Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt

GENERAL NOTES

1. DIMENSION LINES ARE PLACED FROM "FACE OF STUD" OR FROM "GRID LINE" UNLESS NOTED OTHERWISE.
2. EXISTING CONSTRUCTION DATA SHOWN ON THE DRAWINGS WAS OBTAINED FROM AVAILABLE OWNER PROVIDED DRAWINGS. INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS PROVIDED AS THE "BEST PRESENT KNOWLEDGE", BUT WITHOUT GUARANTEE OF ACCURACY. DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED ON THE JOB SITE, DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.
3. WRITTEN DIMENSIONS ON DRAWINGS TAKE PRECEDENCE OVER SCALED DIMENSIONS. D0 NOT SCALE DRAWINGS TO DETERMINE THE FINAL WORKING DIMENSIONS. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. IN THE EVENT THAT CERTAIN FEATURES OF THE WORK ARE NOT FULLY SHOWN OR DETAILED ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS. SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR.
5. THE PROJECT MANUAL IS AN INTEGRAL PART OF THE CONTRACT DOCUMENTS. FOR SPECIFIC REQUIREMENTS OF MATERIAL, WORKMANSHIP, AND PERFORMANCE, REFER TO SPECIFICATIONS AND GENERAL REQUIREMENTS.
6. CONSTRUCTION TECHNIQUES, MATERIALS AND FINISHES TO BE INSTALLED AS REQUIRED BY THE APPROPRIATE CODE AUTHORITIES. INSTALLATION SHALL FOLLOW THE STANDARDS OF THE INDUSTRY IN ADDITION TO MEETING OR EXCEEDING THE DESIGN STANDARDS.
7. ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER OTHER DRAWINGS. THE STRUCTURAL, ELECTRICAL, MECHANICAL, AND OTHER DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. DRAWING DIVISIONS ARE NOT INTENDED TO DIVIDE THE CONSTRUCTION WORK BY TRADE OR CONTRACT. CONTRACTOR WILL COORDINATE ALL WORK WITH THE ARCHITECTURAL DRAWINGS BEFORE PROCEEDING WITH THE WORK. NOTIFY THE ARCHITECT FOR CLARIFICATION OF DISCOVERED DISCREPANCIES. WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
8. ANCHORAGE OF FIXTURES OR EQUIPMENT, TO WALL OR CEILING ASSEMBLIES, WHICH WEIGH MORE THAN 20 LBS., SHALL BE ATTACHED TO BACKING PER THE DETAILS PROVIDED. CONTRACTOR SHALL COORDINATE THE RELATED TRADES FOR PLACEMENT OF THE BACKING MEMBERS FOR EACH ITEM. CONTRACTOR SHALL ENSURE BACKING HAS BEEN PROVIDED BEFORE THE WALL OR CEILING SHEATHING IS APPLIED, OR WORK IS COVERED.
9. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, FOR ACCURACY AND CONFIRMING THAT WORK IS CONSTRUCTIBLE AS SHOWN PRIOR TO PROCEEDING WITH THE WORK. FOR QUESTIONS REGARDING THE CONTRACT DOCUMENTS OR OTHER COORDINATION QUESTIONS, OBTAIN WRITTEN CLARIFICATION FROM THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
10. CONTRACTOR SHALL INFORM THE ARCHITECT OF CONFLICTS THAT EXIST IN LOCATIONS OF MECHANICAL, COMMUNICATION, ELECTRICAL, LIGHTING, PLUMBING, AND FIRE SPRINKLER EQUIPMENT. CONFIRM REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ABOVE DESCRIBED EQUIPMENT IS PROVIDED.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, FITTING, AND PATCHING THAT MAY BE REQUIRED TO COMPLETE THE WORK, OR TO MAKE ITS MANY PARTS FIT TOGETHER PROPERLY. PROTECT ADJACENT CONSTRUCTION FROM DAMAGE. CUTTING AND WEAKENING OF EXISTING STRUCTURAL COMPONENTS, WALLS, FLOORS, AND ROOF MEMBERS IS PROHIBITED UNLESS FULLY DETAILED ON THE PLANS.
12. CONTRACTOR IS RESPONSIBLE FOR PROVIDING WORK AND MATERIALS IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL REGULATORY AGENCIES AND APPLICABLE BUILDING CODES.
13. "TYPICAL" SHALL MEAN IDENTICAL FOR ALL SAME CONDITIONS. "SIMILAR" SHALL MEAN COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED.
14. HEIGHTS ARE DIMENSIONED FROM "ABOVE FINISH FLOOR", UNLESS NOTED OTHERWISE.
15. ITEMS IDENTIFIED TO BE DEMOLISHED, REMOVED, OR RELOCATED ARE TO BE COMPLETELY REMOVED. INCLUDING, BUT NOT LIMITED TO CONCEALED ITEMS (PIPES, CURBS, FRAMING, FASTENERS, ETC.). ITEMS WITHIN A DEMOLITION AREA THAT MUST BE REROUTED IN ORDER TO MAINTAIN CONTINUITY SHALL BE DONE SO IN ACCORDANCE WITH THE APPROPRIATE SPECIFICATION SECTIONS OF THE PROJECT MANUAL, AT NO ADDITIONAL COST TO THE OWNER. CONTINUITY SHALL BE MAINTAINED BY CURRENT STANDARD CONSTRUCTION METHODS, EQUAL TO OR GREATER THAN THE QUALITY OF THE EXISTING CONDITION. ANY AREA OF DEMOLITION SHALL BE LEFT IN A COMPLETE AND CLEAN CONDITION, READY FOR NEW WORK, AS OUTLINED IN THE DOCUMENTS AND DRAWINGS.
16. WORK INDICATED AS "OWNER FURNISHED/CONTRACTOR INSTALLED", AND "OWNER FURNISHED/OWNER INSTALLED" SHALL MEET ALL APPLICABLE CODES AND REGULATORY REQUIREMENTS INDICATED WITHIN THESE DOCUMENTS AND SHALL BE INSTALLED AND FULLY OPERATIONAL PRIOR TO FINAL APPROVAL OF THIS PROJECT.
17. CONSTRUCTION INDICATED AS "FUTURE" IS NOT PART OF THIS PROJECT APPROVAL. SEPARATE APPLICATION AND APPROVAL BY DSA WILL BE REQUIRED FOR THESE ITEMS.
18. ITEMS LISTED AS "NOT IN CONTRACT" ARE NOT PART OF THIS PROJECT APPROVAL. SEPARATE APPLICATION AND APPROVAL BY DSA MAY BE REQUIRED FOR THESE ITEMS.
19. ITEMS NOT IDENTIFIED AS "EXISTING" ARE INTENDED AS NEW AND TO BE PROVIDED AS PART OF THIS PROJECT.
20. FIRE SAFETY DURING CONSTRUCTION & DEMOLITION WILL BE ENFORCED IN ACCORDANCE WITH CBC & CFC CHAPTER 33.
21. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
22. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGED DOCUMENT (CCD).
23. THE ARCHITECT SHALL NOT BE OBSERVING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY, SECURITY, QUALITY CONTROL AND CONSTRUCTION STANDARDS FOR THIS PROJECT.
24. ALL NEW CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF CODES ADOPTED BY LOCAL GOVERNING AGENCIES. THESE SHALL INCLUDE (BUT NOT LIMITED TO) THE APPLICABLE CODES, LAWS, AND REGULATIONS LISTED UNDER "CODE INFORMATION" ON THIS SHEET, AS WELL AS ALL HEALTH AND SAFETY CODES AND ORDINANCES ADOPTED BY THE LOCAL GOVERNING AGENCIES.
25. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR, SHOULD ANY EXISTING CONDITIONS. SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR) .
26. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
27. THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.
28. LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).
29. MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.
30. ACCESSIBILTY - ALL NEW WORK IN THIS BUILDING SHALL CONFORM WITH APPLICABLE SECTION OF C.B.C. IIB CBC SECTION IIB-202.4 PATH OF TRAVEL REQUIREMENTS IN ALTERATIONS, ADDITIONS, AND STRUCTURAL REPAIRS. THE NEW WORK FOR THIS TENANT IMPROVEMENT PROJECT IS DESIGN TO MEET APPLICABLE ACCESSIBILITY CODES. ADDITIONAL WORK SHALL BE PERFORMED TO MEET THE INTENT OF THIS CODE SECTION SEE IIB-202.4 NOTES ON SHEET AS2 FOR LIST OF UPGRADES TO PATH OF TRAVEL TO BUILDING.
31. THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.
32. PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.
33. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN FIRE LIFE SAFETY PLAN.

PITTSBURG HIGH SCHOOL

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET PITSBURG, CA 94565

Statement of General Conformance

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. 01-122520 File No. 7 - H6)

[X] The drawings or sheets listed on the cover or index sheet

[ ] This drawing, page of specifications/calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

1) Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
2) Coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 [b])

I find that:	[X] All drawings or sheets listed on the cover or index sheet [ ] This drawing or page	
[X] is/are in general conformance with the project design intent, and [X] has/have been coordinated with the project plans and specifications.		[X] is/are in general conformance with the project design intent, and [X] has/have been coordinated with the project plans and specifications.
Signature: Rodolfo L. Chacon	Date: 12/4/2025	Signature / Date
Architect or Engineer designated to be in general responsible charge		Architect or Engineer delegated responsibility for this portion of the work
Print Name: RODOLFO L. CHACON		Print Name
License Number: C28654	Expiration Date: 2/28/2027	License Number / Expiration Date

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS [X] FLS [X] ACS [X]
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

LICENSED ARCHITECT RODOLFO L. CHACON No. C 28654 Ren: 2/28/2027 STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT
1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	

PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE
COVER

G100

ABBREVIATIONS

ABOVE	ABV	EACH	EA.	LAMINATE	LAM.	SANITARY NAPKIN DISPENSER	S.N.D.
ABOVE FINISHED FLOOR	A.F.F.	ELECTRIC	ELEC.	LAVATORY	LAV.	SANITARY NAPKIN RECEPTACLE	S.N.R.
ACCESSIBLE	A.C.C.	ELECTRIC DRINKING FOUNTAIN	E.D.F.	LEFT HAND	L.H.	SCHEDULE	SCH.
ACOUSTICAL	ACOUST.	ELEVATION	ELEV.	LINOLEUM	LINO.	SEAT COVER DISPENSER	S.C.D.
ADJACENT	ADJ	EQUAL	EQ.	LONG	LG.	SECTION	SECT.
ADJUSTABLE	ADJUST.	EQUIPMENT	EQUIP.			SELF-TAPPING	S.T.
AIR CONDITIONING	A/C	ESTIMATE	EST.	MACHINE BOLT	M.B.	SHEATHING	SHTG.
ALUMINUM	ALUM.	EXHAUST	EXH.	MACHINE SCREW	M.S.	SHEET	SHT.
ANCHOR BOLT	AB.	EXHAUST FAN	E.F.	MANUFACTURER	MFGR.	SHEET METAL	S.M.
BENT ANCHOR BOLT	BAB.	EXISTING	(E)	MATERIAL	MAT.,MATL.	SHEET METAL & AIR CONDITIONING CONTRACTOR NATIONAL ASSOCIATION	SMACNA
ANODIZED	ANOD.	EXPANSION	EXP.	MAXIMUM	MAX.	SHEET METAL SCREWS	S.M.S.
ARCHITECTURAL	ARCH.	EXPANSION JOINT	E.J.	MECHANICAL	MECH.	SHELVES	SH.
ASPHALT CONCRETE	A.C.	EXTERIOR	EXT.	MEDIUM	MED.	SIMILAR	SML.,SIM
				MEMBRANE	MBNE.	SINK	S.
BACKBOARD	BACKBRD.	FABRIC WALL COVERING	F.W.C.	METAL	MTL.	SOAP DISPENSER	S.D.
BEAM	BM	FACE OF BLOCK	F.O.B.	METAL PLANAR CEILING	M.P.C.	SPECIFICATION	SPEC.
BENCH MARK	B.M.	FACE OF CONCRETE	F.O.C.	METAL TOILET PARTITION	M.T.P.	SPLASH	SPL.
BETWEEN	BTWN.	FACE OF STUD	F.O.S.	MILLIMETER	MILL.	SPLASH BLOCK	S.B.
BLOCK	BLK.	FACE OF WALL	F.O.W.	MINIMUM	MIN.	SQUARE	SQ.
BOTTOM	BTM.,BTTM.	FACTORY FINISH	F.F.	MISCELLANEOUS	MISC.	STAINLESS STEEL	S.S.
BOUNDARY NAILING	B.N.	FEET/FOOT	FT.	MULLION	MULL.	STANDARD	STD.
BUILDING	BLDG.	FEMININE NAPKIN DISPOSAL	F.N.D.			STEEL	STL.
		FIBER GLASS	F.G.,FIBERGL.	NOT IN CONTRACT	N.I.C.	STORAGE	STOR.
CABINET	CAB.	FINISH	FIN.	NOT TO SCALE	N.T.S.	STIFFENER	STIFF.
CADMIUM	CAD.	FIRE EXTINGUISHER CABINET	F.E.C.	NUMBER	NO.,#	STRUCTURAL	STRUCT.,ST.
CARPET	CPT.	FIRE RATED GYP. BD.	F.R.G.B.			SUSPENDED	SUSP.
CARRIAGE BOLT	C.B.	FIRE TREATED	F.T.	OPPOSITE HAND	O.H.	SWITCH	SW.
CAST IRON	C.I.	FIXED GLASS	F.G.	OPPOSITE	OPP.	SEE STRUCTURAL DRAWINGS	SSD.
CEILING	CLG.,CEL'G.	FLAT HEAD	F.H.	ON CENTER	O.C.		
CEILING DIFFUSER	C.D.	FLOOR	FLR.	OPENING	OPG.	TELEPHONE	TEL.,TELE.
CEILING GRILLE	C.G.	FLOOR DRAIN	F.D.	OUTSIDE DIAMETER/IDIMENSION	O.D.	THICK	THK.
CEILING REGISTER	C.R.	FLUORESCENT	FLUOR.	OVAL HEAD	O.H.	THRESHOLD	THR.
CEMENT	CEM.	FOOTING	FTG.	OVER (ON)	OI.	TOILET PAPER	T.P.
CENTERLINE	C.L.	FOUNDATION	FDN.	OVERFLOW	OVFL.	TOILET PAPER HOLDER	T.P.H.
CERAMIC TILE	C.T.	FRAMING	FRM'G.	OVERHAND	OH.	TOLERANCE	TOL.
CIRCUIT	CRT.					TRANSFORMER	TRANS.
CLEANOUT	C.O.	GAGE/GAUGE	GA.	PAINT	PT.	TYPICAL	TYP.
CLEAR	CLR.	GALVANIZE	GALV.	PAIR	PR.		
COLD WATER	C.W.	GALVANIZED IRON	G.I.	PAPER TOWEL DISPENSER	P.T.D.	UNDERWRITERS LABORATORY	U.L.
COLUMN	COL.	GLASS	GL.	PLASTIC	PLAS.	UNLESS OTHERWISE NOTED	U.O.N.
COMBINATION/COMBUSTION	COMB	GRAB BAR	G.B	PLATE	PL.	URINAL	UR.
COMPOSITION, COMPOSITE	COMP.	GRADE	G.R	PLATED	PLTD.		
CONCRETE	CONC.	GROUND	GND.	PLUMBING	PLBG.	VENTILATE/VENTILATION	VENT.
CONCRETE MASONRY UNIT	C.M.U.	GYPSUM	GYP.	PLYWOOD	PLYWD.	VENT THROUGH ROOF	V.T.R
CONDITION	COND.	GYPSUM BOARD	G.B.,GYP.BD.	POINT	PT.	VERTICAL	VERT.
CONNECTION	CONN.			POINT OF CONNECTION	P.O.C.	VINYL COMPOSITION TILE	V.C.T
CONSTRUCTION	CONST.			POUND	LB.,#	VINYL WALL COVERING	V.W.C.
CONSTRUCTION JOINT	C.J.	HARDWARE	HDW.,HDWR.	POUND PER SQ. FOOT	P.S.F.	VOLUME	VOL.
CONTINUOUS	CONT.	HEAD	HD.	POUND PER SQ. INCH	P.S.I.		
CONTRACTOR	CONTR.	HEADER	HDR.			WATER CLOSET	W.C.
COORDINATE	COORD.	HEIGHT	HT.,H.	QUARTER	QTR.	WATER PROOF	W.P.
COUNTERSINK	CSK.	HOLLOW METAL	H.M.			WATER RESISTANT	W.R.
		HORIZONTAL	HORIZ.	RADIUS	R.,RAD.	WIDTH	W.
DEPARTMENT	DEPT.	HOT WATER	H.W.	RAINWATER LEADER	R.W.L.	WIRE GLASS	W.GL.
DEPTH, DEEP	D.	HOSE BIBB	H.B.	RECEPTACLE	RECEPT.	WITH	W/
DETAIL	DET.,DTL.			REFLECTED	REFL'D.	WITHOUT	W/O
DIAGONAL	DIAG.	INCH	IN.	REFRIGERATOR	REF.	WOOD	WD.
DIAMETER	DIA.	INSIDE DIAMETER/DIMENSION	I.D.	REINFORCING	REINF.	WOOD SCREWS	W.S.
DIMENSION	DIM.	INSULATION	INSUL.	REMOVABLE	REMOV.		
DISPENSER/DISPOSAL	DISP.	INTERIOR	INT.	REQUIRED	REQ'D.		
DIVISION	DIV.			RESILIENT	RES.		
DOOR	DR.	JAMB	JB.	REVISE, REVISION	REV.		
DOUBLE	DBL	JOINT	JT.	RIGHT HAND	R.H.		
DOWN	DN.			ROOF DRAIN	R.D.		
DOWNSPOUT	D.S.			RUBBER TOPSET BASE	R.T.B.		
DRAWING	DRWG.						
DRINKING FOUNTAIN	D.F.						

VICINITY MAP

N

SITE

DEFERRED SUBMITTAL

NONE

PROJECT DIRECTORY

OWNER:
Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

DIRECTOR OF FACILITIES:
Mr. Sean Vandermey
Director of Facilities
Pittsburg Unified School District
3200 Loveridge Road
Pittsburg, CA 94565

PROJECT MANAGER
Mr. E. Keith Holtslander
Facilities Planning & Management
Pittsburg Unified School District
3200 Loveridge Road
Pittsburg, CA 94565
925- 473-2428
email:
kholtslander@pittsburgusd.net

ARCHITECT:
CHACON Architecture
Rodolfo L. Chacon
2106 Bolero Drive
Bay Point, CA 94565
559-240-0288

ELECTRICAL ENGINEER:
BORRELLI & ASSOCIATES, INC.
John Borrelli
2032 N. Gateway blvd.
Fresno, CA 93727
559-233-4138

CIVIL ENGINEER:
Alan Mok, PE, PLS, LEED AP
Principal
3433 W, Shaw Avenue, Suit #100
Fresno, California 93711
Tel. 559-432-6879
Fax. 559-432-6879
www.alanmokengineering.com

SYMBOLS

XX / XXXX — SECTION KEY
SECTION IDENTIFICATION
SHEET NUMBER

G / S-4 — DETAIL KEY
DETAIL NUMBER
SHEET NUMBER

A / D / 3 / A5.01 / B / C — INTERIOR ELEVATION KEY
ELEVATION DIRECTION
ELEVATION IDENTIFICATION
SHEET NUMBER

ELEVATION DATUM
INDICATES HEIGHT IN RELATION TO 0'-0"

103 — DEMOLITION SCHEDULE KEY

W06 — WINDOW SCHEDULE KEY

103 — KEYNOTE SCHEDULE KEY

101B — DOOR SCHEDULE KEY

BUILDING DATA

OCCUPANCY TYPE:

CONSTRUCTION TYPE: **V-B**

SCOPE OF WORK:

THE SCOPE OF WORK INCLUDES THE DEMOLITION AND REPLACEMENT OF 56,000 SF OF PARKING LOT AND PLACEMENT OF ASSOCIATED NEW, POLE LIGHTS, PLANTERS, TREES, EV CHARGERS, CONCRETE WALKS AND GATES

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2023:

2025	CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*
2022	CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
2022	CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
2022	CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
2022	CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
2022	CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2022	CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
2022	CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
2022	CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11,TITLE 24 CCR
2022	CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR

SHEET INDEX

ARCHITECTURAL	
G100	COVER
A100	OVERALL SITE PLAN
A101	ARCHITECTURAL DEMOLITION PLAN
A102	ENLARGED SITE PLAN
A200	DEMO ENLARGED PLAN AND ELEVATION
A201	PROPOSED ENLARGED PLAN AND ELEVATION
A202	DEMOLISHED FENCE GATE ELEVATION
A203	PROPOSED FENCING GATE ELEVATIONS
A501	DETAILS
A502	DETAILS
CIVIL	
C1	TOPOGRAPHIC SURVEY
C2	DEMOLITION PLAN
C3	GRADING PLAN
C4	DETAILS
C5	IRRIGATION PLAN
C6	IRRIGATION DETAIL
C7	SWPPP
ELECTRICAL	
E1.01.01	SYMBOL LIST, NOTES AND ABBREVIATIONS
E1.01.02	ELECTRICAL NOTES AND REQUIREMENTS
E1.02.01	SINGLE LINE DIAGRAMS AND PANEL SCHEDULES
E2.01.01	OVERALL ELECTRICAL SITE PLAN
E3.01.01	PARTIAL EXISTING ELECTRICAL SITE PLAN
E3.02.01	PARTIAL ELECTRICAL SITE PLAN
E3.02.02	PARTIAL ELECTRICAL SITE PLAN
E3.03.01	PARTIAL PHOTOMETRIC SITE PLAN
E3.03.02	PARTIAL PHOTOMETRIC SITE PLAN
E4.01.01	TYPICAL ELECTRICAL DETAIL
E4.01.02	TYPICAL ELECTRICAL DETAIL
E5.01.01	POWER TITLE 24
E5.02.01	OUTDOOR LIGHTING TITLE 24
E5.02.02	OUTDOOR LIGHTING TITLE 24
LANDSCAPE	
L1.0	LANDSCAPE PLAN
L1.1	LANDSCAPE EQUIPMENT PLAN

TOTAL # OF SHEETS = 33

PLOT DATE: 12/4/2025 1:55:28 PM

Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt

11B-208.2 MINIMUM NUMBER.

PARKING SPACES COMPLYING WITH SECTION 11B-502 SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 11B-208.2 EXCEPT AS REQUIRED BY SECTIONS 11B-208.2.1, 11B-208.2.2 AND 11B-208.2.3. WHERE MORE THAN ONE PARKING FACILITY IS PROVIDED ON A SITE, THE NUMBER OF ACCESSIBLE SPACES PROVIDED ON THE SITE SHALL BE CALCULATED ACCORDING TO THE NUMBER OF SPACES REQUIRED FOR EACH PARKING FACILITY.

TABLE 11B-208.2 PARKING SPACES

TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1000	2 percent of total
1001 and over	20, plus 1 for each 100, or fraction thereof, over 1000

11B-208.2 MINIMUM NUMBER.

[DSA-SS] SHADE TREES SHALL BE PLANTED TO COMPLY WITH SECTIONS 5.106.12.1, 5.106.12.2 AND 5.106.12.3. PERCENTAGES SHOWN SHALL BE MEASURED AT NOON ON THE SUMMER SOLSTICE. LANDSCAPE IRRIGATION NECESSARY TO ESTABLISH AND MAINTAIN TREE HEALTH SHALL COMPLY WITH SECTION 5.304.6.

5.106.12.1 SURFACE PARKING AREAS.

SHADE TREE PLANTINGS, MINIMUM NO. 10 CONTAINER SIZE OR EQUAL, SHALL BE INSTALLED TO PROVIDE SHADE OVER 50 PERCENT OF THE PARKING AREA WITHIN 15 YEARS.

EXCEPTIONS:

SURFACE PARKING AREA COVERED BY SOLAR PHOTOVOLTAIC SHADE STRUCTURES OR SHADE STRUCTURES WITH ROOFING MATERIALS THAT COMPLY WITH TABLE A5.106.11.2.2 IN APPENDIX A5 SHALL BE PERMITTED IN WHOLE OR IN PART IN LIEU OF SHADE TREE PLANTINGS.

PROVIDED ACCESSIBLE PARKING

1.) (4) ACCESSIBLE PARKING STALLS HAVE BEEN PROVIDED WITH (1) VAN ACCESSIBLE FOR 78 STALLS PROVIDED IN PARKING FACILITY.

TABLE 5.106.5.3.1

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)[2,3]
0-9	0	0
10-25	4	0
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 and over	20 percent of actual parking spaces[1]	25 percent of EV capable spaces[1]

11B-208.2 MINIMUM NUMBER.

1. CALCULATION FOR SPACES SHALL BE ROUNDED UP TO THE NEAREST WHOLE NUMBER.
2. THE NUMBER OF REQUIRED EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE) IN COLUMN 3 COUNT TOWARD THE TOTAL NUMBER OF REQUIRED EV CAPABLE SPACES SHOWN IN COLUMN 2.
3. AT LEAST ONE LEVEL 2 EVSE SHALL BE PROVIDED.

PROVIDED EVSE (ELECTRICAL VEHICLE SUPPLY EQUIPMENT)

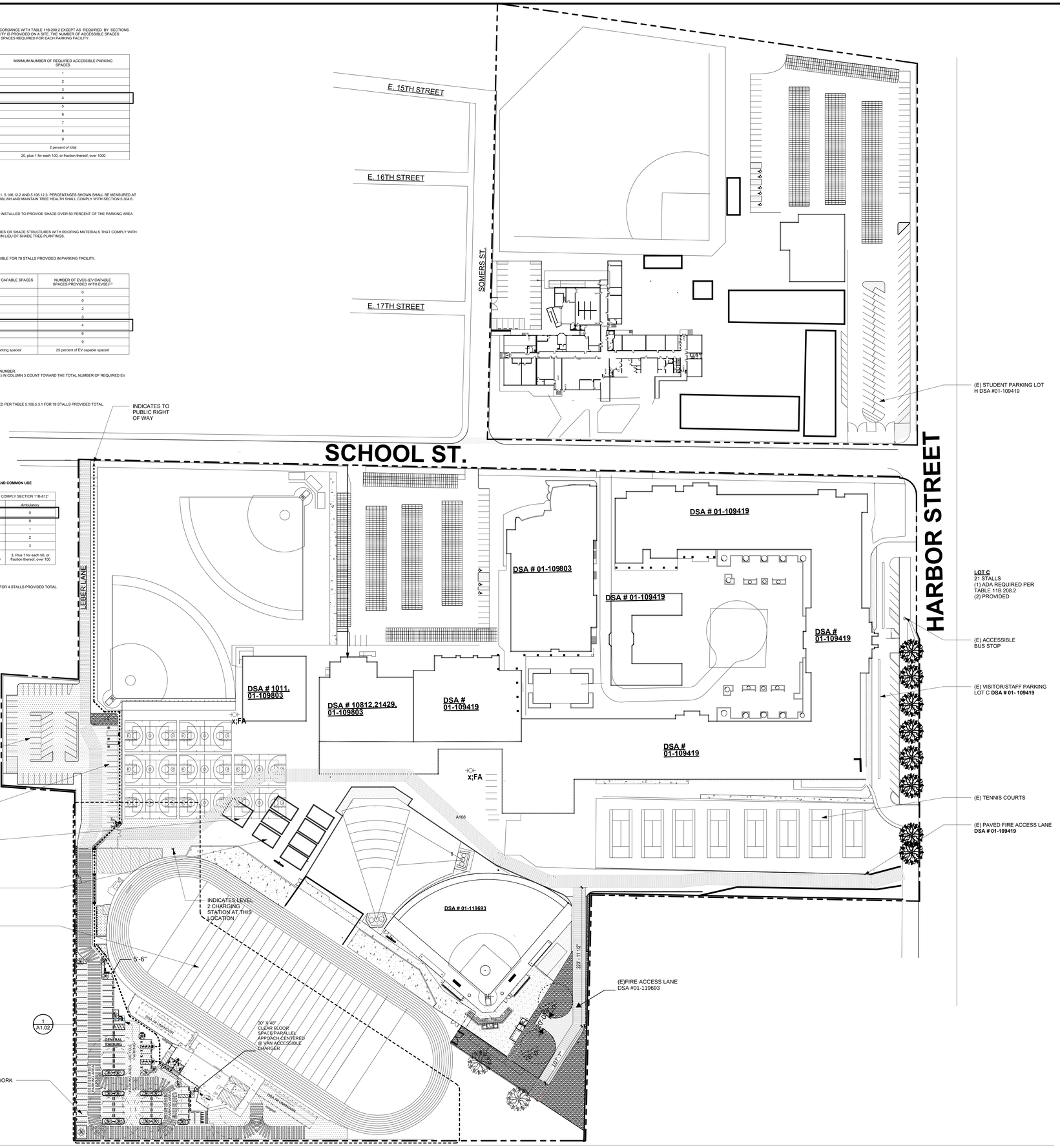
1.) (4) ELECTRIC VEHICLE SUPPLY EQUIPMENT LOCATIONS HAVE BEEN PROVIDED PER TABLE 5.106.5.3.1 FOR 78 STALLS PROVIDED TOTAL.

TABLE 11B-228.3.2.1 ELECTRIC VEHICLE CHARGING STATIONS FOR PUBLIC USE AND COMMON USE

TOTAL NUMBER OF EVCS AT A FACILITY[1]	MINIMUM NUMBER (by type) OF EVCS REQUIRED TO COMPLY SECTION 11B-812[1]		
	Van Accessible	Standard Accessible	Ambulatory
1 to 4	1	0	0
5 to 25	1	1	0
26 to 50	1	1	1
51 to 75	1	2	2
76 to 100	1	3	3
101 and over	1, Plus 1 for each 300, or fraction thereof, over 100	3, Plus 1 for each 60, or fraction thereof, over 100	3, Plus 1 for each 50, or fraction thereof, over 100

PROVIDED EVSE FOR PUBLIC AND COMMON USE

1.) (1) VAN ACCESSIBLE LOCATION HAS BEEN PROVIDED PER TABLE 11B 228.3.2.1 FOR 4 STALLS PROVIDED TOTAL.



1 OVERALL SITE PLAN
1/64" = 1'-0"

LEGEND

- BUILDINGS
- CONC. PAVING
- ASPHALT CONC. PAVING
- LANDSCAPING AND PLANTERS
- (E) CONCRETE SIDEWALK
- (N) TREE
- (N) WHEELSTOP
- (N) CONCRETE WITH SAW CUT SAW CUT JOINTS

GENERAL NOTES

1. SITE IS FULLY ACCESSIBLE. NO WAYFINDING SIGNAGE NEEDED TO DIRECT USERS TO ACCESSIBLE PATH.
2. ACCESSIBLE ROUTE AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE ROUTE SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80"MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE ACCESSIBLE ROUTE.
3. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND THE WRITTEN SITE SAFETY PLAN

ACCESSIBLE ROUTE

(E) 20' FIRE LANE

(E) FIRE HYDRANT

(E) CHAINLINK FENCING

(N) 20' FIRE LANE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

LICENSED ARCHITECT RODOLFO L. CHACON No. C-28054 Ren.2/28/2027 STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	

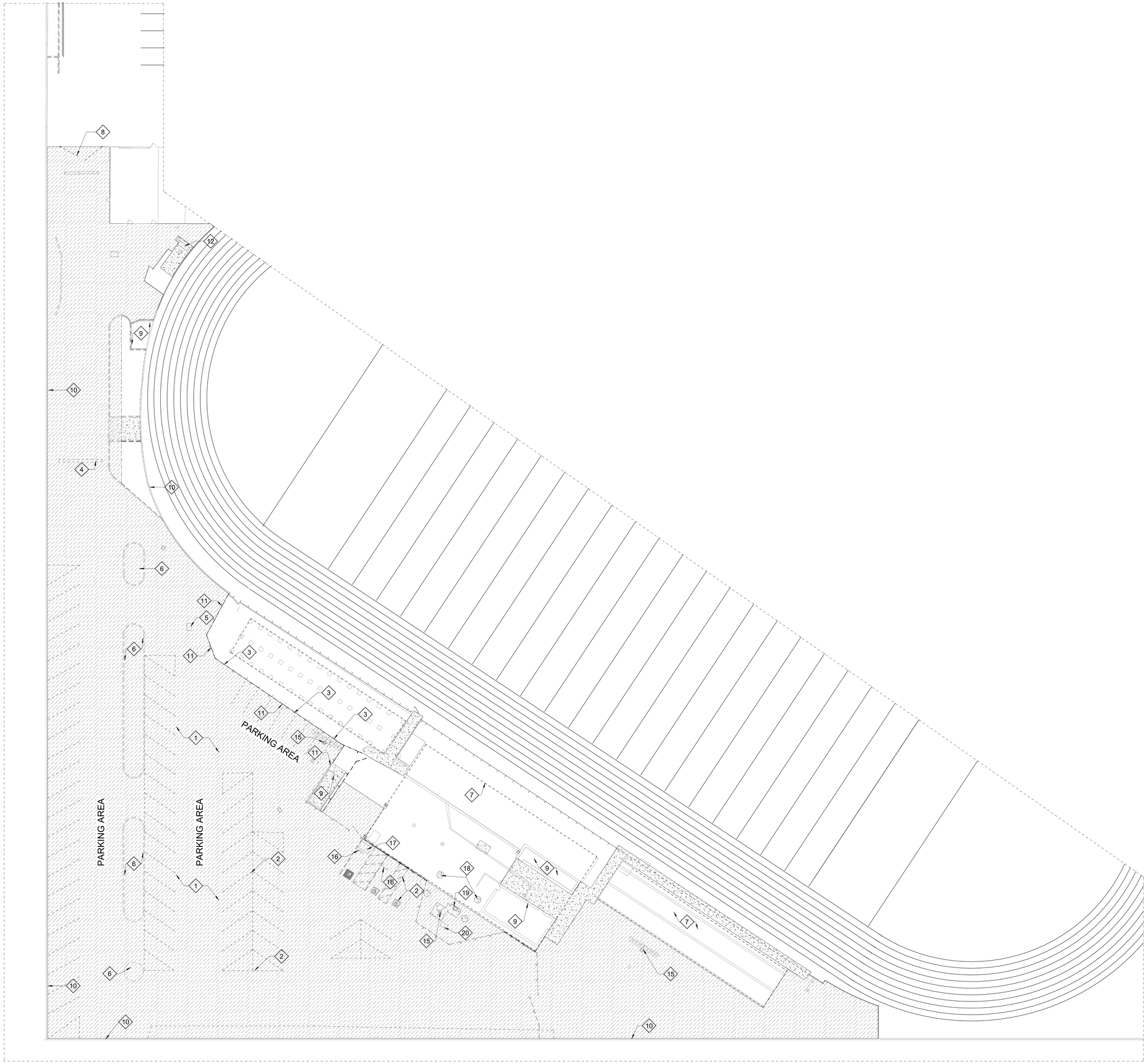
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE
OVERALL SITE PLAN

A100

PLOT DATE: 12/29/2025 11:51:41 AM

Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



1 ENLARGED DEMO LAYOUT
1" = 20'-0"

LEGEND

- BUILDINGS
- PLANTER AREAS
- ASPHALT CONC. PAVING
- CONC. PAVING
- LANDSCAPING
- DEMOLITION OF SURFACES

DEMOLITION KEYNOTES

1. (E) ASPHALT TO BE REMOVED IN ITS ENTIRE SUBGRADE TO BE PREPPED FOR FUTURE REPLACEMENT
2. (E) MARKINGS TO BE REMOVED
3. (E) FENCE POST TO REMAIN, REMOVE FENCING FABRIC
4. (E) SPEED BUMP TO BE REMOVED SALVAGED TO DISTRICT
5. (E) DRAIN INLET TO REMAIN SEE CIVIL DRAWINGS FOR FURTHER INFORMATION
6. (E) PLANTERS TO BE REMOVED IN THEIR ENTIRITY SEE CIVIL DRAWINGS FOR FURTHER INFORMATION
7. (E) BLEACHERS TO REMAIN
8. (E) ENTRY GATE TO BE REMOVED AND REPLACED
9. (E) BUILDINGS TO REMAIN
10. (E) PERIMETER CMU WALLS TO REMAIN SEE ELECTRICAL DRAWINGS FOR WALL LIGHT MOUNTING
11. (E) FENCING TO BE REMOVED SEE SHEET A200
12. (E) SWITCHGEAR TO REMAIN
13. (E) CONCRETE TO BE REMOVED
14. (E) POLES TO REMAIN
15. STADIUM LIGHTS TO REMAIN
16. (E) WHEEL STOPS TO BE REMOVED
17. (E) DETECTABLE WARNINGS TO BE REMOVED
18. (E) BLEACHER SUPPORTS TO REMAIN
19. (E) TRANSFORMER TO REMAIN
20. (E) BOX TO REMAIN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

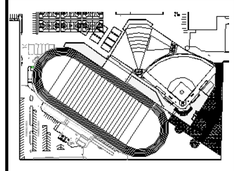
LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Exp. 08/2027
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	



PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

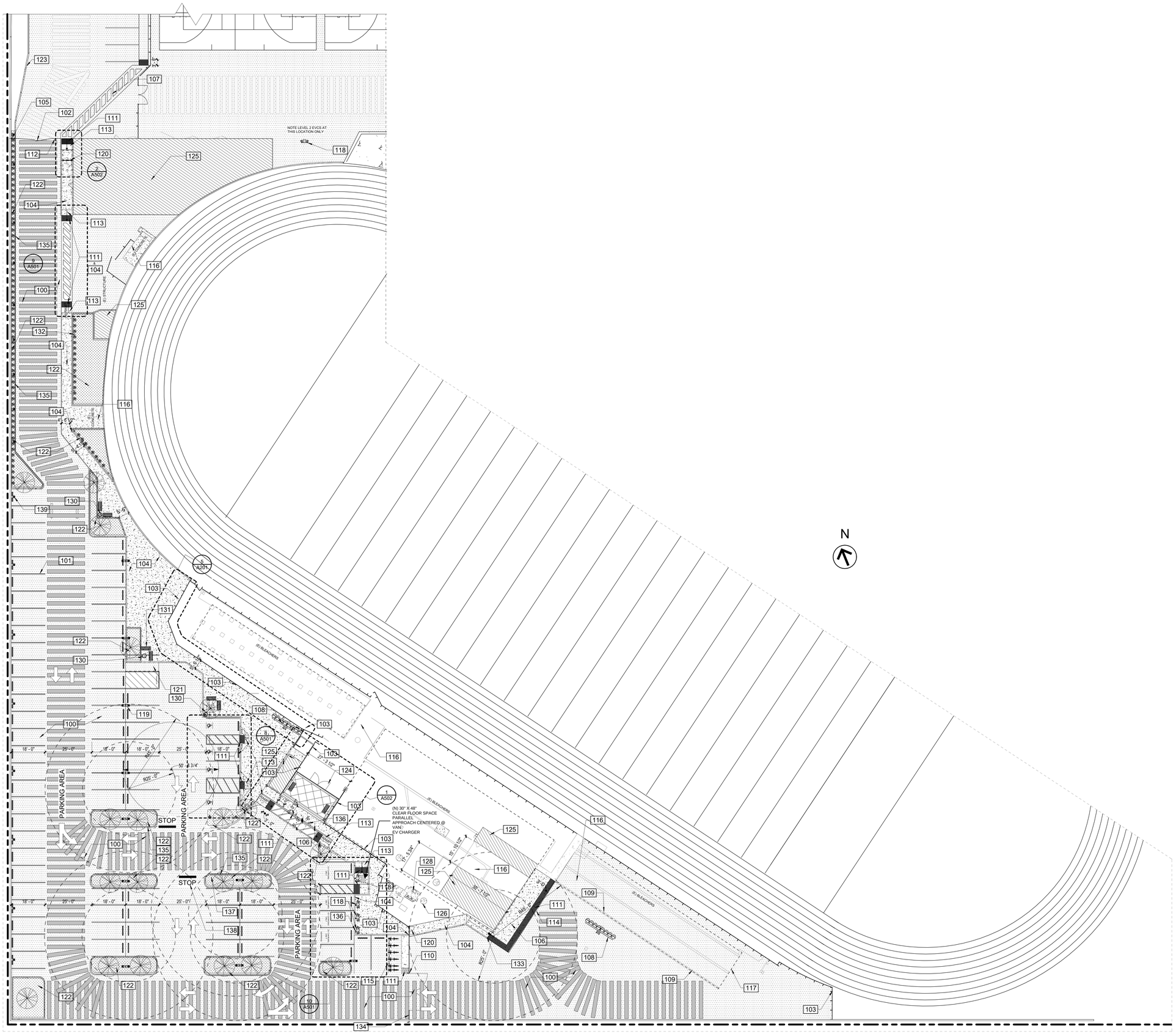
SHEET TITLE

ARCHITECTURAL DEMOLITION PLAN

A101

PLOT DATE: 19-08-2025 09:17:38 PM

Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



1 ENLARGED SITE PLAN
1" = 20'-0"

LEGEND

- (E) BUILDINGS
- (N) PLANTER AREAS
- (N) ASPHALT CONC. PAVING
- (N) CONC. PAVING
- (N) TREES
- (N) WHEELSTOP
- (E) 20' FIRE LANE
- (E)CHAINLINK FENCING
- (N) 20' FIRE LANE
- INDICATES (N) FIRE TRUCK TURNING RADIUS

KEY NOTES

100	(N) ASPHALT PAVING SEE CIVIL DRAWINGS AND SPECIFICATIONS
101	(N) MARKINGS
102	(N) VEHICULAR ENTRY GATES
103	(N) PVC COATED FABRIC, EXISTING POSTS TO REMAIN. POSTS TO BE CLEANED OF RUST PRIMED AND PAINTED BLACK
104	(N) 6" RAISED CONCRETE SIDEWALK AND CURB SEE CIVIL PLANS FOR GRADING 5% MAX. SLOPE MAX
105	(N) FENCING
106	(N) CONCRETE PAVING LEVEL W/ AC PAVING SEE CIVIL PLANS FOR GRADING
107	(N) PAINTED CROSSWALK. SEE DETAIL 9/A501 SIM.
108	(E) STADIUM LIGHT POLE TO REMAIN
109	(E) ASPHALT TERMINATION AT (E) CONCRETE MOW STRIP
110	(N) FENCING AND GATES (TRAFFIC)
111	(N) DETECTABLE WARNINGS SEE DETAIL 3/A-501
112	(N) INDICATES TERMINATION LINE OF NEW ASPHALT PAVING
113	(N) CURB RAMP DOWN SEE CIVIL PLANS FOR GRADING 5% MAX. SLOPE MAX
114	INDICATES FLUSH TRANSITION TO AC PAVING FROM CONCRETE (45'6" X 12'6")
115	(N) BICYCLE PARKING SEE LANDSCAPE SHEETS L1.0 & L1.1
116	(E) CONCRETE TO REMAIN
117	(N) TERMINATION OF NEW AC W/REDWOOD HEADER
118	(N) BUS EV CHARGING STATION SEE ELECTRICAL PLANS
119	(N) POLE MOUNTED DUAL HEAD LIGHT SEE ELECTRICAL PLANS
120	(N) FENCE AND PEDESTRIAN GATE SEE DETAIL 3/A502
121	(N)MOTORCYCLE PARKING
122	(N)PLANTING AREA SEE LANDSCAPE PLAN SHEET L1.0
123	(N) 6" CONCRETE CURB
124	(N) STREET PICKET FENCE AND PEDESTRIAN GATE
125	(E) STRUCTURE TO REMAIN
126	(E) I BEAM COLUMN SUPPORT (TYP) TO REMAIN
127	(E) ELECTRICAL BOX TO REMAIN
128	(E) TRANSFORMER TO REMAIN
129	(E) BOLLARDS (TYP)
130	(N) TRASH CAN (TYP.) SEE LANDSCAPE SHEETS L1.0 & L1.1
131	(N) BENCH (TYP.) SEE LANDSCAPE SHEETS L1.0 & L1.1
132	(N) LIGHTING BOLLARDS SEE ELECTRICAL PLANS
133	(N)SLOPED WALK 5% MAX. SLOPE 2% MAX CROSS SLOPE
134	(N) KNOX BOXES
135	(N) PAINTED CURBS RD STENCIL IN WHITE "NO PARKING - FIRE LANE" SEE DETAIL 8/A5.02
136	(N) REMOVABLE BOLLARDS @4'-0" O.C. SEE CIVIL
137	(N) STOP SIGN SEE CIVIL
138	(N) VEHICULAR MARKINGS SEE CIVIL DWGS
139	(N) WALL MOUNTED LIGHTS SEE ELECTRICAL DWGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

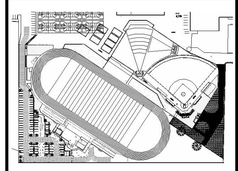
LICENSED ARCHITECT RODOLFO L. CHACON No. C 28854 Ren: 8/26/2027 STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	



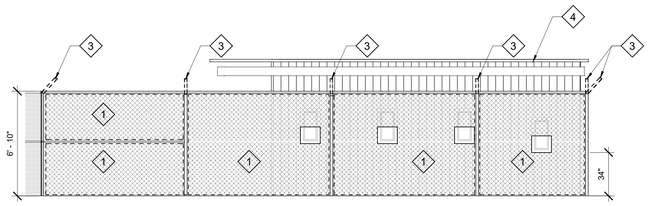
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE
ENLARGED SITE PLAN

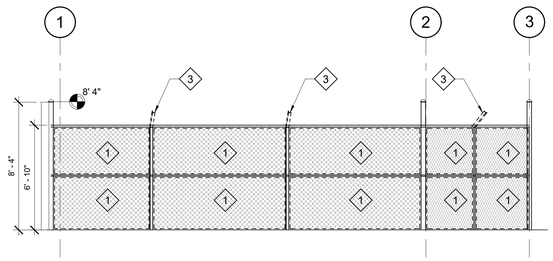
A102

PLOT DATE: 12/29/2025 11:51:45 AM

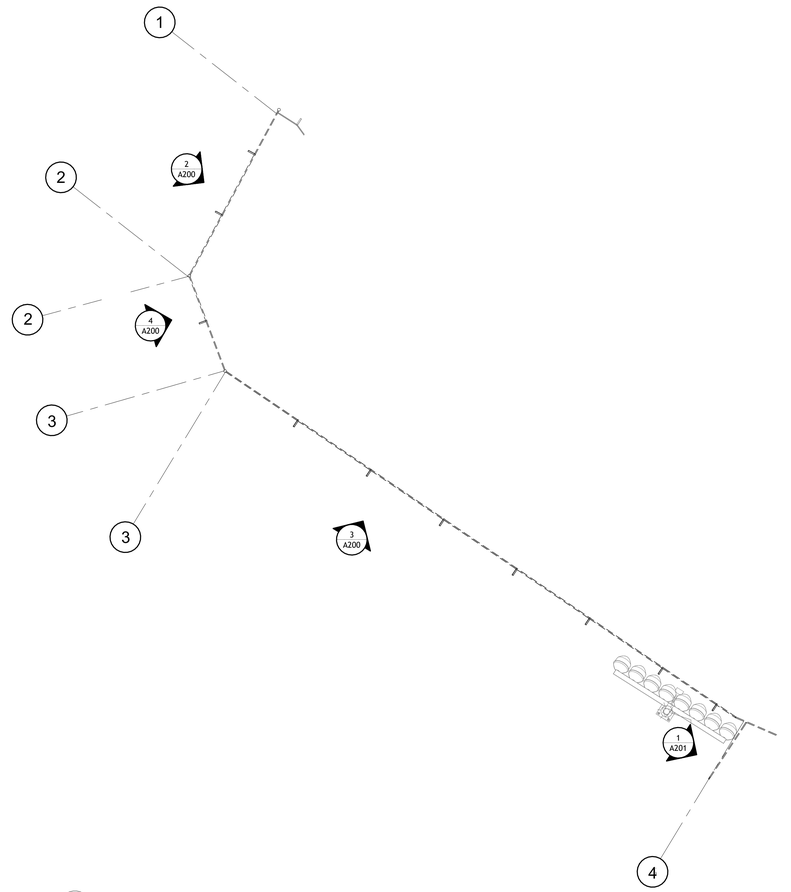
Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



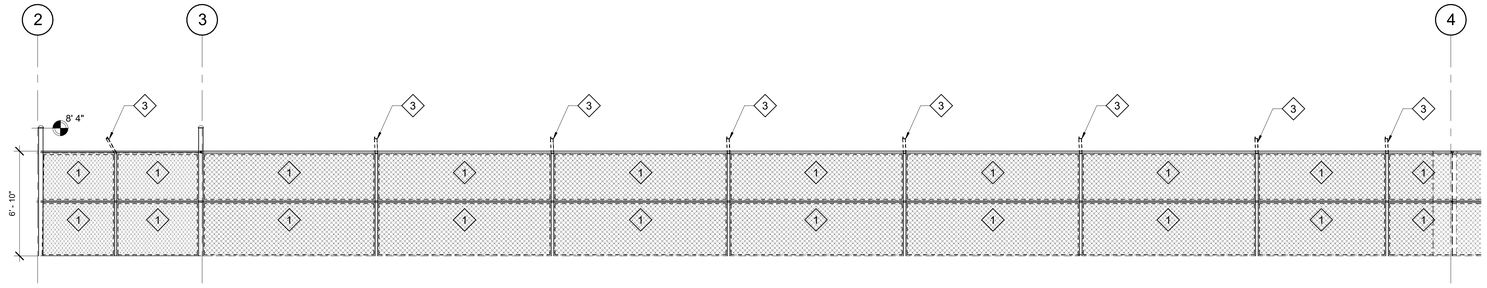
1 FENCE ELEVATION
1/4" = 1'-0"



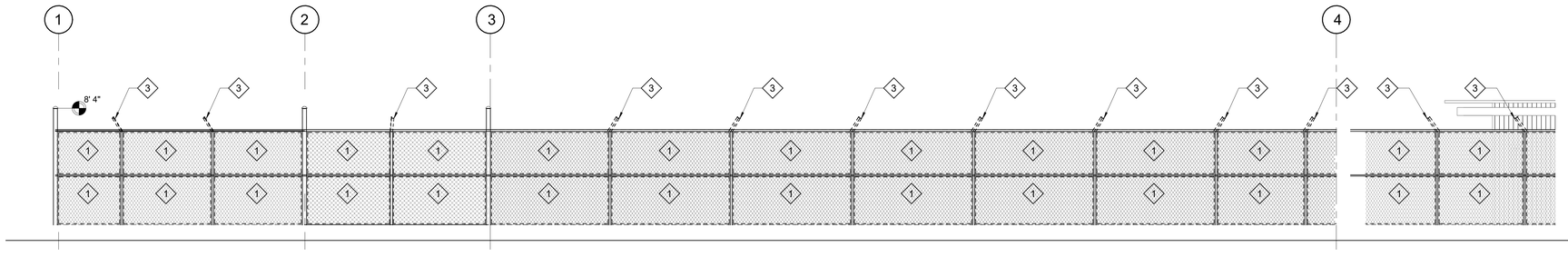
2 FENCE ELEVATION
1/4" = 1'-0"



5 DEMO FENCING DETAIL
1/8" = 1'-0"



3 FENCE ELEVATION
1/4" = 1'-0"



4 FENCE ELEVATION
1/4" = 1'-0"

KEYNOTES

1. (E) CHAINLINK FABRIC FENCING TO BE REMOVED TYP.
2. (E) POSTS TO REMAIN , CLEAN RUST
3. (E) METAL OUTRIGGERS TO BE REMOVED
4. (E) STRUCTURE TO REMAIN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

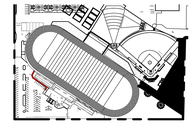
LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Rev: 12/31/2027
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	



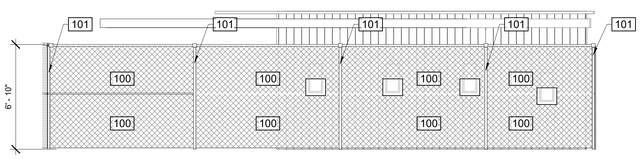
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE
DEMO ENLARGED PLAN AND ELEVATION

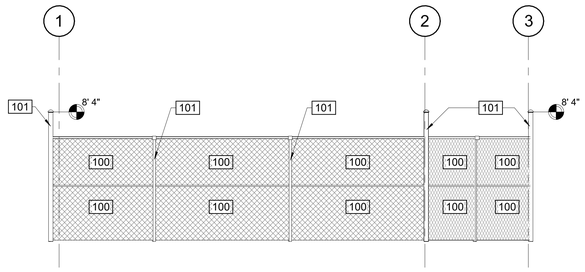
A200

PLOT DATE: 12/29/2025 7:10:25 PM

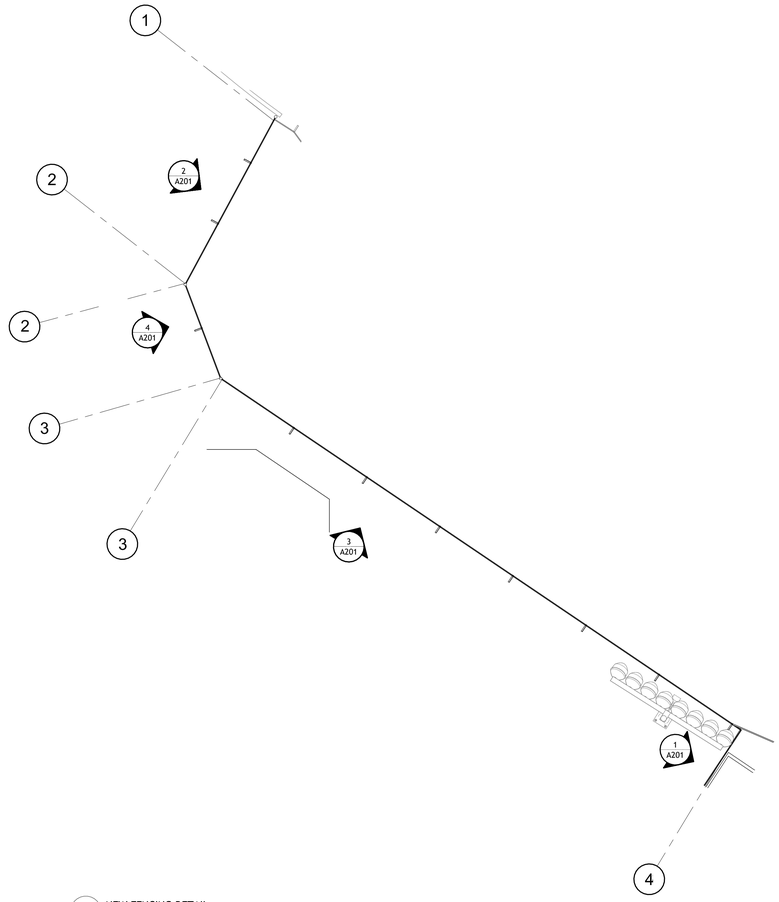
Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



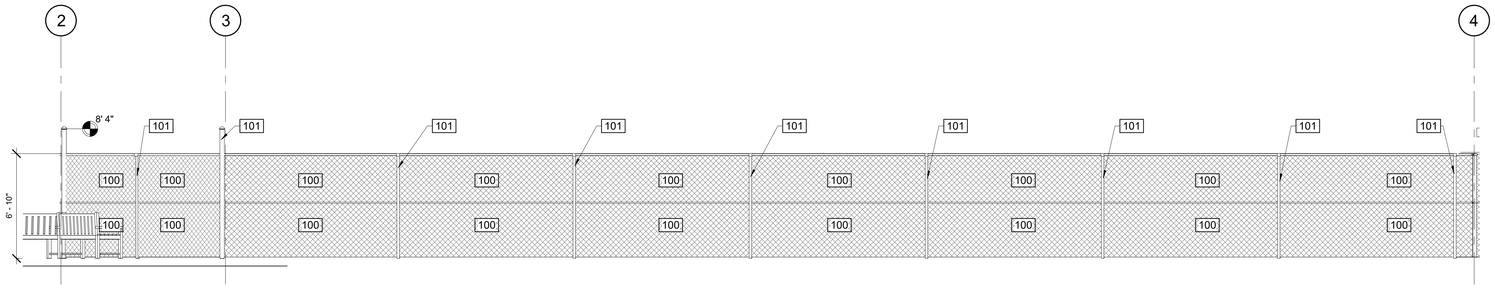
1 FENCE ELEVATION
1/4" = 1'-0"



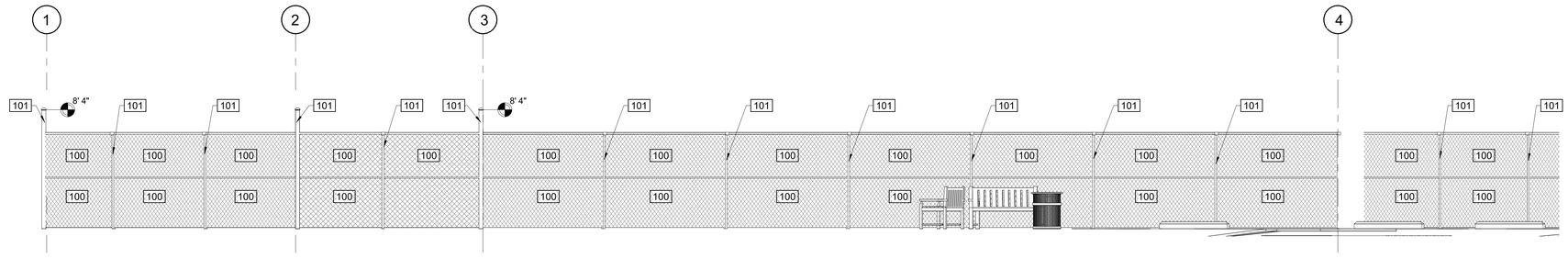
2 FENCE ELEVATION
1/4" = 1'-0"



5 NEW FENCING DETAIL
1/8" = 1'-0"



3 FENCE ELEVATION
1/4" = 1'-0"



4 FENCE ELEVATION
1/4" = 1'-0"

KEYNOTES

100	(N) PROPOSED VINYL COATED FENCE FABRIC
101	(E) POSTS TO BE CLEANED ,PRIMED AND PAINTED BLACK

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

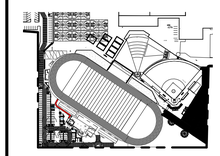
LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28554
Renewal 08/28/2026
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	



PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

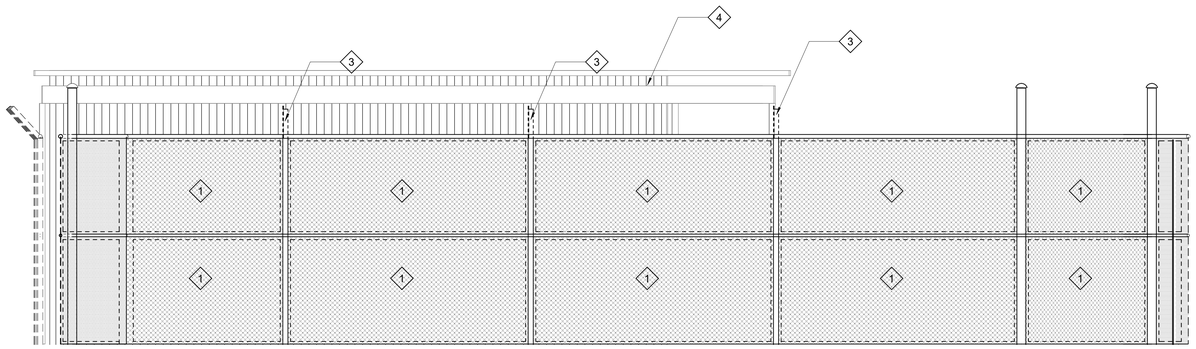
SHEET TITLE

PROPOSED ENLARGED PLAN AND ELEVATION

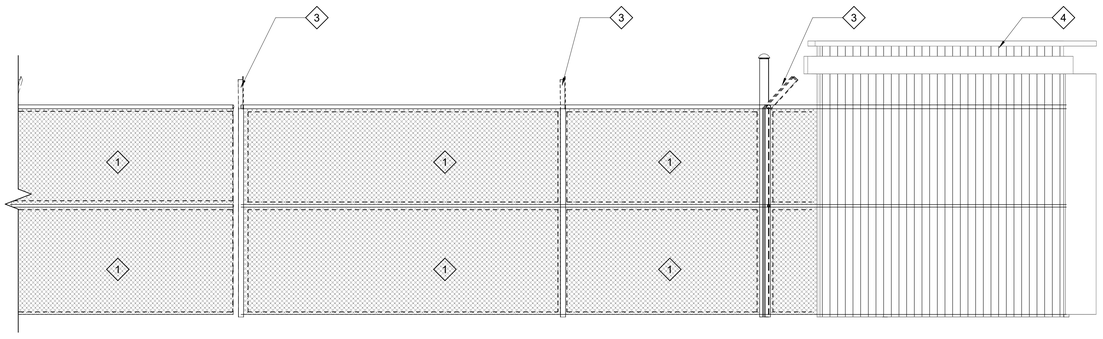
A201

PLOT DATE: 12/29/2025 7:10:28 PM

Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



1 FENCE DETAIL
1/2" = 1'-0"



2 FENCE DETAIL
1/2" = 1'-0"

KEYNOTES

1. (E) CHAINLINK FABRIC FENCING TO BE REMOVED TYP.
2. (E) POSTS TO REMAIN REMOVE, CLEAN RUST
3. (E) METAL OUTRIGGERS TO BE REMOVED
4. (E) STRUCTURE TO BE REMAIN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE

RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565

WWW.CHACONARCHITECTURE.COM

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28854
Renewal 08/31/2027
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	

PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

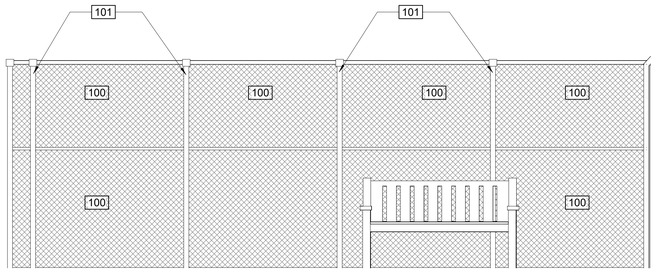
SHEET TITLE

DEMOLISHED FENCE GATE ELEVATION

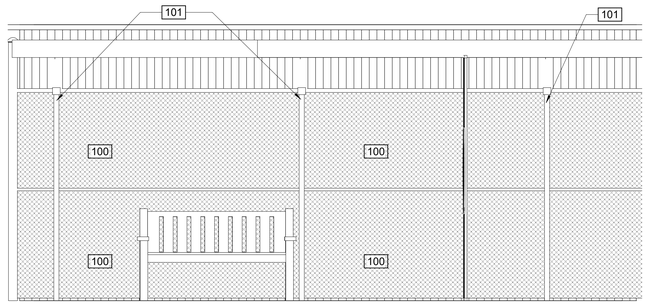
A202

PLOT DATE: 12/29/2025 7:10:30 PM

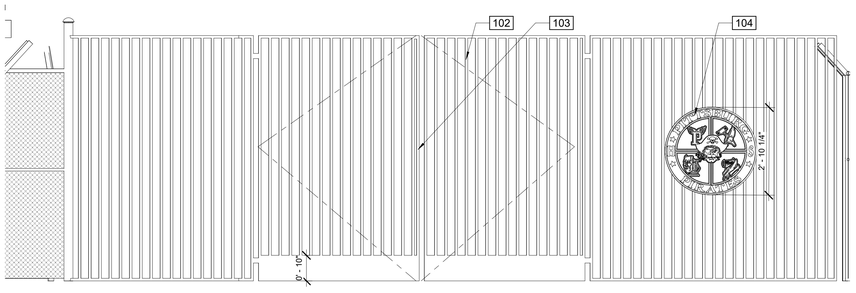
Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



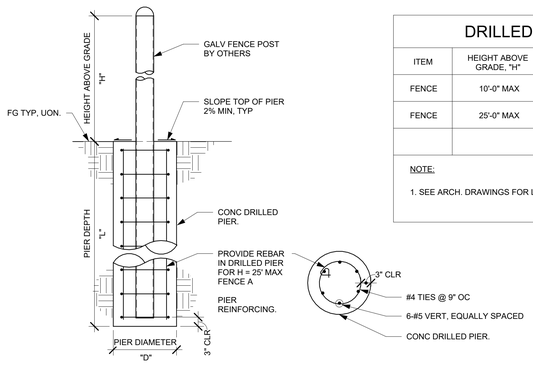
1 FENCING DETAIL
1/2" = 1'-0"



2 FENCING DETAIL
1/2" = 1'-0"



3 FENCING GATE DETAIL
1/2" = 1'-0"



4 FENCE POST FOOTING DETAIL
1 1/2" = 1'-0"

DRILLED PIER SCHEDULE

ITEM	HEIGHT ABOVE GRADE, "H"	PIER DIAMETER "D"	PIER LENGTH "L"
FENCE	10'-0" MAX	1'-6"	8'-0"
FENCE	25'-0" MAX	2'-0"	11'-0"

NOTE:

1. SEE ARCH. DRAWINGS FOR LOCATION OF FENCE.

KEYNOTES

100	(N) PROPOSED VINYL COATED FENCE FABRIC
101	(E) POSTS TO BE CLEANED ,PRIMED AND PAINTED BLACK
102	(N) TUBE STEEL GATE AND FENCING 3/4" X 3/4" TUBE STEEL PICKETS @ MAX 4" O.C. TOP AND BOTTOM RAIL 2" X 2"
103	SEE SHEET A502 FOR GATE HARDWARE
104	(N)SCHOOL LOGO SIGNAGE BY DISTRICT
105	SEE DETAIL 4/203 FOR FENCE POST FOOTING DETAIL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Renl 08/2026
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	

PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE

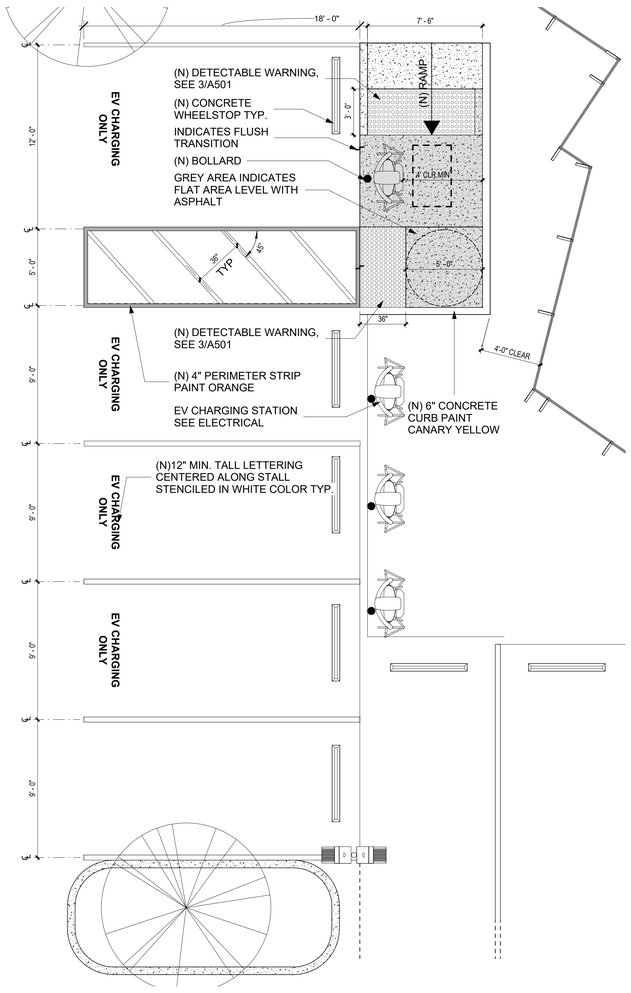
PROPOSED FENCING GATE ELEVATIONS

A203

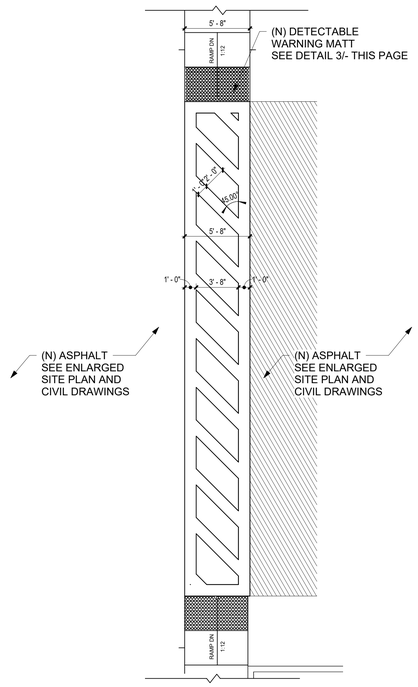
PLOT DATE: 12/29/2025 7:10:32 PM

Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt

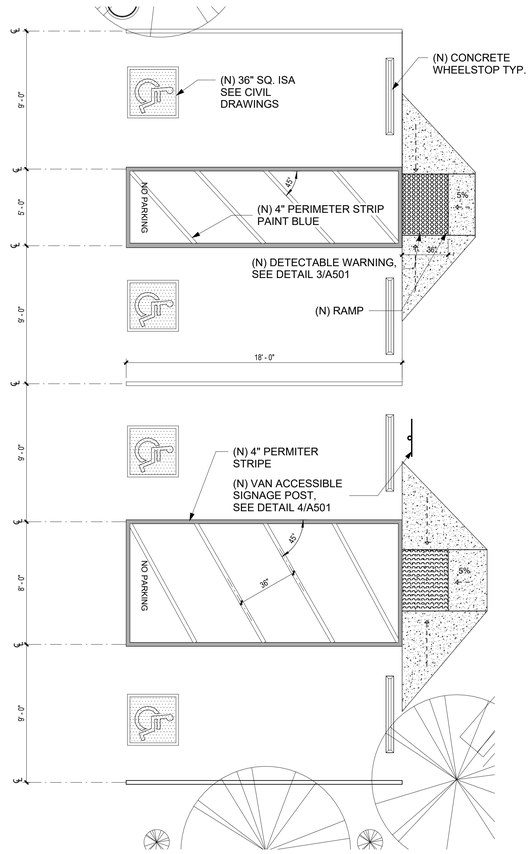
11 NOT USED
3/4" = 1'-0"



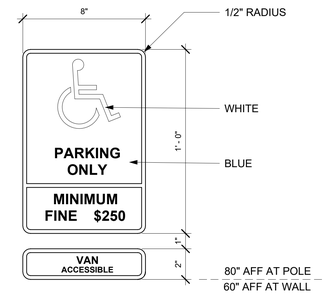
10 EV PARKING DETAIL
1/4" = 1'-0"



9 CROSSWALK DETAIL
3/16" = 1'-0"

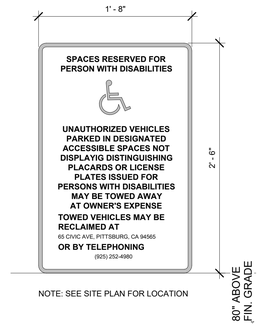


8 ACCESSIBLE PARKING DETAIL
1/4" = 1'-0"



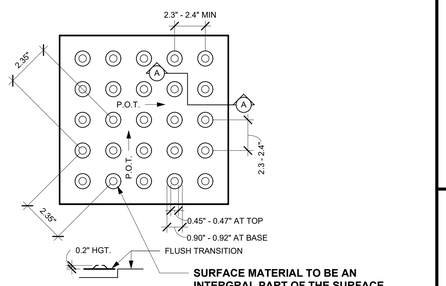
7 ACCESSIBLE PARKING SIGNAGE
3" = 1'-0"

4 NOT USED
3/4" = 1'-0"



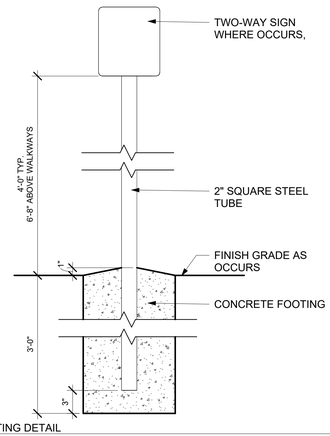
NOTE: SEE SITE PLAN FOR LOCATION

6 SIGN DETAIL
1 1/2" = 1'-0"

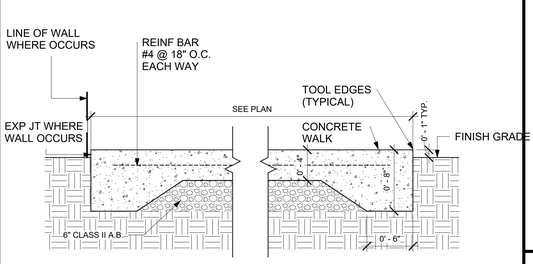


TYPICAL SECTION A-A

3 DETECTABLE WARNINGS
1 1/2" = 1'-0"

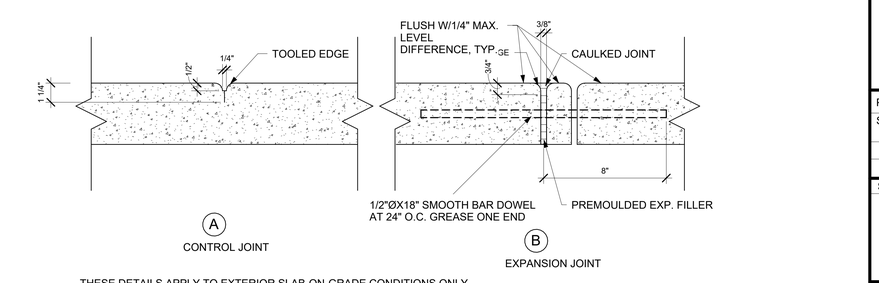


5 SIGN FOOTING DETAIL
1 1/2" = 1'-0"



GENERAL NOTES:
1. EXPANSION JOINT @ 12'-0" MAX, SEE 1B THIS PAGE
2. EXPANSION JOINT ON SIDEWALK SHALL MATCH WITH JOINTS ON CURB & GUTTER
CONTROL JOINT BETWEEN EXPANSION JOINTS SHALL BE 4'-0" O.C., SEE 1A THIS PAGE
3. ALL EDGES SHALL HAVE 1/2" RADIUS.
4. APPLY MEDIUM BROOM FINISH TO SURFACE OF CURB AND GUTTER PARALLEL W/ STREET.

2 TYPICAL WALK
1 1/2" = 1'-0"



THESE DETAILS APPLY TO EXTERIOR SLAB-ON-GRADE CONDITIONS ONLY.

1 TYPICAL CONCRETE JOINTS
3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

LICENSED ARCHITECT RODOLFO L. CHACON No. C 28854 Ren 8/26/2027 STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	

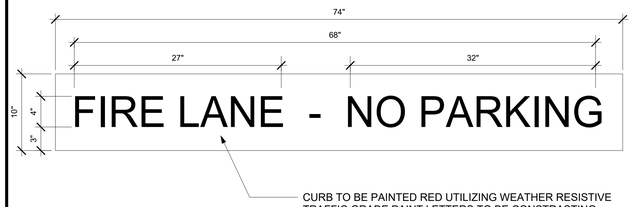
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE
DETAILS

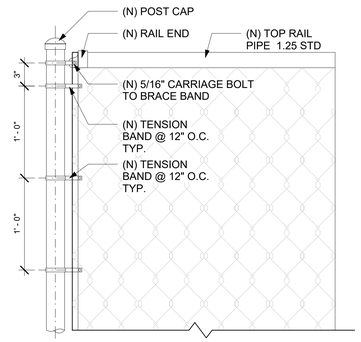
A501

PLOT DATE: 12/29/2025 11:51:46 AM

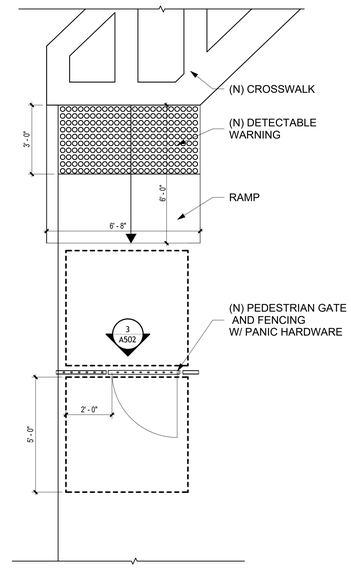
Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



8 FIRE LANE STENCIL DETAIL
1 1/2" = 1'-0"

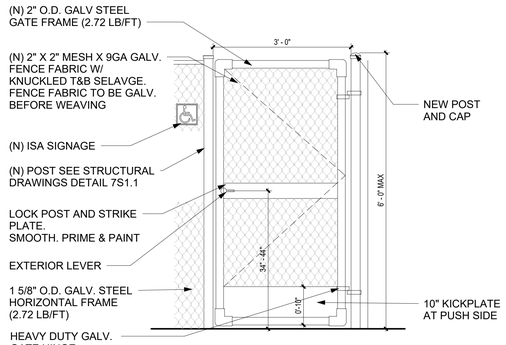


4 End Post Detail
1 1/2" = 1'-0"

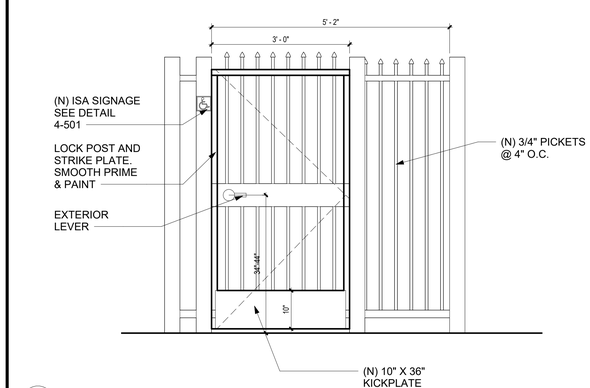


NOTES:
1. Gate closers shall be adjusted so that from an open position of 90-degrees, the time required to move the door to position of 12-degrees from the latch is 5-seconds min.
2. Adjust and maintain gate spring hinges per CBC 11B-404.2.8.2, so that from the open position of 70 degrees, the gate shall move to the closed position in 1.5 seconds minimum.
3. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5-lbs. Max. (11B-309.4)

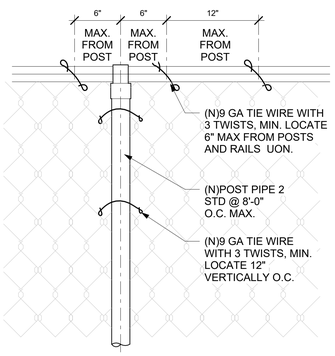
2 PEDESTRIAN GATE DETAIL
3/8" = 1'-0"



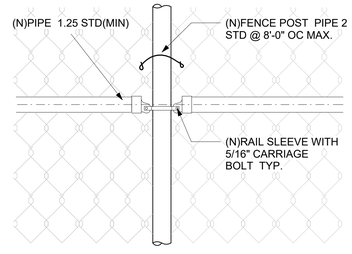
7 CHAIN LINK GATE
3/4" = 1'-0"



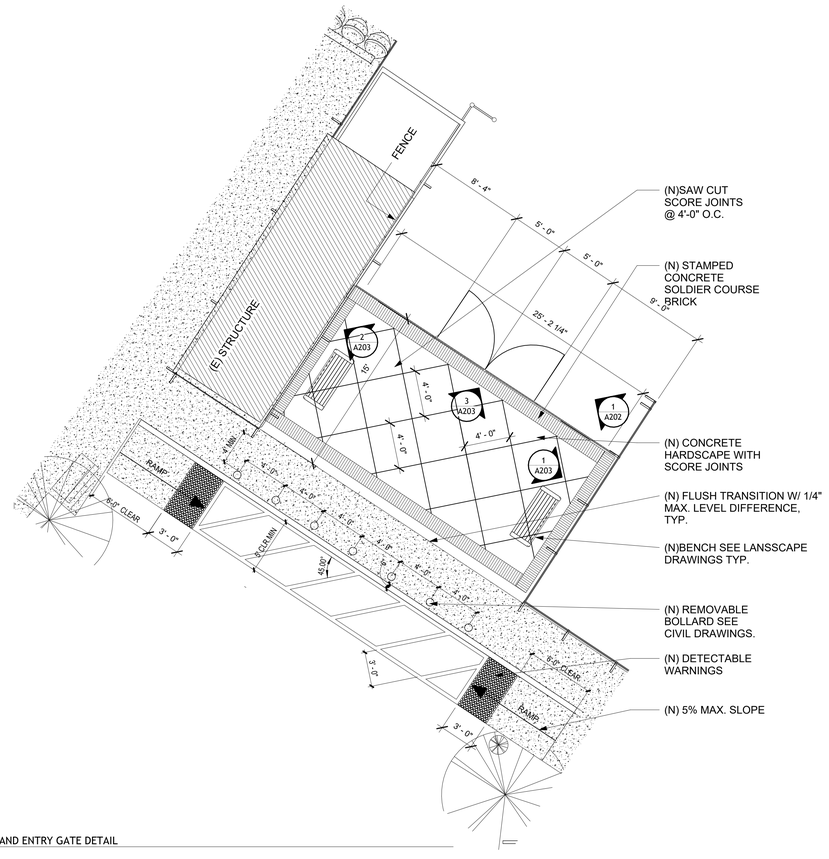
3 ENTRY GATE AND FENCE
3/4" = 1'-0"

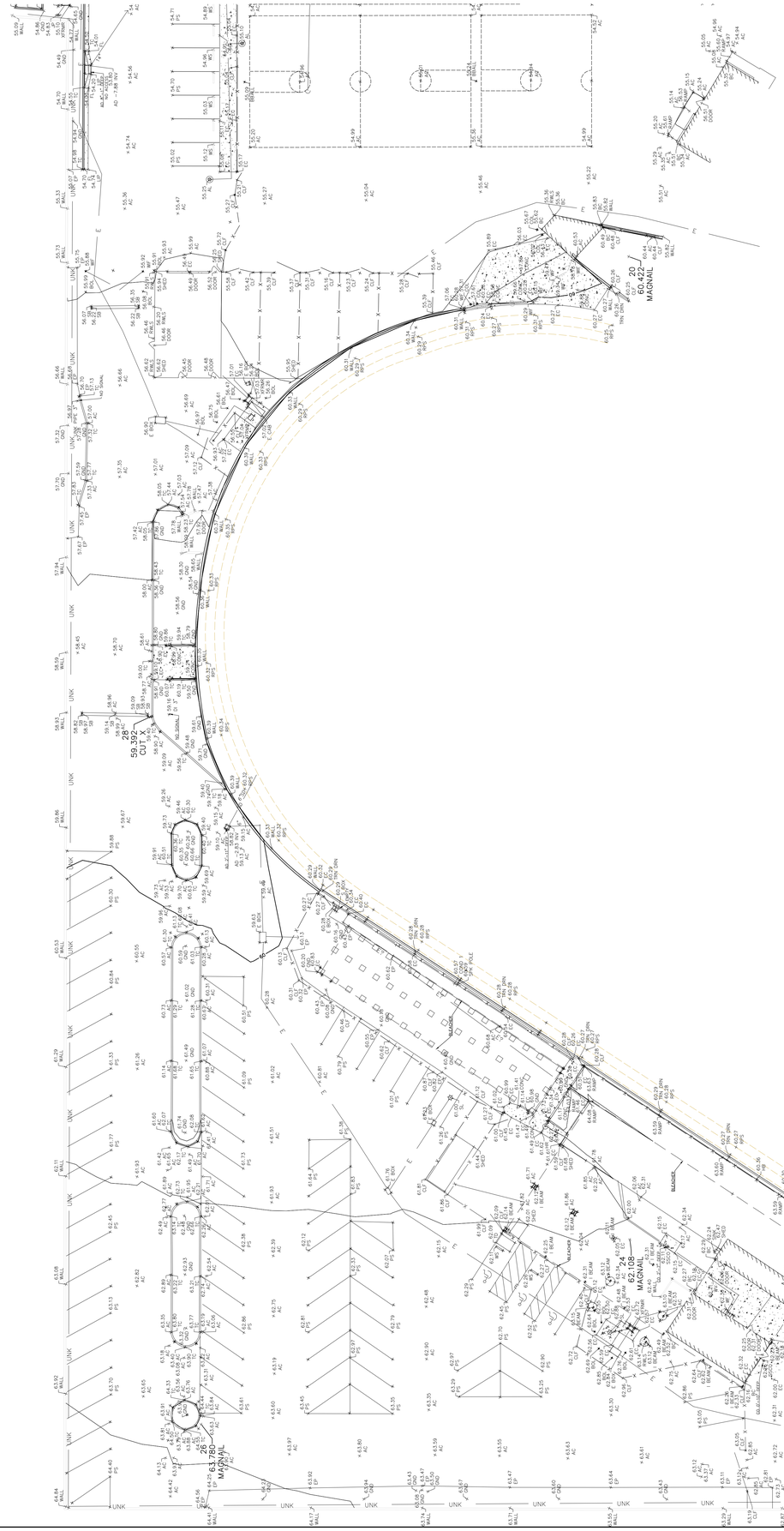


6 Top Rail Detail
1 1/2" = 1'-0"



5 Intermediate Connection
1 1/2" = 1'-0"


FENCE
(E) STRUCTURE
8'-4"
5'-0"
5'-0"
9'-0"
25'-2 1/4"
(N)SAW CUT SCORE JOINTS @ 4'-0" O.C.
(N) STAMPED CONCRETE SOLDIER COURSE BRICK
2 A203
1 A203
1 A202
1 A203
4'-0"
4'-0"
4'-0"
4'-0"
RAMP
5'-0"
6'-0" CLEAR
4'-10"
4'-0"
4'-0"
4'-0



ABBREVIATIONS

AC	ASPHALT
AD	AREA DRAIN
AL	AREA LIGHT
BBALL	BASKETBALL HOOP
BC	BUILDING CORNER
BOL	BOLLARD
CLF	CHAIN-LINK FENCE
COL	COLUMN
CONC	CONCRETE
COND	CONDUIT
DI	DROP INLET
E BOX	ELECTRIC BOX
E CAB	ELECTRIC CABINET
E VLT	ELECTRIC VAULT
EC	EDGE OF CONCRETE
EP	EDGE OF PAVEMENT
FL	FLOW LINE
G BOX	GAS BOX
GND	GROUND ELEVATION
HB	HOSE BIBB
HR	HAND RAILING
JP	JOINT POLE
LIP	LIP OF GUTTER
PS	PARKING STRIPE
RPS	RUBBERIZED PLASTIC SURFACE
RWLS	RAIN WATER LEADER – SURFACE RELEASE
S BOX	SIGNAL BOX
SB	SPEED BUMP
SL	STADIUM LIGHT
SPK	SPEAKER
SSCO	SANITARY SEWER CLEANOUT
TC	TOP OF CURB
TD	TRUNCATED DOME
TRN DRN	TRENCH DRAIN
UNK	UNKNOWN UTILITY
WF	WATER FOUNTAIN
WIF	WROUGHT IRON FENCE
WS	WHEEL STOP
XFRMR	TRANSFORMER

BENCHMARK

ELEVATION DATUM:
ELEVATIONS ARE BASED UPON GPS OBSERVATION = NAVD88

BENCHMARK:
AN ELEVATION OF 247.32', OF AN X SCRIBED IN THE SIDEWALK ALONG THE EASTERN ENTRANCE OF THE PROPERTY WAS USED AS THE BENCHMARK FOR THIS SURVEY.
NGVD88 DATUM

LEGEND

BUILDING LINE

CHAIN-LINK FENCE — x — x — x — x — x

HAND RAILING

UNDERGROUND ELECTRIC — E — E

UNDERGROUND SANITARY SEWER — SS — SS

UNDERGROUND STORM DRAIN — SD — SD

UNDERGROUND STREET LIGHT ELECTRIC — SLE — SLE

UNDERGROUND UNKNOWN UTILITY — UNK

UNDERGROUND WATER — W — W

WROUGHT IRON FENCE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE

RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: (650) 690 - 6639
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565

WWW.CHACONARCHITECTURE.COM

REGISTERED PROFESSIONAL ENGINEER — RODOLFO L. CHACON — No. 42618 — EXP. 3/30/26 — CIVIL — STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

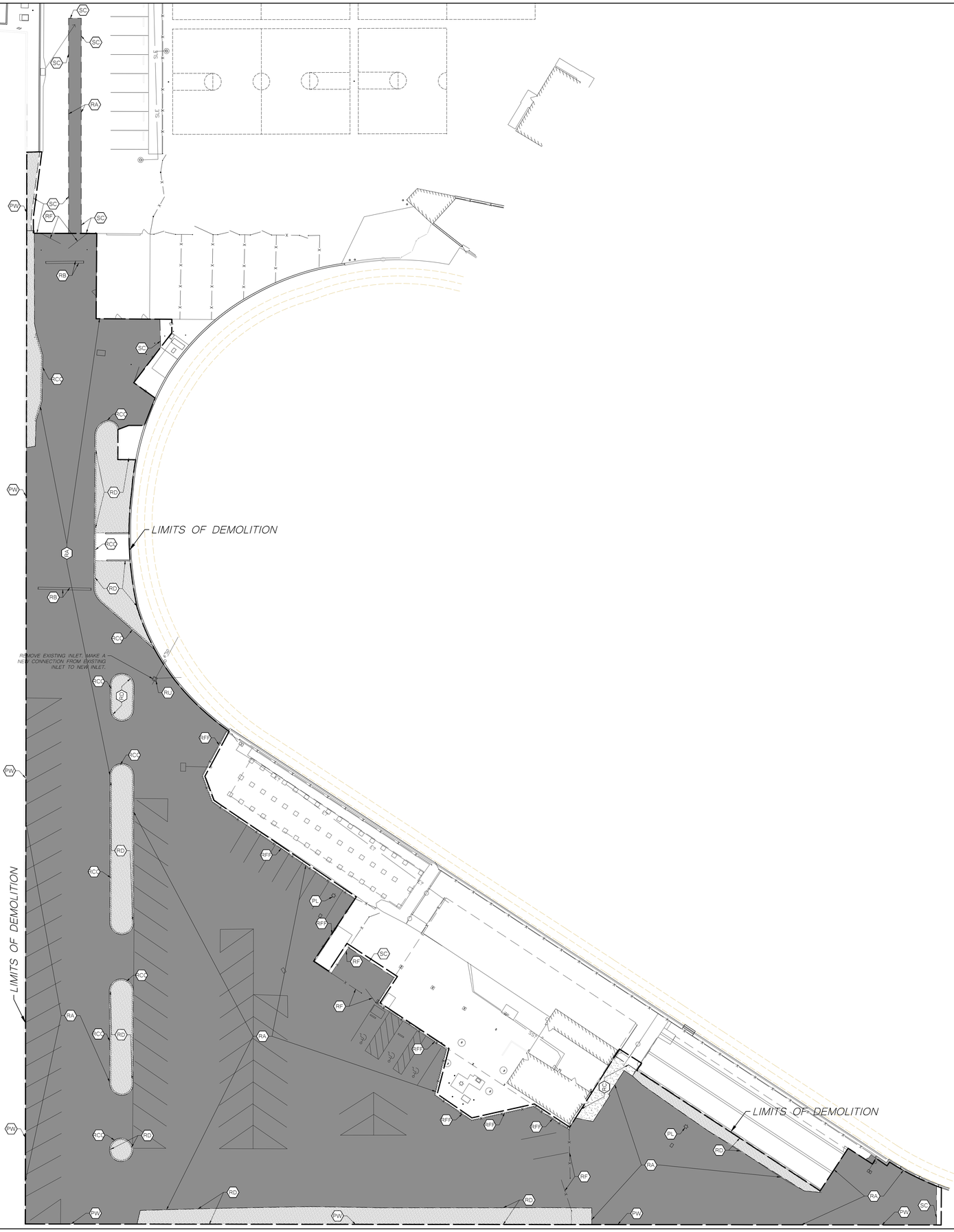
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE

TOPOGRAPHIC SURVEY

C1

PLOT DATE : 2025-08-07 P:\2025 PROJECTS\225-0181\DRAWINGS\PRODUCTION DRAWINGS\225-0181_TP.DWG



DEMOLITION LEGEND:

- RA — REMOVE ASPHALT CONCRETE PAVEMENT.
- RC — REMOVE CONCRETE SLAB.
- RD — REMOVE DIRT OR LANDSCAPE, 4" MIN.
- RCC — REMOVE CONCRETE CURB.
- RU — REMOVE EXISTING UTILITIES.
- RFF — REMOVE FENCING FABRIC, EXISTING POST TO REMAIN.
- RF — REMOVE FENCE, GATE, POST, AND FOOTING.
- RB — REMOVE SPEED BUMP.
- PW — PERIMETER CMU WALL TO BE PROTECTED.
- PL — PROTECT STADIUM LIGHT.
- SC — SAWCUT
- LIMITS OF DEMOLITION.
- LIMITS OF SAWCUT LINE.
- LIMITS OF ASPHALTIC CONCRETE REMOVAL.
- LIMITS OF CONCRETE IMPROVEMENTS REMOVAL.
- LIMITS OF VEGETATION REMOVAL.
- LIMITS OF REMOVAL.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL REVIEW ALL PLANS TO DETERMINE THE LOCATION AND LIMITS OF DEMOLITION.
2. THE CONTRACTOR SHALL PROTECT ALL EXISTING SITE IMPROVEMENTS, UTILITIES AND LANDSCAPE AREAS NOT SPECIFIED FOR DEMOLITION.
3. THE DEMOLITION LIMITS SHOWN ARE SCHEMATIC. THE CONTRACTOR SHALL DEMOLISH AS NECESSARY TO CONSTRUCT THE NEW IMPROVEMENTS SHOWN IN THESE PLANS.
4. THE LIMITS OF SAWCUT FOR EXISTING ASPHALT CONCRETE AND CONCRETE ARE SCHEMATIC. SAWCUT AND REMOVE AS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS. THE SAWCUT IN EXISTING CONCRETE SHALL BE A THE SCORE LINE. REMOVE CONCRETE IN PANELS AT SCORE LINES OR AT THE EXPANSION JOINTS.
5. THE CONTRACTOR SHALL LEGALLY DISPOSE OF ALL MATERIALS SPECIFIED FOR DEMOLITION.

Alan Mok, PE, PLS,
LEED AP
Principal

3433 W. SHAW AVENUE, SUITE #106
FRESNO, CALIFORNIA 93711
Tel: 559-432-6879
Fax: 559-432-6897
www.alanmokengineering.com

Alan Mok Engineering

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE

RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: (650) 690 - 6639
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565

WWW.CHACONARCHITECTURE.COM

REGISTERED PROFESSIONAL ENGINEER
ALAN K. MOK
No. 42618
EXP. 3/31/26
CIVIL
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

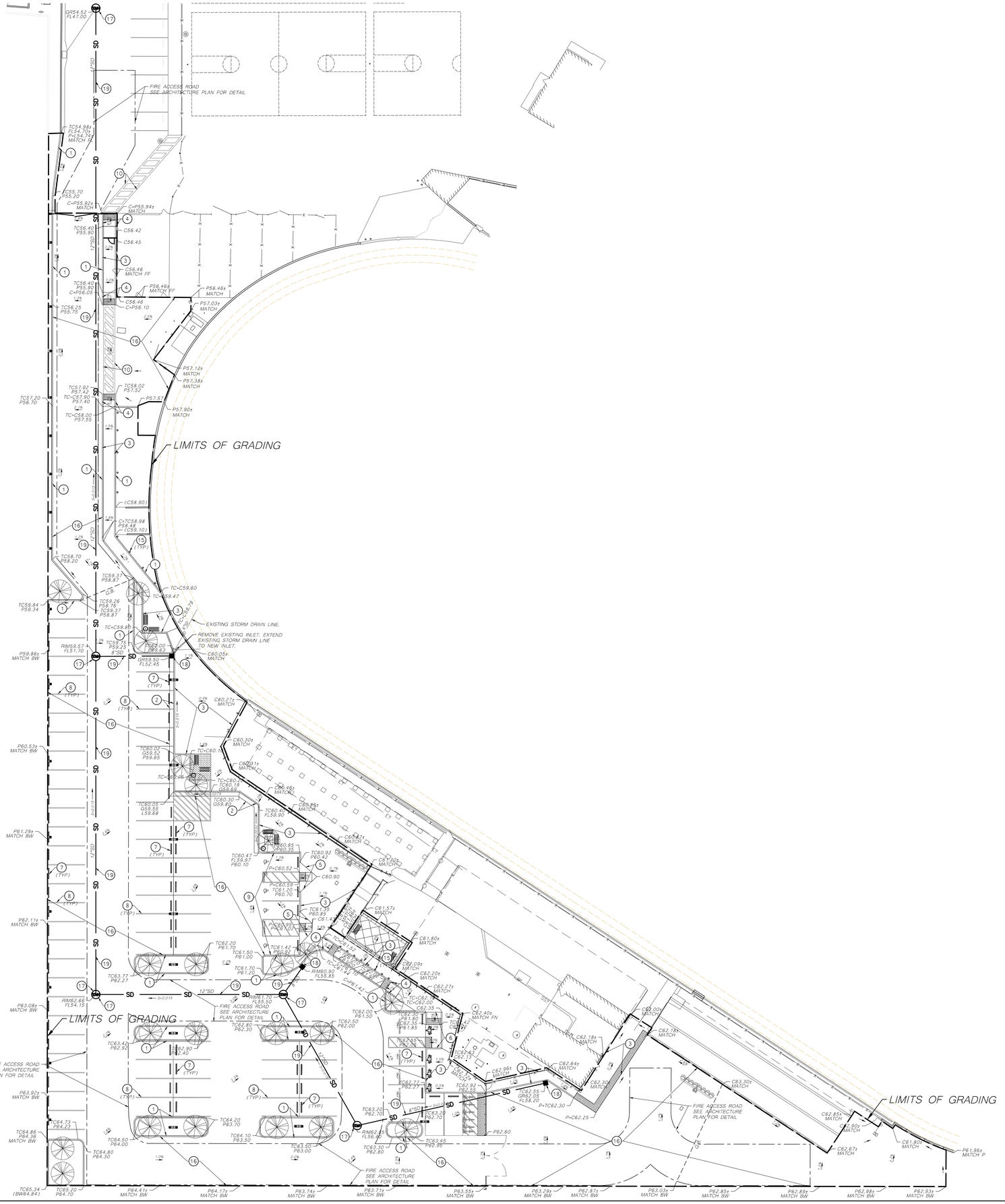
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE

DEMOLITION PLAN

C2

PLOT DATE : 2025-08-07 P:\2025 PROJECTS\225-0181\DRAWINGS\PRODUCTION DRAWINGS\225-0181_DE.DWG



GRADING AND DRAINAGE LEGEND:

C	CONCRETE
BW	BACK OF WALL
FG	FINISH GRADE
FL	FLOWLINE
FN	FENCE
G	GUTTER
G.B.	GRADE BREAK
GR	GRATE
L	LIPS OF GUTTER
P	PAVEMENT
→	DIRECTION OF DRAINAGE
1.2%	SURFACE SLOPE AND DIRECTION OF DRAINAGE
←S=0.0050	NEW FLOWLINE SLOPE AND DIRECTION OF FLOW
56.40	NEW GRADE
G.B.	GRADE BREAK
	NEW GUTTER OR SWALE FLOWLINE AND DIRECTION OF FLOW
	LIMITS OF GRADING
(1)	FURNISH AND INSTALL CONCRETE CURB PER DETAIL A/C4.
(2)	FURNISH AND INSTALL CONCRETE CURB AND GUTTER PER DETAIL B/C4.
(3)	CONSTRUCT CONCRETE SIDEWALK PER DETAIL C/C4.
(4)	CONSTRUCT ACCESSIBLE INLINE RAMP PER DETAIL D/C4.
(5)	CONSTRUCT ACCESSIBLE BASIC STRAIGHT CURB RAMP PER DETAIL E/C4.
(6)	CONSTRUCT ACCESSIBLE RAMP PER DETAIL F/C4.
(7)	FURNISH AND INSTALL CONCRETE WHEELSTOP PER DETAIL G/C4.
(8)	PAINT 4" WIDE WHITE PARKING STALL LINE PER DETAIL H/C4.
(9)	PAINT ACCESSIBLE STALL AND AISLE, AND PROVIDE ACCESSIBLE PARKING SIGN PER DETAIL IN ARCHITECTURAL PLAN. PAINT ISA SYMBOL PER DETAIL M/C4.
(10)	PAINT ACCESSIBLE CROSSWALK PER ARCHITECTURAL DETAIL PLAN.
(11)	NOT USED
(12)	NOT USED
(13)	FURNISH AND INSTALL STOP SIGN PER DETAIL N/C4.
(14)	PAINT DIRECTIONAL ARROW PER DETAIL O/C4.
(15)	FURNISH AND INSTALL REMOVABLE STEEL BOLLARD PER DETAIL P/C4.
(16)	PLACE 3"AC/8"AB/6"CNS PER DETAIL Q/C4.
(17)	FURNISH AND INSTALL STORM DRAIN MANHOLE PER DETAIL S/C4.
(18)	FURNISH AND INSTALL U23 INLET WITH TRAFFIC GRATE PER DETAIL R/C4.
(19)	FURNISH AND INSTALL 6" PVC, SDR-35 STORM DRAIN PIPELINE. SIZE AS NOTED.

EROSION AND SEDIMENT CONTROL:

COMPLY WITH THE CBC CALGREEN (TITLE 24, PART 11, SECTION 5.106); NOTE THERE IS NO SWPP PLAN OR STATE PERMIT REQUIRED, BUT COMPLIANCE WITH STORM WATER BMP'S BEST MANAGEMENT PRACTICES IS REQUIRED FOR ALL CONSTRUCTION SITES.

GRADING AND DRAINAGE NOTES :

1. THE "LIMITS OF GRADING" SHOWN ARE SCHEMATIC. THE CONTRACTOR SHALL CUT, FILL, BACKFILL, COMPACT, GRADE AND REGRADE AS NECESSARY TO PERFORM ALL NEW IMPROVEMENTS SHOWN ON THESE PLANS. AREAS BEYOND THE "LIMITS OF GRADING" DISTURBED BY THE ACTIVITIES OF THE CONTRACTOR AS PART OF THIS PROJECT SHALL BE REGRADED TO THE SATISFACTION OF THE OWNER.
2. THE CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING UTILITY BOXES, VAULTS AND MANHOLE COVERS AND FRAME TO MATCH ADJACENT FINISHED SURFACE GRADE WITHIN THE "LIMITS OF GRADING".
3. THE LOCATION AND ALIGNMENT OF THE STORM DRAIN SYSTEM IS SCHEMATIC. ADJUSTMENTS ARE TO BE MADE IN THE FIELD DUE TO EXISTING UTILITIES AND NEW IMPROVEMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT.
5. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER BEFORE COMMENCING ANY ADDITIONAL WORK, IF ANY ADDITIONAL UTILITIES OR SHOWN UTILITIES ARE FOUND, BEFORE COMMENCING DURING CONSTRUCTION WHICH MAY CONFLICT WITH PROPOSED UTILITY LOCATIONS AND/OR INVERTS.
6. OVER EXCAVATE AND REMOVE ALL LOOSE FILLS, DEBRIS AND ORGANIC MATTER TO ALLOW PROPER PREPARATION OF THE NATIVE GRADE FOR A PLACEMENT OF ENGINEERED/COMPACTED FILL.
7. AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POTHOLE AND LOCATE THE EXISTING UTILITY LINE FOR THE POINT OF CONNECTION. PROVIDE TO THE ENGINEER INFORMATION ON DEPTH, SIZE, PIPE MATERIAL AND LOCATION. ALLOW THE ENGINEER SUFFICIENT TIME TO REVIEW UTILITY INFORMATION FOR A POSSIBLE REVISION TO THE HORIZONTAL AND VERTICAL ALIGNMENT OF THE NEW UTILITY. THE CONTRACTOR IS NOT TO PROCEED WITH THE INSTALLATION OF THE NEW UTILITIES UNTIL APPROVED BY THE ENGINEER.

0 20' 40'

SCALE: 1" = 20'

Alan Mok, PE, PLS, LEED AP
Principal
3433 W. SHAW AVENUE, SUITE #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6878
Fax. 559-432-6897
www.alanmokengineering.com

Alan Mok Engineering

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: (650) 690 - 6639
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

REGISTERED PROFESSIONAL ENGINEER — ALAN K. MOK — No. 42618 — EXP. 3/31/26 — CIVIL — STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

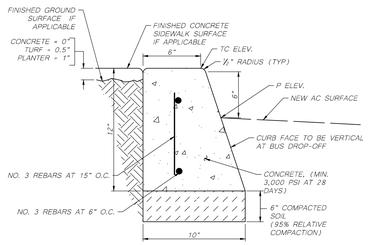
PROJECT NO:	PROJECT NUMBER
SUBMITTAL DATE:	

SHEET TITLE

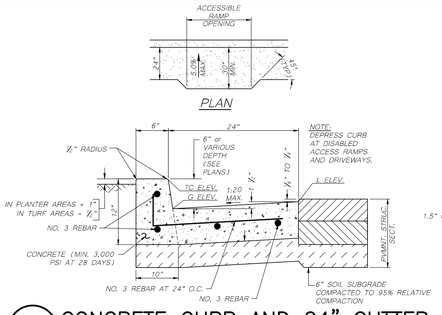
GRADING PLAN

C3

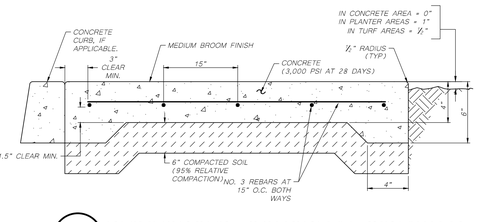
PLOT DATE: 2025-08-07 P:\2025 PROJECTS\225-0181\DRAWINGS\PRODUCTION DRAWINGS\225-0181_GR.DWG



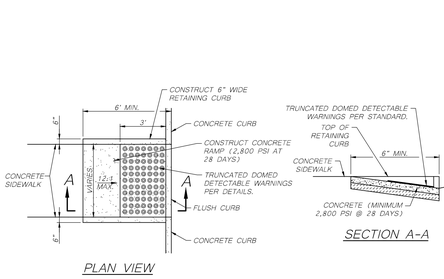
A CONCRETE CURB
NOT TO SCALE



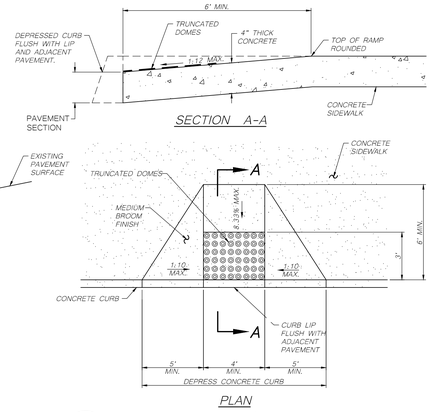
B CONCRETE CURB AND 24" GUTTER
NOT TO SCALE



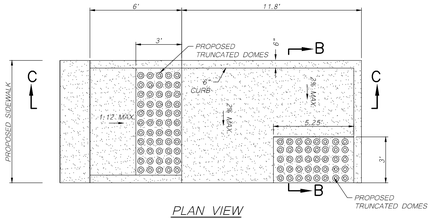
C REINFORCED CONCRETE SIDEWALK
NOT TO SCALE

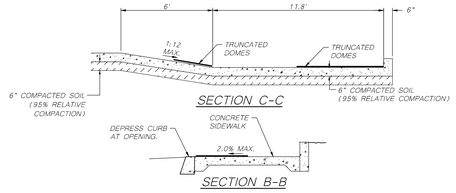


D ACCESSIBLE INLINE RAMP
NOT TO SCALE

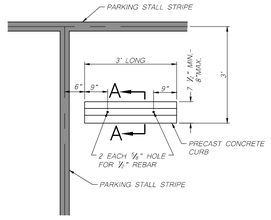


E CURB RAMP (CURB ONLY)
NOT TO SCALE

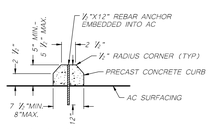


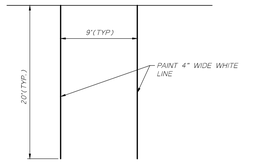


F INLINE ACCESSIBLE RAMP
NOT TO SCALE



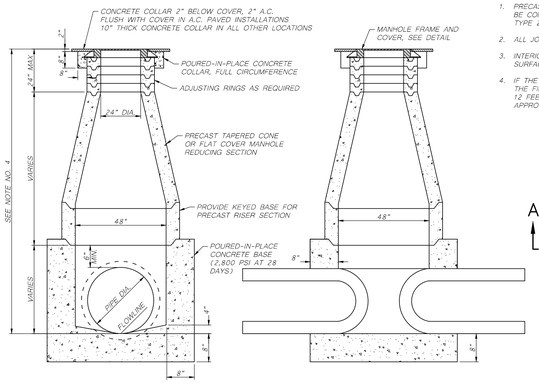
G CONCRETE WHEELSTOP
NOT TO SCALE





H PARKING STALL STRIPING
NOT TO SCALE

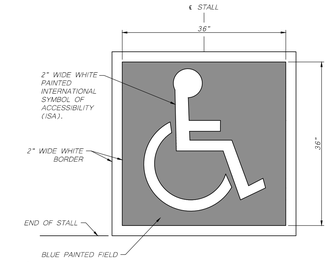
I NOT USED



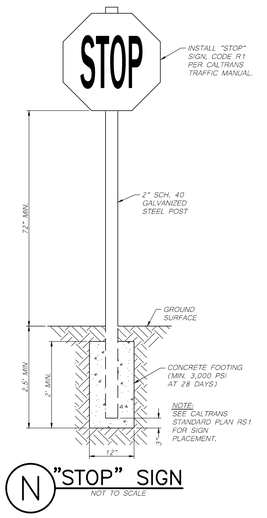
S STORM DRAIN MANHOLE STRUCTURE
NOT TO SCALE

K NOT USED
NOT TO SCALE

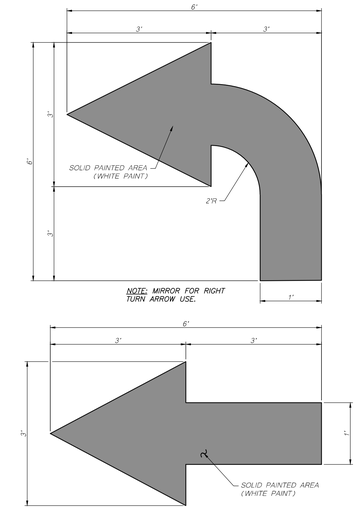
L NOT USED
NOT TO SCALE



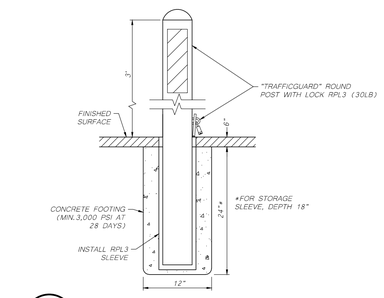
M PARKING STALL ISA SYMBOL
NOT TO SCALE



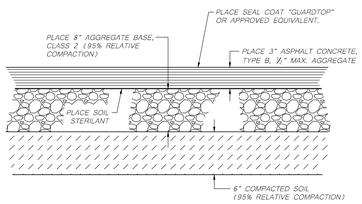
N "STOP" SIGN
NOT TO SCALE



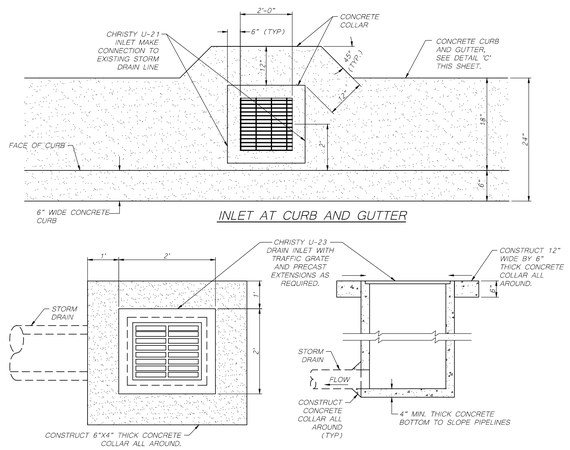
O PAVEMENT DIRECTIONAL ARROW
NOT TO SCALE



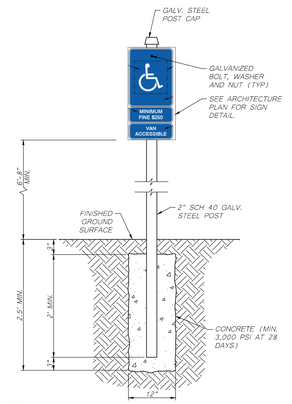
P REMOVABLE BOLLARD
NOT TO SCALE



Q PAVEMENT SECTION
3"AC/8"AB/6"CNS
NOT TO SCALE



R CHRISTY U-21, U-23 INLET
NOT TO SCALE



J ACCESSIBLE PARKING SIGN
NOT TO SCALE

Alan Mok, PE, PLS, LEED AP
Principal
3433 W. SHAW AVENUE, SUITE #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6879
Fax. 559-432-6887
www.alanmokengineering.com

Alan Mok Engineering

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: (650) 690 - 6639
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

REGISTERED PROFESSIONAL ENGINEER — RODOLFO L. MORALES — No. 42618 — EXP. 1/31/26 — CIVIL — STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

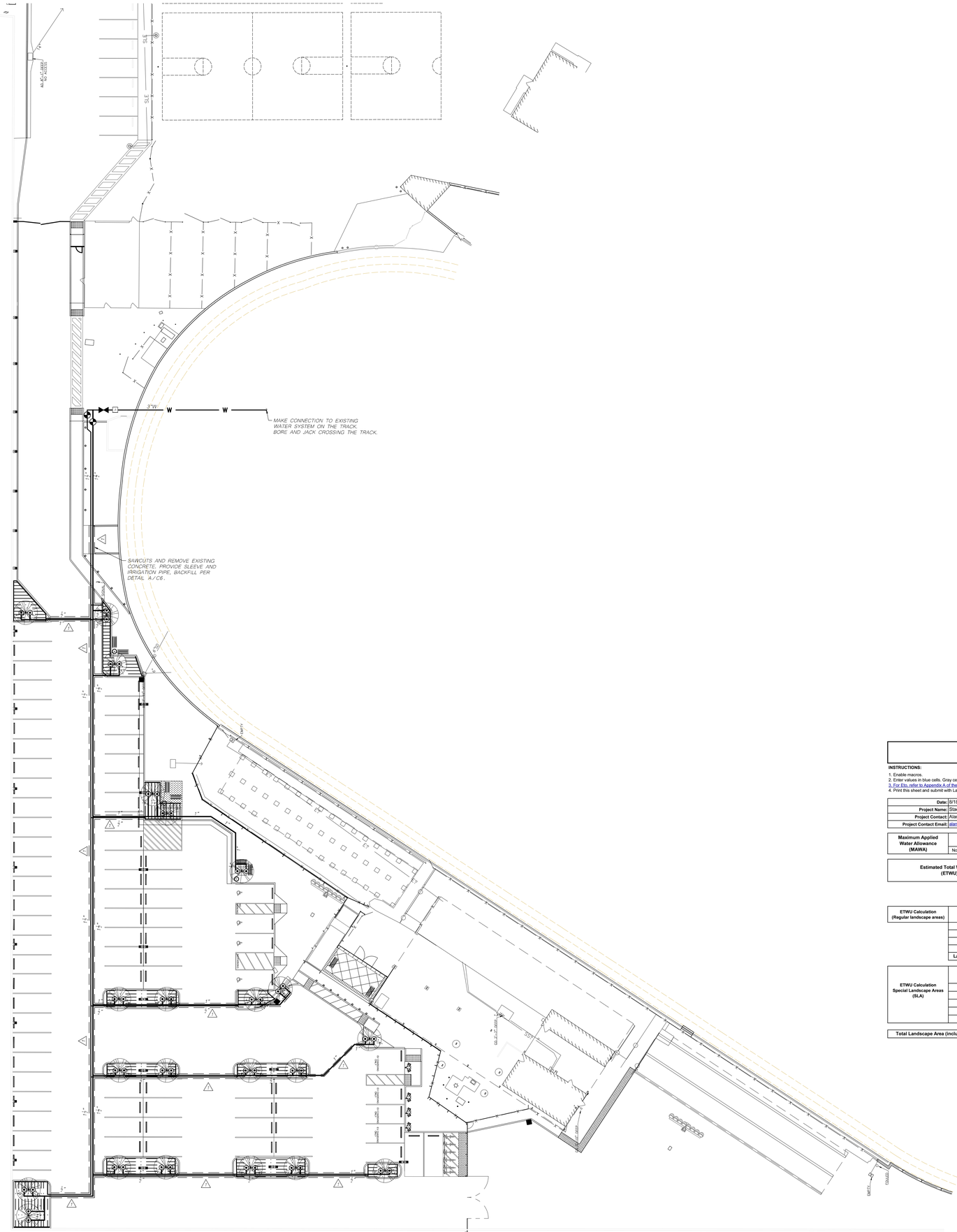
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE

DETAILS

C4

PLOT DATE: 2025-08-07 P:\2025 PROJECTS\225-0181\DRAWINGS\PRODUCTION DRAWINGS\225-0181_DT.DWG



IRRIGATION LEGEND:

- HUNTER MODEL RZWS-18-25-SLEEVE ROOT ZONE WATERING SYSTEM WITH FILTER FABRIC SLEEVE (0.25 GPM) OR APPROVED EQUIVALENT PER DETAIL B/C6.
- 1½" — CLASS 200 IPS PVC RUBBER GASKETED IRRIGATION MAIN LINE WITH DUCTILE IRON FITTINGS, SIZE AS NOTED.
- 1" — SCHEDULE 40 PVC SOLVENT WELD IRRIGATION LATERAL LINE, SIZE AS NOTED. IRRIGATION SLEEVE
- DRIP LINES.
- W 3"W — WATER MAIN LINE.
- HUNTER ICV REMOTE CONTROL VALVE WITH ICD-100 SINGLE STATION DECODER WITH DECSTAKE-10 AND CHRISTY B16 CONCRETE UTILITY BOX AND LID OR APPROVED EQUIVALENT PER DETAIL D/C6.
- 4" RESILIENT WEDGE GATE VALVE WITH 2" OPERATING NUT AND CHRISTY G5 VALVE BOX PER DETAIL C/C6.
- FURNISH AND INSTALL HUNTER A2C-75D-M TWO WIRE DECODER CONTROLLER WITH ACC-PED GRAY METAL PEDESTAL WITH A2C-LTEM CELLULAR COMMUNICATION MODULE (4G LTE) WITH 10 YEAR SERVICE PLAN AND WSS-SEN SOLAR SYNC SENSOR, WIRELESS, INCLUDES RECEIVER AND MOUNT OR APPROVED EQUIVALENT PER DETAIL D/C6. SECURE 120 VAC POWER FROM WATERTRONICS VFD PUMP AND PROVIDE DISCONNECTION SWITCH WITH GFI PROTECTION IN CONTROLLER PEDESTAL. ALL WORK TO COMPLY WITH CALIFORNIA ELECTRICAL CODE.
- IRRIGATION SLEEVE: 1-6"Ø SDR 35 PVC PIPE AND 1-SCH 40 PVC PIPE
- 1 / 1 — NEW SITE VALVE NUMBER / NEW IRRIGATION VALVE SEQUENCE NUMBER
  1" / 15 — NEW VALVE SIZE IN INCHES / APPROXIMATE FLOW IN GPM

GENERAL IRRIGATION NOTES:

1. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE CITY OF FRESNO INSPECTOR. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY AT NO EXPENSE TO THE OWNER.
2. SPLICING OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE. LABEL ALL WIRES W/WATERPROOF MARKERS AT ALL SPLICES, VALVE MANIFOLDS AND AT CONTROLLER.
3. INSTALL VALVE BOXES 4" FROM, AND PERPENDICULAR TO, PATH EDGES, CURBS, LAWNS, BUILDINGS OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, ETC. AND EACH BOX SHALL BE 6" APART. SHORT SIDE OF THE VALVE BOX SHALL BE PARALLEL TO WALK CURB, LAWN, ETC. FLUSH VALVES SHALL BE PLACED 2" FROM WALK.
4. CONTRACTOR IS RESPONSIBLE FOR THE BACKFLOW UNIT TO BE TESTED AND CERTIFIED BY THE CITY OF CHOWCHILLA. WRITTEN REPORT IS DUE TO THE CITY OF CHOWCHILLA INSPECTOR AT THE END OF THE MAINTENANCE PERIOD.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL MATERIAL APPEARING ON THE PLANS OR AS NECESSARY TO COMPLETE THE PROJECT.
6. CONCRETE THRUST BLOCKS SHALL BE PROVIDED ON ALL MAINLINE PIPING. THEY ARE TO BE LOCATED AT ALL ABRUPT CHANGES IN PIPELINE GRADE, CHANGES TO HORIZONTAL ALIGNMENT, REDUCTION IN PIPE SIZES, END OF LINE AND IN-LINE VALVES TO ABSORB ANY AXIAL THRUST OF THE PIPE. THE PIPE MANUFACTURERS RECOMMENDATIONS FOR THRUST BLOCKS MUST BE FORMED AGAINST UNDISTURBED EARTH.
7. ALL MAINLINE PIPES SHALL BE PRESSURE TESTED PER STANDARD IRRIGATION SPECIFICATIONS WITHOUT THE VALVES INSTALLED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NEEDED. MINIMUM OF 5 PSI LOSS ALLOWED PER 4 HOUR TEST PERIOD AS INSPECTED BY THE INSPECTOR. IF ANY LEAKS DEVELOP, THE REPAIRS ARE TO BE MADE AND TEST REPEATED UNTIL THE SYSTEM IS PROVEN WATERTIGHT. THE CONTRACTOR IS TO CENTER LOAD THE PIPE AND LEAVE ALL JOINTS EXPOSED FOR INSPECTION. THE PRESSURE TEST SHALL BE OBSERVED APPROVED BY THE INSPECTOR. WHEN THE PIPE IS PROVEN WATERTIGHT AND ONLY THEN MAY THE LINE BE BACKFILLED.
8. SLEEVES INSTALLED IN ROADWAYS SHALL BE OF RIGID GALVANIZED CONDUIT (RGC) OR SCHEDULE 40 PVC WITH SOME MEANS OF PIPE DETECTION.
9. CONTRACTOR TO PROVIDE IRRIGATION EQUIPMENT:
   a) 4 WATER VALVE KEYS FOR 2" OPERATING NUT
   b) 8 HUNTER HK444 9" ACME KEYS WITH HS2 1" INLET AND 1" OUTLET SWIVEL HOSE ELBOW.

WELO
Water Budget and Water Use Calculator

INSTRUCTIONS:
1. Enable macros.
2. Enter values in blue cells. Gray cells will automatically fill.
3. For ETo, refer to Appendix A of the ordinance, available here: https://www.water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency
4. Print this sheet and submit with Landscape Document Package for the Comprehensive Performance Compliance Pathway.

Date:	8/18/2025
Project Name:	Stadium Parking Lot
Project Contact:	Alan Mok
Project Contact Email:	alan@alanmokengineering.com

Maximum Applied Water Allowance (MAWA)	Project Type	ETo	ETAF	Special Landscape Area (SLA)	Total Landscape Area including SLA	MAWA (gal/yr)	
	Non-residential	45.3	0.45	-	2,264	**28,615**	MAWA =[(ETo) * (0.62) *[(ETAF*LA) + ((1-ETAF) * SLA)].

Estimated Total Water Use (ETWU)	ETo	(SF * PF) / IE	SLA	ETWU (gal/yr)	
	45.3	839	-	**23,552**	ETWU =[(ETo) * (0.62) *[(PF*SF/IE) + SLA]
Difference between MAWA and ETWU				**5,064**	**Project meets water budget.**

ETWU Calculation (Regular landscape areas)	Zone #	Description	Select Irrigation	Square Feet (SF)	Plant Factor (PF)	Irrigation Efficiency (IE)	(SF * PF) / IE
	1	Grass	Spray	0	0.00	0.75	0
	2	Planter	Drip	2,264	0.30	0.81	839
	3	Planter	Drip	0	0.00	0.81	0
	4	Planter	Drip	0	0.00	0.81	0
	Landscape area (not including SLA)			**2,264**			**839**

ETWU Calculation Special Landscape Areas (SLA)	Description	Square Feet (SF)	Plant Factor / Irrigation Efficiency (PF/IE)	(SF * PF) / IE
	Edible planting area	0	1.0	-
	Multi-use and sports field turf area	0	1.0	-
	Area irrigated with recycled water	0	1.0	-
	Pool	0	1.0	-
	Total SLA	**0**		**0**

Total Landscape Area (including SLA) from ETWU Calculation	**2,264**

Alan Mok, PE, PLS, LEED AP
Principal
3433 W. SHAW AVENUE, SUITE #106
FRESNO, CALIFORNIA 93711
Tel: 559-432-6878
Fax. 559-432-6897
www.alanmokengineering.com
Alan Mok Engineering

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: (650) 690 - 6639
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

REGISTERED PROFESSIONAL ENGINEER
RALPH K. MOK
No. 42618
EXP. 3/31/26
CIVIL
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

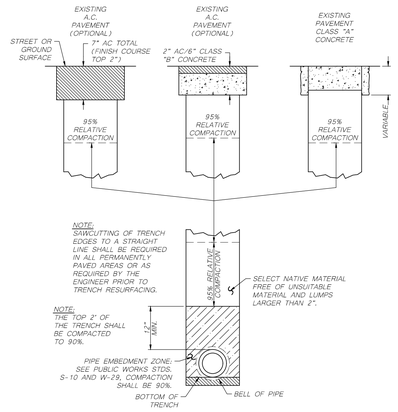
PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE

IRRIGATION PLAN

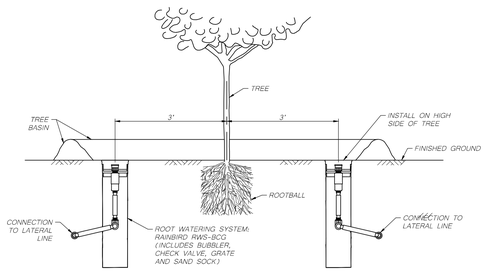
C5

PLOT DATE: 2025-08-07 P:\2025 PROJECTS\225-0181\DRAWINGS\PRODUCTION DRAWINGS\225-0181_IRR.DWG



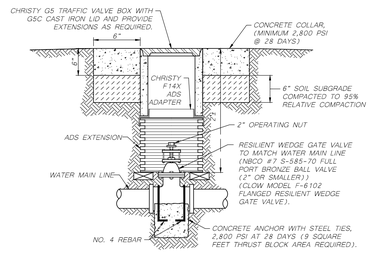
A TRENCH BACKFILL AND SURFACE REPLACEMENT

NOT TO SCALE



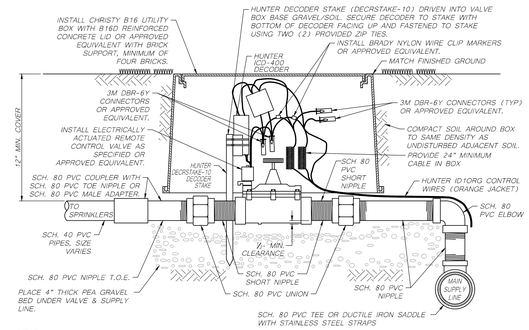
B TREE BUBBLER

NOT TO SCALE



C GATE VALVE AND TRAFFIC LID

NOT TO SCALE

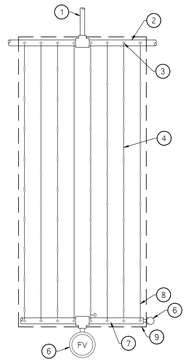


D TYPICAL IRRIGATION VALVE INSTALLATION WITH HUNTER DECODER

NOT TO SCALE

DRIP LINE LEGEND:

1. PVC LATERAL LINE FROM DRIP ZONE KIT.
2. PVC SUPPLY MANIFOLD.
3. TORO DL2000 MANIFOLD-TO-ELBOW CONNECTION (TYP).
4. TORO DL2000 DRIPLINE LATERAL (RGP-412).
5. TORO DL2000 AIR/VACUUM RELIEF VALVE (YD-500-34).
6. TORO DL2000 AUTOMATIC FLUSH VALVE (FCH-H-PIPT) PLUMBED TO FLUSH MANIFOLD AT LOW POINT.
7. 1" PVC FLUSH MANIFOLD
8. PERIMETER LATERALS 2" TO 4" FROM EDGE.
9. AREA PERIMETER.



E TYPICAL DRIP LAYOUT

NOT TO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: (650) 690 - 6639
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

REGISTERED PROFESSIONAL ENGINEER
RODOLFO L. K. MOK
No. 42618
EXP. 1/31/26
CIVIL
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

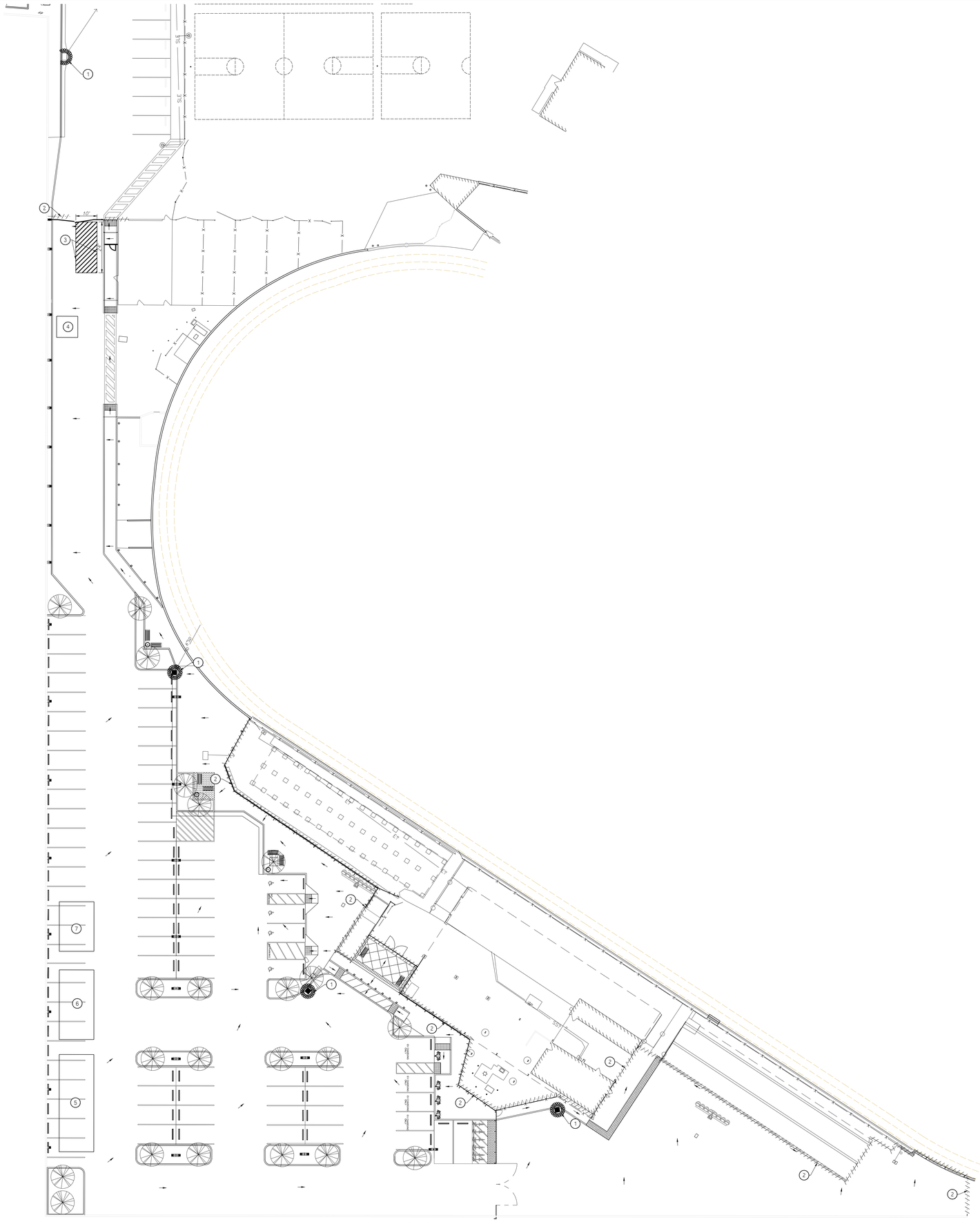
SHEET TITLE

IRRIGATION DETAIL

C6

Alan Mok, PE, PLS,
LEED AP
Principal
3433 W. SHAW AVENUE, SUITE #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6879
Fax. 559-432-6897
www.alanmokengineering.com
Alan Mok Engineering

PLOT DATE: 2025-08-07 P:\2025 PROJECTS\225-0181\DRAWINGS\PRODUCTION DRAWINGS\225-0181_IRR_DT.DWG



SWPPP LEGEND:

- STABILIZED ENTRANCE/EXIT
- DIRECTION OF FLOW
- STORM DRAIN PROTECTION
- -/-/-/-/-/-/-/-/- SILT FENCE
- (1) INSTALL STORM DRAIN INLET AND/OR CATCH BASIN PROTECTION. (ALSO APPLY TO NEARBY INLET)
- (2) INSTALL SILT FENCE/PERIMETER CONTROL.
- (3) INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- (4) CONCRETE WASHOUT.
- (5) EQUIPMENT STORAGE.
- (6) MATERIAL STORAGE.
- (7) STOCKPILE STORAGE.

SWPPP NOTES:

(PARTIAL BMP LIST, SEE SWPPP FOR FULL DESCRIPTION OF BMPs)

1. IN ADDITION TO THE BMPs DEPICTED HEREON, THE CONTRACTOR SHALL SELECT, IMPLEMENT AND MAINTAIN AN EFFECTIVE COMBINATION OF BOTH SEDIMENT AND EROSION CONTROL BMPs THROUGHOUT THE LIFE OF THE PROJECT. REFER TO SWPPP APPENDIX FOR BMP DETAILS. (ADDITIONAL BMPs MAY INCLUDE SANDBAGS, FIBER ROLLS, SILT FENCE, HYDROSEEDING, ETC.)
2. INLET PROTECTION SHALL BE PROVIDED BY THE CONTRACTOR AS SHOWN IN SE-10. REFER TO SWPPP APPENDIX FOR BMP DETAILS.
3. STREET SURFACE SHALL BE SWEPT BY THE CONTRACTOR AS REQUIRED IN THE SWPPP.
4. THE LOCATIONS OF THE FOLLOWING FEATURES SHALL BE ADDED TO THE "PROGRESS MAP", AS THE LOCATIONS CHANGE, THE FOLLOWING SHALL BE UPDATED ACCORDINGLY:
   - -SOIL OR WASTE STORAGE
   - -VEHICLE STORAGE AND SERVICE
   - -CONST. MATERIAL LOADING, UNLOADING AND ACCESS
   - -EQUIPMENT STORAGE, CLEANING AND MAINTENANCE
   - -STABILIZE CONSTRUCTION ENTRANCE
   - -SITE BMP'S IN USE
5. REFER TO THE CONSTRUCTION DRAWINGS FOR MORE DETAIL.
6. EXACT LOCATIONS OF PERIMETER SEDIMENT CONTROL BMPs SHALL BE COORDINATED WITH THE PROJECT INSPECTOR PRIOR TO INSTALLATION OR REMOVAL. (PERIMETER CONTROL EXAMPLES MAY INCLUDE FIBER ROLLS, SILT FENCE, SANDBAGS, ETC).
7. DISTURB AREA: 1.41 ACRES

Alan Mok, PE, PLS,
LEED AP
Principal
3433 W. SHAW AVENUE, SUITE #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6879
Fax. 559-432-6887
www.alanmokengineering.com

Alan Mok Engineering

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE

RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: (650) 690 - 6639
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565

WWW.CHACONARCHITECTURE.COM

REGISTERED PROFESSIONAL ENGINEER
RODOLFO L. CHACON
No. 42618
EXP. 3/31/26
CIVIL
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE

SWPPP

C7

PLOT DATE: 2025-08-07 P:\2025 PROJECTS\225-0181\DRAWINGS\PRODUCTION DRAWINGS\225-0181_SWPPP.DWG

MEP ANCHORAGE BRACING NOTE

MEP COMPONENT ANCHORAGE NOTE:

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 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 110/220 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 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 HAVE 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 THE 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 THE AABOVE 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 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHAT BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOB SITE 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 SYSTEM (E):

MP [ ] MD [ ] PP [ ] E [ ] OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS

MP [ ] MD [ ] PP [ ] E [x] OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM#) # OPM-0052-13

TRENCHING AND EXCAVATION NOTES

1. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CALL UNDERGROUND SERVICE ALERT "USA" BEFORE THE COMMENCEMENT OF ANY EXCAVATION. EACH CONTRACTOR SHALL HAVE THEIR OWN USA TICKET NUMBER FOR EACH PROJECT LOCATION AND SHALL NOT RIDE ON ANY OTHER CONTRACTORS TICKET. CONTRACTOR SHALL NOTIFY THE OWNER 72 HOURS PRIOR TO EXCAVATION.
2. THIS CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING NECESSARY FOR THE INSTALLATION OF EQUIPMENT AND MATERIALS. ALL PATCHING SHALL ACCURATELY MATCH THE ADJOINING WORK.
3. THIS CONTRACTOR SHALL DO EXCAVATING REQUIRED FOR THE INSTALLATION OF THE WORK. UNDERGROUND LINES OUTSIDE THE BUILDINGS SHALL BE INSTALLED WITH A MINIMUM OF 24" OF COVER, EXCEPT DEPTH OF UTILITY SERVICES SHALL COMPLY WITH RESPECTIVE UTILITY COMPANY REQUIREMENTS.
4. BEFORE COMPACTION, MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE OPTIMUM MOISTURE CONTENT. COMPACT EACH LAYER TO REQUIRED PERCENTAGE OF MAXIMUM DRY DENSITY OR RELATIVE DRY DENSITY FOR EACH AREA CLASSIFICATION. DO NOT PLACE BACKFILL OR FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST OR ICE.
5. STRUCTURES, BUILDING SLABS, WALKWAYS, AND STEPS: COMPACT TOP 6" OF SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL AT 95% MAXIMUM RELATIVE COMPACTION.
6. COMPACT TOP 6" OF SUBGRADE MATERIAL AT 85% RELATIVE COMPACTION.
7. COMPACT TOP 6" OF SUBGRADE IMMEDIATELY BENEATH THE BASE COURSE AT 95% MINIMUM RELATIVE COMPACTION.
8. ANY SURPLUS EXCAVATION RESULTING FROM THESE EXCAVATIONS SHALL BE HAULED OFF.
9. AFTER ALL TRENCHES HAVE BEEN TAMPED IN, RAKE OUT ALL HIGH AND LOW AREAS ALONG THE TRENCH LINE. ALL CLODS AND SOLID ROCKS EXPOSED ON THE SURFACE AS A RESULT OF THE EXCAVATION SHALL BE BROKEN DOWN AND OR CLEANED UP. ALL TRENCH LINES SHALL BE RAKED LEVEL WITH EXISTING GRADE.
10. ELECTRICAL, NETWORK, OR DATA CONDUIT SHALL NOT BE RUN IN EXCAVATIONS PROVIDED FOR PLUMBING OR HEATING PIPES, UNLESS SEPARATED BY A MINIMUM OF 12 INCHES.
11. PATCH ALL TRENCHED AREAS TO MATCH EXISTING.
12. HAND EXCAVATE IN AREAS WHERE TRENCHING IS DIFFICULT DUE TO STRUCTURAL OBSTRUCTIONS OR EXISTING UNDERGROUND CONDUIT.
13. THE CONTRACTOR SHALL WALK THE SITE WITH THE DISTRICT TO IDENTIFY ALL EXISTING CONDUITS AND PIPES.
14. CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A SOILS LAB TO TEST FOR THE COMPACTION OF THE BACKFILL. A SOILS PROFILE SHALL BE DONE OF THE EXCAVATED NATIVE TRENCHED DIRT SO THE COMPACTION TEST CAN BE COMPARED WITH THE NATIVE DIRT PROFILE. THE CONTRACTOR SHALL PROVIDE ALL COMPACTION OF THE TRENCH REQUIRED TO MEET A 95% COMPACTION REQUIREMENT. AN INSPECTED AND SIGNED OFF COMPACTION TESTING REPORT SHALL BE PROVIDED BY THE SOILS TESTING LAB AND COPY OF THE COMPACTION TEST SHALL BE PROVIDED TO THE ENGINEER OF RECORD/PROJECT COORDINATOR PRIOR INSTALLING THE HARDSCAPE. THE CONTRACTOR SHALL WILL BE REQUIRED TO PAY FOR ALL TESTS UNTIL THE COMPACTION RESULTS MEET OR EXCEED THE COMPACTION TEST.
15. CONTRACTOR TO CONDUCT GROUND PENETRATING RADAR STUDY AND IT SHALL BE PERFORMED ALONG THE ENTIRE TRENCHING PRIOR TO ANY TRENCHING WORK.
16. NON-UTILITY UNDERGROUND ELECTRICAL CONDUITS SHALL HAVE 6 INCHES MINIMUM DISTANCE FROM WET UTILITIES. CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES.

120V BRANCH CIRCUIT VOLT DROP CONDUCTOR LENGTH CHART

LOAD IN VOLT AMPERES	LENGTH OF CONDUCTOR WIRE SIZE IN (GAUGE)				
	#12	#10	#8	#6	#4
1200VA	74	121	183	284	434
1560VA	57	93	141	218	334
1800VA	49	81	122	189	289
1920VA	46	76	115	178	271
2340VA	X	62	94	146	223
2880VA	X	51	76	118	181
3000VA	X	48	73	114	174
3900VA	X	X	56	87	134
4800VA	X	X	46	71	108

NOTES:
1. THIS CHART IS FOR COPPER CONDUCTORS ONLY.
2. THIS CHART ASSUME AN 80% POWER FACTOR AND STEEL RACEWAYS.
3. 2022 CALIFORNIA ENERGY CODE, 130.5(c) ALLOWS A MAXIMUM COMBINED VOLTAGE DROP OF 5%. THIS CHART ASSUMES A MAXIMUM LENGTH OF CONDUCTORS FOR LESS THAN 2% VOLTAGE DROP ON A BRANCH CIRCUIT AT GIVEN VA LOAD.
4. USE WIRE SIZE FROM THIS CHART UNLESS LARGER CONDUCTOR SIZES ARE NOTED ON THE DRAWINGS.
5. FOR VA VALUES NOT SHOWN USE NEXT HIGHEST VALUE FROM VALUE FROM THE CHART.

ELECTRICAL EQUIPMENT NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF ELECTRICAL EQUIPMENT, DEVICES AND WIRING. SEE SECTION 260000 OF THE SPECIFICATIONS.
2. FOR THE EXACT LOCATION OF ELECTRICAL EQUIPMENT AND DEVICES SEE THE ARCHITECTURAL ELEVATIONS, DETAILS AND DIMENSIONS SHOWN ON THE DRAWINGS.

STANDARD SYMBOL LEGEND

- FLUORESCENT FIXTURE- APPROXIMATELY TO SCALE.
- FIXTURE WITH EMERGENCY BATTERY BACK-UP UNIT - SEE TYPICAL WIRING DETAIL.
- EMERGENCY LIGHT WALL PACK.
- FIXTURE OUTLET - WALL OR CEILING MOUNTED. '3' INDICATES CIRCUIT, 'a' INDICATES SWITCH CONTROL.
- EXIT LIGHTS- CEILING OR WALL MOUNTED, ARROW(S) INDICATES DIRECTION.
- LOW LEVEL EXIT MARKER, SELF ILLUMINATING TYPE. ACTIVE SAFETY #14.000, FINISH AS SELECTED BY ARCHITECT.
- LOW LEVEL EXIT MARKER, SELF ILLUMINATING TYPE WITH KICKPLATE. ACTIVE SAFETY #18.000, FINISH AS SELECTED BY ARCHITECT.
- FIXTURE DESIGNATOR- ' #' INDICATES FIXTURE TYPE.
- SPST TOGGLE WALL SWITCH - 20A, 120/277V, 'a' INDICATES CONTROL.
- DPST TOGGLE WALL SWITCH - 20A, 120/277V.
- 3-WAY TOGGLE WALL SWITCH - 20A, 120/277V.
- 4-WAY TOGGLE WALL SWITCH - 20A, 120/277V.
- SPDT MOMENTARY CONTACT TOGGLE SWITCH- 20A, 120/277V.
- SPST KEYED SWITCH- 20A, 120/277V.
- THERMAL RATED SNAP SWITCH FOR CONTROLLING FRACTIONAL HORSEPOWER MOTORS.
- LOW VOLTAGE LIGHTING RELAY CONTROL SWITCH
- PROVIDE WALL OR CEILING MOUNTED LIGHTING MOTION SENSOR. PROVIDE POWER PACK FOR COMPLETE OPERATIONAL SYSTEM. SEE TYPICAL DETAILS.
- PHOTO CELL- CEILING OR WALL MOUNTED.
- CEILING OR WALL MOUNTED JUNCTION BOX
- PULLBOX(S)- SIZE AND NUMBER AS INDICATED.
- FAN.
- THERMOSTAT.
- TIME CLOCK.
- SINGLE RECEPTACLE- 20A, 120V & GROUND.
- RECEPTACLE, DUPLEX- 20A, 120V & GROUND.
- RECEPTACLE, DUPLEX- WITH ONE-HALF SWITCHED.
- RECEPTACLE, DUPLEX - WITH GFCI PROTECTION IN WEATHERPROOF HOUSING.
- RECEPTACLE, DUPLEX- WITH GFCI PROTECTION.
- RECEPTACLE, 50A, 3-WIRE, 250V.
- RECEPTACLE, DOUBLE DUPLEX- (2)20A, 120V & GROUND.
- RECEPTACLE, DOUBLE DUPLEX WITH GFCI PROTECTION.
- SPECIAL RECEPTACLE, SIZE AS NOTED ON DRAWING.
- RECEPTACLE: 50A, 3-WIRE, 208V
- RECEPTACLE: 30A, 3-WIRE, 208V
- RECEPTACLE, FLUSH FLOOR BOX- CARPET PLATE WHERE REQUIRED.
- TELEPHONE OUTLET, FLUSH FLOOR BOX- CARPET PLATE WHERE REQUIRED.
- DATA OUTLET, FLUSH FLOOR BOX- CARPET PLATE WHERE REQUIRED.
- INTERCOM OUTLET, FLUSH FLOOR BOX- CARPET PLATE WHERE REQUIRED.
- CEILING MOUNTED DUPLEX RECEPTACLE, DATA JACK, AND TELEVISION JACK.
- FLUSH, FLOOR MOUNTED DUPLEX RECEPTACLE, DATA JACK, AND TELEPHONE JACK.
- TELEPHONE OUTLET: PROVIDE 2-GANG BOX WITH 1" CONDUIT. STUB-UP INTO T-BAR CEILING. FOR HARD CEILINGS, RUN THE CONDUIT TO LOCATION INDICATED PER THE RISER DIAGRAM.
- DATA OUTLET: PROVIDE 2-GANG BOX WITH 1" CONDUIT. STUB-UP INTO T-BAR CEILING RUN THE CONDUIT TO LOCATION INDICATED PER THE RISER DIAGRAMS.
- NUMBER IN PARENTHESIS INDICATES QUANTITY OF DEVICES. TYPICAL FOR ALL TYPES OF DEVICES.
- RECEPTACLE, DUPLEX CEILING MOUNTED.
- RECEPTACLE, DOUBLE DUPLEX CEILING MOUNTED.
- CIRCUIT BREAKER IN NEMA ENCLOSURE TO SUIT THE APPLICATION, WALL MOUNTED, U.O.N.
- TELEVISION OUTLET
- CLOCK
- SPEAKER
- FUSED DISCONNECT - MOTOR RATED. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. SWITCHES TO BE FURNISHED WITH DUAL ELEMENT FUSES SIZED ACCORDING TO NAME PLATE DATA ON EQUIPMENT INSTALLED.
- MAGNETIC MOTOR STARTER FURNISHED, INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
- MOTOR - FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR.
- GROUND ROD- 3/4" DIAMETER x 10-FEET LONG COPPER CLAD.
- TERMINAL CABINET. SURFACE OR FLUSH MOUNTED WITH FLAME RETARDENT PLYWOOD BACKBOARD.
- PANELBOARD- SURFACE OR FLUSH MOUNTED.
- DISTRIBUTION OR SWITCHBOARD
- NEUTRAL LINK
- TRANSFORMER.
- METER.
- TRANSIENT VOLTAGE SURGE SUPPRESSOR
- CIRCUIT BREAKER.
- GROUND.
- MASTER/SLAVE 'WHIP' FOR CONNECTING MIDDLE LAMP OF TWO 2-LIGHT FIXTURES.
- FLEXIBLE CONDUIT AND CONNECTION.
- GROUND WIRE WITH GREEN INSULATION SIZE PER N.E.C., U.O.N.
- CONDUIT CONCEALED IN WALL OR CEILINGS. PROVIDE NUMBER OF WIRES NECESSARY FOR BRANCH CIRCUIT, SWITCH LEGS, ETC. PROVIDE SEPARATE NEUTRALS FOR EACH PHASE WIRE. SIZE SHALL BE DETERMINED BY OCPD CONNECTED TO THE PHASE CONDUCTORS AND VOLTAGE DROP CONSIDERATIONS. ALL CONDUITS SHALL HAVE GROUND CONDUCTOR(S). SIZE CONDUIT PER NEC.
- CONDUIT CONCEALED IN WALL OR CEILINGS. PROVIDE NUMBER OF WIRES NECESSARY FOR BRANCH CIRCUIT, SWITCH LEGS, ETC. PROVIDE SEPARATE NEUTRALS FOR EACH PHASE WIRE. SIZE SHALL BE DETERMINED BY OCPD CONNECTED TO THE PHASE CONDUCTORS AND VOLTAGE DROP CONSIDERATIONS. ALL CONDUITS SHALL HAVE GROUND CONDUCTOR(S). SIZE CONDUIT PER NEC. HASH MARKS INDICATE THE NUMBER OF CONDUCTORS AND THE ADJACENT NUMBER INDICATES CONDUCTOR SIZE. (#10)
- CONDUIT CONCEALED UNDERGROUND OR BELOW FLOOR. MINIMUM SIZE IS 3/4". PROVIDE NUMBER OF WIRES NECESSARY FOR BRANCH CIRCUIT, SWITCH LEGS, ETC. PROVIDE SEPARATE NEUTRALS FOR EACH PHASE WIRE. SIZE SHALL BE DETERMINED BY OCPD CONNECTED TO THE PHASE CONDUCTORS AND VOLTAGE DROP CONSIDERATIONS. ALL CONDUITS SHALL HAVE GROUND CONDUCTOR(S). SIZE CONDUIT PER NEC.
- CONDUIT UNDERGROUND OR BELOW FLOOR, MINIMUM SIZE IS 3/4". PROVIDE NUMBER OF WIRES NECESSARY FOR BRANCH CIRCUIT, SWITCH LEGS, ETC. PROVIDE SEPARATE NEUTRALS FOR EACH PHASE WIRE. SIZE SHALL BE DETERMINED BY OCPD CONNECTED TO THE PHASE CONDUCTORS AND VOLTAGE DROP CONSIDERATIONS. ALL CONDUITS SHALL HAVE GROUND CONDUCTOR(S). SIZE CONDUIT PER NEC. HASH MARKS INDICATE THE NUMBER OF CONDUCTORS AND THE ADJACENT NUMBER INDICATES CONDUCTOR SIZE. (#10)
- CONDUIT HOME RUN TO PANEL, TERMINAL BOARD, ETC.
- CONDUIT- UP.
- CONDUIT-DOWN.
- EXISTING ABOVE GROUND CONDUIT.
- EXISTING UNDERGROUND CONDUIT.
- MECHANICAL EQUIPMENT DESIGNATOR.
- SHEET NOTE NUMBER-#. SEE NOTE DESCRIPTION ON SAME SHEET.
- GENERAL NOTE NUMBER-#. SEE NOTE DESCRIPTION ON SAME SHEET.
- REFERENCE TO PLAN/DETAIL/DIAGRAM.
- DESIGNATES SIZE AND QUANTITY OF FEEDERS SEE FEEDER SCHEDULE.
- '###' DENOTES ROOM NUMBER.
- ADDENDUM OR REVISION NUMBER-#- SEE DESCRIPTION ON SAME SHEET.
- INTRUSION ALARM DOOR CONTACT PROVISION SEE TYPICAL DETAILS.

ELECTRICAL SHEET INDEX

ELECTRICAL	
E1.01.01	SYMBOL LIST, NOTES AND ABBREVIATIONS
E1.01.02	ELECTRICAL NOTES AND REQUIREMENTS
E1.02.01	SINGLE LINE DIAGRAMS AND PANEL SCHEDULES
E2.01.01	OVERALL ELECTRICAL SITE PLAN
E3.01.01	PARTIAL EXISTING ELECTRICAL SITE PLAN
E3.02.01	PARTIAL ELECTRICAL SITE PLAN
E3.02.02	PARTIAL ELECTRICAL SITE PLAN
E3.03.01	PARTIAL PHOTOMETRIC SITE PLAN
E3.03.02	PARTIAL PHOTOMETRIC SITE PLAN
E4.01.01	TYPICAL ELECTRICAL DETAILS
E4.01.02	TYPICAL ELECTRICAL DETAILS
E5.01.01	POWER TITLE 24
E5.02.01	OUTDOOR LIGHTING TITLE 24
E5.02.02	OUTDOOR LIGHTING TITLE 24

THESE PLANS ARE ACCOMPANIED WITH BOOK SPECIFICATIONS THAT FORM PART OF THE CONTRACT DOCUMENTS.

ABBREVIATIONS

A.	AMP AMPERES
A.C.	ABOVE COUNTER
A.F.F.	ABOVE FINISHED FLOOR
AL	ALUMINUM CONDUCTOR OR BUS
BD	BOARD
C	CONDUIT
CAB	CABINET
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CC	CENTER TO CENTER
CKT	CIRCUIT
CO	CONDUIT ONLY (EMPTY CONDUIT) WITH PULL WIRE
CPB	COMMUNICATIONS PULL BOX
CU	COPPER CONDUCTOR OR BUS
DB	DISTRIBUTION PANEL
(E)	EXISTING
EM	EMERGENCY
EMT	ELECTRIC METALLIC TUBING
E.O.L.	END-OF-LINE
EPO	EMERGENCY POWER-OFF
EWC	ELECTRIC WATER COOLER
F	FUSE
F.A./FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
F.B.O.	FURNISHED BY OTHER/FURNISHED BY OWNER
FLA	FULL LOAD AMPS
FMC	FLEXIBLE METALLIC CONDUIT
FS	FLOW SWITCH
G	GREEN GROUND WIRE
GFCI	GROUND FAULT CIRCUIT INTERRUPT
GND	GROUND
GRS	GALVANIZED RIGID STEEL
HC	HORIZONTAL CROSSCONNECT
HCAI	DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION (FORMALLY OSHPD)
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
I.B.O.	INSTALLED BY OTHER
I.B.E.	INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR
IDF	INTERMEDIATE DISTRIBUTION FRAME (DATA)
IG	ISOLATED GROUND
INT	INTRUSION ALARM
J/JB	JUNCTION BOX
KV	KILOVOLTS
KVA	KILOVOLTS-AMPERES
KW	KILOWATT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
LCP	LIGHTING CONTROL PANEL
LTG	LIGHTING LV LOW VOLTAGE
MTD	MOUNTED
MTG	MOUNTING
MLO	MAIN LUG ONLY
N	NEUTRAL
(N)	NEW
NL	NIGHT LIGHT
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C./OC	ON CENTER
OFOI	OWNER FURNISHED OWNER INSTALLED
OSHPD	OFFICE OF STATEWIDE HEALTH AND PLANNING
Ø	PHASE
P	POLE
P.A./PA	PUBLIC ADDRESS SYSTEM
PB	PULL BOX
PIV	POST INDICATOR VALVE
PNL	PANEL
PPB	POWER PULL BOX
REC/RECEPT.	RECEPTACLE
REF.	REFRIGERATOR
RELO	RELOCATABLE BUILDING/ PORTABLE BUILDING
RM	ROOM
RS	RAPID START
RU	RACK UNIT
SCE	SIGNAL CURRENT EXPANDER PANEL
S.L.	SECURITY LIGHT
SCTB	SIGNAL AND COMMUNICATION TERMINAL BACKBOARD
SPB	SIGNAL PULL BOX
SPD	SURGE SUPPRESSION DEVICE
STB	SIGNAL TERMINAL BOARD
STC	SIGNAL TERMINAL CABINET
SW	SWITCH
TPB	TELEPHONE PULL BOX
TS	TAMPER SWITCH
TEL	TELEPHONE
TERM	TERMINAL
TYP	TYPICAL
TTB	TELEPHONE TERMINAL BOARD
TTC	TELEPHONE TERMINAL CABINET
U.C.	UNDER COUNTER
UG	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLTS/VOLTAGE
V.P.	VANDAL PROOF
W	WATTS
WP	WEATHERPROOF
WM	WIREMOLD

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

SYMBOL LIST, NOTES AND ABBREVIATIONS

E1.01.01

REGISTERED PROFESSIONAL ENGINEER BORRELLI ELECTRICAL CALIFORNIA
Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

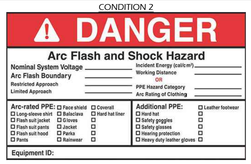
Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

ARC FLASH WARNING LABEL REQUIREMENTS

CONDITION 1

ARC FLASH HAZARD HAZARD WARNING LABELS SHALL BE FIELD MARKED/PLACED ON ALL NEW AND EXISTING ELECTRICAL DISTRIBUTION BOARDS, MAIN SWITCHBOARDS, TRANSFORMERS, PANELS, PANELBOARDS, DISCONNECTS, MCC'S. PER CEC/NEC 110.16A THAT IS WITHIN THE SCOPE OF THIS PROJECT. LABELS SHALL BE APPLIED TO EXISTING EQUIPMENT WHERE NEW CONNECTIONS ARE MADE. THE LABELS SHALL MEET THE REQUIREMENTS OF 110.21(B) PER ANSI Z535.4-2011 GUIDELINES BY USING EFFECTIVE COLORS, SYMBOLS OR ANY COMBINATION THEREOF.

CONDITION 2



ARC FLASH HAZARD WARNING LABELS FOR AN ENTIRELY NEW ELECTRICAL SERVICE AND DISTRIBUTION SYSTEMS, THE EXCEPTION TO 110.16(B) SHALL BE UTILIZED AND ALL ELECTRICAL COMPONENTS OF THE DISTRIBUTION EQUIPMENT SHALL HAVE AN ARC FLASH WARNING LABEL WITH THE FOLLOWING INFORMATION:

a. NOMINAL SYSTEM VOLTAGE
b. ARC FLASH BOUNDARY
c. MINIMAL ARC RATING OF CLOTHING
d. AT LEAST ONE, BUT NOT BOTH OF THE FOLLOWING:
   - INCIDENT ENERGY & CORRESPONDING WORKING DISTANCE
   - THE ARC FLASH PPE CATEGORY

THE LABELS SHALL MEET THE REQUIREMENTS OF 110.21(B) PER ANSI Z535.4-2011 GUIDELINES BY USING EFFECTIVE COLORS, SYMBOLS OR ANY COMBINATION THEREOF.
THE CONTRACTOR SHALL HAVE THE EQUIPMENT MANUFACTURER PROVIDE THE REQUIRED LABELING OR OBTAIN THE SERVICES OF A THIRD PARTY OR THE ELECTRICAL ENGINEER OF RECORD.

CONDITION 3

ARC FLASH HAZARD WARNING LABELS SHALL BE FIELD MARKED/PLACED ON ALL NEW SERVICE EQUIPMENT WITH THE FOLLOWING INFORMATION: NOMINAL SYSTEM VOLTAGE, AVAILABLE FAULT CURRENT AT THE SERVICE OVERCURRENT PROTECTIVE DEVICES, CLEARING TIME OF THE SERVICE OVERCURRENT PROTECTIVE DEVICES BASED ON THE AVAILABLE FAULT CURRENT AT THE SERVICE EQUIPMENT, THE DATE THE LABEL WAS APPLIED. THE LABELS SHALL MEET THE REQUIREMENTS OF 110.21(B) PER ANSI Z535.4-2011 GUIDELINES BY USING EFFECTIVE COLORS, SYMBOLS OR ANY COMBINATION THEREOF.

CALIFORNIA CODE OF REGULATIONS

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2023

2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2021 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2020 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2021 IAPMO UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR(2021 IAPMO UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR(2021 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2021 INTERNATIONAL EXISTING BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2019 ASME A17.1/CSA B44-2019 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2022 CBC PART 2 CH 35)NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION.

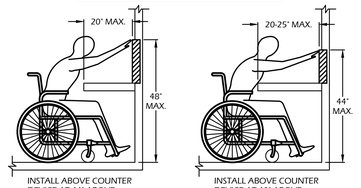
PARTIAL LIST OF APPLICABLE STANDARDS

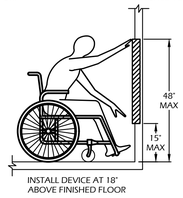
NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED) - 2022 EDITION
NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED) 2024 EDITION
NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS - 2021 EDITION
NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS - 2021 EDITION
NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION - 2025 EDITION
NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED) - 2022 EDITION
NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED) - 2022 EDITION
NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES - 2022 EDITION
NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED) 2018 EDITION
UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT - 2005 (R2010)
UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES - 2003 EDITION
UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS - 1999 EDITION
ICC 300 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS 2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

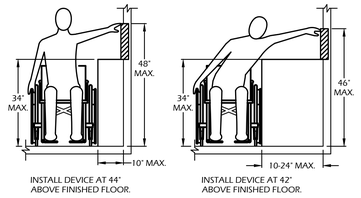
TYPICAL WALL DEVICE MOUNTING HEIGHTS

ADA GUIDELINES - 2022 CBC 11B-308

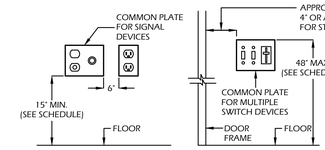




FRONT ACCESS



SIDE ACCESS



DEVICE TYPE	MOUNTING HEIGHT
SWITCHES	NO MORE THAN 48" A.F.F. TO TOP OF DEVICE
DIMMERS	NO MORE THAN 48" A.F.F. TO TOP OF DEVICE
RECEPTACLES	NO LESS THAN 15" A.F.F. TO BOTTOM OF DEVICE
TEL. OUTLETS (OFFICE)	NO LESS THAN 15" A.F.F. TO BOTTOM OF DEVICE
TEL. OUTLETS (CLASSROOMS)	NO MORE THAN 48" A.F.F. TO TOP OF DEVICE
DATA OUTLETS	NO LESS THAN 15" A.F.F. TO BOTTOM OF DEVICE
INTERCOM OUTLETS	NO LESS THAN 15" A.F.F. TO BOTTOM OF DEVICE
TELEVISION OUTLETS	NO LESS THAN 15" A.F.F. TO BOTTOM OF DEVICE
MICROPHONE OUTLETS	NO LESS THAN 15" A.F.F. TO BOTTOM OF DEVICE
RECEPTACLES, OUTLETS, SWITCHES, ETC. MOUNTED ABOVE COUNTERS	WITHIN THE REACH RANGE SPECIFIED IN SECTION 11B-308 OF THE CALIFORNIA BUILDING CODE.
CLOCKS	AS SHOWN ON DRAWINGS
SPEAKERS	AS SHOWN ON DRAWINGS
HAND DRYERS	REFER TO ARCHITECTURAL PLANS
HAIR DRYERS	REFER TO ARCHITECTURAL PLANS
WALL SCONCES	ABOVE 80" FOR PROJECTIONS INTO CORRIDORS OF MORE THAN 4" OR AS SHOWN ON DRAWING
EXIT LIGHTS	SEE DETAILS
EXIT MARKERS	SEE DETAILS
EMERGENCY LIGHTING WALL PACK	AS SHOWN ON DRAWINGS
KEYPADS	NO MORE THAN 48" A.F.F. TO TOP OF DEVICE
WIREMOLD	MOUNTING HEIGHT SHALL BE SUCH THAT THE LOWEST DEVICE MOUNTED ON WIREMOLD IS AT 15" A.F.F. TO BOTTOM OF DEVICE, U.O.N.

NOTES:
1. ALL VERTICAL MEASUREMENTS ARE 'ABOVE FINISHED FLOOR' (A.F.F.).
2. SEE DRAWINGS FOR NON-TYPICAL MOUNTING HEIGHTS.
3. WHERE MOUNTING HEIGHTS ARE NOT SHOWN, REFER TO ARCHITECTURAL PLANS.
4. RECEPTACLES, LIGHT SWITCHES, TELEPHONE-DATA OUTLETS AND OTHER RECESSED ELECTRICAL DEVICES THAT ARE SHOWN BACK-TO-BACK ON WALLS SEPARATING CORRIDORS, ROOMS AND OPEN AREAS SHALL BE SEPARATED HORIZONTALLY BY AT LEAST 24 INCHES. THIS REQUIREMENT IS TO SATISFY BOTH THE CONDITIONS AT FIRE RATED CORRIDORS AND SOUND TRANSMISSION FACTOR BETWEEN ALL CORRIDORS, ROOMS AND OPEN AREAS INCLUDING EXTERIOR WALLS.

GENERAL NOTES

1. ALL WORK AND MATERIAL SHALL CONFORM TO LATEST CODES AND ORDINANCES. IT IS THE INTENTION OF THESE PLANS AND SPECIFICATIONS TO COVER ALL THINGS REQUIRED TO PROVIDE COMPLETE AND OPERATIVE SYSTEMS. THE CONTRACTOR SHALL FURNISH LABOR, MATERIAL, TRANSPORTATION, EQUIPMENT, MISCELLANEOUS SERVICES, ETC. REQUIRED TO ACCOMPLISH THIS RESULT. ANYTHING WHICH MAY BE REASONABLY CONSTRUED AS A NECESSARY PART OF THE INSTALLATION SHALL BE INCLUDED. NOTHING IN THESE PLANS OR SPECIFICATIONS MAY BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO ANY CONSTRUCTION CODES.
2. ALL EQUIPMENT SHALL HAVE TESTING LABORATORY LABEL ATTACHED (U.L. C.S.A. ETC.) AS PER N.E.C. 110. PROOF OF TESTING LABELS REQUIRED WITH ALL SUBMITTALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THESE REQUIREMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PURCHASING, IF ANY OF THE SPECIFIED MATERIAL FAILED THESE REQUIREMENTS. WHERE A FIELD CERTIFIED PRODUCT MAY BE REQUIRED FOR FIELD ASSEMBLED COMPONENT, PROVIDE CERTIFIED REPORT BY AN APPROVED TESTING AGENCY ACCEPTABLE TO THE AUTHORITIES HAVING JURISDICTION. INCLUDE ALL TESTING FEES IN BID.
3. THE ENGINEERING SERVICE ARE LIMITED TO PREPARATION OF PLANS AND SPECIFICATIONS. THE PLANS AND SPECIFICATIONS ARE INTENDED TO BE USED AS CONSTRUCTION GUIDELINES ONLY AND NOT THE TOTAL INSTRUMENT OF CONTRACT DOCUMENTS. IT IS NOT THE INTENTION OF ANY CONSTRUCTION PLANS TO DIVIDE WORK AMONG DIFFERENT TRADES. VERIFY SCOPE OF WORK WITH GENERAL CONTRACTOR/OWNER SINCE THE ENGINEER IS NOT SUPERVISING THE JOB. THE ENGINEER WILL PROVIDE INTERPRETATION OF THE CONSTRUCTION DOCUMENTS, BUT SUPERVISION IS UNDER THE RESPONSIBILITY OF THE OWNER OR HIS APPOINTEE.
4. WORKING CLEARANCE SHALL BE MAINTAINED AS PER C.E.C./N.E.C. FOR ALL PANEL(S), SERVICE EQUIPMENT, DISCONNECT SWITCH, ETC. LOCAL UTILITY COMPANY WORKING CLEARANCE REQUIREMENT SHALL ALSO BE OBSERVED. POWER EQUIPMENT MANUFACTURER'S PRODUCT MAY VARY IN DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORKING CLEARANCE REQUIREMENT WHEN LAYING OUT THE ELECTRICAL EQUIPMENT.
5. AVAILABLE FAULT CURRENT SHALL BE INDICATED ON ALL NEWLY INSTALLED SERVICE EQUIPMENT. THE FIELD MARKING SHALL INCLUDE THE DATE OF THE FAULT CURRENT CALCULATION WAS PERFORMED.
6. THE CONTRACTOR SHALL VERIFY EXACT LOCATION OF TERMINAL BOXES AND CONDUIT ENTRANCES OF ALL EQUIPMENT AGAINST SHOP DRAWINGS BEFORE STUBBING UP CONDUITS OR PENETRATING EXTERIOR WALL(S) OF BUILDING(S).
7. IN CASE OF INTERFERENCE BETWEEN ELECTRICAL EQUIPMENT SHOWN ON THE DRAWINGS AND OTHER EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING BEFORE PROCEEDING.
8. ALL OUTDOOR DEVICES SHALL BE WEATHERPROOF.
9. ONLY MAJOR PULL BOXES ARE SHOWN. CONTRACTOR SHALL PROVIDE ADDITIONAL PULL BOXES WHERE THEY ARE REQUIRED TO MAKE A WORKABLE INSTALLATION. ALL PULL BOXES ABOVE GROUND SHALL BE PAD LOCKABLE. ALL PULL BOXES UNDERGROUND SHALL HAVE HOLD DOWN BOLTS AND BE TRAFFIC RATED.
10. MARK ALL PANELS WITH LAMANOID TAGS. PROVIDE TYPE WRITTEN PANEL SCHEDULE AT ALL PANELS.
11. ALL FLOOR MOUNTED EQUIPMENT SHALL SIT ON A CONCRETE PAD 3" HIGHER THAN SURROUNDING SURFACE FOR INTERIOR EQUIPMENT AND 6" FOR EXTERIOR EQUIPMENT.
12. CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, LABOR, EQUIPMENT AND SUPERVISION NECESSARY TO COMPLETE INSTALLATION, CHECKOUT AND INITIAL OPERATION.
13. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GENERAL ARRANGEMENT OF EQUIPMENT SHOWN AND SHALL SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT PRIOR TO PURCHASE.
14. CAUTION SHOULD BE USED WHEN EXCAVATING OR TRENCHING TO LOCATE EXISTING UNDERGROUND CONDUITS. COORDINATE WITH AGENCIES SUCH AS UNDERGROUND SERVICE ALERT PRIOR TO EXCAVATION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING VISITED THE SITE AND SATISFIED HIMSELF AS TO THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE CONTRACTOR SHALL CHECK ALL OF THE CONDITIONS WHICH MAY AFFECT HIS WORK. THE SITE VISIT SHALL BE MADE PRIOR TO SUBMITTING THE BID. BIDDERS SHALL PREARRANGE A SITE VISIT WITH THE OWNER/ARCHITECT.
16. THE CONTRACTOR SHALL OBTAIN A FULL SET OF PLANS WHEN BIDDING THE JOB.
17. ALL PHASE CONDUCTORS SHALL HAVE THEIR OWN NEUTRALS. NO SHARING OF NEUTRALS ALLOWED.
18. A CERTIFIED ELECTRICAL SHALL BE PRESENT ON THE PROJECT WHENEVER ELECTRICAL WORK IS IN PROGRESS. AN ELECTRICAL CONTRACTOR IS NOT EXEMPT FROM THIS REQUIREMENT AND SHALL ALSO BE CERTIFIED IF HE IS WORKING AS THE RESPONSIBLE PROJECT ELECTRICIAN . VIOLATION OF THIS REQUIREMENT BY EITHER ELECTRICIANS OR WORKING CONTRACTORS SHALL BE REPORTED TO THE STATE LICENSE CONTRACTOR BOARD AS REQUIRED UNDER THE EXISTING LABOR CODE SECTION 108.2. NO VOLUNTEERS ARE ALLOWED TO PERFORM WORK ON THIS PROJECT AND ALL CITY INSURANCE REQUIREMENTS MUST BE MET PRIOR TO PERFORMING ANY WORK.
19. ALL CONDUIT SHALL BE CONCEALED WITHIN ATTIC SPACE AND WALLS.
20. ALL EXTERIOR CONDUIT USED ON THIS PROJECT SHALL BE IMC OR RIGID.
21. ALL FASTENERS USED SHALL BE STAINLESS STEEL GRADE 316.
22. ALL EXTERIOR RECEPTACLES SHALL BE GFCI TYPE WITH A LOCKING, WEATHERPROOF IN-USE COVER.
23. ALL DISCONNECTS SHALL BE READILY ACCESSIBLE AND IN SIGHT OF THE EQUIPMENT, PER THE CALIFORNIA ELECTRICAL CODE. IF THE DISCONNECTING MEANS CANNOT BE LOCATED WITHIN SIGHT OF THE EQUIPMENT SERVED, IT SHALL HAVE THE CAPABILITY OF BEING LOCKED IN THE OPEN POSITION.
24. ALL CONDUCTORS INSTALLED IN UNDERGROUND OR WET LOCATIONS SHALL BE LISTED FOR WET LOCATIONS AND MARKED WITH "W" PER CEC.
25. SPLICES AND TERMINALS SHALL BE COMPRESSION TYPE OF SEAMLESS PURE COPPER, TIN PLATED, LONG BARREL (TERMINALS WITH TWO-HOLE PAD AND INSPECTION WINDOW WITH NEMA DRILLING), AS MANUFACTURED BY BURNDY TYPE YS, YAZ-2N OR EQUAL. CLEAN ALL SURFACES AND INSTALL WITH OXIDE INHIBITING COMPOUND, BURNDY PENETROX-E OR EQUAL. INSTALL COMPRESSION CONNECTORS WITH 360° CIRCUMFERENTIAL COMPRESSION DYE, BURNDY HYPRESS OR EQUAL. THE INDENTER OR OTHER TYPE TOOLS WILL NOT BE ACCEPTABLE.
26. INSTALL MECHANICALLY FASTENED PHENOLIC NAMEPLATE WITH WHITE LETTERING ON BLACK BACKGROUND ON ALL EQUIPMENT, INCLUDING PULL BOXES, WITH DESCRIPTION INDICATED ON DRAWINGS. NAMEPLATES SHALL READ EXACTLY AS DESCRIBED ON THE DRAWINGS. IN GENERAL NAMEPLATE LETTERING SIZE SHALL BE 3/16-INCH HIGH FOR ALL NAMEPLATES SERVING FEEDER AND BRANCH CIRCUIT BREAKERS. ON MAIN SERVICE PANELS AND ALL OTHER NAMEPLATES LETTERING SHALL BE 1/4-INCH HIGH.
27. ALL SWITCHBOARDS, SWITCHGEAR, PANELBOARDS, VFD'S, MOTORS, JUNCTION BOXES, PULL BOXES, DISCONNECT SWITCHES, ETC., SHALL BE MARKED TO INDICATE EACH DEVICE OR EQUIPMENT WHERE THE POWER ORIGINATES PER CEC 408.4, FIELD IDENTIFICATION REQUIRED, (B) SOURCE OF SUPPLY.
28. COORDINATE EQUIPMENT LOCATIONS, CONTROL AND POWER WIRING REQUIREMENTS AND CONNECT POINTS WITH ALL APPLICABLE DISCIPLINES.
29. PROVIDE AND INSTALL FUSES PER UNIT NAMEPLATE DATA ON THE EQUIPMENT PROVIDED.
30. REINSTALL EXISTING ELECTRICAL INSTALLATIONS DISTURBED. CERTAIN EXISTING ELECTRICAL INSTALLATIONS MAY BE LOCATED IN WALL, CEILINGS OR FLOORS THAT ARE TO BE REMOVED AND ARE ESSENTIAL FOR THE OPERATION OF OTHER REMAINING INSTALLATIONS. WHERE THIS CONDITION OCCURS, PROVIDE A NEW EXTENSION OF ORIGINAL CIRCUITS, RACEWAYS, EQUIPMENT AND OUTLETS TO RETAIN SERVICE CONTINUITY. INSTALLATIONS SHALL BE CONCEALED IN FINISHED AREAS.
31. UNLESS OTHERWISE NOTED ELSEWHERE IN THE PROJECT PLANS, ALL REINFORCING SHALL CONFORM TO A.S.T.M. A615 AND SHALL BE GRADE 40 FOR #3 GRADE 60 FOR #4 AND LARGER.
32. ANY CONDUCTOR USED ON THIS PROJECT SHALL HAVE AN INSULATION VOLTAGES CLASS RATING HIGHER THAN UTILIZATION VOLTAGE THAT WILL BE EMPRESSES ON THE CONDUCTOR.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

ELECTRICAL NOTES AND REQUIREMENTS

E1.01.02

REGISTERED PROFESSIONAL ENGINEER — JOHN C. BORRELLI — No. E16360 — EXP. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2022 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

(N) PANEL 'EV1'

VOLTAGE: 480/277V, 3Ø, 4W | BUS: 400A | MAIN BREAKER: 300A/3P | BREAKER AIC: 35,000 | MOUNTING: SURFACE | NEMA 3R ENCLOSURE

CIR #	BKR	LOAD (VA) PHASE A	PHASE B	PHASE C	DESCRIPTION	DESCRIPTION	LOAD (VA) PHASE C	PHASE B	PHASE A	BKR	CIR #
1	20A/1P	0			SPACE				23279		2
3	↓		0		↓	EV CHARGE STATION #4		23279		125A/3P	4
5	↓			0	↓		23279			↓	6
7	↓	0			↓	SPACE			0		8
9	↓		0		↓	↓		0		↓	10
11	↓			0	↓	↓	0			↓	12
13	↓	0			↓	↓			0	↓	14
15	↓		0		↓	↓		0		↓	16
17	↓			0	↓	↓	0			↓	18
19	↓	0			↓	↓			0	↓	20
21	↓		0		↓	↓		0		↓	22
23	↓			0	↓	↓	0			↓	24
25	↓	0			↓	↓			0	↓	26
27	↓		0		↓	↓		0		↓	28
29	↓			0	↓	↓	0			↓	30
31	↓	0			↓	↓			0	↓	32
33	↓		0		↓	↓		0		↓	34
35	↓			0	↓	↓	0			↓	36
37	↓	0			↓				27912		38
39	↓		0		↓	XFMR 'TX-EV2'		25140		175A/3P	40
41	↓			0	↓		19722				42

TOTAL Ø LOADS (VA):	PHASE A = 51191	PHASE B = 48419	PHASE C = 43051
TOTAL Ø LOADS (A):	PHASE A = 185	PHASE B = 175	PHASE C = 155
TOTAL LOAD:	142661 VA	172 A	

NOTE:
1. PANEL TO BE LOCKABLE

(N) PANEL 'EV2'

VOLTAGE: 208/120V, 3Ø, 4W | BUS: 400A | MAIN BREAKER: 400A/3P | BREAKER AIC: 35,000 | MOUNTING: SURFACE | NEMA 3R ENCLOSURE

CIR #	BKR	LOAD (VA) PHASE A	PHASE B	PHASE C	DESCRIPTION	DESCRIPTION	LOAD (VA) PHASE C	PHASE B	PHASE A	BKR	CIR #
1	100A/2P	8320			EV CHARGE STATION #1	EV CHARGE STATION #2		8320		100A/2P	2
3			8320						8320		4
5	100A/2P			8320	EV DUAL CHARGE	N. LOT CAMERA RECS	720			20A/1P	6
7		8320			STATION #3 PORT A	S. LOT CAMERA RECS		180		↓	8
9	100A/2P		8320		EV DUAL CHARGE	GATE CAMERA REC.			1080	↓	10
11				8320	STATION #3 PORT B	RR/STANDS CAM RECS	540			↓	12
13		0			SPACE	SPARE			0	↓	14
15	↓		0		↓	↓		0		↓	16
17	↓			0	↓	TICKET BOOTH SPLIT SYS	1872			30A/2P	18
19	↓	0			↓				1872		20
21	↓		0		↓	SPACE		0			22
23	↓			0	↓	↓	0			↓	24
25	↓	0			↓	↓			0	↓	26
27	↓		0		↓	↓		0		↓	28
29	↓			0	↓	↓	0			↓	30
31	↓	0			↓	↓			0	↓	32
33	↓		0		↓	↓		0		↓	34
35	↓			0	↓	↓	0			↓	36
37	↓	0			↓	↓			0	↓	38
39	↓		0		↓	↓		0		↓	40
41	↓			0	↓	↓	0			↓	42

TOTAL Ø LOADS (VA):	PHASE A = 27912	PHASE B = 25140	PHASE C = 19772
TOTAL Ø LOADS (A):	PHASE A = 232	PHASE B = 209	PHASE C = 165
TOTAL LOAD:	25140 VA	202 A	

NOTE:
1. PANEL TO BE LOCKABLE

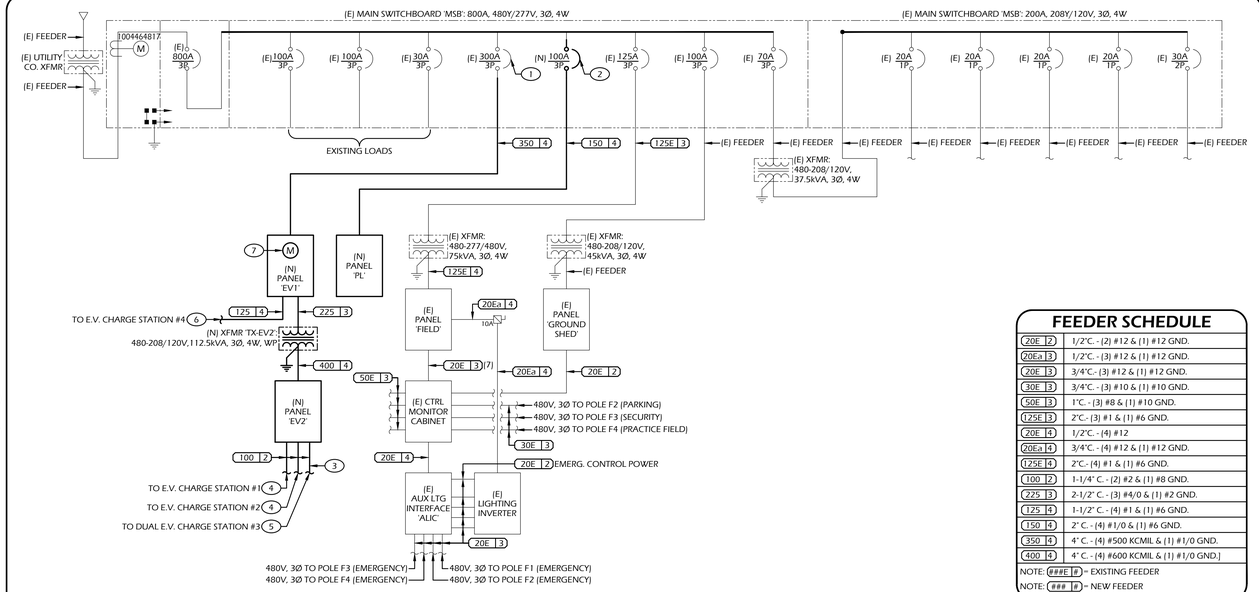
(N) PANEL 'PL'

VOLTAGE: 480/277V, 3Ø, 4W | BUS: 100A | MAIN BREAKER: 100A/3P | BREAKER AIC: 35,000 | MOUNTING: SURFACE | NEMA 3R ENCLOSURE

CIR #	BKR	LOAD (VA) PHASE A	PHASE B	PHASE C	DESCRIPTION	DESCRIPTION	LOAD (VA) PHASE C	PHASE B	PHASE A	BKR	CIR #
1	20A/1P	444			SOUTH LOT LIGHTING	SPARE			0	20A/1P	2
3	↓			544	WALL LIGHTING	↓		0		↓	4
5	↓			111	TRAVEL PATH LIGHTING	NORTH LOT LIGHTING	259			↓	6
7	↓	0			SPARE	SPARE			0	↓	8
9	↓		0		↓	↓		0		↓	10
11	↓			0	↓	↓	0			↓	12
13		0			SPACE	SPACE			0		14
15	↓		0		↓	↓		0		↓	16
17	↓			0	↓	↓	0			↓	18
19	↓	0			↓	↓			0	↓	20
21	↓		0		↓	↓		0		↓	22
23	↓			0	↓	↓	0			↓	24
25	↓	0			↓	↓			0	↓	26
27	↓		0		↓	↓		0		↓	28
29	↓			0	↓	↓	0			↓	30

TOTAL Ø LOADS (VA):	PHASE A = 444	PHASE B = 544	PHASE C = 370
TOTAL Ø LOADS (A):	PHASE A = 2	PHASE B = 2	PHASE C = 1
TOTAL LOAD:	1358 VA	2 A	

NOTE:
1. PANEL TO BE LOCKABLE



EXISTING STADIUM LIGHTING SINGLE LINE DIAGRAM

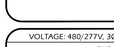
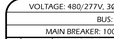
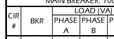
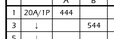
NO SCALE

FEEDER SCHEDULE

20E | 2	1/2"C. - (2) #12 & (1) #12 GND.
20Ea | 3	1/2"C. - (3) #12 & (1) #12 GND.
20E | 3	3/4"C. - (3) #12 & (1) #12 GND.
30E | 3	3/4"C. - (3) #10 & (1) #10 GND.
50E | 3	1"C. - (3) #8 & (1) #10 GND.
125E | 3	2"C. - (3) #1 & (1) #6 GND.
20E | 4	1/2"C. - (4) #12
20Ea | 4	3/4"C. - (4) #12 & (1) #12 GND.
125E | 4	2"C. - (4) #1 & (1) #6 GND.
100 | 2	1-1/4" C. - (2) #2 & (1) #8 GND.
225 | 3	2-1/2" C. - (3) #4/0 & (1) #2 GND.
125 | 4	1-1/2" C. - (4) #1 & (1) #6 GND.
150 | 4	2" C. - (4) #1/0 & (1) #6 GND.
350 | 4	4" C. - (4) #500 KCMIL & (1) #1/0 GND.
400 | 4	4" C. - (4) #600 KCMIL & (1) #1/0 GND.]

NOTE: [###E | #] = EXISTING FEEDER
NOTE: [### | #] = NEW FEEDER

LIGHTING FIXTURE SCHEDULE (#)

TYPE	LIGHTS	MANUFACTURER AND MODEL	LAMPS	REMARKS	WATTS	LBS
S1		VISIONAIRE LIGHTING #VSX-II-T2-16LC-7-4K-UNV-AM-**-LDL-WSC-20 VALMONT POLE #DS330-400Q160-P7-FPGV-FBC	LED	9,410 LUMENS (NOMINAL) EACH, LED, TYPE 2 LIGHT DISTRIBUTION. TWO FIXTURES SHALL BE ARM MOUNTED ON A 16-FT TALL, 4-IN SQUARE POLE AT 180 DEGREES OFFSET. FIXTURES SHALL HAVE MOTION SENSOR WITH INTEGRATED PHOTOCELL CAPABLE OF TWO NIGHTTIME MODES (OCCUPIED AND UNOCCUPIED).	74	50
S2		VISIONAIRE LIGHTING #VSX-II-T2-32LC-3-4K-UNV-AM-**-LDL-WSC-20 VALMONT POLE #DS330-400Q160-P7-FPGV-FBC	LED	4,705 LUMENS (NOMINAL), LED, TYPE 2 LIGHT DISTRIBUTION. FIXTURE SHALL BE ARM MOUNTED ON A 16-FT TALL, 4-IN SQUARE POLE. FIXTURE SHALL HAVE MOTION SENSOR WITH INTEGRATED PHOTOCELL CAPABLE OF TWO NIGHTTIME MODES (OCCUPIED AND UNOCCUPIED).	37	25
S3		VISIONAIRE LIGHTING #VSX-II-T1-32LC-3-4K-UNV-AM-**-LDL-WSC-20 VALMONT POLE #DS330-400Q160-P7-FPGV-FBC	LED	5,114 LUMENS (NOMINAL), LED, TYPE 1 LIGHT DISTRIBUTION. FIXTURE SHALL BE ARM MOUNTED ON A 16-FT TALL, 4-IN SQUARE POLE. FIXTURE SHALL HAVE MOTION SENSOR WITH INTEGRATED PHOTOCELL CAPABLE OF TWO NIGHTTIME MODES (OCCUPIED AND UNOCCUPIED).	37	25
E1		VISIONAIRE LIGHTING #PGAS-1-T4-16LC-7-4K-UNV-WM-WSC-8	LED	3,875 LUMENS (NOMINAL), LED, TYPE 4 LIGHT DISTRIBUTION. FIXTURE SHALL BE WALL MOUNTED TO 8-FT WALL. FIXTURE SHALL HAVE MOTION SENSOR AND INTEGRATED PHOTOCELL CAPABLE OF TWO NIGHTTIME MODES (OCCUPIED AND UNOCCUPIED).	34	20

SCHEDULES NOTES

1. COORDINATE ALL COLORS WITH OWNER/ARCHITECT PRIOR TO ORDERING. CONTRACTOR SHALL PROVIDE COLOR SAMPLES DURING SUBMITTAL STAGE
2. ALL LEDS SHALL HAVE A CRI OF 0.8 AND COLOR TEMPERATURE OF 4000K.
3. ALL DRIVERS SHALL HAVE LESS THAN 10% THD.
4. FIXTURE TYPE IS SHOWN WITHIN MOST FIXTURES.
5. PRIOR TO ORDERING FIXTURES REFER TO THE LIGHTING PLAN FOR THE CORRECT VOLTAGES TO BE UTILIZED FOR THE FIXTURES.

ELECTRICAL DISTRIBUTION

NAME	CB	WEIGHT(Lb)	W	D	H	MOUNTING	MANUFACTURER
PANEL 'EV1'	300A	555	28"	13.63"	86"	SURFACE MOUNTED - SEE DETAIL 11/E4.01.01	SQUARE D OR EQUAL
PANEL 'EV2'	400A	269	26"	8.75"	68"	SURFACE MOUNTED - SEE DETAIL 10/E4.01.01	SQUARE D OR EQUAL
PANEL 'PL'	100A	207	20"	6.5"	68"	SURFACE MOUNTED - SEE DETAIL 10/E4.01.01	SQUARE D OR EQUAL

TRANSFORMER

NAME	kVA	WEIGHT(Lb)	W	D	H	MOUNTING	MANUFACTURER
XFMR 'TX-EV2'	112.5 kVA	1250	31.31"	28.43"	37.5	FLOOR MOUNTED - SEE DETAIL 1/E4.01.01	SQUARE D OR EQUAL

SHEET NOTES (#)

1. PROVIDE AND INSTALL NEW FEEDER INDICATED TO ONE OF THE SPARE 300 AMP CIRCUIT BREAKERS IN EXISTING MSB AND MAKE ALL CONNECTIONS.
2. DISCONNECT AND REMOVE THE EXISTING 300A/3P SPARE CIRCUIT BREAKER. PROVIDE AND INSTALL NEW INDICATED CIRCUIT BREAKER.
3. PROVIDE AND INSTALL INDICATED CONDUIT AND CONDUCTORS FOR EACH PORT CIRCUIT.
4. PROVIDE AND INSTALL INCHARGE ENERGY SINGLE PORT #ICE-80A ELECTRIC VEHICLE CHARGING STATION. PROVIDE AND INSTALL PEDESTALL #ESA-ACP-PRM-S. INSTALL PER MANUFACTURER RECOMMENDATIONS.
5. PROVIDE AND INSTALL INCHARGE ENERGY #ICE-DUAL-80A DUAL PORT ELECTRIC VEHICLE CHARGE STATION. PROVIDE AND INSTAL PEDESTAL #ESA-DACP-PRM. INSTALL PER MANUFACTURER RECOMMENDATIONS.
6. PROVIDE AND INSTALL INCHARGE ENERGY #ICE-66 V2X ELECTRIC VEHICLE FAST CHARGING STATION. INSTALL PER MANUFACTURER RECOMMENDATIONS.
7. PROVIDE POWER AND ENERGY METER PER CEC 130.5(A) CAPABLE OF MEASURING INSTANTANEOUS KW DEMAND, HISTORICAL PEAK DEMAND KW, AND TRACKING KWH USAGE FOR ONE YEAR OF MEASURING TRACKING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

SINGLE LINE DIAGRAMS AND PANEL SCHEDULES

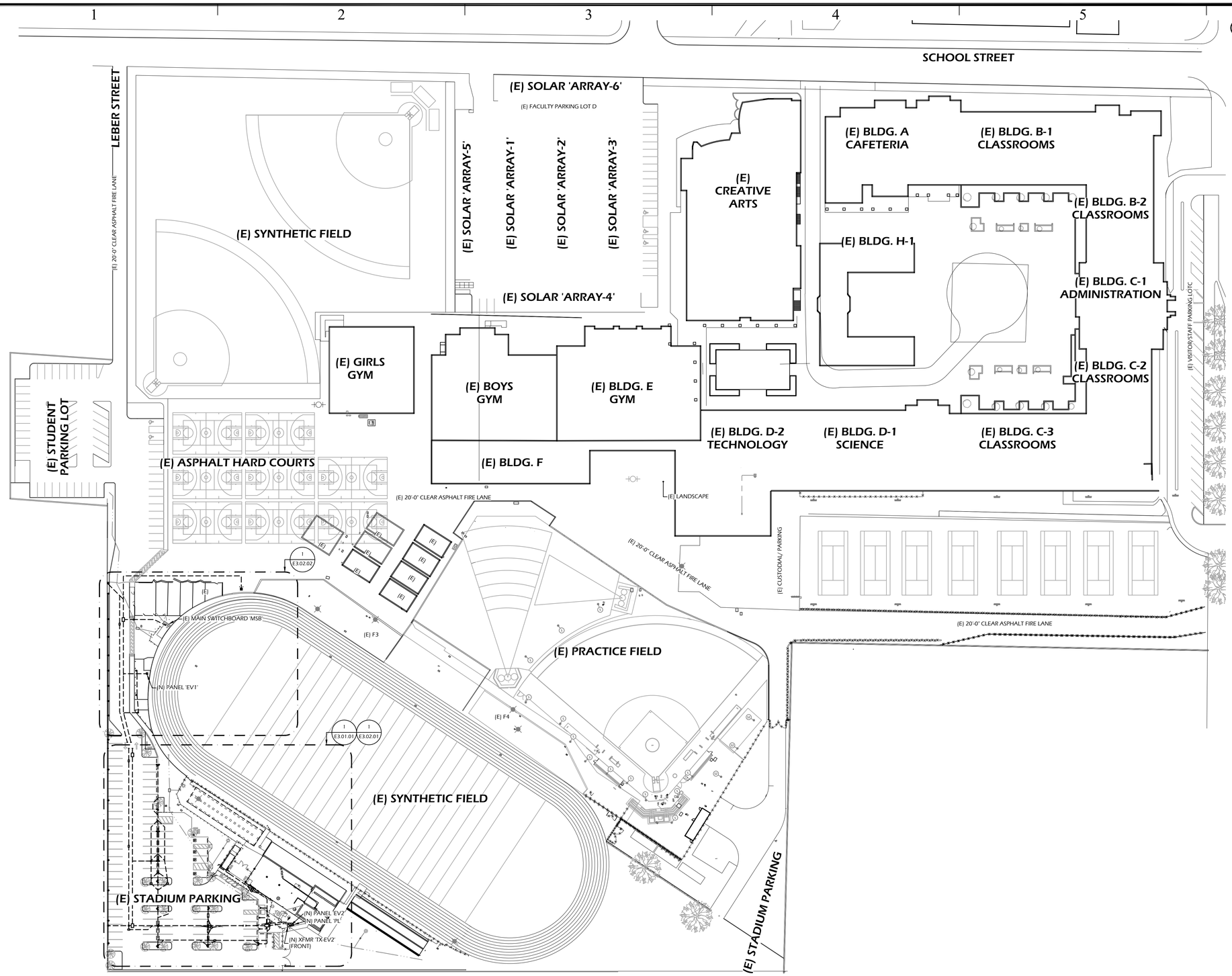
E1.02.01

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

REGISTERED PROFESSIONAL ENGINEER — JOSEPH E. BORRELLI — No. E16390 — Exp. 6/30/27 — ELECTRICAL — CALIFORNIA

SCAN ME



1 OVERALL ELECTRICAL SITE PLAN
SCALE: 1" = 50'-0"

GENERAL NOTES

1. SAW-CUT EXISTING CONCRETE. HAUL AWAY DEBRIS, PATCH, AND REPAIR TO MATCH THE EXISTING SURROUNDING SURFACE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

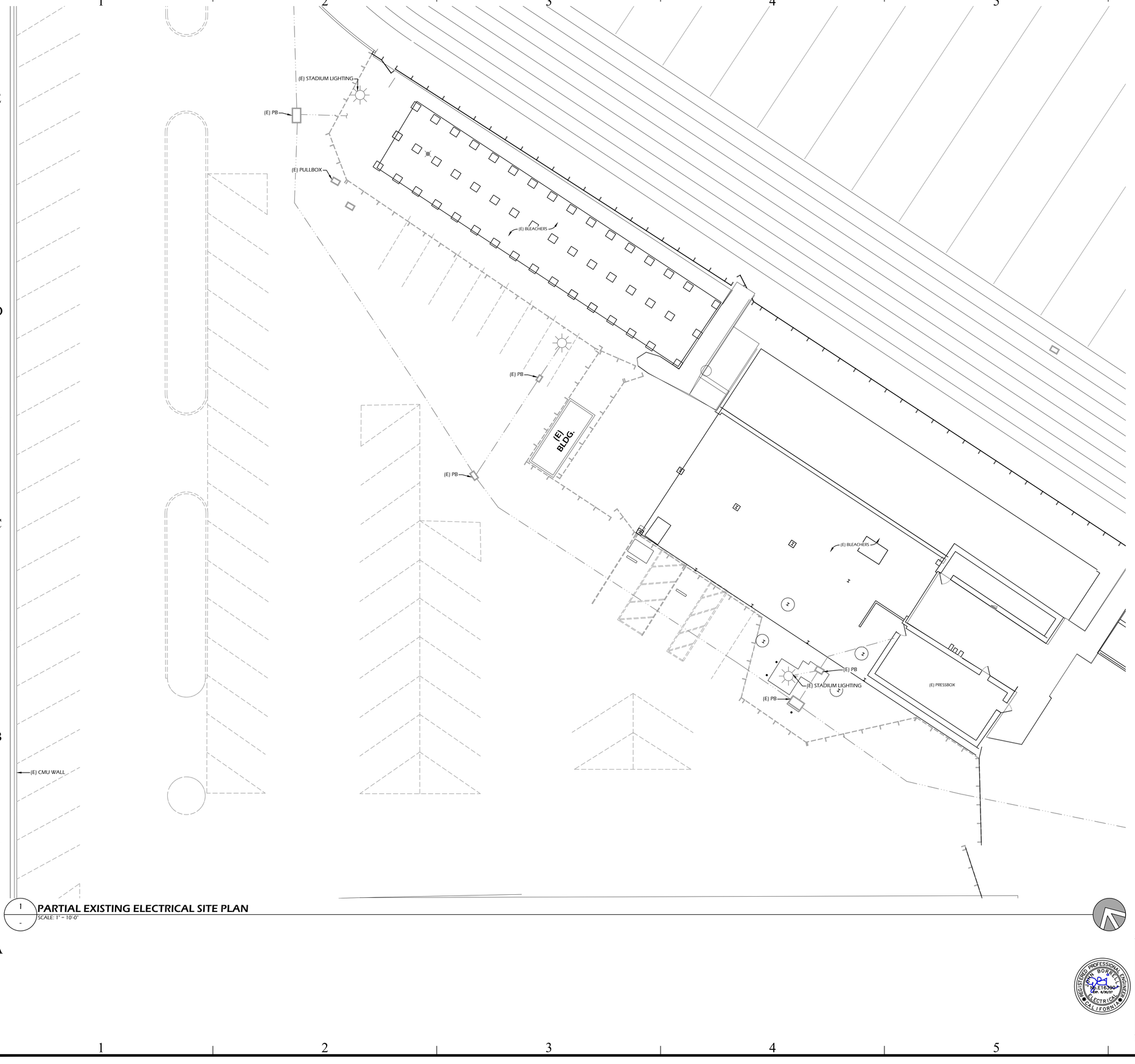
OVERALL ELECTRICAL SITE PLAN

E2.01.01

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The Firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

SCAN ME



1 / - PARTIAL EXISTING ELECTRICAL SITE PLAN
SCALE: 1" = 10'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

PARTIAL EXISTING ELECTRICAL SITE PLAN

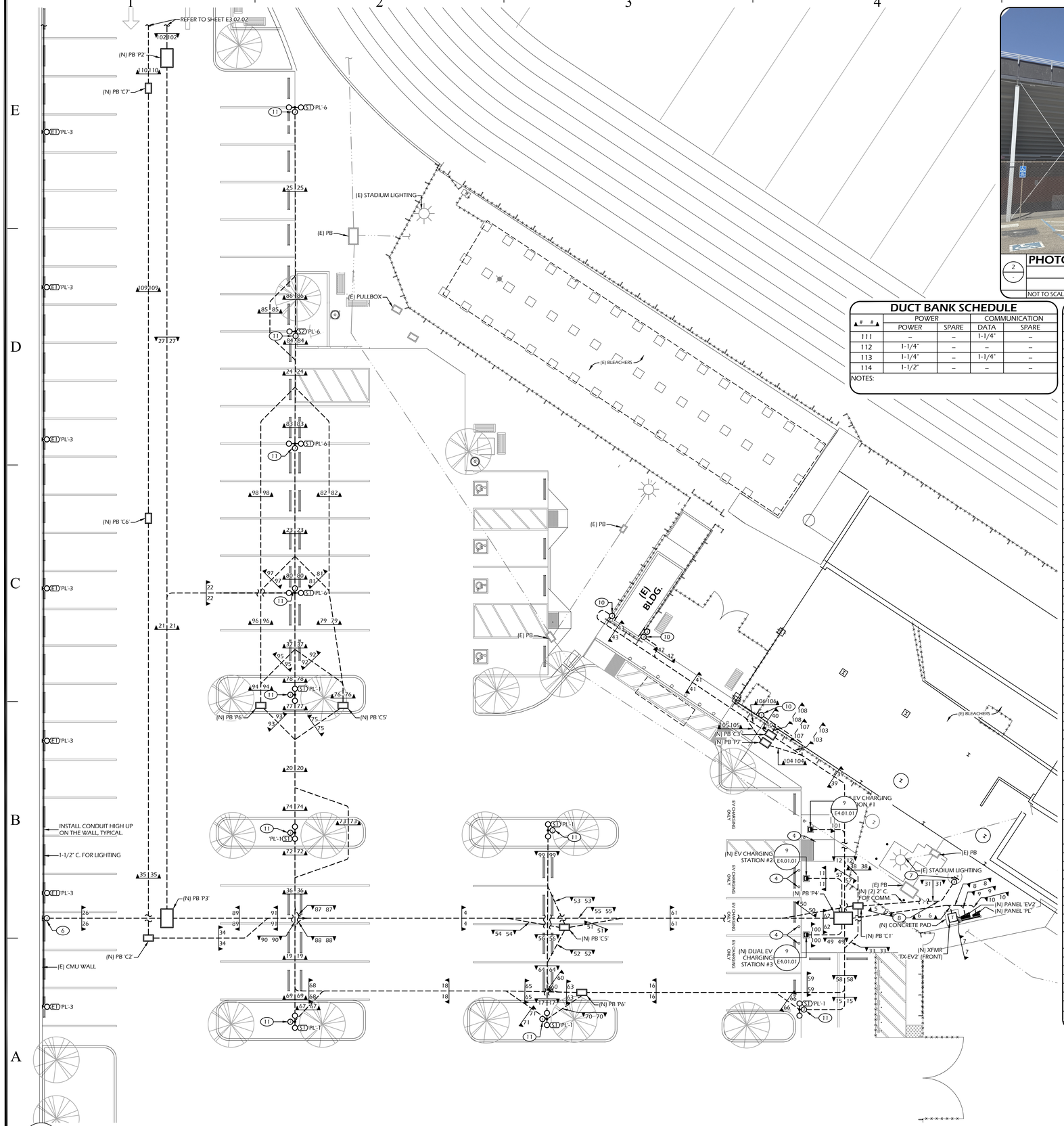
E3.01.01

REGISTERED PROFESSIONAL ENGINEER — JOHN C. BORRELLI — No. E16390 — EXP. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.



1
-
PARTIAL ELECTRICAL SITE PLAN
SCALE: 1" = 10'-0"

2
-
PHOTO REFERENCE
NOT TO SCALE

DUCT BANK SCHEDULE

▲ # # ▲	POWER		COMMUNICATION	
	POWER	SPARE	DATA	SPARE
111	–	–	1-1/4"	–
112	1-1/4"	–	–	–
113	1-1/4"	–	1-1/4"	–
114	1-1/2"	–	–	–

NOTES:

DUCT BANK SCHEDULE

▲ # # ▲	POWER		COMMUNICATION	
	POWER	SPARE	DATA	SPARE
39	1", 2"	–	2"	–
40	1-1/4"	–	1-1/4"	–
41	1", (2) 1-1/4"	–	2"	–
42	1", 1-1/4"	–	1-1/4"	–
43	1-1/4"	–	1-1/4"	–
44	1-1/2", 4"	–	–	–
45	1-1/4", 2"	4"	–	–
46	2-1/2"	–	–	–
47	1-1/2", 2-1/2", 4"	–	–	–
48	1-1/4", 2", 2-1/2"	4"	–	–
49	1-1/4", 1-1/2", 2"	–	–	–
50	–	–	2"	–
51	–	–	2"	–
52	–	–	1-1/4"	–
53	–	–	1-1/4"	–
54	–	–	(4) 1-1/4", 2"	–
55	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	–	–
56	1-1/4", 1-1/2"	–	–	–
57	1", (2) 1-1/4", 2"	–	–	–
58	1-1/4", 1-1/2", 2"	–	1-1/4"	–
59	2"	–	–	–
60	1-1/4", 1-1/2"	–	–	–
61	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	2"	–
62	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	–	–
63	(4) 1-1/4", 1-1/2", 2"	–	–	–
64	1-1/4", 1-1/2"	–	1-1/4"	–
65	(3) 1-1/4", 2"	–	–	–
66	1-1/2"	–	–	–
67	1-1/4", 1-1/2"	–	–	–
68	(2) 1-1/4", 2"	–	–	–
69	1-1/2"	–	1-1/4"	–
70	1-1/4", 1-1/2"	–	–	–
71	1-1/2"	–	–	–
72	1-1/4", 1-1/2"	–	1-1/4"	–
73	1-1/4", 2"	–	1-1/4", 2"	–
74	1-1/2"	–	–	–
75	–	–	2"	–
76	–	–	(4) 1-1/4"	–
77	1-1/4", 1-1/2"	–	1-1/4"	–
78	1-1/2"	–	–	–
79	–	–	(3) 1-1/4"	–
80	1-1/2"	–	–	–
81	–	–	1-1/4"	–
82	–	–	(2) 1-1/4"	–
83	1-1/2"	–	–	–
84	1-1/4", 1-1/2"	–	–	–
85	1-1/4"	–	1-1/4"	–
86	1-1/2"	–	–	–
87	–	–	(2) 1-1/4", 2"	–
88	–	–	1-1/4"	–
89	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	–	–
90	(2) 1-1/4", 1-1/2", 2"	–	–	–
91	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	1-1/4"	–
92	–	–	1-1/4"	–
93	2"	–	–	–
94	(4) 1-1/4"	–	–	–
95	1-1/4"	–	–	–
96	(3) 1-1/4"	–	–	–
97	1-1/4"	–	–	–
98	(2) 1-1/4"	–	–	–
99	1-1/4", 1-1/2"	–	1-1/4"	–
100	1-1/4"	–	–	–
101	1-1/4"	–	–	–
102	1-1/4", 1-1/2", 2", 2-1/2"	4"	–	–
103	–	–	2"	–
104	1", 2"	–	–	–
105	1", (2) 1-1/4"	–	–	–
106	–	–	(2) 1-1/4"	–
107	1-1/4"	–	–	–
108	–	–	1-1/4"	–
109	–	–	1-1/4"	–
110	–	–	1-1/4"	–

SHEET NOTES (#)

1. NOT USED
2. NOT USED
3. NOT USED
4. PROVIDE AND INSTALL FIXED BARRIER POST TO PREVENT VEHICULAR DAMAGE TO CHARGING STATION. TYPICAL OF TWO.
5. PROVIDE AND INSTALL NEW INDICATED CONDUIT PROVISIONS FROM EXISTING IDF IN THE STADIUM PRESSBOX FOR FUTURE CAMERAS AND WIRELESS ACCESS POINT. PROVIDE AND INSTALL NEW 12x12x8-INCH (HxWxD) NEMA 3R JUNCTION BOX AND NIPPLE THROUGH THE WALL WITH (2) 2-INCH CONDUIT BACK TO THE EXISTING IDF. ROUTE THE CONDUITS DOWN THE SUPPORT COLUMN.
6. RUN CONDUITS UP THE WALL TO A NEW 10x10x8-INCH (HxWxD) NEMA 3R JUNCTION BOX. FASTEN CONDUITS HIGH UP ON THE WALL TO THEIR RESPECTIVE LOADS. MAKE ALL CONNECITONS.
7. PROVIDE AND INSTALL A 12X10X6-INCH (HxWxD) NEMA 3R JUNCTION BOX ON THE COLUMN, SO, CONDUIT RUN DOES NOT EXCEED THE 360 DEGREE CONDUIT BEND.
8. HAND EXCAVATE WHEN WITHIN 5FT OF THE COLUMN FOUNDATION TO ROUTE CONDUIT ALONG THE EXISTING COLUMN TO THE PRESSBOX.
9. NOT USED.
10. PROVIDE AND INSTALL INDICATED CONDUIT PROVISIONS FOR FUTURE SURVEILLANCE CAMERAS.
11. CONTRACTOR TO PROVIDE AND INSTALL NEW RECEPTACLE WITHIN ENCLOSURE AT 15-FT ON LIGHTING POLE FOR FUTURE CAMERA. MAKE ALL CONNECTIONS.
12. CONTRACTOR TO FASTEN CONDUIT TO THE COLUMN SIDE WHERE THERE IS NO WATER DRAIN PIPING.
13. PROVIDE AND INSTALL NEW 10x10x6-INCH NEMA 3R JUNCTION BOX HIGH UP ON THE WALL FOR MINI SPLIT HVAC SYSTEM. REFER TO MECHANICAL PLANS FOR EQUIPMENT LOCATIONS.

GENERAL NOTES (#)

1. SAW-CUT EXISTING CONCRETE. HAUL AWAY DEBRIS, PATCH, AND REPAIR TO MATCH THE EXISTING SURROUNDING SURFACE.
2. REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR FLAT WORK TYPES.
3. REMOVE PULLBOX LID AND PROVIDE EXTENSION RING AS NEEDED FOR EXISTING PULLBOX LID TO BE FLUSHED WITH THE NEW SURFACE TYPICAL WHERE NEW FLAT WORK OCCURS.
4. ALL AREAS WHERE TRENCHING OCCURS ARE REQUIRED TO UNDERGO A COMPACTION TEST WITH A RESULT OF 95% COMPACTION OR GREATER. REFER TO CIVIL FOR FIRE LANE CONSTRUCTION.

PULL BOX SCHEDULE

	DESIGNATOR	MINIMUM SIZE	LxW (IN)	LID TYPE	SYSTEMS
POWER	PB 'P1'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P2'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P3'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P4'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P5'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P6'	B3048	36.125 x 54.375	H/20	POWER
COMM.	PB 'C1'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C2'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C3'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C4'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C5'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C6'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C7'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C8'	B1324	18.5 x 29.5	H/20	COMM.

NOTES:
1. ALL PULL BOXES SHALL BE EITHER BROOKS, CHRISTY, OR EQUIVALENT.
2. ALL PULL BOXES SHALL BE PROVIDED WITH EXTENSION RINGS AS NEEDED AND BOLT DOWN COVERS AS REQUIRED TO SUIT THE APPLICATION. VERIFY PULL BOX LOCATIONS REQUIRING FULL TRAFFIC COVERS WITH THE ARCHITECT AND CIVIL ENGINEER. USE MAXIMUM OF 2 EXTENSION RINGS FOR PULLBOX DEPTH TO BE 36-IN.
3. LABEL PULL BOXES 'ELECTRICAL' OR 'COMMUNICATIONS' AS REQUIRED.
4. PULL BOX COVERS SHALL BE FULL TRAFFIC H20 RATED.

DUCT BANK SCHEDULE

▲ # # ▲	POWER		COMMUNICATION	
	POWER	SPARE	DATA	SPARE
1	2", 4"	4"	–	–
2	1-1/4", 1-1/2", 2", 4"	4"	–	–
3	–	–	–	–
4	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	(4) 1-1/4", 2"	–
5	1", (5) 1-1/4", (4) 1-1/2", (3) 2", 2-1/2"	–	–	–
6	2-1/2"	–	–	–
7	4"	–	–	–
8	1", (3) 1-1/4", (5) 1-1/2", (3) 2"	–	–	–
9	1", (3) 1-1/4", (3) 2"	–	–	–
10	(5) 1-1/2"	–	–	–
11	1-1/4"	–	–	–
12	1", 1-1/4", 2"	–	2"	–
13	–	–	–	–
14	–	–	–	–
15	1-1/4", 1-1/2"	–	1-1/4"	–
16	1-1/2", 2"	–	–	–
17	–	–	1-1/4"	–
18	(3) 1-1/4", 1-1/2", 2"	–	–	–
19	(2) 1-1/4", 1-1/2", 2"	–	1-1/4"	–
20	1-1/4", 1-1/2", 2"	–	1-1/4", 2"	–
21	1-1/4", (2) 1-1/2", 2", 2-1/2"	4"	–	–
22	1-1/2"	–	–	–
23	1-1/4", 1-1/2"	–	1-1/4"	–
24	(2) 1-1/4", 1-1/2"	–	(2) 1-1/4"	–
25	1-1/4", 1-1/2"	–	1-1/4"	–
26	1-1/2"	–	–	–
27	1-1/4", 1-1/2", 2", 2-1/2"	4"	–	–
28	1-1/2"	–	–	–
29	1-1/2"	–	–	–
30	1-1/2"	–	–	–
31	–	–	(2) 2"	–
32	1-1/4", 1-1/2"	–	–	–
33	–	–	1-1/4"	–
34	–	–	1-1/4"	–
35	–	–	1-1/4"	–
36	(2) 1-1/4", 1-1/2", 2"	–	(2) 1-1/4", 2"	–
37	1-1/4"	–	1-1/4"	–
38	–	–	2"	–

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE
PARTIAL ELECTRICAL SITE PLAN

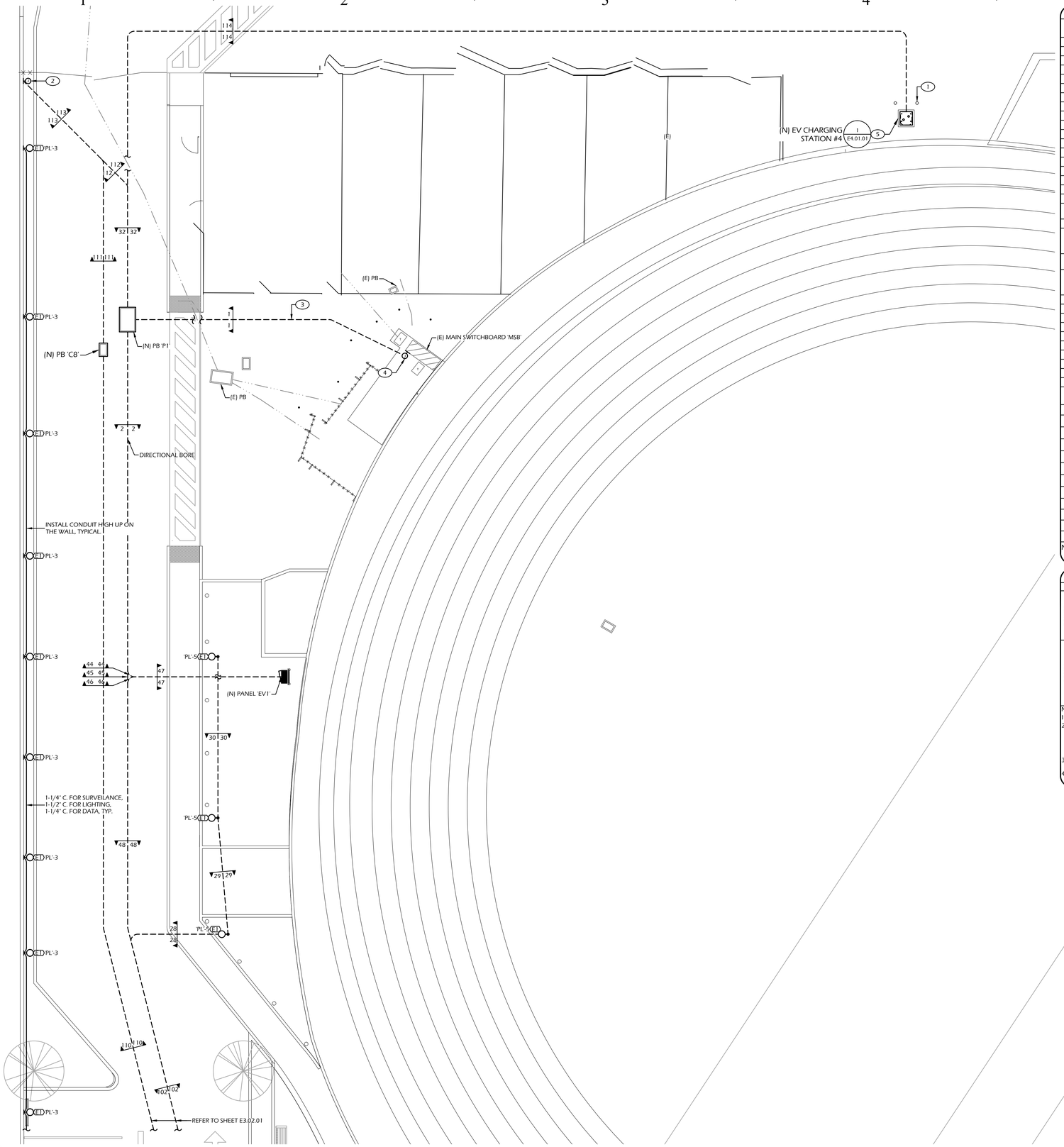
E3.02.01

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The Firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

G:\Educational\PittsburgUSD\PittsburgHighSchool\Parkinglot Replacement\25133E3-02-01.dwg, E3-02-01 -PARTIAL ELECTRICAL SITE PLAN, 11/18/2025 3:54:17 PM, NM2023, AutoCAD PDF (High Quality Print).pc3



1 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1/8" = 1'-0"

DUCT BANK SCHEDULE

#	POWER		COMMUNICATION	
	POWER	SPARE	DATA	SPARE
69	1-1/2"	–	1-1/4"	–
70	1-1/4", 1-1/2"	–	–	–
71	1-1/2"	–	–	–
72	1-1/4", 1-1/2"	–	1-1/4"	–
73	1-1/4", 2"	–	1-1/4", 2"	–
74	1-1/2"	–	–	–
75	–	–	2"	–
76	–	–	(4) 1-1/4"	–
77	1-1/4", 1-1/2"	–	1-1/4"	–
78	1-1/2"	–	–	–
79	–	–	(3) 1-1/4"	–
80	1-1/2"	–	–	–
81	–	–	1-1/4"	–
82	–	–	(2) 1-1/4"	–
83	1-1/2"	–	–	–
84	1-1/4", 1-1/2"	–	–	–
85	1-1/4"	–	1-1/4"	–
86	1-1/2"	–	–	–
87	–	–	(2) 1-1/4", 2"	–
88	–	–	1-1/4"	–
89	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	–	–
90	(2) 1-1/4", 1-1/2", 2"	–	–	–
91	1-1/4", (3) 1-1/2",2", 2-1/2"	–	1-1/4"	–
92	–	–	1-1/4"	–
93	2"	–	–	–
94	(4) 1-1/4"	–	–	–
95	1-1/4"	–	–	–
96	(3) 1-1/4"	–	–	–
97	1-1/4"	–	–	–
98	(2) 1-1/4"	–	–	–
99	1-1/4", 1-1/2"	–	1-1/4"	–
100	1-1/4"	–	–	–
101	1-1/4"	–	–	–
102	1-1/4", 1-1/2", 2", 2-1/2"	4"	–	–
103	–	–	2"	–
104	2"	–	–	–
105	(2) 1-1/4"	–	–	–
106	–	–	(2) 1-1/4"	–
107	1-1/4"	–	–	–
108	–	–	1-1/4"	–
109	–	–	1-1/4"	–
110	–	–	1-1/4"	–
111	–	–	1-1/4"	–
112	1-1/4"	–	–	–
113	1-1/4"	–	1-1/4"	–
114	1-1/2"	–	–	–

NOTES:

PULL BOX SCHEDULE

	DESIGNATOR	MINIMUM SIZE	LxW (IN)	LID TYPE	SYSTEMS
POWER	PB 'P1'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P2'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P3'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P4'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P5'	B3048	36.125 x 54.375	H/20	POWER
	PB 'P6'	B3048	36.125 x 54.375	H/20	POWER
COMM.	PB 'C1'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C2'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C3'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C4'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C5'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C6'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C7'	B1324	18.5 x 29.5	H/20	COMM.
	PB 'C8'	B1324	18.5 x 29.5	H/20	COMM.

NOTES:
1. ALL PULL BOXES SHALL BE EITHER BROOKS, CHRISTY, OR EQUIVALENT.
2. ALL PULL BOXES SHALL BE PROVIDED WITH EXTENSION RINGS AS NEEDED AND BOLT DOWN COVERS AS REQUIRED TO SUIT THE APPLICATION. VERIFY PULL BOX LOCATIONS REQUIRING FULL TRAFFIC COVERS WITH THE ARCHITECT AND CIVIL ENGINEER. USE MAXIMUM OF 2 EXTENSION RINGS FOR PULLBOX DEPTH TO BE 36-IN.
3. LABEL PULL BOXES `ELECTRICAL' OR `COMMUNICATIONS' AS REQUIRED.
4. PULL BOX COVERS SHALL BE FULL TRAFFIC H20 RATED.

SHEET NOTES (#)

1. PROVIDE AND INSTALL FIXED BARRIER POST TO PREVENT VEHICULAR DAMAGE TO CHARGING STATION. TYPICAL OF TWO.
2. PROVIDE AND INSTALL NEW 12"x12"x8" (HxWxD) NEMA 3R ENCLOSURE WITH SUB-PANEL/BACK-PLANE. ENCLOSURE SHALL HAVE VENTILATION HOLES WITH FILTERS, A FAN CONTROLLED BY A THERMOSTAT, AND A HEATER CONTROLLED BY A THERMOSTAT AND HUMIDISTAT. PROVIDE AND INSTALL UV STABLE, WEATERPROOF 1/8" THICK GASKET BETWEEN ENCLOSURE AND MOUNTING SURFACE.
3. CAREFULLY HYDRO EXCAVATE FROM EXISTING MSB BACK TO PULLBOX
4. PROVIDE AND INSTALL A 24x24x8(HxWxD)-INCH NEMA 3R JUNCTION BOX. NIPPLE THROUGH THE EXISTING MSB ENCLOSURE WITH (2) 4-INCH AND (1) 2-INCH NIPPLE CHASE CONDUIT.
5. PROVIDE AND INSTALL 35.4 INCHES (FRONT) BY 37.4 INCHES ON THE SIDE NEW CONCRETE PAD PER MANUFCATURER RECOMMENDATIONS

GENERAL NOTES (◇)

1. SAW-CUT EXISTING CONCRETE. HAUL AWAY DEBRIS, PATCH, AND REPAIR TO MATCH THE EXISTING SURROUNDING SURFACE.
2. REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR FLAT WORK TYPES.
3. REMOVE PULLBOX LID AND PROVIDE EXTENSION RING AS NEEDED FOR EXISTING PULLBOX LID TO BE FLUSHED WITH THE NEW SURFACE TYPICAL WHERE NEW FLAT WORK OCCURS.

HYDRO EXCAVATION GENERAL NOTES

1. CONTRACTOR SHALL UTILIZE HYDRO EXCAVATION IN INDICATED AREAS. IF CONTRACTOR COMES ACROSS AN UNIDENTIFIED UNDERGROUND CONDUIT OR PIPING, CONTRACTOR SHALL HAND EXCAVATE THOSE AREAS.

DUCT BANK SCHEDULE

#	POWER		COMMUNICATION	
	POWER	SPARE	DATA	SPARE
1	2", 4"	4"	–	–
2	1-1/4", 1-1/2", 2", 4"	4"	–	–
3	–	–	–	–
4	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	(4) 1-1/4", 2"	–
5	(5) 1-1/4", (4) 1-1/2", (3) 2", 2-1/2"	–	–	–
6	2-1/2"	–	–	–
7	4"	–	–	–
8	(3) 1-1/4", (5) 1-1/2", (3) 2"	–	–	–
9	(3) 1-1/4", (3) 2"	–	–	–
10	(5) 1-1/2"	–	–	–
11	1-1/4"	–	–	–
12	1-1/4", 2"	–	2"	–
13	–	–	–	–
14	–	–	–	–
15	1-1/4", 1-1/2"	–	1-1/4"	–
16	1-1/2", 2"	–	–	–
17	–	–	1-1/4"	–
18	(3) 1-1/4", 1-1/2", 2"	–		–
19	(2) 1-1/4", 1-1/2", 2"	–	1-1/4"	–
20	1-1/4", 1-1/2", 2"	–	1-1/4", 2"	–
21	1-1/4", (2) 1-1/2", 2", 2-1/2"	4"	–	–
22	1-1/2"	–	–	–
23	1-1/4", 1-1/2"	–	1-1/4"	–
24	(2) 1-1/4", 1-1/2"	–	(2) 1-1/4"	–
25	1-1/4", 1-1/2"	–	1-1/4"	–
26	1-1/2"	–	–	–
27	1-1/4", 1-1/2", 2", 2-1/2"	4"	–	–
28	1-1/2"	–	–	–
29	1-1/2"	–	–	–
30	1-1/2"	–	–	–
31	–	–	(2) 2"	–
32	1-1/4", 1-1/2"	–	–	–
33	–	–	1-1/4"	–
34	–	–	1-1/4"	–
35	–	–	1-1/4"	–
36	(2) 1-1/4", 1-1/2", 2"	–	(2) 1-1/4", 2"	–
37	1-1/4"	–	1-1/4"	–
38	–	–	2"	–
39	2"	–	2"	–
40	1-1/4"	–	1-1/4"	–
41	2"	–	2"	–
42	1-1/4"	–	1-1/4"	–
43	1-1/4"	–	1-1/4"	–
44	1-1/2", 4"	–	–	–
45	1-1/4", 2"	4"	–	–
46	2-1/2"	–	–	–
47	1-1/2", 2-1/2", 4"	–	–	–
48	1-1/4", 2", 2-1/2"	4"	–	–
49	1-1/4", 1-1/2", 2"	–	–	–
50	–	–	2"	–
51	–	–	2"	–
52	–	–	1-1/4"	–
53	–	–	1-1/4"	–
54	–	–	(4) 1-1/4", 2"	–
55	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	–	–
56	1-1/4", 1-1/2"	–	–	–
57	(2) 1-1/4", 2"	–	–	–
58	1-1/4", 1-1/2", 2"	–	1-1/4"	–
59	2"	–	–	–
60	1-1/4", 1-1/2"	–	–	–
61	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	2"	–
62	1-1/4", (3) 1-1/2", 2", 2-1/2"	–	–	–
63	(4) 1-1/4", 1-1/2", 2"	–	–	–
64	1-1/4", 1-1/2"	–	1-1/4"	–
65	(3) 1-1/4", 2"	–	–	–
66	1-1/2"	–	–	–
67	1-1/4", 1-1/2"	–	–	–
68	(2) 1-1/4", 2"	–	–	–

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

PARTIAL ELECTRICAL SITE PLAN

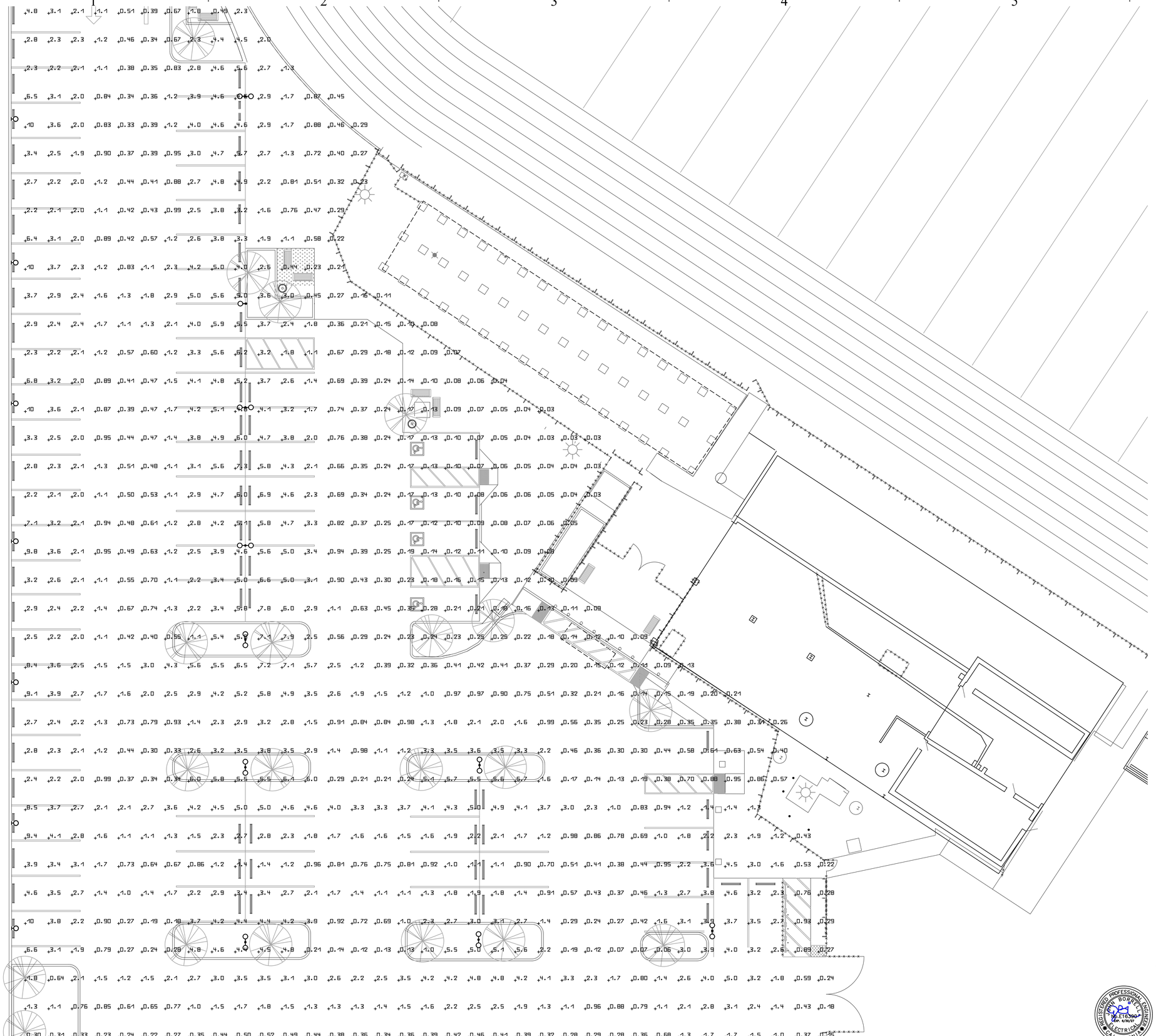
E3.02.02

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

REGISTERED PROFESSIONAL ENGINEER — JOSEPH P. BORRELLI — No. E16390 — Exp. 6/30/27 — ELECTRICAL — CALIFORNIA

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.



1 PARTIAL PHOTOMETRIC SITE PLAN
SCALE: 1" = 10'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

PARTIAL PHOTOMETRIC SITE PLAN

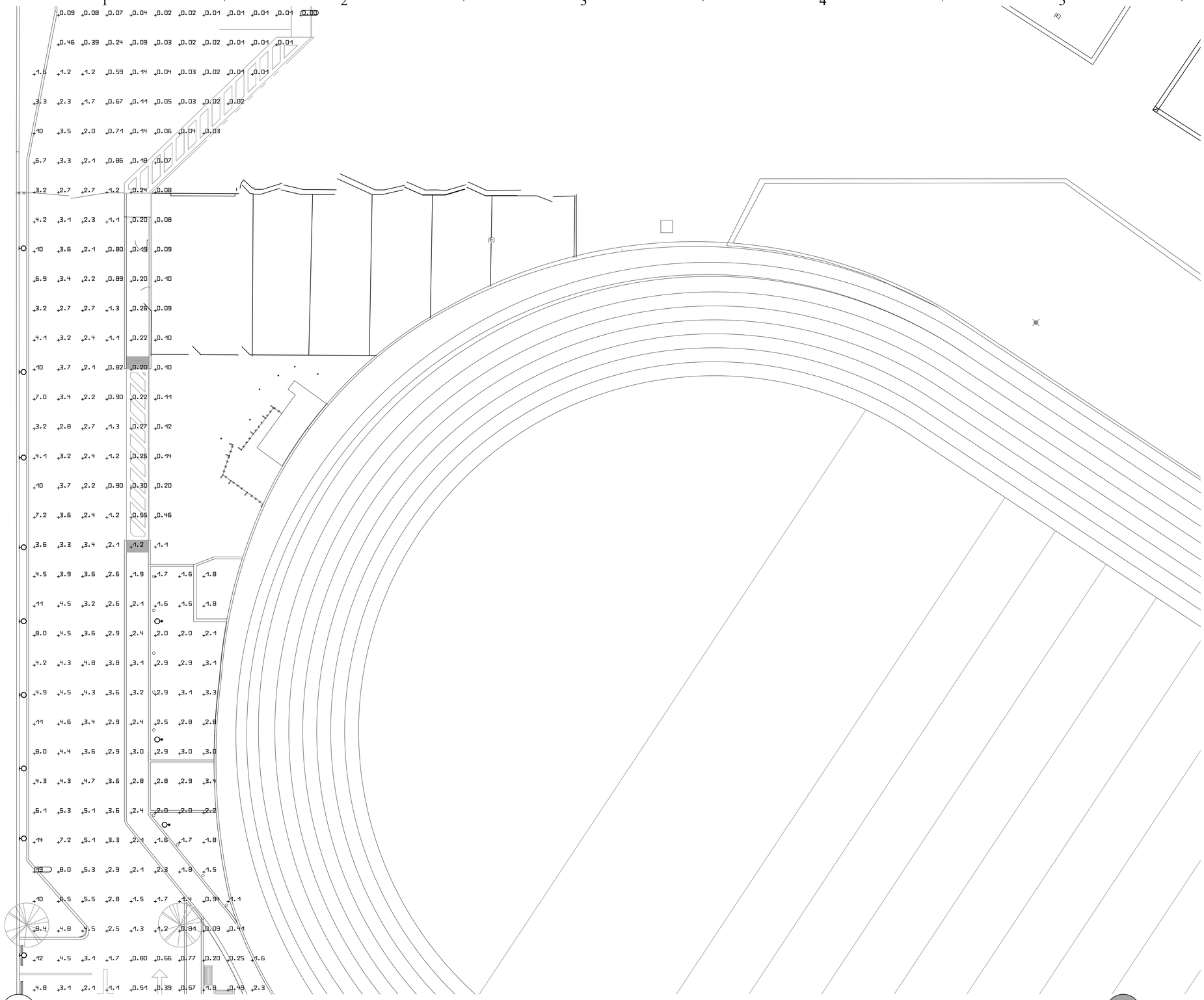
E3.03.01

REGISTERED PROFESSIONAL ENGINEER
BORRELLI
06-ETE390
Exp. 6/30/27
ELECTRICAL
CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.



1 - PARTIAL PHOTOMETRIC SITE PLAN
SCALE: 1" = 10'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

PARTIAL PHOTOMETRIC SITE PLAN

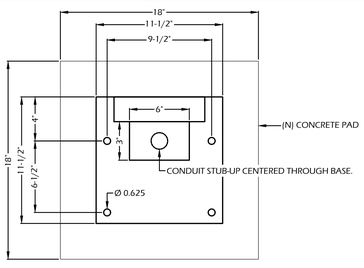
E3.03.02

REGISTERED PROFESSIONAL ENGINEER JOSEPH BORELLI ELECTRICAL CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

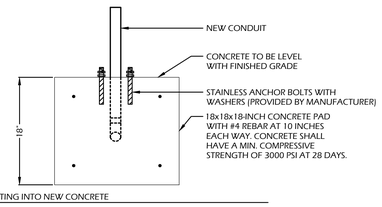
SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.



A EV CHARGING STATION FOOTPRINT

NOTES:
1. THE CONCRETE BLOCK MUST MEASURE AT LEAST 18" ON ALL SIDES.
2. THE CONDUIT MUST EXTEND 12" TO 24" ABOVE THE CONCRETE
3. REFER TO THE +INCHARGE ENERGY PREMIUM RETRACTOR INSTALLATION MANUAL FOR DETAILED INSTALLATION INSTRUCTIONS.

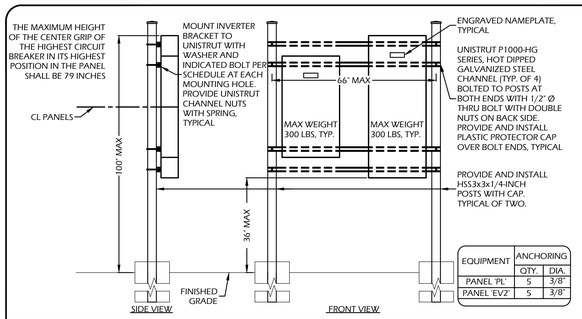


B CASTING INTO NEW CONCRETE

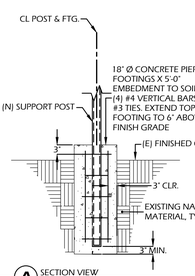
NOTE:
REFER TO +INCHARGE ENERGY PREMIUM RETRACTOR INSTALLATION MANUAL INSTALLATION GUIDE FOR STEP BY STEP INSTALLATION REQUIREMENTS AND MATERIALS

9 - **EV CHARGING STATION MOUNTING - SINGLE AND DUAL PORT LEVEL 2**

NOT TO SCALE GB-0261-02-02-01



EQUIPMENT	ANCHORING QTY.	DIA.
PANEL 'PL'	5	3/8"
PANEL 'EV2'	5	3/8"

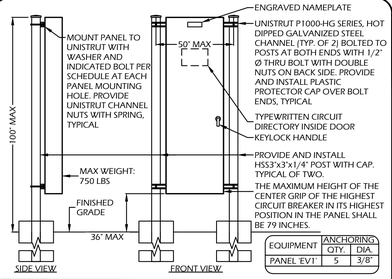


A SECTION VIEW NO SCALE

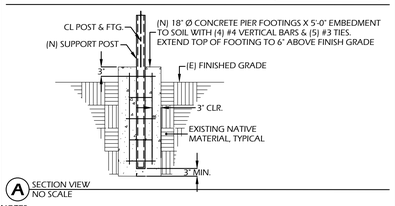
NOTES:
1. THE CONTRACTOR SHALL LAY OUT THE ELECTRICAL EQUIPMENT PRIOR TO THE CONCRETE POUR IN ORDER TO PROVIDE EQUIPMENT SPACING AS INDICATED.
2. REFER TO SHEET E1.02.01 WEIGHT AND DIMENSIONS SCHEDULE FOR THE WEIGHTS AND DIMENSIONS OF THE EQUIPMENT

10 - **TYPICAL POST MOUNTED PANELS MOUNTING DETAIL**

NOT TO SCALE GB-0043-07-02-02



EQUIPMENT	ANCHORING QTY.	DIA.
PANEL EV1'	5	3/8"

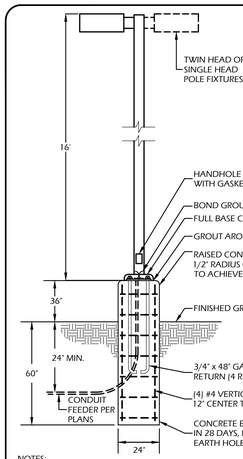


A SECTION VIEW NO SCALE

NOTES:
1. THE CONTRACTOR SHALL LAY OUT THE ELECTRICAL EQUIPMENT PRIOR TO THE CONCRETE POUR IN ORDER TO PROVIDE EQUIPMENT SPACING AS INDICATED.
2. REFER TO SHEET E1.02.01 WEIGHT AND DIMENSIONS SCHEDULE FOR THE WEIGHTS AND DIMENSIONS OF THE EQUIPMENT

11 - **TYPICAL POST MOUNTED SINGLE PANEL MOUNTING DETAIL**

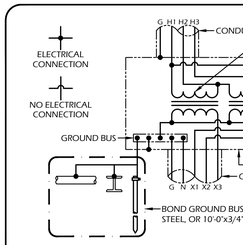
NOT TO SCALE GB0239-02-02-02



NOTES:
1. LIGHT POLE IS EXEMPT PER IR -22 AND IS NOT PART OF DSA APPROVAL.

6 - **POLE MOUNTED FIXTURE DETAIL WITHOUT SURVEILLANCE CAMERA PROVISIONS**

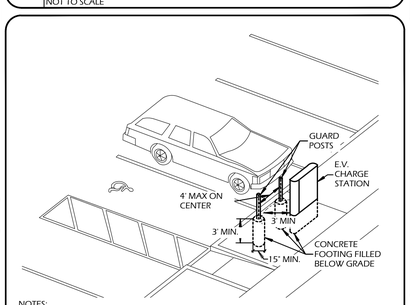
NOT TO SCALE GB13-1-20



NOTES:
1. SIZE CONDUITS AND CONDUCTORS PER THE SINGLE LINE DIAGRAM.

7 - **TRANSFORMER GROUNDING AND CONNECTION DETAIL**

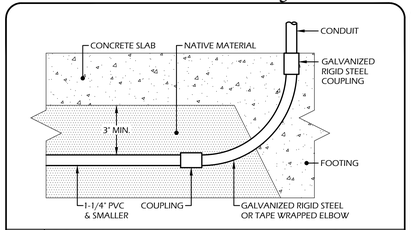
NOT TO SCALE



NOTES:
1. E.V. CHARGING STATION REQUIRING VEHICLE IMPACT
2. PROTECTION - GUARD POSTS
   - 4" MINIMUM TUBE STEEL FILLED SOLID WITH CONCRETE
3. TOP OF THE POSTS TO BE NO LESS THAN 3 FEET ABOVE GROUND.
4. LOCATED NO LESS THAN 3 FEET FROM PROTECTED OBJECT.
5. SET NO LESS THAN 3 FEET DEEP IN A CONCRETE FOOTING OF NO LESS THAN A 15-INCH DIA.

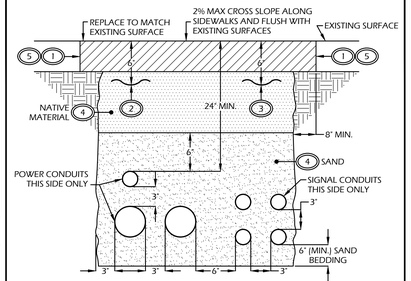
8 - **TYPICAL BARRIER PROTECTION DETAIL FOR EV CHARGING STATION SUBJECT TO VEHICLE DAMAGE**

NOT TO SCALE GB0260-02-02-03



2 - **CONDUIT INSTALLATION AT CONCRETE SLAB ON GRADE**

NOT TO SCALE GB30-02-14

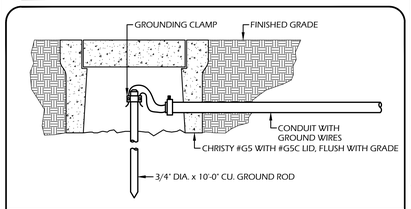


DETAIL NOTES (#)

1. SAWCUT ALL EDGES NEATLY.
2. PROVIDE AND INSTALL DETECTABLE WARNING TAPE MARKED "POWER" ABOVE POWER CONDUITS.
3. PROVIDE AND INSTALL DETECTABLE WARNING TYPE MARKED "COMMUNICATIONS" ABOVE COMMUNICATIONS CONDUIT.
4. THE CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A SOILS LAB TO TEST FOR THE COMPACTION OF THE BACKFILL. A SOILS PROFILE SHALL BE DONE OF THE EXCAVATED NATIVE TRENCHED DIRT SO THE COMPACTION TEST CAN BE COMPARED WITH THE NATIVE DIRT PROFILE. THE CONTRACTOR SHALL PROVIDE ALL COMPACTION OF THE TRENCH REQUIRED TO MEET A 95% COMPACTION REQUIREMENT. AN INSPECTED AND SIGNED COMPACTION TESTING REPORT SHALL BE PROVIDED BY THE SOILS TESTING LAB AND COPY OF THE COMPACTION TEST SHALL BE PROVIDED TO THE ENGINEER OF RECORD/PROJECT COORDINATOR PRIOR INSTALLING THE HARDSCAPE. THE CONTRACTOR SHALL BE REQUIRED TO PAY FOR ALL TESTS UNTIL THE COMPACTION RESULTS MEET OR EXCEED THE COMPACTION REQUIREMENTS.
5. PROVIDE 12"x1/2", STEEL REBAR DOWELS AT 12" CENTER TO CENTER ALONG ENTIRE PATH OF TRENCH BENEATH CONCRETE. DOWELS SHALL BE INSERTED 6" INTO EXISTING CONCRETE. PREPARE THE EXISTING CONCRETE BY DRILLING HOLES WITHIN IT AND PROVIDING EPOXY TO HOLD THE DOWEL IN PLACE.

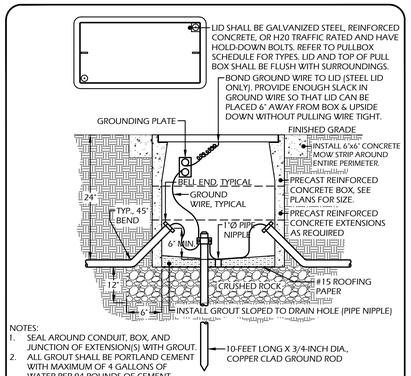
3 - **TRENCH DETAIL WITHOUT SPACERS AND UNDER EXISTING SURFACE**

NOT TO SCALE



4 - **TYPICAL GROUND ROD/WELL DETAIL**

NOT TO SCALE GB30-01-06



NOTES:
1. SEAL AROUND CONDUIT, BOX, AND JUNCTION OF EXTENSION(S) WITH GROUT.
2. ALL GROUT SHALL BE PORTLAND CEMENT WITH MAXIMUM OF 4 GALLONS OF WATER PER 94 POUNDS OF CEMENT.

5 - **PULL BOX DETAIL**

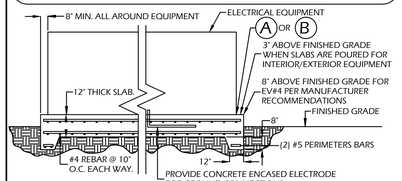
NOT TO SCALE GB30-01-01

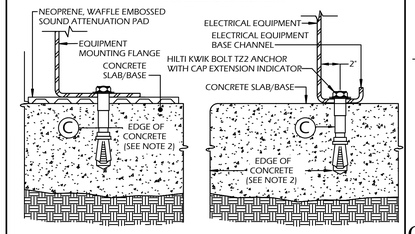
HILTI KWIK BOLT TZ2 STAINLESS STEEL NOTES

1. EXPANSION ANCHORS SHALL BE STAINLESS STEEL HILTI KWIK BOLT KB-TZ2 AS MANUFACTURED BY HILTI, INC., 5400 SOUTH 122ND EAST AVENUE, TULSA, OKLAHOMA 74146. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND I.C.C. REPORT NO. ESR-4266.
2. TEST VALUES AND INSTALLATION REQUIREMENTS SHALL BE AS FOLLOWS:

EQUIPMENT	QTY.	BOLT SIZE	EFF. EMBED	EDGE DISTANCE	SPACING	CONC THKS.	TORQUE INSTALLATION
TX-EV2	4	1/2"	3 -1/4"	6"	6"	5-1/2"	40# FT
EV#4	4	3/8"	2 -1/2"	5"	5"	5"	30# FT

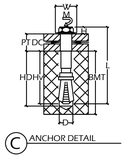
3. PLACEMENT GUIDELINES FOR ABOVE VALUES IN ITEM 2 REQUIRE THE FOLLOWING CONDITIONS:
   3.1. TABLE VALUES ARE BASED ON F'C = 3000 PSI MIN.
   3.2. HOLES DRILLED WITH A HAMMER DRILL AND CARBIDE BIT COMPLYING W/ ANSI B212.15-1994.
   3.3. BIT DIAMETER EQUALS THE SIZE OF THE ANCHOR BEING INSTALLED.
   3.4. HOLE DEPTH MUST EXCEED EFF. EMBED PER ICC REPORT.
   3.5. ANY SEISMIC DESIGN CATEGORY PER 2022 C.B.C.
   3.6. A.C.I. "CRACKED" CONCRETE CONDITION IS SUFFICIENT.
   3.7. FOR STAINLESS STEEL BOLTS UNLESS SPECIFIED OTHERWISE.
4. WHEN INSTALLING EXPANSION ANCHORS IN EXISTING CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A MINIMUM CLEARANCE OF ONE-INCH BETWEEN THE EXISTING REINFORCEMENT AND THE EXPANSION ANCHOR.
5. KWIK BOLT TZ2 EXPANSION ANCHORS SHALL BE INSTALLED IN HOLES DRILLED WITH HILTI CARBIDE TIPPED DRILL BITS. ANCHORS SHALL BE INSTALLED AND TORQUED PER MANUFACTURERS RECOMMENDATIONS.
6. ANCHOR SIZES, QUANTITIES, AND TORQUES SHALL BE PER TABLES.
7. REFER TO ESR-4266 REPORT FOR FURTHER REQUIREMENTS.
8. POST-INSTALLED ANCHORS SHALL BE INSTALLED PER THE TORQUE LISTED WITH SPECIAL INSPECTION.
9. CONTRACTOR TO OBTAIN SPECIAL INSPECTIONS TESTING TO VERIFY BOLTS ARE TORQUED PROPERLY AND A REPORT SHALL BE PROVIDED TO THE ENGINEER OF RECORD AND THE PROJECT INSPECTOR.





A MOUNTING WITH SOUND PAD DETAIL TRANSFORMER INSTALLATIONS

B MOUNTING WITHOUT SOUND PAD DETAIL DIST.BOARD, MAIN SWITCHBOARDS, ETC.



C ANCHOR DETAIL

1 - **FREESTANDING ELECTRICAL EQUIPMENT TYPICAL FOR ALL GROUND MOUNTED EQUIPMENT**

NOT TO SCALE GB26-01-04

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

TYPICAL ELECTRICAL DETAILS

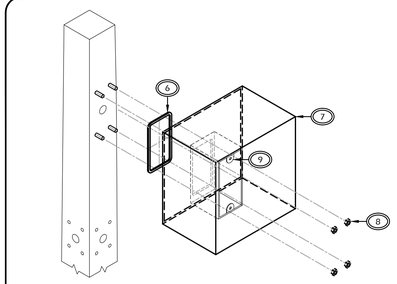
E4.01.01

REGISTERED PROFESSIONAL ENGINEER — ROY P. BORRELLI — No. E16390 — Exp. 6/30/27 — ELECTRICAL — CALIFORNIA

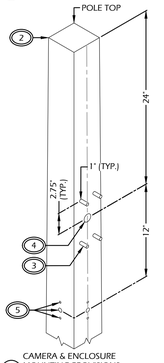
Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

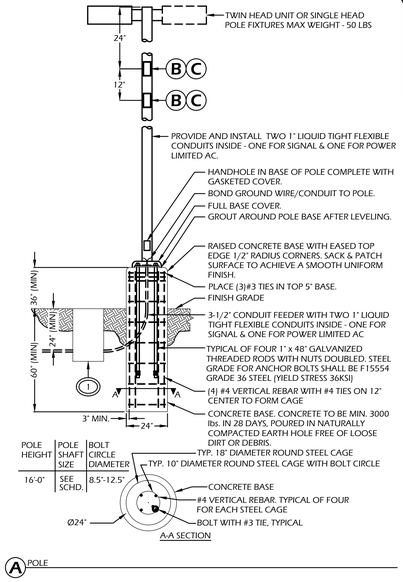
Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.



B ENCLOSURE MOUNTING



C CAMERA & ENCLOSURE MOUNTING PROVISIONS



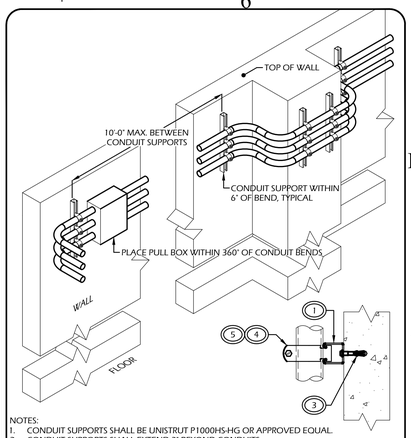
A POLE

DETAIL NOTES (#)

1. N30 SIZE PULLBOX WITH BARRIERS BETWEEN POWER, POWER LIMITED, AND SIGNAL SECTIONS. PULLBOX COVER SHALL BE H20 TRAFFIC RATED. INSTALL WHEN SHOWN ON THE SITE PLAN.
2. POLE SHALL BE PER LIGHT FIXTURE SCHEDULE.
3. POLE MANUFACTURER SHALL WELD FOUR 3/8"x1" LONG, HIGH STRENGTH, STAINLESS BOLTS ON ONE SIDE OF THE POLE.
4. POLE MANUFACTURER SHALL DRILL 1" DIAMETER HOLE ON ONE SIDE OF THE POLE.
5. POLE MANUFACTURER SHALL DRILL HOLES FOR CAMERA MOUNTING ON EACH SIDE OF POLE. VERIFY SIZE AND SPACING WITH CAMERA MANUFACTURER.
6. PROVIDE AND INSTALL UV STABLE, WEATHERPROOF, 1/8" THICK GASKET BETWEEN ENCLOSURE AND POLE.
7. PROVIDE AND INSTALL A 12"x12"x8" DEEP, LOCKABLE, NEMA-3R ENCLOSURE WITH SUB-PANEL/BACK-PLANE. ENCLOSURE SHALL HAVE VENTILATION HOLES WITH FILTERS, A FAN CONTROLLED BY A THERMOSTAT, AND A HEATER CONTROLLED BY A THERMOSTAT AND HUMIDISTAT.
8. SECURE ENCLOSURE TO POLE BY INSTALLING A WASHER AND NUT ON ALL BOLTS INSTALLED BY POLE MANUFACTURER.
9. PROVIDE AND INSTALL NEW SINGLE GANG RECEPTACLE WITHIN ENCLOSURE.

3 — **POLE MOUNTED FIXTURE DETAIL WITH SURVEILLANCE CAMERA MOUNTING PROVISIONS**

NOT TO SCALE



NOTES:
1. CONDUIT SUPPORTS SHALL BE UNISTRUT P1000HS-HG OR APPROVED EQUAL.
2. CONDUIT SUPPORTS SHALL EXTEND 3" BEYOND CONDUITS.
3. MOUNT CONDUIT SUPPORTS TO WALL WITH HILTI 1/2"x3-3/4", STAINLESS STEEL KWIK-BOLT TZ2 EXPANSION ANCHORS. EACH SUPPORT SHALL BE FASTENED IN PLACE WITH A MINIMUM OF TWO BOLTS. TORQUE PER ICC-ES ESR-4266 FOR CONCRTET AND 4561 FOR CMU. BOLT SPACING SHALL NOT EXCEED 12". FOR CMU WALLS, INSTALL BOLTS AS CLOSE TO CENTER OF THE BLOCKS AS POSSIBLE.
4. MOUNT CONDUITS TO CONDUIT SUPPORTS WITH ELECTRO-GALVANIZED UNISTRUT, OR APPROVED EQUAL, PIPE CLAMPS. MODEL NUMBERS OF CLAMPS WILL VARY DEPENDING ON SIZE AND TYPE OF CONDUITS.
5. THE CONDUIT SUPPORTS AND PIPE CLAMPS SHALL BE MADE BY THE SAME MANUFACTURER.
6. MOUNT CONDUIT NEAR TOP OF WALL UNLESS OTHERWISE NOTED.
7. PROVIDE A PULL BOX ON EACH SIDE OF A COLUMN OR OTHER OBSTRUCTION REQUIRING BENDS IN THE CONDUITS.
8. COORDINATE WITH THE STRUCTURAL PLANS.

1 — **TYPICAL CONDUIT MOUNTING AT CONCRETE OR CMU WALL OR HORIZONTAL MOUNTING**

NOT TO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

TYPICAL ELECTRICAL DETAILS

E4.01.02

REGISTERED PROFESSIONAL ENGINEER — BORRELLI — PAUL — No. E16390 — EXP. 6/30/27 — ELECTRICAL — CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559.233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:** (Page 3 of 4)
	Date Prepared: 2025-07-22T13:30:37-04:00

K. 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

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

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no NRCA forms required for this project.

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:** (Page 4 of 4)
Project Address: 2000 RAILROAD AVE. PITTSBURG, CA 94565	**Date Prepared:** 2025-07-22T13:30:37-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: John Borrelli, PE	Documentation Author Signature:
Company: Borrelli and Associates, Inc.	Signature Date: 08-18-25
Address: 2032 NORTH GATEWAY BOULEVARD	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: FRESNO, CA 93727	Phone: (559) 233-4138

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 owner at occupancy.

Responsible Designer Name: JOHN BORRELLI, P.E.	Responsible Designer Signature:
Company: BORRELLI AND ASSOCIATES, INC.	Date Signed: 08-18-25
Address: 2032 NORTH GATEWAY BOULEVARD	License: E16390
City/State/Zip: FRESNO, CA 93727	Phone: (559) 233-4138

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time:
Report Version: 2022.0.000
Schema Version: rev 20220101
Documentation Software: Energy Code Ace
Compliance ID: 313194-0725-0003
Report Generated: 2025-07-22 10:30:39

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
This document is used to demonstrate compliance with mandatory requirements in 130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 160.6 and 160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per 180.1(a) or 180.2 (b)4Bvii	
Project Name: Pittsburg HS - Stadium Parking	**Report Page:** (Page 1 of 4)
Project Address: 2000 RAILROAD AVE. PITTSBURG, CA 94565	**Date Prepared:** 2025-07-22T13:30:37-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Pittsburg	02 Climate Zone	12
			03 Occupancy Types Within Project:	All Other Occupancies

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Scope of Work[1]	Rating[2] (kVA)	Utility Provided Metering System Exception to 130.5(a)/ 160.6(a)[3]	System subject to CA Elec Code Article 517 Exception to 130.5(a)and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
Addition of new panels to support parking lot lighting and electric vehicle charge stations	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 120.2/ 160.3, 130.1/ 160.5, and 130.3/ 160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

[1] FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.
[2] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.
[3] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time:
Report Version: 2022.0.000
Schema Version: rev 20220101
Documentation Software: Energy Code Ace
Compliance ID: 313194-0725-0003
Report Generated: 2025-07-22 10:30:39

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:** (Page 2 of 4)
	Date Prepared: 2025-07-22T13:30:37-04:00

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	06
Service Electrical Metering 130.5(a)/ 160.6(a) (See Table F)	AND	Separation for Monitoring 130.5(b)/ 160.6(b) (See Table G)	AND	Voltage Drop 130.5(c)/ 160.6(c) (See Table H)	AND	Controlled Receptacles 130.5(d)/ 160.6(d) (See Table I)	Electric Ready 160.9 (See Table J)	**Compliance Results**
	AND		AND	Yes	AND			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.

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)/ 160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)2Pii/ 180.2(b)4Bviic.

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
Addition of new panels to support parking lot lighting and electric vehicle charge stations	☒ Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	Contractor Responsible		☐	☐

** 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".

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time:
Report Version: 2022.0.000
Schema Version: rev 20220101
Documentation Software: Energy Code Ace
Compliance ID: 313194-0725-0003
Report Generated: 2025-07-22 10:30:39

REGISTERED PROFESSIONAL ENGINEER
JOHN BORRELLI
No. E16390
Exp. 6/30/27
ELECTRICAL
CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

POWER TITLE 24

E5.01.01

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:**	**(Page 3 of 7)**
	Date Prepared:	2025-07-22T13:26:46-04:00

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 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)2L 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). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1,2]	How is Wattage determined	Total Number Luminaires[2]	Luminaire Status[3]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1[4]	Field Inspector	
										Pass	Fail
S1	5,628 lumens (nominal), Led fixture pole mounted	☐ Linear	57	Mfr. Spec	18	New	☐	1,026	NA: < 6200 lumens	☐	☐
							Total Design Watts:	1026			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)*
[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*
[3] *Select "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.*
[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)*

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:**	**(Page 4 of 7)**
	Date Prepared:	2025-07-22T13:26:46-04:00

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.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
Parking Lot: "S1"	Photocontrol	Provided	Provided	☐	☐

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*
[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*
[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time:
Report Version: 2022.0.000
Schema Version: rev 20220101
Documentation Software: Energy Code Ace
Compliance ID: 313194-0725-0002
Report Generated: 2025-07-22 10:26:48

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.		
Project Name: Pittsburg HS - Stadium Parking	**Report Page:**	**(Page 1 of 7)**
Project Address: 2000 RAILROAD AVE. PITTSBURG, CA 94565	**Date Prepared:**	2025-07-22T13:26:46-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Pittsburg	04	Total Illuminated Hardscape Area (ft²)	953.5
02	Climate Zone	12			
03	Outdoor Lighting Zone per Title 24 Part 1	10.114 or as designated by Authority Having Jurisdiction (AHJ):			
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval		
☐	LZ-1: Low - Rural Areas	☒ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				
• School or Classroom					

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 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02		
☐ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6		
☒ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	● Yes	○ No
03	04	05	
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method	
☐ < 10% ☐ >= 10% and < 50% ☐ >= 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.*

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time:
Report Version: 2022.0.000
Schema Version: rev 20220101
Documentation Software: Energy Code Ace
Compliance ID: 313194-0725-0002
Report Generated: 2025-07-22 10:26:48

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:**	**(Page 2 of 7)**
	Date Prepared:	2025-07-22T13:26:46-04:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. 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 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv														Compliance Results		
01		02		03		04		05		06		07		08		09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	**Total Allowed** (Watts)	≥	**Total Actual** (Watts)		**07 must be >= 08**
1,026.9	+	---	+	---	+	---	+	---	OR	---	=	1,026.9	≥	1,026		COMPLIES
Shielding Compliance (See Table G for Details)																N/A
Controls Compliance (See Table H for Details)																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.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time:
Report Version: 2022.0.000
Schema Version: rev 20220101
Documentation Software: Energy Code Ace
Compliance ID: 313194-0725-0002
Report Generated: 2025-07-22 10:26:48

REGISTERED PROFESSIONAL ENGINEER
JOSEPH BORRELLI
No. E18390
Exp. 6/30/27
ELECTRICAL
CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The Firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

OUTDOOR LIGHTING
TITLE 24

E5.02.01

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:** (Page 1 of 7)
Project Address: 2000 RAILROAD AVE. PITTSBURG, CA 94565	**Date Prepared:** 2025-07-22T13:26:46-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: John Borrelli, PE	Documentation Author Signature:
Company: Borrelli and Associates, Inc.	Signature Date: 08-18-25
Address: 2032 NORTH GATEWAY BOULEVARD	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: FRESNO, CA 93727	Phone: [559] 233-4138

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 owner at occupancy.

Responsible Designer Name: JOHN BORRELLI, P.E.	Responsible Designer Signature:
Company: BORRELLI AND ASSOCIATES, INC.	Date Signed: 08-18-25
Address: 2032 NORTH GATEWAY BOULEVARD	License: E16390
City/State/Zip: FRESNO, CA 93727	Phone: [559] 233-4138

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:** (Page 5 of 7)
	Date Prepared: 2025-07-22T13:26:46-04:00

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. 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. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

01				
	"Use it or lose it" Allowance (select all that apply) (select all that apply)			
☒ General Hardscape Allowance Table I (below)	☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☐ Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
Parking Lot	39818.84	0.021	836.2	953.5	0.2	190.7	1026.9
					Initial Wattage Allowance for Entire Site (Watts):		
					Instances of Initial Wattage Allowance (LZ 0 only)[1]		
					Total General Hardscape Allowance (Watts):		1026.9

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.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: Pittsburg HS - Stadium Parking	**Report Page:** (Page 7 of 7)
Project Address:	**Date Prepared:** 2025-07-22T13:26:46-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: John Borrelli, PE	Documentation Author Signature:
Company: Borrelli and Associates, Inc.	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

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 owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
Company:	Date Signed:
Address:	License:
City/State/Zip:	Phone:

REGISTERED PROFESSIONAL ENGINEER JOHN BORRELLI No. E16390 Exp. 6/30/27 ELECTRICAL CALIFORNIA

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559.233-4138
http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com
BAI Project #25133

SCAN ME

Copyright 2024 by Borrelli and Associates, Inc. All rights reserved. The firm of Borrelli and Associates, Inc. and its subsidiary companies reserves its common law copyright and other applicable property rights in these plans. These plans are not to be reproduced, changed, or copied in any form or manner whatsoever, nor are they to be assigned to a third party without first obtaining the express written permission and consent of Borrelli and Associates, Inc. and its subsidiary companies. In the event of an unauthorized reuse of these plans by a third party, the third party shall hold the firm of Borrelli and Associates, Inc. and its subsidiary companies harmless and shall bear the cost of Borrelli and Associates, Inc. and its subsidiary companies legal fees associated with defending and enforcing these rights.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
2106 Bolero Drive
BayPoint, CA
(925)291-2048 MAIN
(559) 240-0288 CELL
WWW.CHACONARCHITECTURE.COM

PITTSBURG HIGH SCHOOL STADIUM PARKING

1750 Harbor Street
Pittsburg, CA

Pittsburg Unified School District
2000 Railroad Ave.
Pittsburg, CA 94565

MARK	DATE	DESCRIPTION

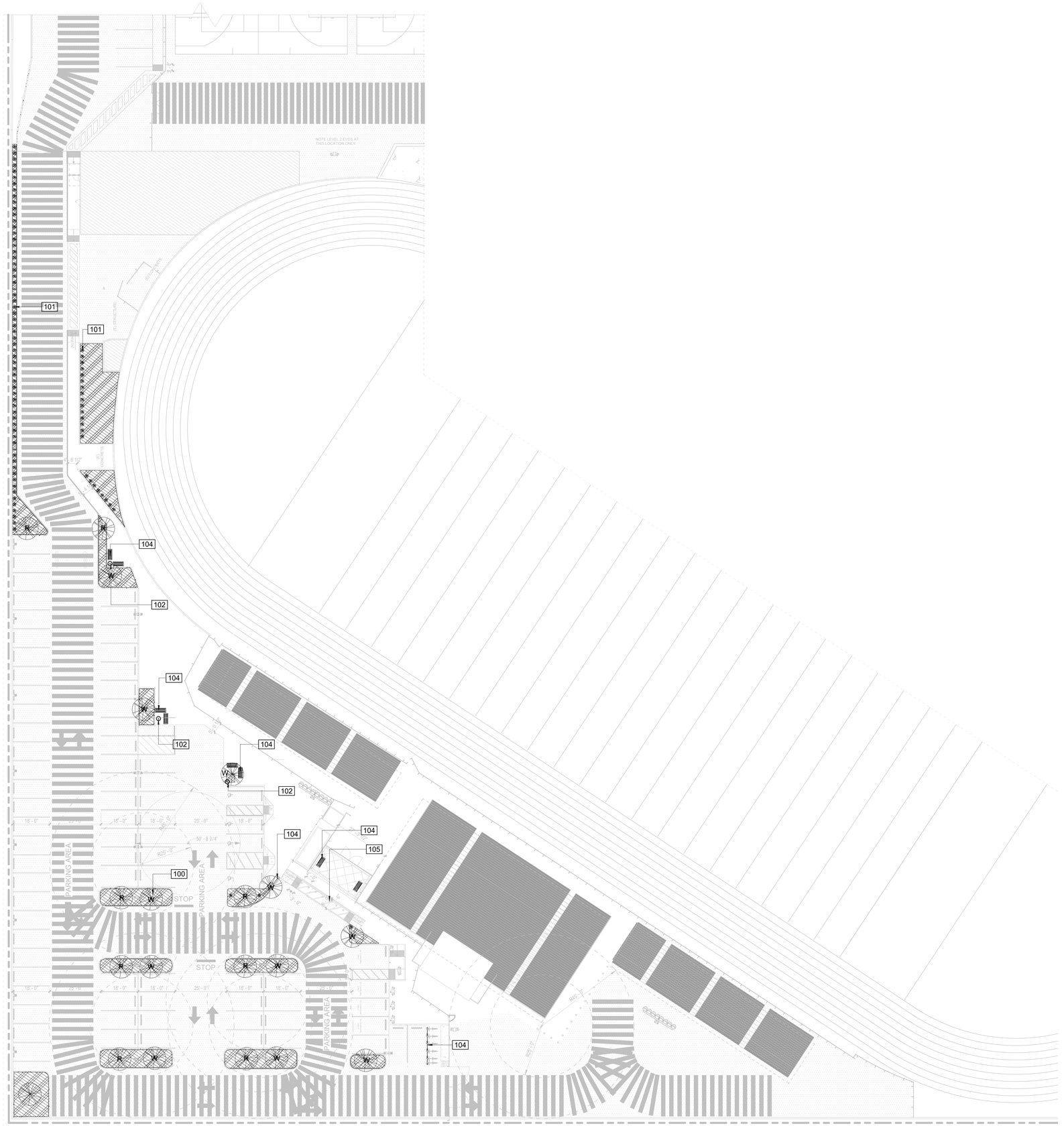
PROJECT NO:
MODEL FILE:
DRAWN BY: JB
COPYRIGHT: BAI

SHEET TITLE

OUTDOOR LIGHTING
TITLE 24

E5.02.02

Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



1 LANDSCAPE PLAN
1" = 20'-0"

KEYNOTES

100 (E) TREES COORDINATE WITH ELECTRICAL PLANS & CIVIL.

101 (N) SHRUBS SEE LEGEND BELOW.

102 (N) TRASH RECEPTACLE SEE EQUIPMENT PLAN DETAIL 1/L1.1

103 (N) BIKE RACKS SEE EQUIPMENT PLAN DETAIL 2/L1.1

104 (N) BENCH SEE EQUIPMENT PLAN DETAIL 3/L1.1

105 (N) REMOVABLE BOLLARD SEE EQUIPMENT PLAN DETAIL 4/L1.1

LEGEND

R — 25 GALLON CREPE MYRTEL (RED) LAGERSTOEMIA INDICA 24" BOX , 25 GALLON

W — 25 GALLON CREPE MYRTEL (WHITE) LAGERSTOEMIA INDICA ALBA 24" BOX , 25 GALLON

NEW SITE BENCH SEE EQUIPMENT SHEET

NEW TRASH RECEPTACLE SEE EQUIPMENT SHEET L1.1

NEW MULCH: ALL PLANTING AREAS WERE SHOWN WITH 3 INCH DEPTH OF RECYCLED WOOD FIBER, UV STABILIZED, DYED -COLOR FAST BLACK WITH A PH OF NO HIGHER THAN 5.0 AND A FREE OF NOXIOUS WEEDS AND FOREIGN MATERIALS. # 135 BLACK CHIP FROM "RE-USER INC." OR APPROVED EQUAL. SUBMIT SAMPLE TO DISTRICT AND ARCHITECT.

NEW BIKE RACK SEE EQUIPMENT SHEET L1.1

NEW ROSE BUSHES , ROSE VAVOOM

GENERAL NOTES

1.THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH ANS AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA, AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.

2.CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.

3.CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF ALL EXISTING AND FUTURE UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH WORK TO BE DONE. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO DIGGING. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE.

4.FINE GRADING, HEADERS, AND IRRIGATION COVERAGE SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANTING OPERATIONS.

5.CONTRACTOR SHALL LAY OUT PLANT MATERIAL PER PLAN AND FIELD CONDITIONS TO GIVE BEST APPEARANCE OR RELATION TO ADJACENT PLANTS, STRUCTURES, OR VIEWS. CONTRACTOR SHALL OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

6.PLANT MATERIAL SHALL NOT BE INSTALLED IN AN AREA WHICH WILL CAUSE HARM TO ADJACENT STRUCTURES OR OBSTRUCT IRRIGATION SPRAY PATTERN. NOTIFY THE OWNER'S REPRESENTATIVE SHOULD CONFLICTS ARISE.

7.PRIOR TO PLANTING INSTALLATION, CONTRACTOR SHALL OBTAIN APPROVAL OF PLANT LAYOUT FROM THE DISTRICT. PLANT LOCATIONS ARE DIAGRAMMATIC AND MAY BE ADJUSTED IN THE FIELD AT THE DISTRICT'S REQUEST.

8.CONTRACTOR SHALL COORDINATE PLANT LOCATION TO DRIP TUBING LOCATION AND ADJUST PLANTING AS NECESSARY TO ACHIEVE BEST RESULTS.

9.ALL NON-PLANTED AREAS SHALL BE MULCHED WITH A MINIMUM 3" LAYER OF BARK MULCH. UNLESS OTHERWISE NOTED, FINISH GRADE OF PLANTING AREAS SHALL BE 3" BELOW ADJACENT PAVING. TAPER 3" DEPTH BARK MULCH TOP DRESSING TO 1/2" BELOW ADJACENT PAVING (1 1/2" DEPTH) WITHIN 2' OF PAVING. CONTRACTOR SHALL SUBMIT A SAMPLE FOR REVIEW AND APPROVAL PRIOR TO MULCH DELIVERY TO THE SITE.

10.GROUND COVERS SHALL BE PLANTED EVENLY AND CONTINUOUSLY UNDER TREES AND SHRUB MASSES.

11.CONTRACTOR SHALL USE NATURAL PER-EMERGENT SUCH AS CORN WEED BLOCKER OR COMPARABLE AND SHALL APPLY ACCORDING TO THE MFRS. DIRECTIONS PRIOR TO APPLYING MULCH.

12.ALL NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING.

13. THIRTY DAYS AFTER PLANTING THE CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS NEEDED.

14.THE CONTRACTOR SHALL PROVIDE FOR IN THEIR BID FOR A BASE AMENDMENT FOR SOIL AMENDMENT. AFTER ROUGH GRADING OF THE SITE A SOIL NUTRIENT TEST WILL BE CONDUCTED OF VARIOUS PLANTED AREAS AND THE PLANTER AREAS SHALL BE AMENDED BASED ON THIS SOIL MANAGEMENT REPORT.

15.SEE CIVIL ENGINEERS GRADING PLAN FOR GRADING AND DRAINAGE DESIGN ON THIS PROJECT.

16.CONTRACTOR SHALL ENSURE A 5 FOOT CLEARANCE RADIUS FROM ALL PROPOSED UNDERGROUND UTILITIES TO ALL TREE TRUNKS TYPICAL. CONTRACTOR SHALL ENSURE ALL TREES ARE INSTALLED 5' FROM UTILITIES.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

LICENSED ARCHITECT RODOLFO L. CHACON No. C-26834 Ren.8/28/2027 STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

XX	01/07/2025	

PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

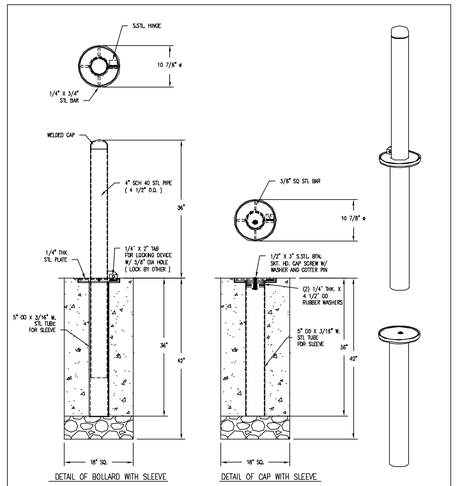
SHEET TITLE

LANDSCAPE PLAN

L1.0

PLOT DATE: 12/3/2025 3:05:50 PM

Autodesk Docs://Pittsburg High New Stadium Parking Modernization/Project1.rvt



NOTES

1.) STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.

2.) LOCKING DEVICE PROVIDED BY OTHER.

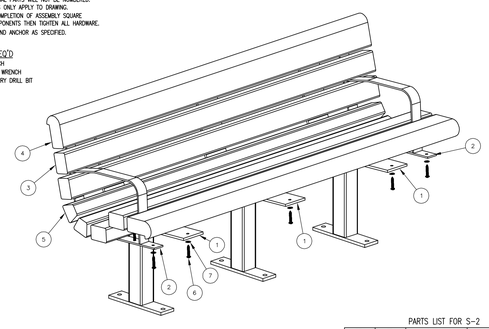
DuMor, inc.
P.O. Box 142 Mifflintown, PA 17059-0142

SCALE :	NONE
DATE DRAWN :	10/27/06
DRAWN BY :	AWH
DATE REV. :	01/10/07
REV. BY :	ESS
REV.	B
DRAWING NUMBER	400-36/S-1SL
TITLE :	BOLLARD
SHEET	1 OF 2

NOTES:
1.) DURING ASSEMBLY PROCEDURE; DO NOT COMPLETELY TIGHTEN HARDWARE.
2.) THE ACTUAL PARTS WILL NOT BE NUMBERED. NUMBERS ONLY APPLY TO DRAWING.
3.) UPON COMPLETION OF ASSEMBLY, SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.
4.) MOUNT AND ANCHOR AS SPECIFIED.

TOOLS REQ'D
3/4" WRENCH
1/4" ALLEN WRENCH
1/2" MASONRY DRILL BIT
DRILL

① ATTACH SLATS TO SUPPORTS, ATTACH ARMRESTS.



KITS PROVIDED FOR S-2

ITEM	QTY	PART NO	DESCRIPTION
8	2	K-ANC0060-3	1/2" X 3 3/4" SS ANCHOR KIT (3PCS)
9	1	K-BLOG3-40	3/8" LAG HARDWARE KIT (40PC)

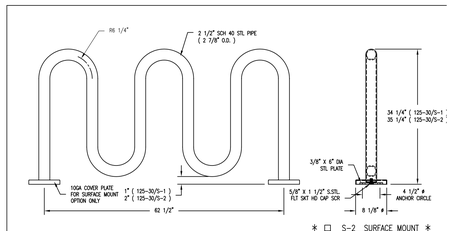
PARTS LIST FOR S-2

ITEM	QTY	PART NO	DESCRIPTION
1	3	0-88-00-01/S-2	BENCH SUPPORT FOR SURFACE MOUNT
2	2	0-88-00-05	CONTOUR STRAP W/ ARMREST
3	4	0-88-60PL-22	3" X 4" X 71" WITH SLAT, 2 ARMS, PLASTIC
4	2	0-88-60PL-23	71" EDGE SLAT, 2 ARMS, PLASTIC
5	2	0-88-60PL-24	71" TRAP SLAT, 2 ARMS, PLASTIC
6	40	1-13-016	3/8" X 3" SS BTN SKT HD LAG SCR
7	40	1-22-024	3/8" SS FLAT WASHER

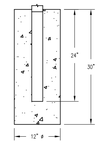
DuMor, inc.

ASSEMBLY INSTRUCTIONS

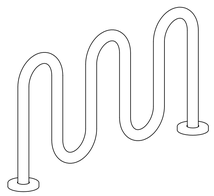
DATE DRAWN :	09/05/08
DRAWN BY :	ESS
DATE REV. :	00/00/00
REV. BY :	XXX
REV.	A
DRAWING NUMBER	88 SERIES PL-2AR
SHEET	2 OF 2



☐ S-2 SURFACE MOUNT
(SEE NOTES)



☐ S-1 EMBEDMENT



FINISH OPTIONS

☐ HOT DIPPED GALVANIZED (VISIBLE VENT HOLES)
☐ COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.

NOTES:
1.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTION S-2.
2.) PLUGS PROVIDED FOR VISIBLE VENT HOLES. (HOT DIPPED GALV. ONLY)
* UPCHARGE APPLIES TO SUPPORT OPTION – CONSULT YOUR LOCAL REPRESENTATIVE.

DuMor, inc.
P.O. Box 142 Mifflintown, PA 17059-0142

SCALE :	NONE
DATE DRAWN :	2/12/99
DRAWN BY :	COC
DATE REV. :	02/24/12
REV. BY :	ESS
REV.	F
DRAWING NUMBER	125-30
TITLE :	BIKE RACK
SHEET	1 OF 2

NOTES:
1.) DURING ASSEMBLY PROCEDURE; DO NOT COMPLETELY TIGHTEN HARDWARE.
2.) THE ACTUAL PARTS WILL NOT BE NUMBERED. NUMBERS ONLY APPLY TO DRAWING.
3.) UPON COMPLETION OF ASSEMBLY, SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.
4.) MOUNT AND ANCHOR AS SPECIFIED.

TOOLS REQ'D
3/4" WRENCH
9/16" WRENCH
1/2" WRENCH
7/16" WRENCH
1/4" ALLEN WRENCH
PLIERS (FOR ATTACHING COVER)
1/2" MASONRY DRILL BIT
DRILL

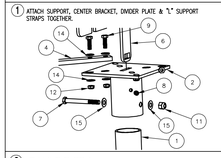
PARTS LIST FOR S-2

ITEM	QTY	PART NO	DESCRIPTION
1	1	0-41-00-03/S-2	SUPPORT FOR SURFACE MOUNT
2	1	0-41-00-04	CENTER BRACKET
3	2	0-41-30-03	HOOP FOR 30 GAL.
4	4	0-41-30-07	"L" SUPPORT FOR 30 GAL
5	24	0-41-30PL-06	2" X 3" X 28 1/2" SLAT, PLASTIC
6	1	0-49-20H-02	STL. DIVIDER PLATE
7	1	1-12-034	3/8" X 3 1/2" SS HEX HD CAP SCR
8	2	1-12-054	3/8" X 3/8" SS SKT SET SCR
9	16	1-12-061	5/16" X 1" SS HEX HD CAP SCR
10	48	1-13-004	1/4" X 1 1/4" SS HEX HD LAG SCR
11	1	1-20-007	3/8" SS NYLON LOCKNUT
12	16	1-20-020	5/16" SS THIN NYLON LOCKNUT
13	48	1-22-006	1/4" SS FLAT WASHER
14	52	1-22-017	5/16" SS FLAT WASHER
15	2	1-22-024	3/8" SS FLAT WASHER
16	2	49-20H	20 GAL HALF ROUND LINER (ANDURAN CO)

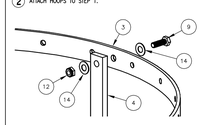
KITS PROVIDED FOR S-2

ITEM	QTY	PART NO	DESCRIPTION
17	1	K-41	41 SER HARDWARE KIT
18	1	K-ANC0060-4	1/2" X 3 3/4" SS ANCHOR KIT (4PC)

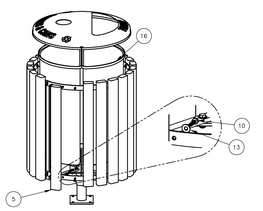
① ATTACH SUPPORT, CENTER BRACKET, DIVIDER PLATE & "L" SUPPORT STRAPS TOGETHER.



② ATTACH HOOPS TO STEP 1.



③ ATTACH SLATS TO STEP 2.



DuMor, inc.

ASSEMBLY INSTRUCTIONS

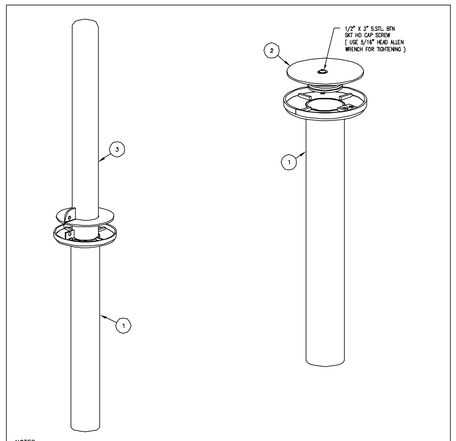
DATE DRAWN :	1/21/13
DRAWN BY :	JSB
DATE REV. :	00/00/00
REV. BY :	XXX
REV.	A
DRAWING NUMBER	41-40PL CVR-40-RC-0009
SHEET	2 OF 2

4A L1.1 REMOVABLE BOLLARD DETAIL
SCALE: 1' = 1'-0"

3A L1.1 BENCH
SCALE: 1' = 1'-0"

2A L1.1 BIKE RACK
SCALE: 1' = 1'-0"

1A L1.1 TRASH CAN
SCALE: 1' = 1'-0"



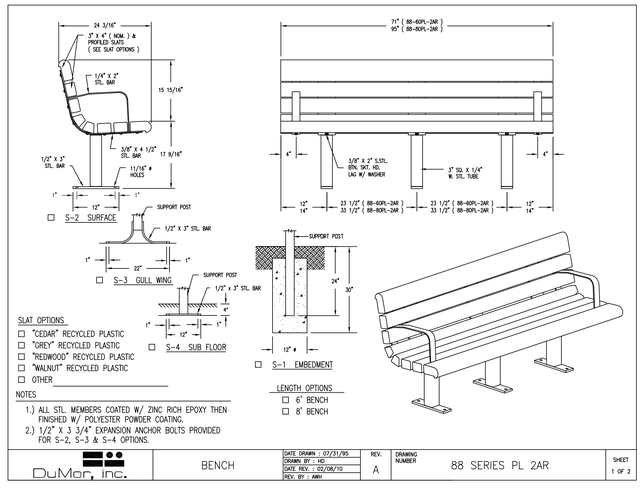
NOTES:
1. SET SLEEVE INTO FOOTER HOLDING PLUM, SQUARE AND HEIGHT SHOWN.
2. SLIDE BOLLARD INTO SLEEVE AFTER CONCRETE HAS HARDENED. BE SURE TO HAVE HINGE TAB SLIDE INTO BOLLARD BASE PLATE SLOT FOR LOCKING.
3. FOR USE OF CAP. WHEN BOLLARD IS REMOVED, PLACE CAP INTO SLEEVE. TIGHTEN CAP BY USING 1/2" X 3" BUTTON HEAD BOLT. THIS WILL COMPRESS THE RUBBER WASHERS THICKNESS AND EXPAND THE DIAMETER TO FIT SNUG TO SLEEVE.

ITEM	QTY	PART NO	DESCRIPTION
1	1	0-400-02	STL BOLLARD SLEEVE W/ HINGE
2	1	0-400-03	BOLLARD SLEEVE CAP ASSEMBLY
3	1	0-400-36-01/1SL	36" STL BOLLARD, EMBED FOR SLEEVE

DuMor, inc.
P.O. Box 142 Mifflintown, PA 17059-0142

SCALE :	NONE
DATE DRAWN :	10/27/06
DRAWN BY :	AWH
DATE REV. :	01/10/07
REV. BY :	ESS
REV.	B
DRAWING NUMBER	400-36/S-1SL
TITLE :	BOLLARD
SHEET	2 OF 2

NOTES:
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR S-2, S-3 & S-4 OPTIONS.

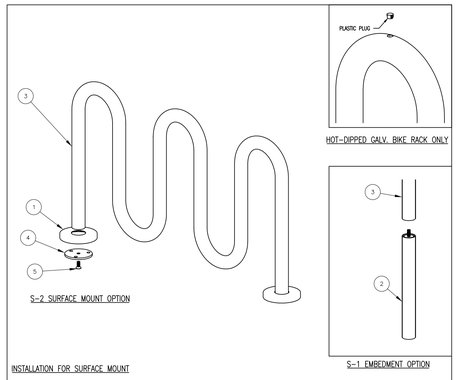


SLAT OPTIONS
☐ "CEDAR" RECYCLED PLASTIC
☐ "GREY" RECYCLED PLASTIC
☐ "REDWOOD" RECYCLED PLASTIC
☐ "WALNUT" RECYCLED PLASTIC
☐ OTHER _____

DuMor, inc.

BENCH

DATE DRAWN :	07/31/95
DRAWN BY :	HD
DATE REV. :	02/08/10
REV. BY :	AWH
REV.	A
DRAWING NUMBER	88 SERIES PL 2AR
SHEET	1 OF 2



INSTALLATION FOR SURFACE MOUNT

STEP 1:
USE 1 – PC. BIKE LOOP, SURFACE MOUNT (3)
2 – PCS. 3/8" THK SURFACE MOUNT PLATE (4)
2 – PCS. 10 GA X 8" DIA ANCHOR PLATE COVER (1)
2 – PCS. 5/8" X 1 1/2" SS FLT SKT HD CAP SCREW (5)
SLIDE 10 GA X 8" DIA ANCHOR COVER (1) OVER BIKE LOOP, SURFACE MOUNT (3) LEGS. ATTACH 3/8" THK. SURFACE MOUNT PLATE (4) TO BIKE LOOP, SURFACE MOUNT (3) USING HARDWARE (5).

STEP 2:
ANCHOR ACCORDINGLY.

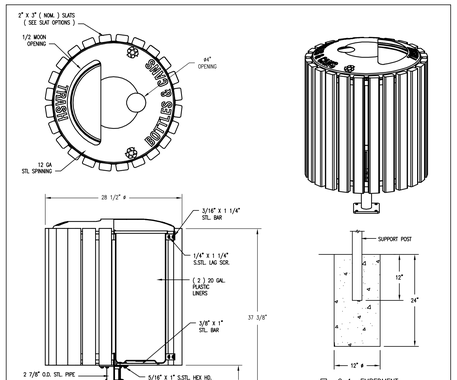
INSTALLATION FOR PLASTIC PLUG HOT-DIPPED GALV ONLY

INSERT PLASTIC PLUG INTO HOLE ON TOP OF EACH LOOP

	ITEM	QTY	PART NO	DESCRIPTION
(S-2 OPTION)	1	2	0-125-04	10 GA X 8" DIA STL COVER W/ 3 1/8" DIA HOLE
(S-1 OPTION)	2	2	0-125-09/S-1	EMBEDMENT EXTENSION
	3	1	0-125-30/S-2	3-PEAK LOOP BIKE RACK
(S-2 OPTION)	4	2	0-83-00-03	3/8" THK SURFACE MOUNT PLATE
(S-2 OPTION)	5	2	1-12-102	5/8" X 1 1/2" SS FLT SKT HD CAP SCR

DuMor, inc.
P.O. Box 142 Mifflintown, PA 17059-0142

SCALE :	NONE
DATE DRAWN :	2/12/99
DRAWN BY :	COC
DATE REV. :	02/24/12
REV. BY :	ESS
REV.	E
DRAWING NUMBER	125-30
TITLE :	BIKE RACK ASSEMBLY
SHEET	2 OF 2



☐ S-2 SURFACE

☐ S-1 EMBEDMENT

SLAT OPTIONS
☐ "CEDAR" RECYCLED PLASTIC
☐ "GREY" RECYCLED PLASTIC
☐ "REDWOOD" RECYCLED PLASTIC
☐ "WALNUT" RECYCLED PLASTIC
☐ OTHER _____

NOTES
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ BLACK POLYESTER POWDER COATING
2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR S-2.

DuMor, inc.

RECEPTACLE

DATE DRAWN :	1/21/13
DRAWN BY :	JSB
DATE REV. :	00/00/00
REV. BY :	XXX
REV.	A
DRAWING NUMBER	41-40PL CVR-40-RC-0009
SHEET	1 OF 2

4 L1.1 REMOVABLE BOLLARD DETAIL
SCALE: 1' = 1'-0"

3 L1.1 BENCH
SCALE: 1' = 1'-0"

2 L1.1 BIKE RACK
SCALE: 1' = 1'-0"

1 L1.1 TRASH CAN
SCALE: 1' = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122520 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 1/8/2026

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Exp: 12/31/2027
STATE OF CALIFORNIA

STADIUM PARKING LOT REPLACEMENT PROJECT

1750 HARBOR STREET
PITTSBURG, CA

Pittsburg Unified School District 2000 Railroad Ave. Pittsburg, CA 94565

PROJECT NO: PROJECT NUMBER
SUBMITTAL DATE:

SHEET TITLE
SITE EQUIPMENT

L1.1

PLOT DATE: 8/18/2025 2:10:55 PM