C:\Users\Owner\AppData\Local\Autodesk\Revit\Autodesk Revit 2026\CollaborationCache\G3A0RP6SK3RE\4842bc12-e368-4787-9e7b-da81ec676c8c!28850aa-6b24-41e7-9730-c017e643c6d8.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 2025 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
22. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
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. ACCESSIBILITY - ALL NEW WORK IN THIS BUILDING SHALL CONFORM WITH APPLICABLE SECTION OF C.B.C. 11B CBC SECTION 11B-202.4 PATH OF TRAVEL REQUIREMENTS IN ALTERATIONS, ADDITIONS, AND STRUCTURAL REPAIRS. THE NEW WORK FOR THIS PROJECT IS DESIGNED TO MEET APPLICABLE ACCESSIBILITY CODES. ADDITIONAL WORK SHALL BE PERFORMED TO MEET THE INTENT OF THIS CODE SECTION SEE 11B-202.4, NOTES ON SHEET A101 AND PATH OF TRAVEL TO AREA OF WORK.
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.
34. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. A MINIMUM CLASS 3 INSPECTOR IS REQUIRED.
35. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
36. SUBSTITUTIONS AFFECTING ITEMS REGULATED BY THE DIVISION OF THE STATE ARCHITECT (DSA) REQUIRE DSA APPROVAL AS AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD). DSA APPROVAL SHALL BE OBTAINED PRIOR TO FABRICATION AND/OR INSTALLATION PER SECTION 4-338, PART 1, TITLE 24, CCR.

HERITAGE HIGH SCHOOL

NEW BATTING CAGES AND SITE IMPROVEMENTS



101 AMERICAN AVE
BRENTWOOD, CA 94513

STATEMENT OF GENERAL CONFORMANCE

Application No.: **01-123114**

File No.: **7-H4**

The drawings identified as follows:

☑ All drawing sheets included in this set not bearing my stamp and signature.

☑ Drawing sheets denoted in the sheet index as follows: **CIVIL AND TOPOS AND ELECTRICAL**

☐ Drawing sheets included under the following PC approval(s): _____

have been prepared by other design professionals or consultants who are licensed and authorized to prepare such drawings (plans) in this state. They have been examined by me for:

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

Per Title 24, Part 1, Section 4-316(b): This 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.

Signature		Date
RODOLFO L. CHACON	**C28654**	**02/28/2027**
Printed Name	License Number	Expiration Date

11.8.2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

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

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

101 American Ave
Brentwood, CA 94513

CHACON ARCHITECTURE

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

WWW.CHACONARCHITECTURE.COM

Project Number

Issue Date

KEY MAP

SHEET TITLE

COVER SHEET

G0.00

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.,ACT.	ELEVATION	ELEV.,EL.	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.,AL.	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.		
ARCHITECTURAL	ARCH.	EXPANSION JOINT	E.J.	MECHANICAL	MECH.		
ASPHALT CONCRETE	A.C.	EXTERIOR	EXT.	MEDIUM	MED.	SHEET METAL SCREWS	S.M.S.
				MEMBRANE	MBNE.	SHELVES	SH.
BACKBOARD	BACKBRD.	FABRIC WALL COVERING	F.W.C.	METAL	MTL.	SIMILAR	SML.,SIM
BEAM	BM	FACE OF BLOCK	F.O.B.	METAL PLANAR CEILING	M.P.C.	SINK	S.
BENCH MARK	B.M.	FACE OF CONCRETE	F.O.C.	METAL TOILET PARTITION	M.T.P.	SOAP DISPENSER	S.D.
BETWEEN	BTWN.	FACE OF STUD	F.O.S.	MILLIMETER	MILL.	SPECIFICATION	SPEC.
BLOCK	BLK.	FACE OF WALL	F.O.W.	MINIMUM	MIN.	SPLASH	SPL.
BOTTOM	BTM.,BTTM.	FACTORY FINISH	F.F.	MISCELLANEOUS	MISC.	SPLASH BLOCK	S.B.
BOUNDARY NAILING	B.N.	FEET/FOOT	FT.	MULLION	MULL.	SQUARE	SQ.
BUILDING	BLDG.	FEMININE NAPKIN DISPOSAL	F.N.D.			STAINLESS STEEL	S.S.
		FIBER GLASS	F.G.,FIBERGL.	NOT IN CONTRACT	N.I.C.	STANDARD	STD.
CABINET	CAB.	FINISH	FIN.	NOT TO SCALE	N.T.S.	STEEL	STL.
CADMIUM	CAD.	FIRE EXTINGUISHER CABINET	F.E.C.	NUMBER	NO.,#	STORAGE	STOR.
CARPET	CPT.	FIRE RATED GYP. BD.	F.R.G.B.			STIFFENER	STIFF.
CARRIAGE BOLT	C.B.	FIRE TREATED	F.T.	OPPOSITE HAND	O.H.	STRUCTURAL	STRUCT.,ST.
CAST IRON	C.I.	FIXED GLASS	F.G.	OPPOSITE	OPP.	SUSPENDED	SUSP.
CEILING	CLG.,CEL'G.	FLAT HEAD	F.H.	ON CENTER	O.C.	SWITCH	SW.
CEILING DIFFUSER	C.D.	FLOOR	FLR.	OPENING	OPG.	SEE STRUCTURAL DRAWINGS	SSD.
CEILING GRILLE	C.G.	FLOOR DRAIN	F.D.	OUTSIDE DIAMETER/DIMENSION	O.D.		
CEILING REGISTER	C.R.	FLUORESCENT	FLUOR.	OVAL HEAD	O.H.	TELEPHONE	TEL.,TELE.
CEMENT	CEM.	FOOTING	FTG.	OVER (ON)	O/	THICK	THK.
CENTERLINE	C.L.	FOUNDATION	FDN.	OVERFLOW	OVFL.	THRESHOLD	THR.
CERAMIC TILE	C.T.	FRAMING	FRM'G.	OVERHAND	OH.	TOILET PAPER	T.P.
CIRCUIT	CRT.					TOILET PAPER HOLDER	T.P.H.
CLEANOUT	C.O.	GAGE/GAUGE	GA.	PAINT	PT.	TOLERANCE	TOL.
CLEAR	CLR.	GALVANIZE	GALV.	PAIR	PR.	TRANSFORMER	TRANS.
COLD WATER	C.W.	GALVANIZED IRON	G.I.	PAPER TOWEL DISPENSER	P.T.D.	TYPICAL	TYP.
COLUMN	COL.	GLASS	GL.	PLASTIC	PLAS.		
COMBINATION/COMBUSTION	COMB	GRAB BAR	G.B	PLATE	PL.	UNDERWRITERS LABORATORY	U.L.
COMPOSITION, COMPOSITE	COMP.	GRADE	G.R	PLATED	PLTD.	UNLESS OTHERWISE NOTED	U.O.N.
CONCRETE	CONC.	GROUND	GND.	PLUMBING	PLBG.	URINAL	UR.
CONCRETE MASONRY UNIT	C.M.U.	GYPSUM	GYP.	PLYWOOD	PLYWD.		
CONDITION	COND.	GYPSUM BOARD	G.B.,GYP.BD.	POINT	PT.	VENTILATE/VENTILATION	VENT.
CONNECTION	CONN.			POINT OF CONNECTION	P.O.C.	VENT THROUGH ROOF	V.T.R.
CONSTRUCTION	CONST.			POUND	LB.,#	VERTICAL	VERT.
CONSTRUCTION JOINT	C.J.	HARDWARE	HDW,HDWR.	POUND PER SQ. FOOT	P.S.F.	VINYL COMPOSITION TILE	V.C.T
CONTINUOUS	CONT.	HEAD	HD.	POUND PER SQ. INCH	P.S.I.	VINYL WALL COVERING	V.W.C.
CONTRACTOR	CONTR.	HEADER	HDR.			VOLUME	VOL.
COORDINATE	COORD.	HEIGHT	HT.,H.	QUARTER	QTR.		
COUNTERSINK	CSK.	HOLLOW METAL	H.M.			WATER CLOSET	W.C.
		HORIZONTAL	HORIZ.	RADIUS	R.,RAD.	WATER PROOF	W.P.
DEPARTMENT	DEPT.	HOT WATER	H.W.	RAINWATER LEADER	R.W.L.	WATER RESISTANT	W.R.
DEPTH, DEEP	D.	HOSE BIBB	H.B.	RECEPTACLE	RECEPT.	WIDTH	W.
DETAIL	DET.,DTL.			REFLECTED	REFL'D.	WIRE GLASS	W.GL.
DIAGONAL	DIAG.	INCH	IN.	REFRIGERATOR	REF.	WITH	W/
DIAMETER	DIA.	INSIDE DIAMETER/DIMENSION	I.D.	REINFORCING	REINF.	WITHOUT	W/O
DIMENSION	DIM.	INSULATION	INSUL.	REMOVABLE	REMOV.	WOOD	WD.
DISPENSER/DISPOSAL	DISP.	INTERIOR	INT.	REQUIRED	REQ'D.	WOOD SCREWS	W.S.
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



SITE

DEFERRED SUBMITTAL

NONE

PROJECT DIRECTORY

PROJECT OWNER:
Mr. Paul Meloni
Director of Facilities
Liberty Union High School District
20 Oak Street
Brentwood, CA

ARCHITECT:
CHACON Architecture
Rodolfo L. Chacon
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Bay Point, CA 94565
925-504-8098

STRUCTURAL:
Mr. Dan Lazzarini
BCA ENGINEERS
San Jose , CA
408-550-8586

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

SHEET INDEX

ARCHITECTURAL	
G0.00	COVER SHEET
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C2	GRADING PLAN
C3	DETAILS
ARCHITECTURAL	
A101	SITE PLAN
A102	DEMOLITION ENLARGED PLAN
A103	PROPOSED ENLARGED PLAN
A301	NEW BATTING CAGE ELEVATIONS
A302	CHAINLINK ELEVATIONS
A401	SECTIONS
A501	DETAILS
A502	DETAILS
A503	DETAILS
A504	DETAILS
A505	DETAILS
A506	DETAILS
A507	DETAILS
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A509	DETAILS
ELECTRICAL	
E1.01.01	NOTES, ABBREVIATIONS & REQUIREMENTS
E1.01.02	PARTIAL SINGLE LINE DIAGRAM & DETAILS
E2.01.01	PARTIAL ELECTRICAL SITE PLANS
E2.01.02	PARTIAL ELECTRICAL SITE PLANS
E2.01.03	PARTIAL PHOTOMETRICS SITE PLAN
E3.01.01	POWER TITLE 24
E3.02.01	LIGHTING TITLE 24
E4.01.01	ELECTRICAL SPECIFICATIONS
TOTAL	**28 SHEETS**

BUILDING DATA

OCCUPANCY GROUP: A-5 ACCESSORY ATHLETIC STRUCTURE
CONSTRUCTION TYPE: TYPE IIB (UNPROTECTED NONCOMBUSTIBLE)
DESCRIPTION: OPEN-AIR BATTING CAGE STRUCTURE WITH STEEL FRAMING ON CONCRETE SLAB.

SCOPE OF WORK:

1. 4 NEW BATTING CAGES
2. NEW CONCRETE SLAB
3. NEW CHAINLINK FENCES
4. NEW POLE LIGHTS

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2026:

2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
2025 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
2025 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24 CCR
2025 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24 CCR
2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
2023 ICC 300 STANDARD FOR BLEACHERS, FOLDING, & TELESCOPIC SEATING, & GRANDSTANDS.

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"

MENS / 103 — ROOM NUMBER/ FINISH TAG
ROOM NAME
ROOM NUMBER

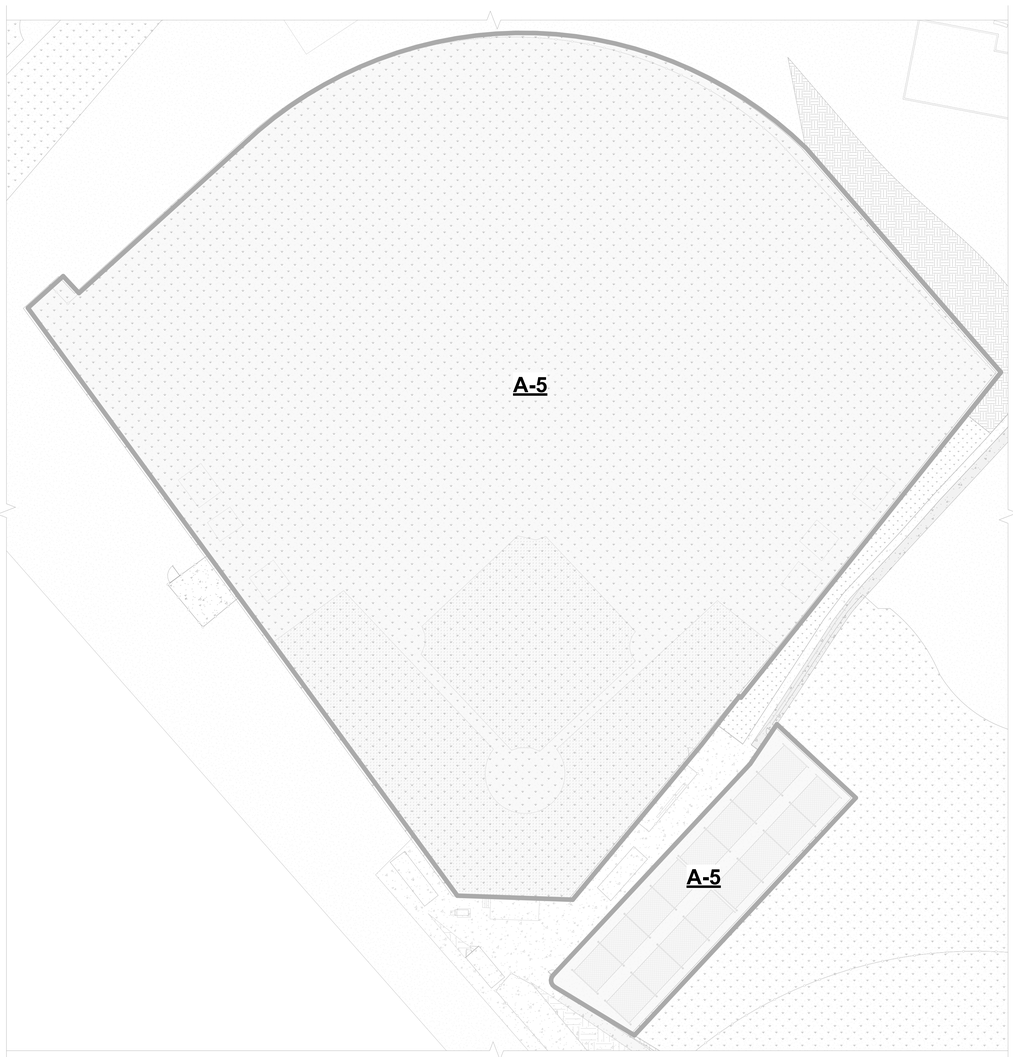
W06 — WINDOW SCHEDULE KEY

103 — KEYNOTE SCHEDULE KEY

1018 — DOOR SCHEDULE KEY

1 — DEMOLITION KEY NOTE

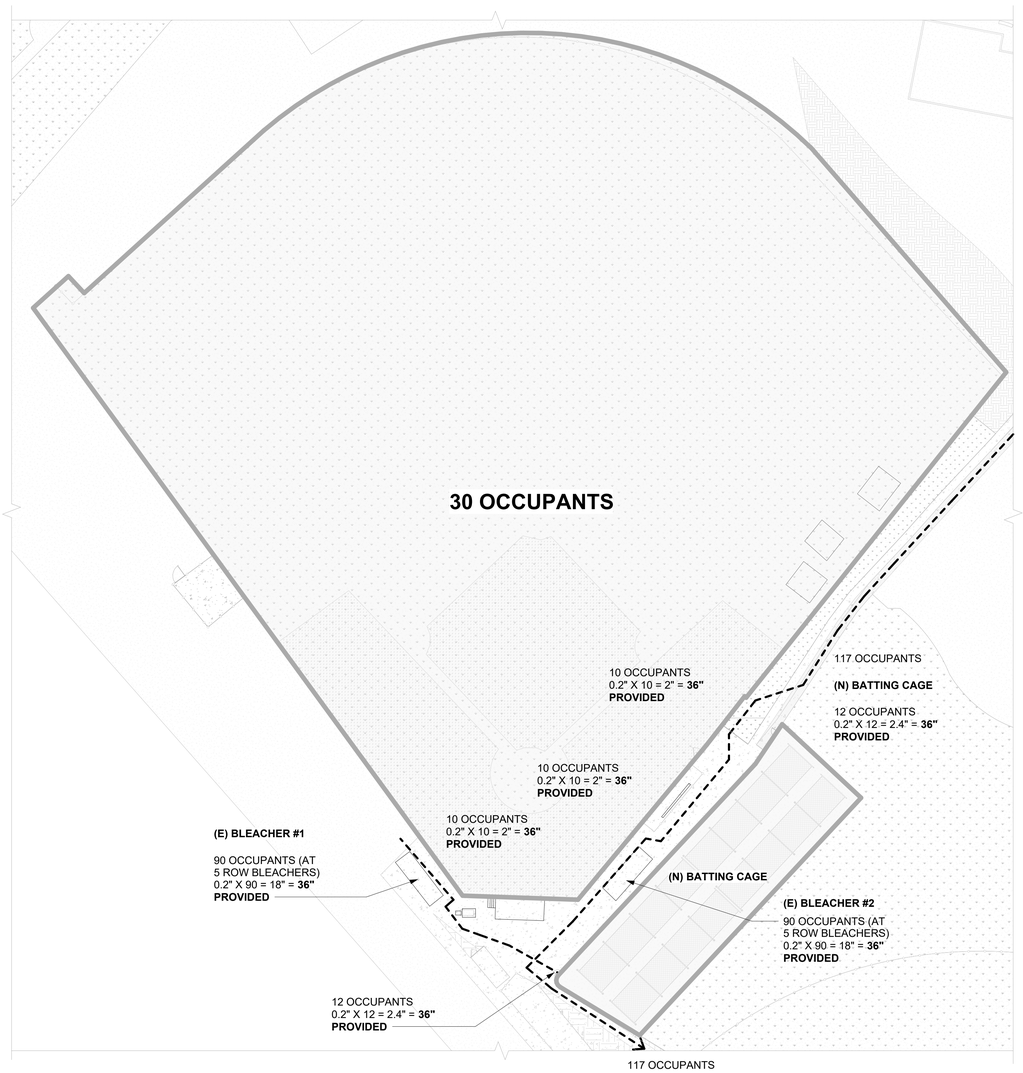
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ALLOWABLE AREA NA
OPEN A-5 ATHLETIC STRUCTURE

TYPE IIB CONSTRUCTION
NON-SPRINKLERED

1 OCCUPANCY GROUP
1" = 30'-0"



(E) BASEBALL FIELD OCCUPANCY ANALYSIS

- 18 PLAYERS ON THE FIELD
- 2-4 COACHES
- 3-4 UMPIRES
- A FEW SUPPORT PERSONNEL

ACTUAL PARTICIPANT LOAD = 25-30 OCCUPANTS

(N) BATTING CAGE OCCUPANCY ANALYSIS

- 1 BATTER
- 1 PITCHER OR PITCHING MACHINE OPERATOR
- 1 CATCHER
- 2-4 WAITING PLAYERS/COACHES

6 OCCUPANTS PER CAGE IS A REASONABLE & DEFENSIBLE DESIGN LOAD

TOTAL OCCUPANTS = 12

2 EGRESS REVIEW
1" = 30'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Ren. 2026
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

101 American Ave
Brentwood, CA 94513

CHACON ARCHITECTURE
RODOLFO L.CHACON
EMAIL: rodolfo@chaconarchitecture.com
PHONE: 925-504-8098
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Project Number
Issue Date

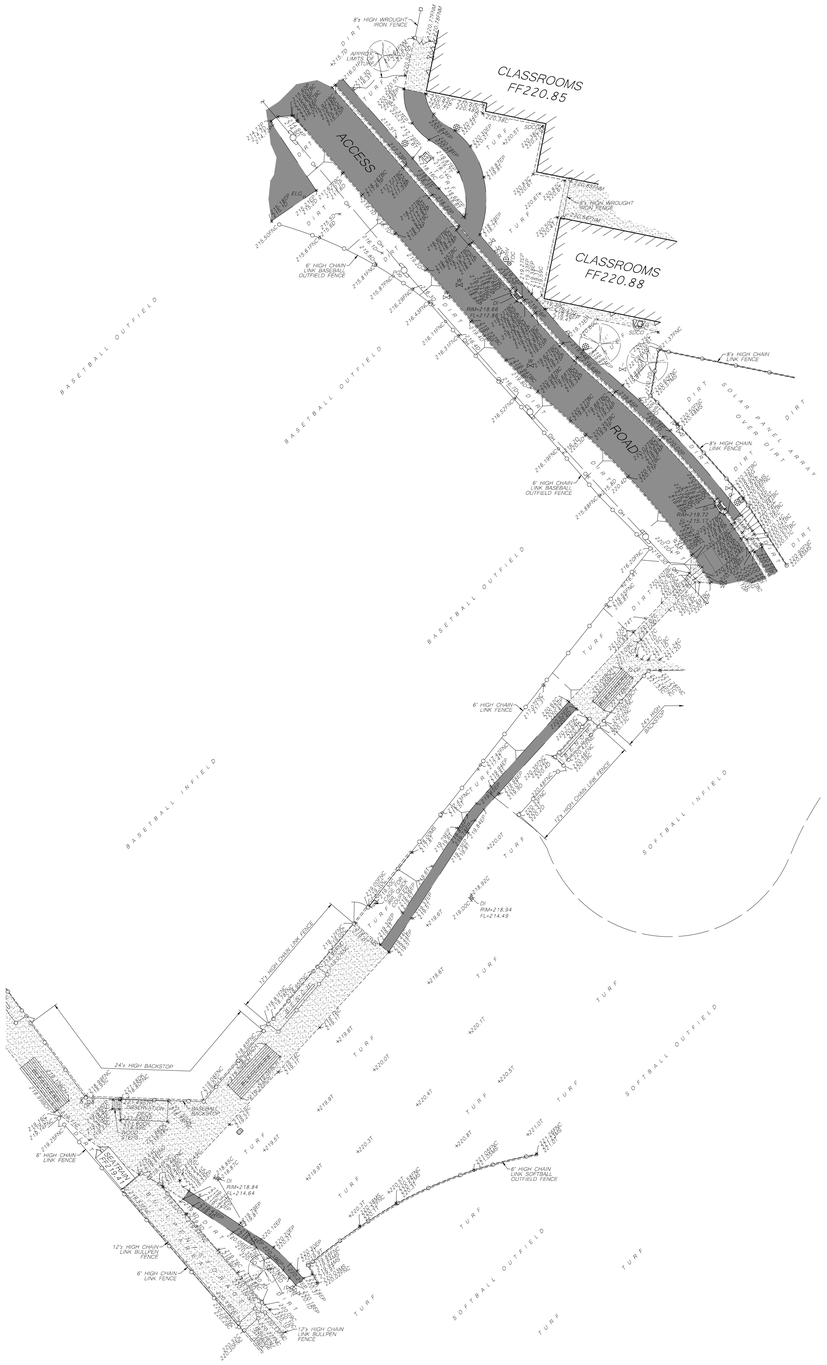
KEY MAP

SHEET TITLE
CODE REVIEW

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TOPOGRAPHIC LEGEND:

	BENCHMARK	BCH	BLEACHERS
DF	DRINKING FOUNTAIN	C	CONCRETE
	ELECTRICAL BOX	DI	DRAIN INLET
	ELECTRICAL CONDUIT	D	DIRT
E/G	ELECTRICAL GROUND	DK	DECK
FDC	FIRE DEPARTMENT CONNECTION	EP	EDGE OF PAVEMENT
	FIRE HYDRANT	FDC	FIRE DEPARTMENT CONNECTION
	GAS VALVE	FF	FINISH FLOOR
HR	HANDRAIL	FNC	FENCE - CHAIN LINK
	IRRIGATION CONTROL VALVE	FNM	FENCE - METAL
	LIGHT - AREA	G	GUTTER
PO	POLE/POST	HR	HANDRAIL
PIV	POST INDICATOR VALVE	L	LIP OF GUTTER
	SIGN SINGLE POST	MS	MOWSTRIP
SDCO	STORM DRAIN CLEANOUT	P	PAVEMENT
	STORM DRAIN INLET	PO	POLE/POST
	TREE, TRUNK SIZE AS NOTED	PIV	POST INDICATOR VALVE
	UTILITY POLE	RIM	RIM OF UTILITY STRUCTURE
	WATER VALVE	ST	STRIPING
	CONCRETE	STP	STEPS
	EDGE OF PAVEMENT	TBC	TOP BACK OF CURB
	FENCE - CHAIN LINK	T	TURF/GRASS
	FENCE - METAL	VE	ELECTRICAL VAULT
	EXISTING BUILDING	VG	GAS VAULT
	EXISTING ASPHALT CONCRETE		
	EXISTING CONCRETE		

NOTES:

1. THE TOPOGRAPHIC SURVEY WAS PERFORMED ON APRIL 9, 2026.
2. THE TOPOGRAPHIC SURVEY IS ONLY A PARTIAL SURVEY OF THE SPECIFIC PHYSICAL FEATURES OF THE SITE AND THEIR ELEVATIONS. NOT ALL AREAS OF WORK WERE INCLUDED IN THE TOPOGRAPHIC SURVEY.
3. THE SURFACE FEATURES OF THE UTILITIES SHOWN WERE OBTAINED AT THE TIME OF THE TOPOGRAPHIC SURVEY AND FROM A UTILITY SEARCH OF PLANS PROVIDED BY THE OWNER. IT IS POSSIBLE THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT WERE NOT REVEALED THROUGH THE UTILITY SEARCH. NO GUARANTEE CAN BE MADE ON THE ACCURACY OR COMPLETENESS OF THE UTILITIES SHOWN.
4. THE EXISTENCE AND LOCATION OF ALL IMPROVEMENTS, UTILITIES, STRUCTURES, BUILDINGS, PARTY WALLS, PARKING STALLS, EASEMENTS, SERVITUDES AND ENCROACHMENTS ARE BASED SOLELY ON ABOVE GROUND, VISIBLE EVIDENCE.

BENCHMARK:

NAVD 88

THE STATION IS LOCATED ABOUT 23 MI WEST OF STOCKTON, ABOUT 20 MI NORTH OF LIVERMORE, ABOUT 5 MI SE OF ANTIOCH AND 2.5 MI NW OF BRENTWOOD.
TO REACH THE STATION FROM THE INTERSECTION OF HWY 4 AND BALFOUR RD AT THE SOUTH END OF BRENTWOOD, TURN LEFT ON BALFOUR RD AND GO WEST FOR 1.8 MI TO THE INTERSECTION WITH FAIRVIEW AVE. TURN RIGHT AND GO NORTH 2 MI TO THE INTERSECTION WITH GRANT STREET TO THE WEST AND MINNESOTA AVE TO THE EAST. TURN LEFT AND GO WEST ON GRANT ST FOR .25 MI TO JUST EAST OF SD INLET AND THE STATION ON THE RIGHT.
THE STATION IS AN EBMUD BM SET IN A CONCRETE VALVE STRUCTURE ABOUT 150' EAST OF THE INTERSECTION OF MEDITERRANEO PL, ABOUT 70' NORTH OF THE NORTH EDGE OF GRANT AVE, AND 8' SOUTH OF SOUTHERN EDGE OF ASPHALT BIKE TRAIL. THE MARK IS 2.5 IN STEEL DISK SET FLUSH WITH THE SD INLET CONCRETE SURFACE.

ELEVATION = 107.20'

SITE BENCHMARK:

AME POINT NO. 2

SET CHISELED 'X' ON SOFTBALL BACKSTOP CONCRETE SLAB, 19'± WEST OF DRINKING FOUNTAIN AT NORTHEAST SIDE OF BLEACHERS AND 68'± SOUTHWEST OF NORTHERNMOST CORNER OF SOLAR PANEL ARRAY'S FENCE CORNER.

ELEVATION = 220.84'

0 30' 60'

SCALE: 1" = 30'

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No. 42618
EXP. 3/31/26
CIVIL
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

HERITAGE PATRIOTS

101 American Ave
Brentwood, CA 94513

CHACON ARCHITECTURE

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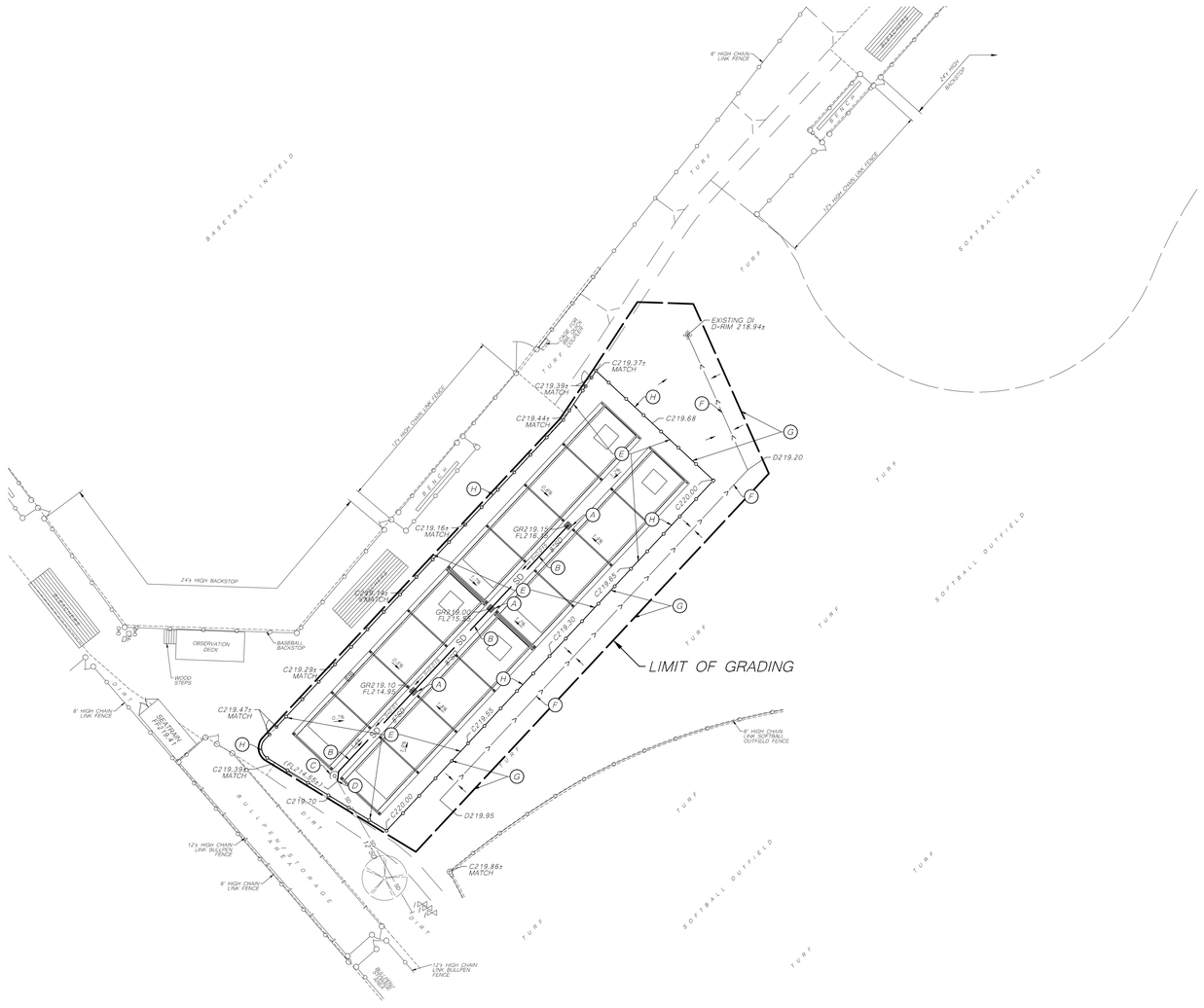
TOPOGRAPHIC SURVEY

C1

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GRADING AND DRAINAGE LEGEND:

C	CONCRETE
D	DIRT
FL	FLOWLINE OF PIPELINE
FG	FINISHED GRADE
G.B.	GRADE BREAK
GR	GRATE
	FINISHED SURFACE SLOPE AND DIRECTION OF DRAINAGE
C220.00	NEW FINISHED SURFACE GRADE
G.B.	GRADE BREAK
	LIMITS OF GRADING
SD 6"SD	NEW STORM DRAIN LINE; SIZE AS NOTED
	NEW STORM DRAIN INLET
	NEW SURFACE CLEANOUT
A	FURNISH AND INSTALL DURA P-6 STORM DRAIN INLET PER DETAIL A/C3.
B	FURNISH AND INSTALL PVC, SDR-35 STORM DRAIN PIPELINE. TRENCH BACKFILL PER DETAIL B/C3.
C	FURNISH AND INSTALL SURFACE CLEANOUT PER DETAIL E/C3.
D	MAKE CONCRETE COLLAR CONNECTION TO EXISTING STORM PIPE. CONTRACTOR TO PROVIDE ALL NECESSARY FITTINGS.
E	CONSTRUCT 6" CONCRETE SLAB PER DETAIL F/C3.
F	GRADE DIRT SWALE.
G	PROVIDE GRADE TRANSITION PER DETAIL D/C3.
H	FURNISH AND INSTALL FENCE, GATE AND FOOTING PER ARCHITECTURE PLAN SEE A101.

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". SEE DETAIL D/C3.
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. 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.
7. ALL NEW SURFACE AREAS WITHIN THE NEW FENCING SHALL BE GRADED TO A MAXIMUM SLOPE OF 2%.

0 20' 40'

SCALE: 1" = 20'

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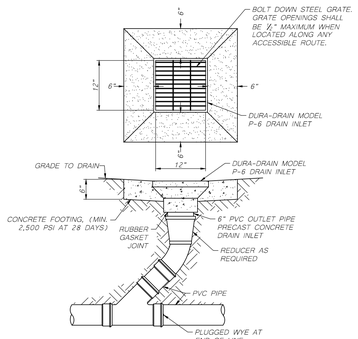
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GRADING PLAN

C2

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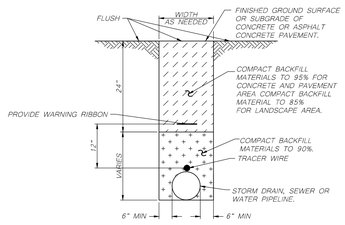
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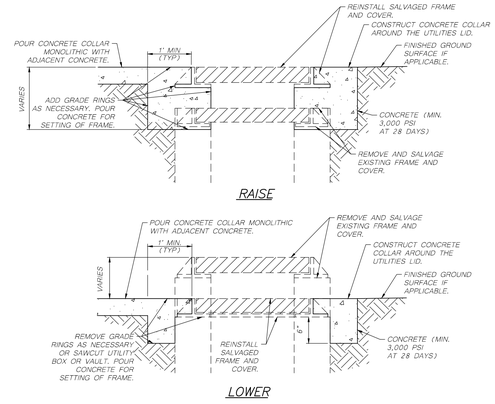
A P-6 DRAIN INLET
NOT TO SCALE

GENERAL NOTE:
ALL TRANSITIONS/COVER PLATES/INFILLS WITHIN THE ACCESSIBLE ROUTE TO BE FLUSH WITH ¼" MAX. LEVEL DIFFERENCE, TYP.

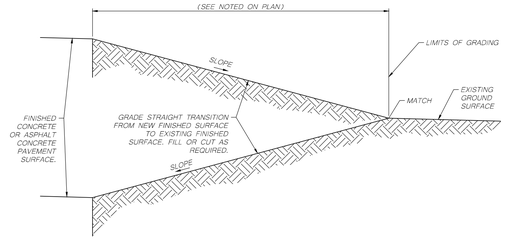
TRACER WIRE NOTE:
PLASTIC MATERIALS FOR BUILDING SUPPLY PIPING OUTSIDE UNDERGROUND SHALL HAVE AN ELECTRICALLY CONTINUOUS CORROSION-RESISTANT BLUE INSULATED COPPER TRACER WIRE, OR OTHER APPROVED CONDUCTOR INSTALLED ADJACENT TO THE PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE, OR THE TRACER WIRE SHALL TERMINATE ABOVEGROUND AT EACH END OF THE NON-METALIC PIPING. THE TRACER WIRE SIZE SHALL BE NOT LESS THAN 14 AWG, AND THE INSULATION TYPE SHALL BE SUITABLE FOR DIRECT BURIAL PER CPC SECTION 604.10.1.



B TRENCH BACKFILL
NOT TO SCALE



C ADJUST UTILITY LID
NOT TO SCALE



D GRADING TRANSITION
NOT TO SCALE

E SURFACE CLEANOUT AND TRAFFIC LID
NOT TO SCALE

F REINFORCED 6" THICK CONCRETE SLAB
NOT TO SCALE

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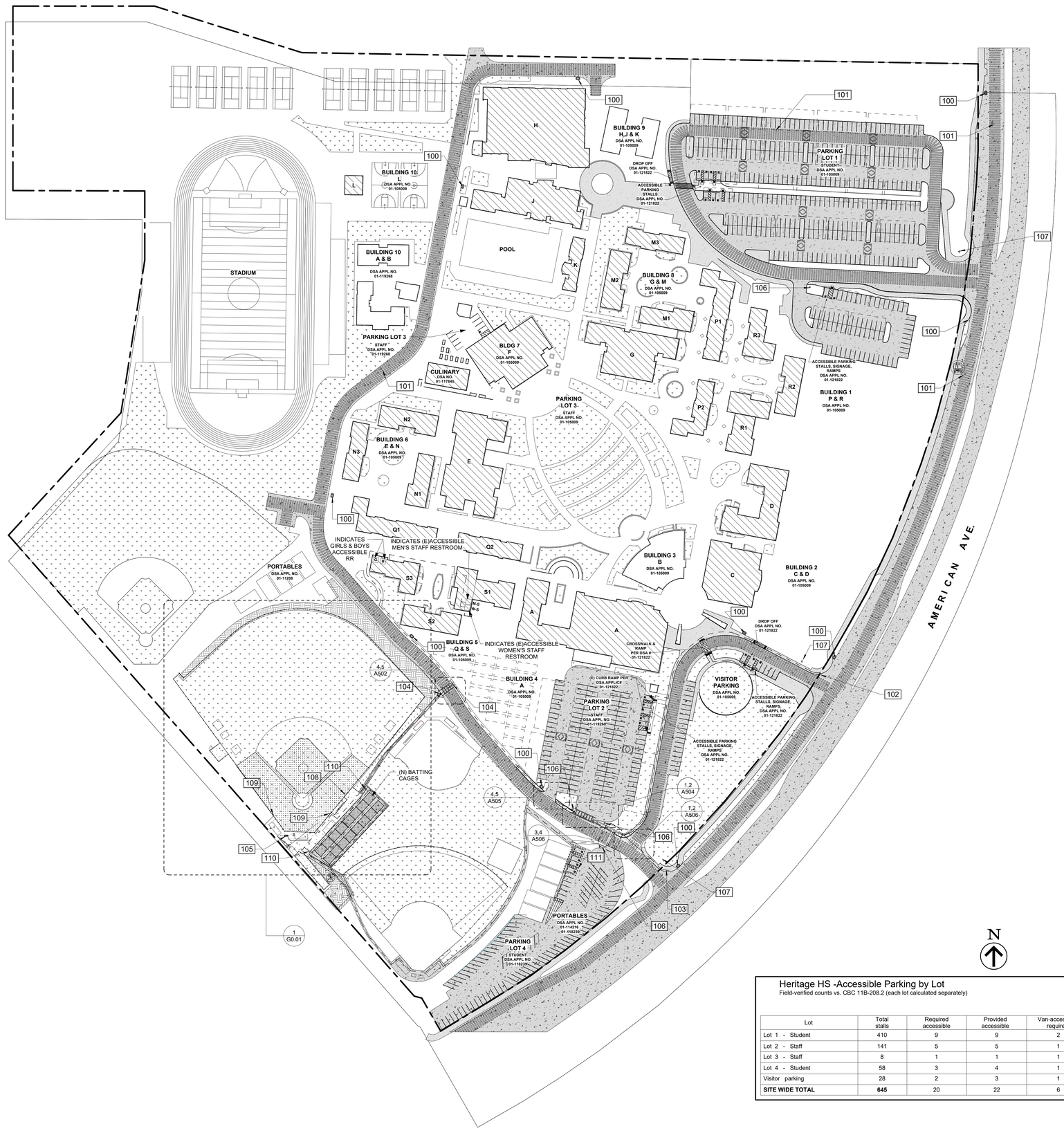
DETAILS

C3

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1 SITE PLAN
1" = 80'-0"

Heritage HS -Accessible Parking by Lot

Field-verified counts vs. CBC 11B-208.2 (each lot calculated separately)

Lot	Total stalls	Required accessible	Provided accessible	Van-accessible required	Status
Lot 1 - Student	410	9	9	2	Meets
Lot 2 - Staff	141	5	5	1	Meets
Lot 3 - Staff	8	1	1	1	Meets
Lot 4 - Student	58	3	4	1	Exceeds
Visitor parking	28	2	3	1	Exceeds
SITE WIDE TOTAL	**645**	20	22	6	

KEYNOTES

100	(E) FIRE HYDRANT
101	(E) FIRE LANE
102	(E)CONNECTION TO PUBLIC WAY , NEAREST PUBLIC TRANSIT IS APPROX. 632' NORTH EAST .
103	(E)CONNECTION TO PUBLIC WAY , NEAREST PUBLIC TRANSIT IS APPROX. 1,179 FT. NORTH EAST.
104	(E)CURB RAMPS. EXISTING CONDITION TO BE APPROVED AND CERTIFIED ACCESSIBLE UNDER CURRENT PROJECT. SEE 5/A502.
105	(E)ACCESSIBLE DRINKING FOUNTAIN TO BE APPROVED AND CERTIFIED ACCESSIBLE UNDER CURRENT PROJECT SEE DETAILS 4/A503
106	(E) NON -COMPLIANT TOW AWAY SIGNAGE TO BE BROUGHT UP TO COMPLIANCE PER DETAIL 1/A502
107	(E) TOW AWAY SIGN TO BE UPGRADED TO MATCH 1/A502
108	(E) 10' GATE TO REMAIN SEE ELEVATION 2/A505
109	(E) 3' GATE TO REMAIN SEE ELEVATION 1/A505
110	(N) GATE SEE DETAIL 4/A501
111	(E) ACCESSIBLE PARKING STALLS SEE DETAIL 1 AND 2 SHEET A507 EXISTING ACCESSIBLE PARKING TO BE APPROVED AND CERTIFIED UNDER THE CURRENT PROJECT

LEGEND

	(N) ACCESSIBLE PATH OF TRAVEL
	(E) 20' FIRE LANE APPROVED UNDER DSA 01-105009
	(E) FIRE HYDRANT
	(E) CHAINLINK FENCING
	(E) PROPERTY LINE
	(E) BUILDINGS
	(E) SOIL AREAS
	(E) ASPHALT
	(E) CONCRETE PAVING
	(E) ASPHALT CONCRETE PAVING
	(E) LANDSCAPING
	(N) BUILDINGS AND STRUCTURES
	DEMO SURFACES
G	(E) ACCESSIBLE GIRLS RESTROOM DSA # 01-105009 .SEE SHEET A508 FOR UPDATES
B	(E) ACCESSIBLE BOYS RESTROOM DSA #01-105009. SEE SHEET A508.
M-S	(E) ACCESSIBLE MEN'S STAFF RESTROOM DSA #01-105009. SEE A509
W-S	(E) ACCESSIBLE WOMEN'S STAFF RESTROOM DSA#01-105009. SEE A509
	(E) PUBLIC TRANSIT

GENERAL NOTES

1. SITE IS FULLY ACCESSIBLE. NO WAYFINDING SIGNAGE NEEDED TO DIRECT USERS TO ACCESSIBLE PATH.
2. ACCESSIBLE PATH OF TRAVEL (P.O.T.) 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 PATH OF TRAVEL 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 PATH OF TRAVEL.
3. COMPLY WITH CFC CH 33 - FIRE SAFETY DRAWINGS DURING CONSTRUCTION AND DEMOLITION.

DSA PR 15-01: REQUIRED INFORMATION FOR PATH OF TRAVEL UPGRADED ON CONSTRUCTION DOCUMENTS

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

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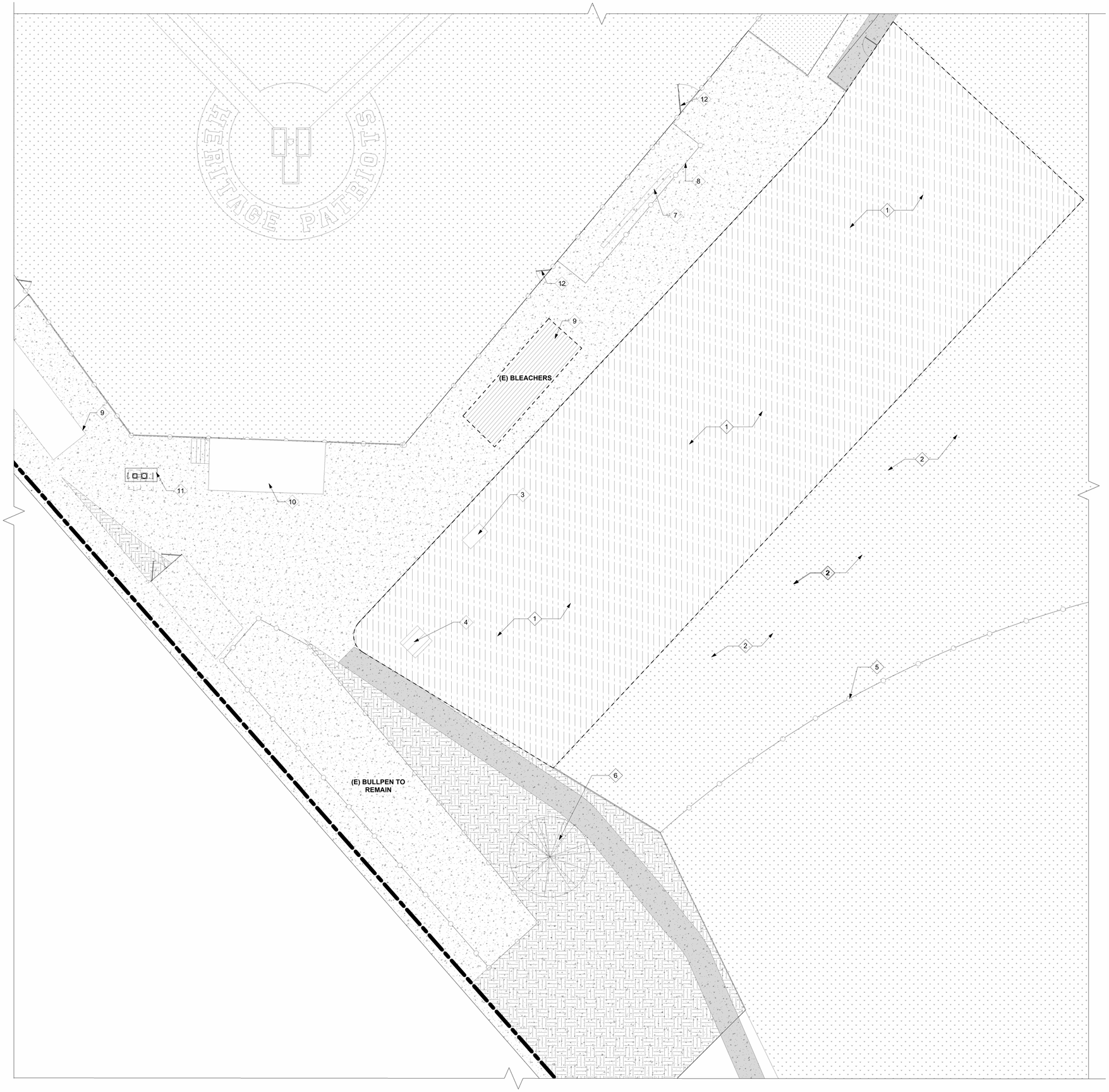
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SITE PLAN

A101

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1 DEMOLITION ENLARGED PLAN
1/8" = 1'-0"

KEYNOTES

1. (E) TURF AREA TO BE SCARIFIED TO GRADE SEE CIVIL DRAWINGS. ADJUST SPRINKLERS WHERE OCCURS.
2. (E) TURF TO REMAIN
3. (E) ELECTRICAL BOX TO BE REMOVED & RE-LOCATED SEE PROPOSED SITE PLAN
4. (E) DRAIN INLET TO BE REMOVED CAPPED
5. (E) OUTFIELD 6' FENCE TO REMAIN
6. (E) TREE TO REMAIN
7. (E) BENCH TO REMAIN
8. (E) CHAINLINK FENCE TO REMAIN
9. (E) BLEACHERS TO REMAIN
10. (E) PLATFORM TO REMAIN
11. (E) DF TO REMAIN
12. (E) GATE TO REMAIN

LEGEND

- (E) CHAINLINK FENCING
- (E) PROPERTY LINE
- (E) SOIL AREAS
- (E) CONCRETE PAVING
- (E) ASPHALT CONCRETE PAVING
- (E) LANDSCAPING
- DEMO SURFACES

DEMOLITION GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCEMENT OF DEMOLITION WORK. NOTIFY ARCHITECT OF DISCREPANCIES BEFORE PROCEEDING.
2. DEMOLITION SHALL BE LIMITED TO ITEMS INDICATED ON THE DRAWINGS. EXISTING IMPROVEMENTS NOT DESIGNATED FOR REMOVAL SHALL REMAIN AND BE PROTECTED IN PLACE.
3. CONTRACTOR SHALL COORDINATE DEMOLITION ACTIVITIES WITH OWNER TO MINIMIZE DISRUPTION TO CAMPUS OPERATIONS AND MAINTAIN SAFE ACCESS AT ALL TIMES.
4. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, LOCAL, AND DSA REQUIREMENTS GOVERNING DEMOLITION OPERATIONS.
5. PROVIDE ALL TEMPORARY BARRIERS, FENCING, SIGNAGE, AND PROTECTION NECESSARY TO MAINTAIN PUBLIC SAFETY DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
6. PROTECT EXISTING STRUCTURES, UTILITIES, PAVING, LANDSCAPING, AND IMPROVEMENTS DESIGNATED TO REMAIN. REPAIR DAMAGE CAUSED BY DEMOLITION OPERATIONS AT NO ADDITIONAL COST TO OWNER.
7. CONTRACTOR SHALL LOCATE, IDENTIFY, AND PROTECT ALL UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO DEMOLITION. CONTACT UNDERGROUND SERVICE ALERT (811) A MINIMUM OF 48 HOURS BEFORE EXCAVATION.
8. UTILITIES SERVING EXISTING FACILITIES SHALL REMAIN IN OPERATION UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE UTILITY SHUTDOWNS WITH OWNER AND OBTAIN APPROVAL PRIOR TO INTERRUPTION OF SERVICE.
9. REMOVE ABANDONED UTILITIES ENCOUNTERED WITHIN DEMOLITION LIMITS UNLESS OTHERWISE INDICATED. CAP AND SEAL REMAINING UTILITY LINES IN ACCORDANCE WITH UTILITY PROVIDER REQUIREMENTS.
10. DEMOLISHED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY REMOVED FROM THE SITE UNLESS OTHERWISE NOTED.
11. REMOVE EXISTING FOUNDATIONS, FOOTINGS, AND UNDERGROUND STRUCTURES TO A MINIMUM OF 12 INCHES BELOW FINISHED GRADE UNLESS NOTED OTHERWISE. BACKFILL AND COMPACT EXCAVATIONS IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND GEOTECHNICAL RECOMMENDATIONS.
12. EXISTING TREES, LANDSCAPING, IRRIGATION SYSTEMS, AND SITE IMPROVEMENTS DESIGNATED TO REMAIN SHALL BE PROTECTED THROUGHOUT CONSTRUCTION.
13. MAINTAIN POSITIVE DRAINAGE DURING DEMOLITION ACTIVITIES. PREVENT EROSION, SEDIMENTATION, AND DISCHARGE OF POLLUTANTS FROM THE SITE.
14. DEMOLITION DEBRIS SHALL NOT BE STOCKPILED IN A MANNER THAT OBSTRUCTS EMERGENCY ACCESS, PEDESTRIAN CIRCULATION, OR SCHOOL OPERATIONS.
15. CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES SHOWN ON DRAWINGS. UTILITY INFORMATION IS APPROXIMATE AND PROVIDED FOR REFERENCE ONLY.
16. PATCH, REPAIR, AND RESTORE ADJACENT SURFACES DISTURBED BY DEMOLITION WORK TO MATCH EXISTING CONDITIONS UNLESS OTHERWISE INDICATED.
17. WHERE DEMOLITION CREATES EXPOSED EDGES OR UNFINISHED SURFACES, PROVIDE TEMPORARY PROTECTION AND WEATHERPROOFING UNTIL NEW CONSTRUCTION IS COMPLETED.
18. CONTRACTOR SHALL RECYCLE OR SALVAGE MATERIALS WHERE FEASIBLE AND IN ACCORDANCE WITH PROJECT REQUIREMENTS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Ren. 12/31/27
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

101 American Ave
Brentwood, CA 94513

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

Project Number

Issue Date

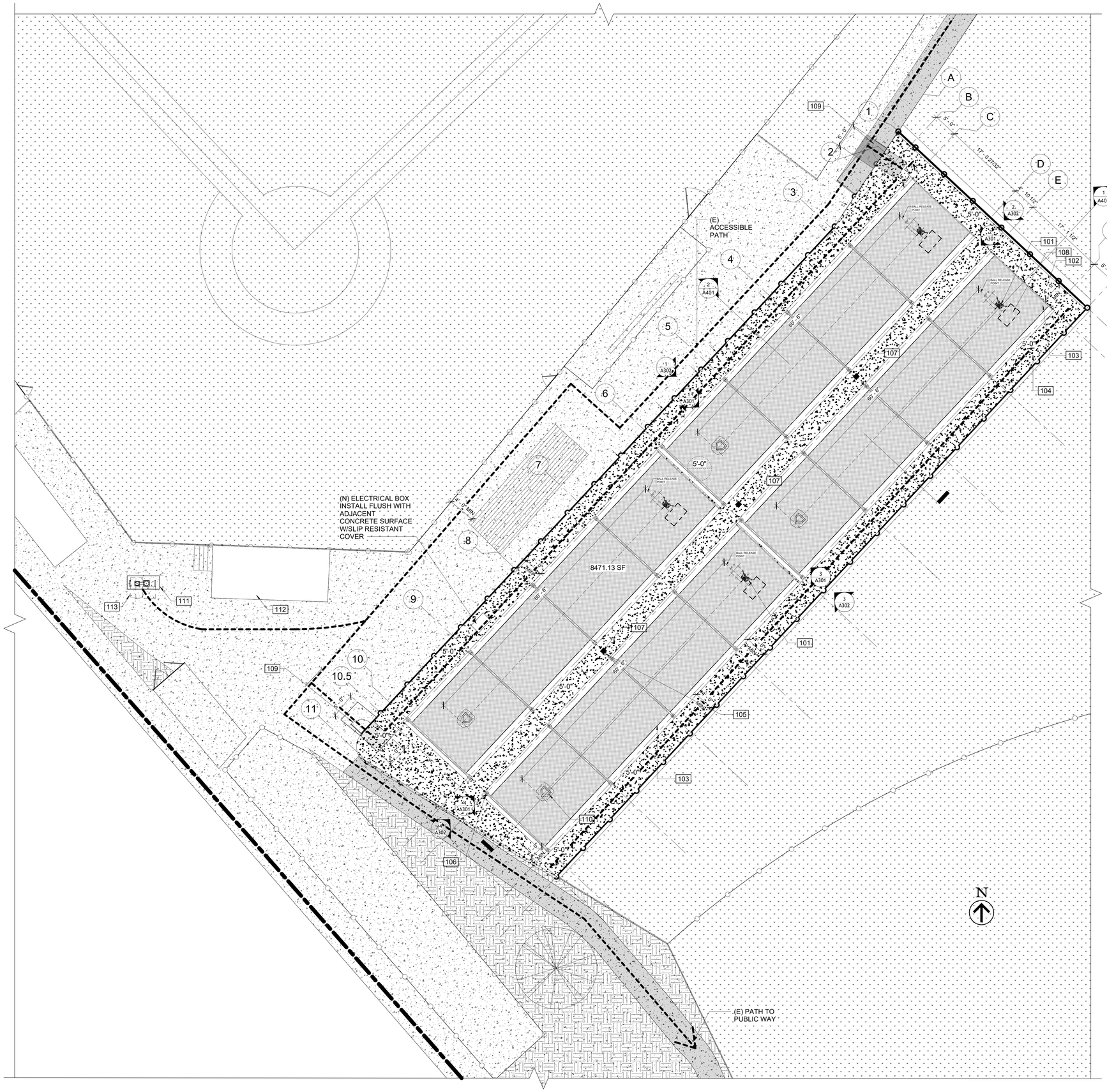
KEY MAP

SHEET TITLE

DEMOLITION ENLARGED PLAN

A102

PLOT DATE: 11/8/2026 4:59:22 PM



1 PROPOSED ENLARGED PLAN
1/8" = 1'-0"

KEYNOTES

101	NEW PITCHING MACHINE SEE DETAIL 1/A503
102	NEW SLAB SEE DETAIL 7,8 /A501
103	NEW BATTING CAGE SEE 2/A502
104	WHEEL CHAIR CLEARANCE
105	NEW AREA DRAIN SEE CIVIL DRAWINGS
106	TIE INTO EXISTING SD SEE CIVIL DRAWINGS
107	(N) DRAIN SEE CIVIL
108	(N) 30 " X 48" CLEAR SPACE
109	(N) GATE SEE DETAIL 4/A501
110	(N) HOME PLATE PER DETAIL 5/A503
111	(E) DRINKING FOUNTAIN SEE DETAIL 4/A503
112	(E) PLATFORM
113	(E) 30" X 48" CLEAR SPACE

LEGEND

- (N) ACCESSIBLE PATH OF TRAVEL
- (E) 20' FIRE LANE
- (E) FIRE HYDRANT
- (E) CHAINLINK FENCING
- (N) CHAINLINK FENCING
- (E) PROPERTY LINE
- (E) SOIL AREAS
- (E) CONCRETE PAVING
- (N) CONCRETE SLAB
- (E) ASPHALT CONCRETE PAVING
- (E) LANDSCAPING
- (N) SYNTHETIC TURF

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (811) A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION ACTIVITIES.
3. PROTECT ALL EXISTING UTILITIES, STRUCTURES, LANDSCAPING, IRRIGATION, PAVING, FENCING, AND SITE IMPROVEMENTS TO REMAIN. REPAIR OR REPLACE ANY DAMAGE CAUSED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
4. ALL WORK SHALL COMPLY WITH THE CURRENT CALIFORNIA BUILDING CODE (CBC), CALIFORNIA FIRE CODE (CFC), CALIFORNIA ELECTRICAL CODE (CEC), CALIFORNIA PLUMBING CODE (CPC), AND ALL APPLICABLE DSA REQUIREMENTS.
5. PROVIDE A CONTINUOUS ACCESSIBLE ROUTE TO THE BATTING CAGE FACILITY IN ACCORDANCE WITH CBC CHAPTER 11B.
6. CONTRACTOR SHALL MAINTAIN EXISTING FIRE DEPARTMENT ACCESS ROADS AND EMERGENCY EGRESS PATHS DURING CONSTRUCTION.
7. ALL EXCAVATION, FILL, AND COMPACTION SHALL CONFORM TO THE PROJECT GEOTECHNICAL REPORT AND DSA-APPROVED STRUCTURAL DOCUMENTS.
8. VERIFY LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF FOOTINGS, FOUNDATIONS, AND SITE IMPROVEMENTS.
9. COORDINATE ALL ELECTRICAL WORK WITH EXISTING CAMPUS ELECTRICAL SYSTEMS. VERIFY LOCATIONS OF EXISTING PULL BOXES, CONDUITS, AND ELECTRICAL EQUIPMENT PRIOR TO CONSTRUCTION.
10. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL FOUNDATIONS, SLABS, AND STRUCTURES.
11. ALL FENCING, NETTING, POSTS, FOUNDATIONS, AND STRUCTURAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED STRUCTURAL DRAWINGS.
12. FIELD VERIFY ALL EXISTING GRADES. CONTRACTOR SHALL NOTIFY ARCHITECT OF CONDITIONS DIFFERING FROM THOSE SHOWN ON THE DRAWINGS.
13. REMOVE AND LEGALLY DISPOSE OF ALL DEMOLISHED MATERIALS OFF SITE UNLESS OTHERWISE NOTED.
14. RESTORE ALL DISTURBED AREAS TO MATCH EXISTING ADJACENT CONDITIONS.
15. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH DISTRICT REQUIREMENTS FOR SAFETY, SECURITY, AND CAMPUS OPERATIONS.

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RODOLFO L. CHACON
No. C 28654
Renl 08/2027
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

101 American Ave
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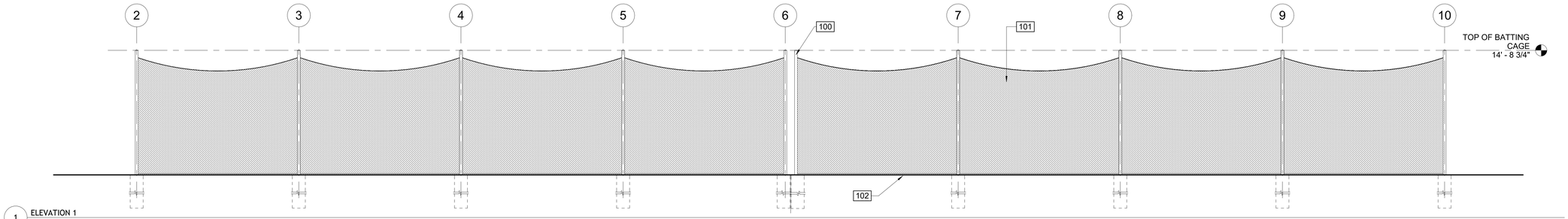
KEY MAP

SHEET TITLE

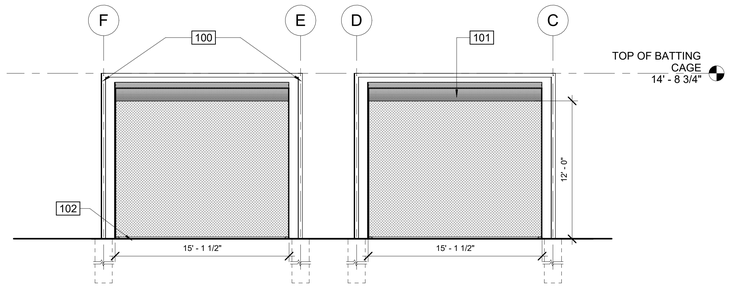
PROPOSED ENLARGED PLAN

A103

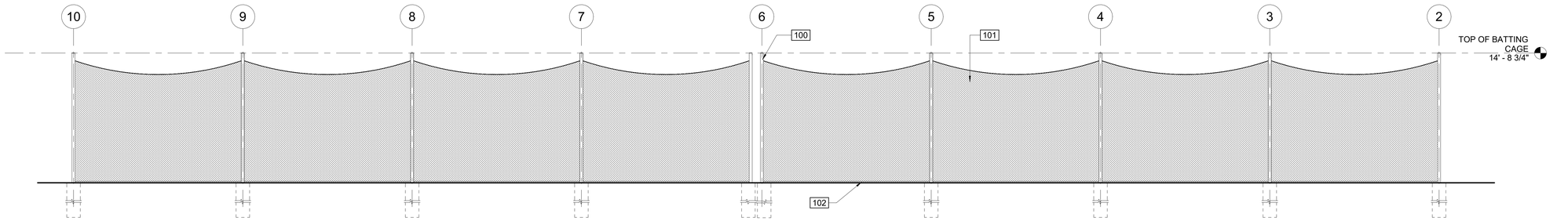
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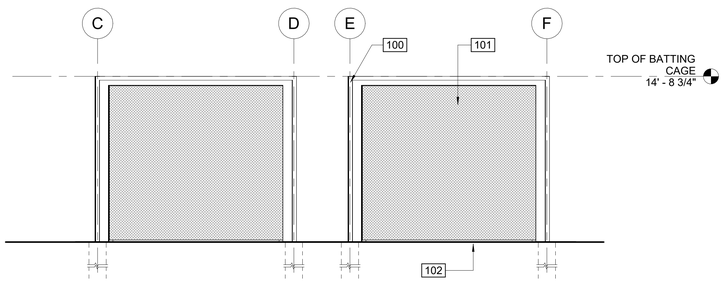
1 ELEVATION 1
3/16" = 1'-0"



2 ELEVATION 2
3/16" = 1'-0"



3 ELEVATION 3
3/16" = 1'-0"



4 ELEVATION 4
3/16" = 1'-0"

GENERAL NOTES

1. PROVIDE COMPLETE BATTING CAGE SYSTEM INCLUDING POSTS, CABLES, NETTING, HARDWARE, FOOTINGS, AND ACCESSORIES AS SHOWN.
2. ALL STEEL POSTS, FRAMES, CABLES, CONNECTIONS, AND HARDWARE SHALL CONFORM TO THE STRUCTURAL DRAWINGS.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO FABRICATION AND INSTALLATION.
4. NETTING SHALL BE UV-STABILIZED, HIGH-TENACITY KNOTLESS NYLON OR APPROVED EQUAL SUITABLE FOR OUTDOOR ATHLETIC USE.
5. NETTING SHALL BE SECURELY ATTACHED TO SUPPORT CABLES AND FRAMING MEMBERS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
6. PROVIDE TENSIONED CABLE SYSTEM TO MAINTAIN NET ALIGNMENT AND MINIMIZE SAG.
7. INSTALL ALL POSTS PLUMB AND TRUE.
8. ALL EXPOSED STEEL SHALL BE HOT-DIP GALVANIZED OR FACTORY FINISHED FOR EXTERIOR EXPOSURE.
9. FIELD TOUCH-UP OF DAMAGED GALVANIZED OR COATED SURFACES SHALL BE PROVIDED AFTER INSTALLATION
10. COORDINATE LOCATIONS OF FOOTINGS WITH EXISTING UTILITIES PRIOR TO EXCAVATION.
11. CONTRACTOR SHALL VERIFY CLEARANCES TO EXISTING SITE FEATURES, FENCING, DRAINAGE STRUCTURES, AND ELECTRICAL EQUIPMENT PRIOR TO INSTALLATION.
12. NETTING SHALL BE FREE OF TEARS, DEFECTS, OR DAMAGE AT TIME OF SUBSTANTIAL COMPLETION.
13. PROVIDE ALL REQUIRED BRACING, GUYING, AND CONNECTIONS NECESSARY TO RESIST DESIGN WIND LOADS.
14. INSTALLATION SHALL COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
15. ALL DIMENSIONS ARE TO FACE OF POSTS UNLESS NOTED OTHERWISE.
16. PROVIDE PITCHING MACHINE ANCHOR SYSTEM PER MANUFACTURER'S REQUIREMENTS.
17. COORDINATE ELECTRICAL POWER REQUIREMENTS FOR PITCHING MACHINES WITH ELECTRICAL DRAWINGS.
18. PROVIDE SYNTHETIC TURF SURFACE WITH SEAMS, INFILL, AND ACCESSORIES INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
19. ALL TURF TRANSITIONS SHALL BE FLUSH AND FREE OF TRIP HAZARDS.
20. BATTING CAGE SYSTEM SHALL BE DESIGNED AND INSTALLED TO WITHSTAND APPLICABLE WIND LOADS INDICATED IN THE STRUCTURAL DRAWINGS.

KEYNOTES

100	NEW POLE BY MFR.
101	NEW FABRIC NETTING BY MFR SEE CONNECTION DETAIL 3 SHEET A505
102	NEW CONCRETE SLAB

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RODOLFO I. CHACON
No. C 28654
Ren. 3/28/2027
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

HERITAGE PATRIOTS

101 American Ave
Brentwood, CA 94513

CHACON ARCHITECTURE

RODOLFO I.CHACON
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ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565

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Project Number

Issue Date

KEY MAP

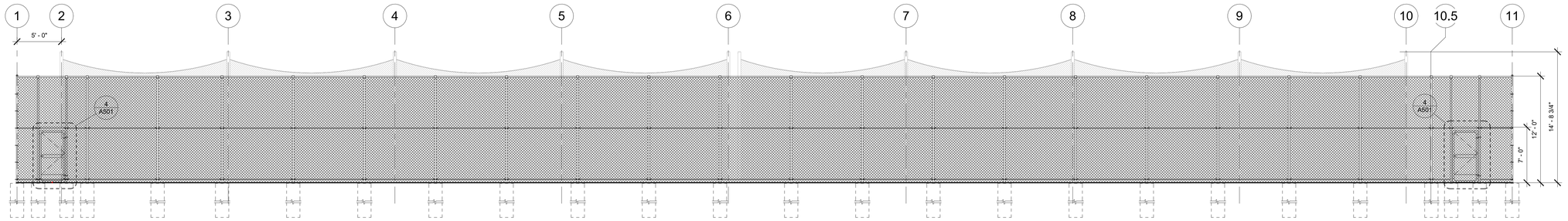
SHEET TITLE

NEW BATTING CAGE ELEVATIONS

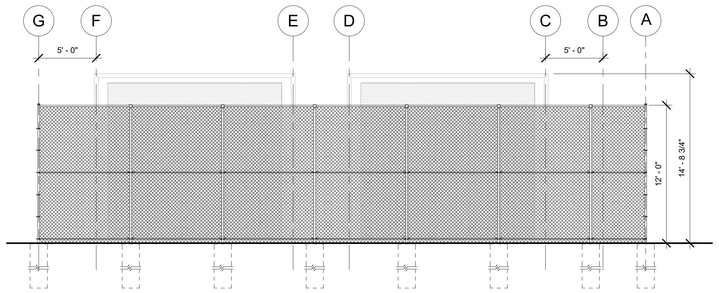
A301

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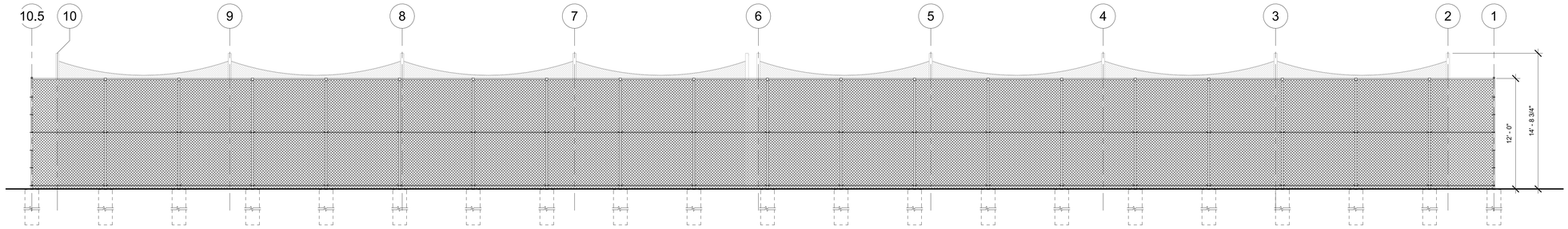
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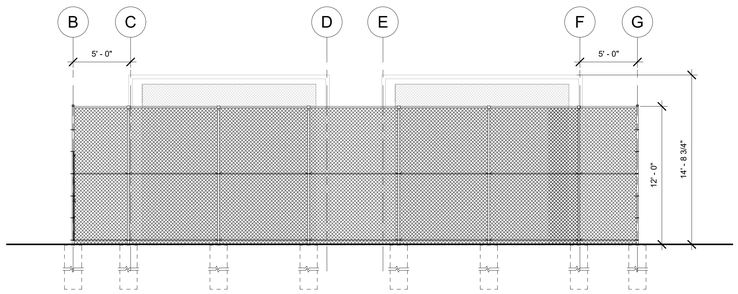
1 CHAINLINK ELEVATION 1
3/16" = 1'-0"



2 CHAINLINK ELEVATION 2
3/16" = 1'-0"



3 CHAINLINK ELEVATION 3
3/16" = 1'-0"



4 CHAINLINK ELEVATION 4
3/16" = 1'-0"

GENERAL NOTES

1. PROVIDE COMPLETE BATTING CAGE SYSTEM INCLUDING POSTS, CABLES, NETTING, HARDWARE, FOOTINGS, AND ACCESSORIES AS SHOWN.
2. ALL STEEL POSTS, FRAMES, CABLES, CONNECTIONS, AND HARDWARE SHALL CONFORM TO THE STRUCTURAL DRAWINGS.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO FABRICATION AND INSTALLATION.
4. NETTING SHALL BE UV-STABILIZED, HIGH-TENACITY KNOTLESS NYLON OR APPROVED EQUAL SUITABLE FOR OUTDOOR ATHLETIC USE.
5. NETTING SHALL BE SECURELY ATTACHED TO SUPPORT CABLES AND FRAMING MEMBERS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
6. PROVIDE TENSIONED CABLE SYSTEM TO MAINTAIN NET ALIGNMENT AND MINIMIZE SAG.
7. INSTALL ALL POSTS PLUMB AND TRUE.
8. ALL EXPOSED STEEL SHALL BE HOT-DIP GALVANIZED OR FACTORY FINISHED FOR EXTERIOR EXPOSURE.
9. FIELD TOUCH-UP OF DAMAGED GALVANIZED OR COATED SURFACES SHALL BE PROVIDED AFTER INSTALLATION
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12. NETTING SHALL BE FREE OF TEARS, DEFECTS, OR DAMAGE AT TIME OF SUBSTANTIAL COMPLETION.
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14. INSTALLATION SHALL COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
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20. BATTING CAGE SYSTEM SHALL BE DESIGNED AND INSTALLED TO WITHSTAND APPLICABLE WIND LOADS INDICATED IN THE STRUCTURAL DRAWINGS.

KEYNOTES

100	NEW POLE BY MFR.
101	NEW FABRIC NETTING BY MFR SEE CONNECTION DETAIL 3 SHEET A505
102	NEW CONCRETE SLAB
103	NEW CHAINLINK FENCING SEE DETAILS ON SHEET A501

IDENTIFICATION STAMP
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RODOLFO L. CHACON
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Baseball Infield & Softball Outfield Improvements

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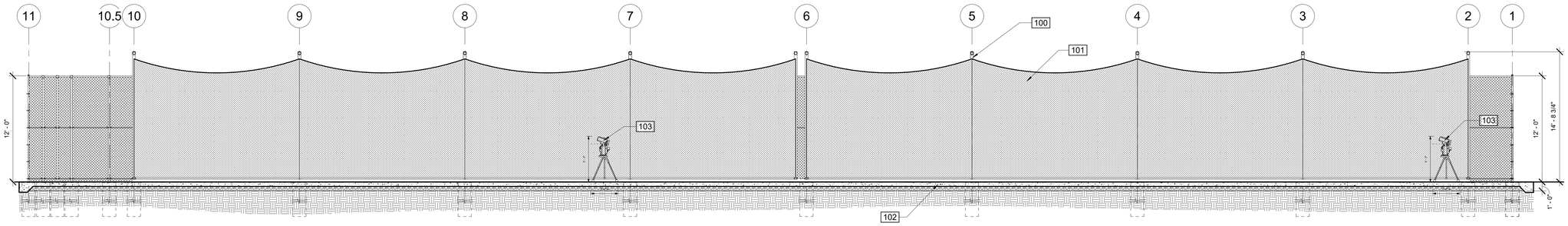
KEY MAP

SHEET TITLE

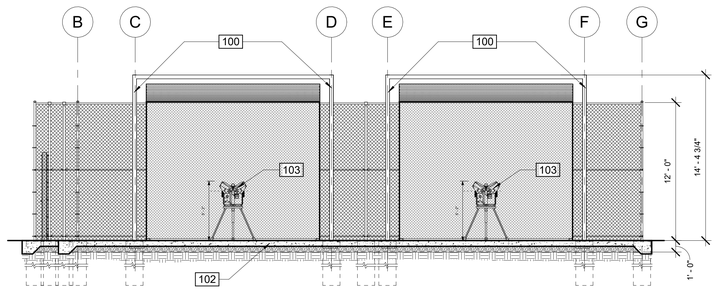
CHAINLINK ELEVATIONS

A302

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1 SECTION 1
3/16" = 1'-0"



2 SECTION 2
3/16" = 1'-0"

GENERAL NOTES

1. All batting cage netting, poles, cable, and hardware shall be furnished and installed by manufacturer per manufacturer's engineered shop drawings; contractor to submit shop drawings and calculations for architect/engineer review prior to fabrication.

2. Pole foundations to be designed by netting manufacturer's engineer of record for site-specific wind loads per ASCE 7/CBC, and shall bear on soil per geotechnical report recommendations (min. bearing capacity to be verified).

3. Netting to be UV-stabilized, flame-retardant treated nylon or polyethylene, minimum tensile strength per manufacturer, sized to prevent ball pass-through (typical max. 2" square mesh for baseball/softball).

4. All structural steel poles to be hot-dip galvanized or otherwise corrosion-protected per manufacturer standard finish.

5. Provide turnbuckles, cable, and tensioning hardware at all net attachment points; netting to be field-adjustable for proper tension without sagging.

6. Verify all pole heights, spacing, and bay widths in field prior to fabrication; dimensions shown are approximate and based on manufacturer's standard system - coordinate final layout with manufacturer.

7. Concrete slab to be minimum 3,000 psi at 28 days, reinforced per structural, sloped 1/4" per foot min. for positive drainage away from cage.

8. Pitching machine platforms/pads to be coordinated with equipment supplier for anchor bolt locations, power (120V/20A dedicated circuit, GFCI protected) if electric machines are used.

9. Provide access gate(s) in netting for player and maintenance access; gate hardware to allow full closure to prevent ball escape during play.

10. Maintain minimum clear height of [12'-0"] under netting at batter/pitcher zones per manufacturer recommendation; verify with governing athletic association standards (NFHS/CIF) for cage dimensions.

11. All exposed pole bases and anchor hardware to be capped or covered to eliminate trip/impact hazard.

12. Netting system shall include manufacturer's standard warranty (typical 5-10 years against UV degradation); provide warranty documentation to owner at closeout.

13. Contractor to field verify existing grades, utilities, and obstructions prior to foundation excavation; notify architect of discrepancies.

14. Provide manufacturer's maintenance and inspection guidelines to owner for netting

ELEVATION KEYNOTES

100	NEW POLE BY MFR. NEW PITCHING MACHINE SEE PECS
101	NEW FABRIC NETTING BY MFR
102	NEW CONCRETE SLAB
103	NEW PITCHING MACHINE SEE SPECS

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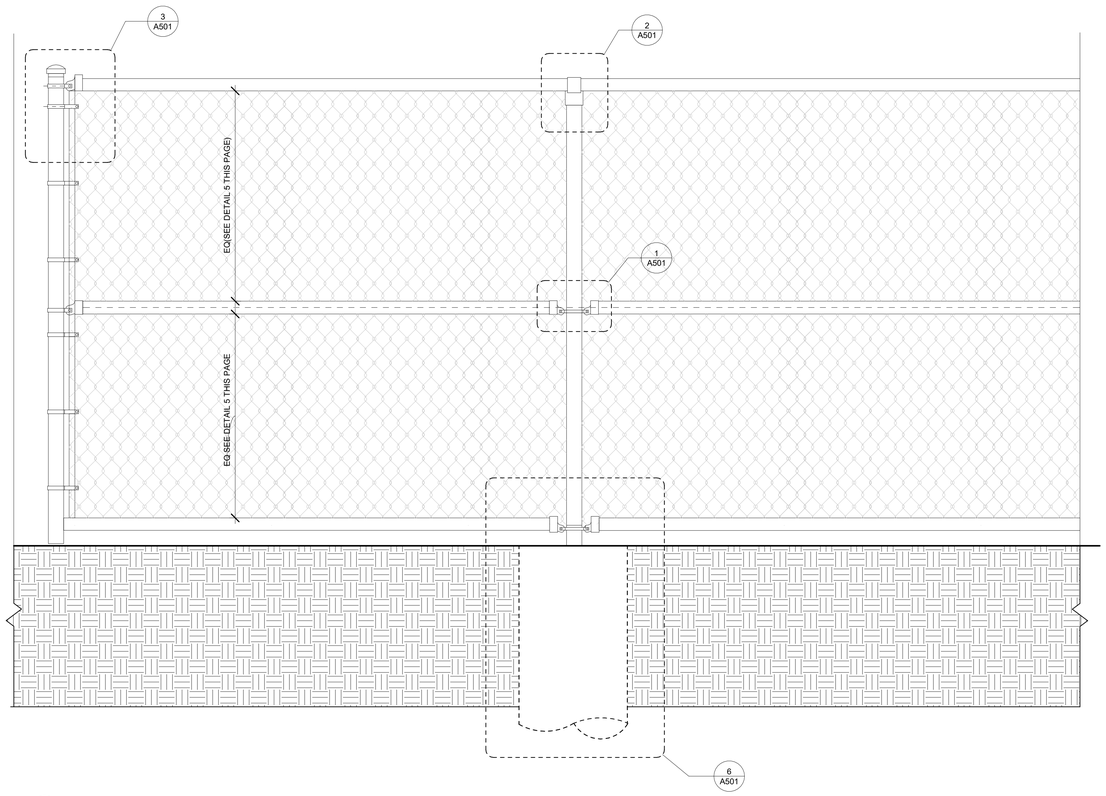
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Issue Date

KEY MAP

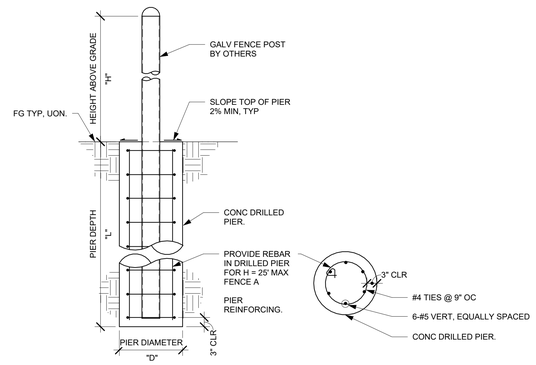
SHEET TITLE
SECTIONS

A401

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PLOT DATE: 11/8/2026 4:59:30 PM



9 GATE
1 1/2" = 1'-0"



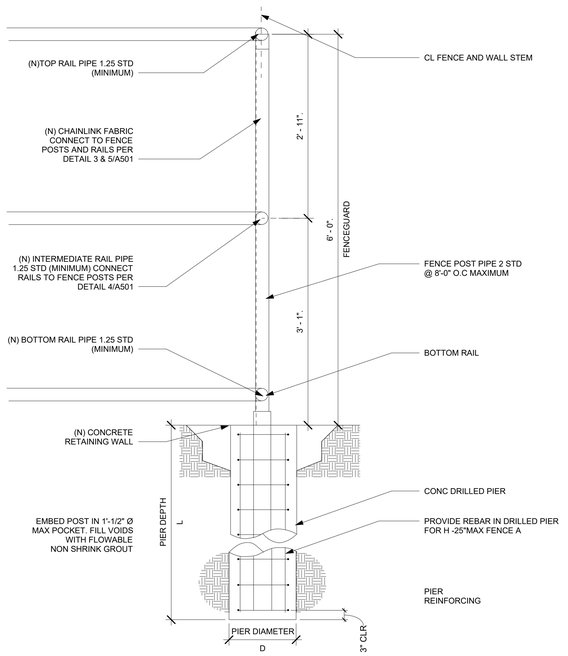
6 FENCE POST FOOTING DETAIL
1 1/2" = 1'-0"

DRILLED PIER SCHEDULE

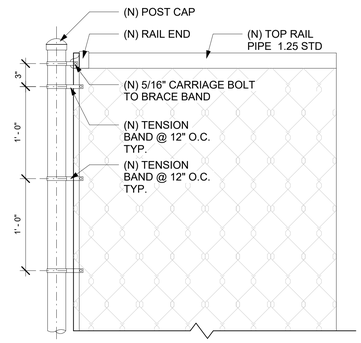
ITEM	HEIGHT ABOVE GRADE, "H"	PIER DIAMETER "D"	PIER LENGTH "L"
FENCE	10'-0" MAX	1'-6"	8'-0"
FENCE	25'-0" MAX	2'-0"	11'-0"

NOTE:

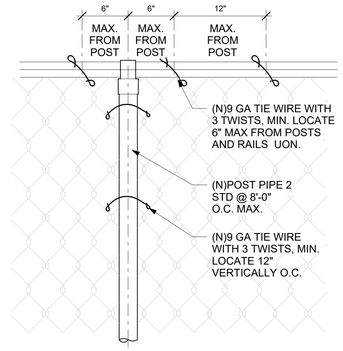
1. SEE ARCH. DRAWINGS FOR LOCATION OF FENCE.



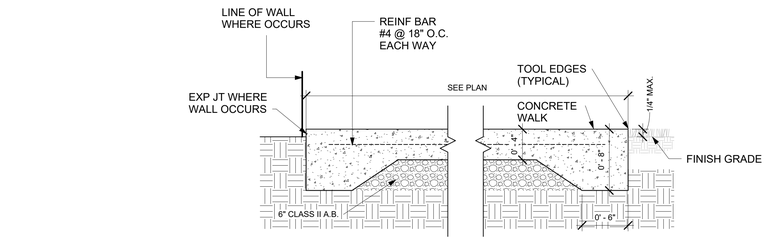
5 DETAIL
1 1/2" = 1'-0"



3 END POST DETAIL
1 1/2" = 1'-0"

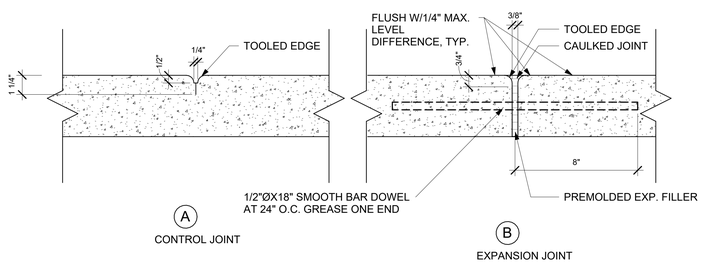


2 TOP RAIL DETAIL
1 1/2" = 1'-0"



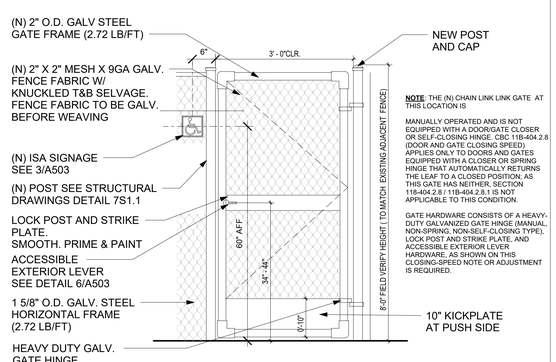
GENERAL NOTES:
1. EXPANSION JOINT @ 12'-0" MAX, SEE 1A THIS PAGE
2. EXPANSION JOINT ON SIDEWALK SHALL MATCH WITH JOINTS ON CURB & GUTTER
   CONTROL JOINT BETWEEN EXPANSION JOINTS SHALL BE 4'-0" O.C., SEE 1B THIS PAGE
3. ALL EDGES SHALL HAVE 1/2" RADIUS.
4. APPLY MEDIUM BROOM FINISH TO SURFACE OF CURB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

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



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

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

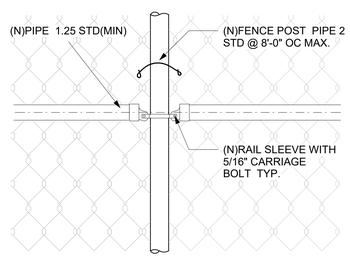


NOTE: THE (N) CHAIN LINK LINK GATE AT THIS LOCATION IS

MANUALLY OPERATED AND IS NOT EQUIPPED WITH A DOOR/GATE CLOSER OR SELF-CLOSING HINGE. CBC 11B-404.2.8 (DOOR AND GATE CLOSING SPEED) APPLIES ONLY TO DOORS AND GATES EQUIPPED WITH A CLOSER OR SPRING HINGE THAT AUTOMATICALLY RETURNS THE LEAF TO A CLOSED POSITION; AS THIS GATE HAS NEITHER, SECTION 11B-404.2.8 / 11B-404.2.8.1 IS NOT APPLICABLE TO THIS CONDITION.

GATE HARDWARE CONSISTS OF A HEAVY-DUTY GALVANIZED GATE HINGE (MANUAL, NON-SPRING, NON-SELF-CLOSING TYPE), LOCK POST AND STRIKE PLATE, AND ACCESSIBLE EXTERIOR LEVER HARDWARE, AS SHOWN ON THIS CLOSING-SPEED NOTE OR ADJUSTMENT IS REQUIRED.

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



1 INTERMEDIATE CONNECTION
1 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Ren. 2/29/2028
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

101 American Ave
Brentwood, CA 94513

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

Project Number

Issue Date

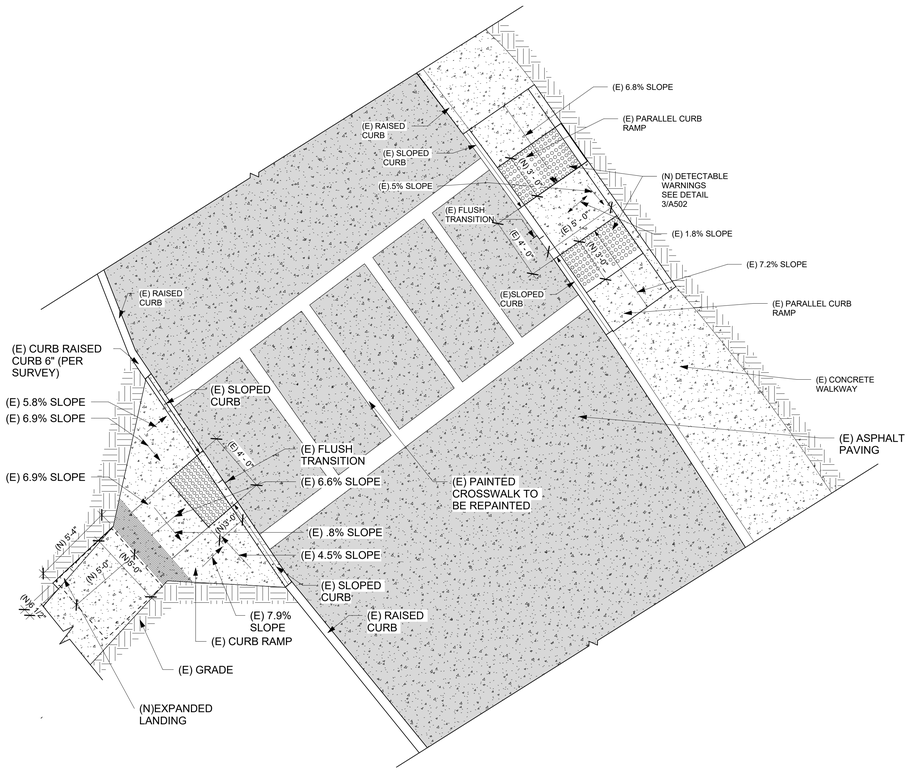
KEY MAP

SHEET TITLE

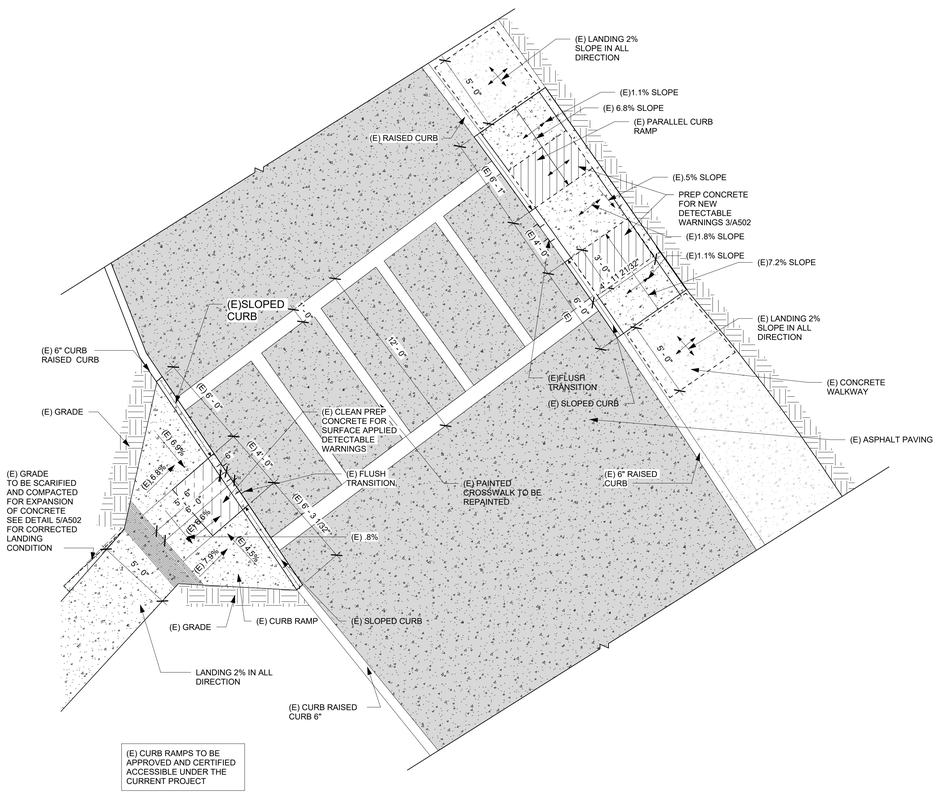
DETAILS

A501

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5 PROPOSED CURB RAMP/ CROSSWALK UPGRADE PLAN
1/4" = 1'-0"



(E) CURB RAMPS TO BE APPROVED AND CERTIFIED ACCESSIBLE UNDER THE CURRENT PROJECT

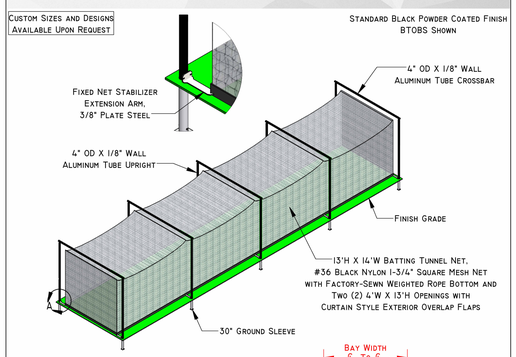
4 DEMOLITION CURB RAMP/ CROSSWALK PLAN
1/4" = 1'-0"

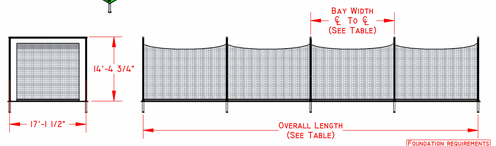
SPORTSFIELD SPECIALTIES
WWW.SPORTSFIELD.COM

Excellence from Design to Installation
41155 State Highway 10, PO Box 231, Delhi, NY 13753 CALL: 888-975-3343 FAX: 607-746-8481

CUSTOM SIZES AND DESIGNS AVAILABLE UPON REQUEST

STANDARD BLACK POWDER COATED FINISH
BTOBS SHOWN





FOUNDATION REQUIREMENTS VARY BASED ON LOCAL CODES AND SOIL CONDITIONS

SPORTSFIELD SPECIALTIES, INC. STRONGLY RECOMMENDS THE REMOVAL OF ALL NETS PRIOR TO EXPOSURE TO WINTER WEATHER, INCLUDING SNOW AND/OR ICE STORMS. WHENEVER POSSIBLE, THE NETS SHOULD ALSO BE LOWERED PRIOR TO ANY EXTREME WIND EVENTS. REMOVAL/LOWERING OF THE NETS WILL MITIGATE ANY UNFORESEEN DAMAGE TO THE POLES. NETS AND/OR ATTACHMENT HARDWARE. STORING NETS IN A DRY, PEST FREE LOCATION WILL HELP EXTEND THE LIFE OF THE NETS. SPORTSFIELD SPECIALTIES, INC. WILL NOT BE HELD LIABLE OR ASSUME RESPONSIBILITY FOR ANY DAMAGE TO THE NETS, POLES AND/OR CORRESPONDING ATTACHMENT HARDWARE IF THE NETS ARE NOT REMOVED/LOWERED PRIOR TO THE ABOVE DESCRIBED WIND AND/OR WEATHER EVENTS.

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF SPORTSFIELD SPECIALTIES INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SPORTSFIELD SPECIALTIES INC. IS PROHIBITED.

Ground Sleeve Overhead Batting Tunnel

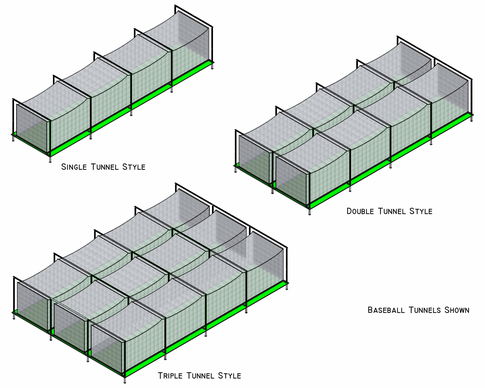
Not To Scale | Sportsfield Specialties Inc 08232023

C:\ENG\Sales Docs\Products\Baseball and Softball\Batting Tunnels\Overhead Batting Tunnels\Ground Sleeve\Cut Sheets\

2 Ground Sleeve Overhead Batting Tunnel
1 1/2" = 1'-0"

SPORTSFIELD SPECIALTIES
WWW.SPORTSFIELD.COM

Excellence from Design to Installation
41155 State Highway 10, PO Box 231, Delhi, NY 13753 CALL: 888-975-3343 FAX: 607-746-8481



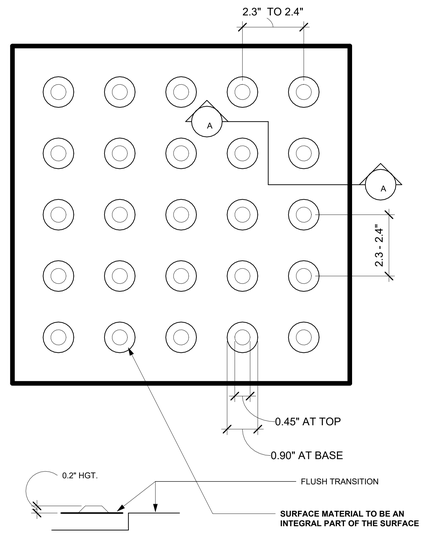
MODEL	SPORT	STYLE	OVERALL LENGTH	BAY WIDTH
BTOBS	BASEBALL	SINGLE	75'	(4) @ 18'-9"
BTOBD	BASEBALL	DOUBLE		
BTOBT	BASEBALL	TRIPLE		
BTOSS	SOFTBALL	SINGLE	55'	(3) @ 18'-4"
BTOSD	SOFTBALL	DOUBLE		
BTOST	SOFTBALL	TRIPLE		

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF SPORTSFIELD SPECIALTIES INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SPORTSFIELD SPECIALTIES INC. IS PROHIBITED.

Ground Sleeve Overhead Batting Tunnel

Not To Scale | Sportsfield Specialties Inc 08232023

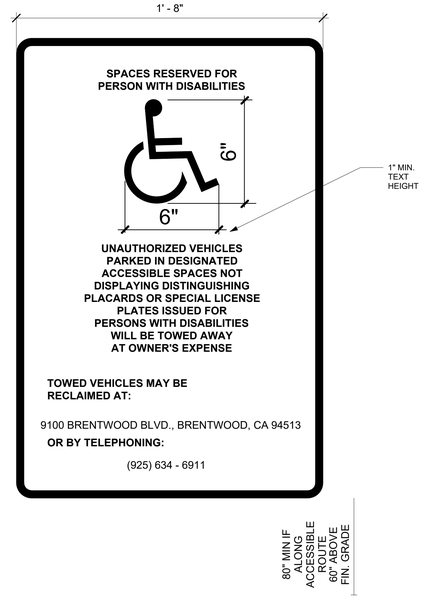
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TYPICAL SECTION A-A

SHALL BE YELLOW AND APPROXIMATE 33538 OF SAE AMS-STD-595A

3 DETECTABLE 2
3" = 1'-0"



1 SIGN DETAIL
3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Ren.8/26/27
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

HERITAGE PATRIOTS

101 American Ave
Brentwood, CA 94513

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

Project Number

Issue Date

KEY MAP

SHEET TITLE

DETAILS

A502

PLOT DATE: 11/8/2026 4:59:38 PM

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ADVANTEX®

10xW SERIES

Weatherized Rim Exit Device

The 10xW Series **weatherized rim exit device** is super-heavy-duty **panic** and **fire exit hardware** for use on all types of single doors and gates and double doors and gates with mullions that are or may be exposed directly to the weather. The patented mounting plate and strike locator system ensures the easiest and most accurate installation of panic hardware available. In addition to listing as UL panic and fire exit hardware device, this device conforms to UL1034-93 Burglary-Resistant Section 24, UL 1034-04 Dust Section 54, MIL-STD 810F, Method 506.4 (driving rain test), and MIL-STD 810F, Method 509.4 (salt fog test).



ANSI 156.3 - 2008
Grade 1
Type 1

Benefits

- Tough and durable design for years of trouble-free service in high-use, high-abuse or inclement weather environments
- Minimal door prep saves time and money
- Fast and easy installation saves time and money
- Patented mounting plate and strike locator replaces paper templates
- Outside trims are easily changed or re-keyed without removing device from door
- Heavy duty angled end cap deflects damage away from device

Features

- Stainless steel deadlocking, Pullman-type latch bolt
- Assembled using components designed to withstand dust, driving rain and salt fog
- 1/8 turn hex or cylinder dogging
- Field sizeable
- All exposed surfaces are finished with stainless steel with PVD, an environmentally-friendly finishing process
- Non-handed
- Fasteners made of stainless steel 316 material
- Tested beyond 1,000,000 cycles - Twice the cycling required for Grade 1 UL testing

Mechanical Options

- H - Hurricane Rated
- AM - Anti-Microbial Coating
- BP-3 Mounting plate (call factory for retrofit information)
- BP-5 Mounting Plate (call factory for retrofit information)
- CD - Cylinder Dogging
- HD - Hex Dogging (Std.)
- LD - Less Dogging
- EC1 - Heavy duty angled end cap (Std.)
- EC2 - Flush end cap
- 99 - Surface Strike (Std.)
- 98 - Semi Mortise Strike
- 24 - Fits 24" Door Width
- 30 - Fits 36" Door Width
- 36 - Fits 36" Door Width (Std.)
- 48 - Fits 48" Door Width

For full list of available mechanical options, see 10 Series How To Order page

Electrical Options

- Electric Unlock (EU)
- Request to Exit Weatherized (EX W)
- Request to Exit Weatherized for High Voltage (EXV W)

Refer to Electrified Options section for more information

Where Trust is Built
DETEX
(In Exits) and Assets) Our Business

9 GATE HARDWARE1
1 1/2" = 1'-0"

Accessories

- GBR - Glass Bead Kit
- SN1 - Sex Nut Kit (2 per package)
- SSK - Security Torx Screw Kit
- Trim Functions (see Outside Trims)
- GTPLKIT - Adjustable Gate Plate

Technical Information

- Door Types - Wood, Hollow Metal, Fiberglass or Aluminum
- Door Thickness - Fits standard 1-3/4" doors (or other door thicknesses contact factory)
- Minimum Stile - 4-5/8" with standard 99 strike; 4-1/8" with optional 98 strike
- Fasteners - Machine and Self-Drilling Screws standard stainless steel 316 material
- Recommended Plate Size

Gate - 1/8" thick plate, galvanized, or painted steel or 1/4" thick aluminum plate, minimum height - 15"

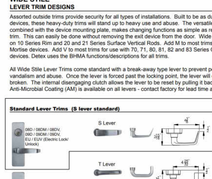
Strike - 1/8" thick plated, galvanized; painted steel plate, angle iron, or 1/4" thick aluminum plate, minimum Height - 5"

Stop - 1/8 thick plated, galvanized, or painted angle iron or 1/4" thick aluminum angle plate, minimum Height - 2"

Finishes

605 / US3	Polished Brass	612 / US10	Brushed Bronze
606 / US4	Brushed Brass	613 / US10B	Oil Rubbed Bronze
611 / US9	Polished Bronze	628 / US28	Aluminum Satin
		629 / US32	Polished Stainless Steel
630 / US32D	Brushed Stainless Steel
---	---
693 / SPBLK	Black, Painted
695 / SP 313	Dark Bronze, Painted

Single Gate



Dimensions



Detex Limited Warranty

10 Year Mechanical/3 year Electrical Limited Manufacturer's Warranty

Listings and Approvals

UL LISTED
UL 10C Fire Endurance
UL 1034-04 Temperature Section 34
Temperature Range: 0°F (-18° C) to 150° (66° C)
UL 1034-04 Dust Section 54

Meets ADA Requirements

State of Florida Approval

BHMA ANSI/BHMA certified A156.3

Mfg. ETO #10F (G). Method 509.4 (Salt Fog Test)
Mfg. ETO #10F (G). Method 506.4 (Driving Rain) Procedure I

Meets MIYIN 80 & 101 for Life Safety

Texas Department of Insurance

Where Trust is Built
DETEX
(In Exits) and Assets) Our Business

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX. (800) 653-3839
http://www.detex.com
ECS (800) 729-3839
marketing@detex.com
International Sales:
export@detex.com

For detailed windstorm listings, visit www.detex.com/PROVEN

July 26, 2021

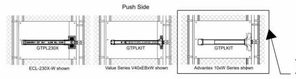
Cancer & Reproductive Harm - www.detex.com/prop65

8 GATE ACCESSORIES1
1 1/2" = 1'-0"

Weatherized Accessories

Gate Plate & Accessories

The mounting plate adjusts to fit different gate sizes. The adjustable receiving latch makes installation easy. The lockbox makes it possible to gain access from outside the gate by using a key. All accessories are available in silver or black finish.



THIS MODEL TO BE USED

GTPL
Adjustable Gate Plate



GTPLORD
Gate Latch Protector



GTSTKBKT
Strike Latch Receiver Bracket



- Fits Single Gates 32" - 52" wide
- Adjustable to fit wide variety of single gates
- Sleeved together
- Fits square or round gate frames

- Provides added security
- For use on existing gate plate application where gap is larger than 1"

- Doubles as gate stop

- Includes stainless steel U-bolt, nuts, tek-screws
- 1/4" steel with powder-coat finish

- Accommodates 99 strike for Advantex 10/40 Series and V40 Series

GTPLKIT
For Advantex and Value Series applications.

The kit includes:
GTPL - Adjustable Gate Plate
GTPLORD - Gate Latch Protector
GTSTKBKT - Strike Latch Receiver Bracket

GTPL230X
For ECL-230X applications.

The kit includes:
GTPL - Adjustable Gate Plate
GTPLORD - Gate Latch Protector
GTSTKBKT - Strike Latch Receiver Bracket
104345 - Adapter Plate

Where Trust is Built
DETEX
(In Exits) and Assets) Our Business

7 GATE ACCESSORIES
1 1/2" = 1'-0"

ADVANTEX®

WIDE STILE
LEVER TRIM DESIGNS

Assorted outside trims provide security for all types of installations. Built to be as durable as the panic devices, these heavy-duty trims will stand up to heavy use and abuse. The versatile design of the trims, combined with the wide selection of finishes, allows the architect to match the panic device to the outside trims. This can easily be done without removing the exit device from the door. Wide stile trims can be used on 10 Series Rim and 20 and 21 Series Surface Vertical Rods. Add M to most trims for use with 30 Series Mortise devices. Add V to most trims for use with 70, 71, 80, 81, 82 and 83 Series Concealed Vertical Rod devices. Detex uses the BHMA functions/descriptions for all trims.

All Wide Stile Lever Trims come standard with a break-away type lever to prevent permanent damage from vandalism and abuse. Once the lever is forced past the locking point, the lever will drop down and appear broken. The internal disengaging clutch allows the lever to be reset by pulling it back to its original position. Anti-Microbial Coating (AM) is available on all levers - contact factory for lead time and details.

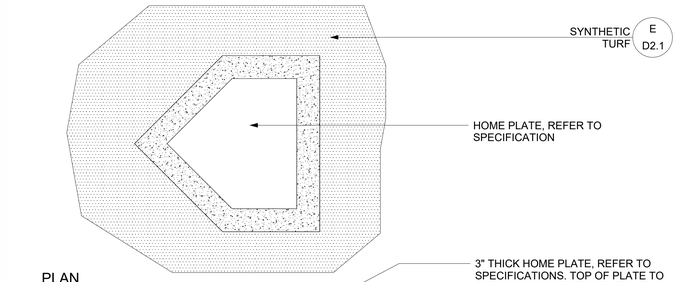
Standard Lever Trims (S lever standard)

THIS LEVER TO BE USED

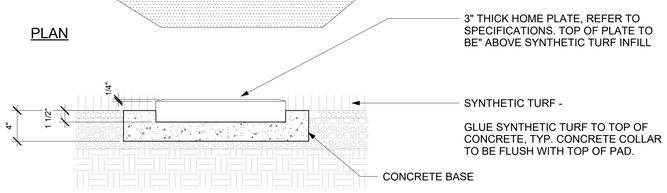
605 / US3	Polished Brass
606 / US4	Brushed Brass
611 / US9	Polished Bronze
612 / US10	Brushed Bronze
613 / US10B	Oil Rubbed Bronze
628 / US28	Aluminum Satin
629 / US32	Polished Stainless Steel
693 / SPBLK	Black Painted
695 / SP313	Dark Bronze Painted

Where Trust is Built
DETEX
(In Exits) and Assets) Our Business

6 GATE HARDWARE
1 1/2" = 1'-0"

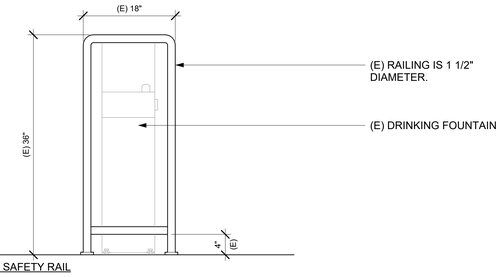


PLAN

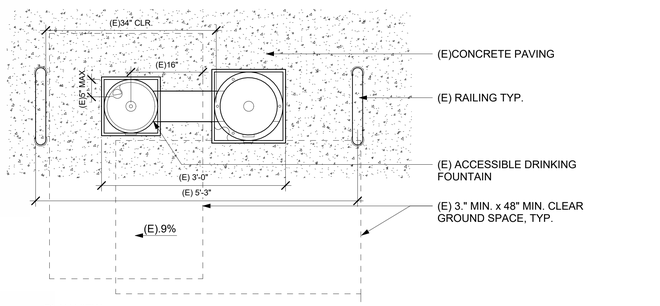


SECTION - A-A'

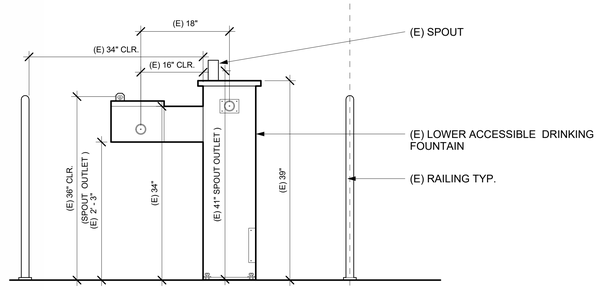
5 HOME PLATE DETAIL
1 1/2" = 1'-0"



SECTION - SAFETY RAIL



PLAN VIEW



ELEVATION VIEW

4 (E) DRINKING FOUNTAIN
1" = 1'-0"

PICTOGRAM & BACKGROUND OF CONTRASTING COLORS



U.N.O. PICTOGRAMS (PICTORIAL SYMBOL SIGNS) SHALL BE ACCOMPANIED BY THE EQUIVALENT WRITTEN DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.

3 ISA SIGN
3" = 1'-0"

Heritage High School - New Batting Cages (DSA Project)

PRODUCT DATA SHEET - TriplePlay Plus Pitching Machine

Model: TriplePlay Plus | 3-Wheel Baseball Pitching Machine

This sheet compiles specifications published by the manufacturer (Sports Tutor, Inc.) at the source link below, for the sole purpose of Revit family creation and DSA submittal reference. It is NOT a manufacturer-issued cut sheet. Dimensions, weights, and clearances shown are the manufacturer's nominal published values and should be field-verified / confirmed directly with the manufacturer prior to final Revit modeling, equipment anchorage design, and DSA back-check submittal.

Quantity required, this project: (3) units - Batting Cages 1, 2, and 3
Manufacturer source: https://sportstutorbaseballsoftball.com/triple-play-plus/
Source data retrieved: September 10, 2026

Specification	**Value**
Manufacturer	Sports Tutor, Inc.
Model	TriplePlay Plus (3-wheel pitching machine)
List Price (each)	$2,995
Speed Range	40 to 90 MPH, in 5 MPH increments
Pitch Height (ball exit)	55" (fixed – not height-adjustable)
Pitch Types	8 selectable: fastball, drop ball, right curve, left curve, sliders, and cutters
Programmability	None – digital readout for manual speed / pitch-type selection (no stored sequences)
Overall Dimensions	26"W x 24"D x 62"H
Weight	120 lbs
Wheel Configuration	3-wheel throwing head; oversize transport wheels for portability
Power Requirements	115V standard grounded outlet; optional 12VDC battery pack (~4 hrs use per charge, overnight
Compatible Balls	9" regulation baseballs (low-seam recommended); also accepts dimple and RIF training balls
Warranty	3 years, parts and labor (factory direct)

REVIT MODELING / CLEARANCE NOTES

Footprint envelope (W x D): 26" x 24" (machine base/body; add manufacturer's tripod/leg spread if shown on manufacturer's dimensioned drawing when available)

Overall height envelope: 62" A.F.F. (fixed height, non-adjustable)

- Machine is portable/movable equipment (not fixed to structure)– typically does not itself trigger CBC 11B "fixed element" accessibility requirements.
- Coordinate with the required 30"x42" clear floor space (CFS) shown at each pitching-machine location on the site plan; confirm with DSA reviewer whether CFS is intended at the pitching position or the batter's box position.
- 115V circuit required at each of the 3 Plus locations unless battery-pack option is specified– coordinate with electrical for receptacle location outside the machine's swing/throw envelope.
- Model as a movable equipment family (not built-in casework) for DSA equipment schedule / FF&E; coordination.

2 EQUIPMENT NOTES
1 1/2" = 1'-0"

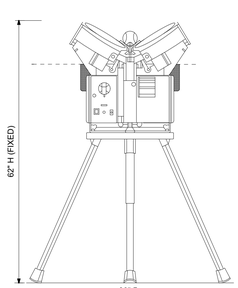
Heritage High School - New Batting Cages (DSA Project)

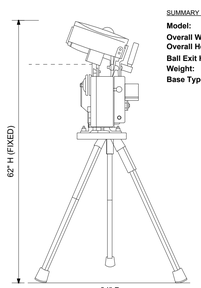
EQUIPMENT PLAN VIEW (DIAGRAMMATIC) - TriplePlay Plus

Model: TriplePlay Plus | 3-Wheel Baseball Pitching Machine

Diagrammatic / schematic only - not a manufacturer shop drawing. Use for reference only.

Qty this project: (3) units - Batting Cages 1, 2, 3 | Source: https://sportstutorbaseballsoftball.com/triple-play-plus/ |Scale: 3/4" = 1'-0" (do not scale drawing)





SUMMARY DATA

Model: TriplePlay Plus
Overall W x D: 26" x 24"
Overall Height: 62" (fixed)
Ball Exit Ht: 55"
Weight: 120 lbs
Base Type: Tripod, portable equipment

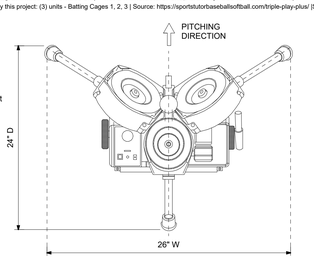
Heritage High School - New Batting Cages (DSA Project)

EQUIPMENT PLAN VIEW (DIAGRAMMATIC) - TriplePlay Plus

Model: TriplePlay Plus | 3-Wheel Baseball Pitching Machine

Diagrammatic / schematic only - not a manufacturer shop drawing. Use for reference only.

Qty this project: (3) units - Batting Cages 1, 2, 3 | Source: https://sportstutorbaseballsoftball.com/triple-play-plus/ |Scale: 3/4" = 1'-0" (do not scale drawing)



SUMMARY DATA

Model: TriplePlay Plus
Overall W x D: 26" x 24"
Overall Height: 62" (fixed)
Ball Exit Ht: 55"
Weight: 120 lbs
Base Type: Tripod, portable equipment

1 EQUIPMENT ELEVATION
1 1/2" = 1'-0"

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

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

HERITAGE PATRIOTS

101 American Ave
Brentwood, CA 94513

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

Project Number

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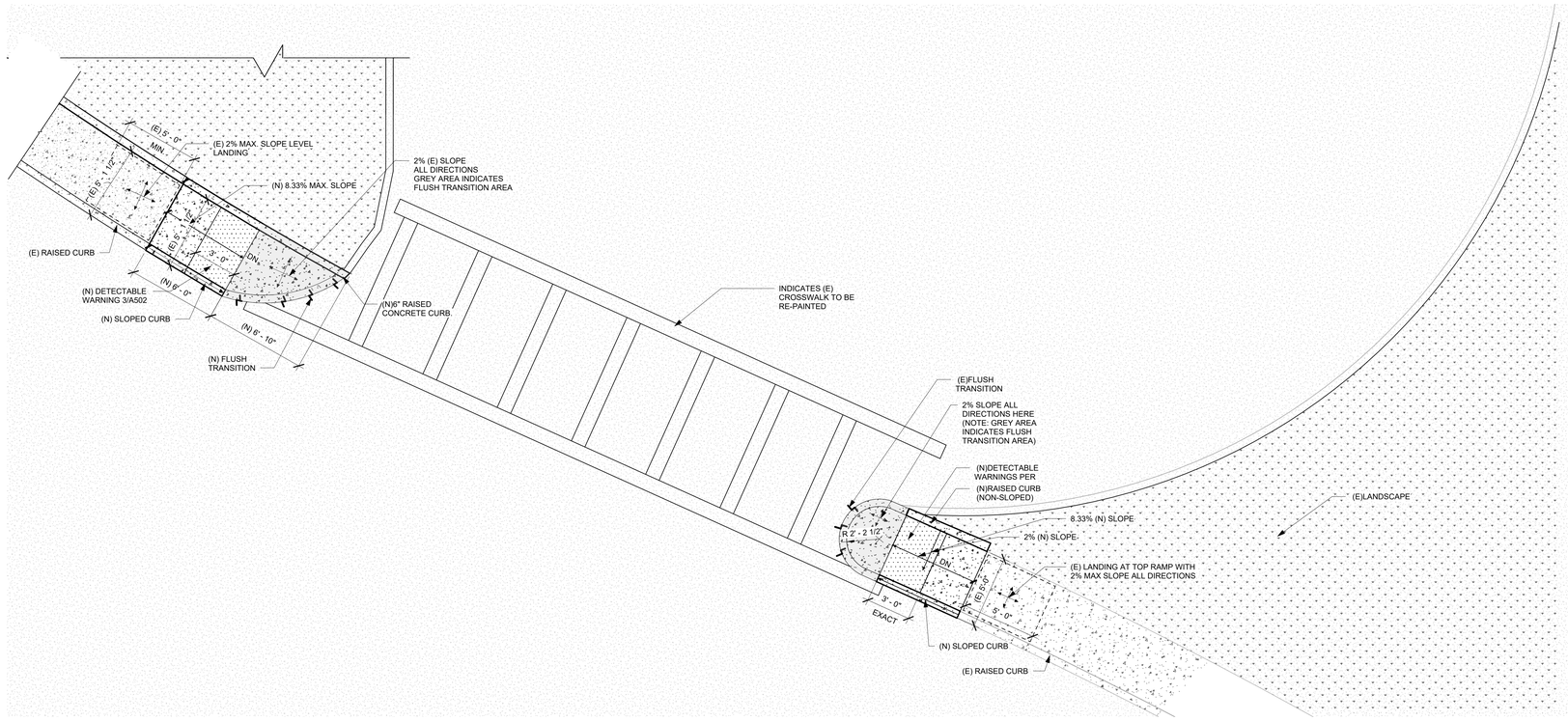
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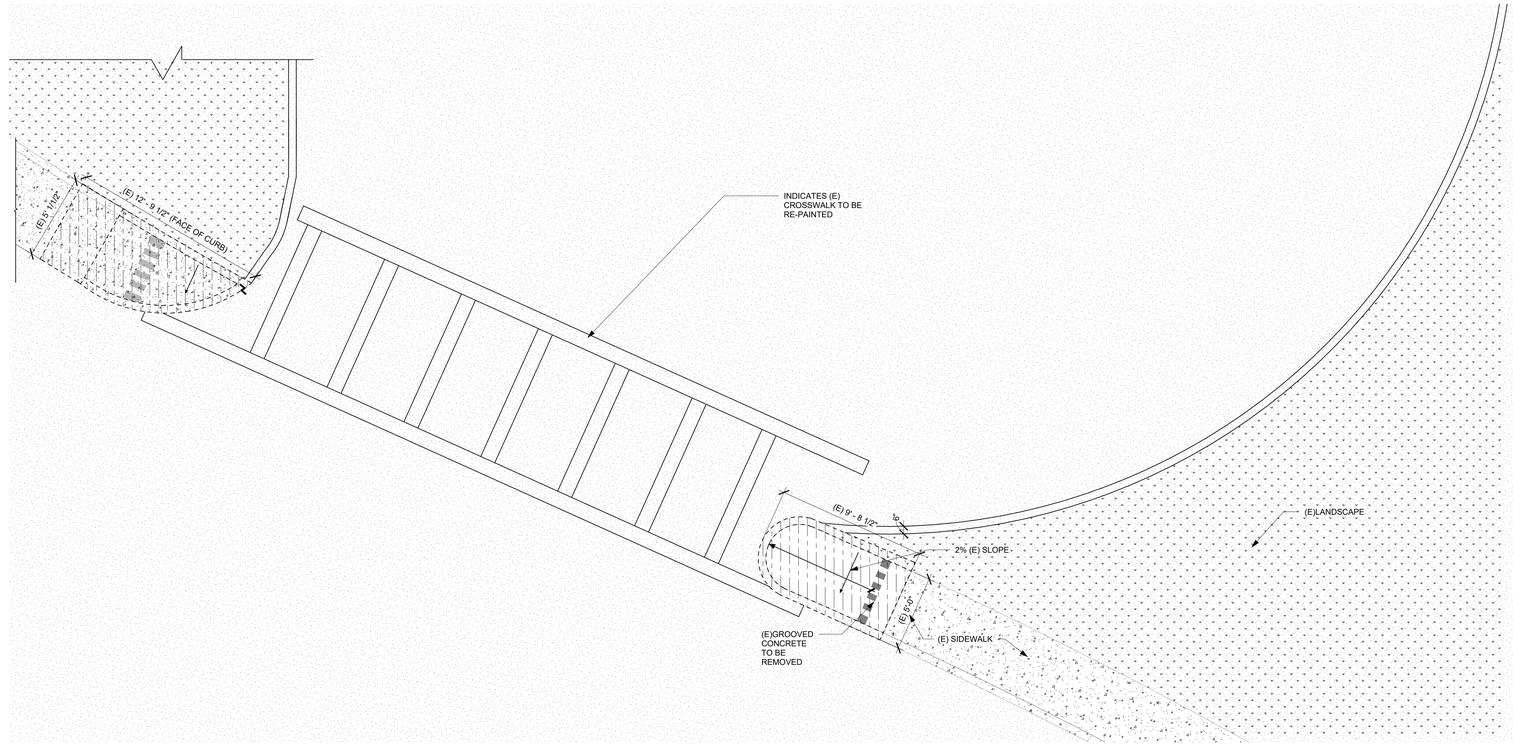
DETAILS

A503

PLOT DATE: 11/8/2026 4:59:41 PM



1 PROPOSED RAMP AND CROSSWALK UPGRADE
1/4" = 1'-0"



2 DEMOLITION RAMP AND CROSSWALK UPGRADE
1/4" = 1'-0"

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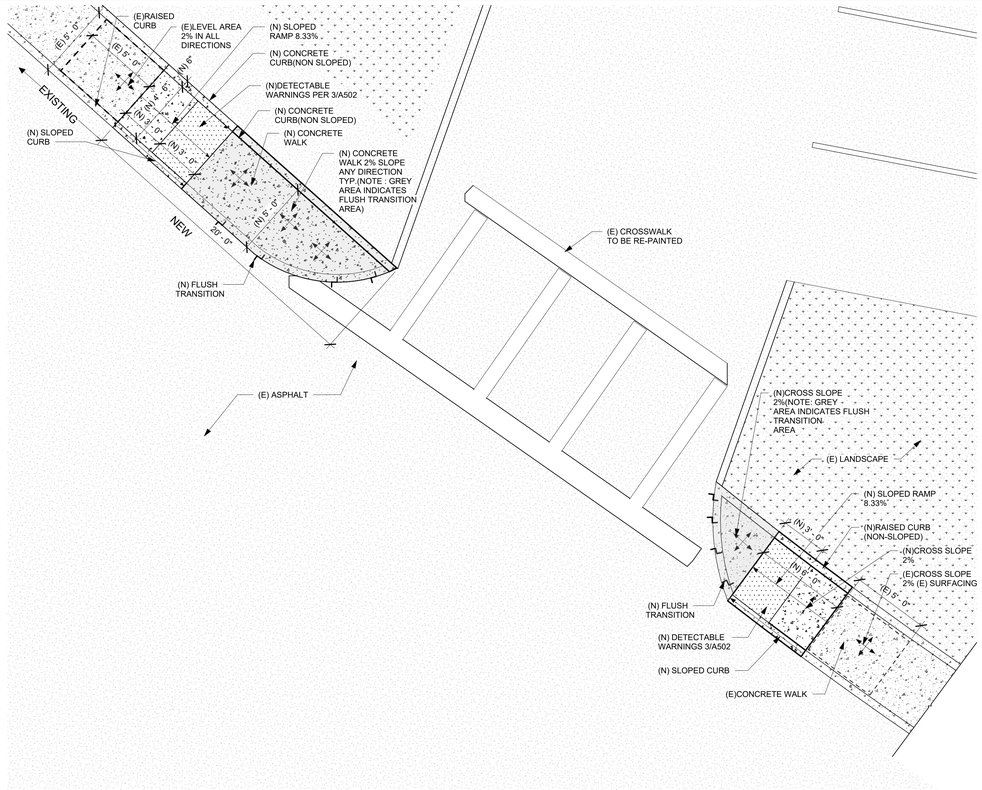
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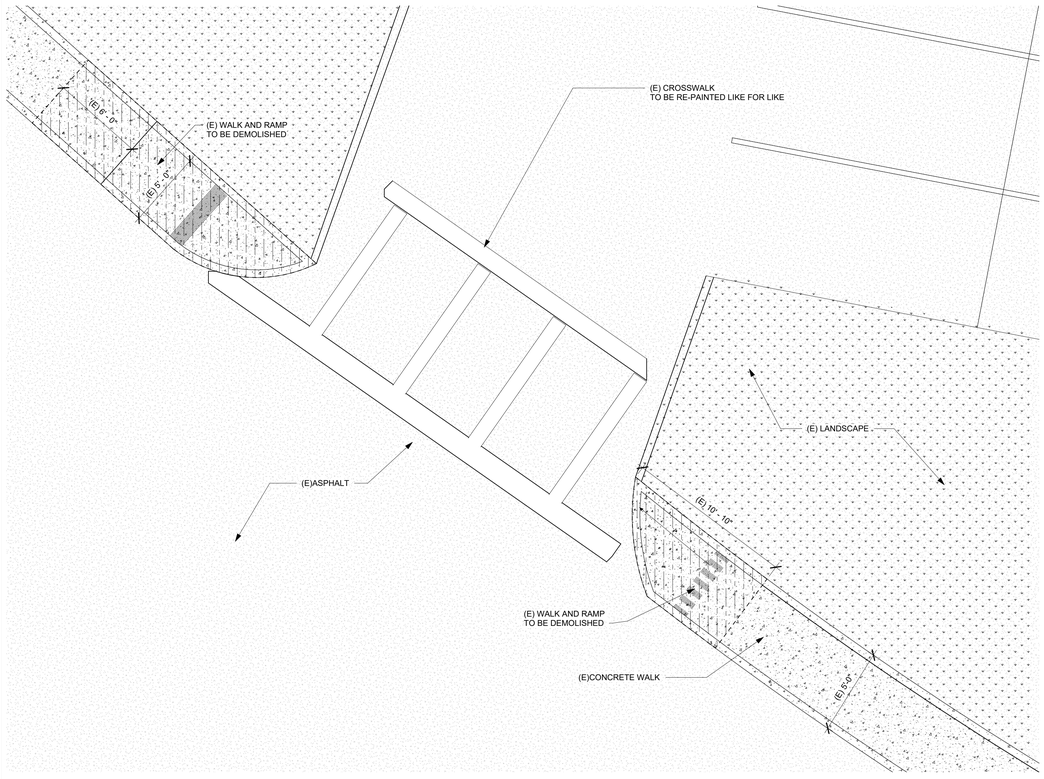
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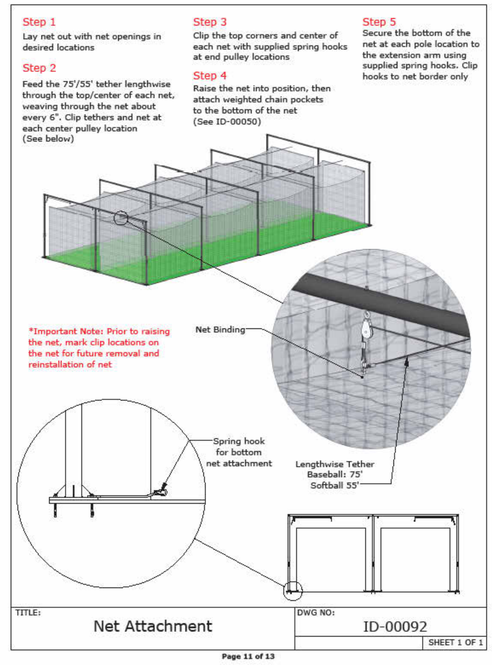
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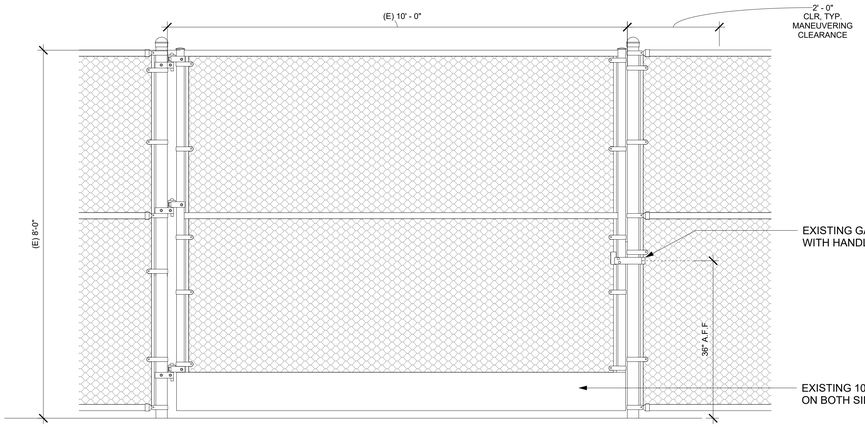
5 PROPOSED RAMPS 1
1/4" = 1'-0"



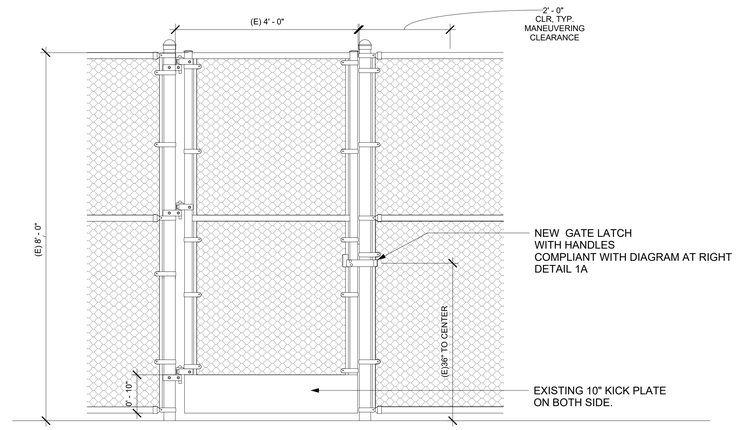
4 DEMOLITION RAMPS
1/4" = 1'-0"



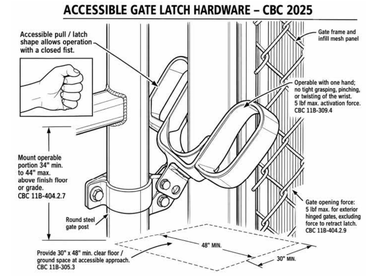
3 NET CONNECTION
1 1/2" = 1'-0"



2 EXISTING GATE1
3/4" = 1'-0"



1 EXISTING GATE
3/4" = 1'-0"



1A ACCESSIBLE GATE LATCH HARDWARE

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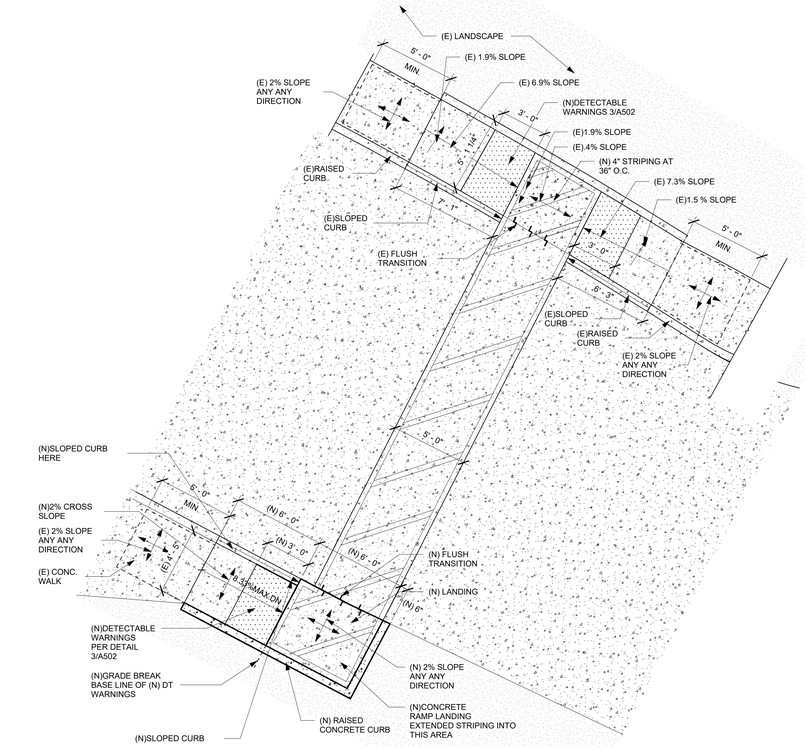
KEY MAP

SHEET TITLE
DETAILS

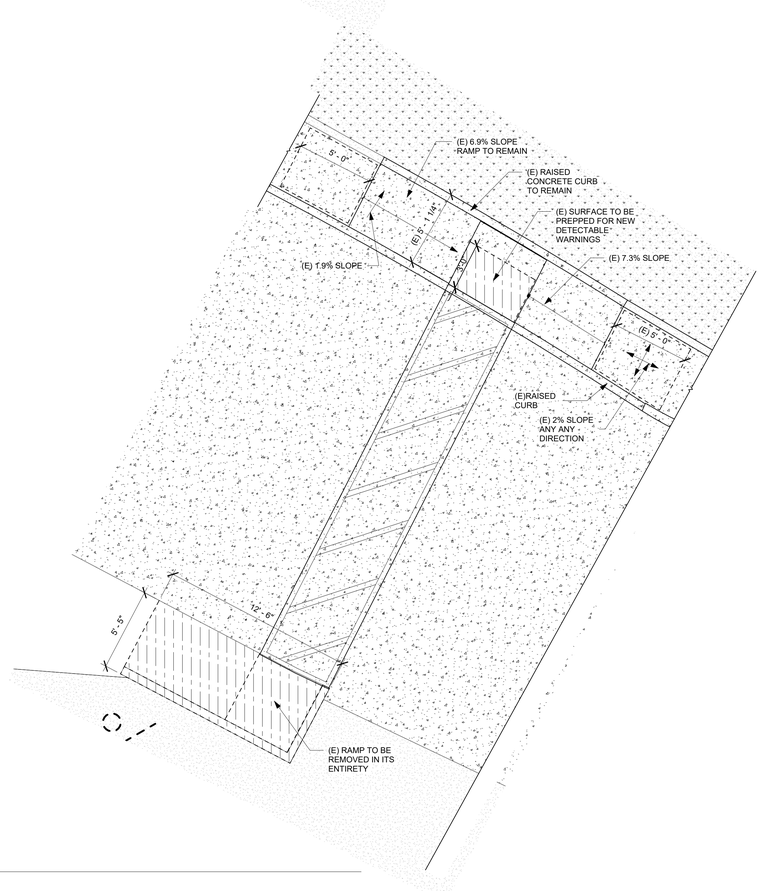
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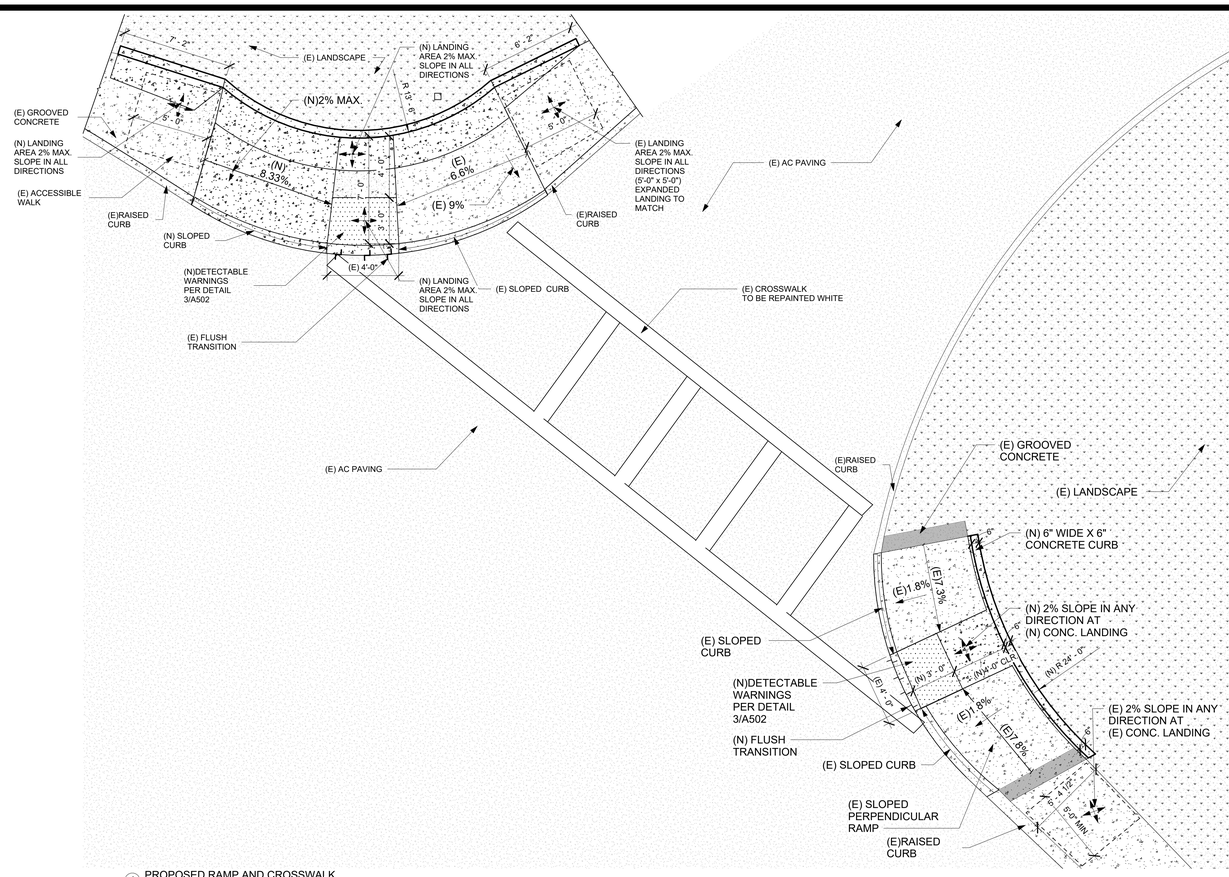
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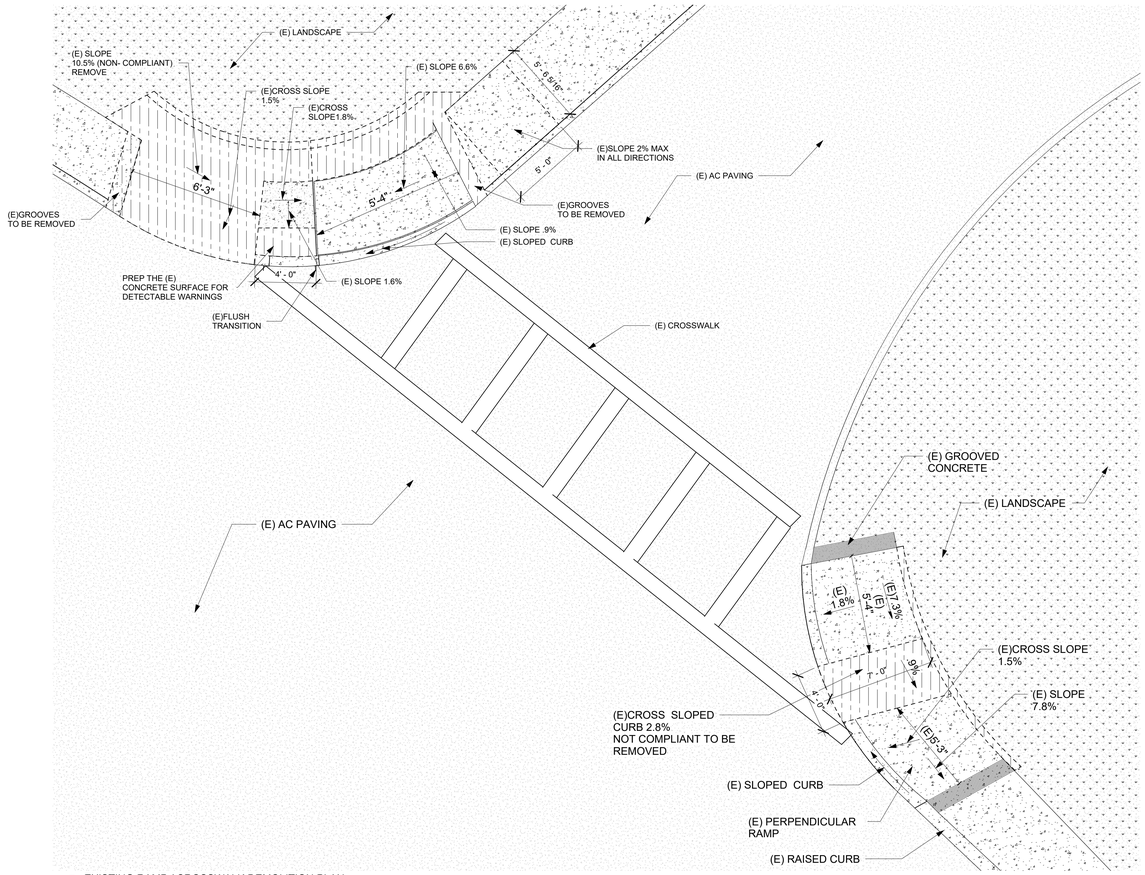
3 (N) RAMP PLAN
1/4" = 1'-0"



4 (E) RAMP DEMOLITION PLAN
1/4" = 1'-0"



1 PROPOSED RAMP AND CROSSWALK
1/4" = 1'-0"



2 EXISTING RAMP / CROSSWALK DEMOLITION PLAN
1/4" = 1'-0"

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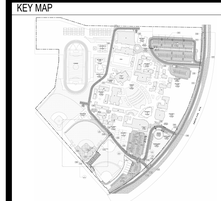
101 American Ave
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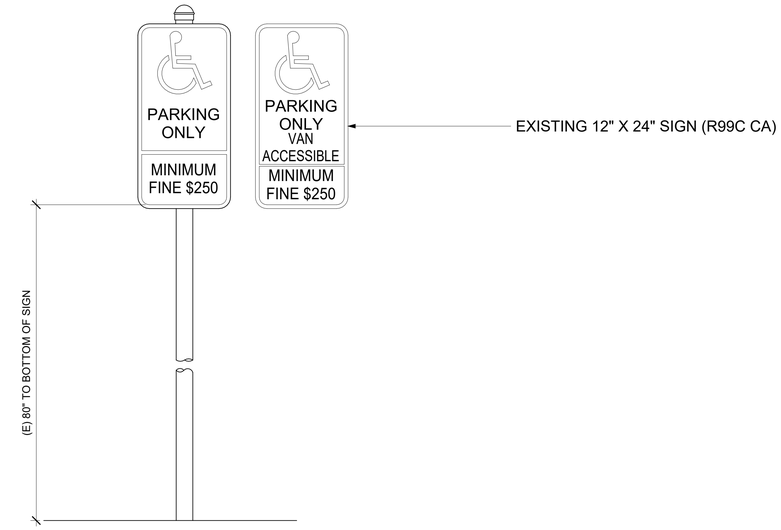


SHEET TITLE

DETAILS

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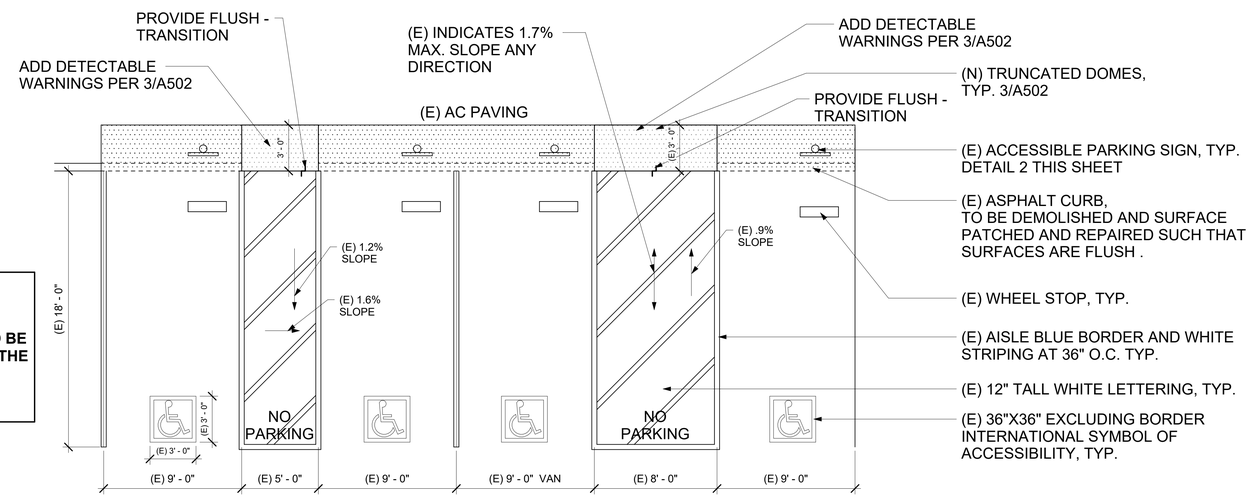
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2 EXISTING ACCESSIBLE PARKING SIGN
1/4" = 1'-0"

NOTE:

EXISTING ACCESSIBLE PARKING TO BE APPROVED AND CERTIFIED UNDER THE CURRENT PROJECT
ALL DIMENSIONS ARE EXISTING



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

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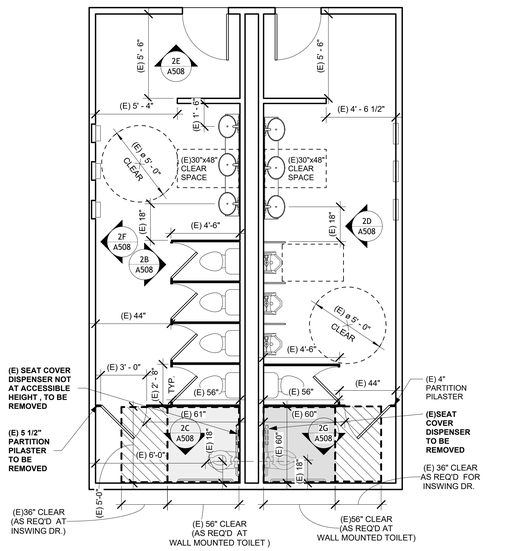
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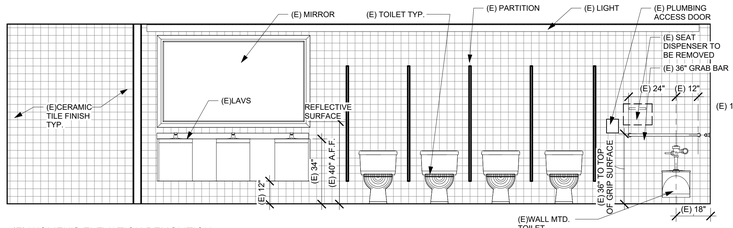
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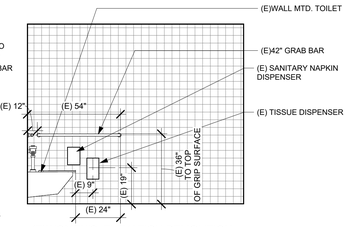
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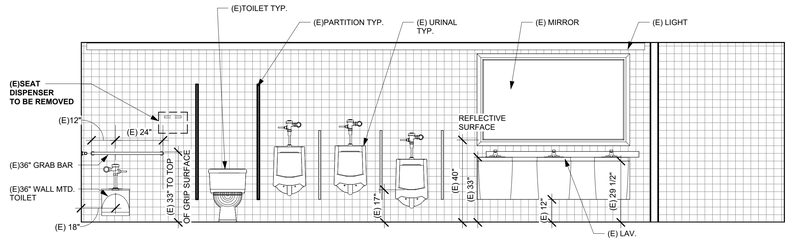
2A MEN'S AND WOMEN'S DEMOLITION PLAN
1/4" = 1'-0"



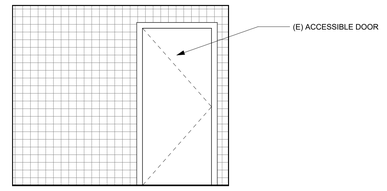
2B (E) WOMEN'S ELEVATION DEMOLITION
3/8" = 1'-0"



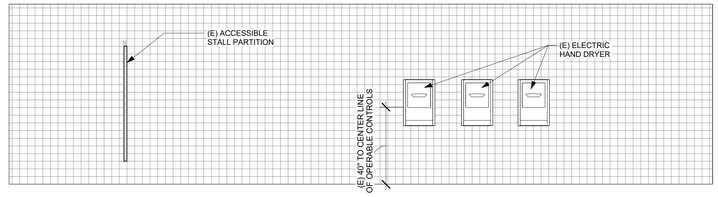
2C (E)WOMEN'S ELEVATION DEMOLITION
3/8" = 1'-0"



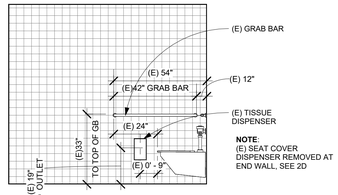
2D (E) MEN'S ELEVATION DEMOLITION
3/8" = 1'-0"



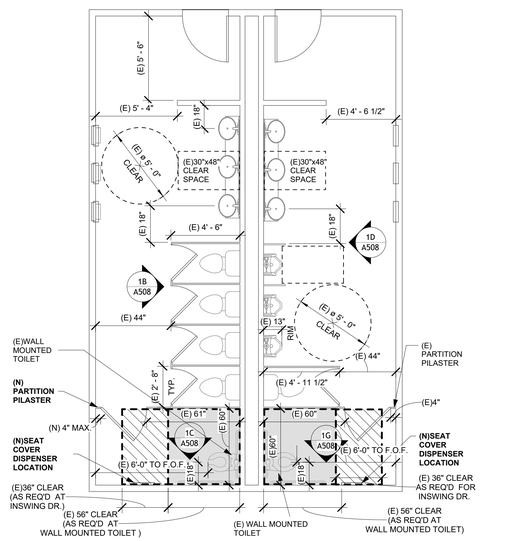
2E (E) MEN'S AND WOMEN'S ELEVATION (NO CHANGE)
3/8" = 1'-0"



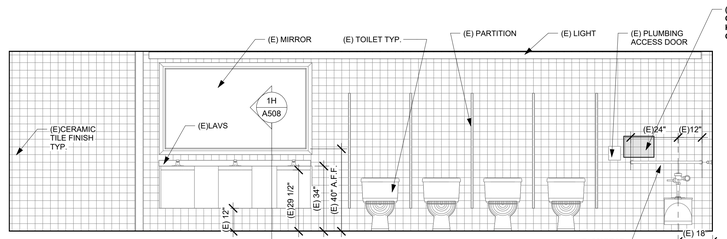
2F (E) MEN'S AND WOMEN'S ELEVATION (NO CHANGE).
3/8" = 1'-0"



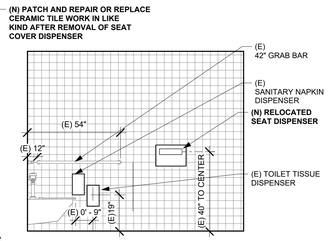
2G (E) MEN'S ELEVATION DEMOLITION
3/8" = 1'-0"



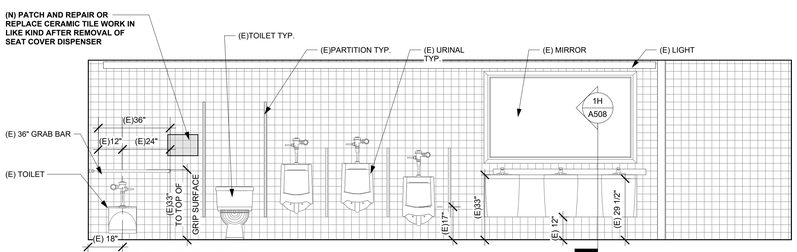
1A MEN'S AND WOMEN'S RESTROOM PROPOSED PLAN
1/4" = 1'-0"



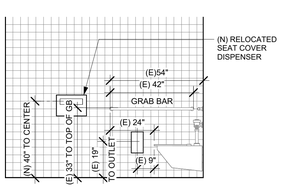
1B PROPOSED WOMEN'S ELEVATION
3/8" = 1'-0"



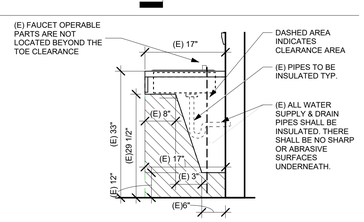
1C PROPOSED WOMEN'S ELEVATION
3/8" = 1'-0"



1D PROPOSED MEN'S ELEVATION.
3/8" = 1'-0"



1G PROPOSED MEN'S ELEVATION
3/8" = 1'-0"



1H KNEE CLEARANCE AT (E) LAVS
3/4" = 1'-0"

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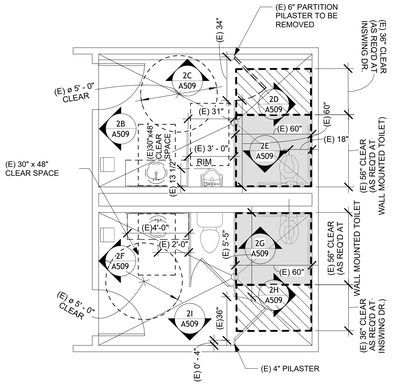
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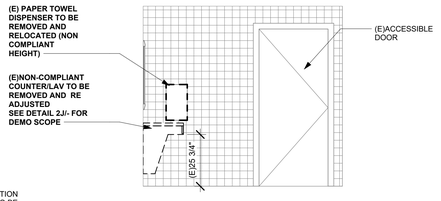
DETAILS

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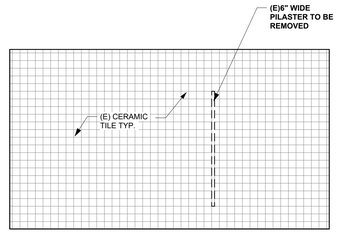
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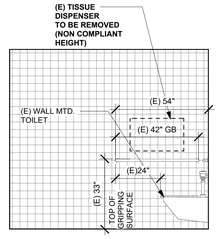
2A MEN'S & WOMEN'S STAFF ACCESSIBLE RESTROOM DEMO PLAN
1/4" = 1'-0"



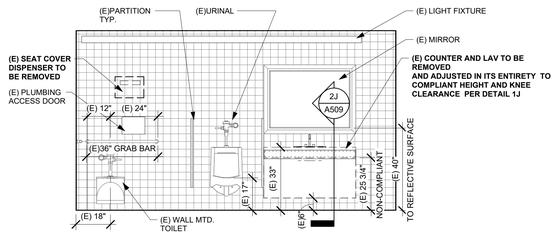
2B MEN'S STAFF ACCESSIBLE RESTROOM DEMO ELEV.
3/8" = 1'-0"



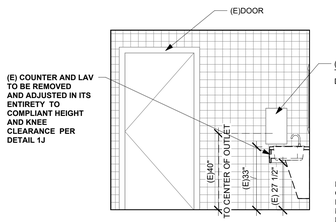
2C MEN'S STAFF ACCESSIBLE RESTROOM DEMO ELEV.
3/8" = 1'-0"



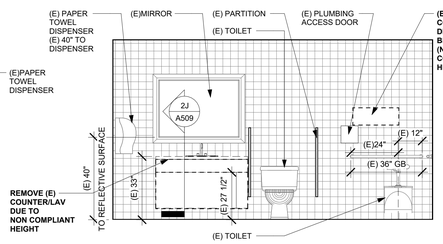
2D MEN'S STAFF ACCESSIBLE RESTROOM DEMO ELEV.
3/8" = 1'-0"



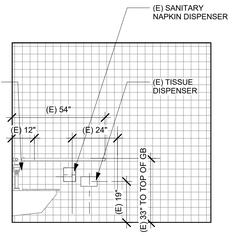
2E MEN'S STAFF ACCESSIBLE RESTROOM DEMO ELEV.
3/8" = 1'-0"



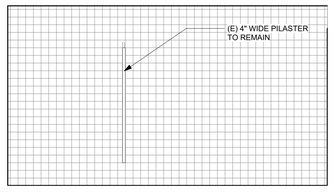
2F (E)WOMEN'S STAFF ACCESSIBLE RESTROOM DEMO ELEV.
3/8" = 1'-0"



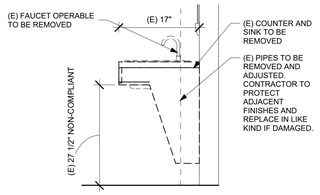
2G WOMEN'S STAFF ACCESSIBLE RESTROOM DEMO ELEV.
3/8" = 1'-0"



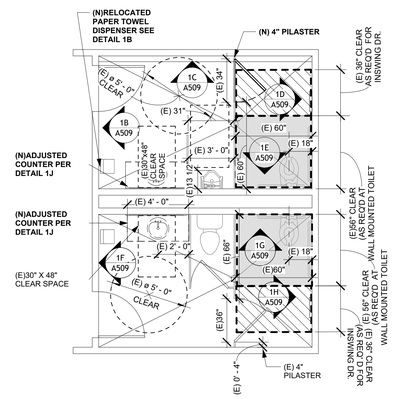
2H WOMEN'S STAFF ACCESSIBLE RESTROOM DEMO. ELEV.
3/8" = 1'-0"



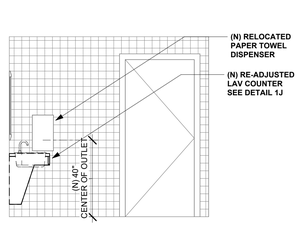
2I (E)WOMEN'S STAFF ACCESSIBLE RESTROOM ELEV (NO CHANGE)
3/8" = 1'-0"



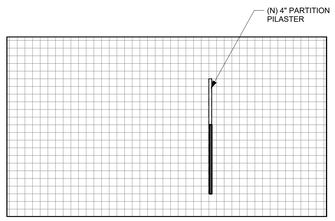
2J DEMO KNEE CLEARANCES AT ACCESSIBLE LAVATORY
3/4" = 1'-0"



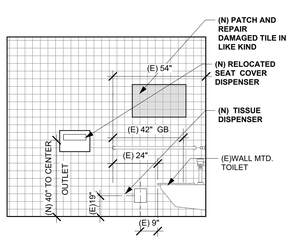
1A MEN'S & WOMEN'S STAFF ACCESSIBLE RESTROOM PROPOSED PLAN
1/4" = 1'-0"



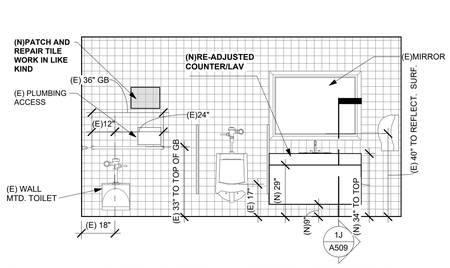
1B MEN'S STAFF ACCESSIBLE RESTROOM PROPOSED ELEV
3/8" = 1'-0"



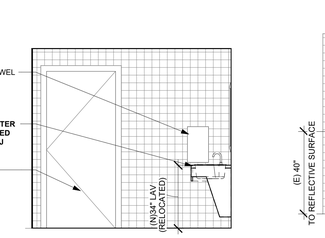
1C MEN'S STAFF ACCESSIBLE RESTROOM PROPOSED ELEV.
3/8" = 1'-0"



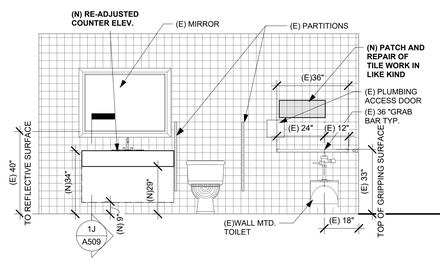
1D MEN'S STAFF ACCESSIBLE RESTROOM PROPOSED ELEV.
3/8" = 1'-0"



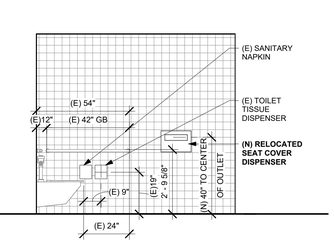
1E MEN'S STAFF ACCESSIBLE RESTROOM PROPOSED ELEV
3/8" = 1'-0"



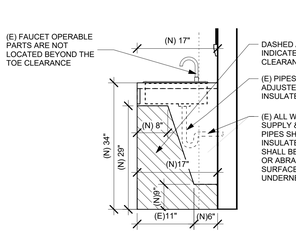
1F WOMEN'S STAFF ACCESSIBLE RESTROOM PROPOSED ELEV.
3/8" = 1'-0"



1G WOMEN'S STAFF ACCESSIBLE RESTROOM PROPOSED ELEV.
3/8" = 1'-0"



1H WOMEN'S STAFF ACCESSIBLE RESTROOM PROPOSED ELEV.
3/8" = 1'-0"



1J KNEE CLEARANCES AT UPGRADED ACCESSIBLE LAVATORY
3/4" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

LICENSED ARCHITECT
RODOLFO L. CHACON
No. C 28654
Ren. 2/28/27
STATE OF CALIFORNIA

REVISION	DESCRIPTION

Heritage High School

Baseball Infield & Softball Outfield Improvements

101 American Ave
Brentwood, CA 94513

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

Project Number

Issue Date

KEY MAP

SHEET TITLE

DETAILS

A509

C:\Users\Owner\AppData\Local\Autodesk\Revit\Autodesk Revit 2026\CollaborationCache\G3A0RP6SK3RE\4842bc12-e368-4787-9e7b-da81ec676c8c!!28850aa-6b24-41e7-9730-c017e643c6d8.rvt

PLOT DATE: 11/8/2026 7:10:03 PM

ARC FLASH WARNING LABEL REQUIREMENTS

CONDITION 1:
EXISTING EQUIPMENT WITHIN SCOPE OF THE PROJECT AND ALL NEW EQUIPMENT

DANGER

ELECTRICAL ARC FLASH HAZARD

Will cause severe injury or death.
Turn OFF ALL power before opening. Follow ALL requirements in NFPA 70E for safe work practices and for Personal Protective Equipment.

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

CONDITION 2:
COMPLETELY NEW DISTRIBUTION SYSTEMS ONLY

DANGER

Arc Flash and Shock Hazard

Nominal System Voltage _____ Incident Energy (cal/cm²) _____
Arc Flash Boundary _____ Working Distance _____
OR
Restricted Approach _____ PPE Hazard Category _____
Limited Approach _____ Arc Rating of Clothing _____

Arc-rated PPE:				Additional PPE:	
☐ Long-sleeve shirt	☐ Face shield	☐ Balaclava	☐ Coverall	☐ Hard hat	☐ Leather footwear
☐ Flash suit jacket	☐ Hard hat liner	☐ Gloves	☐ Long tie	☐ Safety goggles	
☐ Flash suit pants	☐ Jacket	☐ Parka	☐ Safety glasses	☐ Hearing protection	
☐ Flash suit hood	☐ Rainwear	☐ Balaclava	☐ Hard hat liner	☐ Heavy-duty leather gloves	
☐ Face shield	☐ Coverall				

Equipment ID: _____

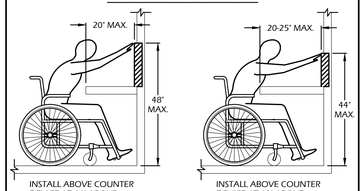
1. ARC FLASH HAZARD WARNING LABELS FOR AN ENTIRELY NEW ELECTRICAL SERVICE AND DISTRIBUTION SYSTEMS SHALL BE UTILIZED AND ALL ELECTRICAL COMPONENTS OF THE DISTRIBUTION EQUIPMENT SHALL HAVE AN ARC FLASH WARNING LABEL WITH THE FOLLOWING INFORMATION:
   1.1. NOMINAL SYSTEM VOLTAGE
   1.2. ARC FLASH BOUNDARY
   1.3. MINIMAL ARC RATING OF CLOTHING
   1.4. EXACTLY ONE OF THE FOLLOWING:
      1.4.1. INCIDENT ENERGY & CORRESPONDING WORKING DISTANCE
      1.4.2. THE ARC FLASH PPE CATEGORY
2. THE LABELS SHALL MEET THE REQUIREMENTS OF CEC 110.21(B) AND ANSI Z535.4-2011 GUIDELINES BY USING EFFECTIVE COLORS, SYMBOLS OR ANY COMBINATION THEREOF.
3. 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:
NEW SERVICES

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

TYPICAL WALL DEVICE MOUNTING HEIGHTS

ACCESSIBILITY GUIDELINES



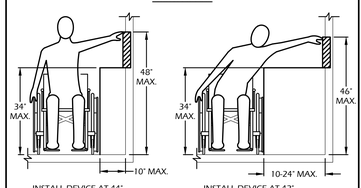
INSTALL ABOVE COUNTER DEVICE AT 44" ABOVE FINISHED FLOOR.

INSTALL ABOVE COUNTER DEVICE AT 40" ABOVE FINISHED FLOOR.



INSTALL DEVICE AT 18" ABOVE FINISHED FLOOR

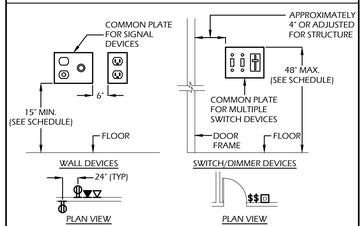
FRONT ACCESS



INSTALL DEVICE AT 44" ABOVE FINISHED FLOOR.

INSTALL DEVICE AT 42" ABOVE FINISHED FLOOR.

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. ARC FLASH WARNING LABELS SHALL BE PLACED ON ALL ELECTRICAL DISTRIBUTION BOARDS, MAIN SWITCHBOARDS, TRANSFORMERS, PANELS, PANELBOARDS, DISCONNECTS ETC. PER CEC 110.16. LABELS SHALL BE PER ANSI Z535.4 GUIDELINES. THE LABEL SHALL LIST A MINIMUM ARC FLASH INCIDENT ENERGY OF 140 CAL/CM² FOR 480 VOLT SYSTEMS OR LOWER WITH MAXIMUM BOLT CURRENT OF 42kAIC AT WORKING DISTANCES OF 24 INCHES WITH AN ARC BOUNDARY OF 600 INCHES. CONTRACTOR SHALL HAVE THE EQUIPMENT SUPPLIER PROVIDE THE ARC FAULT STUDIES OR RETAIN THE ELECTRICAL ENGINEER OF RECORD TO PEERFORM THE STUDIES AND INCLUDE THE STUDIES IN THEIR BID. THESE STUDIES SHALL BE PERFORMED SO THE MINIMUM VALUES INDICATED ABOVE ARE JUSTIFIED. PERSONAL PROTECTIVE EQUIPMENT (PPE) SHALL BE WORN WHEN PERFORMING WORK AROUND ALL ENERGIZED EQUIPMENT PER OSHA AND NFPA 70E.
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/GROUND 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 CONDUCTORS IN STALLED IN UNDERGROUND OR WET LOCATIONS SHALL BE MARKED WITH "W" PER CEC
18. ALL PHASE CONDUCTORS SHALL HAVE THEIR OWN NEUTRALS. NO SHARING OF NEUTRALS ALLOWED.
19. 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.
20. ALL OUTDOOR ENCLOSURES SHALL HAVE LOCKING HASP, INCLUDING, BUT NOT LIMITED TO SWITCHBOARDS, DISCONNECTS, ENCLOSURES, ETC.. THE CITY WILL PROVIDE THEIR OWN KEYED LOCKS. OUTDOOR PANELS SHALL HAVE KEYED LOCKING MECHANISM, KEYED PER DISTRICT STANDARD.
21. THE ELECTRICAL CONTRACTOR SHALL TEST THE FIELD LIGHTS PRIOR TO POLE MOUNTING.
22. PATCH AND REPAIRED ALL REMOVED CONCRETE TO MATCH ADJACENT SURFACES.

STANDARD SYMBOL LEGEND

- $ — SPST TOGGLE WALL SWITCH - 20A, 120/277V, 'a' INDICATES CONTROL
- $2 — DPST TOGGLE WALL SWITCH - 20A, 120/277V
- $3 — 3-WAY TOGGLE WALL SWITCH - 20A, 120/277V
- CEILING OR WALL MOUNTED JUNCTION BOX
- PULLBOX(S) - SIZE AND NUMBER AS INDICATED
- SINGLE RECEPTACLE - 20A, 120V & GROUND
- RECEPTACLE, DUPLEX - 20A, 120V & GROUND
- RECEPTACLE, DUPLEX - WITH ONE-HALF SWITCHED/CONTROLLED
- WP RECEPTACLE, DUPLEX - WITH GFCI PROTECTION IN WEATHERPROOF HOUSING
- RECEPTACLE, DUPLEX- WITH GFCI PROTECTION
- RECEPTACLE, DOUBLE DUPLEX - (2) 20A, 120V & GROUND
- RECEPTACLE, DOUBLE DUPLEX WITH GFCI PROTECTION
- TERMINAL CABINET - SURFACE OR FLUSH MOUNTED WITH FLAME RETARDANT PLYWOOD BACKBOARD
- PANELBOARD - SURFACE OR FLUSH MOUNTED
- DISTRIBUTION OR SWITCHBOARD
- EXISTING LIGHT MOUNTED FIXTURE
- SITE LIGHTING FIXTURE '#' INDICATES FIXTURE TYPE
- 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 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- UP
- CONDUIT-DOWN
- EXISTING ABOVE GROUND CONDUIT
- EXISTING UNDERGROUND CONDUIT
- PROPERTY LINE
- NEW ELECTRICAL EQUIPMENT
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN
- EXISTING ELECTRICAL EQUIPMENT TO BE DEMOLISHED
- (#) SHEET NOTE NUMBER - #, SEE NOTE DESCRIPTION ON SAME SHEET.
- (#) GENERAL NOTE NUMBER - #, SEE NOTE DESCRIPTION ON SAME SHEET.
- (#/#) REFERENCE TO PLAN/DETAIL/DIAGRAM
- (XX/X) DESIGNATES SIZE AND QUANTITY OF FEEDERS SEE FEEDER SCHEDULE
- (#) FIXTURE DESIGNATOR - '#' INDICATES FIXTURE TYPE.
- (A) ADDENDUM OR REVISION NUMBER, SEE DESCRIPTION ON SAME SHEET.

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
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
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

ELECTRICAL DRAWING SHEET LIST

E1.01.01	NOTES, ABBREVIATIONS, & REQUIREMENTS
E1.01.02	PARTIAL SINGLE LINE DIAGRAM & DETAILS
E2.01.01	PARTIAL ELECTRICAL SITE PLAN
E2.01.02	PARTIAL ELECTRICAL SITE PLAN
E2.01.03	PARTIAL PHOTOMETRICS SITE PLAN
E3.01.01	POWER TITLE 24
E3.02.01	LIGHTING TITLE 24
E4.01.01	ELECTRICAL SPECIFICATIONS

CALIFORNIA CODE OF REGULATIONS

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2026

2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR

2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2021 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2025 CALIFORNIA AMENDMENTS)

2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2020 NATIONAL ELECTRICAL CODE AND 2025 CALIFORNIA AMENDMENTS)

2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2021 IAPMO UNIFORM MECHANICAL CODE AND 2025 CALIFORNIA AMENDMENTS)

2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR(2021 IAPMO UNIFORM PLUMBING CODE AND 2025 CALIFORNIA AMENDMENTS)

2025 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR

2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR(2021 INTERNATIONAL FIRE CODE AND 2025 CALIFORNIA AMENDMENTS)

2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2021 INTERNATIONAL EXISTING BUILDING CODE AND 2025 CALIFORNIA AMENDMENTS)

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR

2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR, TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

2025 ASME A17.1/CSA B44-2019 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2025 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) - 2025 EDITION
NFPA 14 -	STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED)-2019 EDITION
NFPA 17 -	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS-2024 EDITION
NFPA 17A -	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS-2024 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)-2025 EDITION
NFPA 72 -	NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)-2025 EDITION
NFPA 80 -	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES-2025 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-2025 (R2010)
UL 464 -	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES-2023 EDITION
UL 521 -	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS-2025 EDITION
ICC 300 -	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS-2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2025 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

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 92% 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 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.

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.

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BAI Project #26109

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APP: 01-123114 INC:
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SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

101 American Ave
Brentwood, CA 94513

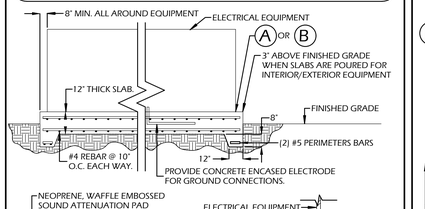
CHACON ARCHITECTURE
RODOLFO L. CHACON
EMAIL

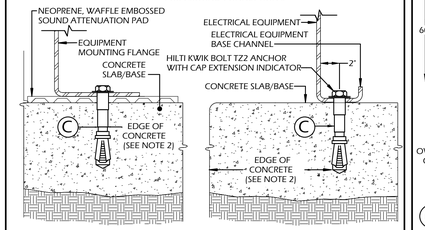
HILTI KWIK BOLT TZ2 STAINLESS STEEL NOTES

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	MIN. EDGE DISTANE	MIN. SPACING	MIN. CONC. THICKNESS	TORQUE INSTALLATION
45KVA XFMR	4	3/8"	2 1/2"	3"	5"	5"	30# FT
DRILLED HOLE DEPTH PER ESR-4266							

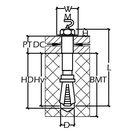
3. PLACEMENT GUIDELINES FOR ABOVE VALUES IN ITEM 2 REQUIRE THE FOLLOWING CONDITIONS:
   3.1. TABLE VALUES ARE BASED ON F'C = 2500 PSI MIN.
   3.2. HOLES DRILLED WITH A HAMMER DRILL AND CARBIDE BIT COMPLYING W/ ANSI B212.15-1994.
   3.3. BIT DIAMETER EQUALS THE SIZE OF THE ANCHOR BEING INSTALLED.
   3.4. 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

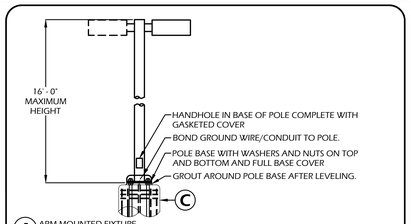
B MOUNTING WITHOUT SOUND PAD DETAIL DIST.BOARD, MAIN SWITCHBOARDS, ETC.



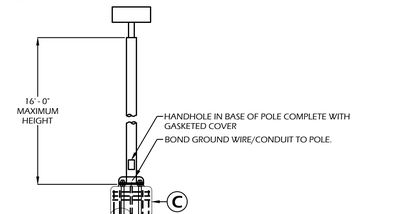
C ANCHOR DETAIL

9 - FREESTANDING ELECTRICAL EQUIPMENT TYPICAL FOR ALL GROUND MOUNTED EQUIPMENT

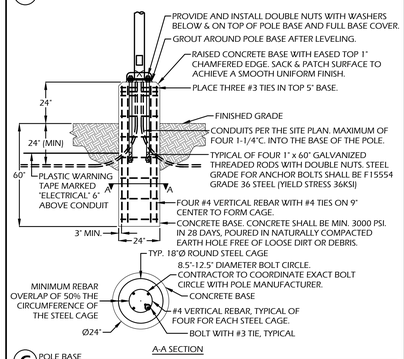
NOT TO SCALE GB26-01-04



A ARM MOUNTED FIXTURE



B POST TOP MOUNTED FIXTURE

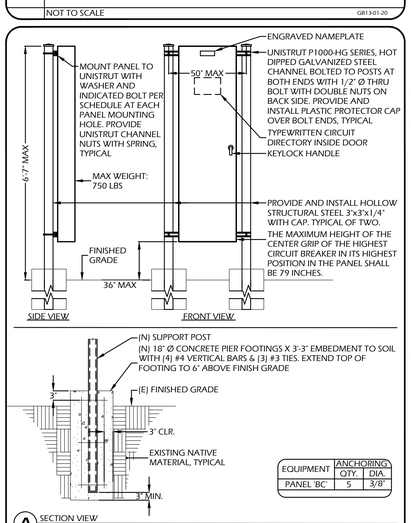


C POLE BASE

GENERAL NOTE:
1. LIGHT POLE IS EXEMPT PER IR A-22 AND IS NOT PART OF DSA APPROVAL.
2. POLE BASE AND ALL MOUNTING PROVISIONS SHALL BE BY POLE MANUFACTURER.

7 - LIGHTING POLE MOUNTING DETAIL

NOT TO SCALE GB13-01-20

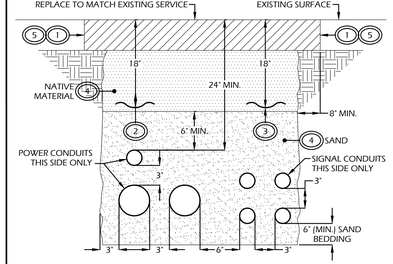


EQUIPMENT	ANCHORING QTY.	DIA.
PANEL 'BC'	5	3/8"

A SECTION VIEW NO SCALE

8 - TYPICAL POST MOUNTED PANEL MOUNTING DETAIL

NOT TO SCALE GB0239-02-02-02

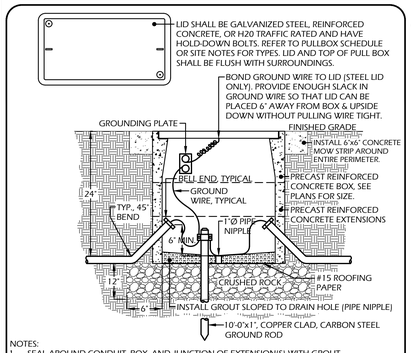


DETAIL NOTES

1. SAWCUT ALL EDGES NEATLY.
2. PROVIDE AND INSTALL WARNING TAPE MARKED "POWER" ABOVE POWER CONDUITS.
3. PROVIDE AND INSTALL WARNING TYPE MARKED "COMMUNICATIONS" ABOVE COMMUNICATIONS CONDUIT.
4. A SOILS LAB CONTRACTING WITH THE OWNER SHALL TEST THE COMPACTION OF THE BACKFILL. A SOILS PROFILE OF THE EXCAVATED NATIVE TRENCHED DIRT SHALL BE MADE 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.
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.

4 - TRENCH DETAIL WITHOUT SPACERS AND UNDER EXISTING SURFACE

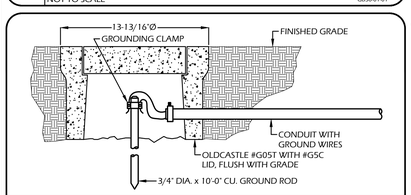
NOT TO SCALE



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 GB130-01-01



6 - TYPICAL GROUND ROD WELL DETAIL

NOT TO SCALE GB130-01-06

208/120 VOLTS, 3 PHASE, 4 WIRE, 100 A BUS, 70A/3P MAIN BREAKER

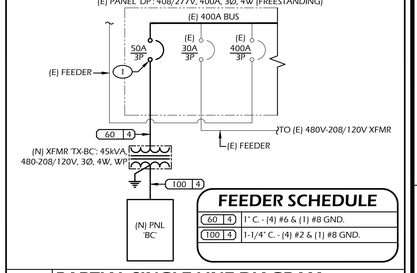
(N) PANEL 'BC'

BREAKER AIC: 35,000 SURFACE MOUNTING NEMA 3R ENCLOSURE

BRK NO.	POLE	LOAD (VA) PHASE A	LOAD (VA) PHASE B	LOAD (VA) PHASE C	DESCRIPTION	DESCRIPTION	BRK NO.
1	2P	1000			PITCH MACHINE #1 REC.	SIDEWALK LTG.	136 2
3			1000		PITCH MACHINE #2 REC.	S.E. BAT. CAGE LTG.	1020 4
5				1000	PITCH MACHINE #3 REC.	N.E. BAT. CAGE LTG.	1020 6
7		1000			PITCH MACHINE #4 REC.	SPACE	- 8
9			1122		N.W. BAT. CAGE LTG.		- 10
11				1122	S.W. BAT. CAGE LTG.		- 12
13		0			SPARE		- 14
15			0				- 16
17				0			- 18
19		-			SPACE		- 20
21			-				- 22
23				-			- 24
25		-					- 26
27			-				- 28
29				-			- 30

TOTAL Ø LOADS (VA): PHASE A = 2136 PHASE B = 3142 PHASE C = 3142
TOTAL Ø LOADS (A): PHASE A = 18 PHASE B = 26 PHASE C = 26
TOTAL LOAD: 8420 VA 23 A

NOTES:



FEEDER SCHEDULE

60 4	1" C. - (4) #6 & (1) #8 GND.
100 4	1-1/4" C. - (4) #2 & (1) #8 GND.

1 - PARTIAL SINGLE LINE DIAGRAM

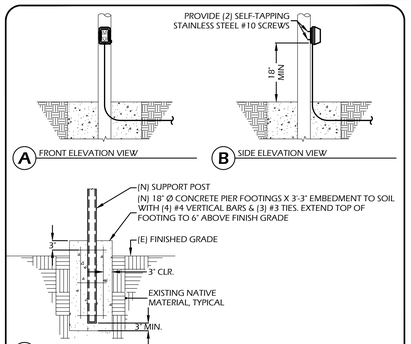
NO SCALE

LIGHTING FIXTURE SCHEDULE

TYPE	LIGHTS	MANUFACTURER AND MODEL	LAMPS	REMARKS	WATTS	LBS
S1		VISIONAIRE LIGHTING # VSX-II-T2-5L-4K-UNV-AM-xx-WSC-20	LED	4,998 LUMENS (NOMINAL). LED AREA LIGHT TO BE ARM MOUNTED TO A 4x4-INCH, SQUARE STEEL POLE. FIXTURE SHALL HAVE INTEGRATED PHOTOCONTROL AND MOTION SENSING. CONTRACTOR TO COORDINATE WITH OWNER FOR TWO NIGHTTIME MODES (OCCUPIED AND UNOCCUPIED).	34	25
S2		VISIONAIRE LIGHTING # VLX-1-T3W-160LD-7-40KB-UNV-AM-xx-WSC-20	LED	49,611 LUMENS (NOMINAL). LED AREA LIGHT TO BE ARM MOUNTED TO A 4x4-INCH, SQUARE STEEL POLE. FIXTURE SHALL HAVE INTEGRATED PHOTOCONTROL AND MOTION SENSING. CONTRACTOR TO COORDINATE WITH OWNER FOR TWO NIGHTTIME MODES (OCCUPIED AND UNOCCUPIED).	340	58

SCHEDULE NOTES

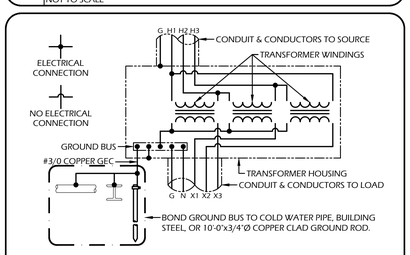
1. COORDINATE ALL COLORS WITH OWNER/ARCHITECT PRIOR TO ORDERING. CONTRACTOR SHALL PROVIDE COLOR SAMPLES DURING SUBMITTAL STAGE
2. ALL CLEAR, ACRYLIC, PRISMATIC LENSES ARE TO BE MINIMUM 0.125" PATTERN K12, U.O.N
3. ALL LEDS SHALL HAVE A CRI OF 0.8 AND COLOR TEMPERATURE OF 4000K.
4. ALL DRIVERS SHALL HAVE LESS THAN 10% THD.
5. FIXTURE TYPE IS SHOWN WITHIN MOST FIXTURES.
6. PRIOR TO ORDERING FIXTURES REFER TO THE LIGHTING PLAN FOR THE CORRECT VOLTAGES TO BE UTILIZED FOR THE FIXTURES.
7. POLE SHALL BE VALMONT #DS330-4000-140 16-FT SQARE STEEL POLE OR EQUAL. CONTRACTOR TO COORDINATE FINISH WITH OWNER/ARCHITECT PRIOR TO ORDERING.



C SECTION VIEW NO SCALE

2 - WEATHERPROOF RECEPTACLE MOUNTING ON POST DETAIL

NOT TO SCALE



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

3 - TRANSFORMER GROUNDING AND CONNECTION DETAIL

NOT TO SCALE

SHEET NOTES

1. PROVIDE AND INSTALL NEW 50A/3P CIRCUIT BREAKER AND ALL MOUNTING HARDWARE WITHIN EXISTING DISTRIBUTION BOARD TO SUPPLY NEW PANEL 'BC'. MAKE ALL CONNECTIONS FOR A FULLY FUNCTIONAL SYSTEM.

GENERAL NOTES ◊

1. ALL TRANSITIONS/COVER PLATES/INFILLS WITHIN THE ACCESSIBLE ROUTE TO BE FLUSH WITH 1/4-INCH MAXIMUM LEVEL DIFFERENCE, TYPICAL.

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APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

REGISTERED PROFESSIONAL ENGINEER — BORRELLI — ELECTRICAL — CALIFORNIA

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

101 American Ave
Brentwood, CA 94513

CHACON ARCHITECTURE

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

WWW.CHACONARCHITECTURE.COM

Project Number:
Issue Date:
Drawn By: BAI
Checked By: JB

KEY MAP

SHEET TITLE

PARTIAL SINGLE LINE DIAGRAM & DETAILS

E1.01.02

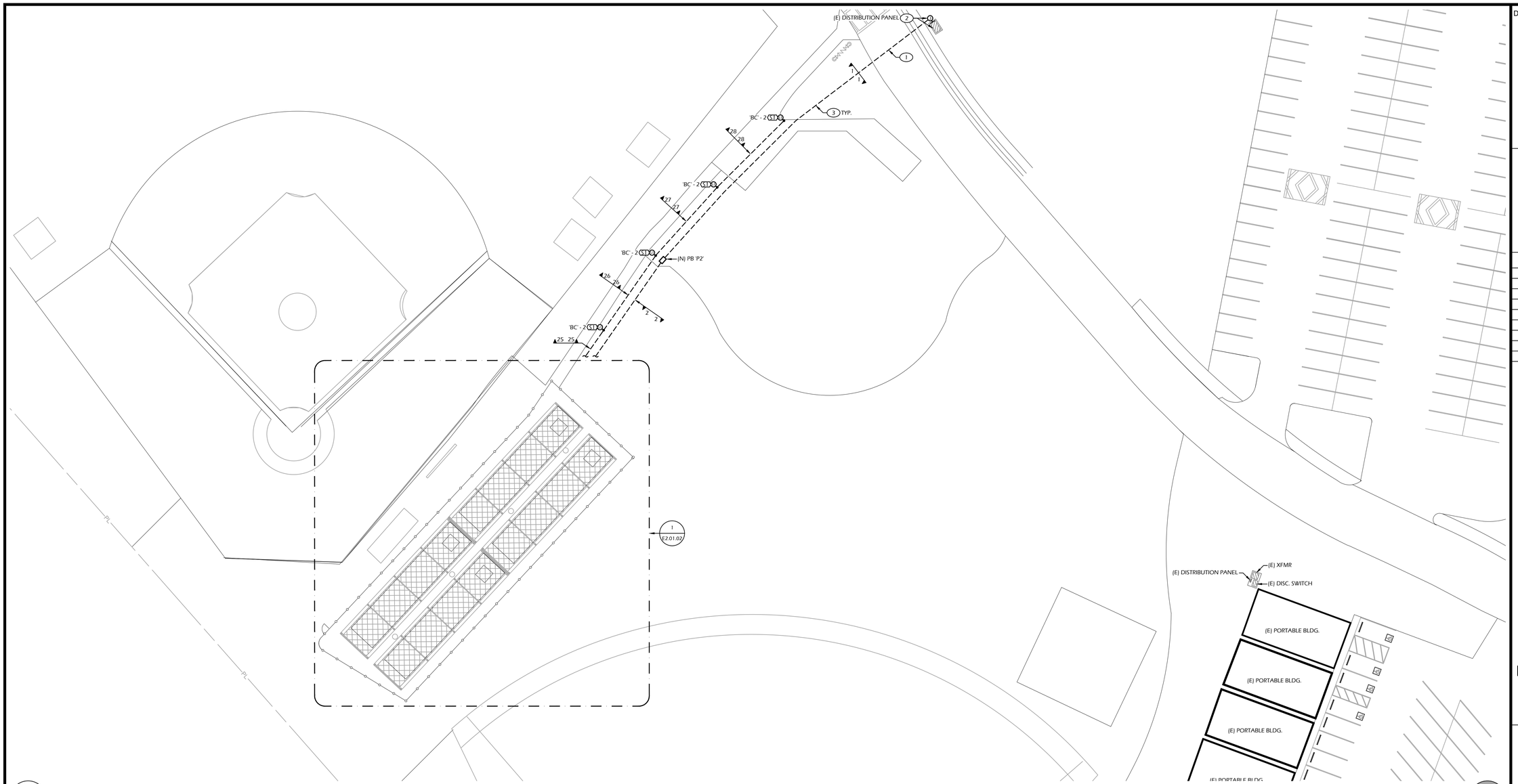
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BAI Project #26109

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SCAN ME

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING

1" = 40'-0" 1" = 30'-0" 1" = 20'-0" 1/8" = 1'-0" 1/4" = 1'-0"



1 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 20'-0"

DUCT BANK SCHEDULE

#	POWER	
	POWER	SPARE
1	1"	--
2	1"	--
3	1-1/4"	--
4	(4) 3/4"	--
5	3/4"	--
6	3/4"	--
7	(2) 3/4"	--
8	3/4"	--
9	3/4"	--
10	3/4"	--
11	3/4"	--
12	3/4"	--
13	3/4"	--
14	(4) 3/4"	--
15	(4) 3/4"	--
16	(3) 3/4"	--
17	3/4"	--
18	(2) 3/4"	--
19	3/4"	--
20	3/4"	--
21	3/4"	--
22	3/4"	--
23	3/4"	--
24	3/4"	--
25	3/4"	--
26	3/4"	--
27	3/4"	--
28	3/4"	--
29	3/4"	--

NOTES:

PULL BOX SCHEDULE

	DESIGNATION	MINIMUM SIZE	L x W (in)	LID TYPE	SYSTEMS
PWR	P1	B1730	36.75 x 23.75	H/20	POWER
PWR	P2	B1730	36.75 x 23.75	H/20	POWER

NOTES:
1. ALL PULL BOXES SHALL BE EITHER BROOKS, CHRISTY, OR EQUIVALENT.
2. ALL PULL BOXES SHALL BE PROVIDED WITH EXTENSION RINGS AND BOLT DOWN COVERS AS REQUIRED TO SUIT THE APPLICATION.
3. LABEL PULL BOXES `ELECTRICAL`, `SIGNAL` OR `COMMUNICATIONS` AS REQUIRED.
4. PULL BOX COVERS SHALL BE FULL TRAFFIC H20 RATED

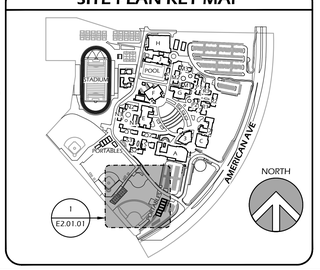
SHEET NOTES (#)

1. SAWCUT AND HAUL AWAY DEBRIS. PATH TO MATCH EXISTING CONCRETE.
2. PROVIDE AND INSTALL A NEW 12x12x6-INCH NEMA 3R, HINGED CAN AND FASTEN HIGH UP AT PANEL BOARD LEVEL. PROVIDE AND INSTALL A 1-INCH CHASE NIPPLE AND CONNECT FEEDER CONDUCTORS TO NEW CIRCUIT BREAKER. REFER TO SINGLE LINE DIAGRAM.
3. DIRECTIONAL BORE THIS SECTION OF CONDUIT.

GENERAL NOTES (◇)

1. ALL EXTERIOR LIGHTING SHALL UITLIZE #6 AWG COPPER CONDUCTORS.
2. DEPTH OF DIRECTIONAL BORE SHALL BE 4FT OR DEEPER TO AVOID ANY OBSTRUCTION.
3. DIRECTIONAL BORE CONDUIT SHALL HAVE BORETRACE DETECTABLE WARNING TAPE.
4. FOR DIRECTIONAL BORING HDPE NEMA TC-7 SMOOTHWALL COILABLE PE ELECTRICAL PLASTIC CONDUIT BY DURA-LINE UL LISTED OR EQUAL SHALL BE USED.
5. ALL AREAS NOT INDICATED FOR DIRECTIONAL BORE SHALL BE TRENCHED.

SITE PLAN KEY MAP



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SCAN ME

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

REGISTERED PROFESSIONAL ENGINEER
BRIAN A. BORRELLI
No. E 16,994
Exp. 6/30/27
ELECTRICAL
CALIFORNIA

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

101 American Ave
Brentwood, CA 94513

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

Project Number:
Issue Date:
Drawn By: BAI
Checked By: JB

KEY MAP

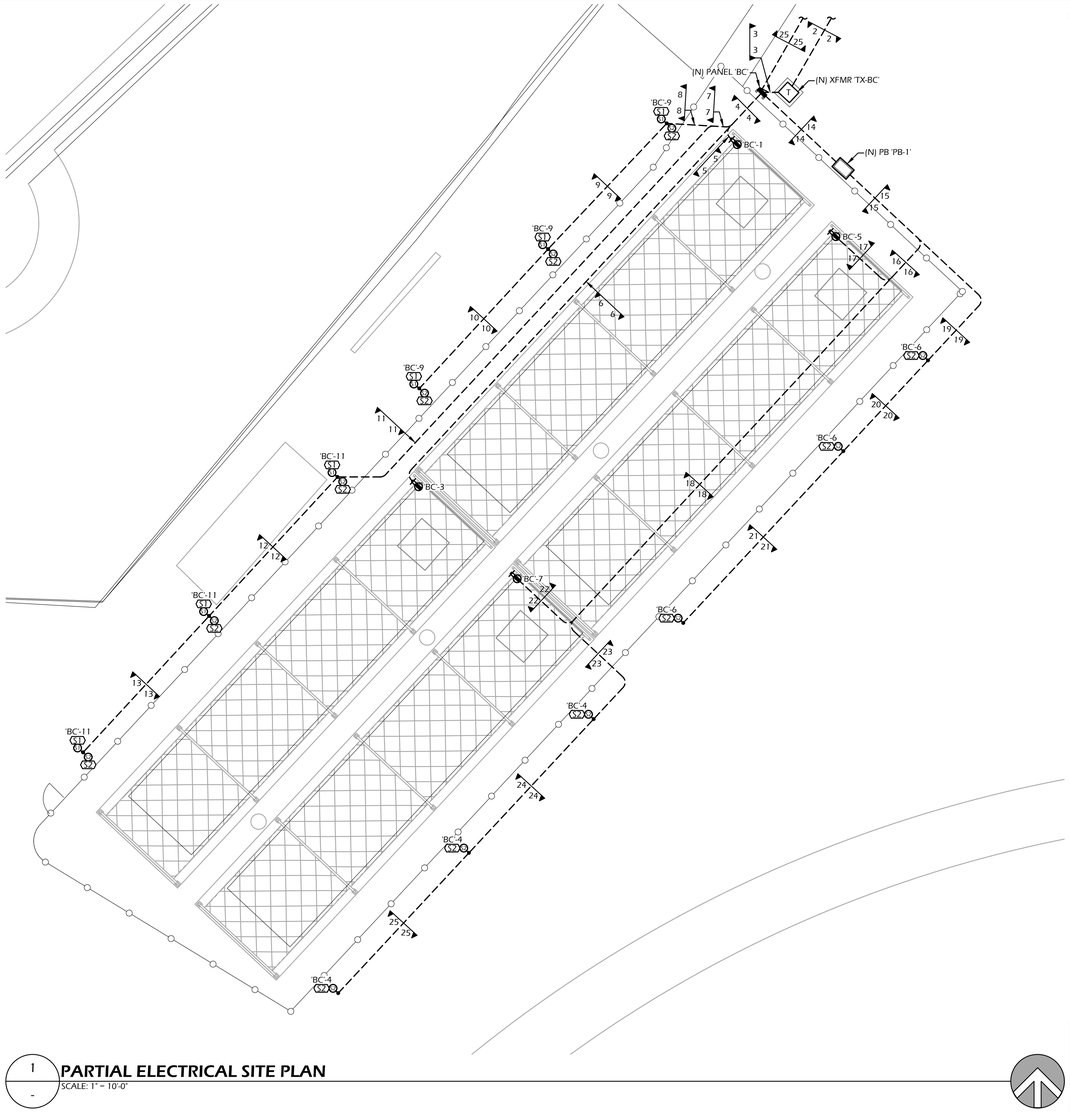
SHEET TITLE

PARTIAL ELECTRICAL SITE PLAN

E2.01.01

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

1" = 40'-0" (120 80 40 0 40)
1" = 30'-0" (90 60 30 0 30)
1" = 20'-0" (60 40 20 0 20)
1/8" = 1'-0" (24 16 8 0 8)
1/4" = 1'-0" (12 8 4 0 4)



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

GENERAL NOTES

1. ALL OUTDOOR RECEPTACLES SHALL HAVE WEATHERPROOF IN USE COVER AND GFI PROTECTION
2. ALL EXTERIOR LIGHTING SHALL UITLIZE #6 AWG COPPER CONDUCTORS.

DUCT BANK SCHEDULE

#	POWER	
	POWER	SPARE
1	1"	–
2	1"	–
3	1-1/4"	–
4	(4) 3/4"	–
5	3/4"	–
6	3/4"	–
7	(2) 3/4"	–
8	3/4"	–
9	3/4"	–
10	3/4"	–
11	3/4"	–
12	3/4"	–
13	3/4"	–
14	(4) 3/4"	–
15	(4) 3/4"	–
16	(3) 3/4"	–
17	3/4"	–
18	(2) 3/4"	–
19	3/4"	–
20	3/4"	–
21	3/4"	–
22	3/4"	–
23	3/4"	–
24	3/4"	–
25	3/4"	–
26	3/4"	–
27	3/4"	–
28	3/4"	–
29	3/4"	–

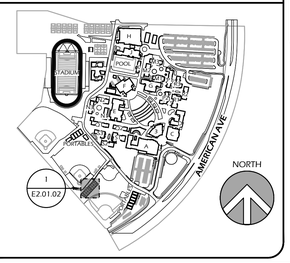
NOTES:

PULL BOX SCHEDULE

	DESIGNATION	MINIMUM SIZE	L x W (in)	LID TYPE	SYSTEMS
PWR	P1	B1730	36.75 x 23.75	H/20	POWER
	P2	B1730	36.75 x 23.75	H/20	POWER

NOTES:
1. ALL PULL BOXES SHALL BE EITHER BROOKS, CHRISTY, OR EQUIVALENT.
2. ALL PULL BOXES SHALL BE PROVIDED WITH EXTENSION RINGS AND BOLT DOWN COVERS AS REQUIRED TO SUIT THE APPLICATION.
3. LABEL PULL BOXES "ELECTRICAL", "SIGNAL' OR "COMMUNICATIONS' AS REQUIRED.
4. PULL BOX COVERS SHALL BE FULL TRAFFIC H20 RATED

SITE PLAN KEY MAP



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BAI Project #26109

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SCAN ME

DSA STAMP:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

REGISTERED PROFESSIONAL ENGINEER — RODOLFO L. CHACON — No. E16396 — Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

101 American Ave
Brentwood, CA 94513

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

Project Number:	
Issue Date:	
Drawn By:	BAI
Checked By:	JB

KEY MAP

SHEET TITLE

PARTIAL ELECTRICAL SITE PLAN

E2.01.02

1" = 40'-0" (1" = 40'-0" 0 40 80 120)
1" = 30'-0" (1" = 30'-0" 30 0 30 60 90)
1" = 20'-0" (1" = 20'-0" 20 0 20 40 60)
1/8" = 1'-0" (1/8" = 1'-0" 8 0 8 16 24)
1/4" = 1'-0" (1/4" = 1'-0" 4 0 4 8 12)

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

G:\Educational\LibertyUnionHighSchoolDistrict\HeritageHighSchool\HeritageHighBattingCages\26108E2-01-02.dwg, 26108E2-01-02, 8/27/2026 10:47:27 AM, wj2032



1 - PARTIAL PHOTOMETRICSL SITE PLAN
SCALE: 1" = 20'-0"

1" = 40'-0" 1" = 30'-0" 1" = 20'-0" 1/8" = 1'-0" 1/4" = 1'-0"
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

DSA STAMP:

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REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

REGISTERED PROFESSIONAL ENGINEER
BRIAN A. ISAAC
No. E16396
ELECTRICAL
STATE OF CALIFORNIA

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

HERITAGE PATRIOTS

101 American Ave
Brentwood, CA 94513

CHACON ARCHITECTURE

RODOLFO L. CHACON
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PHONE: 925-504-8098
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Project Number:	
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Checked By:	JB

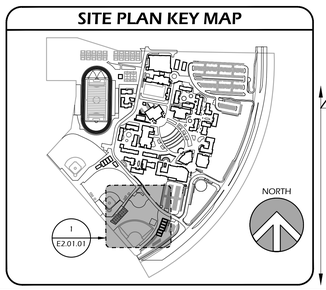
KEY MAP

SHEET TITLE

PARTIAL PHOTOMETRICS SITE PLAN

E2.01.03

SITE PLAN KEY MAP



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BAI Project #26109

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SCAN ME

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Heritage HS - Batting Cages	**Report Page:** (Page 4 of 4)
Project Address: 101 AMERICAN AVE. BRENTWOOD, CA, 94513	**Date Prepared:** 2026-06-09T13:31:56-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name:	Documentation Author Signature:
John Borrelli, PE	
Company: Borrelli and Associates, Inc.	Signature Date: 06-10-2026
Address: BORELLI AND ASSOCIATES, INC.	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: 2032 N. GATEWAY BLVD.	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 Person Name:	Responsible Person Signature:
Responsible Person Scope:	
Company:	Date Signed: 06-10-2026
Address: 2032 N. GATEWAY BLVD.	License: E16390
City/State/Zip: FRESNO, CA 93727	Phone: FRESNO, CA 93727

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: Heritage HS - Batting Cages	**Report Page:** (Page 1 of 4)
Project Address: 101 AMERICAN AVE. BRENTWOOD, CA 94513	**Date Prepared:** 2026-06-09T13:31:56-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Brentwood	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 a new panel to supply power to batting cage pitching machines.	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.*

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Heritage HS - Batting Cages	**Report Page:** (Page 2 of 4)
	Date Prepared: 2026-06-09T13:31:56-04:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through J. 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)2Piii/ §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 a new panel to supply power to batting cage pitching machines.	☒	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".*

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Heritage HS - Batting Cages	**Report Page:** (Page 3 of 4)
	Date Prepared: 2026-06-09T13:31:56-04:00

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.

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
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http://www.borrelliengineering.com/
e-Mail: ca-bai@borrelliengineering.com
BAI Project #26109

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APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

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

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

HERITAGE PATRIOTS

101 American Ave
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PHONE: 925-504-8098
ADDRESS : 2106 BOLERO,
BAY POINT, CA. 94565
WWW.CHACONARCHITECTURE.COM

Project Number:	
Issue Date:	
Drawn By:	BAI
Checked By:	JB

KEY MAP

SHEET TITLE

POWER TITLE 24

E3.01.01

1" = 40'-0" 1" = 30'-0" 1" = 20'-0" 1/8" = 1'-0" 1/4" = 1'-0"
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Heritage HS - Batting Cages	**Report Page:**	(Page 7 of 7)
Project Address: 101 AMERICAN AVE. BRENTWOOD, CA 94513	**Date Prepared:**	2026-06-12T18:19:01-04:00

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: 6-12-26
Address: 2032 NORTH GATEWAY BOULEVARD	CEA/AEA/ECC 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 Person Name: JOHN BORRELLI, P.E.	Responsible Person Signature:
Responsible Person Scope:	
Company: BORRELLI AND ASSOCIATES, INC.	Date Signed: 6-12-26
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: Heritage HS - Batting Cages	**Report Page:**	(Page 4 of 7)
	Date Prepared:	2026-06-12T18:19:01-04:00

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
General Hardscape: "S1"	Photocontrol	Provided	Provided	☐	☐
General Hardscape: "S2"	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.*

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)4by for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.		
Project Name: Heritage HS - Batting Cages	**Report Page:**	(Page 1 of 7)
Project Address: 101 AMERICAN AVE. BRENTWOOD, CA 94513	**Date Prepared:**	2026-06-12T18:19:01-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Brentwood	04 Total Illuminated Hardscape Area (ft²)	13975.53
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			
• All Other Occupancies				

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.*

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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				
	☒ General Hardscape Allowance Table I (below)	"Use it or lose it" Allowance (select all that apply) (select all that apply)			
		☐ 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)	
General Hardscape	13975.53	0.021	293.49	921.35	0.2	184.27	477.76
					Initial Wattage Allowance for Entire Site (Watts):		
					Instances of Initial Wattage Allowance (LZ 0 only)[1]:		
					Total General Hardscape Allowance (Watts):		477.76

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.

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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**
477.76	+	----	+	----	+	----	+	----	OR	----	=	477.76	≥	340	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.

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M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has 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-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	General Hardscape: "S1"; General Hardscape: "S2"

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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	4,998 lumens (nominal). Pole mounted	☐ Linear	34	Mfr. Spec	10	New	☐	340	NA: < 6200 lumens	☐	☐
S2	49,611 lumens (nominal). Pole mounted	☐ Linear	340	Mfr. Spec	12	New	☒	---	NA: Luminaire exempt from CalGreen 5.106.8 and 140.7(a)	☐	☐
							Total Design Watts:	340			

* 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.

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
Phone: 559-233-4138
http://www.borrelliengineering.com/
e-Mail: ca-bai@borrelliengineering.com
BAI Project #26109

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SCAN ME

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
1" = 40'-0" 120 80 40 0
1" = 30'-0" 90 60 30 0
1" = 20'-0" 60 40 20 0
1/8" = 1'-0" 24 16 8 0
1/4" = 1'-0" 12 8 4 0

DSA STAMP:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

REGISTERED PROFESSIONAL ENGINEER
RODOLFO L. BORRELLI
No. E16390
ELECTRICAL
STATE OF CALIFORNIA

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

HERITAGE PATRIOTS

101 American Ave
Brentwood, CA 94513

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

Project Number:
Issue Date:
Drawn By: BAI
Checked By: JB

KEY MAP

SHEET TITLE

LIGHTING TITLE 24

E3.02.01

G:\Educational\LibertyUnionHighSchoolDistrict\HeritageHighSchool\HeritageHighBattingCages\26108E3-02-01.dwg, E3.02.01 LIGHTING TITLE 24, 8/27/2026 10:47:51 AM, wj2032

DIVISION 26 ELECTRICAL SPECIFICATIONS

PART 1 GENERAL

1.01 SCOPE OF WORK

1. Furnish and install all materials and equipment and provide all labor required and necessary to complete the work shown on the drawings and/or specified and all other work and miscellaneous items, for a complete installation. It is the intent of the drawings and specifications that all systems be complete and ready for operation.

2. DRAWINGS AND MEASUREMENTS: The drawings are not intended to be scaled for roughing-in measurements nor to serve as shop drawings. The Contractor shall consult the architectural, structural, mechanical, or equipment drawings for dimensions, obstructions and location of equipment of other trades. Outlet devices, switches, panels, cabinets, fixtures and special equipment are shown on the drawings only in a schematic manner and not necessarily in their specific location. The Contractor shall be responsible for exact locations of the outlets to form a functional and aesthetic installation either by careful review of all architectural elevations, tile patterns, surface finishes, and equipment arrangements or by consultation with the Engineers and/or other trades involved.

1.02 CODE COMPLIANCE AND PERMITS

All fees, permits, licenses, etc., necessary in order to complete the work of this section shall be paid by this Contractor. All work shall be executed in accordance with the current edition of the City Electrical Ordinances, State Electrical Laws, Statutes and National Electrical Code and be subject to the inspection of these departments including, but not limited to the following:

1. Occupational Safety and Health Act Standards (OSHA).
2. NFPA 72: National Fire Alarm Code
3. NFPA 101: Life Safety Code.
4. CEC: California Electric Code
5. CBC: California Building Code
6. CFC: California Fire Code

1.03 WORKMANSHIP

The installation work included in this specification shall be performed in a neat workmanlike manner by persons experienced and skilled in the Electrical trade. Only the best quality workmanship will be accepted. All exposed parts of the electrical wiring systems such as exposed conduits, flush plates, cabinet trim, fixtures, etc., shall be square and true with the building construction.

1.04 BASIC MATERIALS

Materials, equipment fabrication, installation and tests in conformity with applicable codes and authorities having jurisdiction, for the following:

1. Conduit and raceways.
2. Wire and cables.
3. Wiring devices, outlet boxes, junction boxes.
4. Grounding.
5. Safety switches.
6. Motor starters (individually mounted).

1.05 GUARANTEE

This Contractor shall assume responsibility for any defects which may develop in any part of his work caused by faulty workmanship, material or equipment, and agrees to replace, repair, or alter, at his expense, any such faulty workmanship, material or equipment that has been brought to his attention during a period of one year from the date of substantial completion. Acceptance of the work shall not waive this guarantee.

1.06 QUALITY ASSURANCE

All materials and equipment shall be new and of best quality, of the type best suited for the purpose intended. All electrical materials used in this work shall be listed by the Underwriter's Laboratories, Inc., where testing is provided and shall bear their label.

1.07 SHOP DRAWINGS

Shop drawing submittals shall be labeled with the proper name of the project, equipment or material descriptive names, and manufacturer's name and address. Drawings shall indicate catalog number, dimension, voltage and current characteristics, wire sizes, construction rough-in data of all materials to be used. Shop drawings shall be submitted for all the following:

1. Main switchboards
2. Panelboards
3. Load centers
4. Motor control centers
5. Safety switches
6. Motor starters
7. Fire alarm system

PART 2 PRODUCTS

2.01 CONDUIT AND OTHER RACEWAYS

1. Rigid Conduit (GRC): Hot-dipped galvanized steel
2. Intermediate Metal Conduit (IMC): Electro-galvanized
3. Electrical Metallic Tubing (EMT): Electro-galvanized
4. Plastic: Schedule 40 PVC, approved for use as non-metallic raceway for 90 degree C conductors.
5. Wireway: Code gauge steel, with knockouts and hinged cover; corrosion resistant gray baked enamel finish.
6. Flexible Steel Conduit: Liquid tight type at wet locations.
7. Fittings and Accessories: Approved for the purpose; equal in all respects to the conduit or raceway; EMT connectors and couplings shall be steel compression type outdoors and in wet locations, set screw type indoors and in dry locations.

2.02 WIRE AND CABLES

1. For power and lighting systems 600V or less:
   - 1.1. Conductors:
     - 1.1.1. Smaller than #12 AWG: Solid copper
     - 1.1.2. #12 AWG and larger: Stranded copper
   - 1.2. Insulation type:
     - 1.2.1. XHHW for wet or underground locations
     - 1.2.2. THHN for dry locations.
     - 1.2.3. Minimum conductor size for voltage drop:
       - 1.2.3.1. Minimum size shall be per CEC Tables 310.15(B)(16), 310.15(B)(2)(a), and 310.15(B)(2)(b) for runs 50 feet or less for 208/120V systems or 100 feet or less for 480/277V systems
       - 1.2.3.2. Increase conductor size by one method below:
         - 1.2.3.2.1. One size for each additional 50 feet for 208/120V systems or 100 feet for 480/277V systems.
         - 1.2.3.2.2. Calculate voltage drop and size as directed by CEC Voltage Drop Restrictions.
       - 1.2.3.3. Underground circuits shall be #8 AWG minimum wire, unless otherwise noted.
       - 1.2.3.4. Once the contractor has determined conductors' route, calculate the minimum size to meet maximum voltage drop allowed per CEC using Dmin=C*P*L*I/(V_D*N).
         - 1.2.3.4.1. D_{min} is the minimum diameter (circular mills)
         - 1.2.3.4.2. C=12 for copper, C=19.5 for aluminum
         - 1.2.3.4.3. P=2 for single phase, P=√3 for three-phase
         - 1.2.3.4.4. L is conductor length (feet)
         - 1.2.3.4.5. I is the current (amps)
         - 1.2.3.4.6. V_D is the maximum allowable voltage drop (volts)
         - 1.2.3.4.7. N is the quantity of parallel conductors per phase
     - 1.2.4. Minimum size conductors for OCPD shall be determined from CEC Table 310.16 with ampacity corrected for 115°F. Derate ampacity for more than three current carrying conductors per the CEC.
     - 1.2.5. Conductor size shall be the largest size to meet maximum voltage drop (2.02 1.2.3) and to meet CEC ampacity requirements (2.02 1.2.4).
2. For signal and communication circuits:
   - 2.1. Special cables: As specified on drawings.
   - 2.2. Conductors for general use: Stranded copper conductor, #14 AWG minimum, with THWN insulation for underground or wet locations and THHN insulation for dry Locations.

2.03 WIRING DEVICES

1. All wiring devices shall be manufactured by Leviton. Other products of equal quality, look and feel will be acceptable.
2. All wiring devices shall be hospital grade.
3. Color scheme:
   - 3.1. Devices on normal circuits shall match the existing device color scheme.
   - 3.2. Devices on emergency circuits shall be red in color.
   - 3.3. Isolated ground receptacles shall be orange in color.
4. Wall (local) switches: Switches shall be totally enclosed, AC rated, silent type.
5. Duplex convenience receptacles shall be hospital grade, 3-pole, grounded, rated 20 amperes.
6. Ground Fault Interrupted (GFI) Receptacles: 3-pole grounded, gray in color, rated 20 amperes, 125V, Leviton or equal to match existing.
7. Other special purpose receptacle shown on Drawings shall be of same quality.
8. Device Plates: All device plates shall match color of device. Confirm finishes with Architect before ordering.

2.04 GROUNDING

Ground Rods: Copper clad steel, 3/4 inch diameter, 10 feet in length.

2.05 FITTINGS

On all conduit systems the connector fitting shall be of the insulated throat type. Where rigid conduit is connected to a threadless box, double locknut method shall be used. All conduit fittings shall be of steel construction. Die-cast aluminum fitting shall not be used on any conduits.

2.06 BOXES

Outlet boxes shall be at least 1-1/2 inches deep, or gang style type of size to accommodate devices noted. Outlet boxes on exposed conduit runs in unfinished areas and equipment rooms shall be 4 inch square. Exterior outlet boxes shall be cast aluminum type with weatherproof cover. All outlet boxes shall be concealed expect where shown or noted otherwise. This Contractor shall verify type and depth of finished surface so that outlet will be flush.

2.07 CONNECTORS

1. Provide UL listed lugs marked AL7CU or AL9CU as per the requirements of UL Standard 486B.
2. Bolted Pressure type connectors:
   - 2.1. Wire brush the connector and apply an oxide inhibiting joint compound. Penetrox or equal.
   - 2.2. Provide the proper torque per the connector manufacturer's recommendation.
3. Compression type connectors:
   - 3.1. Provide electro tin plated high conductivity aluminum lugs, marked with wire size, die index, color coded and the proper number and location of crimps. Lug barrels shall be factory prefilled with oxide inhibiting compound.
   - 3.2. Aluminum cable connection to aluminum bus bar use two hole aluminum compression lug and aluminum hardware. Apply UL listed lubricant to hardware and surfaces before tightening.
   - 3.3. Aluminum cable connection to copper bus bar: use two hole compression lug, plated steel hardware and belleville spring washer. Apply UL listed lubricant to hardware and surfaces before tightening.
   - 3.4. Aluminum cable connection to mechanical lugs and equipment not suited for aluminum conductor termination. Use aluminum compression lug with stranded copper wire pigtail Equipment lug compression body with insulating cover.

2.08 TERMINATION HARDWARE

1. Bolts: Anodized alloy 2023-T4 and conforming to ANSI B18.2.1 and to ASTM B211 or B221 chemical and mechanical property limits.
2. Nuts: Aluminum alloy 6061-T6 or 6262-T9 nad conforming to ANSI B18.2.2
3. Washer: Flat aluminum alloy Alclad 2024-T4, Type A plain, standard wide series conforming to ANSI B27.2.
4. Belleville conical spring washers: Hardened steel, cadmium plated or silicon bronze.

2.09 BOARDS

1. Panelboards shall be Square D, Eaton, GE/ABB, or IEM with lockable doors, bolt-on type branch circuit breakers.
2. Switchboards, Panelboards, and Load Centers shall be of the same manufacturer.
3. Busses shall be copper.

2.10 TRANSFORMERS

1. Temperature
   - 1.1. 150°C rise
   - 1.2. Self-cooled type
   - 1.3. The maximum temperature of the top of the enclosure shall not exceed 50°C rise above a 40°C ambient.
2. Impedance shall be manufacturer's standard.
3. All insulating materials used shall be in accordance with NEMA ST20 or NEMA TR27 standards and be rated for 220°C UL component recognized insulation system.
4. The core of the transformer shall be visibly grounded to the enclosure by means of a flexible grounding conductor sized in accordance with applicable NEMA, IEEE and ANSI standards.
5. Primary voltage, secondary voltage, and kVA capacity shall be as shown on the single line or three line diagram(s).
6. All windings shall be copper.

2.11 IDENTIFICATION

1. Nameplates:
   - 1.1. Acrylic plastic suitable for indoor or outdoor use
   - 1.2. Black face (normal circuits) or red face (emergency circuits) with engraved, white, 1" minimum, Arial or similar font characters
   - 1.3. Clear plastic overlay suitable for indoor or outdoor use that can be replaced if vandalized.
   - 1.4. Sign shall include device name, voltage, size, where the equipment is fed from and also have the OSHPD pre approval number engraved on the name plate.
2. Pull line identification tags:
   - 2.1. Aluminum plate
   - 2.2. 1/8" tall (minimum), Arial (or similar) font, identifying text stamped on plate
   - 2.3. Tags shall describing conduit's length, source, and destination.

2.12 MISCELLANEOUS MATERIALS

1. Safety switches: Heavy duty type, 600V, Horsepower rated for motors, NEMA 1 enclosure for indoors and NEMA 3R enclosure for outdoors; fused or non-fused as required; General Square D only.
2. Motor starters (individually mounted):
   - 2.1. Combination disconnect switch and full voltage magnetic type for 1 HP or larger motors, unless otherwise shown
     - 2.1.1. Overload protection for each phase in NEMA 1 enclosure
     - 2.1.2. Two interlock contacts of the interchangeable open-close type
     - 2.1.3. Hand-Off-Automatic selector switch
     - 2.1.4. Motor running pilot light
     - 2.1.5. Reset button in cover
     - 2.1.6. Individual 120V control transformers
     - 2.1.7. Motor circuit protectors
     - 2.1.8. General Electric, Westinghouse, Square D, or Siemens-ITE.
   - 2.2. Starters for fractional horsepower, 120V motors: Manual type, unless shown otherwise, equipped with built-in overload protection.
   - 2.3. Starters located outdoors: Provide NEMA 3R Enclosure and ambient temperature compensated bimetallic adjustable overload relays.
   - 2.4. ALL SCTBs, TTBs, and plywood backboard(s) shall be 4'W x 8'L x 3/4" Thick and shall be painted with gray fire retardant paint.

PART 3 EXECUTION

3.01 WIRING METHOD

1. Install all wiring in raceway, unless specifically shown otherwise.
2. Minimum conduit size shall be 1/2" when installed above ground and 3/4" when installed underground or under building slabs, unless otherwise noted. Increase conduit size as required for wiring. Size for conduit, unless specifically shown otherwise, shall be determined from Table 3A for all conductors, Chapter 9 of the latest National Electric Code.
3. Conduit shall be GRC, IMC, EMT, or plastic as follows:
   - 3.1. Above ground: Use GRC, IMC, or EMT.
     - 3.1.1. Wet locations or exterior: GRC or IMC only.
     - 3.1.2. Locations subject to mechanical damage: GRC or IMC only.
     - 3.1.3. In concrete walls or block walls: GRC or IMC only.
     - 3.1.4. Dry locations not subject to mechanical damage: EMT, IMC, or GRC.
   - 3.2. Underground
     - 3.2.1. 5 FT. short sections or repair of metallic conduit: GRC wrapped with 4 layers of PVC type or plastic.
     - 3.2.2. Listed GRC with approved factory applied non-metallic coating may be installed underground according to the manufacturer's listing and installation instructions.
     - 3.2.3. Rigid metal conduit: For use underground where protected encased in concrete. Schedule 40 PVC: For use underground where protected by concrete slabs, asphaltic pavement, or concrete walkways.
     - 3.2.4. Use steel elbows for plastic conduit runs penetrating floor slabs.

3.02 WIRE COLOR CODE

1. Color code conductors. Wire sized #8 AWG and smaller shall have integral color coded insulation. Wire sizes #6 AWG and larger may have black insulation but shall be identified by color coded electrical tape at junction, splice, pull, and termination points. Apply color tape with 1/2 lap to at least 6 inches of the conductor.
2. Color code wire as follows:

Conductors	120/208V	480/277V
Phase A:	Black	Brown
Phase B:	Red	Orange
Phase C:	Blue	Yellow
Neutral:	White	White or Gray
Ground:	Green	Green
Isolated Ground:	Green with yellow stripping	

3.03 EQUIPMENT IDENTIFICATION

All electrical equipment shall be provided with identification indicating its use or function. Equipment to be identified shall include panelboards, special panels, motor starters, pushbutton stations, pilot lights, special control switches and special receptacles. Identification shall be by means of a permanently attached, engraved, plastic laminated label. Junction boxes and empty conduits provided for future use shall also be identified.

3.04 PENETRATIONS OF FIRE-RATED ASSEMBLIES

Any penetrations of fire-rated assembly, such as walls, ceilings, and floors shall be sealed with a UL listed fire stop material approved for the application

3.05 CUTTING AND PATCHING

This Contractor shall perform all cutting required and all necessary patching after completion to restore the surface to its original condition, unless otherwise indicated. Should any cutting of walls, floors, ceilings, partitions, etc., be made necessary on account of this Contractor's failure to coordinate with other trades, such cutting shall be done at his own expense, restoring the work to its original condition. This Contractor shall not at any time cut or alter work of any other Contractor.

3.06 CLEANUP

All electrical equipment must be kept completely protected from weather elements, painting, etc., until the building is substantially completed. Damage from rust, pain, scratches, etc., shall be corrected as directed by the A/E.

END OF ELECTRICAL SPECIFICATIONS

Borrelli & Associates, Inc.
Consulting Electrical Engineers
2032 N. Gateway Boulevard Fresno, CA. 93727
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http://www.borrelliengineering.com/
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BAI Project #26109

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SCAN ME

DSA STAMP:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-123114 INC:
REVIEWED FOR
SS ☐ FLS ☑ ACS ☑
DATE: 11/10/2026

REGISTERED PROFESSIONAL ENGINEER
JEFFREY BORRELLI
No. 24967
ELECTRICAL
CALIFORNIA

REVISION	DESCRIPTION

HERITAGE HIGH SCHOOL

BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

HERITAGE PATRIOTS

101 American Ave
Brentwood, CA 94513

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

Project Number:	
Issue Date:	
Drawn By:	BAI
Checked By:	JB

KEY MAP

SHEET TITLE

ELECTRICAL SPECIFICATIONS

E4.01.01

1" = 40'-0" 1" = 30'-0" 1" = 20'-0" 1/8" = 1'-0" 1/4" = 1'-0"

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING