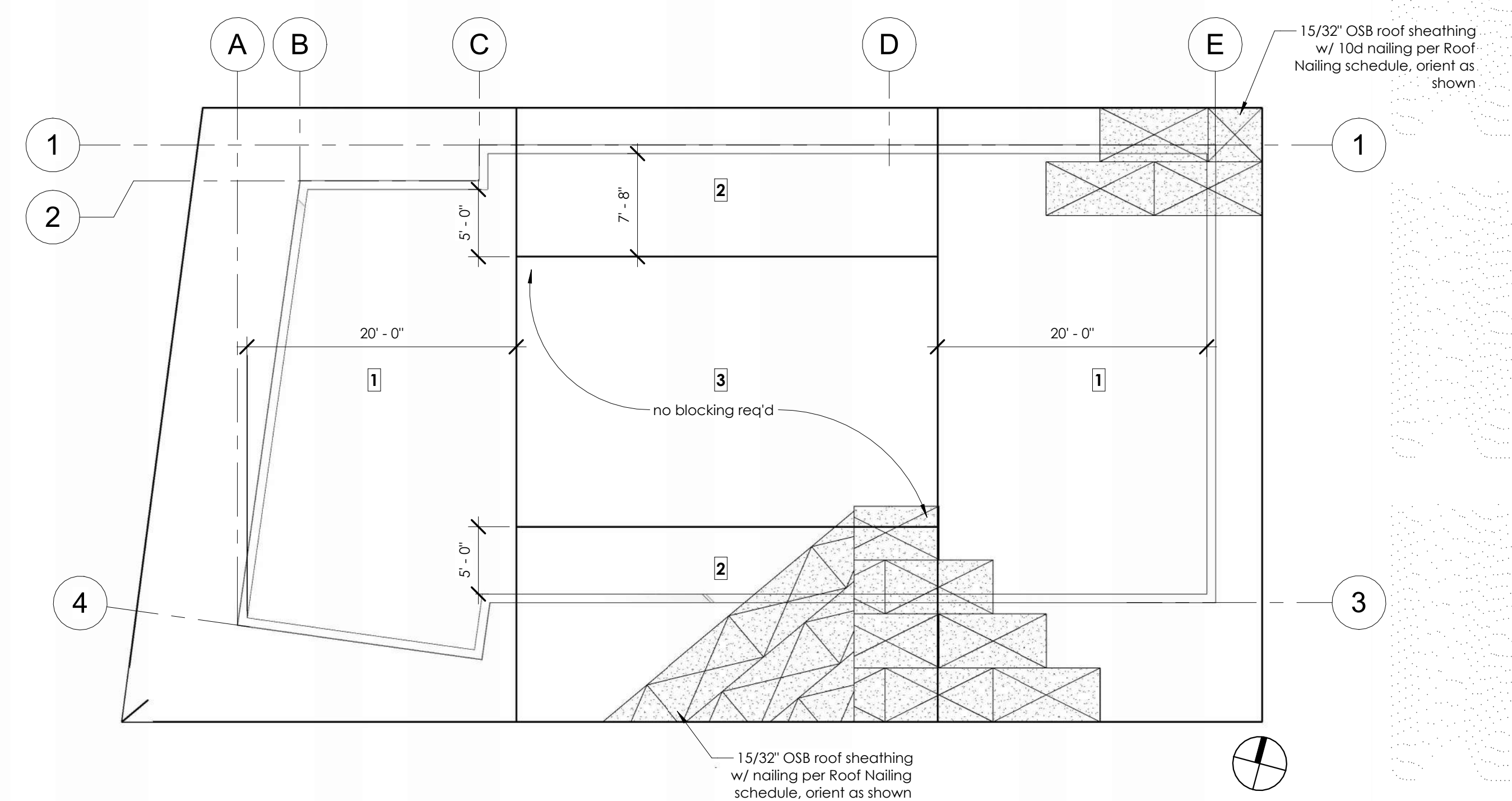
11 Roof/Floor diaphragm Layout
S4.1 3/4" = 1'-0"



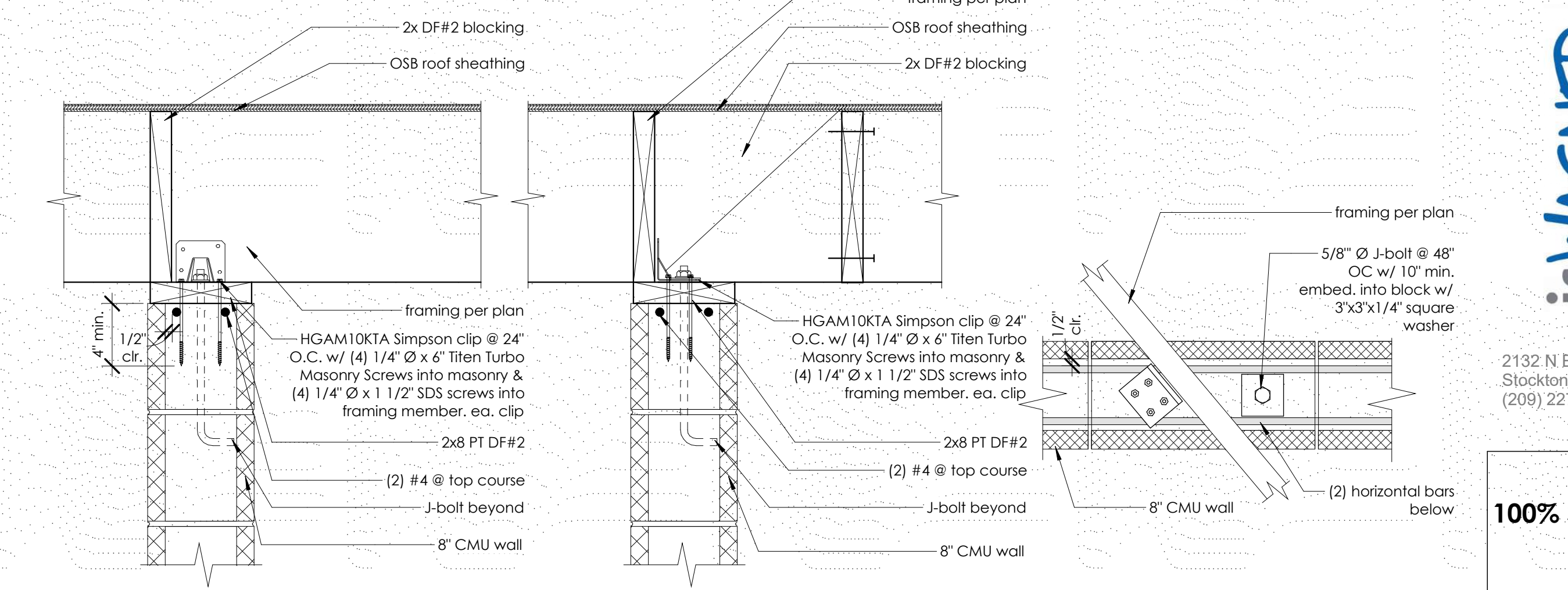
10 Boring/Notching of Solid-Sawn Wood Joists/Rafter
S4.1 1/4" = 1'-0"



9 Roof Sheathing Detail
S4.1 3/8" = 1'-0"

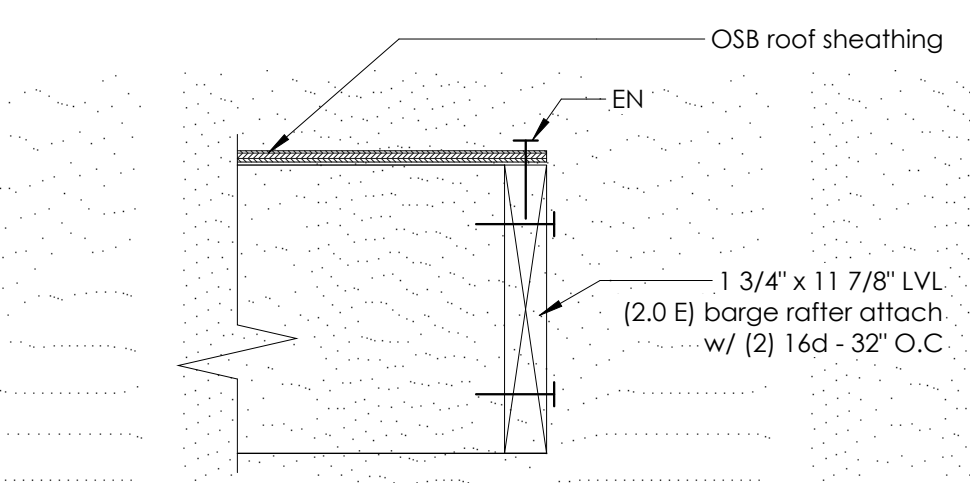


1 Roof Shear Zone Plan
S4.1 1/8" = 1'-0"



4 CMU Connection
S4.1 1 1/2" = 1'-0"

Perpendicular Parallel Plan View



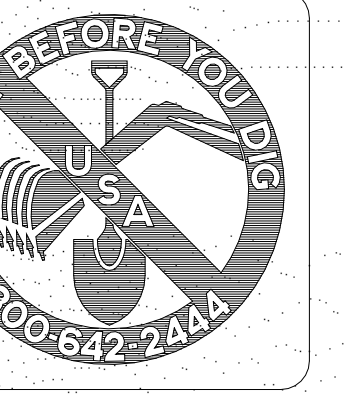
8 Barge Rafter Detail
S4.1 1 1/2" = 1'-0"



2132 N El Dorado St
Stockton, CA 95204
(209) 227-7646

100% Submittal

These drawings and specifications are the property and copyright of JC Wagner & Associates and shall not be used or duplicated in part or in whole on any other work except by agreement with JC Wagner & Associates



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

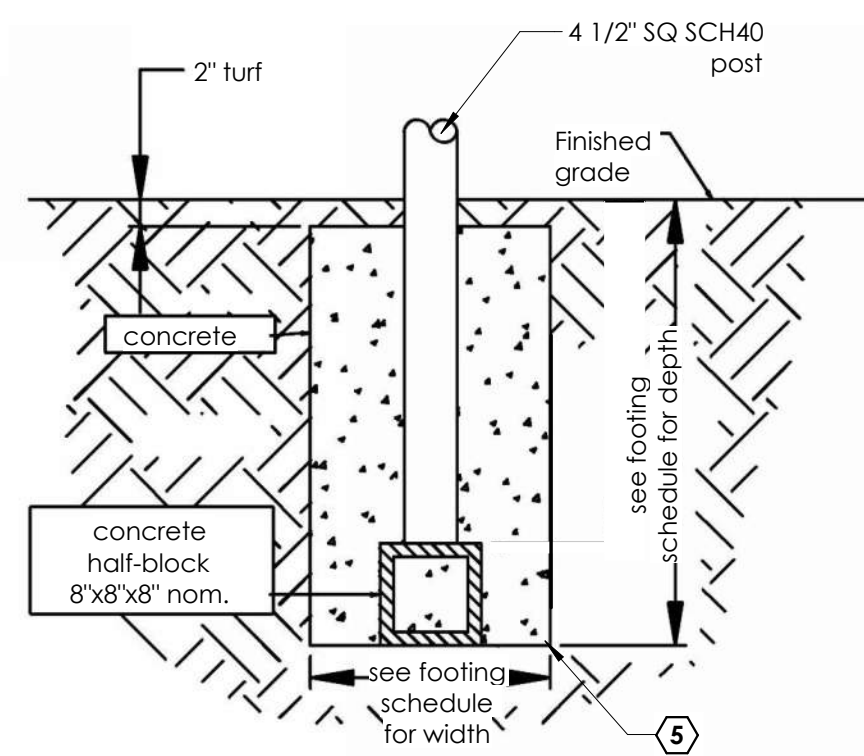
MCKINLEY PARK RENOVATIONS PROJECT

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

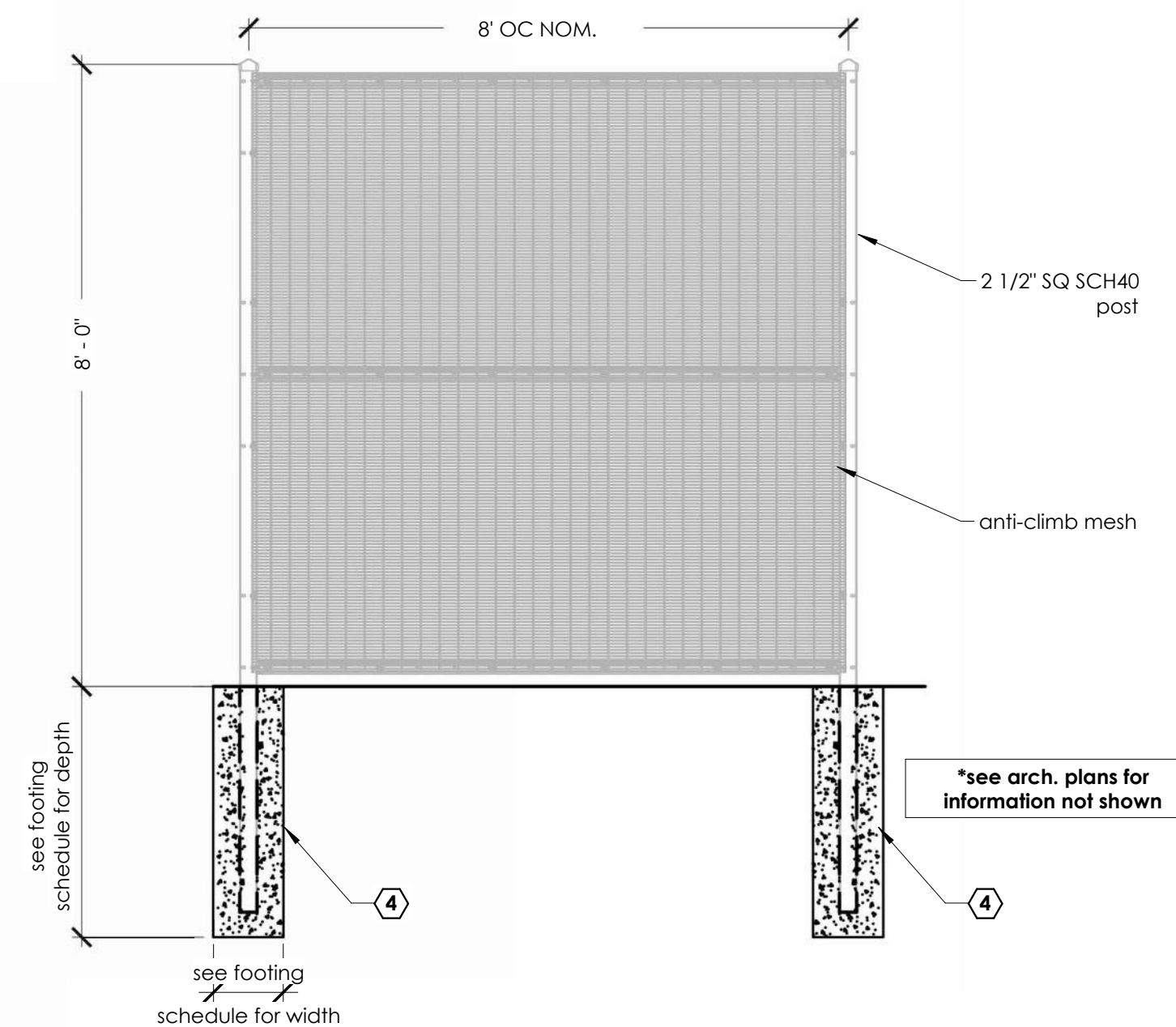
Revision No.	Description	Date	By	Aprvd. By

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	ORL	DATE	S4.1
DRAWN BY	ORL		145 OF 162 SHTS
CHECKED BY	HJT	CITY ENGINEER	76963
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

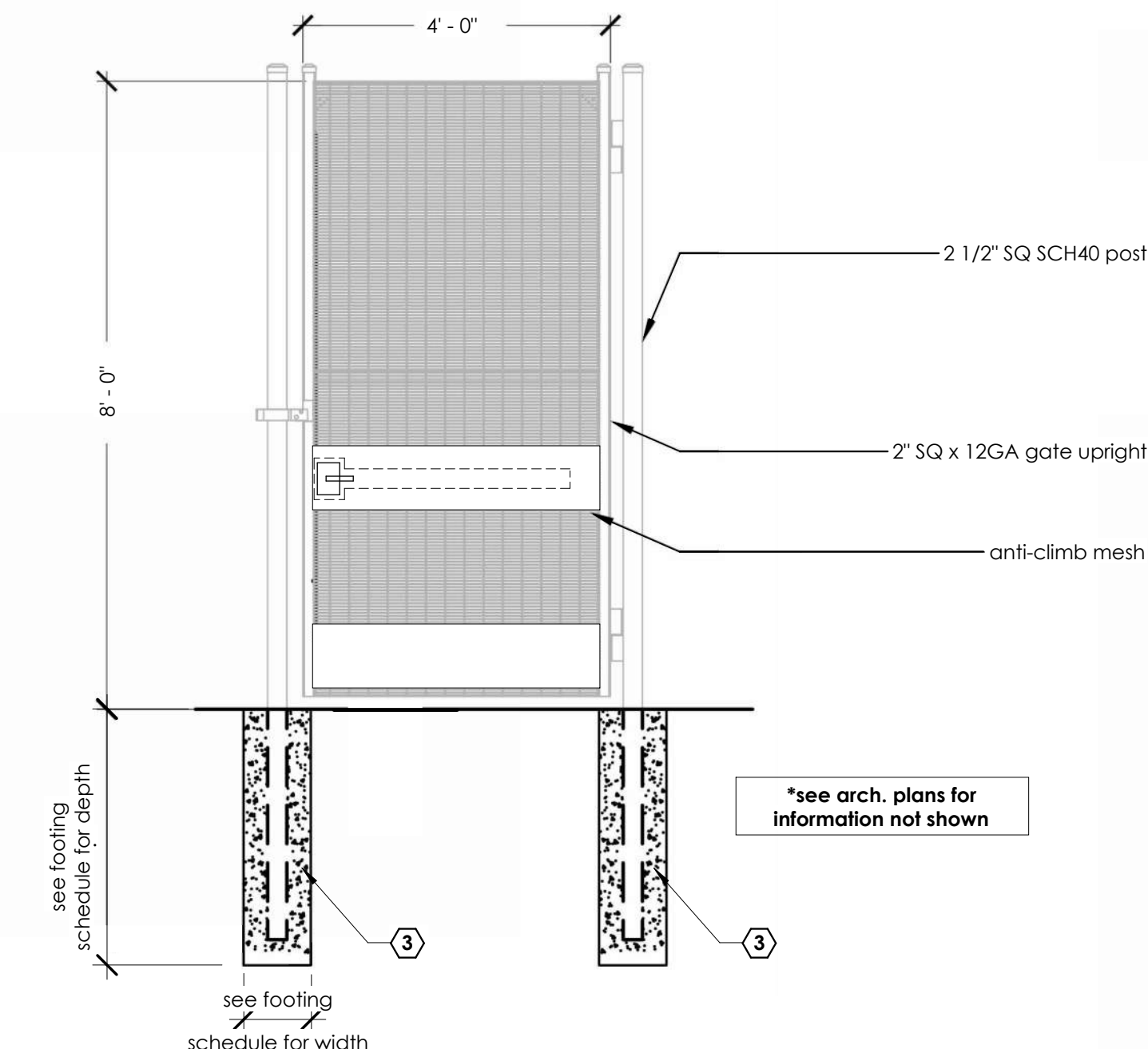




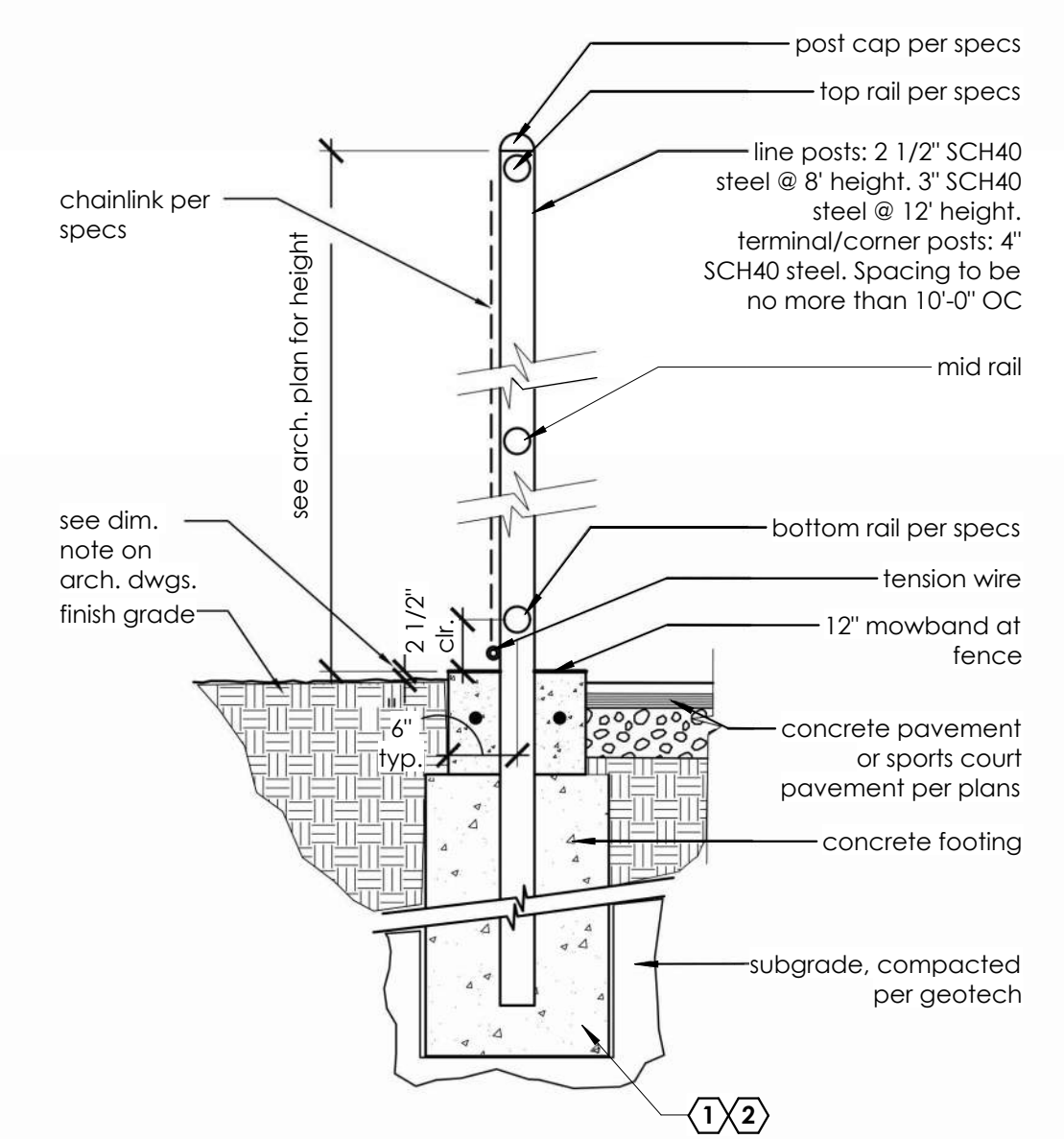
4 Backstop Footing
S5.0 N.T.S.



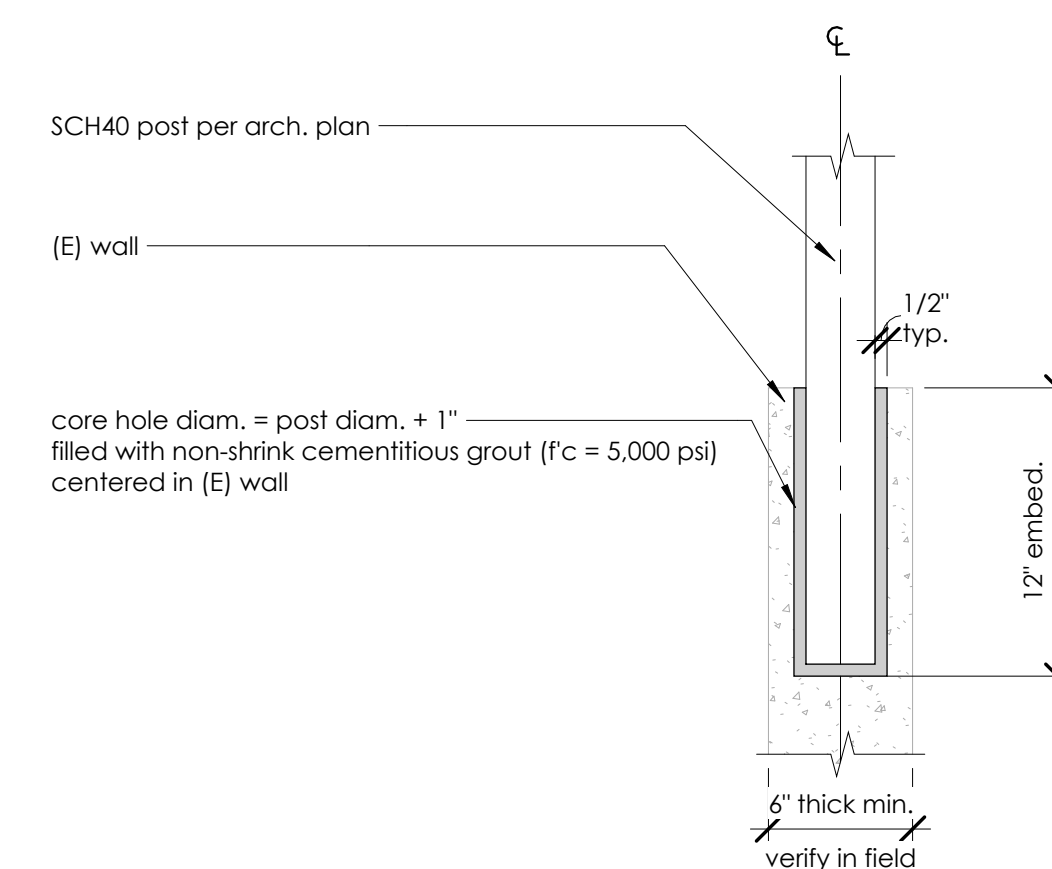
3 8' Anti-Climb
S5.0 1/2" = 1'-0"



2 4' Anti-Climb Mangate
S5.0 1/2" = 1'-0"



1 Chainlink Fence, Typ.
S5.0 N.T.S.



5 Typical Post attachment to wall
S5.0 1 1/2" = 1'-0"

FOOTING SCHEDULE		
MARK	MODEL	FOOTING SIZE
1	8' X 10' CHAINLINK TYP.	24" DIA. x 6'-0" DEEP
2	12' X 10' CHAINLINK TYP.	24" DIA. x 7'-0" DEEP
3	ANTI-CLIMB MANGATE	24" DIA. x 5'-0" DEEP
4	8' X 8' ANTI-CLIMB TYP.	24" DIA. x 6'-0" DEEP
5	BACKSTOP	30" DIA. x 7'-6" DEEP



2132 N El Dorado St
Stockton, CA 95204
(209) 227-7646

100% Submittal

These drawings and specifications are the property and copyright of JC Wagner & Associates and shall not be used or duplicated in part or in whole on any other work except by agreement with JC Wagner & Associates



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

Fence Details

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA



Revision No.	Description	Date	By	Aprvd. By

SCALE	AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	ORL	DATE	S5.0
DRAWN BY	ORL		146 OF 162 SHTS
CHECKED BY	HJT	CITY ENGINEER	76963
RECORD DWGS.		STOCKTON, CALIFORNIA	PROJECT NO.

SPLIT SYSTEM INDOOR FAN COIL SCHEDULE

TAG	MANUFACTURER & MODEL #	QTY.	DESCRIPTION	COOLING BTU/H	HEATING (47°F) BTU/H	CFM (HI)	ELECTRICAL VOLT HZ PH MCA	R/RS SIZE	OP. WEIGHT	REMARKS
FC-1	mitsubishi #TPKA0241KA70A	1	WALL MOUNT	24,000	28,000	775	208 60 1 1.0	3/8" 5/8"	46 LBS	SEE NOTES #1 - #3

NOTES:
 1. PROVIDE WITH FACTORY HARD WIRED THERMOSTAT. T-STAT TO BE ACCESSIBLE WITH TOP MOUNTED AT 48" AFF. SEE FLOOR PLANS.
 2. ELECTRICAL SUPPLY IS FED FROM OUTDOOR UNIT THROUGH FIELD-SUPPLIED WIRING PER MANUFACTURER'S SPECIFICATIONS. FAN COIL TO BE MOUNTED ABOVE THE HEIGHT OF THE THERMOSTAT.
 3. PROVIDE WITH CONDENSATE PUMP.

SPLIT SYSTEM OUTDOOR CONDENSING UNIT SCHEDULE

TAG	MANUFACTURER & MODEL #	QTY.	DESCRIPTION	NOM. TONS	COOLING BTU/H	HEATING (47°F) BTU/H	ELECTRICAL VOLT HZ PH MCA MOCP	SEER	OP. WEIGHT	REMARKS
CU-1	mitsubishi #TRUZH0241HA10NA	1	OUTDOOR	2.0	24,000	28,000	208 60 1 17 27	19.5	190 LBS	SEE NOTES #1, #2

NOTES:
 1. REFRIGERANT TYPE R-410A.
 2. DISCONNECT BY ELECTRICAL.

EXHAUST FAN SCHEDULE

TAG	MANUFACTURER & MODEL #	DESCRIPTION	CFM	FAN RPM	SONES	S.P.	MOTOR POWER	ELECTRICAL VOLT PH FLA	OP. WEIGHT	REMARKS
EF-1	COOK #GNCF-700	CEILING MOUNT	625	1500	5.5	0.5"	148W	115 1 4.4	40 LBS	SEE NOTES #1 - #3
EF-2	COOK #GNCF-700	CEILING MOUNT	625	1500	5.5	0.5"	148W	115 1 4.4	40 LBS	SEE NOTES #1 - #3
EF-3	COOK #GNCF-180	CEILING MOUNT	125	1100	3.5	0.5"	26W	115 1 1.2	19 LBS	SEE NOTES #1 - #3
EF-4	COOK #GNCF-180	CEILING MOUNT	100	1000	3.0	0.5"	19W	115 1 1.2	19 LBS	SEE NOTES #1 - #4
EF-5	COOK #GNCF-180	CEILING MOUNT	125	1000	3.0	0.5"	19W	115 1 1.2	19 LBS	SEE NOTES #1 - #4

NOTES:
 1. PROVIDE WITH BACKDRAFT DAMPER.
 2. PROVIDE WITH INTEGRAL "EC" FAN SPEED CONTROL.
 3. INTERLOCK WITH LIGHT SWITCH INCLUDING 15 MINUTE DELAY.
 4. FAN TO RUN CONTINUOUSLY.

LOUVER SCHEDULE

TAG	MANUFACTURER & MODEL #	DESCRIPTION	SIZE	CFM	FREE AREA	VELOCITY	PRESSURE DROP	REMARKS
L-1	RUSKIN #ELF375DX	4" ALUMINUM DRAINABLE	14"x22"	625	0.91 SF	689 FPM	0.09" W.C.	EXTRUDED ALUMINUM, DRAINABLE, STATIONARY
L-2	RUSKIN #ELF375DX	4" ALUMINUM DRAINABLE	14"x22"	625	0.91 SF	689 FPM	0.09" W.C.	EXTRUDED ALUMINUM, DRAINABLE, STATIONARY
L-3	RUSKIN #ELF375DX	4" ALUMINUM DRAINABLE	14"x22"	325	0.91 SF	357 FPM	0.03" W.C.	EXTRUDED ALUMINUM, DRAINABLE, STATIONARY

MECHANICAL GENERAL NOTES

- SCOPE: A NEW COMPLETE HVAC SYSTEM, INCLUDING MECHANICAL EQUIPMENT & DUCTWORK AS GENERALLY DELINEATED ON THE DRAWINGS. EQUIPMENT SHALL COMPLY WITH TITLE 24 CALIFORNIA CODE OF REGULATIONS.
- CODES: ALL WORK MATERIAL AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED IN COMPLIANCE WITH THE FOLLOWING CODES AS ADOPTED AND AMENDED BY THE INSPECTING AUTHORITY HAVING JURISDICTION. NOTHING IN THESE PLANS SHALL BE CONSTRUED TO PERMIT THE INSTALLATION OF WORK, MATERIAL OR EQUIPMENT NOT CONFORMING TO THESE OR OTHER CODES APPLICABLE TO THIS PROJECT.
 - A. 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
 - B. 2019 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CCR BASED ON THE 2018 INTERNATIONAL BUILDING CODE (IBC)
 - C. 2019 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR BASED ON THE 2017 NATIONAL ELECTRICAL CODE (NEC)
 - D. 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR BASED ON THE 2018 UNIFORM MECHANICAL CODE (UMC)
 - E. 2019 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR BASED ON THE 2018 UNIFORM PLUMBING CODE (UPC)
 - F. 2019 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24 CCR.
 - G. 2019 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CCR BASED ON THE 2018 INTERNATIONAL FIRE CODE (IFC)
 - H. 2019 CALIFORNIA GREEN BUILDING STANDARDS (CGBSC) PART 11, TITLE 24, CCR
- WORKMANSHIP: ALL WORKMANSHIP SHALL BE DONE IN A NEAT AND ORDERLY MANNER ACCORDING TO THE BEST TRADE PRACTICE BY THOSE SKILLED IN THE PARTICULAR TRADE. EQUIPMENT, DUCTS, GRILLES, ETC., SHALL BE PLUMB, LEVEL, SQUARE OR CENTERED ETC., TO GIVE A NEAT AND PLEASING APPEARANCE. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- AVAILABLE POWER: THE MECHANICAL CONTRACTOR SHALL CONFIRM ALL SYSTEMS VOLTAGES BEFORE BIDDING OR ORDERING EQUIPMENT, AND SHALL ALLOW FOR BUCK & BOOST TRANSFORMERS IF REQUIRED.
- AIR BALANCE: THE AIR DISTRIBUTION SYSTEM SHALL BE BALANCED TO DELIVER SPECIFIED AIR QUANTITIES FOLLOWING THE PROCEDURES OF THE LATEST EDITION OF THE SMACNA PUBLICATION PROCEDURAL STANDARDS FOR TESTING ADJUSTING & BALANCING OF ENVIRONMENTAL SYSTEMS. CONTRACTOR SHALL PROVIDE ACCESSIBLE & ADJUSTABLE VOLUME DAMPERS AS REQUIRED TO BALANCE THE SYSTEMS AND MAINTAIN A NOISE CRITERIA LEVEL NOT TO EXCEED 30. THE AIR BALANCE TECHNICIAN SHALL BE RESPONSIBLE TO MODIFY ALL SUPPLY, RETURN, AND EXHAUST FAN SHEAVES & VFD OUTPUT FREQUENCY LIMITS AS APPLICABLE SUCH THAT THE DESIGN AIR FLOWS ARE MET. ALL SUPPLY FANS CONTROLLED FOR FILTER LOADING SHALL SIMILARLY BE MODIFIED TO ENSURE THE FULL RANGE OF MOTOR POWER IS AVAILABLE TO THE CONTROL SYSTEM. RATED MAXIMUM FAN SPEED SHALL NOT BE EXCEEDED.
- PERMITS AND UTILITY SERVICE FEES: CONTRACTOR TO ARRANGE AND PAY FOR ALL PERMITS, INSPECTIONS AND SERVICE CHARGES REQUIRED IN THE INSTALLATION OF THE WORK.
- EXISTING INFORMATION: LOCATION, SIZE, MATERIAL, ETC. OF EXISTING SYSTEMS, ETC., IS PROVIDED FROM SOURCES DEEMED TO BE RELIABLE BUT IS NOT GUARANTEED. CONTRACTOR SHALL FIELD VERIFY ALL DATA BEFORE PROCEEDING WITH ANY WORK. NO EXTRA COST WILL BE ALLOWED FOR CONDITIONS NOT AS SHOWN.
- ACCURACY: PLANS ARE DIAGRAMMATIC. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AND LOCATIONS OF AC UNITS, EXHAUST FANS, WALLS, PARTITIONS ETC., AGAINST ARCHITECTURAL AND STRUCTURAL DESIGN PLANS FOR LOCATION CONSISTENCY & ACCURACY PRIOR TO COMMENCING WITH ANY WORK.
- PAINTING: PAINT ALL VISIBLE INTERIOR PORTIONS OF TERMINAL DEVICES & CANS WITH FLAT BLACK ENAMEL PAINT.
- SIZES: DUCTWORK SIZES ON PLANS ARE INSIDE NET FREE AREA.
- MECHANICAL EQUIPMENT: ALL EQUIPMENT SHALL BE LISTED BY AN APPROVED TESTING AGENCY AND INSTALLED IN ACCORDANCE WITH ITS INSTALLATION INSTRUCTIONS AND LISTING.

MECHANICAL LEGEND

DESCRIPTION	SYMBOL
SUPPLY AIR DUCT SECTION	SA
RETURN AIR DUCT SECTION	RA
DUCT SIZE NET INSIDE DIMENSION	12 X 12
EXHAUST AIR DUCT SECTION	EA
SPLITTER DAMPER W/ LOCKING QUADRANT	[Symbol]
FLEXIBLE DUCT CONNECTION	[Symbol]
DUCT DROP/RISE	[Symbol]
DOOR LOUVER	[Symbol]
AIR EXTRACTOR	[Symbol]
ACCESS DOOR - A.D.	[Symbol]
VOLUME DAMPER W/ LOCKING QUADRANT	[Symbol]
AUTO MOTORIZED CONTROLLED DAMPER	[Symbol]
FIRE DAMPER / CEILING FIRE DAMPER	[Symbol]
MOTORIZED FIRE / SMOKE DAMPER	[Symbol]
1ST LETTER - LOCATION	C-CEILING W-WALL F-FLOOR
2ND LETTER - SERVICE	S-SUPPLY R-RETURN E-EXHAUST
NUMBER	5-SEE SCH FOR TYPE
300 CFM = CUBIC FEET PER MINUTE 12 X 12 = NECK SIZE	[Symbol]
SMOKE DETECTOR	[SD]
DUCT WITH ACOUSTICAL LINING	[Symbol]
TO BE REMOVED	[Symbol]
THERMOSTAT	[Symbol]
CONDENSATE DRAIN LINE	[CD]

SHEET INDEX

SHEET NO.	DESCRIPTION
M-0	MECHANICAL - SCHEDULES, LEGEND, & NOTES
M-1	MECHANICAL - FLOOR PLAN
M-2	MECHANICAL - DETAILS



12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
 MECHANICAL - SCHEDULES, LEGEND & NOTES

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE
DESIGNED BY	CITY ENGINEER STOCKTON, CALIFORNIA
DRAWN BY	
CHECKED BY	
RECORD DWGS.	
SHEET NO. M-0	147 OF 162 SHTS
WR21017	PROJECT NO.

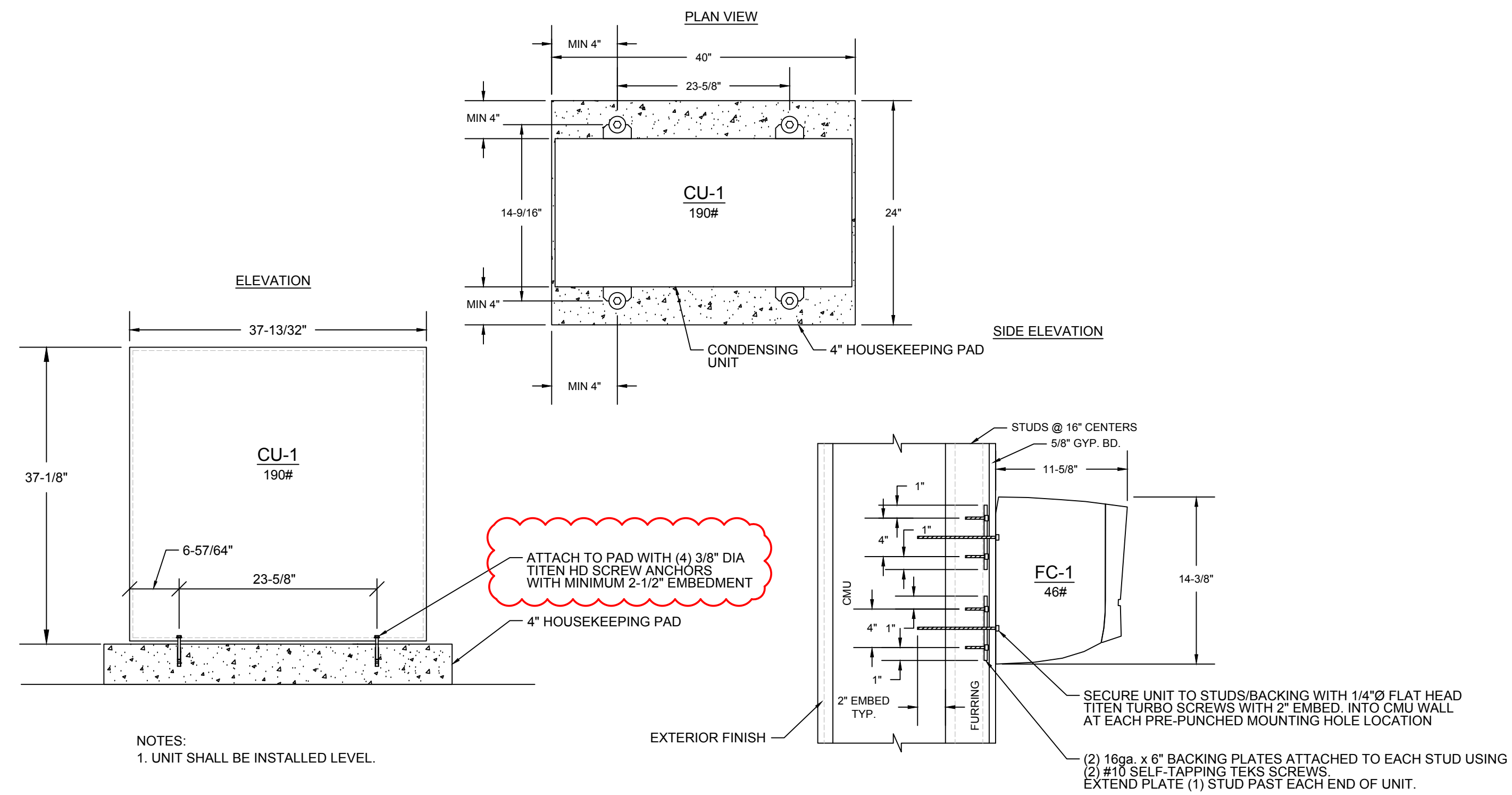
Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/2022		



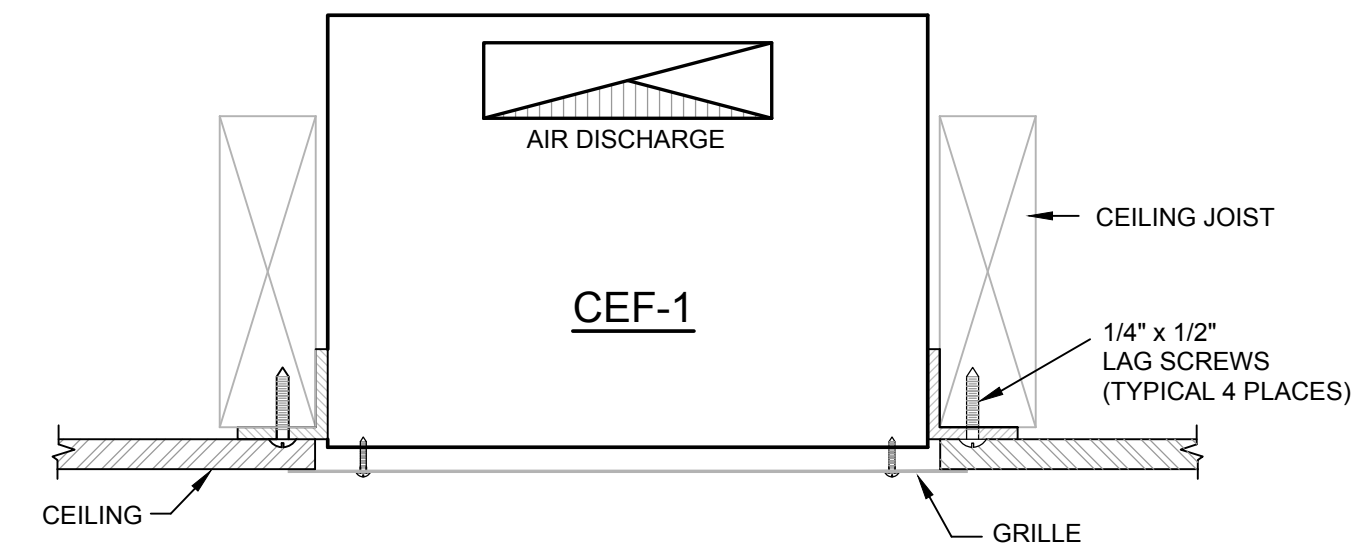
nexus engineering
 Consulting Mechanical Engineers
 1400 Lone Palm Ave, Suite A
 Modesto, CA 95351
 Tel: 209.572.7399 Fax: 209.236.1579
 www.nexusengineering.net
 HVAC, Plumbing/Piping, Fire Sprinklers
 Process/Plant Engineering, Refrigeration

J:\2021 Jobs\21325 - McKinley Pool House\21325 - McKinley Pool House Mechanical.dwg, 11/8/2022 6:44:27 PM, g.leusinik, ARCH full bleed D (24.00 x 36.00 Inches)

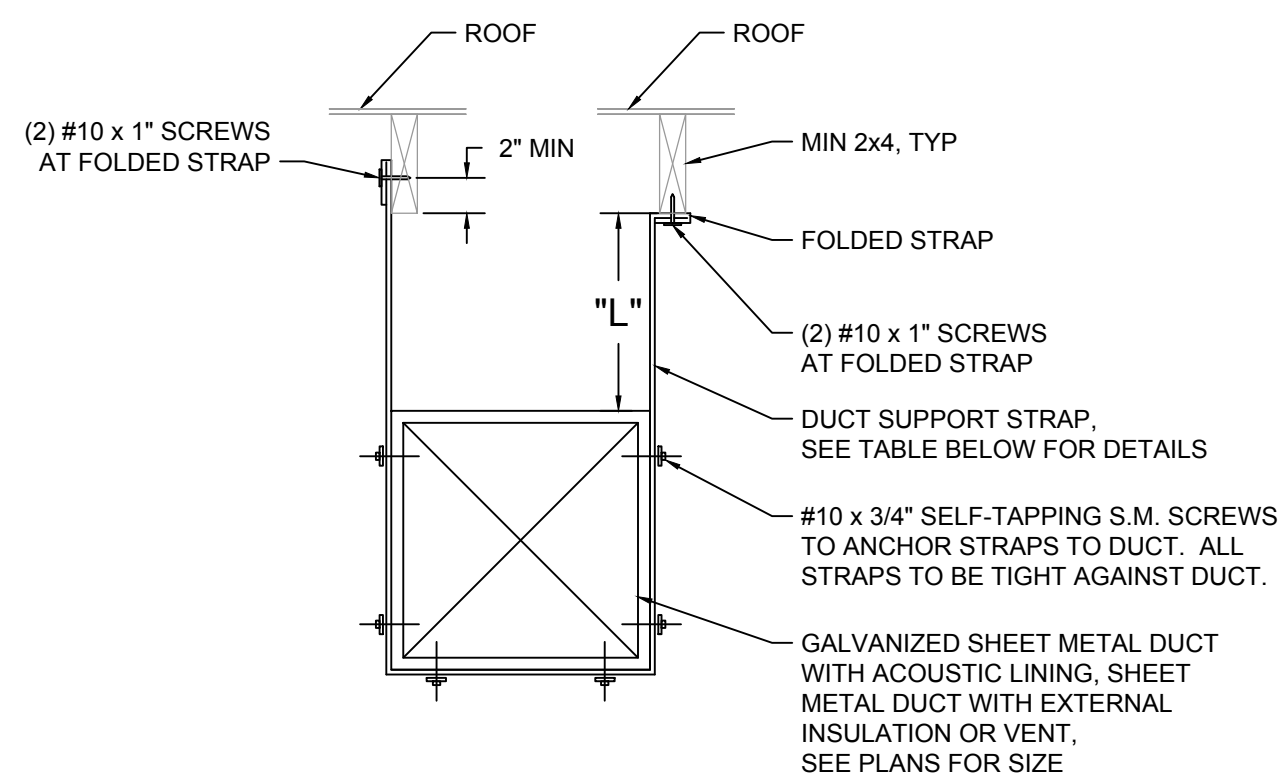
File Path: J:\2021 Jobs\21325 - McKinley Pool House\21325 - McKinley Pool House Mechanical.dwg Plot Date: 11/18/22, Source: g.leusinik



1 DUCTLESS SPLIT SYSTEM MOUNTING DETAIL
M-2 SCALE: NONE



2 CEILING EXHAUST FAN DETAIL
M-2 SCALE: NONE



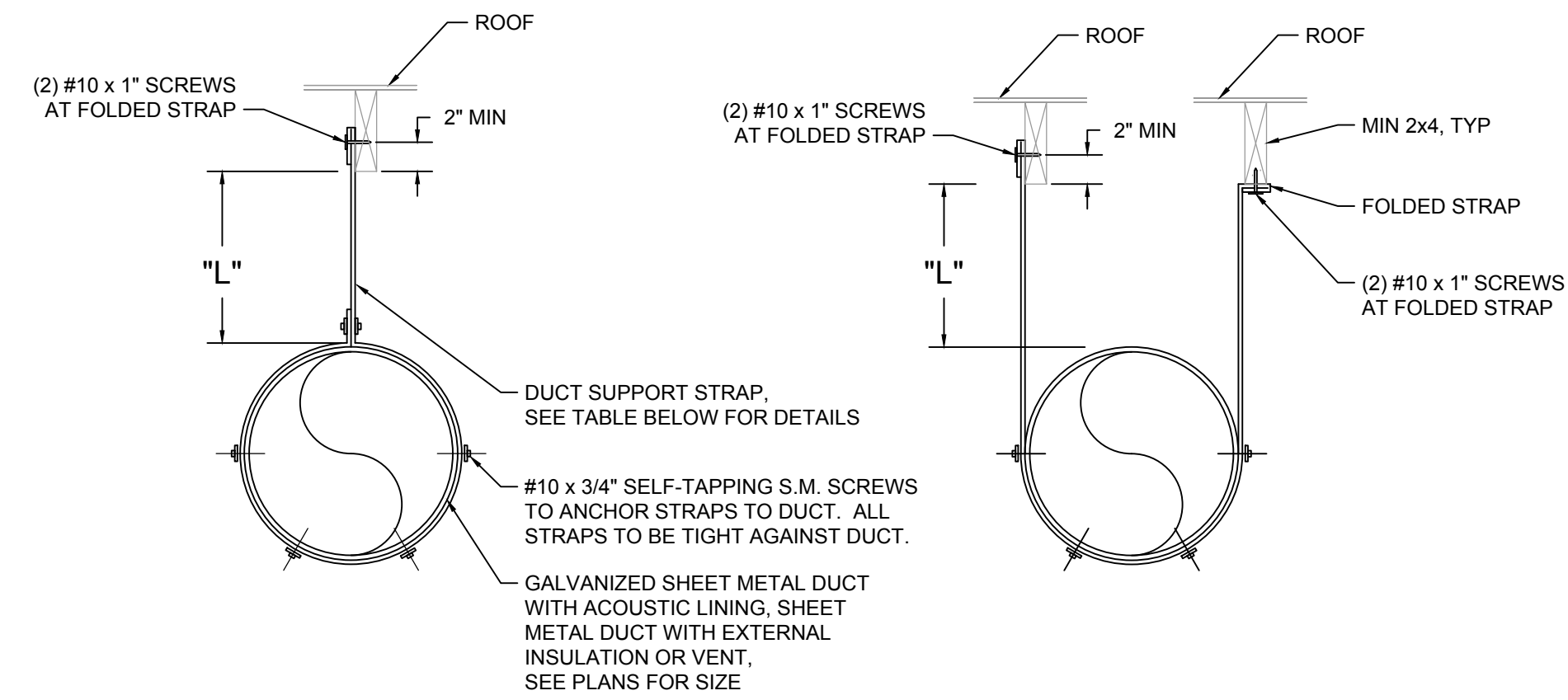
- NOTES:
- DUCT WITH A CROSS-SECTIONAL AREA EQUAL TO OR GREATER THAN 6 SQUARE FEET AND "L" GREATER THAN 12" REQUIRE SEISMIC BRACING.
 - HANGER MUST BE POSITIVELY ATTACHED TO THE DUCT WITHIN 2" OF THE TOP OF THE DUCT WITH A MINIMUM OF TWO #10 SHEET METAL SCREWS.

MAXIMUM HALF OF DUCT PERIMETER	PAIR @ 10'-0" SPACING		PAIR @ 8'-0" SPACING		PAIR @ 5'-0" SPACING		PAIR @ 4'-0" SPACING	
	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD
P/2 = 30"	1"x0.030" (22 GA)	10 GA	1"x0.030" (22 GA)	10 GA	1"x0.030" (22 GA)	12 GA	1"x0.030" (22 GA)	12 GA
P/2 = 72"	1"x0.047" (18 GA)	3/8"	1"x0.036" (20 GA)	1/4"	1"x0.030" (22 GA)	1/4"	1"x0.030" (22 GA)	1/4"
P/2 = 96"	1"x0.058" (16 GA)	3/8"	1"x0.047" (18 GA)	3/8"	1"x0.036" (20 GA)	3/8"	1"x0.030" (22 GA)	1/4"
P/2 = 120"	1-1/2"x0.058" (16 GA)	1/2"	1"x0.058" (16 GA)	3/8"	1"x0.047" (18 GA)	3/8"	1"x0.036" (20 GA)	1/4"
P/2 = 168"	1-1/2"x0.058" (16 GA)	1/2"	1-1/2"x0.058" (16 GA)	1/2"	1"x0.058" (16 GA)	3/8"	1"x0.047" (18 GA)	3/8"
P/2 = 192"	-	1/2"	1-1/2"x0.058" (16 GA)	1/2"	1"x0.058" (16 GA)	3/8"	1"x0.058" (16 GA)	3/8"

WHEN STRAPS ARE LAP-JOINED, USE THESE MINIMUM FASTENERS:	WHEN STRAPS ARE LAP-JOINED, USE THESE MINIMUM FASTENERS:	
	STRAP	WIRE OR ROD (DIA.)
1"x0.047", 0.036" 0.030" - TWO NO. 10 OR ONE 1/4" BOLT	1"x0.030" - 260 LBS	0.106" - 80 LBS
1"x0.058" - TWO 1/4" BOLT	1"x0.036" - 320 LBS	0.135" - 120 LBS
1-1/2"x0.058" - TWO 3/8" BOLT	1"x0.047" - 420 LBS	0.162" - 160 LBS
PLACE FASTENERS IN SERIES, NOT SIDE-BY-SIDE.	1"x0.058" - 700 LBS	1/4" - 270 LBS
	1-1/2"x0.030" - 1100 LBS	3/8" - 690 LBS
		1/2" - 1250 LBS
		5/8" - 2000 LBS
		3/4" - 3000 LBS

- NOTES:
- DIMENSIONS OTHER THAN GAUGE ARE IN INCHES.
 - TABLES ALLOW FOR DUCT WEIGHT 1 LB./SF INSULATION WEIGHT NORMAL REINFORCEMENT AND TRAPEZE WEIGHT BUT NO EXTERNAL LOADS.
 - STRAPS ARE GALVANIZED STEEL; OTHER MATERIALS ARE UNCOATED STEEL.
 - ALLOWABLE LOADS FOR P/2 ASSUME THAT DUCTS ARE 0.058" (16 GA) MAXIMUM, EXCEPT THAT WHEN MAXIMUM DUCT DIMENSION (W) IS OVER 60", THEN P/2 MAXIMUM IS 1.25W.
 - FOR TRAPEZE SIZES SEE TITLE 24, PART 4, 2001 CALIFORNIA MECHANICAL CODE, APPENDIX A, UMC STANDARD 6-2, TABLE NUMBER 6-2-B.
 - 12 GA, 10 GA OR 8 GA WIRE IS STEEL OF BLACK-ANNEALED, BRIGHT BASIC OR GALVANIZED TYPE.

3 RECTANGULAR DUCT HANGER DETAIL
M-2 SCALE: NONE



- NOTES:
- DUCT WITH A CROSS-SECTIONAL AREA EQUAL TO OR GREATER THAN 6 SQUARE FEET AND "L" GREATER THAN 12" REQUIRE SEISMIC BRACING.

DUCT DIAMETER	MAXIMUM SPACING	ROD DIAMETER	STRAP
≤ 10"	12'	1/4"	1" x 0.030" (22 GA.)
11" TO 18"	12'	1/4"	1" x 0.030" (22 GA.)
19" TO 24"	12'	1/4"	1" x 0.030" (22 GA.)
25" TO 36"	12'	3/8"	1" x 0.036" (20 GA.)
37" TO 50"	12'	2 @ 3/8"	2 @ 1" x 0.036" (20 GA.)
51" TO 80"	12'	2 @ 3/8"	2 @ 1" x 0.037" (18 GA.)
81" TO 94"	12'	2 @ 3/8"	2 @ 1" x 0.058" (16 GA.)

4 ROUND DUCT HANGER DETAIL
M-2 SCALE: NONE



12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.ccallanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
MECHANICAL - DETAILS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DATE			M-2
DRAWN BY				149 OF 162 SHTS
CHECKED BY	CITY ENGINEER			WR21017
RECORD DWGS.	STOCKTON, CALIFORNIA			PROJECT NO.

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/2022		



nexus engineering
Consulting Mechanical Engineers
1400 Lone Palm Ave, Suite A
Modesto, CA 95351
Tel: 209.572.7399 Fax: 209.236.1579
www.nexusengineering.net
HVAC, Plumbing/Piping, Fire Sprinklers
Process/Plant Engineering, Refrigeration

J:\2021 Jobs\21325 - McKinley Pool House Plumbing.dwg, 11/18/2022 6:44:29 PM, g.leusink, ARCH full bleed D (24.00 x 36.00 inches)

PLUMBING FIXTURE SCHEDULE table with columns MARK and DESCRIPTION. Includes items like WC-1, WC-2, L-1, UR-1, SHR-1, SHR-2, SHR-3, FD-1, JS-1, FS-1, FCO, WCO, TP-1.

PLUMBING EQUIPMENT SCHEDULE table with columns MARK and DESCRIPTION. Includes items like WH-1, GR-1, DF-1, BFP-1, HB-1, CP-1, MV-1.

PLUMBING MATERIAL SPECIFICATIONS table with sections A. DWV (SS & V), B. DOMESTIC WATER, C. CONDENSATE DRAIN, D. NATURAL GAS (G).

FIXTURE CONNECTION SCHEDULE table with columns FIXTURE, SYM, WASTE, TRAP, VENT, COLD WATER, HOT WATER.

SHEET INDEX table with columns SHEET NO. and DESCRIPTION. Lists sheets P-0 through P-4.

PLUMBING GENERAL NOTES section containing 14 numbered notes regarding scope, codes, workmanship, and accessibility requirements.

PLUMBING LEGEND table with columns SYMBOL, ABBREVIATION, and DESCRIPTION. Lists various plumbing symbols and their corresponding abbreviations.

DOMESTIC WATER SIZING CALCULATION table showing source data, demand data, source to pump, booster pump, building system, and flush valve system calculations.



12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366 www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013 MCKINLEY PARK RENOVATIONS PROJECT PLUMBING - SCHEDULES, LEGEND & NOTES

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA table with columns for SCALE, DESIGNED BY, DRAWN BY, CHECKED BY, RECORD DWGS., APPROVED BY, DATE, SHEET NO., and PROJECT NO.



Revision table with columns Revision No., Description, Date, By, and Aprvd. By. Shows revision 1 for cycle 1 comments.

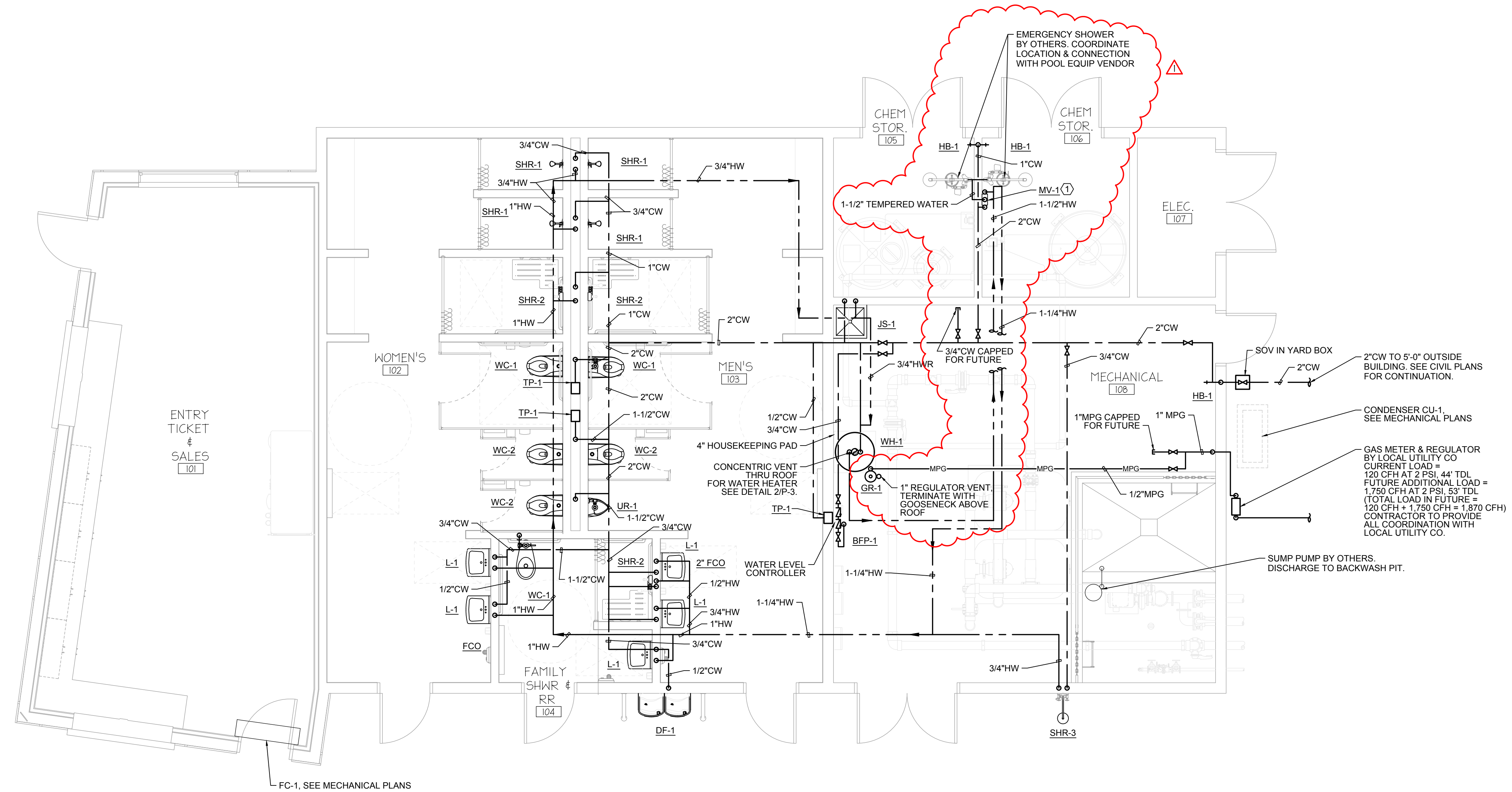
File Path: J:\2021 Jobs\21325 - McKinley Pool House Plumbing.dwg, Plot Date: 11/18/22, Scale: 1/8" = 1'-0", Copyright © 2022 Callander Associates, Inc.

SHEET NOTES

1. FOR PIPE PENETRATIONS, SEE 4/S1.1.

KEYNOTES

1. 1-1/2" CW AND 1-1/2" HW DOWN TO MIXING VALVE MV-1. 1-1/2" TEMPERED WATER (85F) FROM MV-1, SPLIT TO (2) 1-1/2" TEMPERED WATER LINES, (1) 1-1/2" TEMPERED WATER TO EACH EMERGENCY SHOWER.



1
P-1 **PLUMBING - FLOOR PLAN - PRESSURE PIPING**
SCALE: 1/4" = 1'-0"



CALA
12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PLUMBING - FLOOR PLAN - PRESSURE PIPING

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY:	SHEET NO.
SCALE AS SHOWN	DATE		P-1
DESIGNED BY	CITY ENGINEER		151 OF 162 SHTS
DRAWN BY	STOCKTON, CALIFORNIA		WR21017
CHECKED BY			PROJECT NO.
RECORD DWGS.			

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/2022		



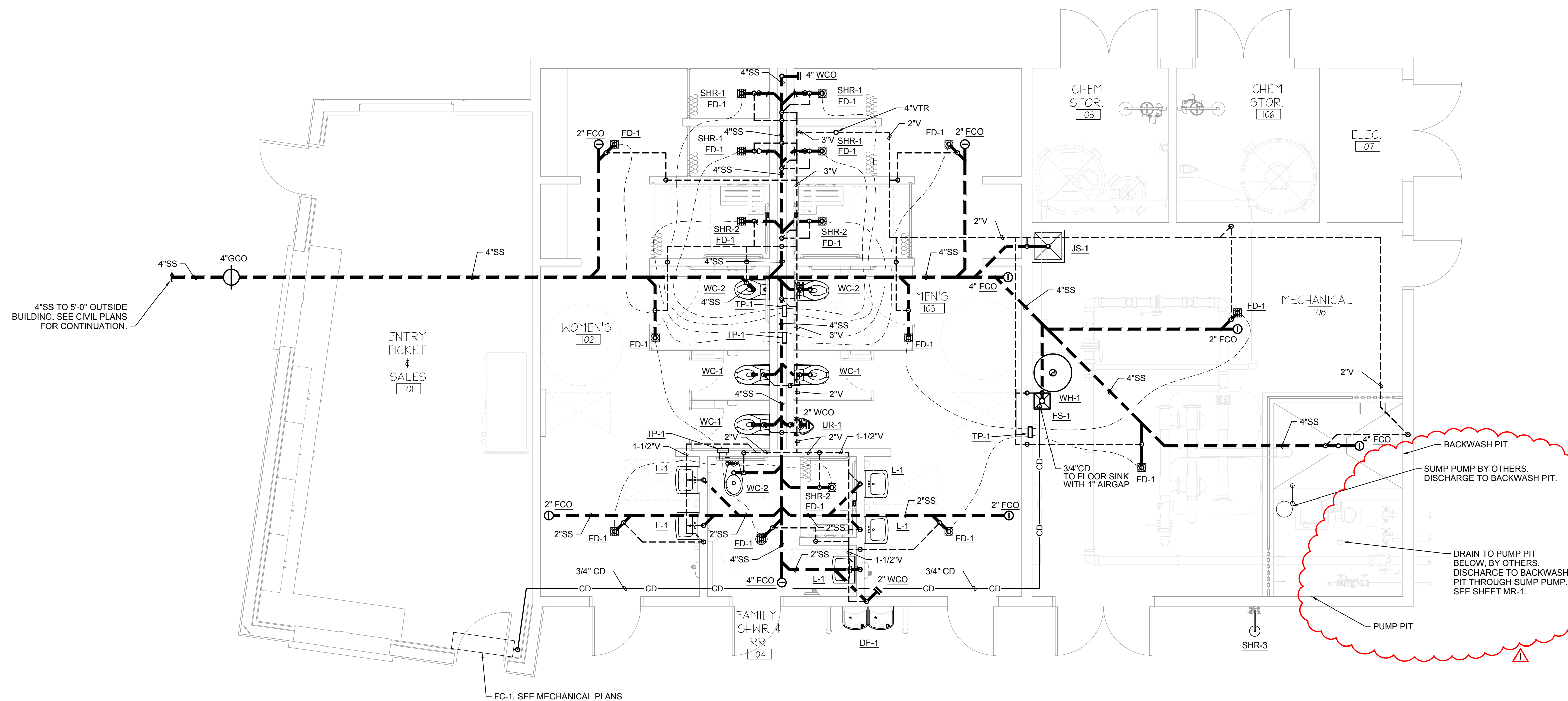
nexus engineering
Consulting Mechanical Engineers
1400 Lone Palm Ave, Suite A
Modesto, CA 95351
Tel: 209.572.7399 Fax: 209.236.1579
www.nexusengineering.net
HVAC, Plumbing/Piping, Fire Sprinklers
Process/Plant Engineering, Refrigeration

J:\2021 Jobs\21325 - McKinley Pool House\21325 - McKinley Pool House Plumbing.dwg, 11/8/2022 6:44:29 PM, g.leusink, ARCH full bleed D (24.00 x 36.00 inches)

File Path: J:\2021 Jobs\21325 - McKinley Pool House\21325 - McKinley Pool House Plumbing.dwg, Plot Date: 11/8/22, Scale: 1/4" = 1'-0"
Copyright © 2022 Callander Associates. All rights reserved. Callander Associates is a registered trademark of Callander Associates, Inc.

SHEET NOTES

1. FOR UNDERGROUND PIPE, SEE 8/S1.0 FOR TRENCHING AND BACKFILL.
2. FOR PIPE PENETRATIONS, SEE 4/S1.1.



1 PLUMBING - FLOOR PLAN - GRAVITY PIPING
 P-2 SCALE: 1/4" = 1'-0" NORTH



CALA 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
 PLUMBING - FLOOR PLAN - GRAVITY PIPING

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/2022		

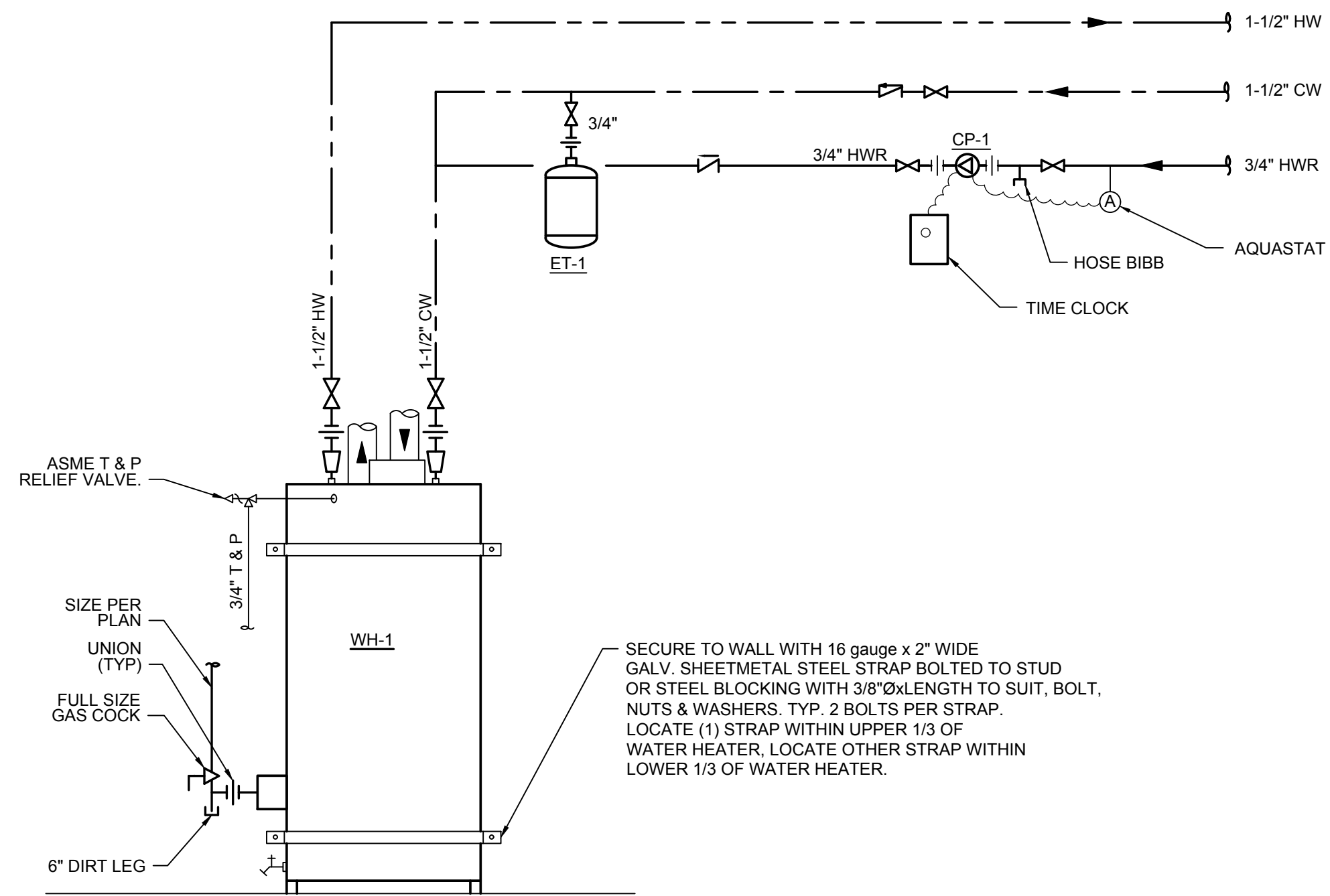
SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DATE	P-2
DRAWN BY		152 OF 162 SHTS
CHECKED BY	CITY ENGINEER	WR21017
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.



nexus engineering
 Consulting Mechanical Engineers
 1400 Lone Palm Ave, Suite A
 Modesto, CA 95351
 Tel: 209.572.7399 Fax: 209.236.1579
 www.nexusengineering.net
 HVAC, Plumbing/Piping, Fire Sprinklers
 Process/Plant Engineering, Refrigeration

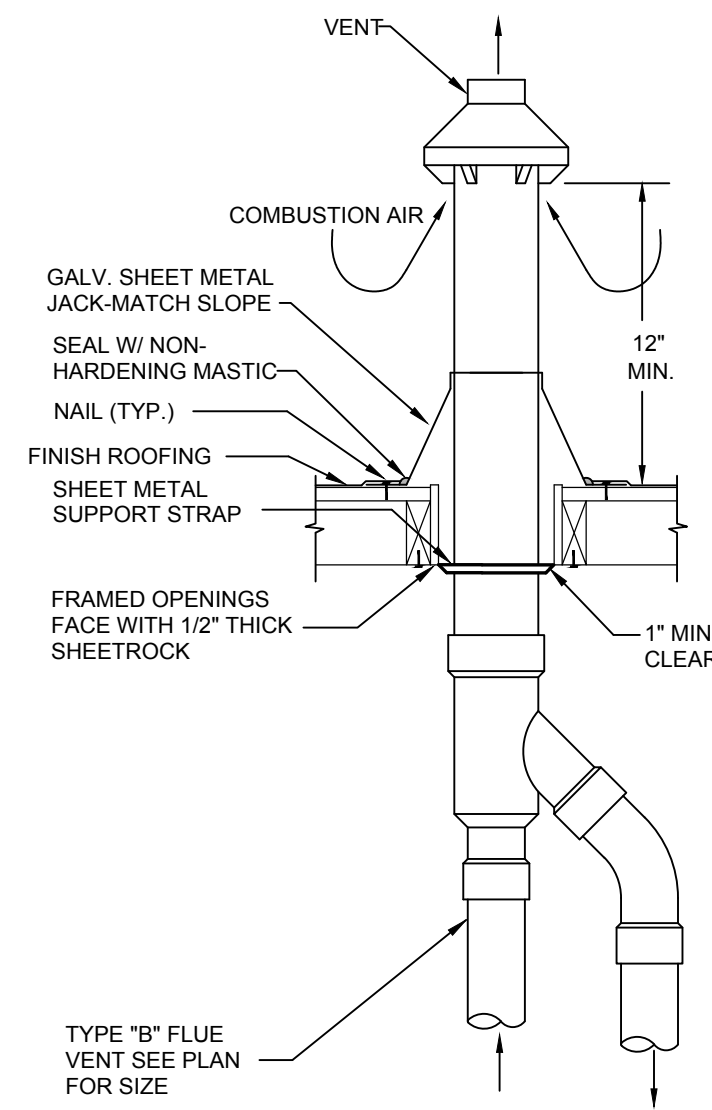
J:\2021 Jobs\21325 - McKinley Pool House\21325 - McKinley Pool House Plumbing.dwg, 11/8/2022 6:44:30 PM, g.leusink, ARCH full bleed D (24.00 x 36.00 inches)

File Path: J:\2021 Jobs\21325 - McKinley Pool House\21325 - McKinley Pool House Plumbing.dwg, Plot Date: 11/8/22, Scale: P1, Color: Black, Copyright © 2022 Calander Associates, All rights reserved. Architecture, Inc.

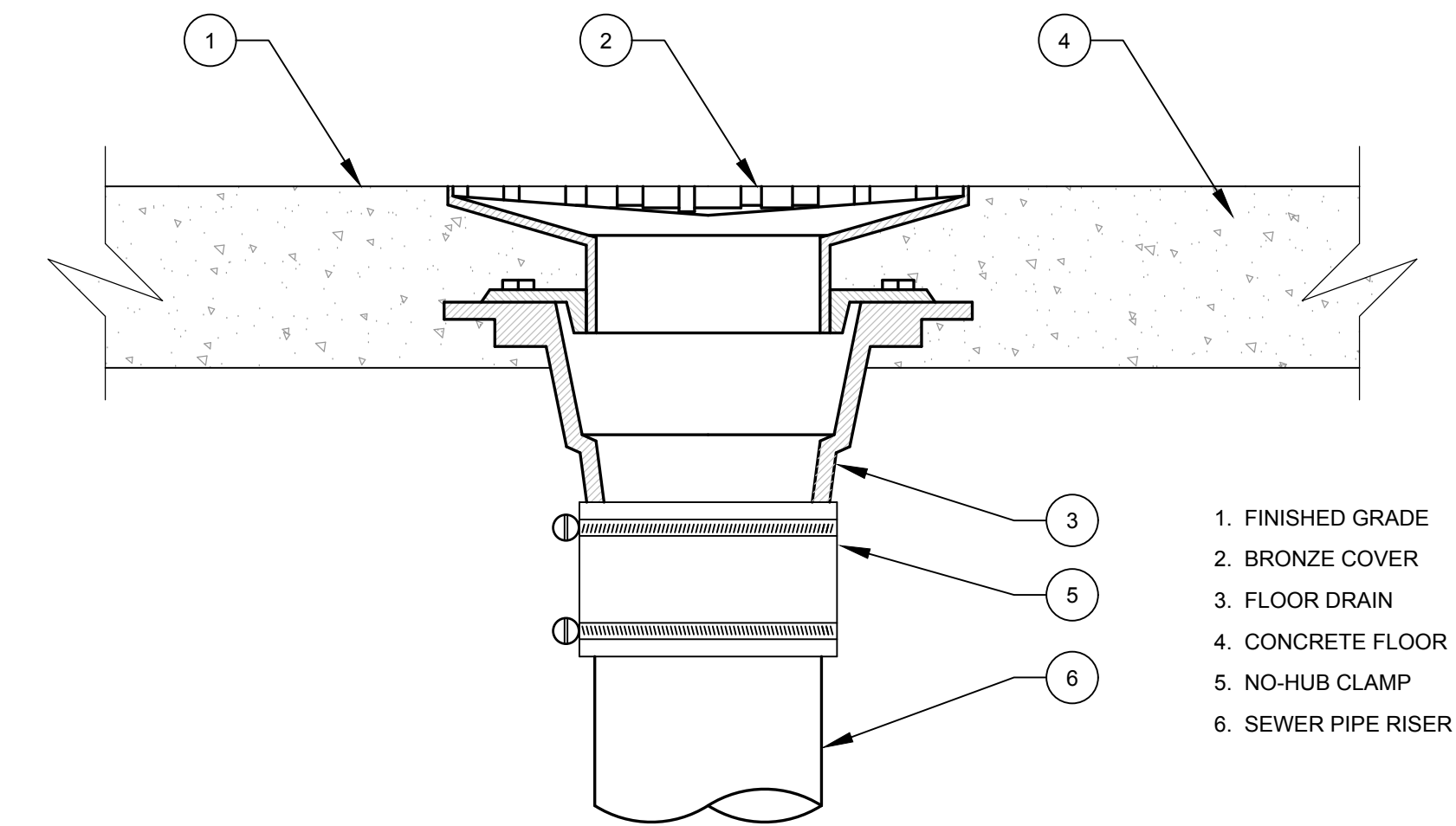


- NOTES:
- UNLESS OTHERWISE NOTED, ALL VALVES & FITTINGS SHALL BE LINE SIZE. USE BELL REDUCERS WHERE REDUCERS ARE REQUIRED. SEE PLANS FOR SIZES.
 - WATER HEATERS SHALL BE SET AT A MAXIMUM TEMPERATURE OF 120° F.

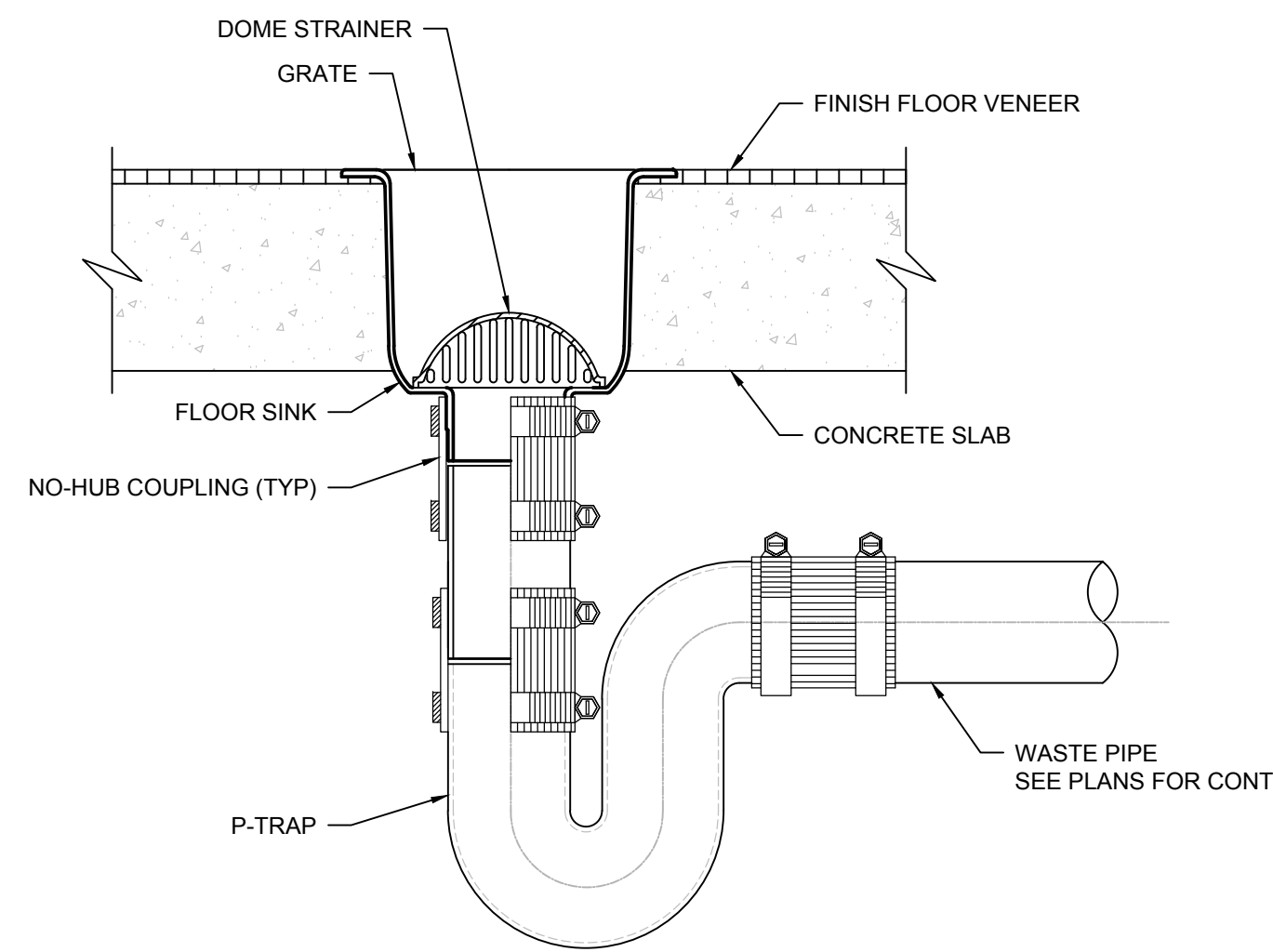
1 WATER HEATER PIPING DIAGRAM
SCALE: NONE



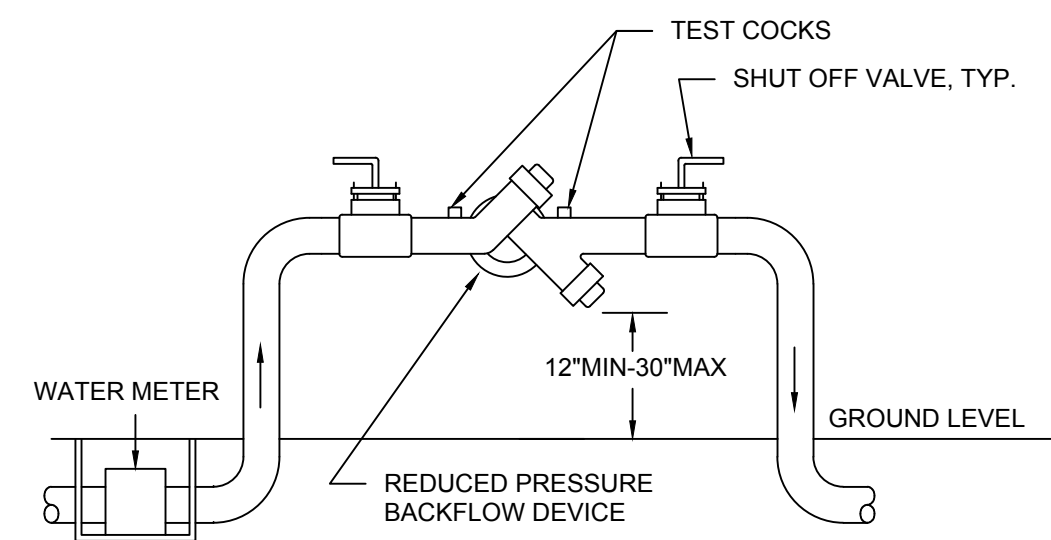
2 CONCENTRIC VENT DETAIL
SCALE: NONE



3 FLOOR DRAIN DETAIL
SCALE: NONE

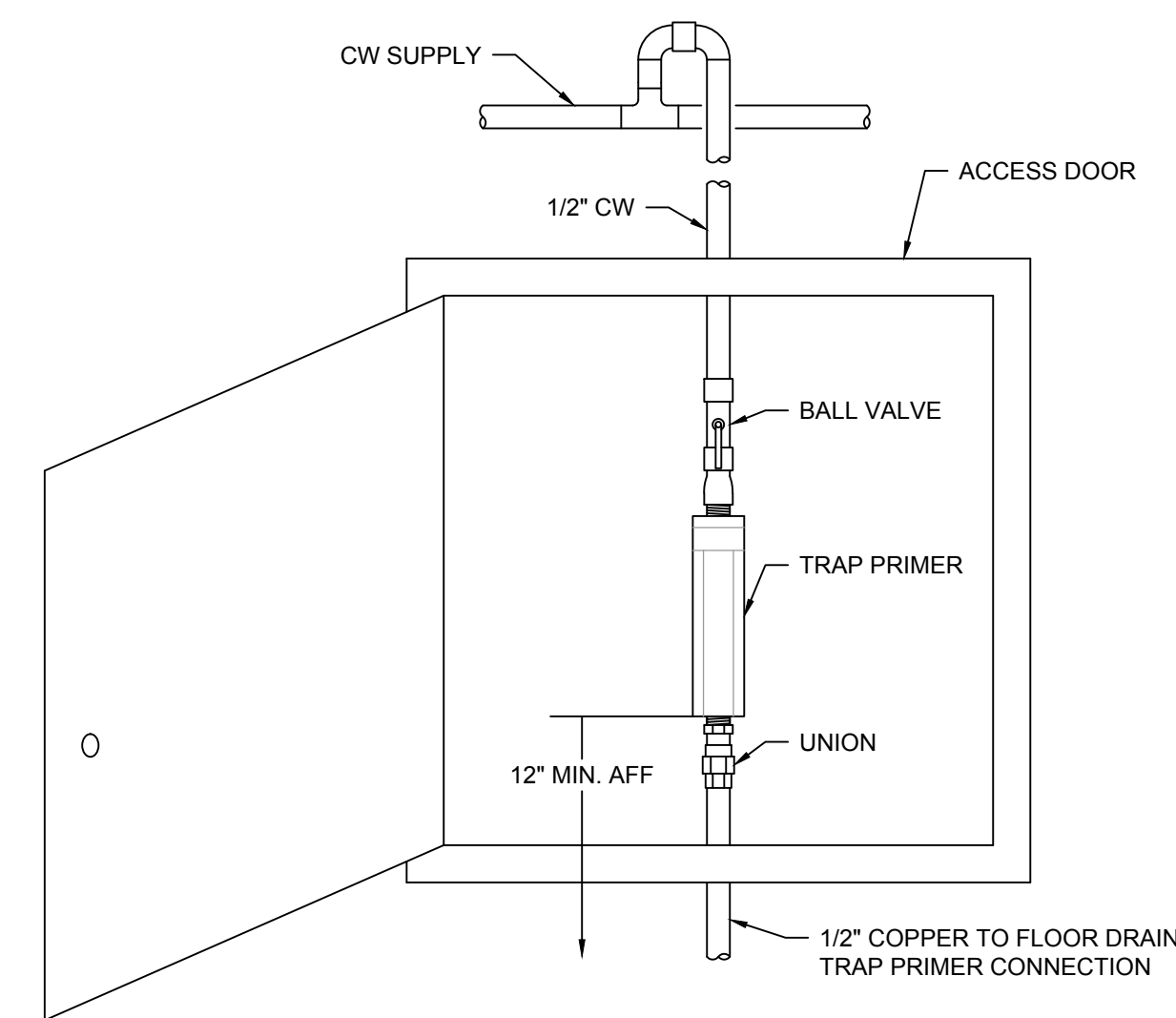


4 FLOOR SINK DETAIL
SCALE: NONE



- NOTES:
- DEVICE USED MUST BE ON WATER DEPT. APPROVED REDUCED PRESS. BACKFLOW PREVENTION DEVICE LIST.
 - TEST COCKS AND SHUTOFF VALVES MUST BE SUPPLIED AS SHOWN.
 - DISCHARGE PORT MUST BE KEPT CLEAR OF OBSTRUCTIONS AT ALL TIMES.
 - ANY DEVIATION MUST RECEIVE PRIOR WATER DEPT. APPROVAL.
 - THE BACKFLOW DEVICE AT THE WATER METER MUST BE INSPECTED BY A TESTING FIRM APPROVED BY THE WATER DEPT. AND THE RESULTS OF THAT INSPECTION SUBMITTED TO THE PUBLIC WORKS DEPARTMENT.

5 BACKFLOW DEVICE DETAIL
SCALE: NONE



6 TRAP PRIMER DETAIL
SCALE: NONE



CALLA 12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
PLUMBING - DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

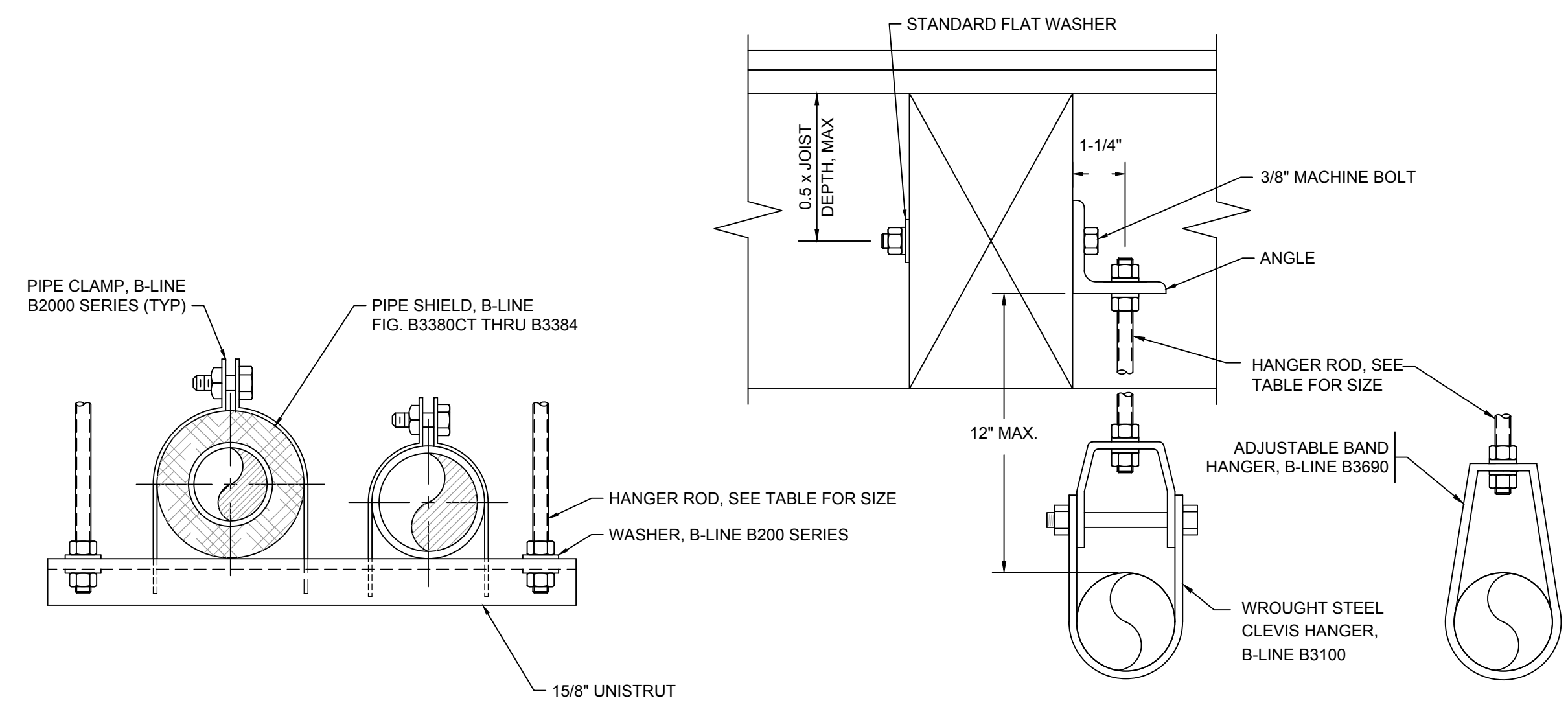
Revision No.	Description	Date	By	Aprvd. By

SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	DATE	P-3
DRAWN BY	CITY ENGINEER	153 OF 162 SHTS
CHECKED BY	STOCKTON, CALIFORNIA	WR21017
RECORD DWGS.		PROJECT NO.



nexus engineering
Consulting Mechanical Engineers
1400 Lone Palm Ave, Suite A
Modesto, CA 95351
Tel: 209.572.7399 Fax: 209.236.1579
www.nexusengineering.net
HVAC, Plumbing/Piping, Fire Sprinklers
Process/Plant Engineering, Refrigeration

J:\2021 Jobs\21325 - McKinley Pool House\21325 - McKinley Pool House Plumbing.dwg, 11/8/2022 6:44:31 PM, g.leusink, ARCH full bleed D (24.00 x 36.00 inches)



COPPER TUBE & PIPE HANGER SCHEDULE
 HORIZONTAL SUPPORT
 PIPE WITH SOLDER OR BRAZED JOINTS

PIPE SIZE	HANGER ROD	MAX HORIZONTAL SPAN
1/2" - 1-1/2"	3/8"	6'
2" - 4"	3/8"	10'
6"	1/2"	10'

COPPER TUBE AND PIPE WITH SOLDER, BRAZED OR WELDED JOINTS, SIZES DEVELOPED FROM TABLE 313.3 & TABLE 313.6 OF THE 2019 CPC.
 ALL PIPE SHALL BE SUPPORTED WITHIN 18" OF A JOINT.
SEISMIC BRACING IS REQUIRED FOR ALL PIPE EXCEPT:
 1. ANY PIPE SUSPENDED 12" OR LESS IN LENGTH FROM TOP OF PIPE TO BOTTOM OF SUPPORT STRUCTURE ("L" THIS DETAIL)
 2. PIPE ≤ 2" DIAMETER VENT, GAS, OR EMPTY SCH 40 STEEL PIPE
 3. PIPE ≤ 1-1/2" DIAMETER FULL SCH 40 STEEL PIPE
 4. PIPE ≤ 3" DIAMETER VENT, GAS, OR EMPTY SCH 40 COPPER PIPE
 5. PIPE ≤ 2" DIAMETER FULL COPPER PIPE
 6. ANY PIPE WITH AN OPERATING WEIGHT ≤ 5 LBS/FT. PIPES WITH HAZARDOUS CONTENTS (MEDICAL GASES, FUEL OIL, NATURAL GAS, ETC) SHALL BE BRACED REGARDLESS OF WEIGHT.
 7. PIPE ≤ 1" SERVING MEDICAL GAS, FUEL OIL, NATURAL GAS OR ANY OTHER HAZARDOUS MATERIAL (MEDICAL VACUUM & COMPRESSED AIR ARE NON-HAZARDOUS)
 8. ANY OTHER PIPE ≤ 1"

STEEL & BRASS PIPE HANGER SCHD GAS
 HORIZONTAL SUPPORT
 PIPE WITH THREADED OR WELDED JOINTS

PIPE SIZE	HANGER ROD	MAX HORIZONTAL SPAN
1/2"	3/8"	6'
3/4" - 1"	3/8"	8'
1-1/4" - 4"	3/8"	10'
6"	1/2"	10'

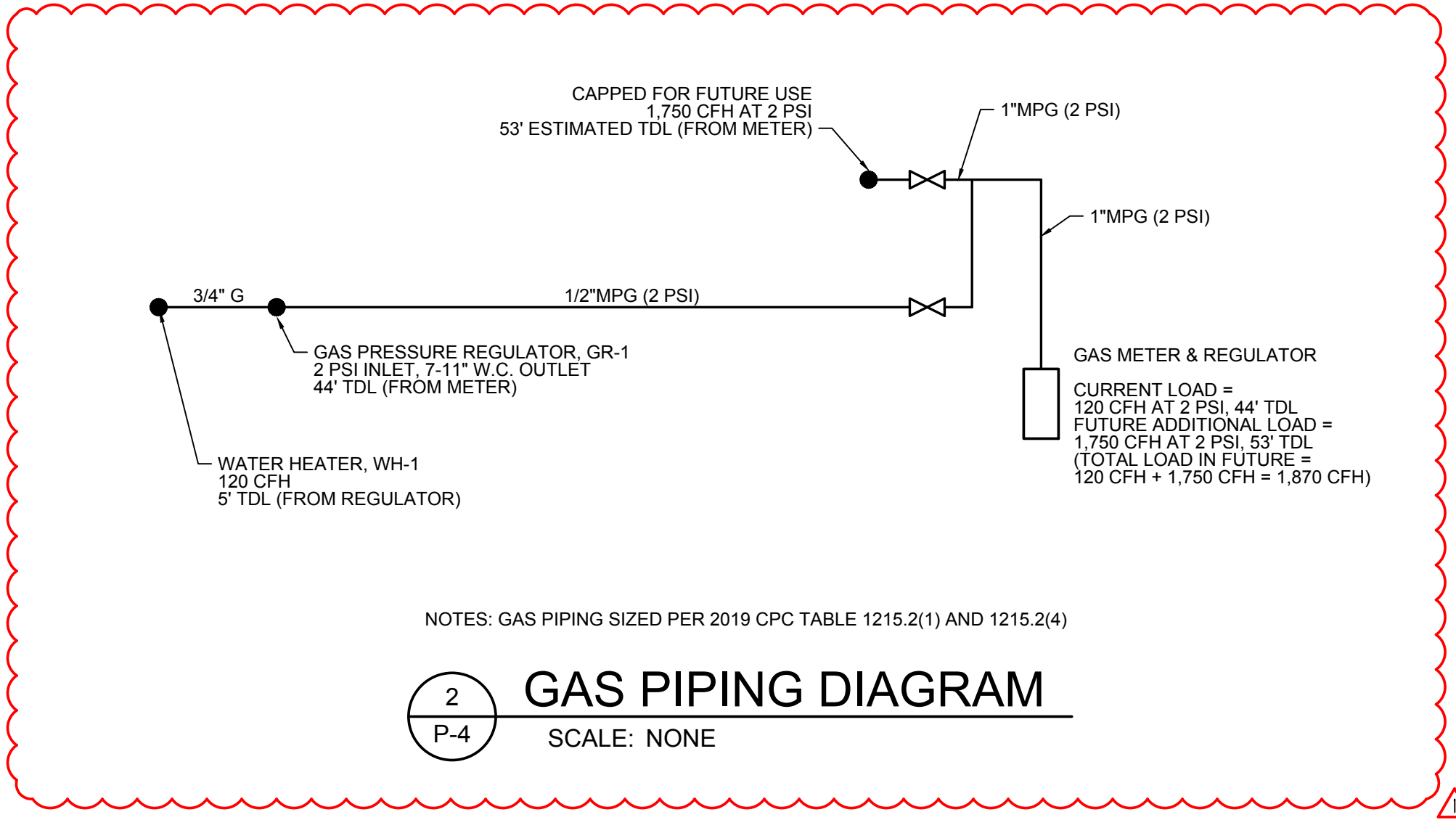
STEEL PIPE FOR GAS THREADED OR WELDED JOINTS, SIZES DEVELOPED FROM TABLE 313.3 & TABLE 313.6 OF THE 2019 CPC.
 ALL PIPE SHALL BE SUPPORTED WITHIN 18" OF A JOINT.
SEISMIC BRACING IS REQUIRED FOR ALL PIPE EXCEPT:
 1. ANY PIPE SUSPENDED 12" OR LESS IN LENGTH FROM TOP OF PIPE TO BOTTOM OF SUPPORT STRUCTURE ("L" THIS DETAIL)
 2. PIPE ≤ 2" DIAMETER VENT, GAS, OR EMPTY SCH 40 STEEL PIPE
 3. PIPE ≤ 1-1/2" DIAMETER FULL SCH 40 STEEL PIPE
 4. PIPE ≤ 3" DIAMETER VENT, GAS, OR EMPTY SCH 40 COPPER PIPE
 5. PIPE ≤ 2" DIAMETER FULL COPPER PIPE
 6. ANY PIPE WITH AN OPERATING WEIGHT ≤ 5 LBS/FT. PIPES WITH HAZARDOUS CONTENTS (MEDICAL GASES, FUEL OIL, NATURAL GAS, ETC) SHALL BE BRACED REGARDLESS OF WEIGHT.
 7. PIPE ≤ 1" SERVING MEDICAL GAS, FUEL OIL, NATURAL GAS OR ANY OTHER HAZARDOUS MATERIAL (MEDICAL VACUUM & COMPRESSED AIR ARE NON-HAZARDOUS)
 8. ANY OTHER PIPE ≤ 1"

SCH 40 PVC & ABS PIPE HANGER SCHEDULE
 HORIZONTAL SUPPORT
 SOLVENT CEMENTED JOINTS

PIPE SIZE	HANGER ROD	MAX HORIZONTAL SPAN
1/2" - 1-1/2"	3/8"	4'
2" - 4"	3/8"	4'
6"	1/2"	4'

SCH 40 PVC & ABS PIPE WITH SOLVENT CEMENTED PIPE JOINTS, SIZES DEVELOPED FROM TABLE 313.3 & TABLE 313.6 OF THE 2019 CPC.
 ALL PIPE SHALL BE SUPPORTED WITHIN 18" OF A JOINT.
SEISMIC BRACING IS REQUIRED FOR ALL PIPE EXCEPT:
 1. ANY PIPE SUSPENDED 12" OR LESS IN LENGTH FROM TOP OF PIPE TO BOTTOM OF SUPPORT STRUCTURE ("L" THIS DETAIL)
 2. ANY PIPE WITH AN OPERATING WEIGHT ≤ 5 LBS/FT. PIPES WITH HAZARDOUS CONTENTS (MEDICAL GASES, FUEL OIL, NATURAL GAS, ETC) SHALL BE BRACED REGARDLESS OF WEIGHT.
 3. PIPE ≤ 1" SERVING MEDICAL GAS, FUEL OIL, NATURAL GAS OR ANY OTHER HAZARDOUS MATERIAL (MEDICAL VACUUM & COMPRESSED AIR ARE NON-HAZARDOUS)
 4. ANY OTHER PIPE ≤ 1"

1 PIPE HANGER DETAIL
 SCALE: NONE



NOTES: GAS PIPING SIZED PER 2019 CPC TABLE 1215.2(1) AND 1215.2(4)
2 GAS PIPING DIAGRAM
 SCALE: NONE



CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
 PLUMBING - DETAILS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE AS SHOWN	APPROVED BY:	SHEET NO.
DESIGNED BY	CITY ENGINEER	DATE		P-4
DRAWN BY	STOCKTON, CALIFORNIA			154 OF 162 SHTS
CHECKED BY				WR21017
RECORD DWGS.				PROJECT NO.

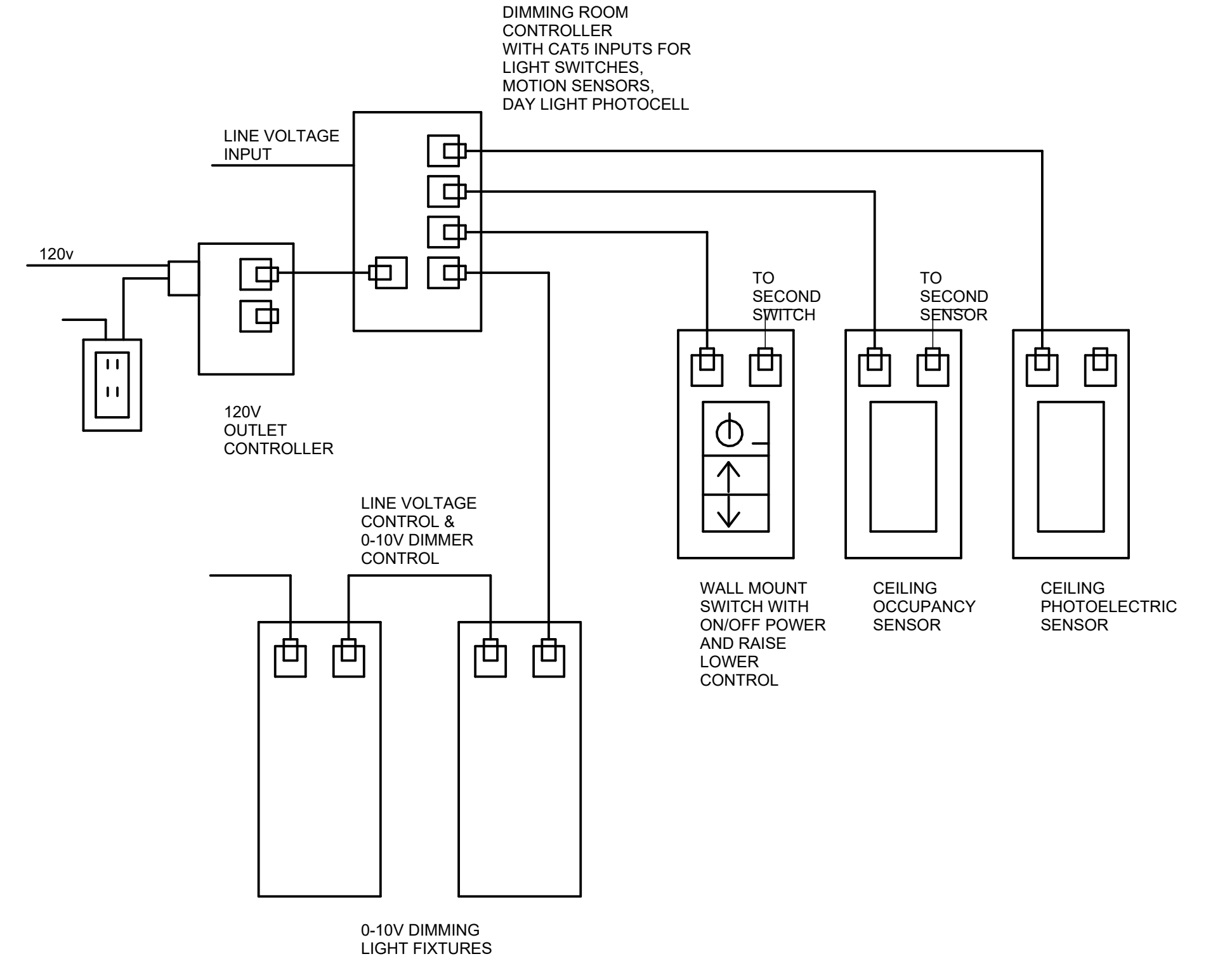
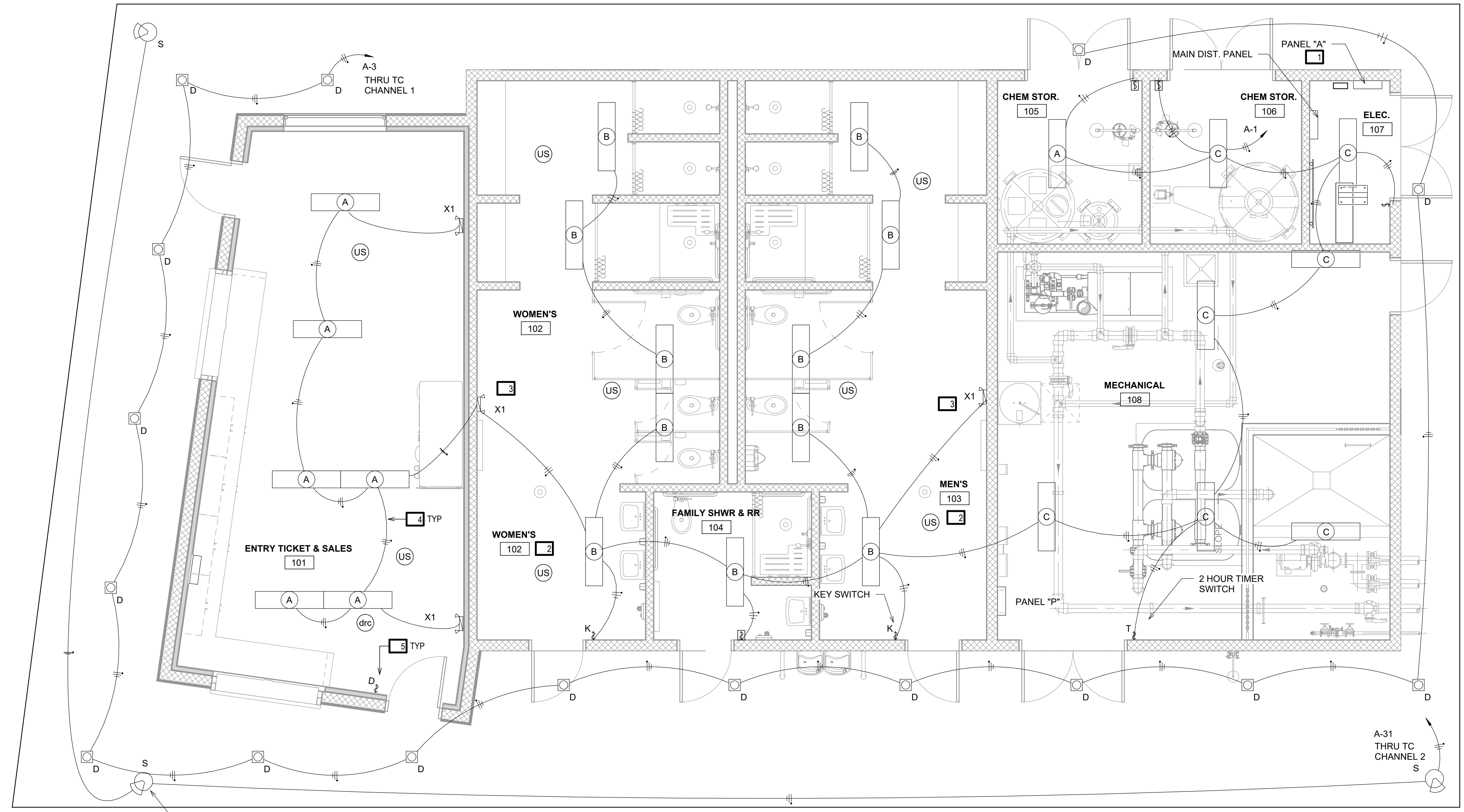
Revision No.	Description	Date	By	Aprvd. By
1	RESPONSE TO PERMIT CYCLE 1 COMMENTS	11/14/2022		



nexus engineering
 Consulting Mechanical Engineers
 1400 Lone Palm Ave, Suite A
 Modesto, CA 95351
 Tel: 209.572.7399 Fax: 209.236.1579
 www.nexusengineering.net
 HVAC, Plumbing/Piping, Fire Sprinklers
 Process/Plant Engineering, Refrigeration

Rev: 11/14/2022 10:53:35 AM - McKinley Pool House\21325 - McKinley Pool House Plumbing.dwg, Plot Date: 11/14/22, Scale: 1/1"=1'-0", g.leusink

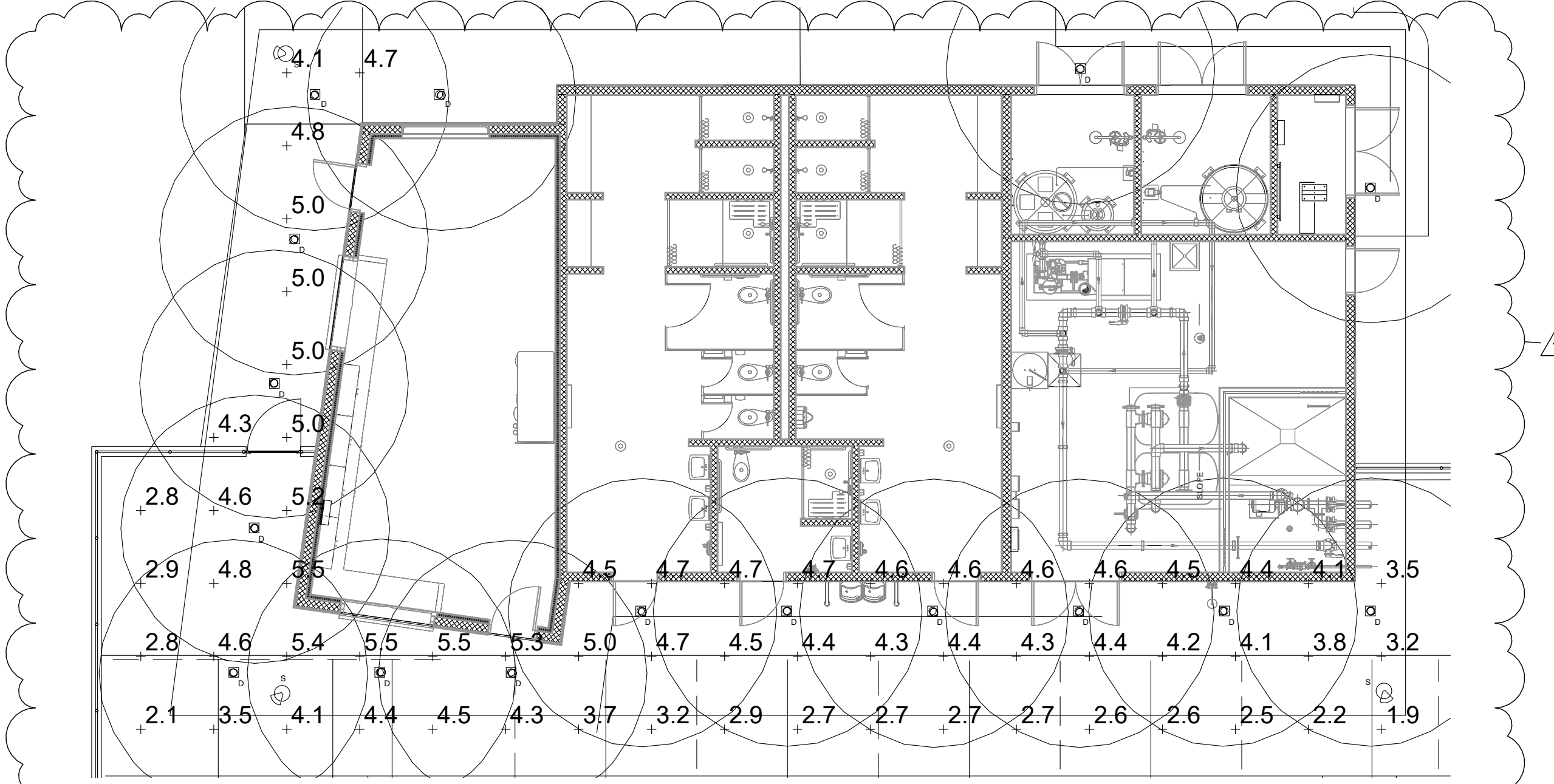
LIGHTING PLAN NOTES	
Note Number	Note
1	PROVIDE DUAL CHANNEL 7 DAY TIME CLOCK AND 350W INVERTER TO CONTROL EXTERIOR LIGHTING
2	ROUTE POWER FOR RESTROOM LIGHTS THROUGH KEY SWITCH AND CEILING MOUNT. LINE VOLTAGE OCCUPANCY SENSORS. PROGRAM OCCUPANCY SENSORS FOR 20 MINUTES. INTERCONNECT ALL SENSORS IN THE ROOM SO THAT IF ANY DETECTS MOTION, ALL THE LIGHTS STAY ON UNTIL VACANT.
3	EXTEND UNSWITCHED LIGHTING CIRCUIT POWER TO THE EMERGENCY LIGHTING FIXTURES.
4	LIGHTING CIRCUIT TO CONTAIN SWITCHED POWER, UNSWITCHED POWER, NEUTRAL, GROUND AND VIOLET & GREY 0-10V CONTROL CABLE.
5	INTERCONNECT LOW VOLTAGE LIGHTING CONTROL DEVICES PER LIGHTING CONTROL SCHEMATIC



2 LIGHTING CONTROLS DETAIL
SCALE: NTS

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

FIXTURE SCHEDULE					
Type Mark	Lamp	Description	Manufacturer	Model	Apparent Load
A	LED	4' LED 4000 LUMEN LED WRAP SURFACE MOUNT FIXTURE, 0-10 V DIMMING DRIVER, UNIVERSAL VOLTAGE	LITHONIA	STL4 40L EZ1 LP840	35 VA
B	LED	4' RECESSED FLANGE MOUNTED VANDAL RESITANT LED TROFFER WITH .125" POLYCARBONATE LENS, 16GA PAINTED BODY	KENNALL	RMCA 4 FL 1 25L40K DV 2 1 EL	35 VA
C	LED	4' LED ENCLOSED & GASKETED LED WRAP, CHAIN SUSPENDED 2' BELOW ROOF STRUCTURE	LITHONIA	VAP 39 SYM WHITE	35 VA
D	LED	6" LENSED LED DOWNLIGHT, POLYCARBONATE LENS	JUNO	JSF 7IN	13 VA
S	LED	LED SPOT LIGHT ON TRUNNION MOUNT AIMED AT POOL AND FENCE	LITHONIA	OFL2 LED P3 50K MVOLT IS DDBXD	40 VA
X1	LED	WALL MOUNT EMERGENCY EGRESS LIGHT FIXTURES WITH INTEGRAL BATTERY BACKUP FOR 90 MINUTE	LITHONIA	ELM	1 VA



3 EGRESS STUDY
SCALE: 1/8" = 1'-0"



LDA DESIGNERS & ARCHITECTS
CALA

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com

NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

LIGHTING PLAN

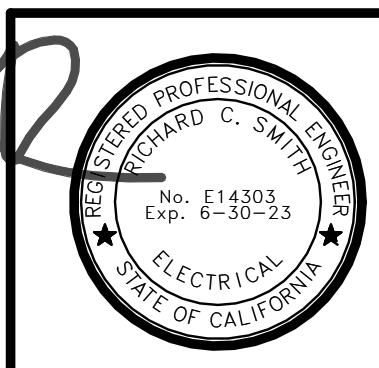
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY
RECORD DWGS.

APPROVED BY: DATE
CITY ENGINEER
STOCKTON, CALIFORNIA

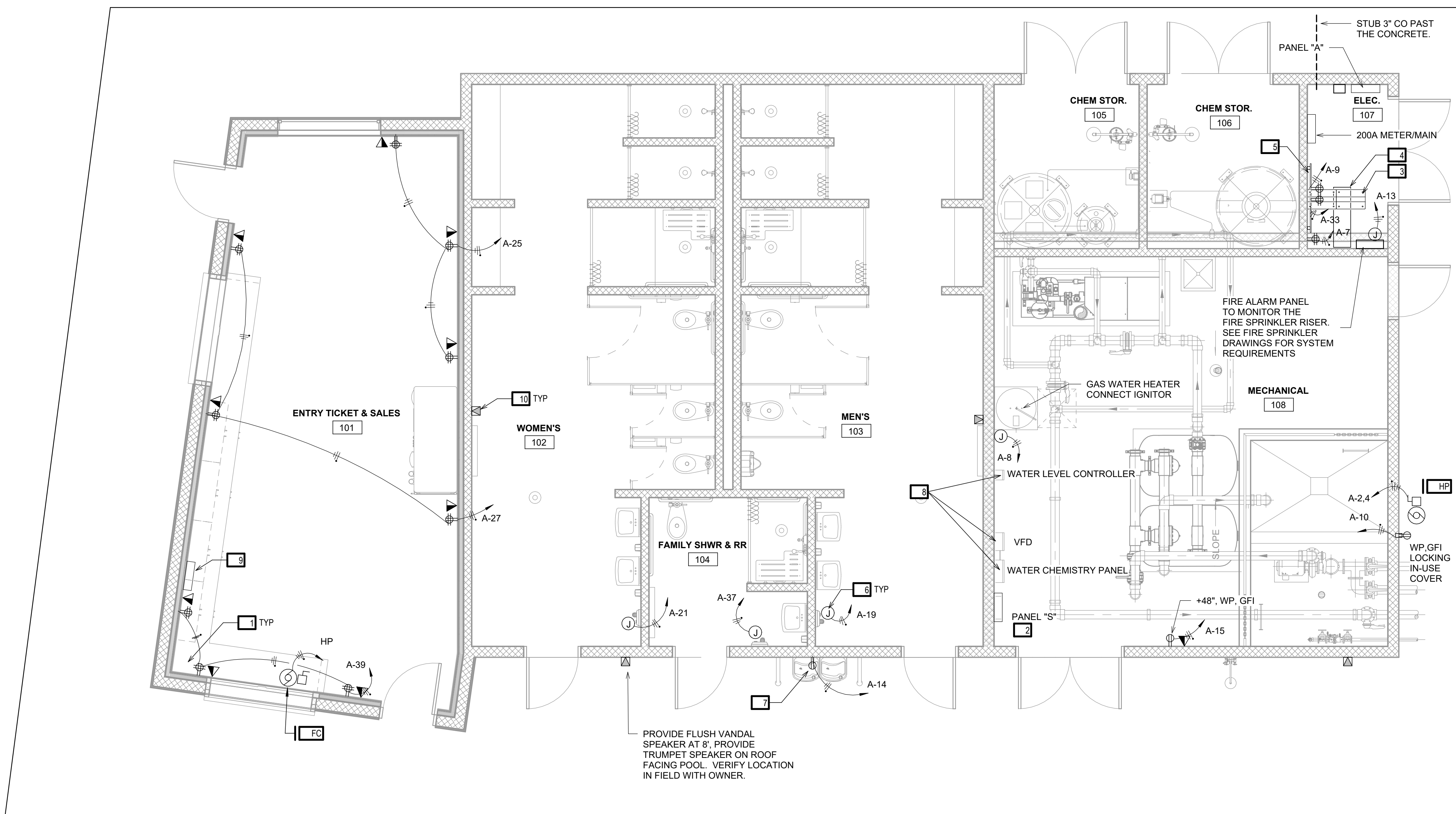
SHEET NO. E2
156 OF 162 SHEETS
WR21017
PROJECT NO.

HCS Engineering
No. E14301
Exp. 6-30-23
ELECTRICAL
STATE OF CALIFORNIA



Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK #1	10.10.22	RCS	RCS

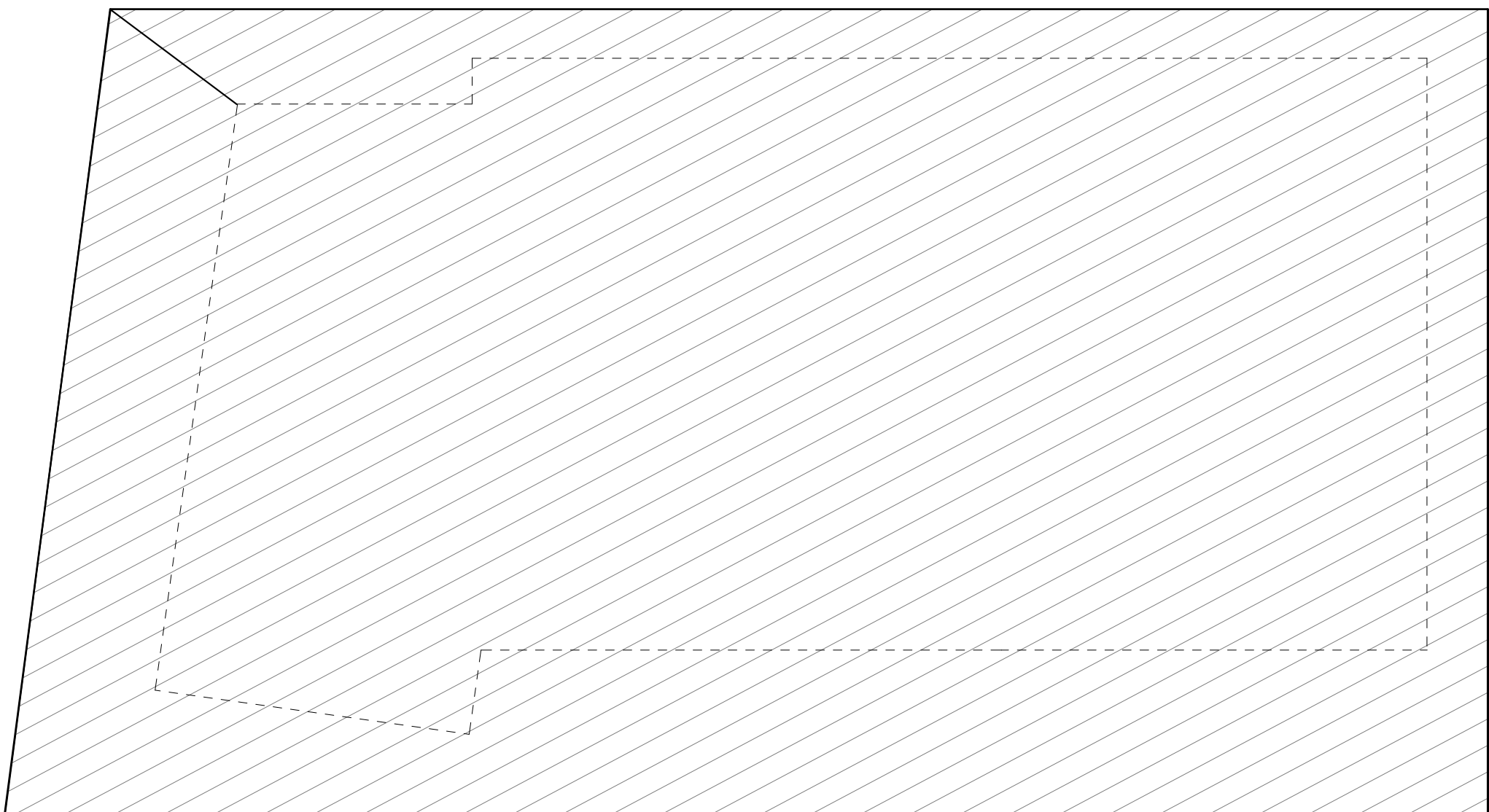
11/17/2022 10:25:02 AM



ELECTRICAL PLAN NOTES	
Note Number	Note
1	PREWIRE ALL DATA JACKS WITH 2 CAT 6 CABLES (BLUE + YELLOW) TO IDF.
2	PROVIDE 200A PANEL DEDICATED TO POOL EQUIPMENT. SEE THE POOL EQUIPMENT DRAWINGS FOR THE PANEL REQUIREMENTS.
3	PROVIDE (2) FLOOR MOUNTED 2 POST RACKS. MOUNT TO FLOOR, GROUND TO MDP GROUND WITH #8 BC.
4	PROVIDE LADDER RACK OVERHEAD FROM WALL.
5	PROVIDE FLOOR TO CEILING 3/4" FIRE TREATED PLYWOOD FROM MDP PANEL TO WALL BEHIND FIRE SPRINKLER PANEL.
6	PROVIDE DEDICATED 120V CIRCUIT FOR FUTURE HAND DRYER. MOUNT WITH FLUSH COVER AT +40" TO TOP.
7	PROVIDE WP, GFI OUTLET FOR DRINKING FOUNTAIN. COORDINATE WITH PLUMBING CONTRACTOR TO CONCEAL OUTLET AS MUCH AS POSSIBLE.
8	SEE POOL EQUIPMENT DRAWINGS FOR POOL SYSTEM ELECTRICAL CONNECTIONS.
9	PROVIDE INWALL AMPLIFIER WITH MICROPHONE AND AUDIO INPUT SOURCE JACKS. CONNECT TO SPEAKERS SHOWN WITH #12 SPEAKER WIRE IN 1/2". TIE INTO ADJACENT OUTLET CIRCUIT.
10	PROVIDE FLUSH VANDAL RESISTANT ALTAZ SPEAKERS AT +7". TIE INTO AMP IN OFFICE.

HVAC EQUIPMENT SCHEDULE						
Mark	Electrical Data	AMP	DISCONNECT	FUSE	Circuit Number	BRANCH CIRCUIT
FC	240 V/2-208 VA	1	MANUAL MOTOR DISC	-	A-2.4	1/2"C-2#12+1#12 GND TO HP
HP	240 V/2-2995 VA	14.4	30/2	30	A-2.4	3/4"C-2#10+1#10 GND

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



2 ROOF ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



LDA DESIGNERS & ARCHITECTS
CALA
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

ELECTRICAL PLAN

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK #1	10.10.22	RCS	RCS

SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO. E3
DESIGNED BY		157 OF 162 SHTS
DRAWN BY		
CHECKED BY	CITY ENGINEER	WR21017
RECORD DWGS.	STOCKTON, CALIFORNIA	PROJECT NO.

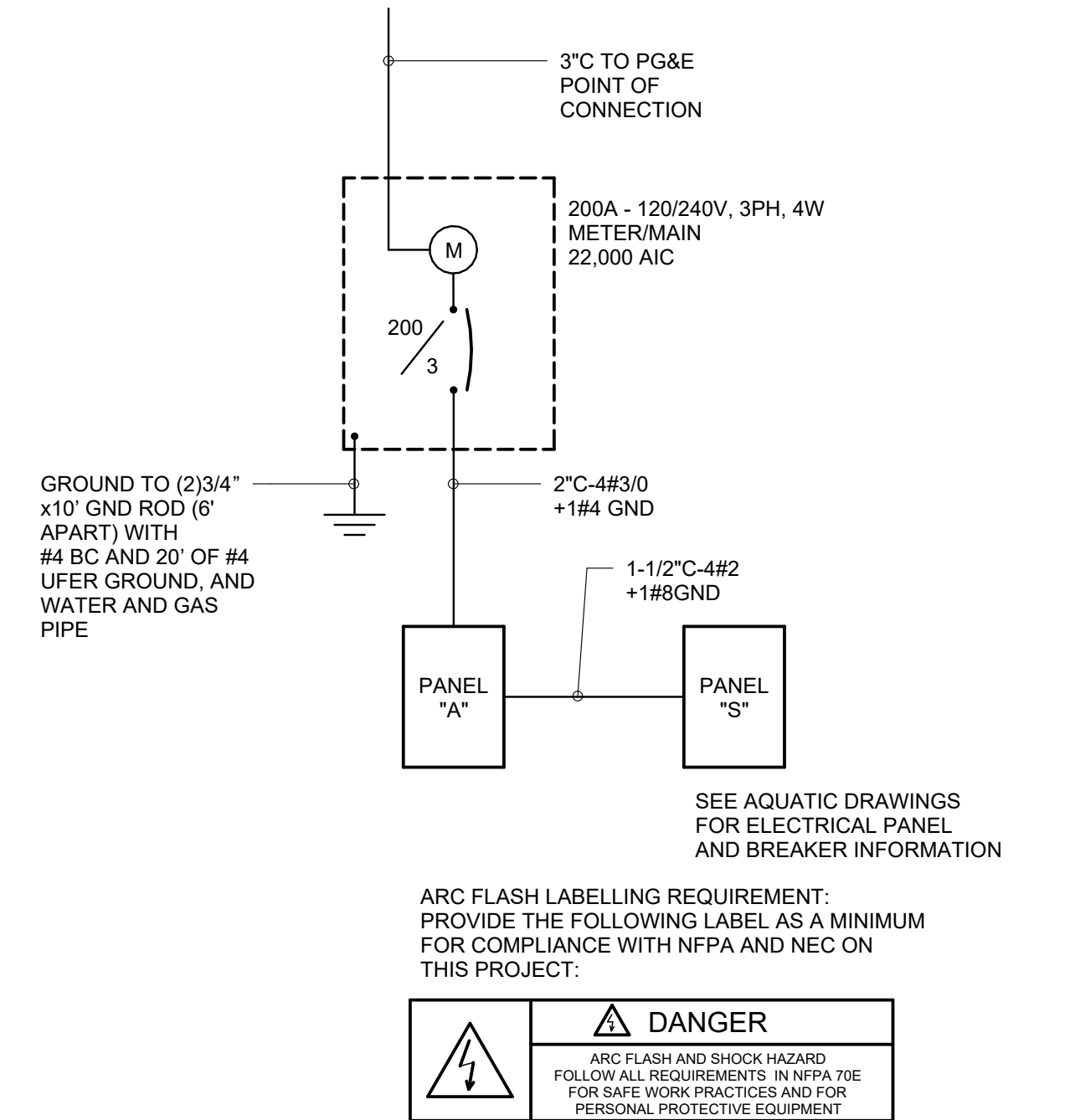
HCS Engineering INC.
4512 Feather River Dr #F, Stockton, CA 95219
209-478-8270 | www.hcs-eng.com



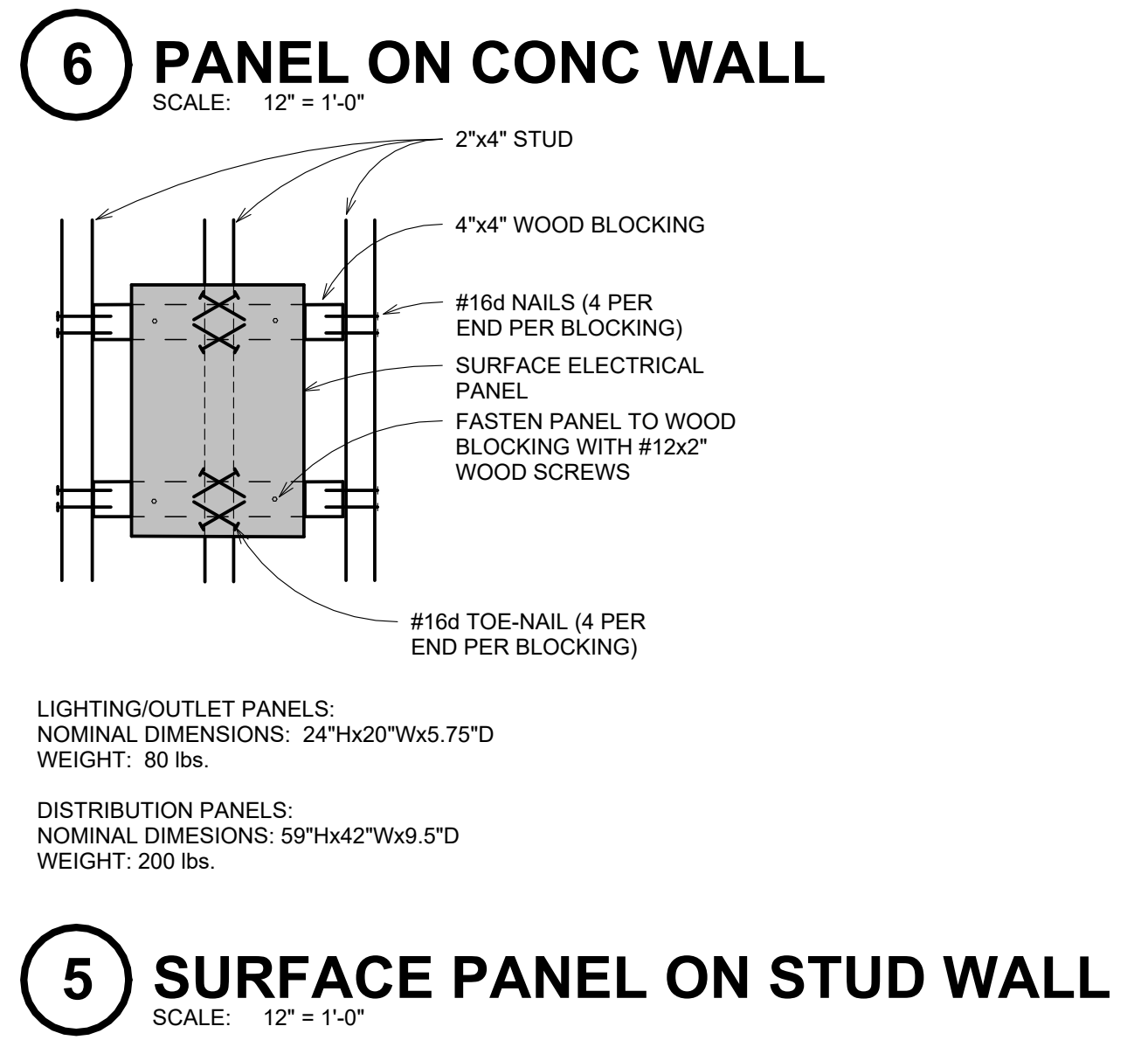
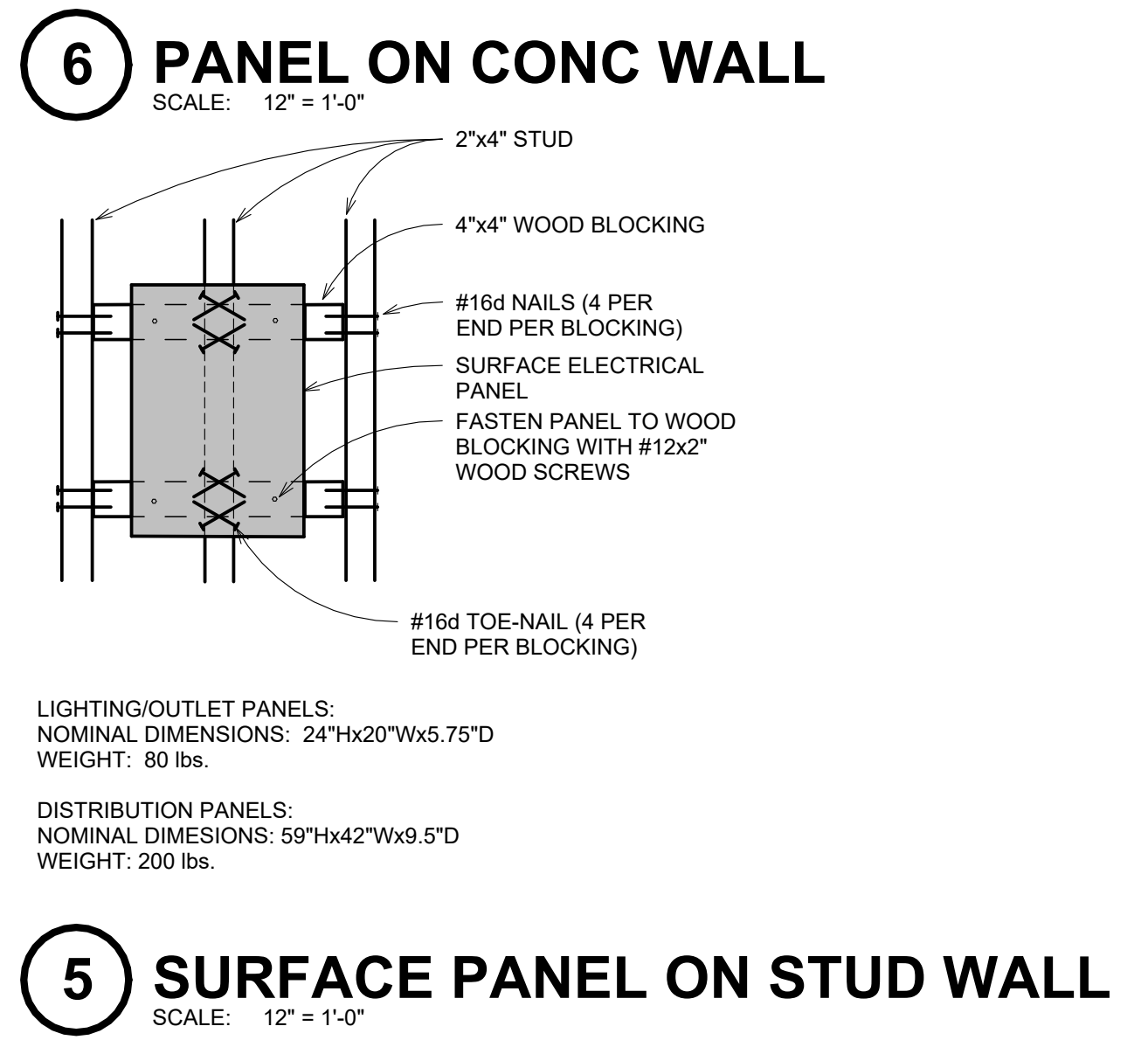
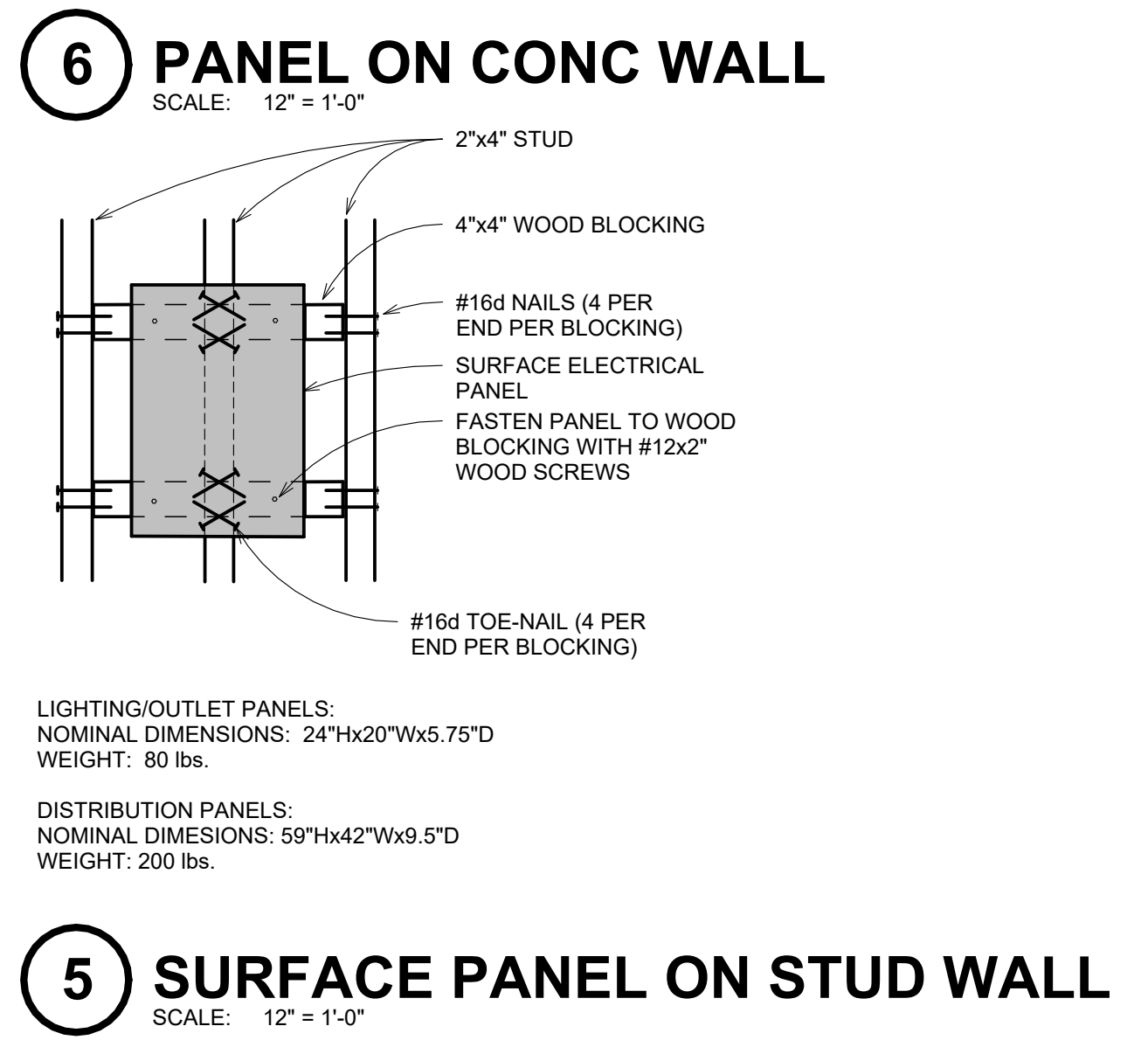
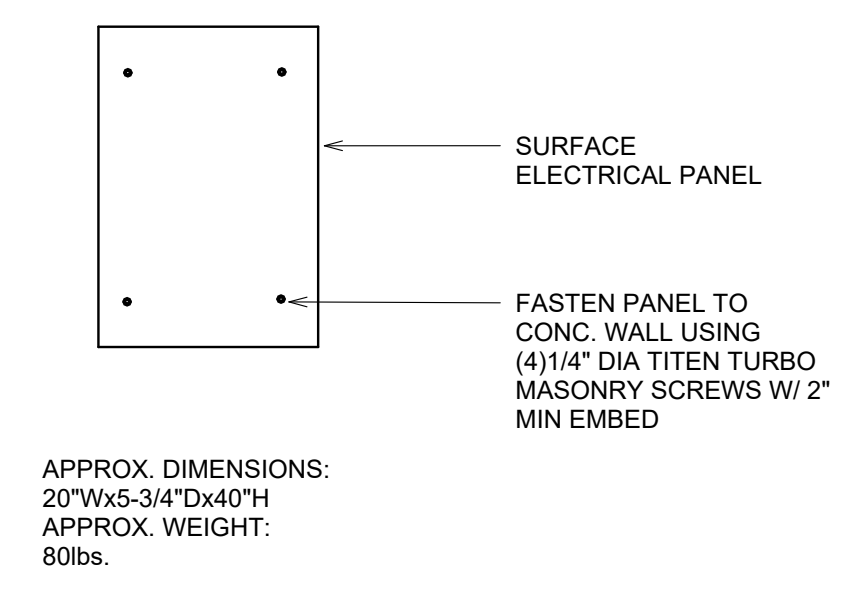
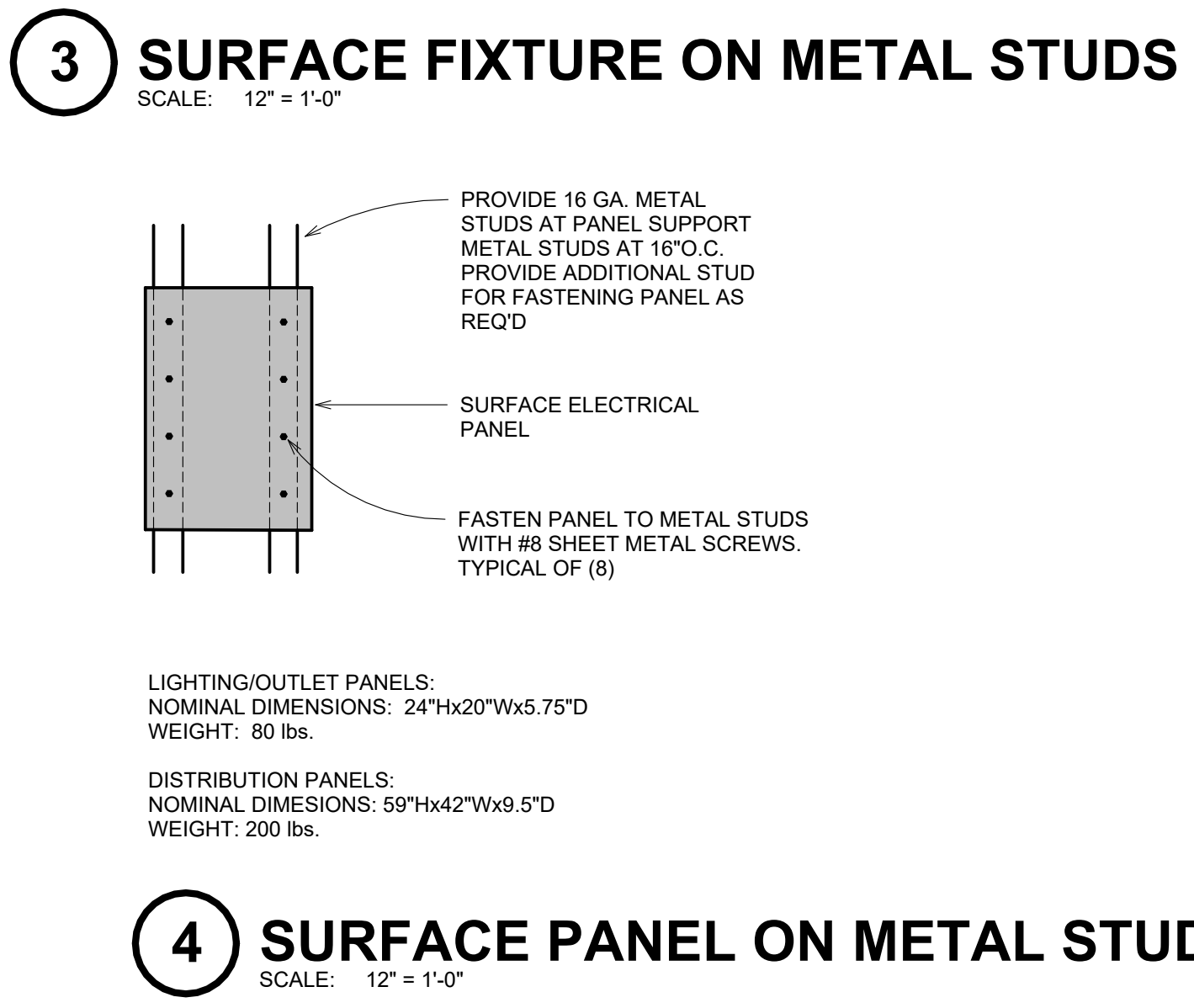
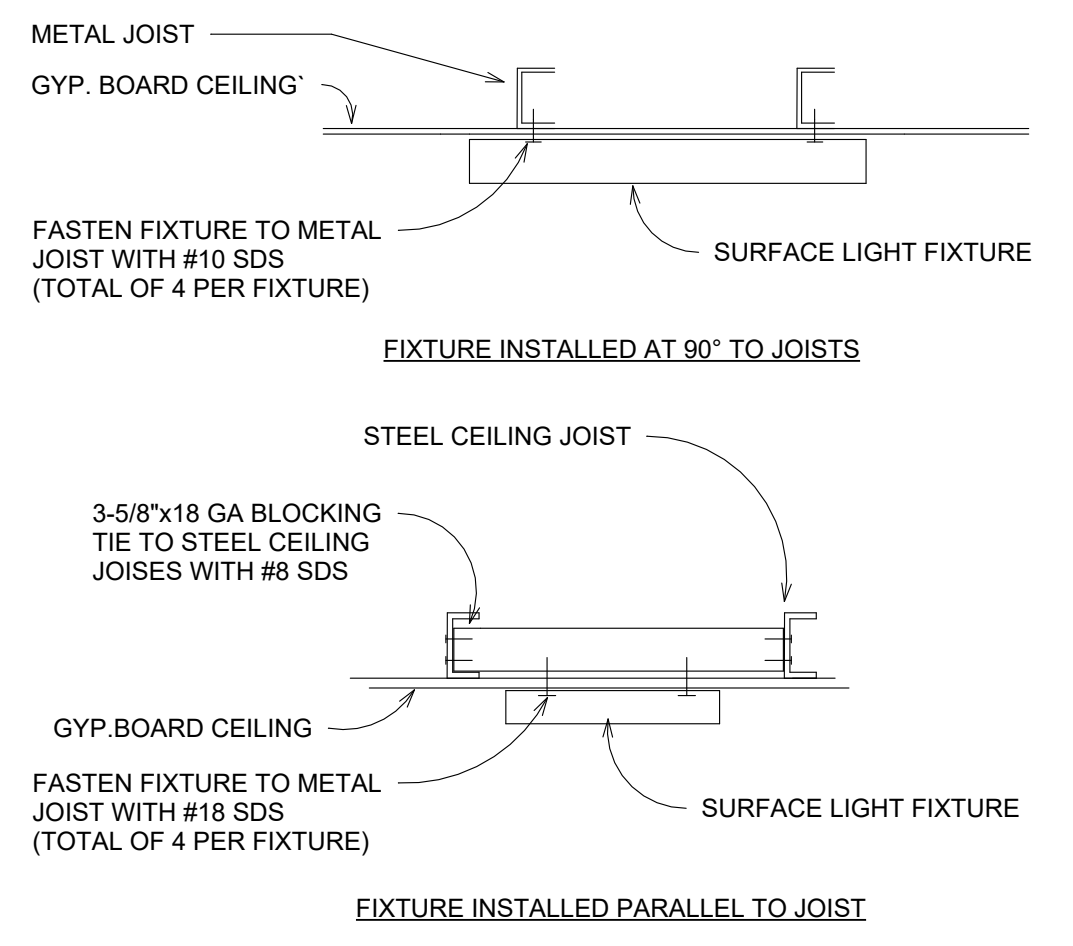
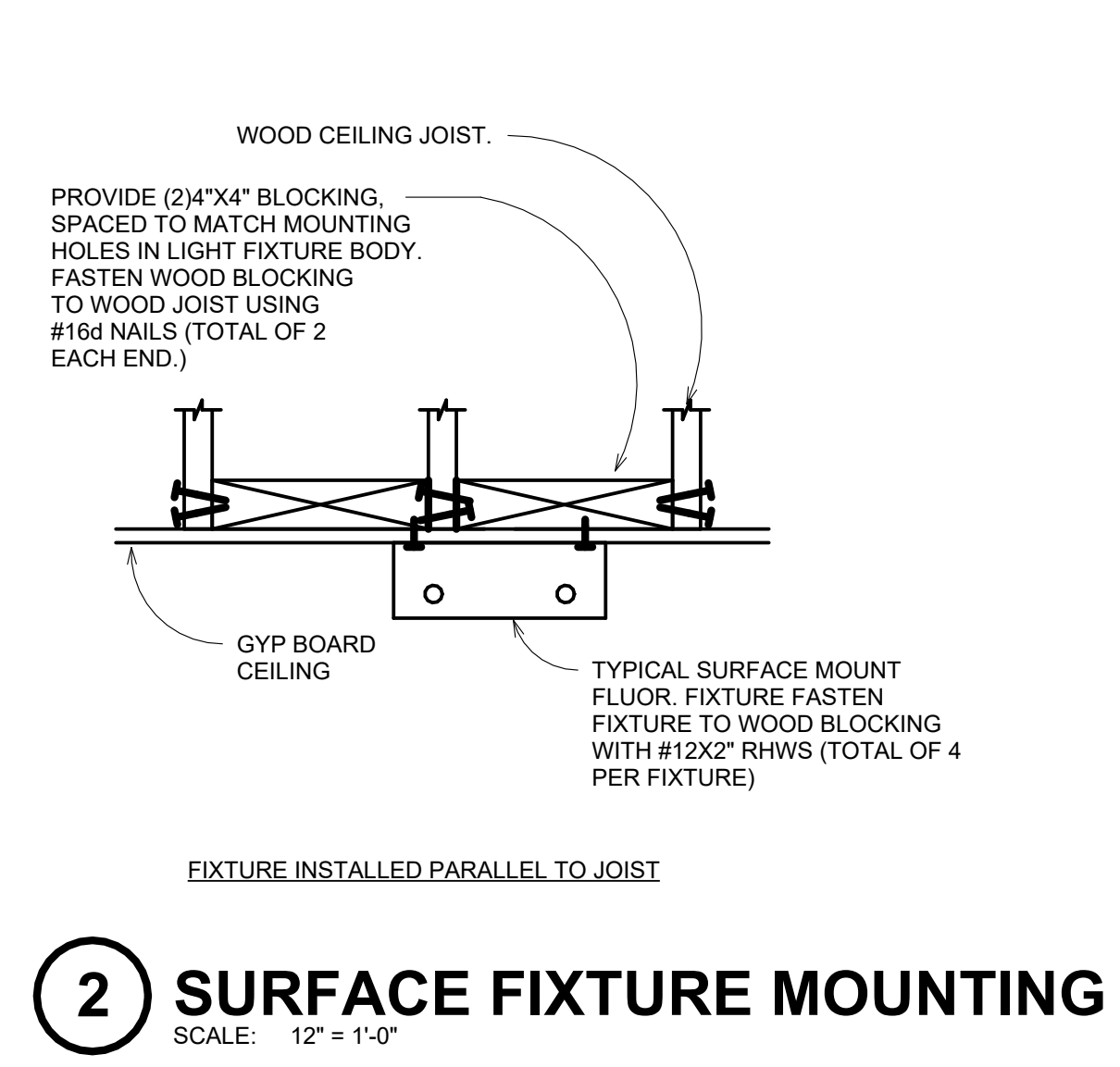
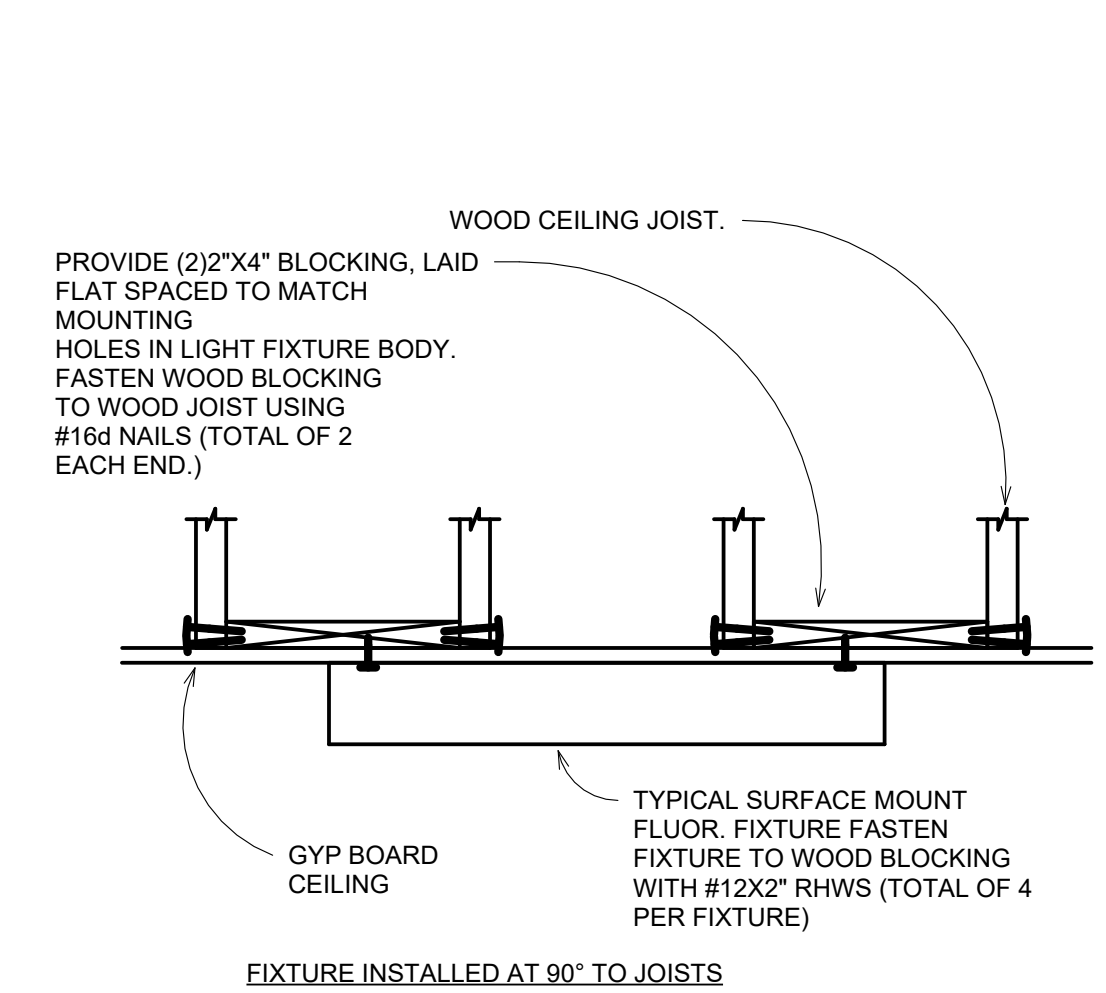
11/17/2022 10:52:02 AM s:\mckinley\mckinley\p01\sheet1.dwg

PANEL A											
Location: ELEC. 107				Volts: 240v delta				A.I.C. Rating: 22000			
Supply From:				Phases: 3				Mains Type: MCB			
Mounting: Surface				Wires: 4				Mains Rating: 200 A			
Enclosure: Type 1								MCB Rating: 200 A			
Notes:											
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
A-1	LIGHTING	20 A	1	877 VA	1602 VA		2	30 A	HP-1	A-2	
A-3	CANOPY LIGHTING	20 A	1		208 VA	1602 VA				A-4	
A-5										A-6	
A-7	Receptacle	20 A	1	360 VA	50 VA		1	20 A	IGNITOR	A-8	
A-9	Receptacle	20 A	1		360 VA	180 VA		1	20 A	Receptacle	
A-11										A-10	
A-13	FIRE SPRINKLER PANEL	20 A	1	500 VA	600 VA		1	20 A	DRINKING FOUNTAIN	A-14	
A-15	Receptacle	20 A	1		180 VA	0 VA	2	20 A	Spare CB FOR PATHWAY LIGHTING	A-16	
A-17										A-18	
A-19	HAND DRYER	20 A	1	1200 VA	0 VA		1	20 A	Spare	A-20	
A-21	HAND DRYER	20 A	1		1200 VA	0 VA	1	20 A	Spare	A-22	
A-23										A-24	
A-25	Receptacle	20 A	1	1080 VA	0 VA		1	20 A	Spare	A-26	
A-27	Receptacle	20 A	1		1080 VA	0 VA	1	20 A	Spare	A-28	
A-29										A-30	
A-31	SECURITY LIGHTS	20 A	1	120 VA	0 VA		3	30 A	TVSS	A-32	
A-33	Receptacle	20 A	1		360 VA	0 VA				A-34	
A-35										A-36	
A-37	HAND DRYER	20 A	1	1200 VA	10464 VA		3	100 A	PANEL S	A-38	
A-39	Receptacle	20 A	1		1080 VA	9624 VA				A-40	
A-41										A-42	
Total Load:				18046 VA	15863 VA	5544 VA					
Total Amps:				150 A	132 A	46 A					

Legend:
LABEL "C" AS STINGER LEG. PROVIDE INTEGRAL TVSS MODULE

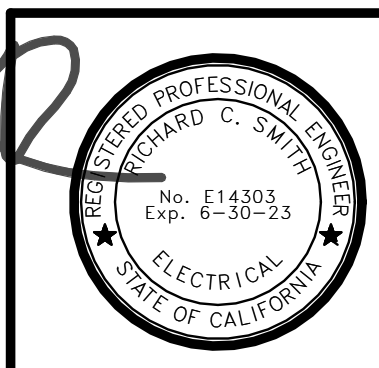


1 ONE LINE DIAGRAM
SCALE: NTS



LDA DESIGNERS & ARCHITECTS	CALA	12150 Tributary Point Drive, Suite 140 Gold River, CA 95670 T 916.985.4366 www.callanderassociates.com	NOVEMBER 14, 2022	CALA PROJECT NO. 21013
		MCKINLEY PARK RENOVATIONS PROJECT		
ELECTRICAL DETAILS				
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA				
SCALE AS SHOWN	APPROVED BY:	DATE	SHEET NO. E4	
DESIGNED BY			158 OF 162 SHEETS	
DRAWN BY				
CHECKED BY				
RECORD DWGS.				
			CITY ENGINEER	WR21017
			STOCKTON, CALIFORNIA	PROJECT NO.

HCS Engineering INC.
4512 Feather River Dr #F, Stockton, CA 95219
209-478-8270 | www.hcs-eng.com



Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK #1	10.10.22	RCS	RCS

K:\2022\10-20-2022\021-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 3 of 5)
 Project Address: Date Prepared: 4/25/2022

G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING
 This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(b). Any load types that are not included in the service do not need to be shown.

01	02	03	04	05	
Load Type per Table 130.5-B ¹	Minimum Required Separation of Load per Table 130.5-B	Compliance Method ²	Location of Requirements in Construction Documents	Field Inspector	
				Pass	Fail

MDP

Lighting including exit, egress and exterior HVAC systems and components	All lighting in aggregate All HVAC in aggregate	Method 3			

Plug Loads and appliances less than 25kVA
 All plug loads in aggregate Groups of plug loads exceeding 25 kVA connected load in an area less than 5000 sf
 Method 3

* NOTES: If "Other" is selected under Compliance Method above, please indicate how compliance has been achieved in the space provided below.
 Lighting Load EXEMPT: <50kVA
 HVAC Load EXEMPT: <50kVA
 Plug Loads 12.5kVA EXEMPT: <50kVA

FOOTNOTES: For each separate load type, up to 10% of the connected load may be of any type.
¹ Method 1: Switchboards/motor control centers/joinerboard loads disaggregated for each load type.
² Method 2: Switchboards/motor control centers/joinerboard supply other distribution equipment with loads disaggregated for each load type.
³ Method 3: Branch circuits serve load types individually and provisions for adding future branch circuit monitoring.
⁴ Method 4: Complete metering system measures and reports loads by type.
 See Chapter 8 of the Nonresidential Compliance Manual for more detail on Compliance Methods.

H. VOLTAGE DROP
 This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c). For alterations, only the altered circuits must demonstrate compliance per §131.0(b)(2)(ii).

01	02	03	04	05	
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations ¹	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
				Pass	Fail

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LT-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LT-E
 Project Name: MCKINLEY POOL Report Page: (Page 1 of 7)
 Project Address: Date Prepared: 4/25/2022

This document is used to demonstrate compliance with requirements in §110.0, §110.12(c), §130.0, §130.1, §140.6, and §141.0(b)(2) for indoor lighting scopes using the prescriptive path.

Project Name: MCKINLEY POOL Report Page: (Page 1 of 7)
 Project Address: Date Prepared: 4/25/2022

A. GENERAL INFORMATION

01	02	03	04	05
Project Location (city)	STOCKTON	Total Conditioned Floor Area (ft ²)	2,127	
02 Climate Zone	12	05 Total Unconditioned Floor Area (ft ²)	0	
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1	
<input type="checkbox"/> Retail <input type="checkbox"/> Support Areas <input type="checkbox"/> Warehouse <input type="checkbox"/> See Table I				

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 or §141.0(b)(2) for alterations.

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	2127	Area Category Method	0
<input type="checkbox"/> New Lighting System - Parking Garage				
Total Area of Work (ft²)		2127		0

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(d)(1)	Allowed Lighting Power per §140.6(d) (Watts)				Total Allowed (Watts)	Adjusted Lighting Power per §140.6(a) (Watts)			Compliance Results		
	01	02	03	04		05	06	07		08	
	Complete Building §140.6(c)(1)	Area Category §140.6(c)(2)	Area Category Additional §140.6(c)(2)(i)	Tailored §140.6(c)(2)(ii)	=	Total Designed (Watts) §140.6(a)(1)	Adjustments (Watts) §140.6(a)(2)	Total Adjusted (Watts) *Includes Adjustments	05 must be >= 08 §140.6		
Conditioned	(See Table I)	(See Table J)	(See Table K)	(See Table L)	=	1,374.7	>=	875	0 =	875	COMPLIES
Unconditioned					=		>=				

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LT-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LT-E
 Project Name: MCKINLEY POOL Report Page: (Page 2 of 7)
 Project Address: Date Prepared: 4/25/2022

C. COMPLIANCE RESULTS

Controls Compliance (See Table H for Details)		09
		COMPLIES

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.

F. INDOOR LIGHTING FIXTURE SCHEDULE
 This table includes all permanent designed lighting and all portable lighting in offices.

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)	Design Watts	Field Inspector		
									Pass	Fail	
A	4' LED WRAP 4000L	No	No	35	Mfr. Spec	7	No	245			
B	4' VANDAL RESISTANT WRAP	No	No	35	Mfr. Spec	11	No	385			
C	4' ENCLOSED & GASKETED WRAP	No	No	35	Mfr. Spec	7	No	245			
Total Designed Watts: CONDITIONED SPACES									875		

FOOTNOTES: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)(3) is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
² Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c). 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.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 2 of 5)
 Project Address: Date Prepared: 4/25/2022

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.

F. SERVICE ELECTRICAL METERING
 This section does not apply to this project.

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.

F. SERVICE ELECTRICAL METERING
 This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 5 of 5)
 Project Address: Date Prepared: 4/25/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: RICHARD SMITH
 Company: HCS Engineering, Inc.
 Address: 4512 FEATHER RIVER DR STE F STOCKTON CA 95219
 Phone: 209-478-8270
 Signature Date: [Signature]
 EEA/HERS Certification Identification (if applicable): E14303

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 1 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. 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.
 4. 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.
 5. 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: Richard Smith, PE E14303
 Company: HCS Engineering, Inc.
 Address: 4512 Feather River Dr #F Stockton CA 95219
 Phone: 209-478-8270
 Signature Date: 2022-04-25
 License: Electrical Engineering

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: RICHARD SMITH
 Company: HCS Engineering, Inc.
 Address: 4512 FEATHER RIVER DR STE F STOCKTON CA 95219
 Phone: 209-478-8270
 Signature Date: [Signature]
 EEA/HERS Certification Identification (if applicable): E14303

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 1 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. 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.
 4. 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.
 5. 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: Richard Smith, PE E14303
 Company: HCS Engineering, Inc.
 Address: 4512 Feather River Dr #F Stockton CA 95219
 Phone: 209-478-8270
 Signature Date: 2022-04-25
 License: Electrical Engineering

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 1 of 5)
 Project Address: Date Prepared: 4/25/2022

This document is used to demonstrate compliance with mandatory requirements in §130.0, for electrical systems in newly constructed nonresidential, high-rise residential and hotel/motel occupancies. Additions and alterations to electrical service systems in these occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b)(2) for alterations.

A. GENERAL INFORMATION

01	02	03	04	05
Project Location (city)	STOCKTON	Scope of Work ¹	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a) ²
02 Occupancy Types Within Project:		New electrical service equipment and meter	144	<input checked="" type="checkbox"/>
<input type="checkbox"/> Retail <input type="checkbox"/> Support Areas <input type="checkbox"/> Warehouse <input type="checkbox"/> See Table I				

B. PROJECT SCOPE
 This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05
Electrical Service Designation/Description	Scope of Work ¹	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a) ²	System subject to CA Elec Code Article 517 Exception to §130.5(a)(d) (h)
MDP	New electrical service equipment and meter	144	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standard based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2, §130.1, and §130.2 and compliance documents NRCC-MCH, NRCC-LTI and NRCC-LTS will indicate when demand response controls are required.

FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop §130.5(c), no other requirements from §130.5 are required.
² Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

C. COMPLIANCE RESULTS
 Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D, Exceptional Conditions for guidance or see applicable Table referenced below.

01	02	03	04	05
Service Electrical Metering §130.5(a) (See Table F)	AND	Separation for Monitoring §130.5(b) (See Table G)	AND	Voltage Drop §130.5(c) (See Table H)
Yes	AND	Yes	AND	Yes
				Controlled Receptacles §130.5(d) (See Table I)
				Yes
COMPLIES				

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

A. GENERAL INFORMATION

01	02	03	04	05
Project Location (city)	STOCKTON	Scope of Work ¹	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a) ²
02 Occupancy Types Within Project:		New electrical service equipment and meter	144	<input checked="" type="checkbox"/>
<input type="checkbox"/> Retail <input type="checkbox"/> Support Areas <input type="checkbox"/> Warehouse <input type="checkbox"/> See Table I				

B. PROJECT SCOPE
 This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05
Electrical Service Designation/Description	Scope of Work ¹	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a) ²	System subject to CA Elec Code Article 517 Exception to §130.5(a)(d) (h)
MDP	New electrical service equipment and meter	144	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standard based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2, §130.1, and §130.2 and compliance documents NRCC-MCH, NRCC-LTI and NRCC-LTS will indicate when demand response controls are required.

FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop §130.5(c), no other requirements from §130.5 are required.
² Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

C. COMPLIANCE RESULTS
 Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D, Exceptional Conditions for guidance or see applicable Table referenced below.

01	02	03	04	05
Service Electrical Metering §130.5(a) (See Table F)	AND	Separation for Monitoring §130.5(b) (See Table G)	AND	Voltage Drop §130.5(c) (See Table H)
Yes	AND	Yes	AND	Yes
				Controlled Receptacles §130.5(d) (See Table I)
				Yes
COMPLIES				

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 4 of 5)
 Project Address: Date Prepared: 4/25/2022

H. VOLTAGE DROP

01	02	03	04	05
MDP	<input checked="" type="checkbox"/> Voltage drop less than 5%	<input type="checkbox"/> Permitted by CA Elec Code (Exception to §130.5(c)) [*]	Contractor Responsible	E3

* NOTES: If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.
¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents (if allowed by the Authority Having Jurisdiction). Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES
 This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(d). Both controlled and uncontrolled receptacles must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.

01	02	03	04	05	06	
Room name or Description	Location/Type of Controlled Receptacles	Shut-Off Controls	Permanent Durable Marking Will be Used	Location of Requirements in Construction Documents	Field Inspector	
					Pass	Fail

* NOTES: If "Other" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below.

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection 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 at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/

Form/Title: _____
 Field Inspector: _____
 Pass: Fail:

NRCC-ELC-01-E - Must be submitted for all buildings.
 There are no Certificates of Acceptance applicable to electrical power distribution requirements.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 4 of 5)
 Project Address: Date Prepared: 4/25/2022

H. VOLTAGE DROP

01	02	03	04	05
MDP	<input checked="" type="checkbox"/> Voltage drop less than 5%	<input type="checkbox"/> Permitted by CA Elec Code (Exception to §130.5(c)) [*]	Contractor Responsible	E3

* NOTES: If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.
¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents (if allowed by the Authority Having Jurisdiction). Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES
 This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(d). Both controlled and uncontrolled receptacles must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.

01	02	03	04	05	06	
Room name or Description	Location/Type of Controlled Receptacles	Shut-Off Controls	Permanent Durable Marking Will be Used	Location of Requirements in Construction Documents	Field Inspector	
					Pass	Fail

* NOTES: If "Other" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below.

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection 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 at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/

Form/Title: _____
 Field Inspector: _____
 Pass: Fail:

NRCC-ELC-01-E - Must be submitted for all buildings.
 There are no Certificates of Acceptance applicable to electrical power distribution requirements.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 4 of 5)
 Project Address: Date Prepared: 4/25/2022

H. VOLTAGE DROP

01	02	03	04	05
MDP	<input checked="" type="checkbox"/> Voltage drop less than 5%	<input type="checkbox"/> Permitted by CA Elec Code (Exception to §130.5(c)) [*]	Contractor Responsible	E3

* NOTES: If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.
¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents (if allowed by the Authority Having Jurisdiction). Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES
 This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(d). Both controlled and uncontrolled receptacles must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.

01	02	03	04	05	06	
Room name or Description	Location/Type of Controlled Receptacles	Shut-Off Controls	Permanent Durable Marking Will be Used	Location of Requirements in Construction Documents	Field Inspector	
					Pass	Fail

* NOTES: If "Other" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below.

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection 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 at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/

Form/Title: _____
 Field Inspector: _____
 Pass: Fail:

NRCC-ELC-01-E - Must be submitted for all buildings.
 There are no Certificates of Acceptance applicable to electrical power distribution requirements.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-ELC-E
 Project Name: MCKINLEY POOL Report Page: (Page 4 of 5)
 Project Address: Date Prepared: 4/25/2022

H. VOLTAGE DROP

01	02	03	04	05
MDP	<input checked="" type="checkbox"/> Voltage drop less than 5%	<input type="checkbox"/> Permitted by CA Elec Code (Exception to §130.5(c)) [*]	Contractor Responsible	E3

STATE OF CALIFORNIA
INDOOR LIGHTING
NRC-170-E CALIFORNIA ENERGY COMMISSION
NRC-170-E

CERTIFICATE OF COMPLIANCE
Project Name: MCKINLEY POOL Report Page: (Page 5 of 7)
Project Address: [Redacted] Date Prepared: 4/25/2022

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 ORNAMENTAL/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 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.

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

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
OUTDOOR LIGHTING
NRC-170-E CALIFORNIA ENERGY COMMISSION
NRC-170-E

CERTIFICATE OF COMPLIANCE
Project Name: MCKINLEY POOL Report Page: (Page 1 of 7)
Project Address: [Redacted] Date Prepared: 4/25/2022

A. GENERAL INFORMATION

01 Project Location (city)	STOCKTON	04 Total Illuminated Hardscape Area (ft ²)	1149
02 Climate Zone	12		
03 Outdoor Lighting Zone per Title 24 Part 1.1.10.114, or as designated by Authority Having Jurisdiction (AHJ):			
<input type="checkbox"/> L2-0: Very Low - Undeveloped Parkland	<input type="checkbox"/> L2-2: Moderate - Rural Areas	<input type="checkbox"/> L2-4: High - Must be reviewed by CA Energy Commission for Approval	
<input type="checkbox"/> L2-1: Low - Developed Parkland	<input checked="" type="checkbox"/> L2-3: Moderately High - Urban Areas		

B. PROJECT SCOPE
This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.2 or §141.0(b)(1) for alterations.

My Project Consists of:

01	02	03	04	05
<input checked="" type="checkbox"/> New Lighting System	Must Comply with Allowances from §140.2			
<input type="checkbox"/> Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	<input type="radio"/> Yes <input type="radio"/> No		
<input type="checkbox"/> % of Existing Luminaires Being Altered ¹	Sum Total of Luminaires Being Added or Altered		Calculation Method	
<input type="checkbox"/> < 10% <input type="checkbox"/> >= 10% and < 50% <input type="checkbox"/> >= 50%				

Please proceed to Table F, Outdoor Lighting Fixture Schedule to define the project's luminaires.
¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
OUTDOOR LIGHTING
NRC-170-E CALIFORNIA ENERGY COMMISSION
NRC-170-E

CERTIFICATE OF COMPLIANCE
Project Name: MCKINLEY POOL Report Page: (Page 2 of 7)
Project Address: [Redacted] Date Prepared: 4/25/2022

C. COMPLIANCE RESULTS
Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)(2)										Compliance Results		
01	02	03	04	05	06	07	08	09				
General Hardscape Allowance §140.7(d)(1) (See Table J)	Per Application §140.7(d)(2) (See Table J)	Sales Frontage §140.7(d)(2) (See Table K)	Ornamental §140.7(d)(2) (See Table L)	Per Specific Area §140.7(d)(2) (See Table M)	OR Existing Power Allowance §141.0(b)(3) (See Table N)	Total Allowed (Watts)	Total Actual (Watts)	07 must be >= 08				
495.98	---	---	---	---	OR ---	= 495.98	≥ 328	COMPLIES				
Cutoff Compliance (See Table G for Details)										N/A		
Controls Compliance (See Table H for Details)										COMPLIES with Exceptional Conditions		

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.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
INDOOR LIGHTING
NRC-170-E CALIFORNIA ENERGY COMMISSION
NRC-170-E

CERTIFICATE OF COMPLIANCE
Project Name: MCKINLEY POOL Report Page: (Page 4 of 7)
Project Address: [Redacted] Date Prepared: 4/25/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
EX. Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 to §130.1(i)(2)

RESTROOM		RESTROOM		13	
SMALL RESTROOM		< 100 SQ FT		E2	
STORAGE		< 100 SQ FT			
ELECTRICAL ROOM		ELECTRICAL ROOM			

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.

Conditioned 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)	Area Category	PAF
TICKET SALES	Retail Merchandise Sales	1	474	474	No	No
RESTROOM	Restrooms	0.65	846	549.9	No	No
SMALL RESTROOM	Restrooms	0.65	79	51.4	No	No
MECHANICAL ROOM	Electrical Mechanical Telephone Room	0.4	520	208	No	No
STORAGE	Commercial Industrial Storage Area	0.45	164	73.8	No	No
ELECTRICAL ROOM	Electrical Mechanical Telephone Room	0.4	44	17.6	No	No
TOTALS:				2,127	1,374.7	See Tables J, or P for detail

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
INDOOR LIGHTING
NRC-170-E CALIFORNIA ENERGY COMMISSION
NRC-170-E

CERTIFICATE OF COMPLIANCE
Project Name: MCKINLEY POOL Report Page: (Page 7 of 7)
Project Address: [Redacted] Date Prepared: 4/25/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: RICHARD SMITH
Company: HCS Engineering, Inc.
Address: 4512 FEATHER RIVER DR STE F
City/State/Zip: STOCKTON CA 95219
Phone: 209-478-8270
Signature Date: 2022-04-25
Signature: [Signature]

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. 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).
3. 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.
4. 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.
5. 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 department at occupancy.

Responsible Designer Name: Richard Smith, PE E14303
Company: HCS Engineering, Inc.
Address: 4512 Feather River Dr #F
City/State/Zip: Stockton CA 95219
Phone: 209-478-8270
Signature Date: 2022-04-25
Signature: [Signature]

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
INDOOR LIGHTING
NRC-170-E CALIFORNIA ENERGY COMMISSION
NRC-170-E

CERTIFICATE OF COMPLIANCE
Project Name: MCKINLEY POOL Report Page: (Page 3 of 7)
Project Address: [Redacted] Date Prepared: 4/25/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)
This table includes lighting controls for conditioned and unconditioned spaces. When a control having a * is shown, the notes section of this table provides more detail on how compliance is achieved. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls		01		02		03													
Mandatory Demand Response §110.12(c)		Shut-off controls §130.1(c)		Field Inspector		Pass Fail													
Not Required - Building <= 0.5W/SF		Whole Building Other																	
Area Level Controls		04		05		06		07		08		09		10		11		12	
Area Description		Complete Building or Area Category Primary Function Area		Area Controls §130.1(a)		Multi-Level Controls §130.1(b)		Shut-Off Controls §130.1(c)		Primary/Skylight Daylighting §130.1(d)		Secondary Daylighting §140.6(d)		Interlocked Systems §140.6(a)		Field Inspector		Pass Fail	
TICKET SALES		Retail Merchandise Sales		Manual ON/OFF		Dimmer		Occupancy Sensor		N/A		N/A		No		□		□	
RESTROOM		Restrooms		Manual ON/OFF		Exempt*		Occupancy Sensor		N/A		N/A		No		□		□	
SMALL RESTROOM		Restrooms		Manual ON/OFF		Exempt*		Occupancy Sensor		N/A		N/A		No		□		□	
MECHANICAL ROOM		Electrical Mechanical Telephone Room		Manual ON/OFF		Dimmer		Occupancy Sensor		N/A		N/A		No		□		□	
STORAGE		Warehouse		Manual ON/OFF		Exempt*		Occupancy Sensor		N/A		N/A		No		□		□	
ELECTRICAL ROOM		Electrical Mechanical Telephone Room		Manual ON/OFF		Exempt*		Exempt*		N/A		N/A		No		□		□	

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
INDOOR LIGHTING
NRC-170-E CALIFORNIA ENERGY COMMISSION
NRC-170-E

CERTIFICATE OF COMPLIANCE
Project Name: MCKINLEY POOL Report Page: (Page 6 of 7)
Project Address: [Redacted] Date Prepared: 4/25/2022

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection 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 at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRC/

Form/Title		Field Inspector	
		Pass	Fail
NRC-171-01-E - Must be submitted for all buildings		□	□
NRC-171-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.		□	□

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selection 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		Field Inspector	
		Pass	Fail	Pass	Fail
NRC-171-02-A - Must be submitted for occupancy sensors and automatic time switch controls.		□	□	□	□

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2022-04-25 09:39:37



LDA DESIGNERS & ARCHITECTS
CALA

12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.callanderassociates.com

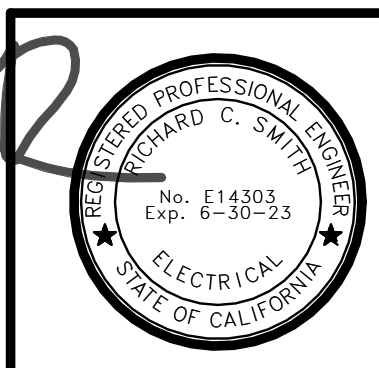
NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT
COMPLIANCE

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

APPROVED BY:	DATE	SHEET NO.
SCALE AS SHOWN		ET24B
DESIGNED BY		160 OF 162 SHTS
DRAWN BY		
CHECKED BY		
RECORD DWGS.		
CITY ENGINEER		WR21017
STOCKTON, CALIFORNIA		PROJECT NO.

HCS Engineering, Inc.
4512 Feather River Dr #F, Stockton, CA 95219
209-478-8270 | www.hcs-eng.com



Revision No.	Description	Date	By	Aprvd. By	SCALE	AS SHOWN	APPROVED BY:	DATE	SHEET NO.
1	PLAN CHECK #1	10.10.22	RCS	RCS	DESIGNED BY				ET24B
					DRAWN BY				160 OF 162 SHTS
					CHECKED BY				
					RECORD DWGS.				
							CITY ENGINEER		WR21017
							STOCKTON, CALIFORNIA		PROJECT NO.

K:\2022\100\2022-03-15-10-AM-MCKINLEY-POOL-RENOVATION-1314

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTD-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTD-E
 Project Name: MCKINLEY POOL Report Page: (Page 5 of 7)
 Project Address: Date Prepared: 4/25/2022

I. LIGHTING POWER ALLOWANCE (per §140.7)
 This table includes areas using allowance calculations per §140.7 General Hardscape Allowance is per Table 140.7-A while "Use it or lose it" Allowances are per Table 140.7-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A (L2 0, 1 & 4)
 Calculated General Hardscape Lighting Power Allowance per Table 140.7-A (L2 2 & 3)

Area Description	Surface Type	Area Wattage Allowance (AWA)			Area Wattage Allowance (AWA)			Total General AWA + LWA (Watts)
		Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (ft)	Allowed Density (W/ft)	Linear Allowance (Watts)	
BUILDING EXTERIOR	Asphalt	1149	0.025	28.7	469	0.2	117.2	146
Initial Wattage Allowance for Entire Site (Watts):								350
Total General Hardscape Allowance (Watts):								496

J. LIGHTING ALLOWANCE: PER APPLICATION
 This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE
 This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL
 This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
 This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTD-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTD-E
 Project Name: MCKINLEY POOL Report Page: (Page 6 of 7)
 Project Address: Date Prepared: 4/25/2022

H. OUTDOOR LIGHTING CONTROLS
 This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

01	02	03	04	05
Area Description	Shut-Off §130.2(a)(1)	Auto-Schedule §130.2(a)(2)	Motion Sensor §130.2(a)(3)	Field Inspector
BUILDING EXTERIOR	Astronomical Timer	Yes	Exempt*	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
 (E) Not permitted by health & safety to be turned off. EXCEPTION 1 to §130.2(a)

BUILDING EXTERIOR < 40W

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTD-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTD-E
 Project Name: MCKINLEY POOL Report Page: (Page 6 of 7)
 Project Address: Date Prepared: 4/25/2022

F. OUTDOOR LIGHTING FIXTURE SCHEDULE
 For new or altered lighting systems demonstrating compliance with §140.7 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included).

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire ¹	How is Wattage determined	Total number luminaires ²	Luminaire Status ³	Excluded per §140.7(a)	Design Watts	Cutoff Req. > 6,200 initial lumen output §130.2(b) ⁴	Field Inspector
D	6" LED DOWNLIGHT <input type="checkbox"/> Linear	13	Mfr. Spec	16	New	<input type="checkbox"/>	208	NA: < 6200 lumens	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
S	LED SPOT LIGHT <input type="checkbox"/> Linear	40	Mfr. Spec	3	New	<input type="checkbox"/>	120	NA: < 6200 lumens	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Total Design Watts:								328	

*NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
 (E) Luminaire is lighting a statue; EXCEPTION 2 to §130.2(a)
¹For linear luminaires, wattage should be indicated as W/ft instead of Watts/Luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
²Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.
⁴Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(b)

G. CUTOFF REQUIREMENTS (BUG)
 This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Solar Ready Areas
 NRCC-SRA-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-SRA-E
 Project Name: MCKINLEY POOL Report Page: (Page 1 of 5)
 Project Address: Date Prepared: 4/25/2022

A. GENERAL INFORMATION

01 Project Location (city)	STOCKTON	04 Building Type	Other nonresidential bldg 3 stories or fewer
02 Climate Zone	12	05 Construction Type	New Construction
03 <input type="checkbox"/> Roof is designed for vehicle traffic, parking or for heliport			
03a <input type="checkbox"/> Plan sheet showing roof design for vehicle traffic, parking or heliport exception:			

B. PROJECT SCOPE
 The compliance path the project is using to comply per §110.10(b)(18) is indicated below.
 My project consists of (check one):

<input checked="" type="checkbox"/> Provide Solar Ready Area no exceptions	The project has allocated a solar zone on the roof plan per requirements in §110.10(b), as documented in Table F.
<input type="checkbox"/> Exception to Solar Ready Area: Installed Solar Photovoltaic System	The project includes a permanently installed solar electric system having a nameplate DC power rating, measured under Standard Test Conditions, of no less than one watt per square foot of roof area as documented in Table G.
<input type="checkbox"/> Exception to Solar Ready Area: Installed Solar Water Heating System	The project is a hotel/motel or high-rise multifamily occupancy and includes a permanently installed domestic solar water-heating system complying with §150.11(c)(8) and Reference Residential Appendix RA4, as documented in Table H.
<input type="checkbox"/> Exception to Solar Ready Area: Smart Thermostat and Alternative Energy Efficiency Measure	The project is a high-rise multifamily occupancy where all thermostats in each dwelling unit comply with §110.12(a) AND at least one additional measure listed in Exception 4 to §110.10(b)(18) is installed, as documented in Table I.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTD-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTD-E
 Project Name: MCKINLEY POOL Report Page: (Page 7 of 7)
 Project Address: Date Prepared: 4/25/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: RICHARD SMITH
 Signature Date: [Signature]
 Company: HCS Engineering, Inc.
 Address: 4512 FEATHER RIVER DR STE F
 City/State/Zip: STOCKTON CA 95219
 Phone: 209-478-8270

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. 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).
 3. 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 5 of the California Code of Regulations.
 4. 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.
 5. 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: RICHARD C. SMITH
 Signature Date: 2022-04-25
 Company: HCS Engineering, Inc.
 Address: 4512 Feather River Dr #F
 City/State/Zip: Stockton CA 95219
 Phone: 209-478-8270

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37

STATE OF CALIFORNIA
Outdoor Lighting
 NRCC-LTD-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTD-E
 Project Name: MCKINLEY POOL Report Page: (Page 6 of 7)
 Project Address: Date Prepared: 4/25/2022

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
 This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection 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 at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCCI/

Form/Title	Field Inspector	
	Pass	Fail
NRCC-LTD-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
NRCC-LTD-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/>	<input type="checkbox"/>

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Selections have been made based on information provided in this document. If any selection 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 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	Field Inspector
	Pass	Fail
NRCA-LTD-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	<input type="checkbox"/>	<input type="checkbox"/>

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
 Registration Provider: Energysoft
 Report Generated: 2022-04-25 09:39:37



LDA DESIGNERS & ARCHITECTS
 CALA
 12150 Tributary Point Drive, Suite 140
 Gold River, CA 95670
 T 916.985.4366
 www.callanderassociates.com
 NOVEMBER 14, 2022 CALA PROJECT NO. 21013

MCKINLEY PARK RENOVATIONS PROJECT

COMPLIANCE

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

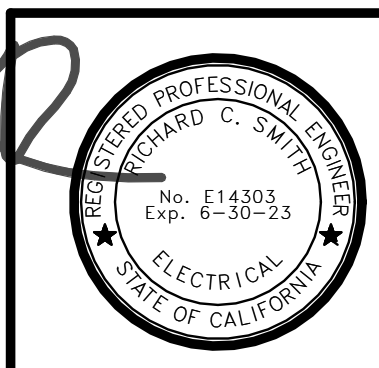
Revision No.	Description	Date	By	Aprvd. By
1	PLAN CHECK #1	10.10.22	RCS	RCS

SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	
CHECKED BY	
RECORD DWGS.	

APPROVED BY: _____ DATE: _____
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. ET24C
 161 OF 162 SHTS
 WR21017 PROJECT NO.

HCS Engineering, Inc.
 4512 Feather River Dr #F, Stockton, CA 95219
 209-478-8270 | www.hcs-eng.com



path://john/1714

