BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD, VENTURA, CA

Submittal	Date
100% SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	02/19/2025
DSA SUBMITTAL #2	04/01/2025

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

LPA

ARCHITECTURE ENGINEERING INTERIOR DESIGN
LANDSCAPE ARCHITECTURE PLANNING

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LICENSED ARCHITECT
STEVEN L. [illegible]
No. C-32615
11/25
REN.
STATE OF CALIFORNIA

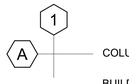
Developed for
VENTURA UNIFIED SCHOOL DISTRICT

Job Number 32210

COVER SHEET

G0.00

SYMBOLS LEGEND



COLUMN GRID



BUILDING SECTION
SECTION IDENTIFICATION
SHEET WHERE SECTION IS DRAWN



WALL SECTION
SECTION IDENTIFICATION
SHEET WHERE SECTION IS DRAWN



ELEVATION
ELEVATION IDENTIFICATION
SHEET WHERE ELEVATION IS DRAWN



DETAIL
DETAIL IDENTIFICATION
SHEET WHERE DETAIL IS DRAWN



INTERIOR ELEVATIONS
ELEVATION IDENTIFICATION
SHEET WHERE ELEVATION IS DRAWN

DOOR/ OPENING SYMBOL
REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION, SHEET A6.01



BUILDING IDENTIFICATION
OPENING DESIGNATION
ROOM NUMBER

ROOM NUMBER



ROOM NAME
ROOM NUMBER
ROOM SF (G - GROSS) (N - NET)
TOTAL OCCUPANT
OCCUPANT LOAD

REVISION



CLOUD AROUND REVISED AREA OPTIONAL

MATCH LINE
SHADED PORTION IS THE SIDE CONSIDERED



DATUM POINT



KEYNOTE



WALL TYPE
LETTER INDICATES WALL TYPE.
SEE SHEET A8.01



GLAZING IDENTIFICATION
REFER TO DOOR & FRAME / WINDOW ELEVATIONS FOR ADDITIONAL INFORMATION. SEE SHEET A6.02

ABBREVIATIONS

&	AND	FDN.	FOUNDATION	PRCST.	PRE-CAST
L	ANGLE	F.E.	FIRE EXTINGUISHER	PL.	PLATE
@	AT	F.E.C.	FIRE EXTINGUISHER CABINET	P.LAM.	PLASTIC LAMINATE PLASTER
℄	CENTERLINE			PLAS.	PLYWOOD
Ø	DIAMETER OR ROUND	F.F.	FINISH FLOOR	PLYWD.	PAIR
#	POUND OR NUMBER	F.H.C.	FIRE HOSE CABINET	PR. PT.	POINT
ACOUS.	ACOUSTICAL	FIN.	FINISH	P.T.	PRESSURE TREATED
A.D.	AREA DRAIN	FL.	FLOOR	P.T.D.	PAPER TOWEL DISPENSER
ADJ.	ADJUSTABLE	FLASH.	FLASHING	P.T.D./R	COMBINATION PAPER TOWEL DISPENSER & RECEPTACLE
AGGR.	AGGREGATE	FLUOR.	FLUORESCENT		
AL.	ALUMINUM	F.O.C.	FACE OF CONCRETE	PTN.	PARTITION
APPROX.	APPROXIMATE	F.O.F.	FACE OF FINISH	P.T.R.	PAPER TOWEL RECEPTACLE
ARCH.	ARCHITECTURAL	F.O.M.	FACE OF MASONRY		
ASB.	ASBESTOS	F.O.S.	FACE OF STUD		
ASPH.	ASPHALT	FPRF.	FIREPROOF		
AC	ASPHALT CONCRETE	F.S.	FINISH SURFACE	Q.T.	QUARRY TILE
		FT.	FOOT OR FEET		
		FTG.	FOOTING	R. RAD.	RISER RADIUS
BD.	BOARD	FURR.	FURRING	RCP	REFLECTED CEILING PLAN
BITUM.	BITUMINOUS	FUT.	FUTURE		
BLDG.	BUILDING	F.V.	FIELD VERIFY	R.D.	ROOF DRAIN
BLK.	BLOCK			REF.	REFERENCE
BLKG.	BLOCKING			REFR.	REFRIGERATOR
BM.	BEAM	GA.	GAUGE	RGTR.	REGISTER
BOT.	BOTTOM	GA	GYPSUM ASSOCIATION	REINF.	REINFORCED
		GALV.	GALVANIZED	REQ.	REQUIRED
CAB.	CABINET	G.B.	GRAB BAR	RESIL.	RESILIENT
C.B.	CATCH BASIN	G.I.	GALVANIZED IRON	RM.	ROOM
CEM.	CEMENT	G.I.S.M.	GALVANIZED IRON SHEET METAL	R.O.	ROUGH OPENING
CER. C.I.	CERAMIC	GL.	GLASS	RWD.	REDWOOD
C.G.	CAST IRON	GND.	GROUND	R.W.L.	RAIN WATER LEADER
CLG.	CORNER GUARD	GR.	GRADE		
CLKG.	CEILING CAULKING	GYP.	GYPSUM	S.	SOUTH
CLO.	CLOSET			S.C.	SOLID CORE
CLR.	CLEAR			S.C.D.	SEAT COVER DISPENSER
C.O.	CASED OPENING	H.B.	HOSE BIB	SCHED.	SCHEDULE
COL.	COLUMN	H.C.	HOLLOW CORE	S.D.	SOAP DISPENSER
CONC.	CONCRETE	HDWD.	HARDWOOD	SECT.	SECTION
CONN.	CONNECTION	HDWE.	HARDWARE	SH.	SHELF
CONSTR.	CONSTRUCTION	H.M.	HOLLOW METAL	SHR.	SHOWER
CONT.	CONTINUOUS	HORIZ.	HORIZONTAL	SHT.	SHEET
CORR.	CORRIDOR	HR.	HOUR	SIM.	SIMILAR
CTSK.	COUNTERSUNK	HGT.	HEIGHT	S.M.S.	SHEET METAL SCREW
CNTR.	COUNTER			S.N.D.	SANITARY NAPKIN DISP.
CTR.	CENTER	I.D.	INSIDE DIAMETER (DIM.)	S.N.R.	SANITARY NAPKIN RECEPT.
		INSUL.	INSULATION	SPEC.	SPECIFICATION
		INT.	INTERIOR	SQ.	SQUARE
DBL.	DOUBLE			S.S.	STAINLESS STEEL
DEPT.	DEPARTMENT	JAN.	JANITOR	S.SK.	SERVICE SINK
D.F.	DRINKING FOUNTAIN	JT.	JOINT	STA.	STATION
DET.	DETAIL			STD.	STANDARD
DIA.	DIAMETER	KIT.	KITCHEN	STL.	STEEL
DIM.	DIMENSION			STOR.	STORAGE
DISP.	DISPENSER	LAB.	LABORATORY	STRL.	STRUCTURAL
DN. D.O.	DOWN DOOR OPENING	LAM.	LAMINATE	SUSP.	SUSPENDED
DR.	DOOR	LAV.	LAVATORY	SYM.	SYMMETRICAL
DWR.	DRAWER	LKR.	LOCKER LIGHT		
D.S.	DOWNSPOUT	LT.		T. TRD.	TEMPERED TREAD
D.S.P.	DRY STANDPIPE			T.B.	TOWEL BAR
DWG.	DRAWING	MAX.	MAXIMUM	T.O.C.	TOP OF CURB
		M.C.	MEDICINE CABINET	TEL.	TELEPHONE
		MECH.	MECHANICAL	TER.	TERRAZZO
		MEMB.	MEMBRANE	T.&G.	TONGUE AND GROOVE
E.	EAST	MET.	METAL	THK.	THICK
EA.	EACH	MFR.	MANUFACTURER	T.O.P.	TOP OF PARAPET
E.D.F.	ELECT. DRINKING FOUNT.	MH.	MANHOLE	T.O.S.	TOP OF SLAB
E.J.	EXPANSION JOINT	MIN.	MINIMUM	T.P.	TOP OF PAVEMENT
EL.	ELEVATION	MIR.	MIRROR	T.P.D.	TOILET PAPER DISPENSER
ELEC.	ELECTRICAL	MISC.	MISCELLANEOUS		
ELEV.	ELEVATOR	M.O.	MASONRY OPENING	T.S.	TUBE STEEL
EMER.	EMERGENCY	MTD.	MOUNTED	T.V.	TELEVISION
ENCL.	ENCLOSURE	MTL.	MATERIAL	T.W.	TOP OF WALL
E.P.	ELECT PANELBOARD	MUL.	MULLION	TYP.	TYPICAL
EQ.	EQUAL	N.	NORTH	UNF.	UNFINISHED
EQPT.	EQUIPMENT	N.I.C.	NOT IN CONTRACT	U.O.N.	UNLESS OTHERWISE NOTED
E.W.C.	ELECT. WATER COOLER	NO.	NUMBER	UR.	URINAL
EXST.	EXISTING	NOM.	NOMINAL		
EXPO.	EXPOSED	N.T.S.	NOT TO SCALE	VERT.	VERTICAL
EXP.	EXPANSION	O.A.	OVERALL	VEST.	VESTIBULE
EXT.	EXTERIOR	OBS.	OBSCURE		
F.A. F.B.	FIRE ALARM	O.C.	ON CENTER	W.	WEST
F.D.	FLAT BAR FLOOR DRAIN	O.D.	OUTSIDE DIAMETER	W/	WITH
		O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED	W.C.	WATER CLOSET
				WD.	WOOD
				W/O	WITHOUT
		OFF.	OFFICE	W.P.	WATERPROOF
		OPNG.	OPENING	WSCT.	WAINSCOAT
		OPP.	OPPOSITE	WT.	WEIGHT

HAZARDOUS MATERIAL DISCLAIMER

THESE DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND ARE A REPRESENTATION OF EXISTING CONDITIONS AT A DETAIL REQUIRED BY THE SCOPE OF THE ARCHITECT'S SERVICES. THE ARCHITECT HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION INCLUDING BORING OR CORING OF STRUCTURAL AND/OR NON-STRUCTURAL ELEMENTS, MEASUREMENTS, ETC. AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT. THE ARCHITECT HAS NOT CONDUCTED ANY CODE COMPLIANCE ANALYSIS, STRUCTURAL ANALYSIS, ASBESTOS INVESTIGATION, LIFE SAFETY EVALUATION ENGINEERING STUDIES OF ANY KIND TO DETERMINE THE SUITABILITY OF THIS BUILDING FOR ITS INTENDED USE. SUBSEQUENTLY THE ARCHITECT DOES NOT REPRESENT THAT THESE DOCUMENTS ILLUSTRATE EXISTING CONDITIONS THAT COMPLY WITH ANY OR ALL APPLICABLE CODES. THE DISCOVERY OF ANY DEFICIENCY IN THE BUILDING AND/OR SITE, INCLUDING THE PRESENCE OF ASBESTOS, SHALL BE IMMEDIATELY REPORTED TO THE PROPERTY OWNER WHO SHALL BE RESPONSIBLE FOR DIRECT HIS CONTRACTOR AND/OR CONSULTANTS IN THE APPROPRIATE MANNER.

APPLICABLE CODES

LIST OF APPLICABLE CODES

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR

2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR

2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR

2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR

2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR

2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR

2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR

2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR

2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CRC CHAPTER 80.

ACCESSIBILITY GENERAL NOTES

1. INACCESSIBLE BUILDING ENTRANCES, INACCESSIBLE PUBLIC TOILETS AND BATHING FACILITIES, AND ELEVATORS NOT ON AN ACCESSIBLE ROUTE SHALL BE PROVIDED WITH DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST SIMILAR ACCESSIBLE ELEMENT.
2. REFER TO PATHS OF TRAVEL DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING COMPLIANCE OF EXISTING RESTROOMS, ACCESS TO THE BUILDING AND PATH OF TRAVEL ELEMENTS.
3. ALL ENTRANCES AND EXTERIOR GROUND FLOOR EXIT DOORS TO BUILDING AND FACILITIES SHALL BE MADE ACCESSIBLE. CBC 11B-206.4.
4. EVERY REQUIRED EXIT DOOR SHALL BE A MINIMUM 6'-8" HIGH AND NOT LESS THAN 3'-0" WIDE. EXIT DOOR CLEAR WIDTH SHALL BE NO LESS THAN 32". CBC 11B-404.2.3.
5. AISLES SHALL NOT BE LESS THAN 44" WIDE WHEN SERVING TWO SIDES, AND 36" IF SERVING ONE SIDE, CBC 11B-403.5.1.
6. DISABLED ACCESS SIGNAGE SHALL BE PROVIDED ON NEW BUILDINGS AND WHEN ALTERATIONS, STRUCTURAL REPAIR OR ADDITIONS ARE MADE TO EXISTING BUILDINGS OR FACILITIES. CBC 11B-703.
7. PARKING
   A. PARKING SPACE IDENTIFICATION. PROVIDE A SIGN ON A POLE OR A WALL AT THE INTERIOR END OF THE STALL, CBC 11B-502.6, 11B-502.6.4.1, AND 11B-703.2.1.
   B. PROVIDE THE PAINTED UNIVERSAL ACCESSIBILITY SYMBOL ON THE PAVED SURFACE OF THE PARKING STALLS.
   C. ADD A "VAN ACCESSIBLE" SIGN ON THE VAN ACCESSIBLE PARKING STALLS.
   D. PAINT "NO PARKING" ON ACCESS AISLE OF THE DISABLED ACCESS PARKING SPACE.
   E. PROVIDE A WARNING SIGN AT THE ENTRANCE TO THE PARKING AREA FROM THE STREET REGARDING UNAUTHORIZED VEHICLES USING DESIGNATED HANDICAP SPACES, CBC 11B-502.6, 11B-502.6.4.1, AND 11B-703.2.1.
8. ENTRANCE TO THE BUILDING. CBC 11B-216.6.
9. RESTROOM CBC 11B-216.8 AND 11B-703.7.2.6.

Statement of General Conformance
FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS,
INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS
(Application No. # 03-125060 File No. 56-H7)

☒ The drawings or sheets listed on the cover or index sheet G0.01
☐ This drawing, page of specifications/calculations

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

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

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

I certify that: ☒ All drawings of sheets listed on the cover or index sheet marked with an asterisk (*)
☐ This drawing or page

☒ is/are in general conformance and
☒ have been coordinated

Signature — 01/30/2025 Date

Architect or Engineer designated to be in general responsible charge

STEVEN KEY	C-32815	11 / 2025
Print Name	License Number	Expiration Date

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE AS SPECIFIED AND IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, LAWS, PERMITS, AND THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF ALL NEW CONSTRUCTION ON THE SITE.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE CONTRACT DOCUMENTS, OR BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED.
4. SHOULD A CONFLICT OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE, UNLESS A WRITTEN DECISION FROM THE ARCHITECT HAS BEEN OBTAINED WHICH DESCRIBES A CLARIFICATION OR ALTERNATE METHOD AND/OR MATERIALS.
5. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS ON THE SITE TO AREAS PERMITTED BY THE OWNER.
6. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER, AND SHALL NOT BE UNREASONABLY ENCUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUB-CONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.
7. ALL MATERIAL STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION. FAILURE TO PROTECT MATERIALS MAY BE CAUSE FOR REJECTION OF WORK.
8. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF HIS WORK THAT MAY BE REQUIRED TO MAKE ITS SEVERAL PARTS FIT TOGETHER PROPERLY AND SHALL NOT ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING, AND REPLACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK, SHALL BE DONE WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL, UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.
9. NO PORTION OF THE WORK REQUIRING A SHOP DRAWING OR SAMPLE SUBMISSION SHALL BE COMMENCED UNTIL THE SUBMISSION HAS BEEN REVIEWED BY THE ARCHITECT. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH CORRECTED SHOP DRAWINGS AND SAMPLES.
10. DIMENSIONS:
    ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE.
    ALL DIMENSIONS ARE TO THE FRAMING UNLESS OTHERWISE NOTED.
    CEILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR SLAB TO FACE OF FINISH CEILING MATERIAL UNLESS OTHERWISE NOTED.
11. THIS PROJECT REQUIRES A CLASS 2 INSPECTOR.
12. N.I.C.: NOT IN CONTRACT (NOT PART OF THIS DSA APPLICATION).
13. SHOULD ANY CONDITION(S) DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS, OR, IN A CHANGE OF SCOPE IS PROPOSED, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED CHANGE(S) SHALL BE SUBMITTED TO AND APPROVED BY BEFORE PROCEEDING WITH THE WORK.
14. A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
15. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
16. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION 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).
17. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
18. FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION WILL BE ENFORCED IN ACCORDANCE WITH CBC & CFC CHAPTER 33.
19. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
20. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
21. 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.
22. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
23. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
24. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
25. 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.
26. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
27. 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)

PROJECT DIRECTORY

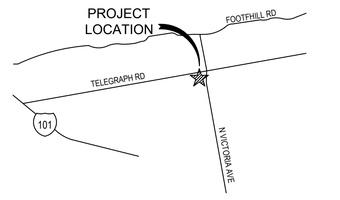
OWNER
CONTACT: RYAN HUGHES, BOND PROGRAM MANAGER
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VICINITY MAP



SCOPE OF WORK

1. RECONSTRUCTION OF SYNTHETIC TURF AND SYNTHETIC TRACK SURFACING AT TRACK AND FIELD.
2. CONCRETE PAVING WITH HANDRAIL IMPROVEMENTS.
3. PLANTING IMPROVEMENTS.

FIRE & LIFE SAFETY NOTES

1. PROVIDE A MINIMUM, UNOBSTRUCTED WIDTH OF 20 FEET, CLEAR TO SKY, VEHICULAR ACCESS TO WITHIN 150 FEET OF ALL PORTIONS OF THE BUILDING EXTERIOR WALLS. 2022 C.F.C. SECTION 503.
2. VEHICULAR ACCESS MUST BE MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION.
3. POST "NO PARKING" SIGNS ALONG FIRE VEHICULAR ACCESS ROAD(S). 2022 C.F.C. SECTION 503.3.
4. FIRE EXTINGUISHER REQ. SHALL BE DETERMINED BY FIELD INSPECTOR. 2022 C.F.C. SECTION 906.
5. BUILDING ADDRESS NUMBERS TO BE PROVIDED ON THE FRONT OF ALL BUILDINGS AND SHALL BE VISIBLE AND LEGIBLE FROM STREET FRONTING THE PROPERTY. SAID NUMBERS SHALL CONTRAST W/ THEIR BACKGROUND PER 2022 C.F.C. SECTION 505.1.
6. PROVIDE A KEY BOX LOCATION AT ALL GATED ENTRANCES AS REQUIRED BY 2022 C.F.C. SECTION 506.
7. COMMERCIAL DUMPSTERS OR CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS AREAS CONTAINING DUMPSTERS ARE PROTECTED BY AN APPROVED SPRINKLER SYSTEM PER 2022 C.F.C. SECTION 304.3.3.
8. ROADS MUST BE CONSTRUCTED OF A MATERIAL WHICH PROVIDES AN ALL WEATHER DRIVING SURFACE AND CAPABLE OF SUPPORTING THE 70,000 POUND IMPOSED LOAD FOR THE FIRE APPARATUS. CALCULATIONS STAMPED AND SIGNED BY A REGISTERED ENGINEER SHALL CERTIFY THAT THE PROPOSED SURFACE MEETS THE ABOVE CRITERIA.
9. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. EXIT SIGNS SHALL BE PROVIDED AT ALL EXITS AS REQUIRED BY CALIFORNIA BUILDING CODE, CHAPTER 10. ALL DOOR SWINGS SERVING AN OCCUPANT LOAD OF 50 OR GREATER SHALL SWING IN THE DIRECTION OF TRAVEL.
10. PROVIDE EXIT ILLUMINATION PER THE REQ. OF C.B.C., CHAPTER 10. SECTION 10.11
11. PROVIDE TEMPORARY FIRE PROTECTION AND MINIMUM SAFEGUARDS DURING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS PER C.F.C. CHAPTER 33

PATH OF TRAVEL

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE PATH OF TRAVEL IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE PATH FF TRAVEL WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE PATH OF TRAVEL THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) 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 PATH OF TRAVEL THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF PATH OF TRAVEL ITEMS WITHIN THE SCOPE OF THIS PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY 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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G0.03	ACCESS, COMPLIANCE, SITE ELEMENTS, AND SIGNAGE DETAILS

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C0.02*	EXISTING CONDITIONS
C0.03*	EXISTING CONDITIONS
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LANDSCAPE

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SFPC-2*	GENERAL NOTES, ABBREVIATIONS AND SYMBOLS
SFPC-3*	SECTIONS AND DETAILS
SFPC-4*	SPORTSFIELD SPECIALTIES DETAILS

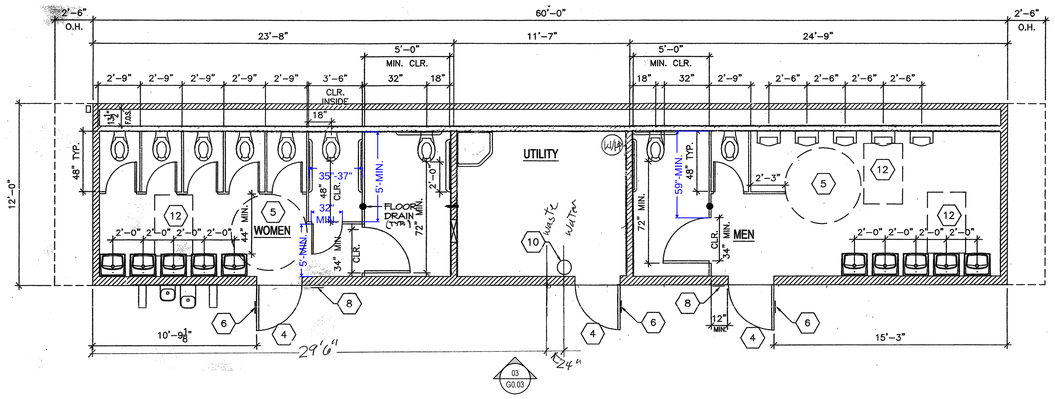
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KEYNOTES

4. EXISTING EXTERIOR DOOR
5. EXISTING 5'-0" DIA. WHEELCHAIR TURNING RADIUS. ENCROACHMENT BY TURN AREA SHALL NOT BE MORE THAN 6"
6. NEW ACCESSIBLE SIGNAGE. INSTALLED ON EACH DOOR (18 / G0.03)
8. NEW ACCESSIBILITY SIGNAGE (19 / G0.03)
9. EXISTING FINISH FLOORING
10. EXISTING FIRE EXTINGUISHER, 5 LB DRY CHEMICAL WITH 2A-10B-C-UL RATING. F.E. HANDLE @ 48" A.F.F.
12. EXISTING 30" X 48" CLEAR WHEEL CHAIR ACCESS.
20. EXISTING ELECTRICAL PANEL

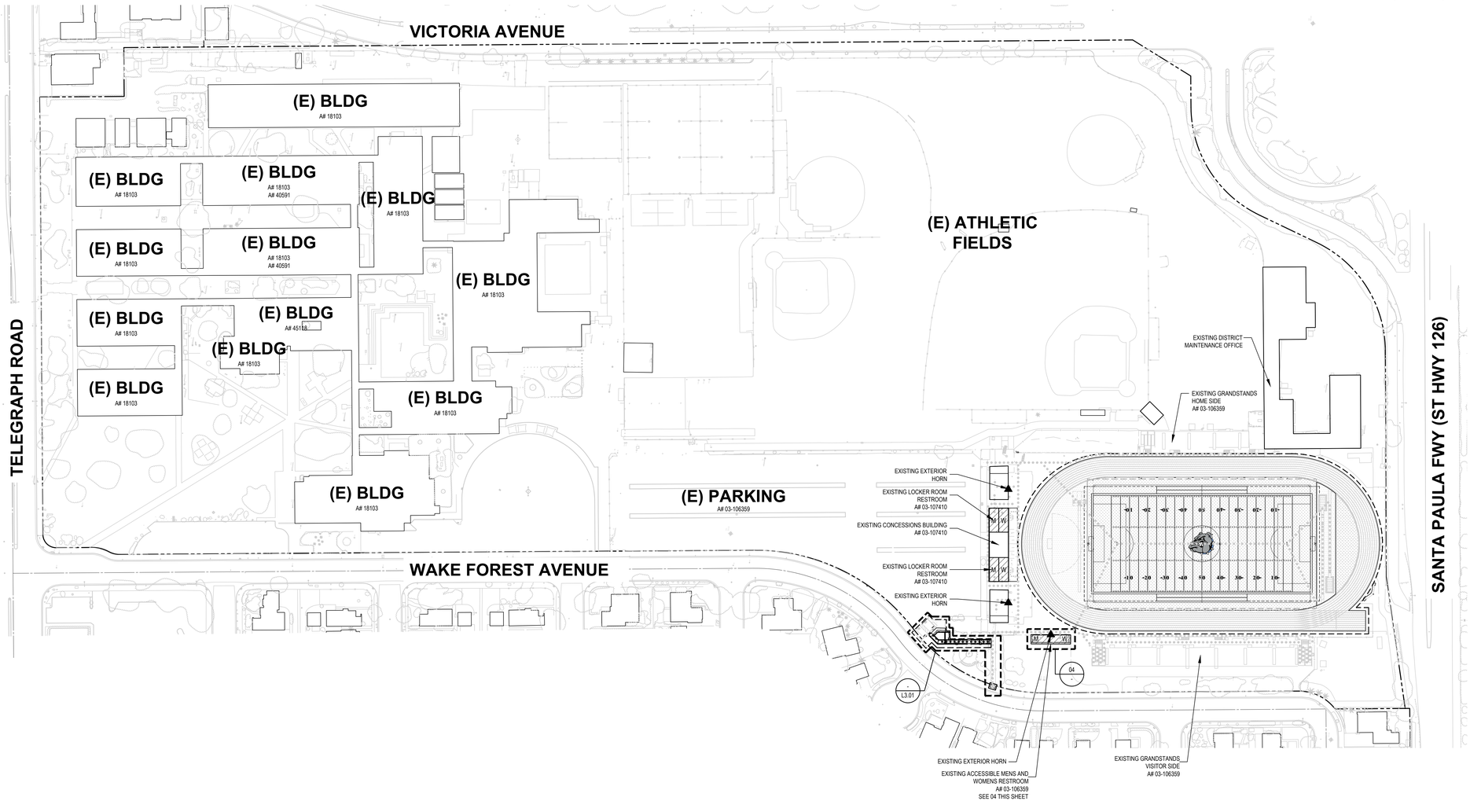
LEGEND

- PROPERTY LINE
- EXISTING ACCESSIBLE PATH OF TRAVEL
- PATH OF TRAVEL
- LIMIT OF WORK
- XXX — EXISTING RESTROOM
- EXISTING BUILDING
- ▲ EXISTING F.A. HORN

GENERAL NOTES

1. SEE CIVIL AND LANDSCAPE SHEETS FOR ALL SITE WORK, UTILITY & LANDSCAPE INFORMATION.
2. REPLACE LANDSCAPING AND IRRIGATION ADJACENT TO LIMIT OF WORK DAMAGED AS A RESULT OF CONSTRUCTION WORK.

EXISTING ACCESSIBLE MENS AND WOMENS RESTROOM ENLARGEMENT | 1" = 80' | 04



OVERALL SITE PLAN | 1"=80'-0" | 01

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT

THE PATH OF TRAVEL (P.O.T.) 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 P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 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 P.O.T. 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 P.O.T. 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.

PATH OF TRAVEL, TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTE

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING ½ INCHES IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING ¼" MAXIMUM AND AT LEAST 48 INCHES IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80 INCHES MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4 INCHES FROM THE WALL, ABOVE 27 INCHES AND LESS THAN 80 INCHES ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE RE NO BARRIERS IN THE PATH OF TRAVEL.

OPENINGS IN GRATINGS OR STRAINERS LOCATED IN PEDESTRIAN CIRCULATION PATHS OR IN PATH OF TRAVEL SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN ½" DIAMETER. ELONGATED OPENINGS SHALL BE PLACED SO THAT LONG DIMENSION IS PERPENDICULAR TO THE DOMINATE DIRECTION OF TRAVEL IN COMPLIANCE WITH SECTION 11B-302.3. WHERE NO DOMINANT DIRECTION OF TRAVEL IS DEFINED, ½" MAX OPENINGS IN ALL DIRECTIONS IS REQUIRED.

EXISTING PARKING TABULATION
A# 03-106359

PARKING LOT — ACCESSIBLE VAN

	EXISTING	REQUIRED	EXISTING	REQUIRED
STANDARD	286	-	-	-
ACCESSIBLE	13	8	1	1
TOTAL	299	-	-	-

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BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD
VENTURA, CA 93003

Developed for
VENTURA UNIFIED SCHOOL DISTRICT

Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/01/2025

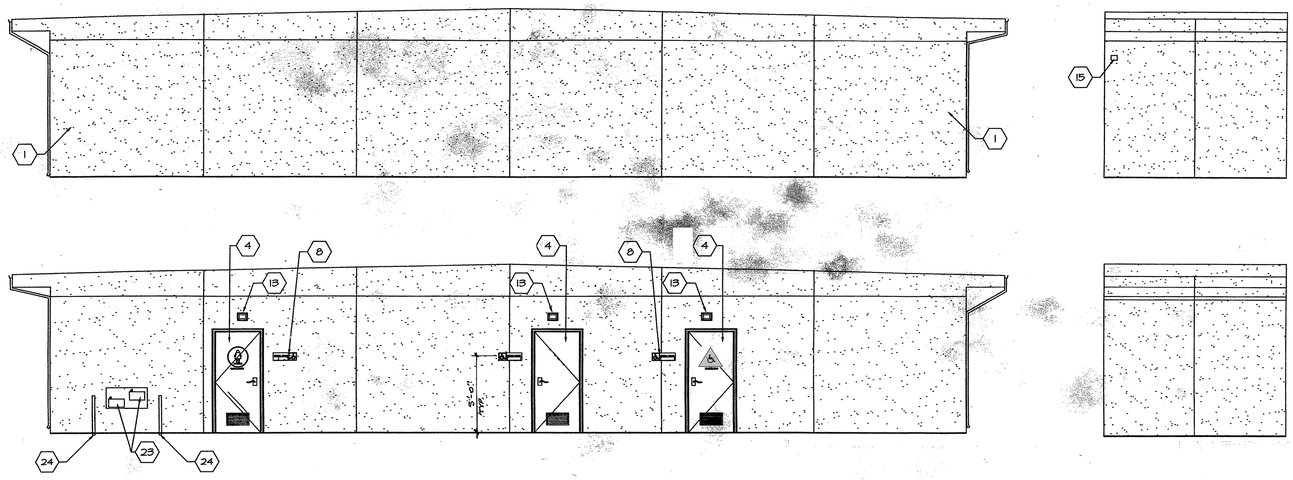
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Checked By	MM | CA
Scale	1" = 80'

OVERALL SITE PLAN

G0.02

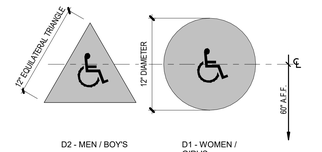
KEYNOTES

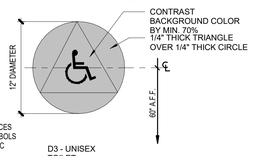
1. EXISTING EXTERIOR FINISH
4. EXISTING EXTERIOR DOOR
8. NEW ACCESSIBILITY SIGNAGE (18/19)
13. EXISTING EXTERIOR LIGHT
15. EXISTING METAL TAG, SHOWING DSA APP. #, MANUFACTURER'S NAME, UNIT SERIAL NUMBER, WIND DESIGN LOAD AND FLOOR LIVE LOAD
16. EXISTING 26 GA. GUTTER AND DOWNSPOUT.
23. EXISTING DRINKING FOUNTAIN
24. EXISTING WARNING RAIL OR WING WALLS



EXISTING EXTERIOR ELEVATIONS GABLE | 03

NOTES:
1. FASTEN ACRYLIC SIGNS TO DOOR W/ PERMANENT ADHESIVE.
2. SIGN TO BE 1/4" THICK ACRYLIC W/ 1/32" RAISED 4" HIGH ACCESSIBILITY SYMBOL. ALL SIGNS COLOR TO BE 3M SILVER METALLIC FILM 220/225-120. ALL CHARACTERS COLOR TO BE MATTE BLACK.
3. WHEN SIGN IS MOUNTED ON DARK COLORED BACKGROUND, ALL SIGNS TO CONTRAST BACKGROUND COLOR BY MIN. 70%.

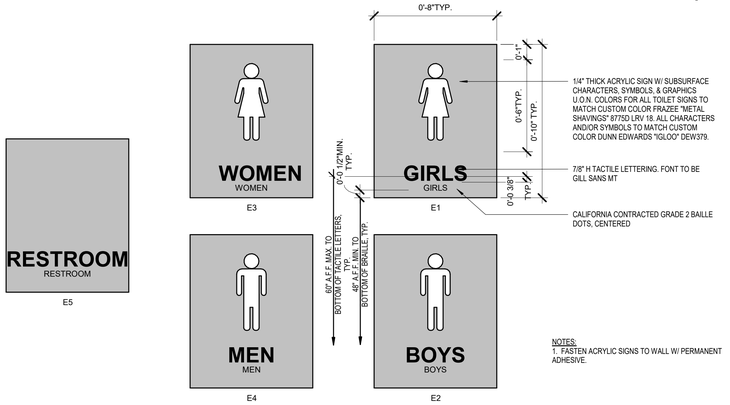




NOTES:
5. EDGES AND VERTICES ON GEOMTERIC SYMBOLS TO COMPLY WITH CBC 11B-703.7.2.6.4.

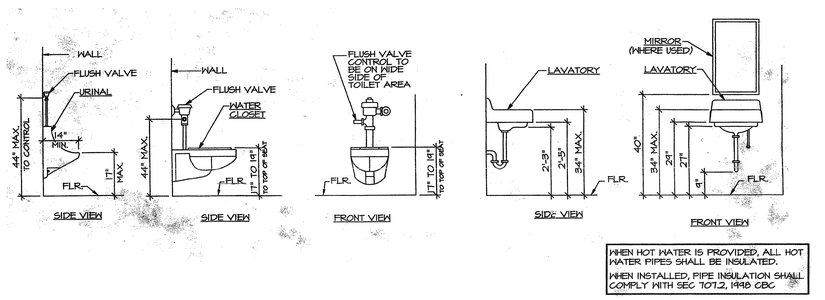
D3 - UNISEX TOILET

ACCESSIBLE SIGNAGE | 19



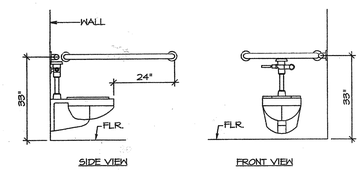
NOTES:
1. FASTEN ACRYLIC SIGNS TO WALL W/ PERMANENT ADHESIVE.

ACCESSIBLE SIGNAGE | 18

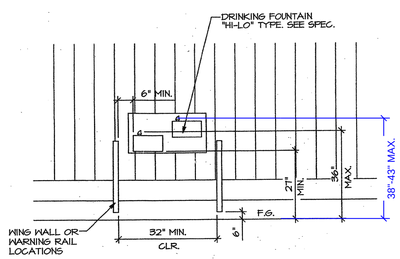


WHEN HOT WATER IS PROVIDED, ALL HOT WATER PIPES SHALL BE INSULATED.
WHEN INSTALLED, PIPE INSULATION SHALL COMPLY WITH SEC 1072, 1918 CBC

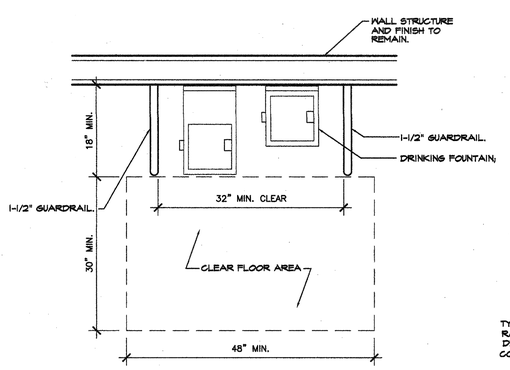
EXISTING ACCESSIBLE FIXTURE ELEVATIONS | 06



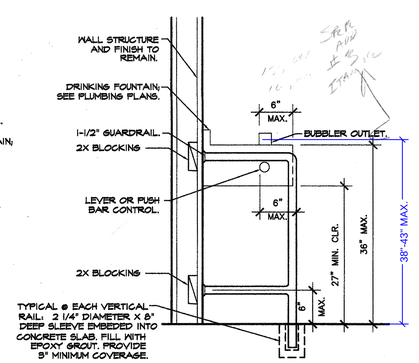
EXISTING GRAB BAR ELEVATIONS | 02



EXISTING DRINKING FOUNTAIN ELEVATION | 13



EXISTING ACCESSIBLE HIGH/LOW DRINKING FOUNTAIN AT TOILET BUILDING | 01



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BUENA HIGH SCHOOL TRACK AND FIELD REPLACEMENT

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Job Number	32210
Checked By	MM | CA
Scale	1" = 80'

ACCESS COMPLIANCE, SITE ELEMENTS, AND SIGNAGE DETAILS

G0.03

ABBREVIATIONS

AB	AGGREGATE BASE	MIN	MINIMUM
AC	ASPHALT CONCRETE PAVEMENT	MOC	MIDDLE OF CURVATURE
AE	ACCESS EASEMENT	N	NORTH
ASPH	ASPHALT PAVING	NG	NATURAL GRADE
BC	BEGIN CURVATURE	NTS	NOT TO SCALE
BCR	BEGIN CURB RETURN	OC	ON CENTER
BFP	BACK FLOW PREVENTER	(P)	PROPOSED, NEW
BI	BOX INLET	PA	PLANTING AREA
BM	BENCHMARK	PBC	PULL BOX CABLE
BOP	BOTTOM OF PIPE	PBE	PULL BOX ELECTRIC
BOR	BOTTOM OF RAMP	PBT	PULL BOX TELEPHONE
BS	BOTTOM OF STAIRS	PBW	PULL BOX WATER
BVC	BEGIN VERTICAL CURVATURE	PCC	POINT OF COMPOUND CURVATURE
BW	BOTTOM OF WALL	PE	PEDESTRIAN EASEMENT
C&G	CURB AND GUTTER	PI	POINT OF INTERSECTION
CL,CL	CENTER LINE	PIVC	POINT OF INTERSECTION VERTICAL CURVATURE
CB	CATCH BASIN	PL	PROPERTY LINE
CONST	CONSTRUCT	POC	POINT OF CONNECTION
CR	CURB RETURN	PP	POWER POLE
CT	COURT	PRC	POINT OF REVERSE CURVATURE
CUL	CULVERT	PVC	POLYVINYL CHLORIDE
DI	DROP INLET	PVMT	PAVEMENT
DIP	DUCTILE IRON PIPE	R	RADIUS
DW	DOMESTIC WATER	RCP	REINFORCED CONCRETE PIPE
D/W	DRIVEWAY	RIM	TOP RIM OF STRUCTURE
DE	DRAINAGE EASEMENT	ROW	HIGHWAY EASEMENT
DR	DRIVE	RT	RIGHT
(E)	EXISTING	RW	RECLAIMED WATER
E	EAST	R/W	RIGHT OF WAY
EC	END CURVATURE	S	SOUTH OR SLOPE
ECR	END CURB RETURN	SBE	SETBACK EASEMENT
EG	EXISTING GRADE	SCO	SANITARY SEWER CLEANOUT
ELEV	ELEVATION	SD	STORM DRAIN
EOC	EDGE OF CONCRETE	SDMH	STORM DRAIN MANHOLE
EP	EDGE OF PAVEMENT	SF	SQUARE FEET
EQ	EQUAL	SHT	SHEET
ESMT	EASEMENT	STA	STATION
EVC	END OF VERTICAL CURVATURE	SMH	SANITARY SEWER MANHOLE
FF	FINISHED FLOOR	SS	SANITARY SEWER
FFE	FINISHED FLOOR ELEVATION	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
FG	FINISHED GRADE	S/W	SIDEWALK
FH	FIRE HYDRANT	T	TANGENT
FL	FLOWLINE	TB	TOP OF BERM
FS	FINISHED SURFACE	TBC	TOP BACK OF CURB
FW	FIRE PROTECTION SERVICE WATER	TBW	TOP BACK OF WALK
GB	GRADE BREAK	TC	TOP OF CURB
GFL	GUTTER FLOWLINE	TF	TOP OF FOOTING
GSL	LIMITS OF GRAVITY SEWER	TG	TOP OF GRATE
GR	GRATE	TOE	TOE OF SLOPE
GV	GAS VALVE	TOP	TOP OF PIPE
HB	HOSE BIB	TOR	TOP OF RAMP
HP	HIGH POINT	TOS	TOP OF SLOPE
ICV	IRRIGATION CONTROL VALVE	TP	TOP OF PLANTER
INTX	POINT OF INTERSECTION	TS	TOP OF STAIRS
INV	INVERT	TW	TOP OF WALL
JP	JOINT POLE	TYP	TYPICAL
LE	LANDSCAPE EASEMENT	TP	TELEPHONE POLE
LF	LINEAR FEET	VC	VERTICAL CURVATURE
LIP	LIP OF GUTTER	W	WEST
LP	LOW POINT	WM	WATER MAIN
LT	LEFT	WV	WATER VALVE
MAX	MAXIMUM		
MH	MANHOLE		

LEGEND

SYMBOL	DESCRIPTION
RD	ROOF DRAIN POC 5' FROM BUILDING
G	GAS POC 5' FROM BUILDING
F	FIRE WATER POC 5' FROM BUILDING
W	DOMESTIC WATER POC 5' FROM BUILDING
SS	SANITARY SEWER POC 5' FROM BUILDING
D	STORM DRAIN MANHOLE
S	SANITARY SEWER MANHOLE
	DRAIN INLET
AD	AREA DRAIN
	TRENCH DRAIN
	CLEANOUT
	BLOW OFF
	FIRE HYDRANT
	VALVE
	POST INDICATOR VALVE (PIV)/CHECK VALVE (CHK VLV)/FIRE DEPARTMENT CONNECTION (FDC)
	CHECK VALVE (CHK VLV)
	FIRE DEPARTMENT CONNECTION (FDC)
	DOUBLE DETECTOR CHECK (DBL CHK)
	REDUCED PRESSURE (BFP)
	POST INDICATOR VALVE (PIV)
	THRUST BLOCK
	BENDS, TEE AND CROSS
	WATER METER

LINE TYPE	DESCRIPTION
	APPROXIMATE PROJECT LIMITS
	RIGHT OF WAY/ PROPERTY LINE
-X-X-X-X-X-X-X-X-X-X-X-	FENCE
	REMOVE EXISTING UTILITY
SS	EXISTING SEWER LINE
W	EXISTING WATER LINE
SD	EXISTING STORM DRAIN LINE
FW	EXISTING DEDICATED PRIVATE FIRE SERVICE
G	EXISTING NATURAL GAS SERVICE
E	EXISTING ELECTRICAL LINE / CONDUIT
T	EXISTING TELECOMMUNICATIONS LINE / CONDUIT
XXLF 6"SS S=X.XXX	SANITARY SEWER LINE
XXLF 6"DW PVC	DOMESTIC WATER LINE
XXLF 6"SD S=X.XXX	STORM DRAIN LINE (<8" DIAMETER)
XXLF 12"SD S=X.XXX	STORM DRAIN LINE (>8" DIAMETER)
	PERFORATED STORM DRAIN LINE
XXLF 8"FW PVC	DEDICATED PRIVATE FIRE SERVICE
XXLF GAS PVC	NATURAL GAS LINE
GB	GRADE BREAK LINE
>	FLOW LINE
	DAYLIGHT LINE

GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE AT ALL TIMES DURING CONSTRUCTION.

2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.

3. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS.

4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

5. CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPS, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPS OR EROSION AND SEDIMENT CONTROL PLAN.

6. IN AREAS WHERE SOIL IS EXPOSED, PROMPT REPLANTING WITH NATIVE COMPATIBLE, DROUGHT-RESISTANT VEGETATION SHALL BE PERFORMED. NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.

7. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.

8. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY OR MORE OFTEN AS NECESSARY.

9. CONTRACTOR SHALL PLACE GRAVEL/SAND BAGS AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE GRAVEL/SAND BAGS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.

10. CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS:
    A. SOLID WASTE MANAGEMENT:
    PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR REMOVAL AND DISPOSAL. CLEAR SITE OF TRASH INCLUDING ORGANIC DEBRIS, PACKAGING MATERIALS, SCRAP OR SURPLUS BUILDING MATERIALS AND DOMESTIC WASTE DAILY.

    B. MATERIAL DELIVERY AND STORAGE:
    PROVIDE A DESIGNATED MATERIAL STORAGE AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. STORE MATERIAL ON PALLETS AND PROVIDE COVERING FOR SOLUBLE MATERIALS. RELOCATE STORAGE AREA INTO BUILDING SHELL WHEN POSSIBLE. INSPECT AREA WEEKLY.

    C. CONCRETE WASTE:
    PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH-OUT. CONCRETE WASHOUT CANNOT BE WITHIN 50' MINIMUM OF DRAIN INLETS. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP ITS WASTE AND CLEAN ITS TRUCK INTO THE STORM DRAINS VIA CURB AND GUTTER. INSPECT DAILY TO CONTROL RUNOFF, AND WEEKLY FOR REMOVAL OF HARDENED CONCRETE.

    D. PAINT AND PAINTING SUPPLIES:
    PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING REDUCTION OF POLLUTANTS INCLUDING MATERIAL STORAGE, USE, AND CLEAN UP. INSPECT SITE WEEKLY FOR EVIDENCE OF IMPROPER DISPOSAL.

    E. VEHICLE FUELING, MAINTENANCE AND CLEANING:
    PROVIDE A DESIGNATED FUELING AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. DO NOT ALLOW MOBILE FUELING OF EQUIPMENT. PROVIDE EQUIPMENT WITH DRIP PANS. RESTRICT ONSITE MAINTENANCE AND CLEANING OF EQUIPMENT TO A MINIMUM. INSPECT AREA WEEKLY.

    F. HAZARDOUS WASTE MANAGEMENT:
    PREVENT THE DISCHARGE OF POLLUTANTS FROM HAZARDOUS WASTES TO THE DRAINAGE SYSTEM THROUGH PROPER MATERIAL USE, WASTE DISPOSAL AND TRAINING OF EMPLOYEES. HAZARDOUS WASTE PRODUCTS COMMONLY FOUND ON-SITE INCLUDE BUT ARE NOT LIMITED TO PAINTS & SOLVENTS, PETROLEUM PRODUCTS, FERTILIZERS, HERBICIDES & PESTICIDES, SOIL STABILIZERS, STABILIZATION PRODUCTS, ASPHALT PRODUCTS AND CONCRETE CURING PRODUCTS.

11. CONTRACTOR SHALL HYDROSEED ALL GRADED SLOPES. NATIVE SEED MIX SHALL BE 20% LANA PUBESCENT WHEAT GRASS, 40% BLANDO BROME, AND 40% ANNUAL RYE GRASS AND SHALL BE APPLIED AT A RATE OF 200 POUNDS PER ACRE. SOIL BINDING AGENT SHALL BE VERDYOL, SENTINEL, OR EQUAL, APPLIED AT A RATE OF 110 POUNDS PER ACRE. MULCH SHALL BE SILVER-FIBER, CONWED, OR EQUAL, APPLIED AT A RATE OF 1,000 POUNDS PER ACRE. FERTILIZER SHALL BE AGRI-FORM 16-7-12, BEST 16-6-8, OR EQUAL, APPLIED AT A RATE OF 500 POUNDS PER ACRE. THE CONTRACTOR SHALL WATER SEEDED AREAS OR RESEED AS NECESSARY TO ENSURE SUFFICIENT PLANT DEVELOPMENT FOR EROSION CONTROL.

12. NO GRADING SHALL BE DONE UNTIL SITE- AND SEASON-SPECIFIC SOIL LOSS AND HOUSEKEEPING STORMWATER BMPs HAVE BEEN APPROVED BY THE INSPECTOR. THE CONTRACTOR SHOULD EMPLOY THE DESIGN BMPs AND ANY OTHERS NEEDED AS SITUATIONS ARISE. CONTRACTOR SHOULD CONDUCT SITE INSPECTIONS BEFORE, DURING AND AFTER EACH EXTENDED STORM EVENT TO IDENTIFY CONDITIONS THAT MAY CONTRIBUTE TO EROSION AND SEDIMENT PROBLEMS OR ANY OTHER POLLUTANT DISCHARGES. IF ADDITIONAL CONTROL MEASURES ARE NEEDED, CONTRACTOR SHOULD IMPLEMENT THEM IMMEDIATELY.

POLLUTION PREVENTION NOTES

IN ORDER TO MEET THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM FOR CONSTRUCTION, CONSTRUCTION CONTRACTORS SHALL INSTALL AND MAINTAIN APPROPRIATE BEST MANAGEMENT PRACTICES (BMPS), AS SHOWN IN THE EROSION CONTROL PLAN AND IN ACCORDANCE WITH THE SWPPP (STORM WATER POLLUTION PREVENTION PLAN), ON ALL CONSTRUCTION PROJECTS. BMPS SHALL BE INSTALLED IN ACCORDANCE WITH INDUSTRY RECOMMENDED STANDARDS, AND/OR IN ACCORDANCE WITH ANY GENERAL CONSTRUCTION PERMIT ISSUED BY THE STATE FOR THE PROJECT TO PREVENT ANY DISCHARGES FROM THE PROJECT SITE OR INTO ANY STORM DRAIN FACILITIES. ALL SEDIMENTS, CONSTRUCTION MATERIALS, DEBRIS AND WASTES, AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, WIND, OR VEHICLE TRACKING. UNDER DIRECTION OF THE ENGINEER OF RECORD, EROSION AND/OR SEDIMENT CONTROL DEVICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS.

BMP MAINTENANCE NOTES

1. FOLLOWING OWNER ACCEPTANCE OF CONSTRUCTION WORK, POST CONSTRUCTION BEST MANAGEMENT PRACTICE (BMP) MEASURES SHALL BE MAINTAINED BY THE PROPERTY OWNER, INCLUDING BUT NOT LIMITED TO:

    1.1. ANNUAL INSPECTION, REPLACEMENT, AND/OR SEDIMENTATION REMOVAL OF VEGETATED SWALES, TREATMENT PONDS, AND OTHER SURFACE STORMWATER TREATMENT MEASURES AS REQUIRED WITH AN INCREASED FREQUENCY BASED ON SITE CONDITIONS.

    1.2. MAINTENANCE SERVICE AGREEMENT(S) OF STORMWATER TREATMENT VAULTS, INLETS, MANHOLES, AND OTHER DEVICES BASED ON MANUFACTURES' RECOMMENDATIONS AND FREQUENCY.

    1.3. ANNUAL INSPECTION OF PERMEABLE PAVEMENT AND REMOVAL OF SEDIMENT AS NEEDED.

    1.4. ANNUAL INSPECTION OF STORMWATER INLETS AND MAINTENANCE AS REQUIRED TO CLEAR GRATES AND INLETS OF DEBRIS.

    1.5. THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND WATER QUALITY MANAGEMENT PLAN (WQMP) MAY CONTAIN ADDITIONAL OR MORE STRINGENT MAINTENANCE REQUIREMENTS.

2. BMP DETAILS MAY BE FOUND IN APPENDIX H OF THE PROJECT SWPPP DOCUMENT. BMP DETAILS PER CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA) AND ARE AVAILABLE AT www.casqa.org.

3. FOR PROJECTS GREATER THAN 1 ACRE: THE CONTRACTOR SHALL VERIFY THE STATUS OF THE SWPPP/NOI/WDID PRIOR TO EARTHMOVING ACTIVITIES. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE PREPARED AND A NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) IN ACCORDANCE WITH THE REQUIREMENTS OF CALIFORNIA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (PERMIT NO. CAS000002) FOR ALL OPERATIONS ASSOCIATED WITH THESE PLANS. THE CONTRACTOR SHALL KEEP A COPY OF THE SWPPP ON SITE AND AVAILABLE FOR REVIEW.

AREA SUMMARY

TOTAL DISTURBED AREA = 3.8± ACRES

DEMOLITION NOTES

1. THE INTENT OF THE DEMOLITION PLAN IS TO DESCRIBE IN GENERAL THE DEMOLITION AREAS AFFECTED BY THE PROJECT CONSTRUCTION. IT IS NOT INTENDED AS A DETAILED DESCRIPTION OF EXISTING ITEMS OR ELEMENTS TO BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE AND REVIEW ANY AVAILABLE RECORD DOCUMENTS TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SHOULD INCLUDE THE REMOVAL OF ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE BINDING AS IF REQUIRED BY ALL TO THE EXTENT THAT IT IS REASONABLY INFERABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INTENDED RESULTS.

2. REMOVE EXISTING BUILDINGS, FOUNDATIONS AND SERVICE UTILITIES AS INDICATED ON PLANS. CAP ALL UTILITIES AT APPROPRIATE POINTS, ALL EXISTING ELECTRICAL / TELEPHONE / CATV UTILITIES SHALL BE REMOVED AS INDICATED OR BACK TO THE POINT WHERE THE SPECIFIC UTILITY SYSTEM ENTERS THE WORK AREA. COORDINATE DEMOLITION OF ALL UTILITIES WITH THE OWNER. ALL UTILITIES CONNECTED TO EXISTING BUILDINGS TO REMAIN SHALL CONTINUE TO BE OPERATIONAL DURING THE DEMOLITION PROCESS. DOMESTIC AND FIRE SERVICE WATER AND NATURAL GAS SHALL BE REMOVED TO A POINT OUTSIDE THE PERIMETER OF PROPOSED NEW CONSTRUCTION TO EXISTING VALVES OR SIMILAR SHUT-OFF DEVICES. IF A SHUT-OFF DEVICE IS NOT REASONABLY ADJACENT TO THE PERIMETER OF THE PROPOSED NEW CONSTRUCTION, PROVIDE A SHUT-OFF DEVICE IN BELOW-GRADE YARD BOX. CONFIRM LOCATION OF NEW DEVICES WITH OWNER PRIOR TO INSTALLATION. SANITARY SEWER AND STORM DRAINAGE SHALL BE CAPPED TO A POINT OUTSIDE THE PERIMETER OF THE PROPOSED NEW CONSTRUCTION. OTHER UTILITIES NOT SPECIFICALLY IDENTIFIED IN THESE DOCUMENTS AND NOT ANTICIPATED FOR REUSE SHALL BE REMOVED IN ENTIRETY.

3. FOR ALL EXISTING MATERIALS THAT CAN BE SALVAGED, OWNER HAS FIRST RIGHT OF REFUSAL FOR REMOVED ITEMS THAT MAY HAVE RESIDUAL COMMERCIAL OR HISTORIC VALUE INCLUDING HARDWARE, GLASS, CORNER STONES, TIME CAPSULES, LIGHT STANDARDS, SIGNS, FENCING, BENCHES, WATER FOUNTAINS, TRASH CONTAINERS, ETC. SHALL REMAIN AS PROPERTY OF THE OWNER. ALL ITEMS TO BE SALVAGED FOR REUSE/REINSTALLATION MUST MEET CURRENT CODE REQUIREMENTS. COORDINATE ITEMS TO BE RETAINED WITH OWNER AND REMOVE FROM CONSTRUCTION SITE TO A LOCATION APPROVED BY OWNER. REMOVED MATERIALS, NOT INDICATED OR DIRECTED TO BE SALVAGED FOR THE OWNER'S BENEFIT ARE DEBRIS AND BECOME THE CONTRACTOR'S PROPERTY UPON REMOVAL.

4. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS AND FIELD SURVEYS. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT, UTILITY COMPANIES, AND/OR FIELD VERIFY AND LOCATE ALL UTILITIES BEFORE PROCEEDING WITH WORK. THE CONTRACTOR IS ALSO REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. NOTIFY THE ENGINEER IF ADDITIONAL UTILITIES ARE LOCATED OR IF CONFLICTS ARE FOUND WITH EXISTING CONDITIONS.

5. ALL TREES TO BE REMOVED SHALL BE MARKED BY CONTRACTOR AND APPROVED FOR REMOVAL BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO REMOVING OR CUTTING TREE(S). EXISTING ROOTS SHALL BE GRINDED TO A DEPTH OF APPROXIMATELY 3-FEET. USE CAUTION WHILE GRINDING WHEN EXISTING UTILITIES ARE IN CLOSE PROXIMITY TO TREES. ALL TREES TO REMAIN WITHIN THE LIMIT OF WORK SHALL BE PROTECTED AND MAINTAINED PER SPECIFICATIONS AND DETAILS.

6. SAWCUT EXISTING CONCRETE AND ASPHALT TO AN EXISTING CONTROL JOINT WHERE POSSIBLE, AT MINIMUM TO A NEAT-STRAIGHT LINE. ALL DEBRIS SHALL BE HAULED OFFSITE TO A LEGAL DUMPING SITE OR SALVAGED FOR REUSE ON PROJECT AS NOTED.

7. WORK WITHIN CITY, COUNTY, OR STATE RIGHT-OF-WAY REQUIRES A SEPARATE ENCROACHMENT PERMIT WHICH THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING PRIOR TO STARTING WORK WITHIN RIGHT-OF-WAY.

8. CONTRACTOR TO COORDINATE UTILITY DEMOLITION WITH DRAINAGE AND UTILITY WORK SHOWN IN THIS PLAN SET. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED PER PROJECT SPECIFICATIONS.

9. EXISTING DRY UTILITIES SHOWN FOR DEMOLITION ARE SHOWN FOR COORDINATION ONLY. REFER TO OTHER DISCIPLINES FOR LIMITS AND DETAILS OF DEMOLITION.

10. THE CONTRACTOR SHALL RECYCLE CONSTRUCTION DEBRIS, ASPHALT, AND CONCRETE GENERATED FROM REMOVALS REQUIRED TO CONSTRUCT THE PROJECT. THE CONTRACTOR IS OBLIGATED, UNDER THIS CONTRACT, TO RECYCLE THE WASTE MATERIAL THROUGH AN APPROVED RECYCLING PLANT.

11. A LIST OF FACILITIES THAT ACCEPT CONSTRUCTION & DEMOLITION DEBRIS CAN BE FOUND ON THE CALRECYCLE WEBSITE AT: HTTPS://WWW.CALRECYCLE.CA.GOV/CONDEMO

12. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BUILDING FINISHES DURING DEMOLITION. ANY FINISH THAT IS DAMAGED DURING DEMOLITION SHALL BE REPAIRED OR REPLACED IN-KIND OR BETTER.

GENERAL NOTES TO CONTRACTOR

1. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY OWNERS FOR LOCATION, REMOVAL, AND/OR RELOCATION OF ANY UTILITY SERVICES AFFECTED BY CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT UNDERGROUND OR OVERHEAD STRUCTURES WHETHER OR NOT THEY ARE SHOWN ON THESE DRAWINGS.

2. THE CONTRACTOR SHALL NOTIFY THE PROJECT INSPECTOR AND THE RESPECTIVE UTILITY OWNERS AND OTHER AGENCIES AT LEAST TWO WORKING DAYS PRIOR TO START OF CONSTRUCTION.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING, VERIFYING LOCATIONS (BOTH HORIZONTAL AND VERTICAL), AND MAINTAINING ALL EXISTING UNDERGROUND UTILITIES, BOTH SHOWN ON THE PLANS AND/OR NOT SHOWN ON THE PLANS DURING CONSTRUCTION. REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS BECAUSE OF LOCATIONS OF EXISTING FACILITIES AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

4. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES AND/OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR COMPLETENESS OF THE LOCATION OR THE EXISTENCE, OR NON-EXISTENCE OF ANY UTILITY AND/OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OF RECORD AND/OR NOT OF RECORD SHOWN OR NOT SHOWN AND ANY OTHER LINE(S) OR STRUCTURE(S) NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF, AND/OR DAMAGE TO THESE LINE(S) AND/OR STRUCTURE(S).

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHORING AT PROPOSED BUILDING FOUNDATIONS, FOOTINGS, AND WALLS TO PROTECT EXISTING UTILITIES IN PLACE.

6. UNAUTHORIZED CHANGES AND USES - CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

7. THE CONTRACTOR SHALL MAINTAIN THE EXISTING ACCESSIBLE ROUTE CLEAR OR PROVIDE AN ALTERNATE ACCESSIBLE ROUTE OF TRAVEL DURING DEMOLITION AND/OR CONSTRUCTION.

8. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FIRE EXITS AND STAIRS CLEAR AND USABLE OR PROVIDE ALTERNATE FIRE EXITS DURING DEMOLITION AND/OR CONSTRUCTION.

EARTHWORK NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE GRADING PLANS AND SOILS REPORT THOROUGHLY PRIOR TO SITE MOBILIZATION. IT IS ALSO THE GRADING CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CIVIL AND SOILS ENGINEERS IF ONSITE DISCREPANCIES ARE OBSERVED THAT WOULD AFFECT THE EARTHWORK QUANTITIES.

2. THE EXISTING TOPOGRAPHY AS DELINEATED ON THESE DRAWINGS SHALL BE UTILIZED AS THE BASIS FOR ALL EARTHWORK COMPUTATIONS. SAID TOPOGRAPHY SHALL BE PRESUMED TO BE ACCEPTABLE TO ALL INTERESTED PARTIES UNLESS A DEVIATION IS FOUND PRIOR TO THE START OF GRADING IN ANY SPECIFIC AREAS. ANY DEVIATION SO DETERMINED SHALL BE PROMPTLY TRANSMITTED TO ALL INTERESTED PARTIES.

3. THE CONTRACTOR IS REQUIRED TO ESTIMATE THE QUANTITIES OF GRADING WORK TO BE DONE AND INCLUDE ALL COSTS THEREFROM WITH HIS BID, AS NO ADDITIONAL ALLOWANCE WILL BE MADE WITHOUT PRIOR CONSENT FROM THE OWNER.

4. OVER-EXCAVATION AND/OR EXCESS BACKFILLING OR DUPLICATION OF GRADING ACTIVITIES IS NOT A BASIS FOR ADDITIONAL COMPENSATION. THIS ALSO APPLIES WHERE MATERIAL IS TO BE REMOVED AND REPLACED TO REDUCE MOISTURE CONTENT.

5. OFF-SITE DISPOSAL OF EXCAVATION MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE BID. THE CONTRACTOR SHALL HOLD THE OWNER AND ENGINEER HARMLESS AS A RESULT OF ANY CLAIMS ARISING FROM THE ACTIONS ENROUTE OR AWAY FROM THE SITE.

6. EARTH VOLUMES SHOWN HEREON ARE ESTIMATES BASED UPON THE GEOTECHNICAL ANALYSIS PERFORMED BY THE NAMED SOILS ENGINEER AND TOPOGRAPHIC SURVEY OF THE EXISTING GROUND SURFACE AT THE TIME OF PLAN PREPARATION. EARTHWORK VOLUMES ARE COMPUTED BY METHODS COMMONLY USED IN STANDARD ENGINEERING PRACTICE, AND ARE INTENDED FOR USE IN ESTABLISHING GOVERNING AGENCY FEES. ACTUAL FIELD CONDITIONS MAY VARY FROM OBSERVED OR MEASURED CONDITIONS AT THE TIME OF PLAN PREPARATION. EARTHWORK QUANTITIES MAY VARY AS A RESULT.

7. ANY EXPORT OR IMPORT REQUIRED TO BALANCE THE SITE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

8. PAVEMENT AND SUBGRADE RECOMMENDATIONS RELATED TO OVER-EXCAVATION, PAVEMENT SUBGRADE, ETC., PER GEOTECHNICAL REPORT.

IMPORTANT NOTICE

1. ALL ASBESTOS CEMENT PIPE TO BE REMOVED SHALL BE SNAPPED, ENCAPSULATED, AND DISPOSED OF PER LOCAL, STATE, AND FEDERAL REGULATIONS.

2. DOMESTIC WATER SERVICE AND FIRE PROTECTION SHALL BE MAINTAINED DURING CONSTRUCTION. PROVIDE BYPASS LINES DURING CONSTRUCTION INCLUDING TIE-IN. COORDINATE ALL SHUT DOWNS OF WATER AND POWER WITH OWNER PRIOR TO CONSTRUCTION.

3. PURSUANT TO CALIFORNIA ASSEMBLY BILL 1953 ALL PIPE, FITTINGS, AND FIXTURES INTENDED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION THROUGH DRINKING WATER OR COOKING SHALL BE "LEAD FREE" AS OF JANUARY 1, 2010.

DEDICATED FIRE ACCESS

PORTIONS OF DEMOLITION MAY REQUIRE BLOCKING AND/OR OBSTRUCTING THROUGH ACCESS TO EMERGENCY / FIRE ACCESS VEHICLES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A FIRE WATCH SPECIALIST SERVICE FOR THE DURATION OF TIME THAT EMERGENCY / FIRE ACCESS VEHICLES ARE BLOCKED AND/OR OBSTRUCTED DURING CONSTRUCTION UNLESS EQUIVALENT ALTERNATE MEASURES ARE TAKEN TO ENSURE CONTINUOUS ACCESS TO EMERGENCY / FIRE ACCESS VEHICLES. CONTRACTOR TO COORDINATE THROUGH ACCESS TO EMERGENCY / FIRE ACCESS VEHICLES WITH THE LOCAL FIRE AUTHORITY HAVING JURISDICTION.

EARTHWORK QUANTITIES

APPROXIMATE CUT: <100 CY

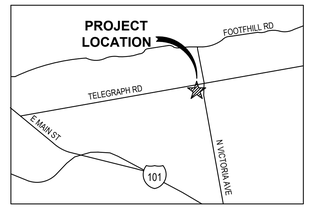
APPROXIMATE FILL: <100 CY

NOTE:
EARTHWORK QUANTITIES INDICATED ARE FOR REFERENCE ONLY (NOT FOR BID OR PAYMENT). THE CONTRACTOR IS RESPONSIBLE FOR ACTUAL QUANTITIES.

HAUL ROUTE TO BE DETERMINED AT PRE-GRADE MEETING AND ALL NECESSARY PERMITS SHALL BE OBTAINED BY THE GENERAL CONTRACTOR

VICINITY MAP

NTS



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CIVIL SHEET INDEX

C0.01	CIVIL NOTES
C0.02	EXISTING CONDITIONS
C0.03	EXISTING CONDITIONS
C1.01	DEMOLITION & EROSION CONTROL PLAN
C1.02	DEMOLITION PLAN
C2.01	GRADING, PAVING, STORM DRAIN & DETAILS PLAN
C2.02	GRADING, PAVING, STORM DRAIN & DETAILS PLAN

DIG ALERT NOTICE

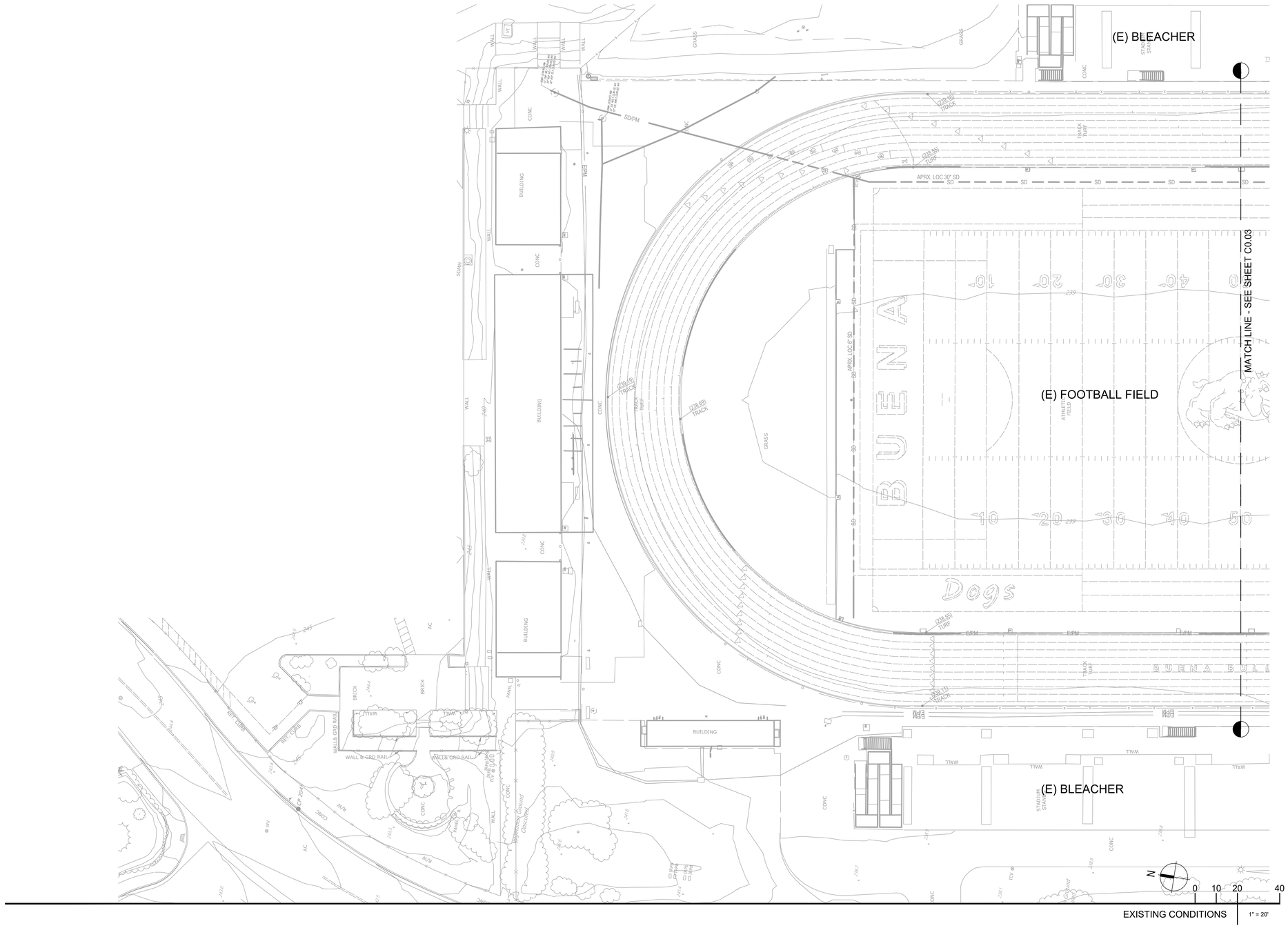
PURSUANT TO THE CALIFORNIA GOVERNMENT CODE SECTION 4216, NO EXCAVATION PERMIT IS VALID UNLESS DIG ALERT HAS BEEN CONTACTED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF EXCAVATION AND AN INQUIRY IDENTIFICATION NUMBER HAS BEEN ISSUED.

INQUIRY ID# _____

DIGALERT 811 Know what's below. Call 811 before you dig.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

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STATE OF CALIFORNIA

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BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

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VENTURA, CA 93003

Developed for
VENTURA UNIFIED SCHOOL DISTRICT

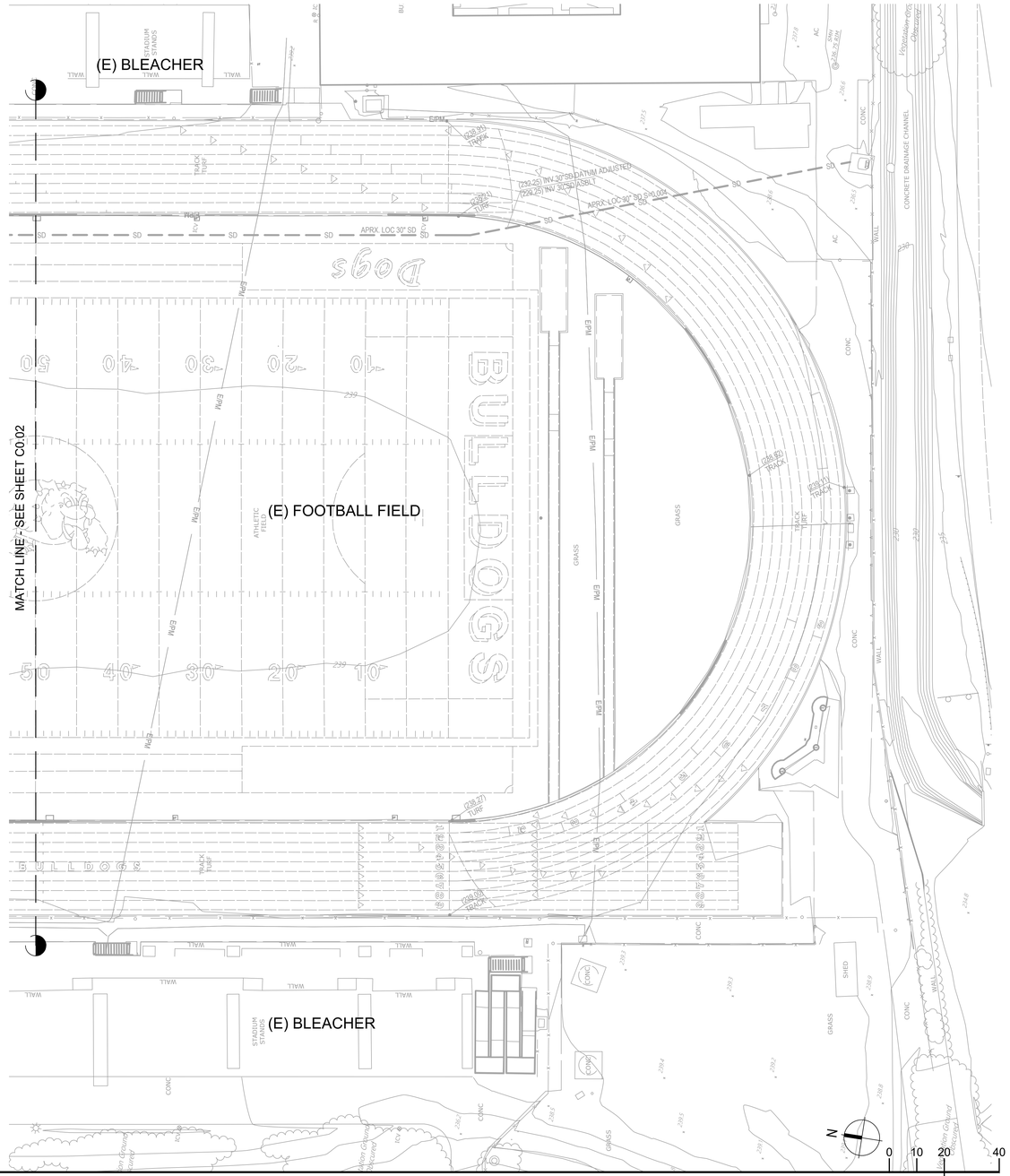
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	AS SHOWN

EXISTING CONDITIONS

C0.02



EXISTING CONDITIONS 1" = 20'

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DATE: 05/20/2025

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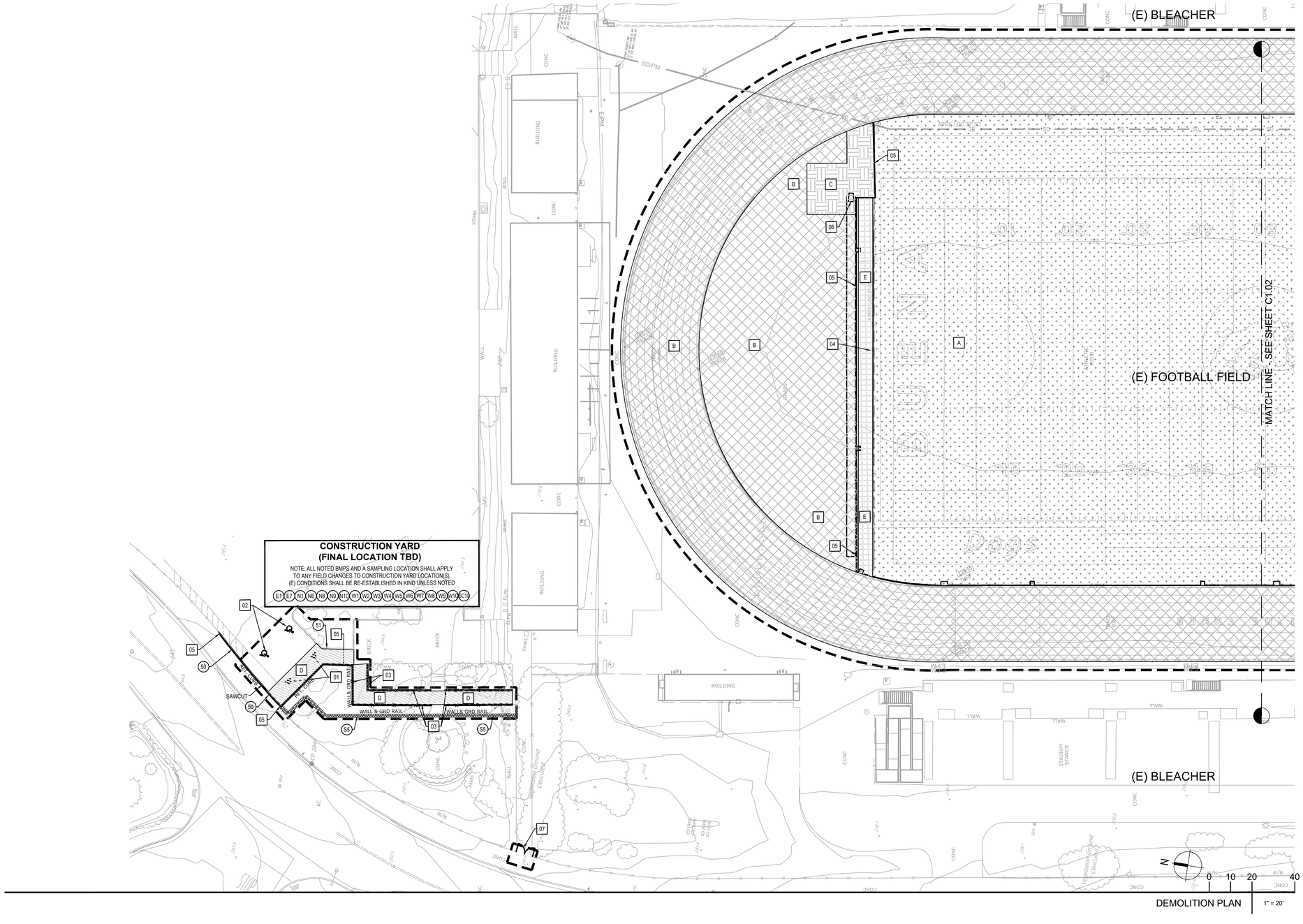
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DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/01/2025

Job Number	32210
Checked By	MM | CA
Scale	AS SHOWN

EXISTING CONDITIONS

C0.03



DEMOLITION LEGEND

LABEL	DESCRIPTION
A	REMOVE (E) SYNTHETIC TURF. PROTECT (E) PERMEABLE BASE, AND SUBGRADE. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
B	REMOVE AND REPLACE (E) RUBBERIZED TRACK SURFACING. PROTECT (E) AC UNDER TRACK AND BASE. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
C	REMOVE AND REPLACE (E) RUBBERIZED TRACK SURFACING, AC, AND BASE. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
D	REMOVE (E) CONCRETE PAVEMENT/SIDEWALK/CURBS.
E	REMOVE (E) PERMEABLE BASE, SUBGRADE, AND SYNTHETIC TURF. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
	APPROXIMATE LIMIT OF WORK LINE.

DEMOLITION KEYNOTES

KEY NOTE	DESCRIPTION
01	REMOVE (E) SIGNS AND FOOTINGS.
02	REMOVE (E) PARKING STALL STRIPING
03	REMOVE (E) RETAINING WALL, GUARD RAIL, AND FOOTING.
04	REMOVE (E) GOAL POST AND FOOTING.
05	REMOVE (E) CURB.
06	REMOVE (E) TRACK MISC.
07	REMOVE (E) GATE AND FOOTINGS.

PROTECTION KEYNOTES

KEY NOTE	DESCRIPTION
50	PROTECT (E) FENCE
51	PROTECT (E) CURB

EROSION CONTROL NOTES

-SEE SHEET C0.01 FOR EROSION AND SEDIMENT CONTROL NOTES.

-SEE SHEET C0.01 FOR BMP MAINTENANCE NOTES.

-ALL BMPS PER CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA)(UNLESS NOTED OTHERWISE) AND ARE AVAILABLE AT www.casqa.org.

-BMPS "NOT" CALLED OUT PER PLAN, ARE SHOWN FOR REFERENCE AS BMP OPTIONS PER QSP (QUALIFIED SWPPP PRACTITIONER) FIELD RECOMMENDATIONS.

-AT THE COMPLETION OF PROJECT, CONTRACTOR SHALL REMOVE ALL CONSTRUCTION BMPS FROM SITE AND DISPOSE IN A LEGAL MANNER.

LEGEND

SYMBOL	DESCRIPTION
	GRAVEL BAGS AND/OR SANDBAGS PER BMP KEYNOTES
	FIBER ROLL
	APPROXIMATE LIMIT OF GRADING

EROSION CONTROL BMPs:

KEY NOTE	DESCRIPTION
E1	EC-1, SCHEDULING
E7	EC-7, GEOTEXTILES AND MATS

SEDIMENT CONTROL BMPs:

S5	SE-5, FIBER ROLLS

TRACKING CONTROL BMPs:

T1	TC-1, STABILIZED CONSTRUCTION ENTRANCE/EXIT
T2	TC-2, STABILIZED CONSTRUCTION ROADWAY
T3	TC-3, ENTRANCE/OUTLET TIRE WASH

NON-STORMWATER MANAGEMENT CONTROL BMPs:

N1	NS-1, WATER CONSERVATION PRACTICES
N6	NS-6, ILLICIT CONNECTION/DISCHARGE
N7	NS-7, POTABLE WATER/IRRIGATION
N8	NS-8, VEHICLE AND EQUIPMENT CLEANING
N9	NS-9, VEHICLE AND EQUIPMENT FUELING
N10	NS-10, VEHICLE AND EQUIPMENT MAINTENANCE
SC1	SC-10, NON-STORMWATER DISCHARGES

WIND EROSION CONTROL BMPs:

WE	WE-1, WIND EROSION CONTROL

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs:

W1	WM-1, MATERIAL DELIVERY AND STORAGE
W2	WM-2, MATERIAL USE
W3	WM-3, STOCKPILE MANAGEMENT
W4	WM-4, SPILL PREVENTION AND CONTROL
W5	WM-5, SOLID WASTE MANAGEMENT
W6	WM-6, HAZARDOUS WASTE MANAGEMENT
W7	WM-7, CONTAMINATED SOIL MANAGEMENT
W8	WM-8, CONCRETE WASTE MANAGEMENT
W9	WM-9, SANITARY/SEPTIC WASTE MANAGEMENT
W10	WM-10, LIQUID WASTE MANAGEMENT

STORM WATER STORAGE OR CONTAINMENT

W#	STORMWATER STORAGE (E.G. BIORETENTION) OR CONTAINMENT (E.G. CISTERN)

DISCHARGE LOCATIONS

D#	DISCHARGE LOCATION

SAMPLING LOCATIONS

B#	POLLUTANT SAMPLE LOCATION - BACKGROUND SAMPLE
C#	POLLUTANT SAMPLE LOCATION - CONTRACTORS YARD
S#	POLLUTANT SAMPLE LOCATION - SITE
R#	POLLUTANT SAMPLE LOCATION - RUN-ON

NOTE:
THE SAMPLE LOCATIONS SHOWN ARE THE MINIMUM REQUIREMENT FOR THE PROJECT SITE AND RISK LEVEL X. SAMPLE LOCATIONS MAY BE RELOCATED IF FIELD CONDITIONS WILL NOT ALLOW FOR SATISFACTORY SAMPLING. ANY ADJUSTMENTS TO SAMPLING LOCATIONS MUST MEET THE INTENDED PURPOSE ORIGINALLY DESIGNATED FOR THAT LOCATION AND MUST BE DOCUMENTED WITH A SWPPP AMENDMENT FORM.

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BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD
VENTURA, CA 93003

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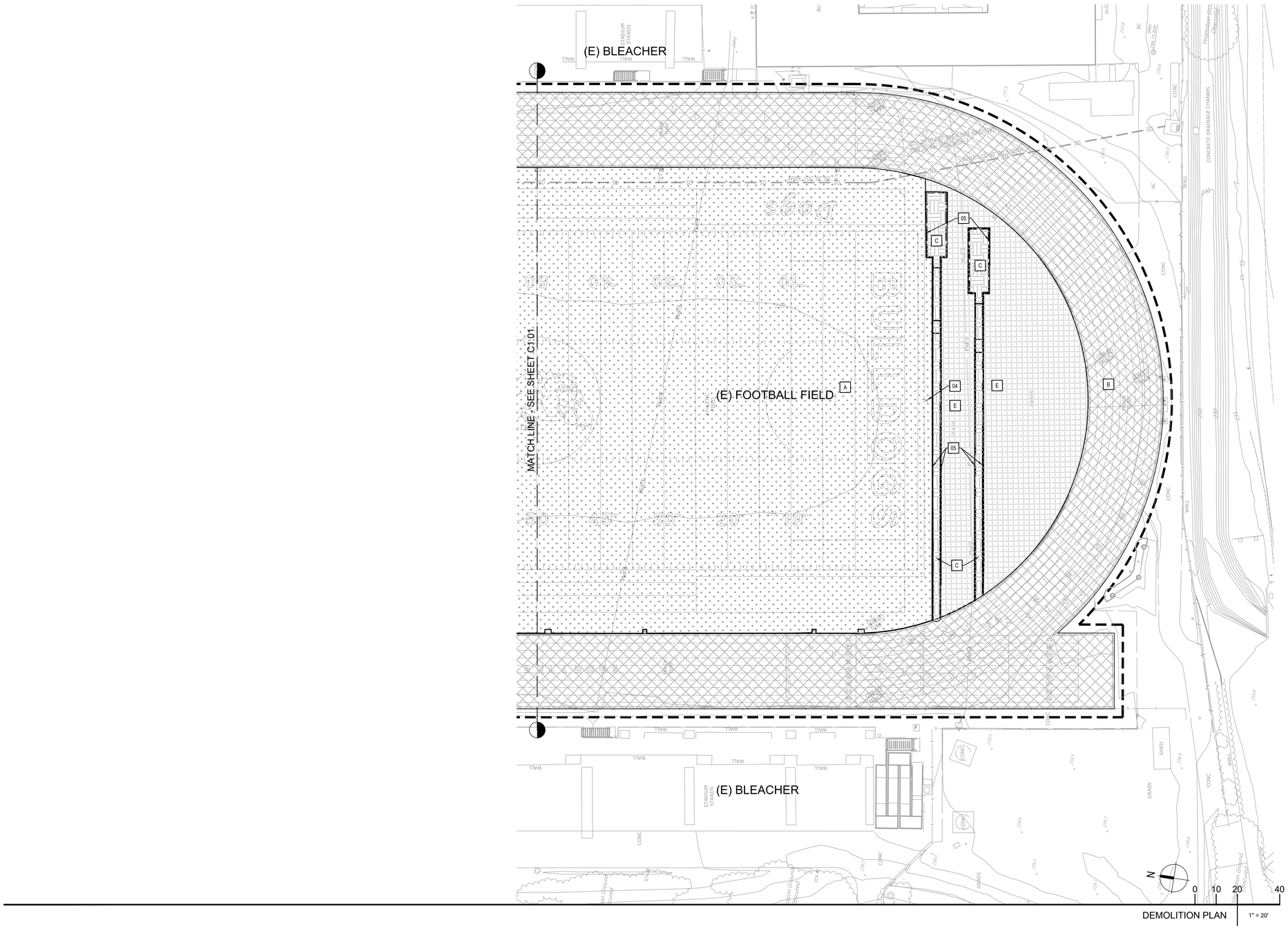
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/01/2025

Job Number	32210
Checked By	MM | CA
Scale	AS SHOWN

DEMOLITION & EROSION CONTROL PLAN

C1.01



DEMOLITION PLAN 1" = 20'

DEMOLITION LEGEND

LABEL	DESCRIPTION
A	REMOVE (E) SYNTHETIC TURF. PROTECT (E) PERMEABLE BASE, AND SUBGRADE. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
B	REMOVE AND REPLACE (E) RUBBERIZED TRACK SURFACING. PROTECT (E) AC UNDER TRACK AND BASE. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
C	REMOVE AND REPLACE (E) RUBBERIZED TRACK SURFACING, AC, AND BASE. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
D	REMOVE (E) CONCRETE PAVEMENT/SIDEWALK/CURBS.
E	REMOVE (E) PERMEABLE BASE, SUBGRADE, AND SYNTHETIC TURF. SEE LANDSCAPE PLANS FOR IMPROVEMENTS.
	APPROXIMATE LIMIT OF WORK LINE.

DEMOLITION KEYNOTES

KEY NOTE	DESCRIPTION
01	REMOVE (E) SIGNS AND FOOTINGS.
02	REMOVE (E) PARKING STALL STRIPING
03	REMOVE (E) RETAINING WALL, GUARD RAIL, AND FOOTING.
04	REMOVE (E) GOAL POST AND FOOTING.
05	REMOVE (E) CURB.
06	REMOVE (E) TRACK MISC.
07	REMOVE (E) GATE AND FOOTINGS.

PROTECTION KEYNOTES

KEY NOTE	DESCRIPTION
50	PROTECT (E) FENCE
51	PROTECT (E) CURB

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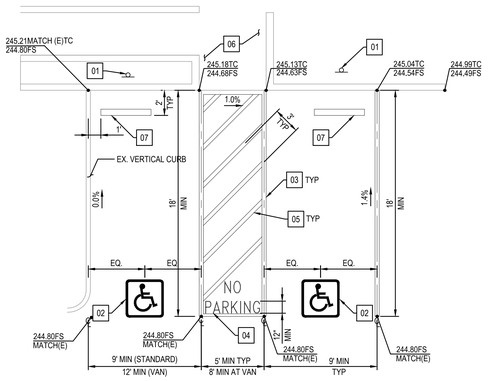
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DEMOLITION PLAN

C1.02



ACCESSIBLE PARKING STALLS - PERPENDICULAR | NTS | 20

01 ACCESSIBLE PARKING SIGN. CENTERED ON PARKING STALL. SEE DETAIL 16 THIS SHEET.

02 INTERNATIONAL SYMBOL OF ACCESSIBILITY EMBLEM. CENTERED AT END OF PARKING STALL. SEE DETAIL 12 THIS SHEET.

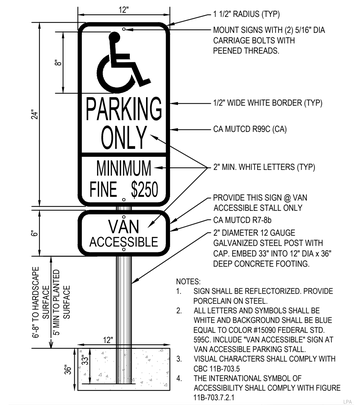
03 LOADING AND UNLOADING ZONE. ACCESS AISLE BORDER PAINTED BLUE (COLOR NO. 15090 PER FEDERAL STD. NO. 595C) STRIPING, 4" WIDE

04 WITHIN THE ACCESSIBLE LOADING AISLE PAINT THE WORDS "NO PARKING" IN 12" HIGH LETTERS, WHITE PAINT

05 ACCESS AISLE MARKED WITH 4" WIDE WHITE HATCHED LINES.

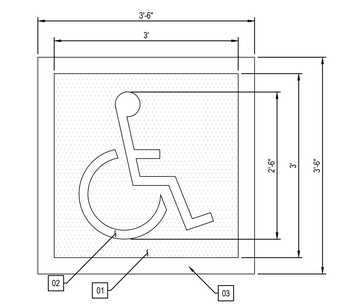
06 RAMP/SIDEWALK PER LANDSCAPING.

07 PRE-CAST CONCRETE WHEEL STOP. SEE DETAIL 03 THIS SHEET.



NOTES:
1. SIGN SHALL BE REFLECTORIZED. PROVIDE PORCELAIN ON STEEL.
2. ALL LETTERS AND SYMBOLS SHALL BE WHITE AND BACKGROUND SHALL BE BLUE EQUAL TO COLOR #15090 FEDERAL STD. 595C. INCLUDE "VAN ACCESSIBLE" SIGN AT VAN ACCESSIBLE PARKING STALL.
3. VISUAL CHARACTERS SHALL COMPLY WITH CBC 11B-703.5
4. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 11B-703.7.2.1

ACCESSIBLE PARKING SIGN | NTS | 16



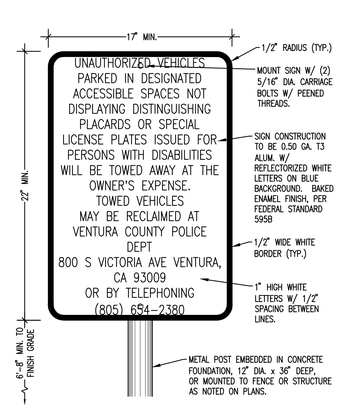
01 BLUE BACKGROUND CONFORMING TO FEDERAL STANDARD 595C COLOR FS 15090

02 2" WIDE WHITE REFLECTORIZED PAINT STRIPING. PER CBC FIGURE 11B-703.7.2.1

03 WHITE REFLECTORIZED PAINT STRIPING

NOTES:
A. STENCIL ONE SYMBOL ONTO PARKING SURFACE IN EACH ACCESSIBLE STALL.
B. LOCATE PER ACCESSIBLE PARKING STALL DETAIL.
C. ALL LINES WHITE ON BLUE BACKGROUND.

INTERNATIONAL SYMBOL OF ACCESSIBILITY | NTS | 12



UNAUTHORIZED VEHICLE SIGN | NTS | 08

GRADING LEGEND

APPROXIMATE LIMIT OF WORK LINE.

PAVING LEGEND

SYMBOL	DESCRIPTION
30	AC TRACK PAVEMENT ASPHALT PAVING 4" THICK @ TRACK. COMPRISED OF A TWO LIFT SYSTEM (2.5" BASE LIFT, TACK COAT, AND 1.5" TOPPING LIFT).

PAVING NOTES:

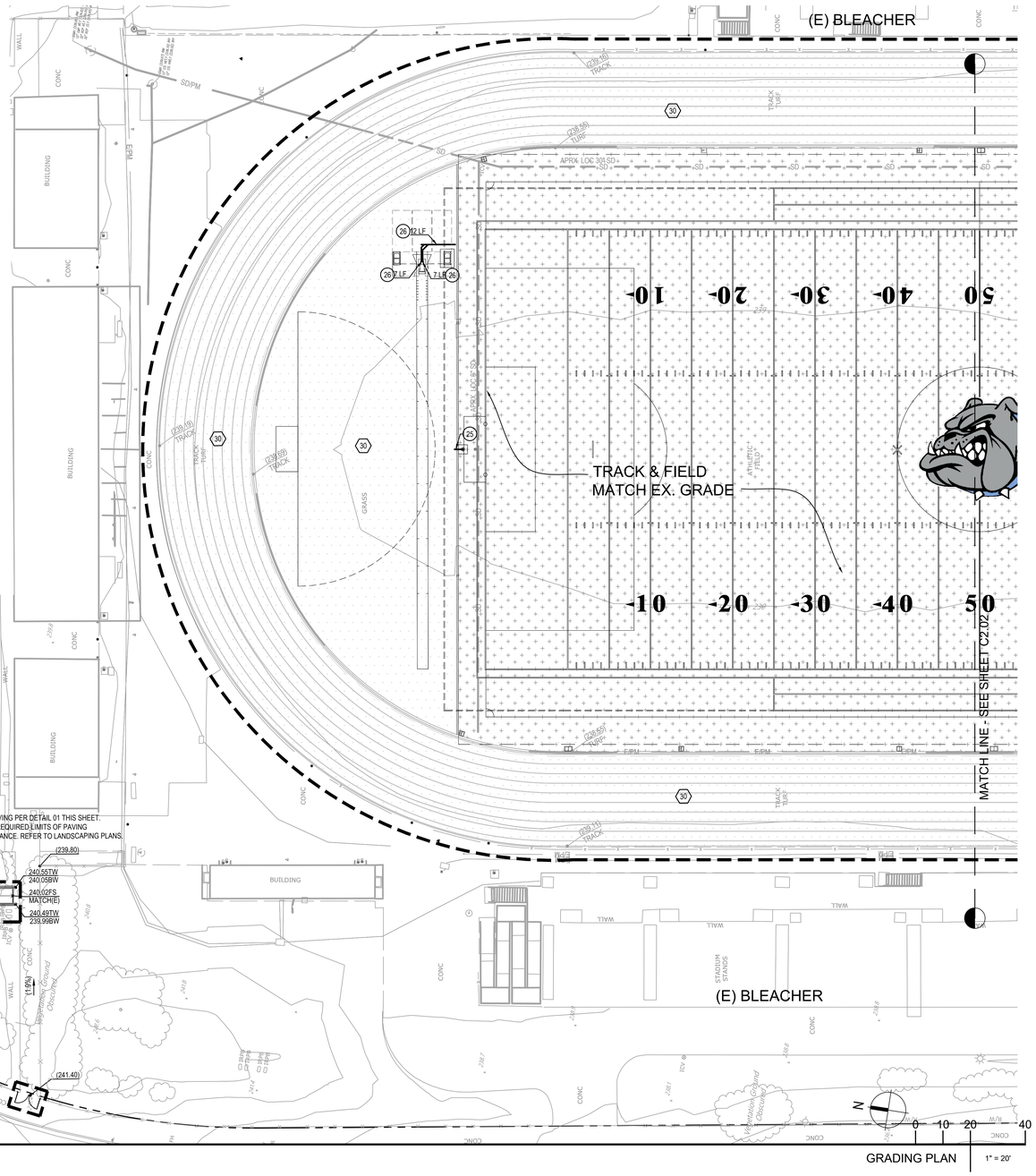
1. SEE LANDSCAPE PLANS FOR PAVERS, LOCATION AND TYPE OF CONCRETE WALKS AND HARDSCAPE INCLUDING DETAILS FOR CONCRETE FINISHES, CONTROL JOINTS AND EXPANSION JOINTS.
2. VERIFY ALL VEHICULAR AND NON-VEHICULAR LIMITS WITH LANDSCAPE PLANS.

STORM DRAIN CONSTRUCTION NOTES

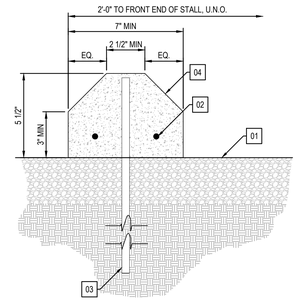
KEY NOTE	DESCRIPTION
25	SUPPLY AND INSTALL 1" SCH 40 SPORT FIELD GOAL POST BOX DRAIN PIPE S=0.010 MIN. CONNECT TO STORM DRAIN OR DAYLIGHT INTO PERMEABLE BASE. SEE DETAIL 17 SHEET L5.05.
26	SUPPLY AND INSTALL 1" SCH 40 SPORT FIELD POLE VAULT DRAIN PIPE S=0.010 MIN. CONNECT TO STORM DRAIN OR DAYLIGHT INTO PERMEABLE BASE. SEE DETAIL 13 SHEET L5.04.

NOTES:

1. UTILITIES TO CROSS OVER OR UNDER OTHER UTILITIES TO MAINTAIN 12" MINIMUM CLEARANCE AT UTILITY CROSSINGS, UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL VERIFY SIZE AND LOCATION (HORIZONTAL AND VERTICAL) OF EXISTING CROSSING AND JOINING UTILITIES PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICT.
3. CONTRACTOR SHALL CONSTRUCT GRAVITY UTILITIES (SEWER AND STORM DRAIN) BEFORE OTHER UTILITIES. CONSTRUCTION OF THESE GRAVITY UTILITIES TO START FROM THE DOWNSTREAM ENDS.
4. EXISTING UTILITIES ARE COMPILED BASED ON PREVIOUS BASE FILES, FIELD SURVEY AND FIELD VERIFICATION. POTHOLING IS RECOMMENDED TO VERIFY ANY AND ALL UTILITIES KNOWN OR UNKNOWN WHICH MAY BE IN CONFLICT WITH PROPOSED CONSTRUCTION.
5. PRIOR TO THE REMOVAL OF ANY WET OR DRY UTILITY LINES, THE CONTRACTOR SHALL CONFIRM WITH OWNER REPRESENTATIVE WHETHER THESE UTILITY LINES ARE STILL ACTIVE OR NOT. IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICT.
6. CONTRACTOR TO ADJUST TO FINISHED GRADE ALL EXISTING UTILITY BOXES, STORM DRAIN CLEANOUT COVERS, PULL BOXES AND VALVE COVERS NOT SPECIFICALLY SHOWN WITHIN THE LIMITS OF WORK.
7. SAWCUT, REMOVE AND REPLACE EXISTING CURB AS REQUIRED FOR TRENCHING. MATCH EXISTING CURB.
8. ALL PRECAST DRAIN INLETS TO HAVE AN APPROVED "NO DUMPING DRAINS TO RIVER" 3" X 5½" ROUNDED CORNERED RECTANGLES STYLE #NDR OR 4" DIAMETER ROUND STYLE #SDR ABRASION AND UV RESISTANT DURACAST STYLE MARKER BY DAS MANUFACTURING OR EQUIVALENT APPLIED TO THE CONCRETE COLLAR AROUND DRAIN INLET USING RAPID SET URETHANE ADHESIVE OR QUICKSTIK EPOXY PUTTY ADHESIVE PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
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GRADING PLAN | 1" = 20'



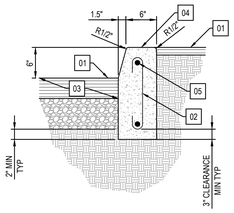
01 FINISHED SURFACE

02 (2) #3 REBAR CONTINUOUS TYP

03 #4 x 18" REBAR AT EACH END

04 PRE-CAST CONC. WHEEL STOP 4'-0" LONG AT SINGLE STALL, 6'-0" LONG AT STALLS SHARED

PRE-CAST CONCRETE WHEEL STOP | NTS | 03



NOTES:
- EXPANSION JOINTS AND CONTROL JOINTS PER SSPWC SECTION 303-5 SHALL BE PLACED IN CURB ALIGNED WITH HARDSCAPE JOINTING PER LANDSCAPE DRAWINGS (EXCEPTION: CONTROL JOINTS SHALL BE MAXIMUM 10.0' INTERVALS).

01 FINISHED SURFACE / FINISHED GRADE

02 #3 REBAR @ 36" OC

03 CONCRETE PAVEMENT: NATURAL GRAY, 3000 PSI MIN, MED BROOM FINISH

04 SLOPE 1/4" PER FOOT

05 (2) #4 REBAR CONTINUOUS TYP

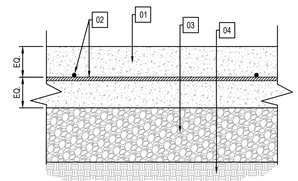
VERTICAL CURB | NTS | 02

01 CONCRETE PAVING: PEDESTRIAN: 4" THICK

02 REINFORCEMENT: PEDESTRIAN: #3 REBAR 12" O.C., E.W.

03 BASE COURSE: PEDESTRIAN: 6" THICK

04 COMPACTED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS



NOTES:
A. CONCRETE COLOR AND FINISH PER LANDSCAPE PLANS.
B. CONTROL JOINTS AND EXPANSION JOINTS PER CA BLDG CODE.
C. PROVIDE DOWELS WHERE NEW CONCRETE TIES INTO (E) PER CA BLDG CODE.
D. DO NOT ALLOW CONCRETE OVER-POUR INTO ADJACENT PLANTERS.

CONCRETE PAVING | NTS | 01

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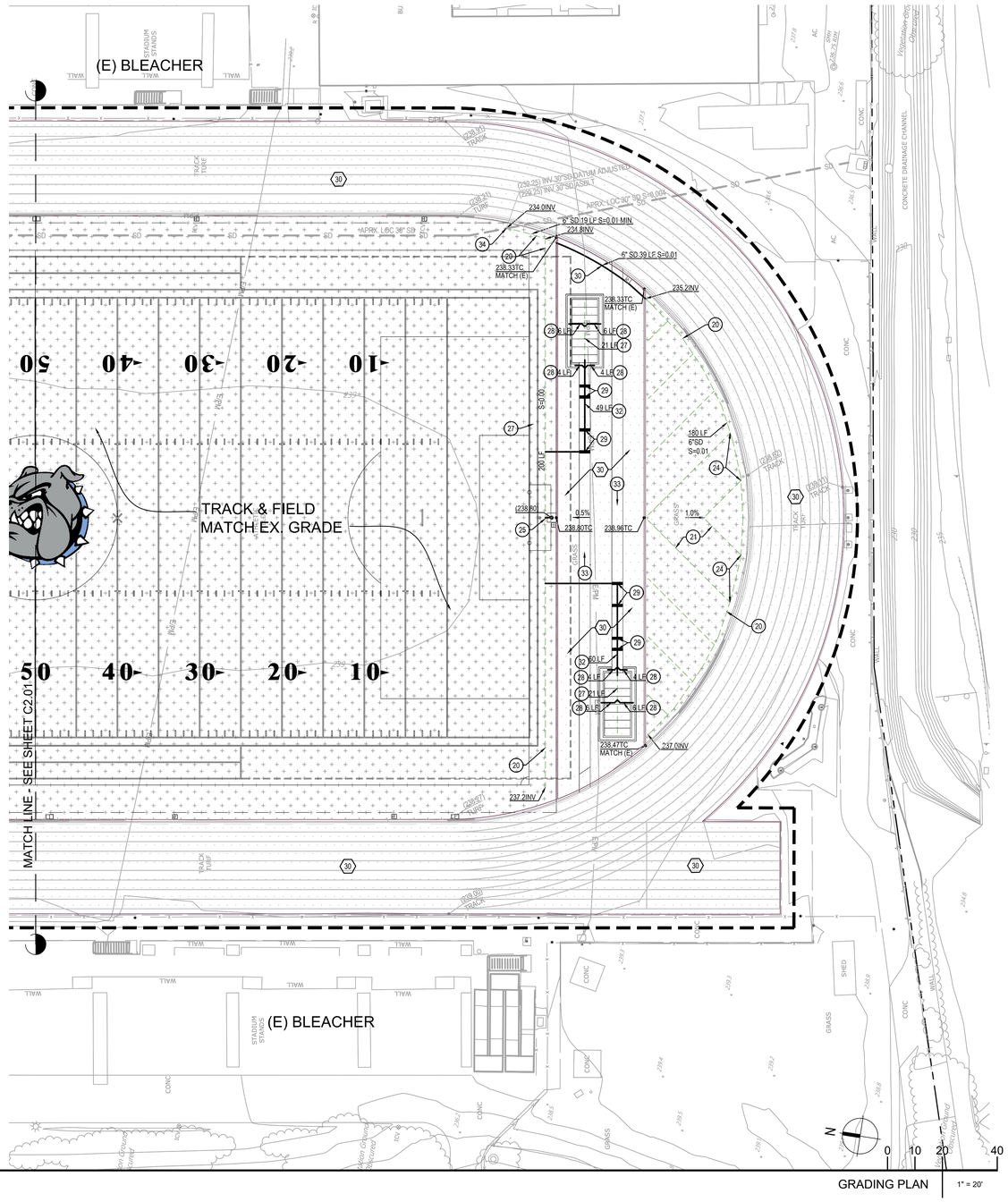
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DSA SUBMITTAL #2	04/07/2025

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Scale	AS SHOWN

GRADING, PAVING, STORM DRAIN & DETAILS PLAN

C2.01



GRADING PLAN 1" = 20'

GRADING LEGEND

APPROXIMATE LIMIT OF WORK LINE.

PAVING LEGEND

SYMBOL	DESCRIPTION
30	AC TRACK PAVEMENT ASPHALT PAVING 4" THICK @ TRACK. COMPRISED OF A TWO LIFT SYSTEM (2.5" BASE LIFT, TACK COAT, AND 1.5" TOPPING LIFT).

PAVING NOTES:

1. SEE LANDSCAPE PLANS FOR PAVERS, LOCATION AND TYPE OF CONCRETE WALKS AND HARDSCAPE INCLUDING DETAILS FOR CONCRETE FINISHES, CONTROL JOINTS AND EXPANSION JOINTS.
2. VERIFY ALL VEHICULAR AND NON-VEHICULAR LIMITS WITH LANDSCAPE PLANS.

STORM DRAIN CONSTRUCTION NOTES

KEY NOTE	DESCRIPTION
20	SUPPLY AND INSTALL 6" PERFORATED HDPE SUBDRAIN PER DETAIL 01 SHEET C7.01.
21	SUPPLY AND INSTALL FIELD SUBDRAINS 12" MULTI-FLOW FLAT DRAIN 15' ON CENTER PER DETAIL 05 SHEET L5.03.
22	NOT USED.
23	NOT USED.
24	TERMINATE STORM DRAIN WITHIN FIELD PERIMETER SUBDRAIN TRENCH. LEAVE END OPEN AND COVER WITH CLEAN DRAIN ROCK. SEE DETAIL 05 SHEET L5.03.
25	SUPPLY AND INSTALL 1" SCH 40 SPORT FIELD GOAL POST BOX DRAIN PIPE S=0.010 MIN. CONNECT TO STORM DRAIN OR DAYLIGHT INTO PERMEABLE BASE. SEE DETAIL 17 SHEET L5.05.
26	SUPPLY AND INSTALL 1" SCH 40 SPORT FIELD POLE VAULT DRAIN PIPE S=0.010 MIN. CONNECT TO STORM DRAIN OR DAYLIGHT INTO PERMEABLE BASE. SEE DETAIL 13 SHEET L5.04.
27	SUPPLY AND INSTALL LONG JUMP PIT PERFORATED DRAIN PIPE. SEE DETAIL 06 SHEET L5.04.
28	CONNECT TO LONG JUMP SAND TRAP PERIMETER DRAIN.
29	CONNECT TO LONG JUMP TAKE OFF BOARD PER LANDSCAPE DETAIL SHEET.
30	SUPPLY AND INSTALL 6" PVC STORM DRAIN AT S=0.010 MIN.
31	SUPPLY AND INSTALL 2" PVC STORM DRAIN AT S=0.010 MIN.
32	SUPPLY AND INSTALL 4" PVC STORM DRAIN AT S=0.010 MIN.
33	DIRECTION OF RUN SLOPE MAX 1:1,000
34	CONNECT TO EXISTING STORM DRAIN. CONTRACTOR TO VERIFY EXISTING MANHOLE INVERTS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST. ENSURE EXISTING STORM DRAIN OUTLET IS FREE OF DEBRIS AND EXISTING SYSTEM FLOW IS UNOBSTRUCTED. ANY DEBRIS SHALL BE DISPOSED OF AT NO EXPENSE TO THE OWNER.

NOTES:

1. UTILITIES TO CROSS OVER OR UNDER OTHER UTILITIES TO MAINTAIN 12" MINIMUM CLEARANCE AT UTILITY CROSSINGS, UNLESS NOTED OTHERWISE.
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6. CONTRACTOR TO ADJUST TO FINISHED GRADE ALL EXISTING UTILITY BOXES, STORM DRAIN CLEANOUT COVERS, PULL BOXES AND VALVE COVERS NOT SPECIFICALLY SHOWN WITHIN THE LIMITS OF WORK.
7. SAWCUT, REMOVE AND REPLACE EXISTING CURB AS REQUIRED FOR TRENCHING. MATCH EXISTING CURB.
8. ALL PRECAST DRAIN INLETS TO HAVE AN APPROVED "NO DUMPING DRAINS TO RIVER" 3" X 5½" ROUNDED CORNERED RECTANGLES STYLE #NDR OR 4" DIAMETER ROUND STYLE #SDR ABRASION AND UV RESISTANT DURACAST STYLE MARKER BY DAS MANUFACTURING OR EQUIVALENT APPLIED TO THE CONCRETE COLLAR AROUND DRAIN INLET USING RAPID SET URETHANE ADHESIVE OR QUICKSTIK EPOXY PUTTY ADHESIVE PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
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GRADING, PAVING, STORM DRAIN & DETAILS PLAN

C2.02

ABBREVIATIONS

&	AND	GA.	GAUGE
∠	ANGLE	GALV.	GALVANIZED
@	AT	GND.	GROUND
℄	CENTERLINE	GR.	GRADE
Ø	DIAMETER OR ROUND		
#	POUND OR NUMBER	HDR	HEADER
		HT.	HEIGHT
ADJ.	ADJACENT		
AGGR.	AGGREGATE	LT.	LIGHT
AL.	ALUMINUM		
APPROX.	APPROXIMATE	MAX.	MAXIMUM
ARCH.	ARCHITECTURAL	MET.	METAL
AC.	ASPHALT	MFR.	MANUFACTURER
ACC.	ACCESSIBLE	MIN.	MINIMUM
		MTD.	MOUNTED
B.C.R.	BEGINNING OF CURVE RADIUS	MTL.	MATERIAL
B.O.C.	BACK OF CURB		
B.O.W.	BOTTOM OF WALL	N.I.C.	NOT IN CONTRACT
B.O.S.	BOTTOM OF SLOPE	N.T.S.	NOT TO SCALE
BLDG.	BUILDING		
BLK.	BLOCK	O.C.	ON CENTER
		O.D. (DIM.)	OUTSIDE DIAMETER
C.E.	CIVIL ENGINEER		
C.I.P.	CAST IN PLACE		
CLKG.	CAULKING	PA	PLANTING AREA
CMU.	CONCRETE MASONRY UNIT	PED.	PEDESTRIAN
CONC.	CONCRETE	PRCST.	PRECAST
CONSTR.	CONSTRUCTION	P.I.P.	POURED IN PLACE
CONT.	CONTINUOUS	P.O.T.	POINT OF TANGENCY
CTR.	CENTER	P.T.S.	POST TENSION SLAB
D.A.	DISABLED ACCESS	QTY	QUANTITY
DET.	DETAIL		
DIA.	DIAMETER	R.	RISER
DIM.	DIMENSION	RAD.	RADIUS
DN.	DOWN	REINF.	REINFORCED
DWGS.	DRAWINGS	REQ.	REQUIRED
E.J.	EXPANSION JOINT	SCHED.	SCHEDULE
EL.	ELEVATION	SHT.	SHEET
ELEC.	ELECTRICAL	SPEC.	SPECIFICATION
EQ.	EQUAL	S.S.	STAINLESS STEEL
EXP.	EXPANSION	STD.	STANDARD
EXT.	EXTERIOR	STRL.	STRUCTURAL
F.G.	FINISH GRADE	T.	TREAD
F.S.	FINISH SURFACE	T.C.	TOP OF CURB
F.O.B.	FACE OF BUILDING	T.O.S.	TOP OF SLOPE
F.O.C.	FACE OF CURB	T.O.W.	TOP OF WALL
F.O.W.	FACE OF WALL	TYP.	TYPICAL
		TBD.	TO BE DETERMINED
		VEH.	VEHICULAR
		VERT.	VERTICAL
		W/	WITH
		W/O	WITHOUT

PLANTING NOTES

1. REFER TO CIVIL ENGINEER'S DRAWINGS FOR UTILITY LOCATIONS, TREE SUBDRAINAGE STUBOUTS, (IF REQUIRED), AND FINAL GRADING. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECT'S DRAWINGS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AUTHORIZED REPRESENTATIVE AND LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
2. VERIFY LOCATIONS OF ALL PERTINENT EXISTING AND PROPOSED SITE IMPROVEMENTS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTION PRIOR TO COMMENCING WORK.
3. EXACT LOCATIONS OF PLANT MATERIALS SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION IN FIELD.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLANT COUNTS AND SQUARE FOOTAGES. QUANTITIES SHOWN ON PLANS TAKE PRECEDENCE OVER WRITTEN QUANTITIES IN "PLANTING LEGEND."
5. PROVIDE MATCHING FORMS AND SIZES FOR ALL PLANT MATERIALS WITHIN EACH SPECIES AND SIZE DESIGNATED ON THE DRAWINGS.
6. PRUNE NEWLY PLANTED TREES ONLY AS DIRECTED BY LANDSCAPE ARCHITECT.
7. ALIGNED AND EQUALLY SPACED. IN ALL DIRECTIONS, ALL SHRUBS TO BE AS DESIGNATED PER THESE NOTES AND DRAWINGS.
8. ALL TREES IN ROWS TO BE ALIGNED. (UNLESS NOTED OTHERWISE ON PLANS)
9. TREES SHALL BEAR SAME RELATION TO FINISH GRADE AS AT PLACE OF GROWTH.
10. FINISH GRADES OF ALL TURF AREAS SHALL BE (1") BELOW ADJACENT CURB OR PAVEMENT. FINISH GRADES OF ALL SHRUB AREAS SHALL BE (2-1/2") BELOW ADJACENT CURB, PAVEMENT OR HEADER.
11. CONTRACTOR SHALL SUBMIT FOR APPROVAL COLOR PHOTOS OF ALL TREES, SHRUBS, AND GROUNDCOVER. PHOTOS SHOULD INCLUDE A PERSON FOR SCALE PURPOSES, PHOTOS SHALL BE OF THE ACTUAL PLANT MATERIAL TO BE USED ON THE PROJECT. ALL PLANT MATERIAL SHALL BE OF A QUALITY AS DETERMINED BY THE LANDSCAPE ARCHITECT. MATERIAL FOUND UNSUITABLE FOR THE DESIGN OR SPECIFICATION INTENT WILL BE REJECTED.
12. PROVIDE A (3") LAYER OF MULCH AT PROPOSED TREE, SHRUB, AND GROUNDCOVER PLANTING AREAS, EXCEPT AREAS WITH JUTE MESHING.
13. CONTRACTOR SHALL CONDUCT AGRICULTURAL SUITABILITY AND FERTILITY SOILS TESTING PER SOIL PREPARATION SPECIFICATION. ANALYSIS SHALL INCLUDE RECOMMENDATIONS FOR SOIL PREPARATION AND BACKFILL MIX AS WELL AS RECOMMENDATIONS FOR POST MAINTENANCE FERTILIZATION. SUBMIT SOILS ANALYSES AND SAMPLES OF AMENDMENTS TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO SOIL PREPARATION.
14. QUANTITIES LISTED ON PLANT LEGEND ARE PER SHEET. CONTRACTOR MUST VERIFY QUANTITIES GIVEN ON THE PLANS WITH ACTUAL QUANTITIES SHOWN.
15. PROVIDE ROOT BARRIERS IN ADDITION TO THOSE INDICATED ON THE PLANS FOR ALL TREES WITHIN 5' OF ANY HARDSCAPE.
16. NOT INSTALL WATERING BASINS AROUND TREES WHEN PLANTED IN TURF. PROVIDE A CIRCULAR TURF-FREE ZONE TO OUTSIDE EDGE OF ROOTBALL. PLACE ONLY 2-INCHES OF WOOD MULCH IN THIS AREA AND NO CLOSER THAN 4-INCHES FROM TRUNK.
17. PLANT ALL TREES A MIN. OF 5' FROM ANY UTILITIES. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCING WORK.
18. TREES ARE TO BE A MINIMUM OF 5' AWAY FROM ANY HARDSCAPE SUCH AS CURBS, WALKS, ETC.
19. LANDSCAPE MAINTENANCE PERIOD IS 90 DAYS.
20. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LAYOUT AND MATERIALS NOTES

1. THE CONTRACTOR SHALL LAYOUT AND FIELD VERIFY ALL DIMENSIONS OF DRIVEWAY, PLANTERS, WALKS, SLOPES AND RELATED WORK PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
2. REFER TO THE CIVIL ENGINEER'S DRAWINGS FOR PROPOSED UTILITY INFORMATION INCLUDING STORM DRAIN, SEWER, WATER, ELECTRICAL, GAS, TELEPHONE AND CABLE TV.
3. REFER TO CITY AND/OR COUNTY STANDARD PLANS AND SPECIFICATIONS WHERE APPLICABLE.
4. VERIFY SITE INFORMATION, INCLUDING PROPERTY LINES, EXISTING ABOVE GROUND AND BELOW GROUND UTILITIES AND STRUCTURES, AND OTHER INFORMATION AFFECTING THE SCOPE OF WORK INCLUDED ON THESE DRAWINGS. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECT'S DRAWINGS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AUTHORIZED REPRESENTATIVE AND THE LANDSCAPE ARCHITECT FOR DIRECTION ON HOW TO PROCEED.
5. EXCAVATION IN THE VICINITY OF UTILITIES AND EXISTING MATERIALS SHALL BE UNDERTAKEN WITH CARE. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK. ANY DAMAGE CAUSED BY ANY PERSON, VEHICLE, EQUIPMENT, OR TOOL RELATED TO THE EXECUTION OF THE CONTRACT SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION REQUIRED TO ACCOMPLISH ALL CONSTRUCTION OPERATIONS. ALL PIPING, CONDUIT, SLEEVES, ETC., SHALL BE SET IN PLACE PRIOR TO INSTALLATION OF CONSTRUCTION ITEMS.
7. CONTRACTOR SHALL BE RESPONSIBLE TO CONSULT WITH SITE SUPERINTENDENT, APPROPRIATE AGENCIES AND PLANS, FOR THE LOCATIONS OF ALL UNDER-GROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
8. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS, AREA DISCREPANCIES AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATIONS.
9. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS THAT ARE DAMAGED DURING CONSTRUCTION.
10. PRIOR TO INSTALLATION OF ANY CONSTRUCTION ITEM, FORMS WITH STEEL IN PLACE AND COMPACTED SUBGRADE COMPLETE, SHALL BE OBSERVED AND REVIEWED BY THE LANDSCAPE ARCHITECT.
11. ALL WALLS AND WALKS SHOULD HAVE SMOOTH, CONTINUOUS CURVES AS INDICATED ON PLANS.
12. ALL PROPERTY LINES, LOT LINES, AND TOP OF SLOPE LINES SHALL BE VERIFIED PRIOR TO COMMENCING WORK.
13. ALL ELECTRICAL JUNCTION BOXES FOR LIGHTS SHALL BE IN PLANTING AREAS AND LOCATION REVIEWED BY THE LANDSCAPE ARCHITECT. STAKE LOCATION PRIOR TO INSTALLATION.
14. SEE CIVIL ENGINEER'S DRAWINGS FOR CURBS AND A/C PAVING.
15. REFER TO CIVIL ENGINEER'S DRAWINGS FOR ELEVATIONS AND LOCATION OF DRAINAGE STRUCTURES PRIOR TO INSTALLATION OF WALKS, FOOTINGS AND OTHER STRUCTURES.
16. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION. IF NOTES ON THE PLANS DIFFER FROM THE GEOTECHNICAL REPORT, PROVIDE THE MOST STRINGENT REQUIREMENT.
17. RAISE ALL VAULTS/UTILITIES BOXES TO GRADE WITHIN LIMITS OF WORK. FIELD VERIFY PRIOR TO BID.

LANDSCAPE GRADING AND DRAINAGE NOTES

1. REFER TO CIVIL ENGINEER'S GRADING PLANS FOR SITE GRADING, DRAINAGE, AND UTILITY LOCATIONS. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECT'S DRAWINGS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AUTHORIZED REPRESENTATIVE AND LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
2. REFER TO CIVIL ENGINEER'S DRAWINGS FOR SUBDRAINAGE POINT OF IN CONNECTION TO STORM DRAIN.
3. THE CONTRACTOR SHALL REQUEST OBSERVATION AS REQUIRED 48 HOURS ADVANCE OF PERFORMING WORK.
4. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA 800/227-2600) OR DIG ALERT (800-422-4133) 48 HOURS PRIOR TO ANY EXCAVATION.
5. ALL GRADING OPERATIONS SHALL CONFORM TO LOCAL GUIDELINES.
6. FIELD VERIFY EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION.
7. NO CHANGE IN CONTRACT PRICE WILL BE ALLOWED FOR ACTUAL OR CLAIMED DISCREPANCY BETWEEN EXISTING GRADE AND THOSE SHOWN ON PLANS AFTER CONTRACTOR HAS ACCEPTED EXISTING GRADES AND MOVED ONTO THE SITE.
8. ALL PROPOSED GRADES ARE TO MEET AND BLEND IN WITH EXISTING GRADING AT PROJECT LIMIT AND EXISTING SIDEWALK. PRECISE ELEVATIONS INDICATED ON PLANS TO BE VERIFIED IN FIELD TO AS-BUILT CONDITION.
9. THE DEBRIS CREATED BY LANDSCAPE GRADING OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF-SITE.
10. FINAL LANDSCAPE GRADING SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION OF PLANTING.

GENERAL NOTES

1. BASE INFORMATION INCLUDING THE LOCATION OF PROPERTY LINES, EASEMENTS, BUILDINGS, ROADS AND CURBS HAVE BEEN TAKEN FROM THE CIVIL ENGINEER'S DRAWINGS. REFER TO CIVIL ENGINEER'S DRAWINGS FOR ADDITIONAL INFORMATION.
2. REFER TO THE CIVIL ENGINEER'S DRAWINGS FOR PROPOSED UTILITY INFORMATION INCLUDING STORM DRAIN, SEWER, WATER, ELECTRICAL, GAS, TELEPHONE AND CABLE TV.
3. REFER TO CITY AND/OR COUNTY STANDARD PLANS AND SPECIFICATIONS WHERE APPLICABLE.
4. VERIFY SITE INFORMATION, INCLUDING PROPERTY LINES, EXISTING ABOVE GROUND AND BELOW GROUND UTILITIES AND STRUCTURES, AND OTHER INFORMATION AFFECTING THE SCOPE OF WORK INCLUDED ON THESE DRAWINGS. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECT'S DRAWINGS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AUTHORIZED REPRESENTATIVE AND THE LANDSCAPE ARCHITECT FOR DIRECTION ON HOW TO PROCEED.
5. EXCAVATION IN THE VICINITY OF UTILITIES AND EXISTING MATERIALS SHALL BE UNDERTAKEN WITH CARE. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK. ANY DAMAGE CAUSED BY ANY PERSON, VEHICLE, EQUIPMENT, OR TOOL RELATED TO THE EXECUTION OF THE CONTRACT SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION REQUIRED TO ACCOMPLISH ALL CONSTRUCTION OPERATIONS. ALL PIPING, CONDUIT, SLEEVES, ETC., SHALL BE SET IN PLACE PRIOR TO INSTALLATION OF CONSTRUCTION ITEMS.
7. CONTRACTOR SHALL BE RESPONSIBLE TO CONSULT WITH SITE SUPERINTENDENT, APPROPRIATE AGENCIES AND PLANS, FOR THE LOCATIONS OF ALL UNDER-GROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
8. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS, AREA DISCREPANCIES AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATIONS.
9. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS THAT ARE DAMAGED DURING CONSTRUCTION.
10. PRIOR TO INSTALLATION OF ANY CONSTRUCTION ITEM, FORMS WITH STEEL IN PLACE AND COMPACTED SUBGRADE COMPLETE, SHALL BE OBSERVED AND REVIEWED BY THE LANDSCAPE ARCHITECT.
11. ALL WALLS AND WALKS SHOULD HAVE SMOOTH, CONTINUOUS CURVES AS INDICATED ON PLANS.
12. ALL PROPERTY LINES, LOT LINES, AND TOP OF SLOPE LINES SHALL BE VERIFIED PRIOR TO COMMENCING WORK.
13. ALL ELECTRICAL JUNCTION BOXES FOR LIGHTS SHALL BE IN PLANTING AREAS AND LOCATION REVIEWED BY THE LANDSCAPE ARCHITECT. STAKE LOCATION PRIOR TO INSTALLATION.
14. SEE CIVIL ENGINEER'S DRAWINGS FOR CURBS AND A/C PAVING.
15. REFER TO CIVIL ENGINEER'S DRAWINGS FOR ELEVATIONS AND LOCATION OF DRAINAGE STRUCTURES PRIOR TO INSTALLATION OF WALKS, FOOTINGS AND OTHER STRUCTURES.
16. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION. IF NOTES ON THE PLANS DIFFER FROM THE GEOTECHNICAL REPORT, PROVIDE THE MOST STRINGENT REQUIREMENT.
17. RAISE ALL VAULTS/UTILITIES BOXES TO GRADE WITHIN LIMITS OF WORK. FIELD VERIFY PRIOR TO BID.

SHEET INDEX

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LANDSCAPE SCOPE OF WORK

1. SYNTHETIC TRACK AND FIELD REPLACEMENT
2. SITEWORK INCLUDING CONCRETE HARDSCAPE
3. PLANTING AND IRRIGATION

MATERIALS KEYNOTE LEGEND

MATERIALS KEYNOTE LEGEND

NOTE	DESCRIPTION	DET/ SHT	COLOR / FINISH
01	CONCRETE PAVING	01/ L5.01	NATURAL GRAY/ MEDIUM BROOM
02	TRUNCATED DOME PAVERS	09/ L5.01	FEDERAL YELLOW (A-40) FINISH
03	CONCRETE RETAINING CURB	11/ L5.01	NATURAL GRAY/ SMOOTH TROWEL
04	CONCRETE RAMP	01/ L5.01	NATURAL GRAY/ MEDIUM BROOM
05	HANDRAIL AT RAMP	01/ L5.02	GALVANIZED
06	CHAINLINK DOUBLE SWING GATE	17/ L5.02	GALVANIZED

ATHLETIC KEYNOTES

NOTE	DESCRIPTION	DET/ SHT	COLOR / FINISH
A01	RUBBERIZED TRACK SURFACING	04/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A02	SYNTHETIC TURF SURFACING	01/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A03	POLE VAULT LAYOUT	09/ L5.04	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A04	LONG JUMP / TRIPLE JUMP LAYOUT	01/ L5.04	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A05	FOOTBALL GOAL POST	17/ L5.05	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A06	SOCCER LAYOUT	04/ L5.05	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A07	CONCRETE CURB @ D-ZONE	08/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A08	QCV BOX	06/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A09	ELEC BOX	13/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A10	COM BOX	07/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01

REFERENCE KEYNOTE LEGEND

NOTE	DESCRIPTION	DET/ SHT	COMMENTS
A	EXISTING PAVING		PROTECT IN PLACE
B	EXISTING CURB		PROTECT IN PLACE
C	EXISTING WALL		PROTECT IN PLACE
D	EXISTING FENCE		PROTECT IN PLACE
E	EXISTING UTILITY		PROTECT IN PLACE
F	EXISTING TREE		PROTECT IN PLACE
G	A.C. PAVING	PER CIVIL	
H	ADA SIGNAGE	16/ C2.01	
J	PAVEMENT STRIPING	20/ C2.01	
K	WHEEL STOP	03/ C2.01	
L	ADA EMBLEM	12/ C2.01	
M	ZERO CURB FACE	02/ C2.01	
N	UNAUTHORIZED VEHICLE SIGN	08/ C2.01	
O	CONCRETE VERTICAL CURB	02/ C2.01	

GENERAL IRRIGATION NOTES

GENERAL: DUE TO MINOR IMPACTS ANTICIPATED TO EXISTING IRRIGATION SYSTEM, A DETAILED IRRIGATION PLAN WILL NOT BE PROVIDED TO CONTRACTOR FOR USE IN BIDDING AND CONSTRUCTING OF THIS PROJECT. THEREFORE, CONTRACTOR WILL BE REQUIRED IN HIS BID TO SELECTIVELY DEMOLISH, DESIGN, REPAIR, AND ADJUST EXISTING IRRIGATION SYSTEM TO ACCOMMODATE NEW IMPROVEMENTS PER THIS CONTRACT.

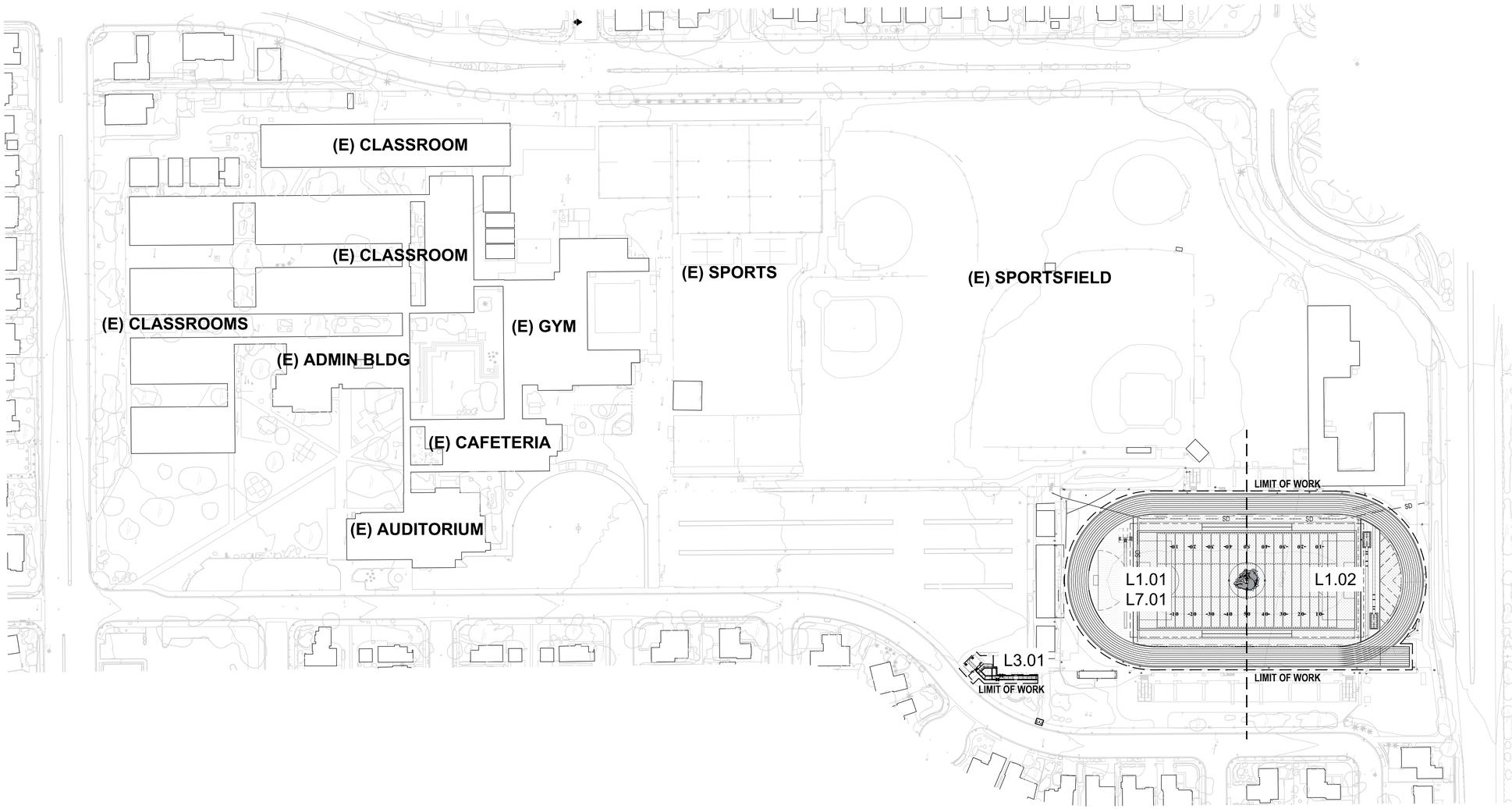
1. IT IS RECOMMENDED THAT CONTRACTOR VISIT AND BECOME FAMILIAR WITH EXISTING SITE CONDITIONS PRIOR TO PLACING BID.
2. FAMILIARIZE YOURSELF WITH ADJACENT EXISTING IRRIGATION SYSTEM THAT IS TO BE PROTECTED IN PLACE. CONTRACTOR IS RESPONSIBLE FOR DAMAGE OR ADJUSTMENTS REQUIRED TO EXISTING ADJACENT IRRIGATION SYSTEM, INCLUDING REPLACING OR RELOCATING IRRIGATION LINES, SPRAYHEADS, VALVES, WIRES, ETC.
3. PROTECT EXISTING IRRIGATION SYSTEM IN PLACE DURING CONSTRUCTION. REPAIR DAMAGED IRRIGATION OR INOPERABLE IRRIGATION TO A FULLY AUTOMATED 100% OPERABLE SYSTEM. RESTORE IRRIGATION ROTORS, ROTATING NOZZLES AND SPRAY HEADS TO PROVIDE PROVIDE "HEAD-TO-HEAD" COVERAGE. REPLACE IMPACT HEADS WITH A MORE EFFICIENT PRODUCT. RESTORE DRIP OR BUBBLER IRRIGATION, SO THAT EACH EMITTER IS FULLY OPERATIONAL AND SECURED TO PROPERLY SATURATE THE INTENDED PLANT MATERIAL.
4. ADJUST EXISTING IRRIGATION SYSTEM WITHIN LIMITS OF WORK AS REQUIRED TO ACCOMMODATE NEW HARDSCAPE AND PLANTING REVISIONS AS NOTED ON THESE PLANS. ADJUST EXISTING IRRIGATION SYSTEM AS REQUIRED TO ACCOMMODATE NEW PLANT MATERIAL. REPLACE HEADS AS NECESSARY TO ARCHIVE A HEAD TO HEAD SPRAY PATTERN WITHOUT OVERSPRAY ON ANY IMPERMEABLE SURFACES.
5. USE PROPER GROUNDING TECHNIQUES WHEN GROUNDING IRRIGATION CONTROLLER AND ITS RELATED EQUIPMENT. ADHERE TO MANUFACTURERS SPECIFICATIONS, AS NEEDED.
6. INSTALL PVC SLEEVING TWICE THE DIAMETER OF PIPE CARRIED WHEN LOCATED UNDER PAVING. USE SCHEDULE 40 PIPE AND SIZE AS REQUIRED TO EASILY PULL CONTROL WIRE THROUGH. INSTALL SLEEVES WITH AT A MINIMUM DEPTH OF 24". EXTEND SLEEVES AT LEAST 12" PAST EDGE OF PAVING. CAP ENDS AS REQUIRED.
7. INSTALL QUICK COUPLERS AND REMOTE CONTROL VALVES IN SHRUB OR GROUNDCOVER AREAS WHENEVER POSSIBLE. THE EDGE OF THE QUICK COUPLER AND REMOTE CONTROL VALVE BOXES SHALL BE NO CLOSER THAN 12-INCHES FROM ANY ADJACENT HARDSCAPE OR VERTICAL SURFACE.
8. FOR EXISTING PLANTERS, PROVIDE 100% "HEAD-TO-HEAD" COVERAGE WHERE DESIGN DICTATES. ADJUST HEADS TO PREVENT OVERSPRAY ONTO BUILDINGS, WALLS, UTILITIES, LIGHTING AND HARDSCAPE. THIS INCLUDES ADJUSTMENT OF DIFFUSER PINS OR ADJUSTMENT SCREWS, REPLACEMENT OF PRESSURE COMPENSATING SCREENS, REPLACEMENT OF NOZZLES WITH MORE APPROPRIATE RADIUS UNITS AND REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC NOZZLES.

GENERAL IRRIGATION NOTES (CONTINUED)

9. DO NOT DISRUPT EXISTING IRRIGATION SYSTEM DURING CONSTRUCTION NOR AUTOMATIC PROGRAMMED WATERING SCHEDULES DURING CONSTRUCTION.
10. STAKE LOCATIONS (WOOD STAKES WITH BLACK INK ID MARKS) OF PROPOSED IRRIGATION EQUIPMENT TO INCLUDE BUT NOT BE LIMITED TO ABOVE GROUND ELEMENTS SUCH AS IRRIGATION CONTROL VALVE BOXES, WYE STRAINER BOXES (IF ANY), FLUSH VALVE BOXES (IF ANY), AIR VACUUM RELIEF VALVE BOXES (IF ANY), QUICK COUPLER VALVE BOXES, ISOLATION VALVE BOXES, MASTER VALVE BOXES, BACKFLOW ASSEMBLIES, FERTILIZER INJECTORS (IF ANY), INCLUDING MAINLINE AND LATERAL PIPE ROUTING AND OBTAIN LANDSCAPE ARCHITECT'S AND OWNER'S REPRESENTATIVE APPROVAL OF PROPOSED LAYOUT PRIOR TO INSTALLATION.
11. REPLACE EXISTING IRRIGATION CONTROLLER WITH A SMART CONTROLLER TO MEET CURRENT MWELO CODE. RECONNECT EXISTING REMOTE CONTROL VALVE WIRES TO THE CONTROLLER COMPLETE. REPROGRAM THE CONTROLLER WITH OWNER REPRESENTATIVE. CONFIRM PROPER CONTROLLER OPERATION AND INSTALLATION WITH LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK AND UPON COMPLETION OF WORK.
12. CONFIRM THE AMOUNT OF STATIONS ON EXISTING IRRIGATION CONTROLLER(S) PRIOR TO OBTAINING THE REPLACEMENT CONTROLLER(S) FOR PROPER CAPACITY SIZING.
13. USE ADJUSTABLE ARC NOZZLES ROTATING NOZZLES FOR IRRIGATION LOCATED IN AREAS WHERE A STANDARD ARC PATTERN WOULD OVERSPRAY ONTO ADJACENT BUILDING, UTILITY, LIGHTING, WALLS OR PAVING. ENSURE THAT ADJUSTABLE ARC NOZZLES HAVE SAME RADIUS AND A SIMILAR PRECIPITATION RATE AND THROW OF THE NOZZLES BEING REPLACED.
14. FOR NEW PLANTING AREAS PROVIDE IN-LINE DRIP SYSTEM. PROVIDE CORRECT TUBING/VALVES AS REQUIRED AND CONNECT COMPLETE TO THE IRRIGATION CONTROLLER. PROGRAM THE STATION(S) DURATION AND FREQUENCY PRIOR TO REVIEW WITH THE LANDSCAPE ARCHITECT.

IRRIGATION NOTES

1. CONTRACTOR SHALL MAINTAIN EXISTING MAINLINE IN WORKING ORDER. COORDINATE ALL INTERRUPTIONS OF OPERATION OF THE EXISTING IRRIGATION TO A MINIMUM. COORDINATE ALL INTERRUPTIONS WITH THE OWNER'S REPRESENTATIVE. COORDINATE ALL MAINLINE SERVICE DISRUPTIONS WITH THE OWNER 72 HOURS PRIOR TO PROPOSED INTERRUPTION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING IRRIGATION EQUIPMENT DAMAGED DURING CONSTRUCTION AND IF DAMAGED, SHALL BE REPLACED WITH SAME MANUFACTURER AND MODEL.
3. ANY EXISTING IRRIGATION CONTROL VALVES CONNECTED TO EXISTING CONTROLLERS SHALL BE RECONNECTED TO EXISTING CONTROLLER. CONFIRM PROPER CONTROLLER OPERATION AND INSTALLATION WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK AND UPON COMPLETION OF WORK.
4. CONTRACTOR SHALL CONFIRM THE EXISTING CONTROLLER MAKE AND MODEL AND SHALL CONFIRM THAT SAID CONTROLLER HAS ADEQUATE OPEN STATIONS TO OPERATE ANY ADJUSTED AND ALL PROPOSED IRRIGATION SYSTEM MODIFICATIONS. NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE SHOULD AND DISCREPANCIES BE NOTED.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS/MODIFICATION/REROUTING OF ALL ADJACENT BY NEW CONSTRUCTION IMPROVEMENTS. CONTRACTOR SHALL REPAIR SAID SYSTEMS TO A LIKE MANNER, PROVIDING NO LESS THAN 100% OF HEAD RADIUS COVERAGE IN ALL AREAS WITH SYSTEM LAYOUT AS APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE. CONTRACTOR SHALL CONFIRM ALL AREAS REQUIRING MODIFICATION WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO BIDDING WORK AND PRIOR TO STARTING WORK.
6. REPAIR SYSTEMS TO A LIKE NEW MANNER PER OWNER'S REQ'TS.
7. CONTRACTOR SHALL FIELD VERIFY DEPTH + LOCATION OF ALL EXISTING UTILITIES PRIOR TO BIDDING WORK AND AGAIN PRIOR TO STARTING WORK. VERIFICATION SHALL BE DOCUMENTED AND DELIVERED TO OWNER'S REPRESENTATIVE.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ALL SCH 40 PVC SLEEVING UNDER PAVING, WALLS AND CURBS AT NO LESS THAN 24" BELOW GRADE AND NO LESS THAN 2X DIAMETER OF IRRIGATION PIPE IN AREAS WHERE PIPE CROSSING WILL OCCUR. WHEN PIPE SIZE IS NOT AVAILABLE USE 6" SLEEVING MATERIAL. CONFIRM CROSSINGS WITH OWNER'S REPRESENTATIVE PRIOR TO PAVING AND HARDSCAPE CONSTRUCTION.
9. EXISTING IRRIGATION IN ADJACENT AREAS SHALL BE PROTECTED IN PLACE FOR CONTINUED USE. CONTRACTOR SHALL VERIFY THE EXTENT OF THE EXISTING SYSTEMS AND MAKE ADJUSTMENTS TO CAP OFF OR MODIFY THE EXISTING SYSTEMS TO MEET THE NEW LANDSCAPE CONDITION AS NECESSARY.
10. WHERE NEW IRRIGATION MATERIALS ARE REQUIRED, CONTRACTOR TO PROVIDE HIGH-EFFICIENCY MULTI-STREAM ROTATING SPRAY NOZZLES, BY RAINBIRD OR HUNTER INDUSTRIES.
11. UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
12. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:
    .75" 0-6 GPM
    1"7-12 GPM
    1.25" 13-20 GPM
    1.5" 21-32 GPM
    2" 33-50 GPM
13. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE.
14. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. COMMON GROUND



OVERALL SITE KEY PLAN | 01

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APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

LPA

ARCHITECTURE ENGINEERING INTERIOR DESIGN
LANDSCAPE ARCHITECTURE PLANNING

949-261-1001 Office

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5301 California Avenue, Suite 100
Irvine, California 92617

LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALER
No. 5212
STATE OF CALIFORNIA
11/22/2024
4/1/2025
DATE

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Developed for
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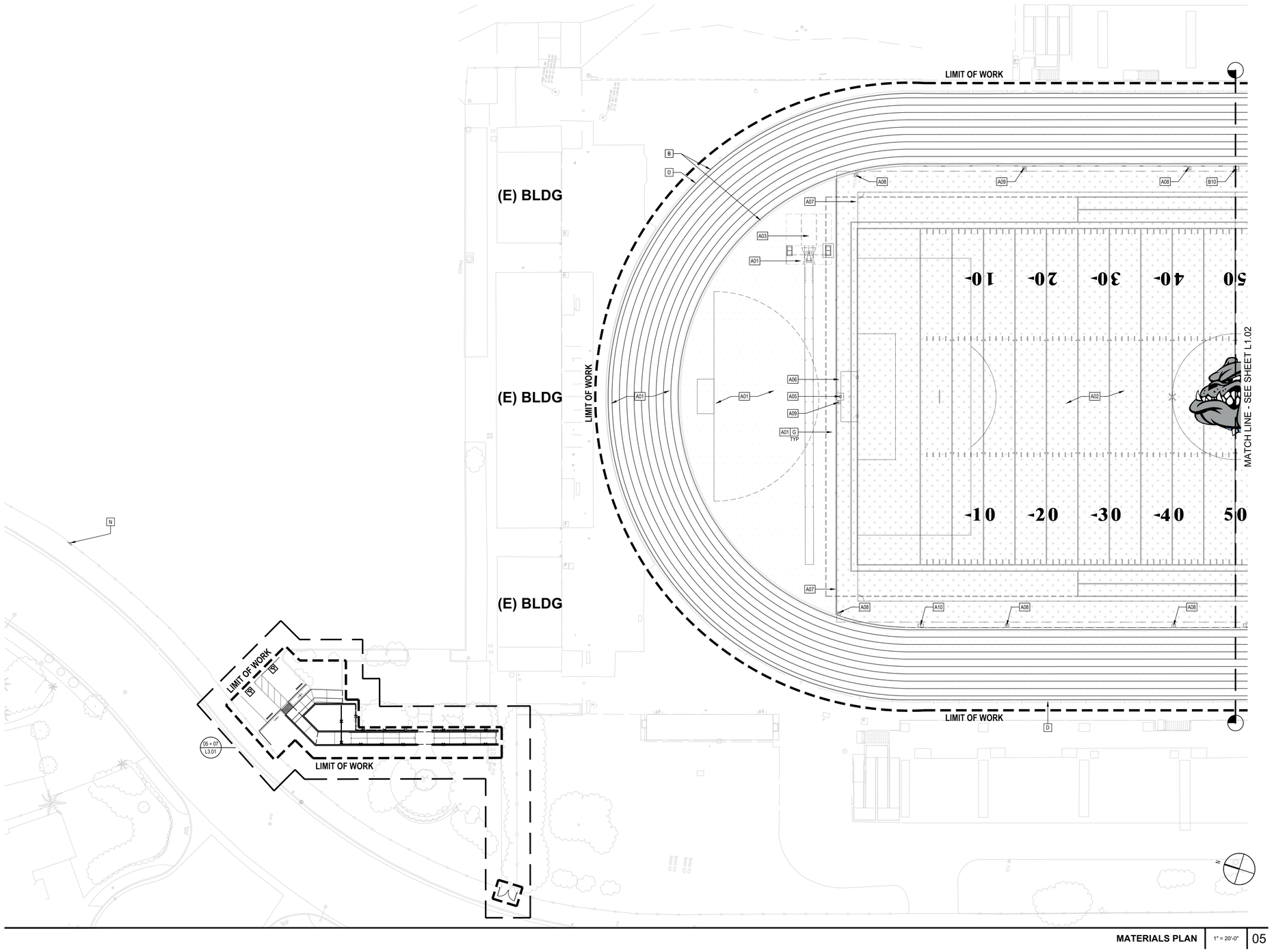
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/01/2025

Job Number	32210
Checked By	MM | CA
Scale	AS NOTED

OVERALL
SITE KEY PLAN

L0.02



MATERIALS KEYNOTE LEGEND

NOTE	DESCRIPTION	DET/ SHT	COLOR / FINISH
01	CONCRETE PAVING	01/ L5.01	NATURAL GRAY/ MEDIUM BROOM
02	TRUNCATED DOME PAVERS	09/ L5.01	FEDERAL YELLOW (A-40) FINISH
03	CONCRETE RETAINING CURB	11/ L5.01	NATURAL GRAY/ SMOOTH TROWEL
04	CONCRETE RAMP	01/ L5.01	NATURAL GRAY/ MEDIUM BROOM
05	HANDRAIL AT RAMP	01/ L5.02	GALVANIZED
06	CHAINLINK DOUBLE SWING GATE	17/ L5.02	GALVANIZED

ATHLETIC KEYNOTES

NOTE	DESCRIPTION	DET/ SHT	COLOR / FINISH
A01	RUBBERIZED TRACK SURFACING	04/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A02	SYNTHETIC TURF SURFACING	01/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A03	POLE VAULT LAYOUT	09/ L5.04	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A04	LONG JUMP / TRIPLE JUMP LAYOUT	01/ L5.04	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A05	FOOTBALL GOAL POST	17/ L5.05	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A06	SOCCER LAYOUT	04/ L5.05	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A07	CONCRETE CURB @ D-ZONE	08/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A08	QCV BOX	06/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A09	ELEC BOX	13/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A10	COM BOX	07/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01

REFERENCE KEYNOTE LEGEND

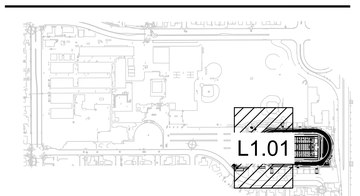
NOTE	DESCRIPTION	DET/ SHT	COMMENTS
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B	EXISTING CURB		PROTECT IN PLACE
C	EXISTING WALL		PROTECT IN PLACE
D	EXISTING FENCE		PROTECT IN PLACE
E	EXISTING UTILITY		PROTECT IN PLACE
F	EXISTING TREE		PROTECT IN PLACE
G	A.C. PAVING	PER CIVIL	
H	ADA SIGNAGE	16/ C2.01	
J	PAVEMENT STRIPING	20/ C2.01	
K	WHEEL STOP	03/ C2.01	
L	ADA EMBLEM	12/ C2.01	
M	ZERO CURB FACE	02/ C2.01	
N	UNAUTHORIZED VEHICLE SIGN	08/ C2.01	
O	CONCRETE VERTICAL CURB	02/ C2.01	

SITE SYMBOLS LEGEND

SYM.	DESCRIPTION	SYM.	DESCRIPTION	DET.
	FIRE HYDRANT - PER CIVIL		SAWCUT JOINT	02/ L5.01
	CATCH BASIN - PER CIVIL		EXPANSION JOINT	02/ L5.01
CO	CLEAN OUT - PER CIVIL		MATCHLINE	
MH	MAN HOLE - PER CIVIL		PROPERTY LINE/ RIGHT OF WAY	
	DIRECTION OF RAMP; DOWN SLOPE	T.O.S.	TOP OF SLOPE	
+	EXISTING TREE PROTECT IN PLACE	B.O.S.	BOTTOM OF SLOPE	
PA	PLANTING AREA	F.O.B.	FACE OF BUILDING	
	ALIGN	F.O.C.	FACE OF CURB	

NOTE: UTILITIES SHOWN ARE FOR REFERENCE ONLY. SEE CIVIL AND ELEC DWGS FOR DETAILS AND EXACT LOCATIONS. FINAL LOCATIONS TO BE REVIEWED BY LANDSCAPE ARCHITECT.

KEYMAP



MATERIALS PLAN | 1" = 20'-0" | 05

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DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
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DATE: 05/20/2025

LPA
ARCHITECTURE ENGINEERING INTERIOR DESIGN
LANDSCAPE ARCHITECTURE PLANNING
949-261-1001 Office
LPADesignStudios.com
5301 California Avenue, Suite 100
Irvine, California 92617

LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALER
No. 5151
Renewal 01/31/2025
4/1/2025
DATE
STATE OF CALIFORNIA

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TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD
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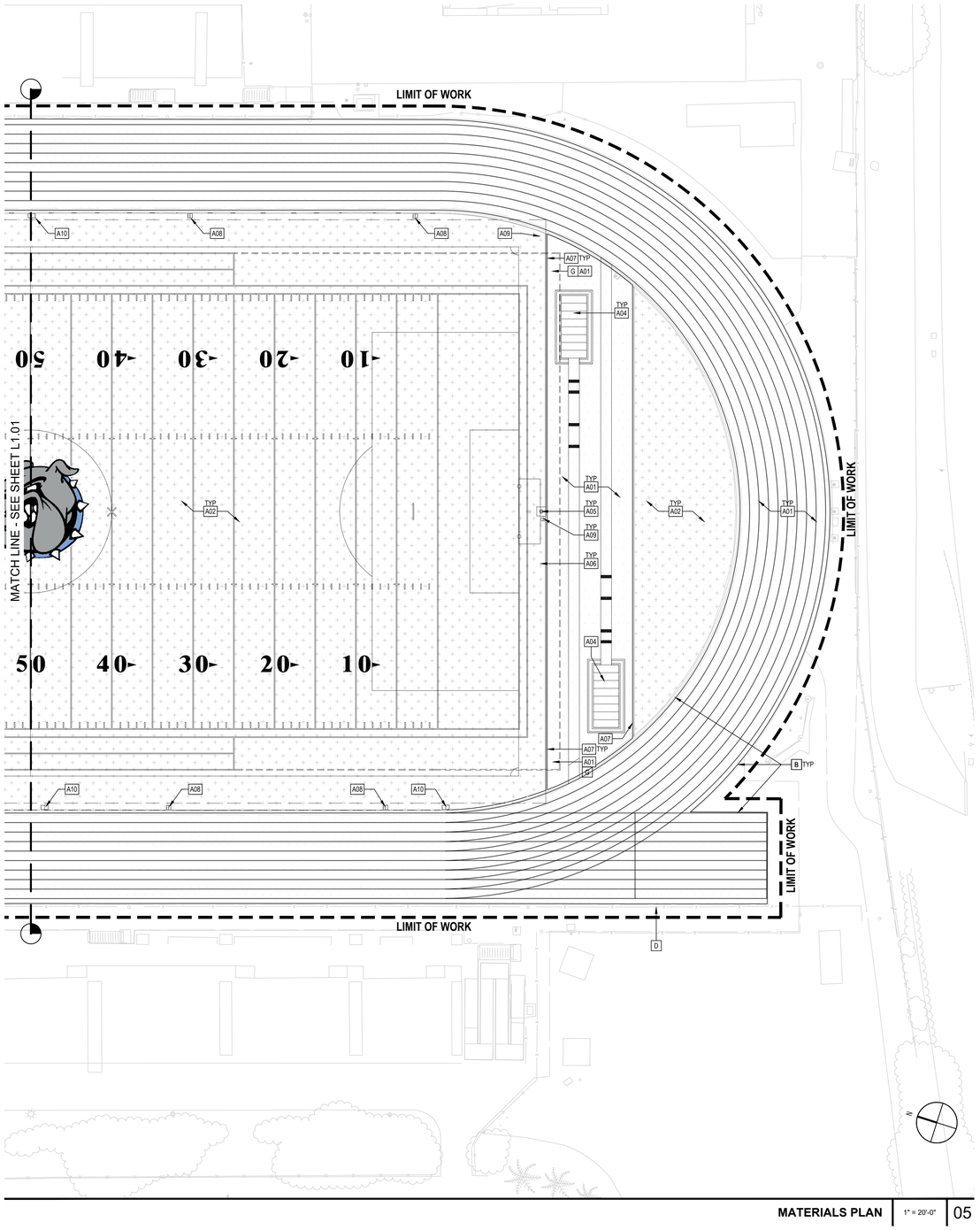
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	1" = 20'-0"

MATERIALS PLAN

L1.01



MATERIALS PLAN | 1" = 20'-0" | 05

MATERIALS KEYNOTE LEGEND

NOTE	DESCRIPTION	DET/ SHT	COLOR / FINISH
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ATHLETIC KEYNOTES

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A04	LONG JUMP / TRIPLE JUMP LAYOUT	01/ L5.04	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A05	FOOTBALL GOAL POST	17/ L5.05	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A06	SOCCER LAYOUT	04/ L5.05	REFER TO SPORTS EQUIPMENT LEGEND L0.01
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A09	ELEC BOX	13/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A10	COM BOX	07/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01

REFERENCE KEYNOTE LEGEND

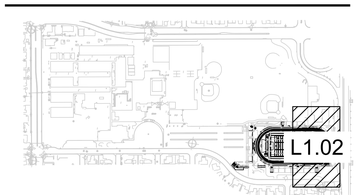
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F	EXISTING TREE		PROTECT IN PLACE
G	A.C. PAVING	PER CIVIL	
H	ADA SIGNAGE	16/ C2.01	
J	PAVEMENT STRIPING	20/ C2.01	
K	WHEEL STOP	03/ C2.01	
L	ADA EMBLEM	12/ C2.01	
M	ZERO CURB FACE	02/ C2.01	
N	UNAUTHORIZED VEHICLE SIGN	08/ C2.01	
O	CONCRETE VERTICAL CURB	02/ C2.01	

SITE SYMBOLS LEGEND

SYM.	DESCRIPTION	SYM.	DESCRIPTION	DET.
	FIRE HYDRANT - PER CIVIL		SAWCUT JOINT	02/ L5.01
	CATCH BASIN - PER CIVIL		EXPANSION JOINT	02/ L5.01
CO	CLEAN OUT - PER CIVIL		MATCHLINE	
MH	MAN HOLE - PER CIVIL		PROPERTY LINE/ RIGHT OF WAY	
	DIRECTION OF RAMP; DOWN SLOPE	T.O.S.	TOP OF SLOPE	
+	EXISTING TREE PROTECT IN PLACE	B.O.S.	BOTTOM OF SLOPE	
PA	PLANTING AREA	F.O.B.	FACE OF BUILDING	
	ALIGN	F.O.C.	FACE OF CURB	

NOTE: UTILITIES SHOWN ARE FOR REFERENCE ONLY. SEE CIVIL AND ELEC DWGS FOR DETAILS AND EXACT LOCATIONS. FINAL LOCATIONS TO BE REVIEWED BY LANDSCAPE ARCHITECT.

KEYMAP



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SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

LPA
ARCHITECTURE ENGINEERING INTERIOR DESIGN
LANDSCAPE ARCHITECTURE PLANNING
949-261-1001 Office
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5301 California Avenue, Suite 100
Irvine, California 92617

LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALEK
No. 5151
7/31/2026
RENEWAL DATE
4/1/2025
DATE
STATE OF CALIFORNIA

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Developed for
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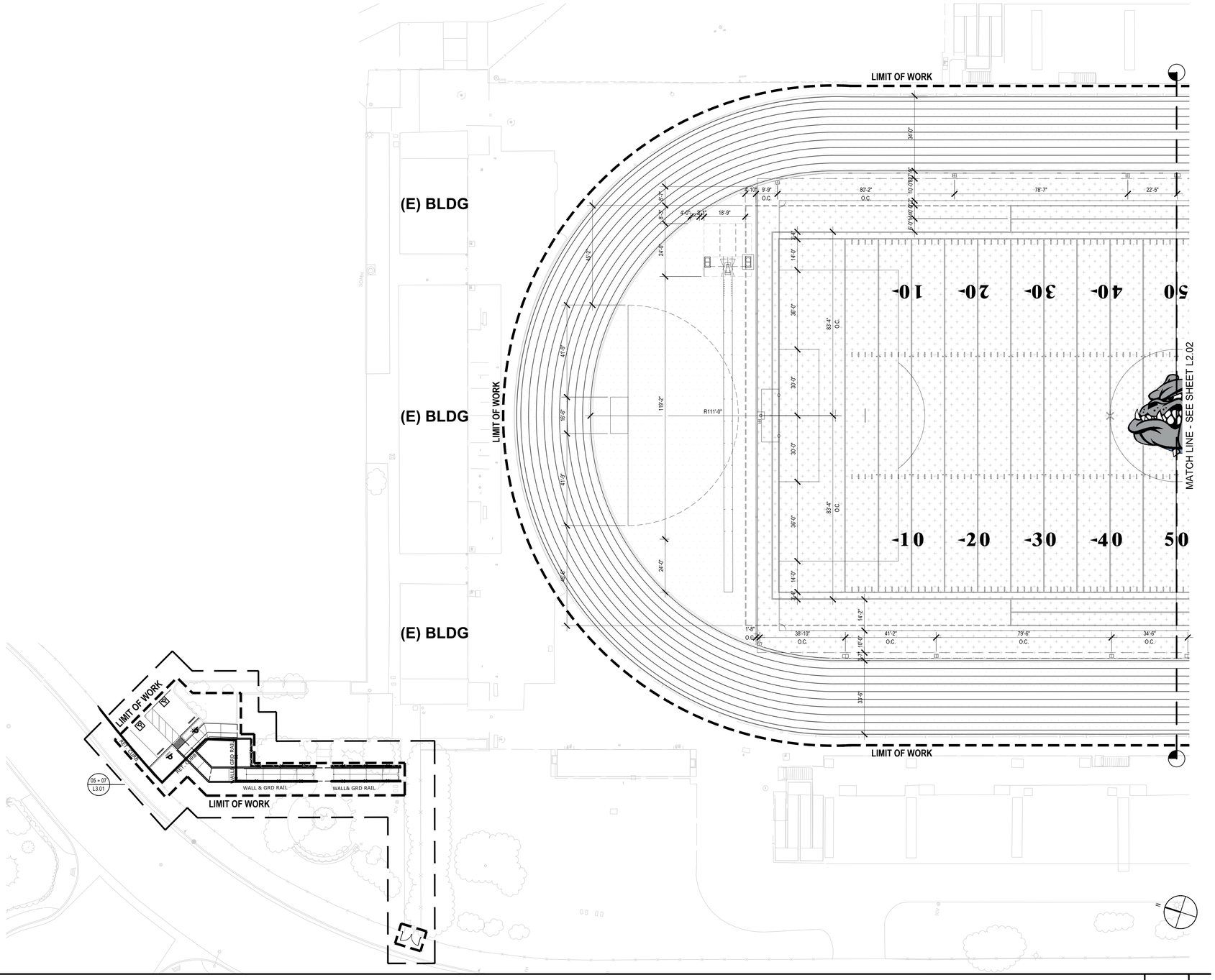
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Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

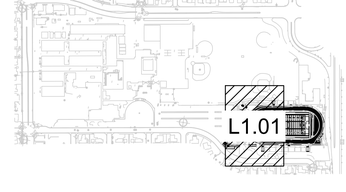
Job Number	32210
Checked By	MM | CA
Scale	1" = 20'-0"

MATERIALS PLAN

L1.02



KEYMAP



LAYOUT PLAN | 1" = 20'-0" | 05

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LPADesignStudios.com

5301 California Avenue, Suite 100
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LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALEK
6251
REGISTERED
7/31/2026
4/3/2025
DATE
STATE OF CALIFORNIA

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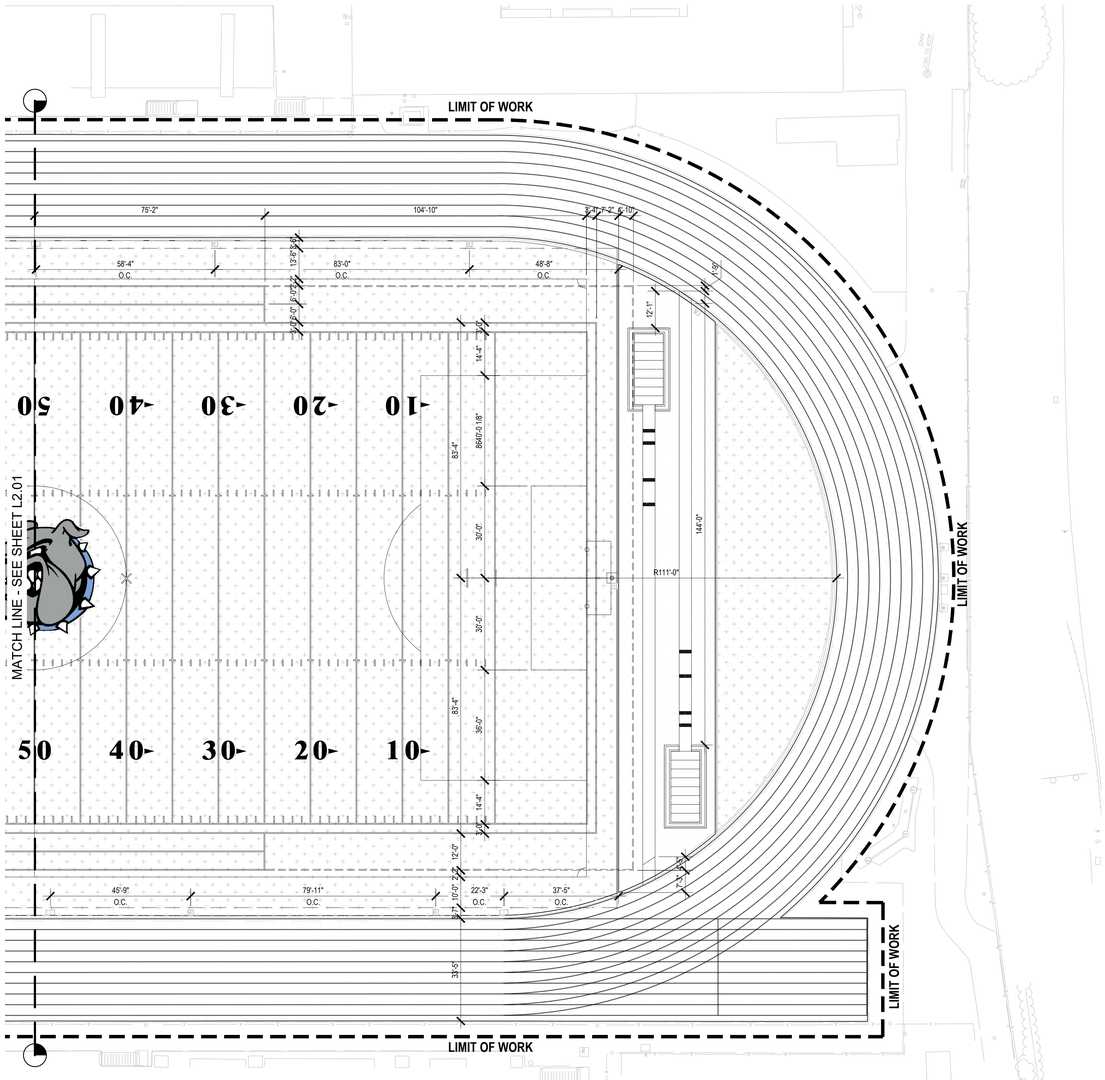
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
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Scale	1" = 20'-0"

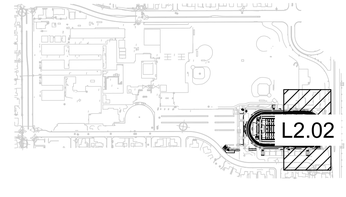
LAYOUT PLAN

L2.01



MATERIALS PLAN | 1" = 20'-0" | 05

KEYMAP



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LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALER
6252
7/31/2026
4/3/2025
DATE
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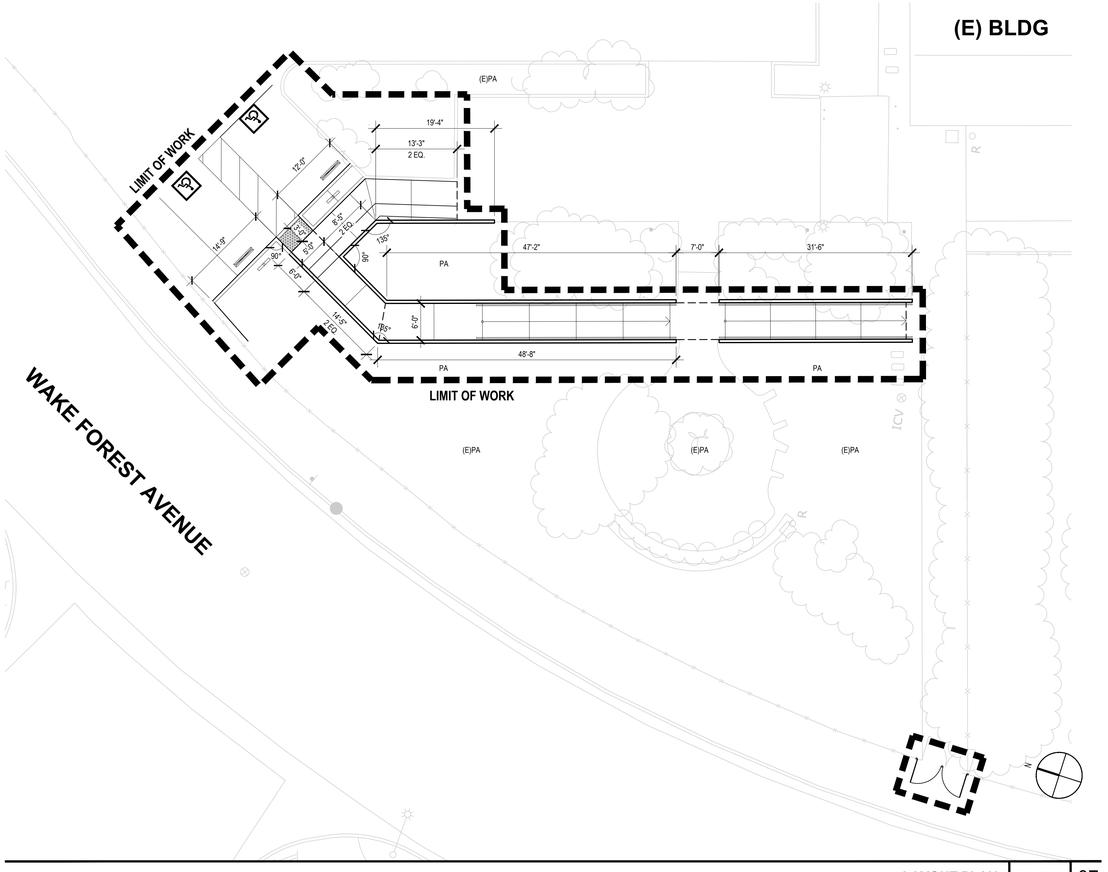
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DSA SUBMITTAL #2	04/01/2025

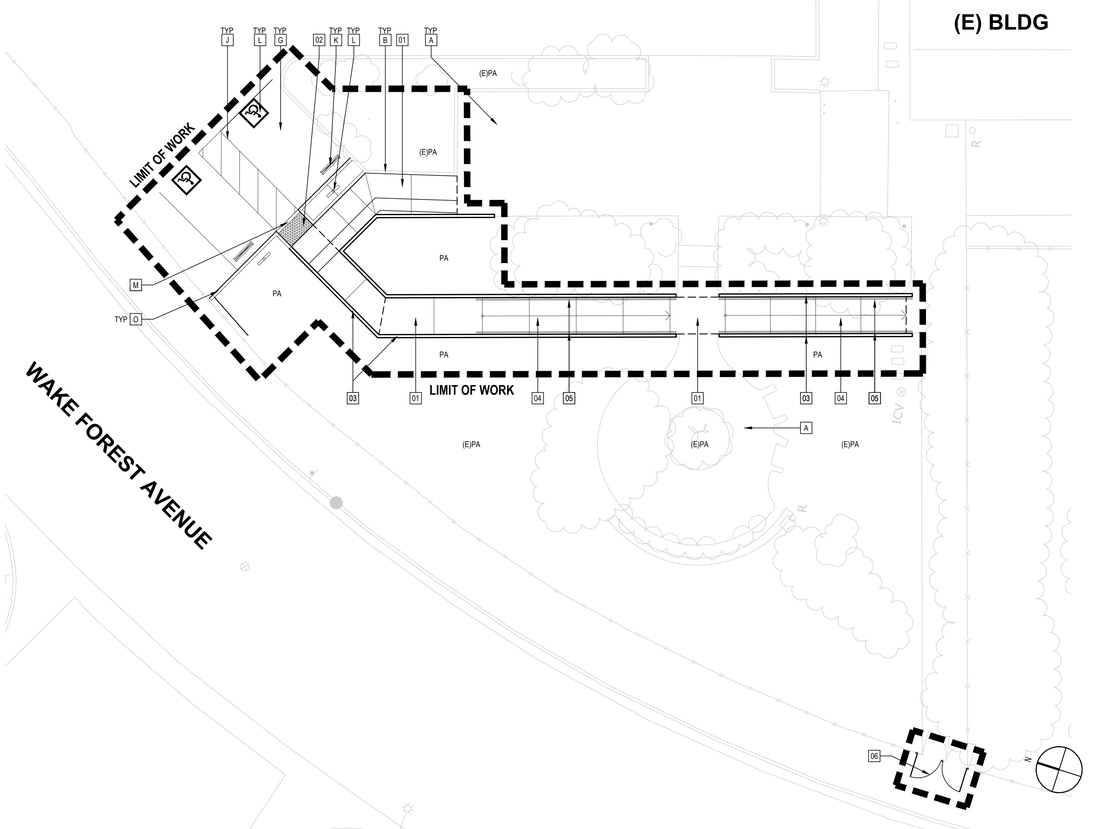
Job Number	32210
Checked By	MM | CA
Scale	1" = 20'-0"

LAYOUT PLAN

L2.02



LAYOUT PLAN | 1" = 10'-0" | 07



MATERIALS PLAN | 1" = 10'-0" | 05

MATERIALS KEYNOTE LEGEND

NOTE	DESCRIPTION	DET/ SHT	COLOR / FINISH
01	CONCRETE PAVING	01/ L5.01	NATURAL GRAY/ MEDIUM BROOM
02	TRUNCATED DOME PAVERS	09/ L5.01	FEDERAL YELLOW (A-40) FINISH
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05	HANDRAIL AT RAMP	01/ L5.02	GALVANIZED
06	CHAINLINK DOUBLE SWING GATE	17/ L5.02	GALVANIZED

ATHLETIC KEYNOTES

NOTE	DESCRIPTION	DET/ SHT	COLOR / FINISH
A01	RUBBERIZED TRACK SURFACING	04/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A02	SYNTHETIC TURF SURFACING	01/ L5.03	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A03	POLE VAULT LAYOUT	09/ L5.04	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A04	LONG JUMP / TRIPLE JUMP LAYOUT	01/ L5.04	REFER TO SPORTS EQUIPMENT LEGEND L0.01
A05	FOOTBALL GOAL POST	17/ L5.05	REFER TO SPORTS EQUIPMENT LEGEND L0.01
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REFERENCE KEYNOTE LEGEND

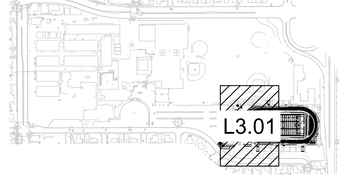
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O	CONCRETE VERTICAL CURB	02/ C2.01	

SITE SYMBOLS LEGEND

SYM.	DESCRIPTION	SYM.	DESCRIPTION	DET.
	FIRE HYDRANT - PER CIVIL		SAWCUT JOINT	02/ L5.01
	CATCH BASIN - PER CIVIL		EXPANSION JOINT	02/ L5.01
CO	CLEAN OUT - PER CIVIL		MATCHLINE	
MH	MAN HOLE - PER CIVIL		PROPERTY LINE/ RIGHT OF WAY	
	DIRECTION OF RAMP; DOWN SLOPE	T.O.S.	TOP OF SLOPE	
	EXISTING TREE PROTECT IN PLACE	B.O.S.	BOTTOM OF SLOPE	
PA	PLANTING AREA	F.O.B.	FACE OF BUILDING	
	ALIGN	F.O.C.	FACE OF CURB	

NOTE: UTILITIES SHOWN ARE FOR REFERENCE ONLY. SEE CIVIL AND ELEC DWGS FOR DETAILS AND EXACT LOCATIONS. FINAL LOCATIONS TO BE REVIEWED BY LANDSCAPE ARCHITECT.

KEYMAP



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

LPA
ARCHITECTURE ENGINEERING INTERIOR DESIGN
LANDSCAPE ARCHITECTURE PLANNING
949-261-1001 Office
LPADesignStudios.com
5301 California Avenue, Suite 100
Irvine, California 92617

LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALEK
No. 5124
7/31/2026
4/3/2025
DATE
STATE OF CALIFORNIA

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BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD
VENTURA, CA 93003

Developed for
VENTURA UNIFIED SCHOOL DISTRICT

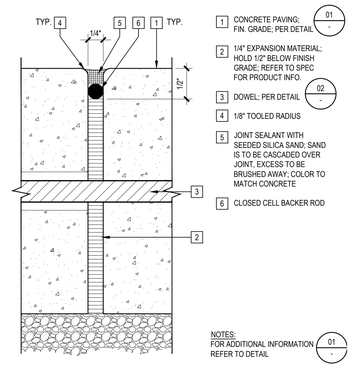
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	1" = 20'-0"

MATERIALS AND LAYOUT ENLARGEMENT PLAN

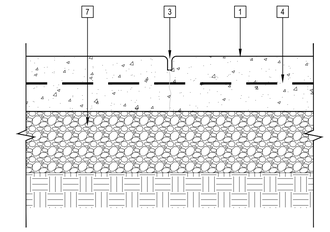
L3.01



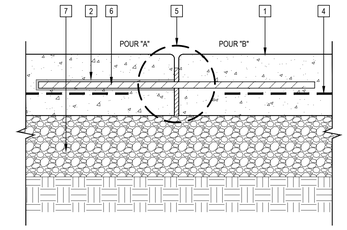
1. CONCRETE PAVING; FIN. GRADE; PER DETAIL 01/-
2. 1/4" EXPANSION MATERIAL; HOLD 1/2" BELOW FINISH GRADE; REFER TO SPEC FOR PRODUCT INFO.
3. DOWEL; PER DETAIL 02/-
4. 1/8" TOOLED RADIUS
5. JOINT SEALANT WITH SEEDED SILICA SAND; SAND IS TO BE CASCADED OVER JOINT, EXCESS TO BE BRUSHED AWAY; COLOR TO MATCH CONCRETE
6. CLOSED CELL BACKER ROD

NOTES:
FOR ADDITIONAL INFORMATION REFER TO DETAIL 01/-

EXPANSION JOINT ENLARGEMENT — N.T.S. — 04



A. SAWCUT CONTROL JOINT



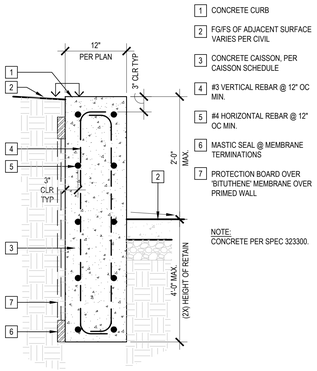
B. EXPANSION JOINT

1. CONCRETE PAVING; REFER TO DETAIL 01/-
2. SPEED DOWEL; BY SIKA CORPORATION CONCRETE ACCESSORIES; PRODUCT # PSD12/ #4TX
3. SAWCUT CONTROL JOINT; 1/8-INCH WIDE; CUT TO 1/4 DEPTH OF SLAB; PROVIDE TIGHT 1/8-INCH RADIUS ON EDGE OF PAVING BEFORE SAWCUTTING.
4. CONCRETE PAVING REINFORCEMENT; REFER TO DETAIL 01/-
5. JOINT ENLARGEMENT; REFER TO DETAIL 04/-
6. PEDESTRIAN: 3"Ø SMOOTH STEEL DOWEL; 18" @ 18" O.C.
   VEHICULAR: 3"Ø SMOOTH STEEL DOWEL; 18" @ 18" O.C.
7. AGGREGATE BASE AND SUBGRADE; REFER TO PAVING DETAIL 01/-

NOTES:
A. NATIVE OR FILL SOIL SUPPORTING EXTERIOR NON-STRUCTURAL FLATWORK AND UNPAVED LANDSCAPING AREAS ARE EXEMPT FROM SPECIAL INSPECTION AND TESTING.

B. CONCRETE BATCH PLANT INSPECTION IS NOT REQUIRED.

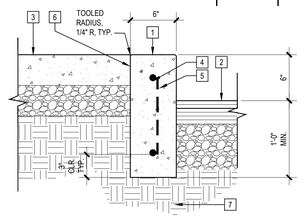
CONCRETE PAVING JOINTS — 3" = 1'-0" — 02



1. CONCRETE CURB
2. FG/FS OF ADJACENT SURFACE VARIES PER CIVIL
3. CONCRETE CAISSON, PER CAISSON SCHEDULE
4. #3 VERTICAL REBAR @ 12" OC MIN.
5. #4 HORIZONTAL REBAR @ 12" OC MIN.
6. MASTIC SEAL @ MEMBRANE TERMINATIONS
7. PROTECTION BOARD OVER 'SITUTHENE' MEMBRANE OVER PRIMED WALL

NOTE:
CONCRETE PER SPEC 323300.

CONCRETE RETAINING CURB — 1" = 1'-0" — 11

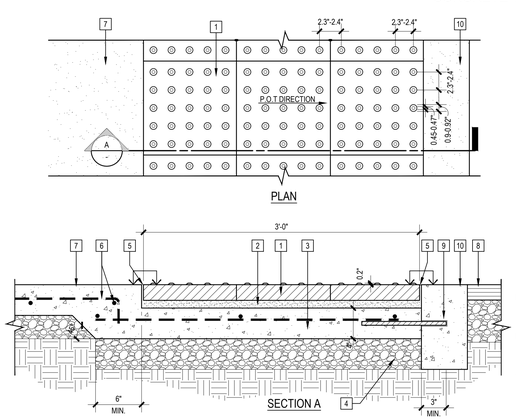


1. CONCRETE VERTICAL CURB; REFER TO MATERIALS PLAN FOR FINISH.
2. A.C. PAVING; REFER TO CIVIL DWG'S.
3. FINISH SURFACE; CONCRETE PAVING
4. (2) #4 CONTINUOUS HORIZONTAL REBAR.
5. #4 REBAR @ 18" O.C.
6. AMENDED TOP SOIL FIN. GRADE ADJACENT TO CONC. CURB:
   1" BELOW CONC. CURB AT TURF.
   2" BELOW CONC. CURB AT SHRUB AND GROUNDCOVER AREA.
7. COMPACTED SUBGRADE; REFER TO CIVIL DWG'S.

NOTES:
A. PROVIDE TOOLED JOINT EVERY 10'-0" OR TO ALIGN WITH PAVING JOINTS & EXPANSION JOINT EVERY 30' & AT EVERY CHANGE IN DIRECTION 02/-

B. FOR DRAINAGE REFER TO CIVIL GRADING AND DRAINAGE PLANS

CONCRETE VERTICAL CURB — 1 1/2" = 1'-0" — 10



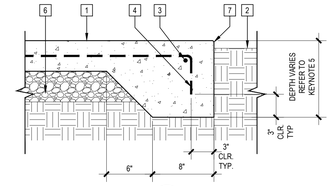
1. PRE-CAST TRUNCATED DOME TILES. COLOR TO BE FEDERAL YELLOW (33538) OF SAE AMSSTD-595A. SHALL COMPLY WITH CBC 11B-247, 11B-250, 11B-705
2. MORTAR SETTING BED PER MANUF.
3. CONCRETE PAVING PER 01/-
4. BASE MATERIAL & COMPACTED SUBGRADE 01/-
5. EXPANSION JOINT PER 02/-
6. #3 REBAR AT 18" O.C. EACH WAY
7. FINISH SURFACE; REFER TO MATERIALS PLAN
8. ADJACENT PAVING; REFER TO MATERIALS PLAN
9. DRILLED 5/8" DIA. SLIP SLEEVE AT CONCRETE FLUSH BAND; DOWEL TO HAVE FREE MOVEMENT AT THIS SIDE.
10. FLUSH CONCRETE CURB; PER CIVIL DWG'S.

NOTE:
A. TOTAL LENGTH OF TRUNCATED DOME TILES PER PLAN.

B. TRUNCATED DOME TILES ARE TO CONFORM TO STATE ACCESSIBILTY STANDARDS. CONTRACTOR TO VERIFY STANDARDS PRIOR TO INSTALLATION.

C. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACE. EITHER LIGHT ON DARK OR DARK ON LIGHT.

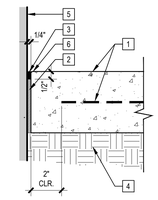
TRUNCATED DOME PAVERS — 1 1/2" = 1'-0" — 09



1. CONCRETE PAVING; REFER TO DTL 01/-
2. ADJACENT SURFACE/ FINISH GRADE; REFER TO PER MATERIALS PLAN
3. #4 REINFORCING; CONTINUOUS
4. EXTEND REINFORCEMENT FROM PAVING INTO THICKENED EDGE & WRAP ENDS
5. THICKENED EDGE; 9" DEPTH FOR PEDESTRIAN PAVING;
6. BASE MATERIAL & COMPACTED SUBGRADE; REFER TO DTL 01/-
7. EASE ALL EDGES; 1/4"R, TYP.

NOTE:
FOR EDGE CONDITION ADJACENT TO VERTICAL SURFACE REFER TO DTL 08/-

CONC. PAVING THICKENED EDGE — 1 1/2" = 1'-0" — 07



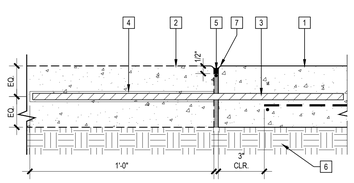
1. CONCRETE PAVING AND REINFORCEMENT PER DETAIL 01/-
2. EXPANSION JOINT FILLER; MATCH FULL DEPTH OF CONC. PAVING; REFER TO SPECS FOR MATERIAL
3. JOINT SEALANT; COLOR TO MATCH CONCRETE COLOR W/SEEDED SILICA SAND
4. BASE MATERIAL AND SUBGRADE PER DETAIL 01/-
5. FACE OF VERTICAL SURFACE
6. 1/8" RADIUS

NOTES:
A. PROVIDE EXPANSION JOINT AT ALL VERTICAL SURFACES.

B. NATIVE OR FILL SOIL SUPPORTING EXTERIOR NON-STRUCTURAL FLATWORK AND UNPAVED LANDSCAPING AREAS ARE EXEMPT FROM SPECIAL INSPECTION AND TESTING.

C. CONCRETE BATCH PLANT INSPECTION IS NOT REQUIRED.

EXPANSION JOINT AT VERTICAL SURFACE — 3"=1'-0" — 06



1. NEW CONCRETE PAVING AND REINFORCEMENT; REFER TO DTL 01/-
2. EXISTING CONCRETE PAVING
3. 1/2" X 24" SMOOTH STEEL DOWEL AT 18" O.C.
4. 5/8" SLIP SLEEVE DRILLED INTO EXISTING CONCRETE PAVING; DOWEL TO HAVE FREE MOVEMENT ON THIS SIDE
5. JOINT SEALANT WITH BACKER ROD
6. BASE MATERIAL AND COMPACTED SUBGRADE; REFER TO DTL 01/-
7. 1/8" RADIUS; AT NEW CONCRETE PAVING

NOTES:
A. PROVIDE AT ALL LOCATIONS WHERE NEW CONCRETE JOINS EXISTING CONCRETE.

B. PROVIDE CLEAN SAWCUT AT EXISTING PAVING. EXTEND PROPOSED PAVING AS REQUIRED TO CLOSEST ADJACENT JOINT.

C. SEE CIVIL PLANS FOR LIMIT OF DEMOLITION.

D. NATIVE OR FILL SOIL SUPPORTING EXTERIOR NON-STRUCTURAL FLATWORK AND UNPAVED LANDSCAPING AREAS ARE EXEMPT FROM SPECIAL INSPECTION AND TESTING.

E. CONCRETE BATCH PLANT INSPECTION IS NOT REQUIRED.

CONCRETE PAVING TIE-IN — 3"=1'-0" — 05

CONCRETE PAVING — 3" = 1'-0" — 01

1. CONCRETE PAVING; REFER TO MATERIALS PLAN KEYNOTE LEGEND FOR FINISH & COLOR.
2. FOR PAVING THICKNESS & REINFORCEMENT SEE CIVIL 01/C2.01
3. AGGREGATE BASE SEE CIVIL 01/C2.01
4. SUBGRADE COMPACTION & OVER EXCAVATION SEE CIVIL 01/C2.01

NOTES:
A. SAWCUT & EXPANSION JOINTS; REFER TO DETAIL. 02/-

B. PROVIDE DOWELS WHERE NEW CONCRETE TIES INTO EXISTING PER DETAIL. 05/-

C. PROVIDE THICKENED EDGE AT COLUMNS, SITE AND BLDG. WALLS, AND WHERE PAVING IS ADJACENT TO PLANTING AREAS. 07/-

D. DO NOT ALLOW CONCRETE OVER-POUR INTO ADJACENT PLANTING AREA.

E. NATIVE OR FILL SOIL SUPPORTING EXTERIOR NON-STRUCTURAL FLATWORK AND UNPAVED LANDSCAPING AREAS ARE EXEMPT FROM SPECIAL INSPECTION AND TESTING.

F. CONCRETE BATCH PLANT INSPECTION IS NOT REQUIRED.

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LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALER
6251
7/31/2025
RENEWAL
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STATE OF CALIFORNIA

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5670 TELEGRAPH ROAD
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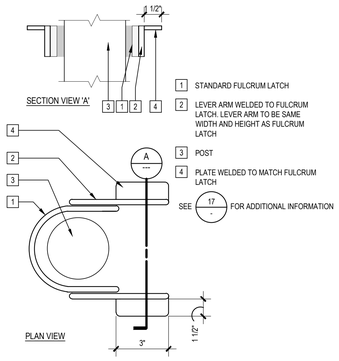
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	AS NOTED

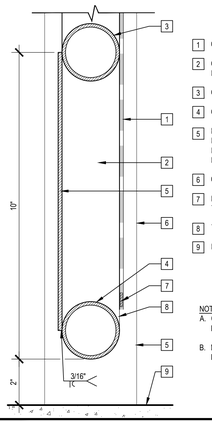
CONSTRUCTION DETAILS

L5.01



1 STANDARD FULCRUM LATCH
2 LEVER ARM WELDED TO FULCRUM LATCH. LEVER ARM TO BE SAME WIDTH AND HEIGHT AS FULCRUM LATCH
3 POST
4 PLATE WELDED TO MATCH FULCRUM LATCH
SEE 17 - FOR ADDITIONAL INFORMATION

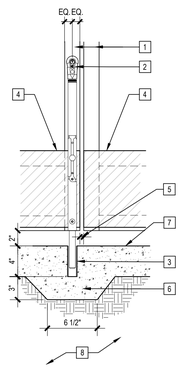
MODIFIED FULCRUM LATCH — N.T.S. — 23



1 CHAIN LINK FABRIC
2 GATE FRAME; REFER TO DTL. 17 -
3 GATE KICK PLATE TOP RAIL
4 GATE KICK PLATE BOTTOM RAIL
5 KICK PLATE: 1/8" THICK; MOUNT FLUSH AND WELD TO ALL GATE FRAME AND RAIL SURFACES ON THE PUSH SIDE OF GATE
6 CHAIN LINK GATE POST (BEYOND)
7 BOTTOM TENSION WIRE; ATTACHED TO SIDE GATE FRAMES
8 TIE-WIRE
9 FINISH GRADE

NOTES:
A. CLEAN ALL WELDS, GRIND SMOOTH, FREE OF BURS.
B. MATCH GATE & FENCE COLOR AND FINISH.

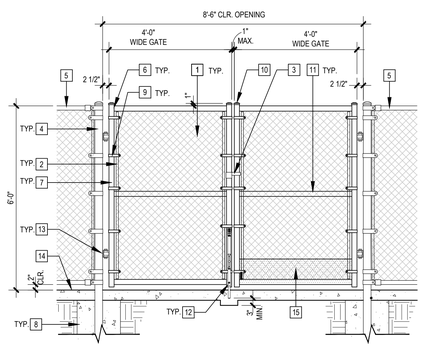
CHAIN LINK GATE KICK PLATE — 6" = 1'-0" — 22



1 GATE FRAME
2 KEY LOCKABLE DROP BOLT BY LOCINOX, COLOR RAL 9005. INSTALL ONTO GATE FRAME OR STEEL KICKPLATE (WHEN OCCURS)
3 1" I.D. GALVANIZED PIPE SLEEVE SET IN CONCRETE.
4 STEEL KICKPLATE (WHERE OCCURS) PER 22 -
5 DIMENSION VARIES - 1/2" @ GATES WITH PANIC HARDWARE. 2" @ STANDARD/WHEELED GATES
6 THICKENED CONCRETE SECTION
7 FINISH SURFACE
8 COMPACTED SUBGRADE

NOTES:
A. ALL HARDWARE FINISH & COLOR TO MATCH GATE
B. PROVIDE DISTRICT APPROVED LOCK FOR EACH CANE BOLT. LOCKS TO BE KEYED THE SAME. PROVIDE DUPLICATE KEYS FOR OWNER.
C. PROVIDE SLEEVE FOR BOTH OPEN & CLOSED POSITION, TYP. ALL GATES. OPEN POSITION IS 180 DEGREES OR THE FURTHEST ANGLE ALLOWABLE.

CANE BOLT — 1 1/2"=1'-0" — 18

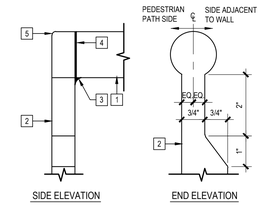


NOT FOR DSA SS APPROVAL PER IR-A22

1 CHAIN LINK FENCE FABRIC; 2" - 9 GA.; ATTACHE TO GATE TOP AND BOTTOM FRAME WITH RAIL TIE WIRE; COLOR PER MATERIALS PLAN KEYNOTE LEGEND
2 TENSION BAR; THREAD TENSION BAR TO CHAIN LINK & ATTACH TO GATE FRAME WITH TENSION BANDS; TYP.
3 MODIFIED FULCRUM LATCH — 23 -
4 POST: 4" O.D. SCH. 40; EACH SIDE OF GATE
5 EXISTING CHAIN LINK FENCE
6 ALL JOINTS WELDED CONTINUOUS TO MAKE A SOLID FRAME.
7 GATE FRAME: 1-7/8" O.D. SCH. 40
8 EXISTING CONCRETE POST FOOTING
9 TENSION BAND
10 GATE FRAME POST CAP TO MATCH FENCE POST CAP
11 MID FRAME: 1-7/8" O.D. SCH. 40
12 LOCKABLE CANE BOLT; REFER TO DTL. 18 -
13 WELD-ON HINGE: CI3000
14 FINISH GRADE
15 CHAIN LINK GATE KICK PLATE; REFER TO DTL. 22 -

NOTES:
A. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
B. PROVIDE TWO PART URETHANE COATING SYSTEM FOR ALL GATE COMPONENT TO MATCH FENCE COLOR.
C. ALL WELDS TO BE GROUND SMOOTH AND CONTINUOUS, FREE OF BURS.

DOUBLE SWING CHAIN LINK GATE WITH LOCKABLE CANE BOLTS — 1/2" = 1'-0" — 17

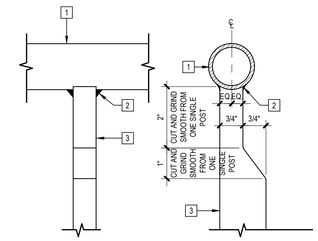


SIDE ELEVATION — END ELEVATION

1 1.66" O.D. SCH. 40 STEEL PIPE
2 1-1/2" X 3/4" THICK SOLID STOCK STEEL POST.
3 CONTINUOUS FILLET WELD
4 CONTINUOUS 1/4" FILLET WELD ALL AROUND; GRIND SMOOTH
5 1/8" MIN. RADIUS, TYP.

NOTES:
A. DETAIL 01 (THIS SHEET) NOTES APPLY.

HANDRAIL END CONNECTION — 6" = 1'-0" — 07

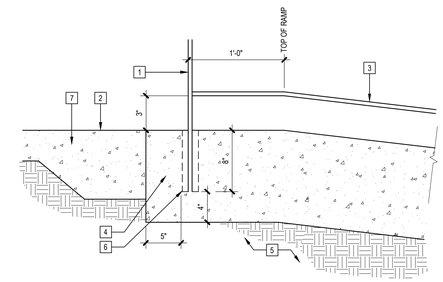


ELEVATION — SECTION

1 1.660" O.D. SCH. 40 STEEL PIPE.
2 CONTINUOUS 1/4" FILLET WELD BOTTOM SIDE ONLY.
3 1-1/2" x 3/4" THICK SOLID STOCK STEEL 'SINGLE' POST. (WELDING OF POSTS TOGETHER SHALL NOT BE ACCEPTABLE)

NOTES:
A. DETAIL 01 (THIS SHEET) NOTES APPLY.

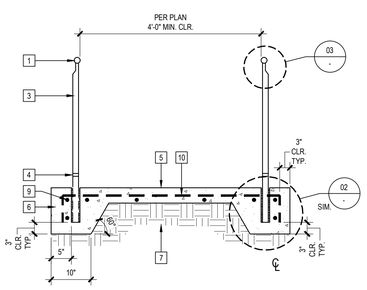
HANDRAIL MID CONNECTION — 6"=1'-0" — 03

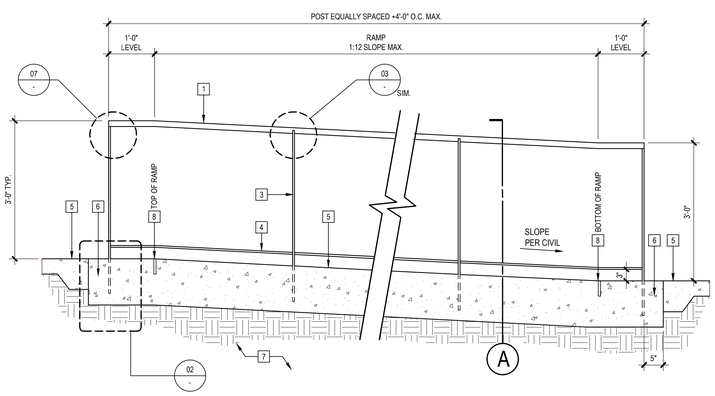


1 1-1/2"" x 3/4" THICK SOLID STAINLESS STEEL POST.
2 FINISH SURFACE.
3 1-1/2" x 3/4" THICK SOLID STOCK STANLESS STEEL BOTTOM RAIL.
4 CONCRETE PAVING 01 - L5.01
5 BASE MATERIAL AND COMPACTED SUBGRADE PER 01 - L5.01
6 CAST IN PLACE, CORE DRILL OR PROVIDE KNOCKOUT. SET POSTS WITH NON SHRINK GROUT
7 CONCRETE PAVING THICKENED EDGE 07 - L5.01

NOTES:
A. DETAIL 01 (THIS SHEET) NOTES APPLY.

RAMP HANDRAIL EMBDEDMENT — 1 1/2" = 1'-0" — 02





1 1.66" O.D. SCH. 40 STAINLESS STEEL PIPE.
2 NOT USED
3 1-1/2" x 3/4" THICK SOLID STOCK STAINLESS STEEL POST.
4 1-1/2" x 3/4" THICK SOLID STOCK STAINLESS STEEL BOTTOM RAIL.
5 CONCRETE PAVING; FINISH GRADE
6 RAMP HANDRAIL EMBEDMENT 02 -
7 BASE MATERIAL AND COMPACTED SUBGRADE PER GEOTECHNICAL REPORT.
8 TOP OF RAMP/BOTTOM OF RAMP, CONCRETE PAVING JOINT 02 - L5.01
9 #3 @ 12" O.C.; CENTERED ON SLAB
10 #3 W/ HOOK EA END EA SIDE OF POST SLEEVE AND @ 12" O.C. THROUGHOUT

NOTES:
A. ALL COMPONENTS ARE TO BE GALVANIZED STEEL; HIGH PERFORMANCE PAINTED, SEE SPECS.
B. GRIND ALL WELDS SMOOTH; FILLET WELDS SHALL NOT BE GROUND FLUSH.
C. 1/8" EDGES TYPICAL ALL CORNERS.
D. COLD GALVANIZED ALL FIELD WELDS.
E. ALL HANDRAILS TO BE 4" MIN. FROM ADJACENT VERTICAL SURFACE UNLESS OTHERWISE NOTED ON PLAN.
F. PROVIDE HANDRAILS ON BOTH SIDES OF RAMP, TYPICAL. HANDRAILS, GUARDRAILS, AND MODULAR OR RELOCATABLE RAMPS ASSOCIATED WITH WALKING SURFACES LESS THAN 30" ABOVE ADJACENT GRADE ARE EXEMPT FROM SPECIAL INSPECTION AND TESTING.

HANDRAIL @ RAMP — 3/4"=1'-0" — 01

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DATE: 05/20/2025

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LICENSED LANDSCAPE ARCHITECT — MICHAEL MICHALER — 6125 — STATE OF CALIFORNIA
7/31/2025 RENEWAL DATE
4/1/2025 ISSUE DATE

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TRACK AND FIELD REPLACEMENT
5670 TELEGRAPH ROAD
VENTURA, CA 93003
Developed for
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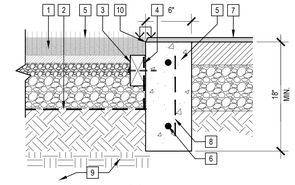
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	AS NOTED

CONSTRUCTION DETAILS

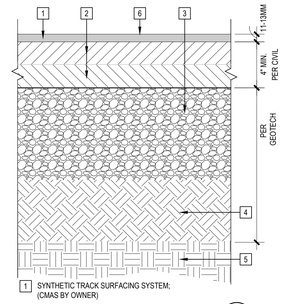
L5.02



1 SYNTHETIC TURF SYSTEM (01)
2 2X4X16 TREX HEADER ATTACHED W/ ZINC-PLATED & CERAMIC COATED 1/4"X4" MASONRY SCREW 4' MAX O.C. AND NO FURTHER THAN 6" FROM EACH END
3 ATTACH EXISTING TURF FABRIC TO NAILER PER TURF MANUFACTURER'S RECOMMENDATIONS
4 INFILL FLUSH W/ ADJACENT PERIMETER CURB
5 CONCRETE CURB
6 (2) #4 CONTINUOUS HORIZONTAL REBAR
7 TRACK SURFACING PER (04)
8 #4 @ 18" O.C.
9 SUBGRADE
10 ADA ACCESSIBLE ROLLED EDGE @ PERIMETER OF TRACK SURFACING, TYP. (-/-)

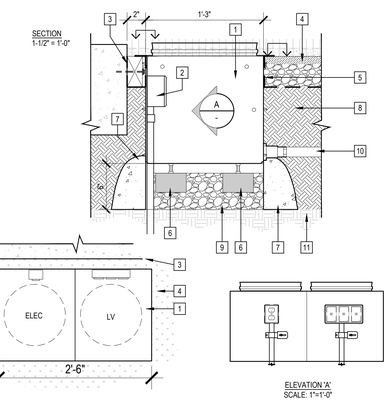
NOTE:
A. NOT PART OF DSA APPROVAL IN ACCORDANCE WITH DSA IRA-22

CONCRETE CURB @ D-ZONE
1 1/2" = 1'-0" | 08



1 SYNTHETIC TRACK SURFACING SYSTEM; (CMAS BY OWNER)
2 AC TRACK PAVING COMPRISED OF A TWO LIFT SYSTEM (-/C2.01) REFER TO
3 AGGREGATE BASE PER (01/L5.01)
4 OVER-EXCAVATED & COMPACTED SUBGRADE PER (01/L5.01)
5 NATIVE UNDISTURBED SUBGRADE
6 ADA ACCESSIBLE ROLLED EDGE; SEE SIM. (08)

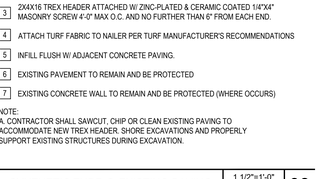
RUBBERIZED TRACK SURFACING
3"=1'-0" | 04



1 HALF COM UTILITY BOX WITH TURF LID PER L0.01 SPORTS EQUIP. LEGEND
2 SECURE 20 A DUPLEX GFCI POWER OUTLET IN OUTDOOR RATED NEMA BOX WITH LOCKING COVER. CONNECT POWER PER ELECTRICAL.
3 SYNTHETIC TURF @ CONCRETE (WHERE OCCURS) (03)
4 SYNTHETIC TURF SYSTEM (01)
5 WRAP SYNTHETIC TURF IMPERMEABLE LINER UP UNDER NAILER BOARD
6 PROVIDE BRICKS AT ALL FOUR CORNERS OF THE BOX DIRECTLY BELOW LEVELING BOLTS
7 4500 PSI CONCRETE BACKING TO SEAL-OFF VOID UNDER BOX
8 COMPACTED SUBGRADE PER GEOTECH
9 3/4" CRUSHED DRAIN ROCK
10 1" PVC STUB, CONNECT TO PERIMETER STORM DRAIN PER CIVIL
11 UNDISTURBED SUBGRADE
12 PROVIDE 3-GANG WEATHERPROOF GREENFIELD DB373PS BOX AND HUBBEL MX3050S WEATHERPROOF METAL COVER FOR SCOREBOARD 6-PIN D CONNECTORS, RCA CONNECTORS AND AUDIO AUXILIARY

NOTES:
A. WHERE MULTIPLE UTILITY BOXES OCCUR THERE SHALL BE 8" MIN SEPARATION AND 8" SEPARATION FROM ADJACENT PAVING.
B. COORDINATE PLACEMENT OF BOX TO AVOID ALL FOOTINGS.
C. INFILL AND ATTACHED SYNTHETIC TURF IN BOX LID PER MANUF. RECOMMENDATION
D. ATTACH SYNTHETIC TURF TO BOX PER MANUF. RECOMMENDATION.

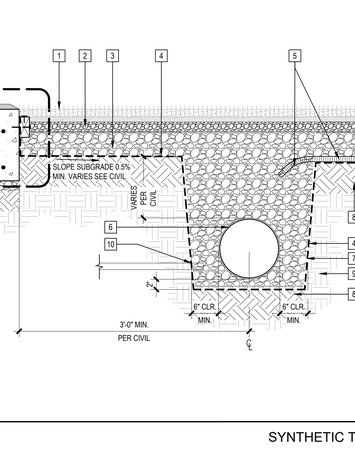
SYNTHETIC TURF UTITILY BOX - FULL COM
1 1/2" = 1'-0" | 07



1 SYNTHETIC TURF SYSTEM CMAS BY OWNER (01)
2 PERMEABLE TOPPING STONE (01)
3 PERMEABLE BASE STONE
4 IMPERMEABLE LINER PER SPECS
5 FLAT DRAIN PANEL W/ SLEEVE LAPPED INTO DRAINAGE TRENCH
6 PERFORATED DRAIN PIPE, SLOPE AND SIZE PER CIVIL
7 BATTER SIDES OF TRENCH
8 COMPACTED SUBGRADE PER GEOTECHNICAL REPORT
9 UNDISTURBED NATIVE SUBGRADE
10 UTILITY PENETRATIONS THROUGH LINER SHALL BE WATERTIGHT AND SEALED, TYP

NOTES
A. FOR PERIMETER DRAIN LOCATIONS REFER TO CIVIL GRADING, PAVING, STORM DRAIN & DETAILS PLAN. (-/C2.01) (-/C2.02)
B. SEE SPEC SECTION 321814 FOR MORE INFORMATION.
C. WHERE ONLY TURF IS BEING REPLACED, PROTECT (E) PERMEABLE BASE AND SUBGRADE.

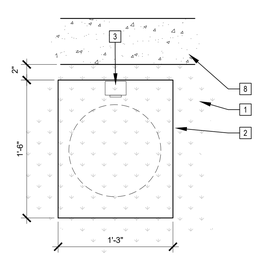
SYNTHETIC TURF SYSTEM - PERIMETER DRAIN
1" = 1'-0" | 05

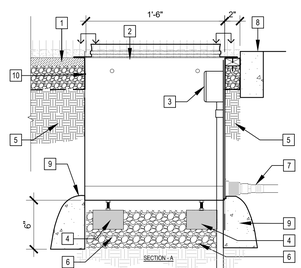


NOTES:
A. CONCRETE PAVING ATOP THE BOX LID SHALL BE FROM THE SAME CONCRETE BATCH POURED ADJACENT TO MATCH, TYP.
B. WHERE MULTIPLE UTILITY BOXES OCCUR THERE SHALL BE 8" MIN SEPARATION AND 4" SEPARATION FROM ADJACENT PAVING.

1 SYNTHETIC TURF SYSTEM (01)
2 QCV UTILITY BOX PER L0.01 SPORTS EQUIP. LEGEND
3 SECURE SCH 80 BALL VALVE PER IRRIGATION.
4 PROVIDE BRICKS AT ALL FOUR CORNERS OF THE BOX DIRECTLY BELOW LEVELING BOLTS
5 COMPACTED SUBGRADE PER GEOTECH
6 3/4" CLEAN CRUSHED ANGULAR DRAIN ROCK SEE SPEC SECTION 321814
7 1" PVC STUB, CONNECT TO PERIMETER STORM DRAIN PER CIVIL
8 EXISTING CONCRETE BAND
9 4500 PSI CONCRETE BACKING TO SEAL-OFF VOID UNDER BOX

UTILITY BOX - QCV
1 1/2" = 1'-0" | 06

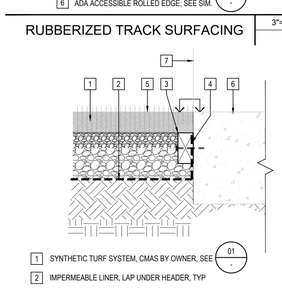




1 SYNTHETIC TURF SYSTEM (01)
2 ELEC BOX PER L0.01 SPORTS EQUIP. LEGEND
3 SECURE 20A DUPLEX GFCI POWER OUTLET ENCLOSED IN OUTDOOR RATED NEMA BOX WITH LOCKING COVER. CONNECT TO 110 V SERVICE PER ELECTRICAL.
4 PROVIDE BRICKS AT ALL FOUR CORNERS OF THE BOX DIRECTLY BELOW LEVELING BOLTS
5 COMPACTED SUBGRADE PER GEOTECH
6 3/4" CLEAN CRUSHED ANGULAR DRAIN ROCK SEE SPEC SECTION 321814
7 1" PVC STUB, CONNECT TO PERIMETER STORM DRAIN PER CIVIL
8 SYNTHETIC TURF @ ADJACENT PAVING (03)
9 4500 PSI CONCRETE BACKING TO SEAL-OFF VOID UNDER BOX
10 WRAP SYNTHETIC TURF IMPERMEABLE LINER ALONG SIDES OF BOX, TYP.

NOTES:
A. CONCRETE PAVING ATOP THE BOX LID SHALL BE FROM THE SAME CONCRETE BATCH POURED ADJACENT TO MATCH, TYP.
B. WHERE MULTIPLE UTILITY BOXES OCCUR THERE SHALL BE 12" MIN SEPARATION AND 2" SEPARATION FROM ADJACENT PAVING.

UTILITY BOX - ELEC
1 1/2" = 1'-0" | 13

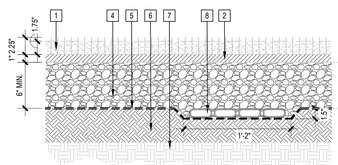


1 SYNTHETIC TURF SYSTEM, CMAS BY OWNER. SEE SHEET L0.01. (01)
2 IMPERMEABLE LINER, LAP UNDER HEADER, TYP
3 2X4X16 TREX HEADER ATTACHED W/ ZINC-PLATED & CERAMIC COATED 1/4"X4" MASONRY SCREW 4'-0" MAX O.C. AND NO FURTHER THAN 6" FROM EACH END.
4 ATTACH TURF FABRIC TO NAILER PER TURF MANUFACTURER'S RECOMMENDATIONS
5 INFILL FLUSH W/ ADJACENT CONCRETE PAVING.
6 EXISTING PAVEMENT TO REMAIN AND BE PROTECTED
7 EXISTING CONCRETE WALL TO REMAIN AND BE PROTECTED (WHERE OCCURS)

NOTE:
A. CONTRACTOR SHALL SAWCUT, CHIP OR CLEAN EXISTING PAVING TO ACCOMMODATE NEW TREX HEADER. SHORE EXCAVATIONS AND PROPERLY SUPPORT EXISTING STRUCTURES DURING EXCAVATION.

SYNTHETIC TURF @ EXISTING PAVING
1 1/2"=1'-0" | 03

1 SYNTHETIC TURF SYSTEM (01)
2 QCV UTILITY BOX PER L0.01 SPORTS EQUIP. LEGEND
3 SECURE SCH 80 BALL VALVE PER IRRIGATION.
4 PROVIDE BRICKS AT ALL FOUR CORNERS OF THE BOX DIRECTLY BELOW LEVELING BOLTS
5 COMPACTED SUBGRADE PER GEOTECH
6 3/4" CLEAN CRUSHED ANGULAR DRAIN ROCK SEE SPEC SECTION 321814
7 1" PVC STUB, CONNECT TO PERIMETER STORM DRAIN PER CIVIL
8 EXISTING CONCRETE BAND
9 4500 PSI CONCRETE BACKING TO SEAL-OFF VOID UNDER BOX



SYN. TURF SYSTEM @ FOOTBALL, SOCCER

1 SYNTHETIC TURF SYSTEM, CMAS BY OWNER. SEE SHEET L0.01.
2 SHOCKPAD, CMAS BY OWNER. SEE SHEET L0.01.
3 NOT USED
4 PERMEABLE BASE STONE, PER SPECIFICATIONS.
5 IMPERMEABLE LINER. ALL SEAMS TO BE HEAT WELDED/ THERMALLY FUSED
6 SUBGRADE COMPACTED PER GEOTECHNICAL REPORT, 90% RC MIN.
7 NATIVE UNDISTURBED SUBGRADE
8 12" W X 1" HT. SLEEVED FLAT COMPOSITE DRAINS, IN TRENCH, INSTALLED ABOVE NON-PERMEABLE LINER; REFER TO CIVIL PLANS FOR SLOPE & ALIGNMENT

NOTES:
A. SLOPE COMPACTED SUBGRADE FOR ENTIRE SYSTEM 0.5% TO PERIMETER SUBDRAINS AND AS INDICATED ON CIVIL PLANS.
B. FOR CONCRETE CURB AT TURF SYSTEM W/ ATTACHMENT SEE (03/-) (08/-)
C. FOR TURF DRAINAGE SYSTEM SEE (05/-)
D. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE HEIGHT AND THICKNESS OF THE SYNTHETIC TURF AND INFILL SYSTEMS WITH THE MANUFACTURER.
E. WHERE ONLY TURF IS BEING REPLACED, PROTECT (E) PERMEABLE BASE, AND SUBGRADE.

SYNTHETIC TURF SYSTEM WITH SHOCKPAD
1 1/2" = 1'-0" | 01

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LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALER
No. 5751
STATE OF CALIFORNIA
7/31/2026
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BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD
VENTURA, CA 93003

Developed for
VENTURA UNIFIED SCHOOL DISTRICT

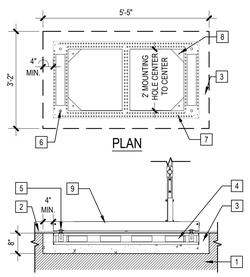
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
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Scale	AS NOTED

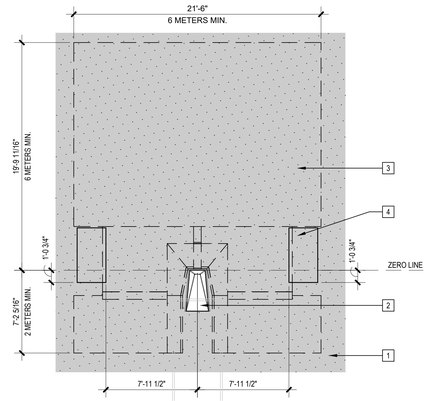
CONSTRUCTION DETAILS

L5.03



1 ASPHALT
2 SYNTHETIC TRACK SYSTEM
3 CONCRETE BASE
4 POLE VAULT STANDARD FORMING SYSTEM
5 3/8-16 X 2" MOUNT BOLTS (4)
6 3/8 -16 THREADED STAINLESS STEEL SLUGS (4)
7 PERFORATIONS FOR TRACK SURFACING ADHESION. SET FORMING SYSTEM FLUSH WITH ASPHALT BASE
8 REBAR HOLES FOR ANCHORING
9 POLE VAULT STANDARDS SYSTEM

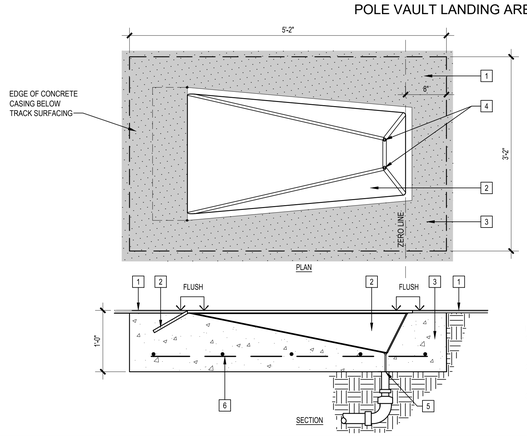
POLE VAULT FORMING SYSTEM | 1/2" = 1'-0" | 15



1 SYNTHETIC TRACK SURFACE PER (04 / L5.03)
2 RECESSED POLE VAULT BOX PER (13 / -)
3 LANDING PADS
4 POLE VAULT STANDARDS FORMING SYSTEM BASE PER (15 / -)

NOTE:
REFER TO SPORTS EQUIPMENT LEGEND ON SHEET L0.01 FOR MODEL NUMBERS AND QUANTITIES

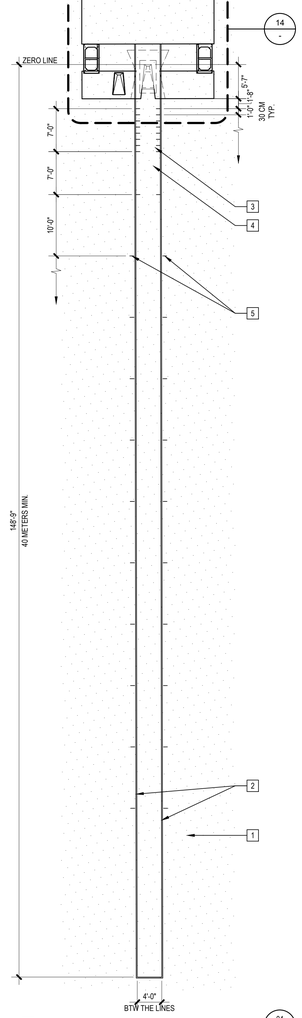
POLE VAULT LANDING AREA LAYOUT | 3/16" = 1'-0" | 14



1 RUBBERIZED TRACK SURFACING (04 / L5.03)
2 VAULT BOX PER SPORTS EQUIPMENT LEGEND ON SHEET L0.01
3 CONCRETE CASING FOR RECESSED BOX.
4 DRILL 1/4" WEEP HOLE IN EACH CORNER
5 CAST 2" SCH 40 COLLAR INTO CONCRETE WHERE 1/4" HOLES WILL DAYLIGHT. CONNECT TO SD PER CIVIL DRAWINGS
6 #4 REBAR @16" O.C. EACH WAY
7 3/4" DRAIN ROCK COMPACTED AROUND SD 12" DEEP X 3' SQAURE

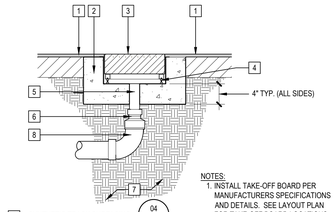
NOTE:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE YELLOW PADDED COLLAR PER SPORTS EQUIPMENT LEGEND L0.01
3. CONCRETE SHALL BE A MINIMUM OF 4500 PSI PER 321313.

POLE VAULT RECESSED BOX | 1" = 1'-0" | 13



1 RUBBERIZED TRACK SURFACE OVER AC PAVING @ RUNWAY PER (04 / L5.03)
2 2" STRIPING AT EDGES
3 2" X 12" STRIPE, CENTERED WITHIN RUNWAY
4 2"X30" STRIPE, CENTERED WITHIN RUNWAY
5 2"X4" STRIPES 2" CLR. OF RUNWAY @ 10 FT INTERVALS AS SHOWN

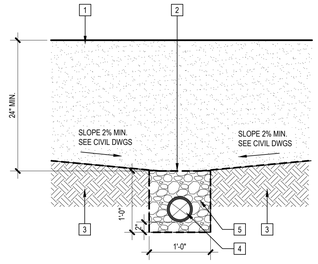
POLE VAULT LAYOUT | 1" = 10'=0" | 09



1 SYNTHETIC TRACK SURFACING
2 CONCRETE CASING FOR TAKE OFF BOARD/TRAY
3 TAKE-OFF SYSTEM PER MANUFACTURER. SEE FIELD EQUIPMENT LEGEND ON SHEET L0.01
4 LEVELING BOLTS
5 2" SCH. 80 PVC
6 2"x 4" REDUCER COUPLING
7 COMPACTED SUBGRADE PER GEOTECHNICAL REPORT
8 4" DRAIN SWEEP SD CONNECTING TO SD PER CIVIL

NOTES:
1. INSTALL TAKE-OFF BOARD PER MANUFACTURERS SPECIFICATIONS AND DETAILS. SEE LAYOUT PLAN FOR TAKE-OFF BOARD LOCATIONS.
2. FILL W/ POLYEURETHANE PLUG PER MANUFACTURER
3. PROVIDE 2X BOYS AND 2X GIRLS TAKE OFF BOARDS ON DEDICATED JUMP PITS.
4. CONCRETE SHALL BE A MINIMUM OF 4500 PSI PER 321313.

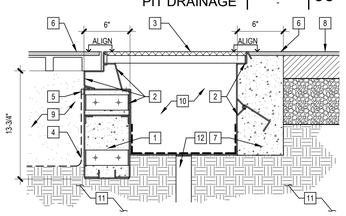
LONG JUMP / TRIPLE JUMP-TAKEOFF BOARD | 1"=1'-0" | 07



1 SAND (NO CLAY OR SILT), REFER TO SPEC, 2MM MAX. PARTICLE SIZE
2 NON WOVEN FILTER FABRIC MRAFI 140N
3 COMPACTED SUBGRADE PER (01 / L5.01)
4 4" PERFORATED DRAINLINE - CONNECT TO STORM DRAINAGE SYSTEM. REFER TO CIVIL PLANS
5 3/4" MINUS DRAIN ROCK

NOTE:
1. FOR EDGE DETAIL, SEE (05 / -)
2. FILL PITS W/ SAND FLUSH W/ CONCRETE EDGES. MOVE SAND TO SIDE SAND CATCHERS AS NEEDED TO ALLOW FOR PIT COVERS.

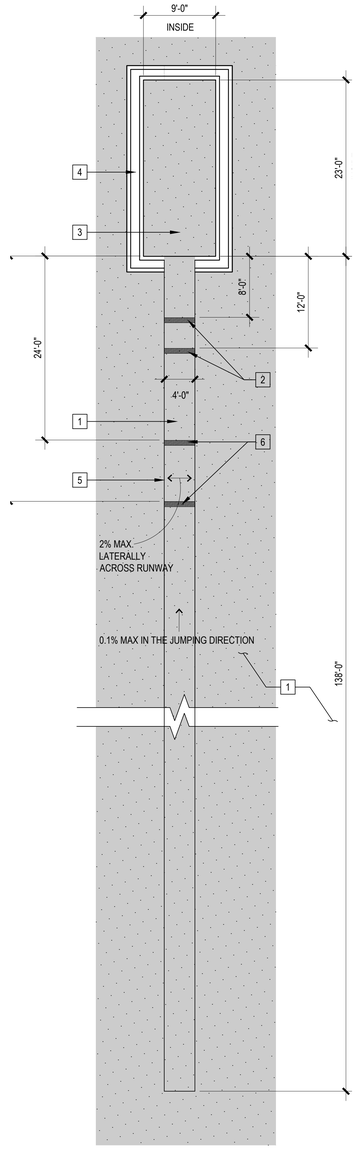
LONG JUMP TRIPLE JUMP-PIT DRAINAGE | 1"=1'-0" | 06



1 PIT FORM FILLED WITH CONCRETE, REFER TO SPECS AND MANUFACTURERS INSTALLATION PROCEDURE FOR ADDITIONAL INFORMATION
2 ALUMINUM SAND CATCHER SYSTEM PER MANUFACTURER
3 SAND CATCHER SYSTEM GRATE AND RUBBER MAT FLUSH WITH TOP EDGE OF TRACK SURFACE ON ALL SIDES
4 SOIL SEPARATOR FABRIC 'MIRAFI' 140 N
5 MASTIC SEAL
6 SYNTHETIC TRACK SURFACE TO COVER TOP OF PERIMETER CURB AND PIT COVERS TO MATCH
7 CONCRETE CURB
8 SYNTHETIC TRACK SURFACE PER (01 / -)
9 LONG JUMP SAND PIT, SEE (01 / -)
10 SAND CATCHER BASIN
11 COMPACTED SUBGRADE PER (01 / L5.01)
12 2" SCH 80 DRAINLINE - CUT HOLE IN METAL CASING, SEAL EDGES, AND COVER DRAIN PIPE OPENING WITH GRATE AND FILTER FABRIC. CONNECT TO SAND PIT SUBDRAIN

NOTE: FILL PITS W/ SAND FLUSH W/ TRACK SURFACE. MOVE SAND TO SIDE SAND CATCHERS AS NEEDED TO ALLOW FOR PIT COVERS.

LONG JUMP TRIPLE JUMP-SAND CATCHER SYSTEM | 1-1/2" = 1'-0" | 05



1 RUBBERIZED TRACK SURFACE (04 / L5.03)
2 LONG JUMP/ TRIPLE TAKE OFF BOARD (07 / -)
3 LONG JUMP BASIN (06 / -)
4 LONG JUMP SAND TRAP (05 / -)
5 2" STRIPING LINE AT EDGES. PROVIDE 48" WIDE LANE, TYP.
6 12"W STRIPING @ MENS AND WOMENS TRIPLE JUMP; TYP.

NOTES:
1. RUBBERIZED TRACK SURFACE BY DISTRICT
2. PIT COVERS TO BE SURFACED WITH RUBBERIZED TRACK SURFACING PER (04 / L5.03)
3. SAND CATCHER COVERS ARE BLACK RUBBER HEX MATS PER MANUF.

LONG JUMP /TRIPLE JUMP LAYOUT | 1/8" = 1'-0" | 01

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Irvine, California 92617

LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALEK
No. 5767
STATE OF CALIFORNIA
REGISTRATION EXPIRES: 08/31/2026
4/3/2025
DATE

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BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD
VENTURA, CA 93003

Developped for
VENTURA UNIFIED SCHOOL DISTRICT

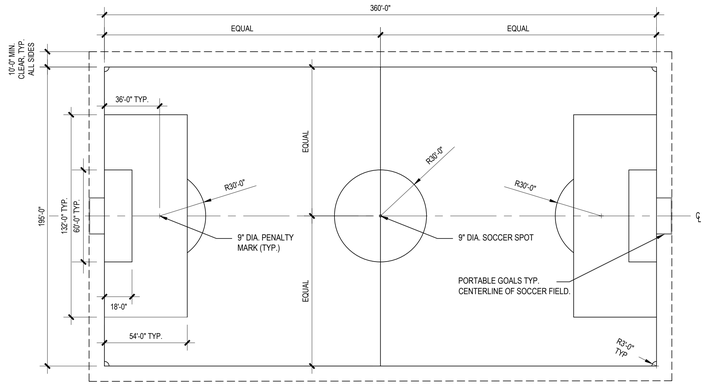
Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	AS NOTED

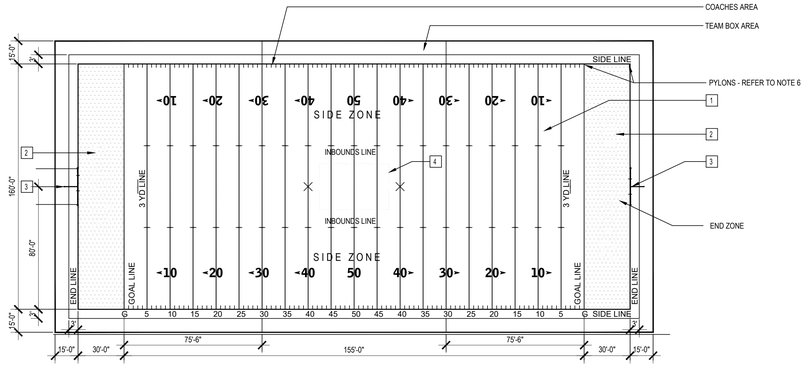
CONSTRUCTION DETAILS

L5.04



ALL SOCCER LINES ARE TO BE 4" SHEARED-IN LINES AND SHALL BE PER NFHS STANDARDS. VENDOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

SOCCER LAYOUT AT STADIUM FIELD | 1" = 40'-0" | 04



1 SYNTHETIC TURF SURFACING (01 / L5.03)
2 SCHOOL NAME AND/OR NICKNAME PER DISTRICT APPROVED MARKING LAYOUT
3 PROVIDE FOOTBALL GOAL POST PER (17 / -)
4 SCHOOL LOGO PER DISTRICT APPROVED LOGO LAYOUT.

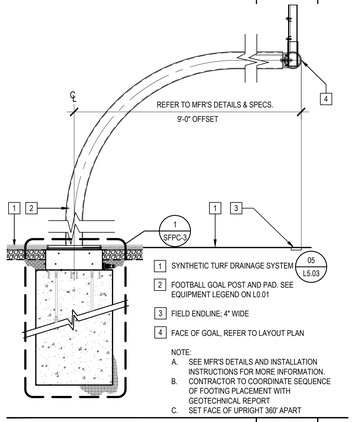
NOTES:
1. ALL LINES SHALL BE NON-CAUSTIC MATERIAL
2. ALL LINES TO BE 4" WIDE
3. SPECTATOR BARRIER TO BE 15' FROM EDGE OF PLAYING FIELD
4. IT IS RECOMMENDED THE GOAL LINES AND THE TEAM BOX BOUNDARIES BE MARKED IN A COLOR WHICH CONTRASTS WITH OTHER FIELD MARKINGS AND THE COACHES AREA BE WHITE OR MARKED WITH DIAGONAL LINES.
5. DECORATIVE MARKINGS IN THE END ZONES SHALL BE NO CLOSER THAN 2' TO BOUNDARY AND GOAL LINES
6. THE PYLONS SHALL BE SOFT AND FLEXIBLE (4" SQ. X 18" HIGH) AT THE INSIDE CORNER OF THE GOAL LINES AND END LINES
7. ELECTRICAL OUTLETS TO BE PLACED NEAR THE 50 YARD LINE ON EITHER SIDE OF THE FOOTBALL FIELD AND ALL FOUR CORNERS - REFER TO THE SPECIFIC PROJECT ELECTRICAL PLANS FOR INFO
8. UTILITY BOXES PER MATERIALS PLAN AND (10 / - , 11 / - , 13 / -)

FOOTBALL FIELD LAYOUT | 1" = 40'-0" | 03

1 SOCCER GOAL SAFETY SYSTEM PER MANUFACTURER
2 SYNTHETIC TURF FIELD SYSTEM (01 / L5.03)
3 TREX BOARD HEADER (07 / L5.04 SIM.)
4 CONCRETE CURB @ D-ZONE
5 BASE MATERIAL AND COMPACTED SUBGRADE PER GEOTECHNICAL REPORT
6 CIP CONCRETE BASE
7 CONNECT 1" PVC DRAIN PIPE TO SD SYSTEM. SEE CIVIL DWGS.
8 ADHERE SYNTHETIC TURF SYSTEM TO THE TREX PER MANUFACTURER

NOTE:
A. SEE UTILITY BOX DETAIL FOR MORE INFORMATION (10 / L5.03 SIM.)

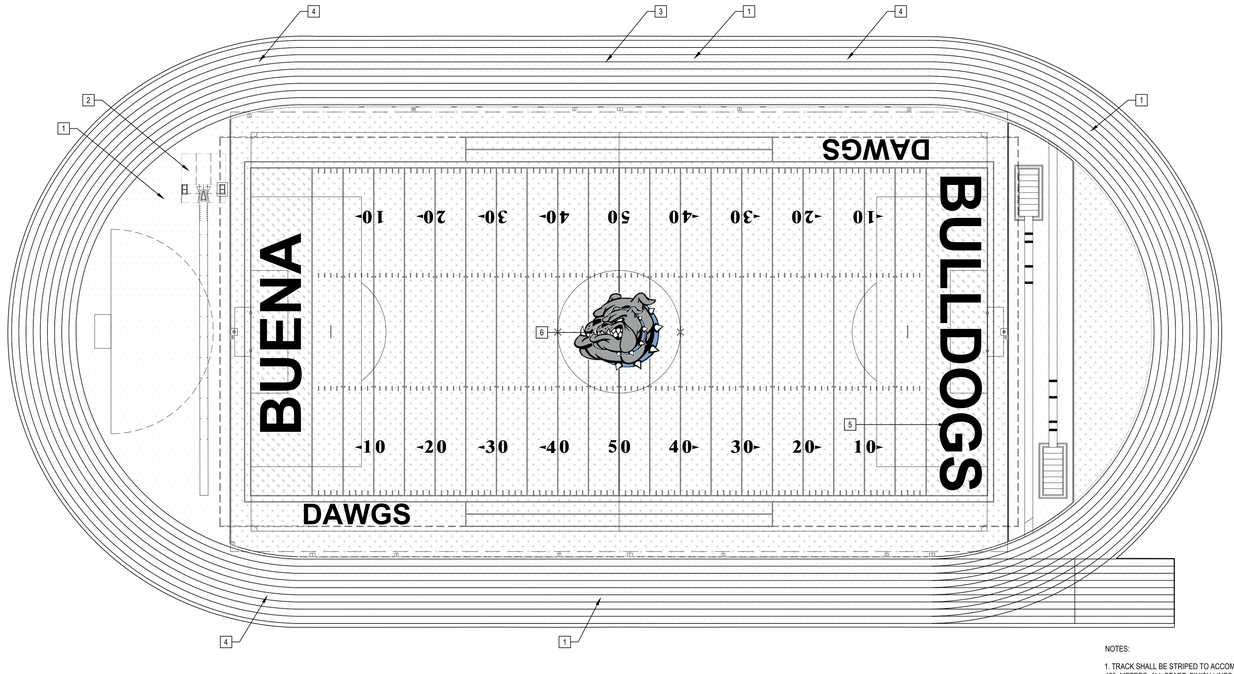
FOOTBALL AND SOCCER ACCESS BOX | 1 1/2" = 1'-0" | 18



1 SYNTHETIC TURF DRAINAGE SYSTEM (05 / L5.03)
2 FOOTBALL GOAL POST AND PAD. SEE EQUIPMENT LEGEND ON L0.01
3 FIELD ENDLINE, 4" WIDE
4 FACE OF GOAL. REFER TO LAYOUT PLAN

NOTE:
A. SEE MFR'S DETAILS AND INSTALLATION INSTRUCTIONS FOR MORE INFORMATION.
B. CONTRACTOR TO COORDINATE SEQUENCE OF FOOTING PLACEMENT WITH GEOTECHNICAL REPORT
C. SET FACE OF UPRIGHT 360° APART

FOOTBALL GOAL POST | 1/2" = 1'-0" | 17



1 FOOTBALL MARKINGS PER (03 / -)
2 SOCCER MARKINGS PER (04 / -)
3 TRACK SURFACING LT GRAY PER CMAS, SEE (04 / L5.03)
4 TRACK SURFACING @ EXCHANGE ZONES, COLOR LIGHT BLUE PER CMAS
5 ENDZONE LETTERING PER CMAS
6 SCHOOL LOGO PER CMAS
7 SIDELINE LETTERING PER CMAS

NOTES:

1. TRACK SHALL BE STRIPED TO ACCOMMODATE (9) 42" LANES AT 400 METERS. ALL START, FINISH LINES, LANE LINES, LANE IDENTIFICATION NUMBERS, AND FIELD EVENT STRIPING SHALL BE FURNISHED AND INSTALLED BY THE DISTRICT VIA CMAS.

2. SYNTHETIC TURF AND ALL-WEATHER TRACK SURFACE FURNISHED AND INSTALLED BY DISTRICT.

3. FOR TRACK SURFACING LAYOUT, MANUF. TO SUBMIT SHOP DRAWINGS FOR REVIEW

4. ALL DIMENSIONS ARE INSIDE TO INSIDE

5. ALL FIELD LINES ARE TO BE 4" SHEARED-IN LINES AND SHALL BE PER NFHS STANDARDS. ALL DIMENSIONS ARE INSIDE TO INSIDE. VENDOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

TRACK AND FIELD STRIPING AND LOGOS | 1" = 30'-0" | 01

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

LPA

ARCHITECTURE ENGINEERING INTERIOR DESIGN
LANDSCAPE ARCHITECTURE PLANNING

949-261-1001 Office

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5301 California Avenue, Suite 100
Irvine, California 92617

LICENSED LANDSCAPE ARCHITECT — MICHAEL MICHALER — 5757 — STATE OF CALIFORNIA
7/31/2025 — Renewal
4/1/2025 — 10/31/2026

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BUENA HIGH SCHOOL
TRACK AND FIELD REPLACEMENT

5670 TELEGRAPH ROAD
VENTURA, CA 93003

Developed for
VENTURA UNIFIED SCHOOL DISTRICT

Revision	Date

Submittal	Date
SCHEMATIC DESIGN	11/22/2024
DSA SUBMITTAL #1	01/30/2025
DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	1" = 20'-0"

CONSTRUCTION DETAILS

L5.05

PLANTING LEGEND

TREE LIST

(NCN.)- NO COMMON NAME (*)- UNLESS NOTED ON PLAN

REF.	SYM.	QTY.	BOTANICAL NAME/ COMMON NAME	WUCOLS	SIZE/ SPACING	COMMENTS/ DET
T1	△	2	SCHINUS TEREBINTHIFOLIA/ PEPPER TREE	M	24" BOX/ PER PLAN	01/ L7.02

SHRUB LIST

S1		AS REQ'D	TRACHELOSPERMUM ASIATICUM/ STAR JASMINE	M	5 GAL/ 30" O.C.	03/ L7.02

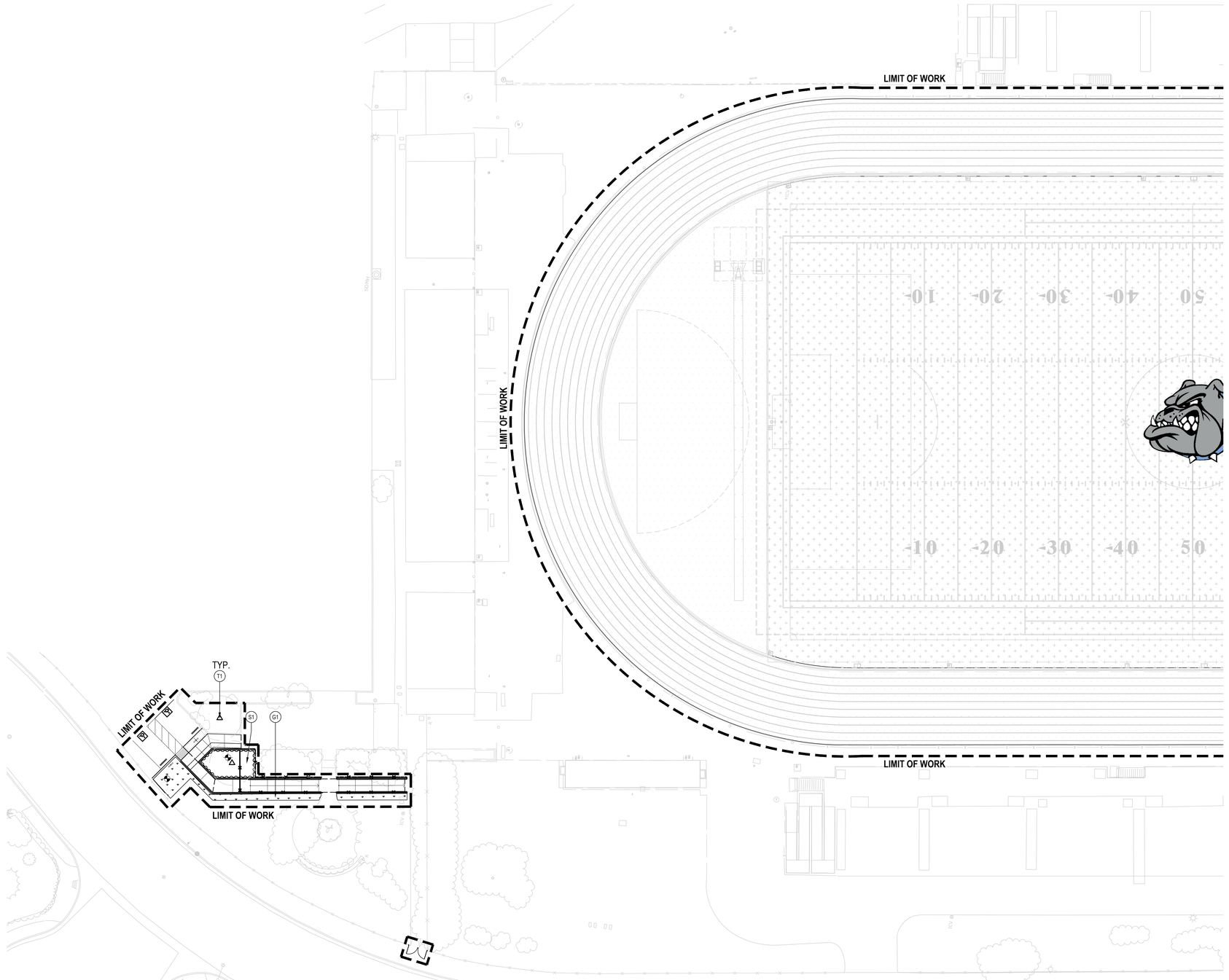
TURF LIST

G1		AS REQ'D	PER DISTRICT STANDARD	-	PER PLAN	PER CMAS

MISCELLANEOUS SYMBOLS

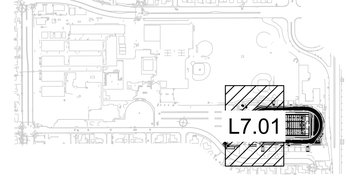
	LINEAR ROOT BARRIER	07/ L7.02
	SOIL SAMPLE LOCATION (2 TOTAL)	

NOTE:
A. REFER TO GENERAL IRRIGATION NOTES LEGEND ON SHEET L0.01 FOR ADDITIONAL INFORMATION REGARDING IMPACTED EXISTING IRRIGATION AND ASSOCIATED COMPONENTS.



PLANTING PLAN | 1" = 20'-0" | 05

KEYMAP



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LICENSED LANDSCAPE ARCHITECT
MICHAEL MICHALER
No. 5571
11/1/2026
RENEWAL
4/1/2025
DATE
STATE OF CALIFORNIA

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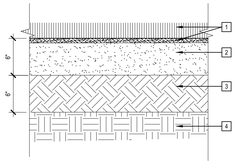
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Job Number	32210
Checked By	MM | CA
Scale	1" = 20'-0"

PLANTING PLAN

L7.01



1 NATURAL TURF SOD, PER PLANTING PLANS

2 USGA SAND-BASED GROWING MEDIUM ROOT ZONE: (SEE SPECS)

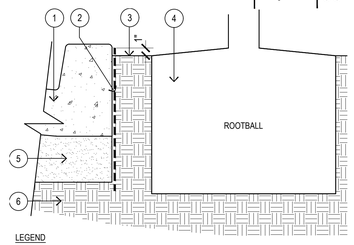
3 AMENDED ONSITE SOIL ROTO-TILLED OR INCORPORATED PER SOILS LABORATORY RECOMMENDATIONS.

4 EXISTING SUBGRADE PER GEOTECHNICAL REPORT. SCARIFY, RIP AND CROSS RIP.

NOTE: FINE GRADE FS AND SLOPE TO STORM DRAINAGE PER CIVIL. 0.5% MIN.

NATURAL GRASS - ROOT ZONE

1 1/2" = 1'-0" | 08



LEGEND

1 CONCRETE CURB, GUTTER, OR SIDEWALK.

2 LINEAR ROOT BARRIER BY 'DEEP ROOT'. SEE PLANTING PLAN. MODEL # UB24-2

3 FINISH GRADE.

4 ADJACENT ROOTBALL. VERIFY THE EXACT LOCATION AND PROTECT AT ALL TIMES.

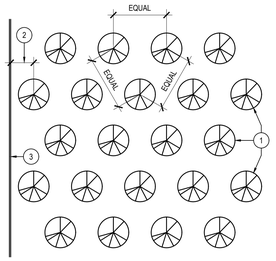
5 BASE MATERIAL FROM ADJACENT HARDSCAPE.

6 COMPACTED SUBGRADE FROM ADJACENT HARDSCAPE.

NOTE:
A. VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION.

LINEAR ROOT BARRIER

1 1/2"=1'-0" | 07



LEGEND:

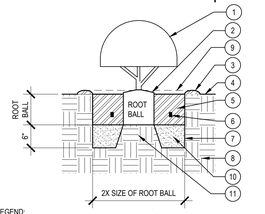
1 LOCATE PLANTS WITH EQUAL SPACING AS INDICATED ON PLAN (TRIANGULAR SPACING).

2 1/2 ON CENTER SPACING.

3 PAVING, BUILDING, OR HEADER SHOWING PLANTING AREA LIMIT.

TRIANGULAR SPACING

1/4" = 1'-0" | 04



LEGEND:

1 1 TO 15 GALLON SHRUB; REFER TO PLANTING PLAN.

2 SET CROWN OF ROOTBALL 1" ABOVE FINISH GRADE AND SLOPE SOIL AWAY FROM ROOTBALL. ADJUST HEIGHT OF PLANTING TO ACCOMODATE SETTLING DUE TO SOIL TYPES.

3 WATER BASIN. 4" MIN. FOR 5 GAL. & LARGER. 2" MIN FOR 1 GAL.

4 FINISH GRADE

5 AMENDED BACKFILL; SEE SPECS FOR MIX.

NOTE:
A. FOR SHRUB SPACING SEE 04 -

6 PLANT TABLET; SEE SPECS.

7 SCARIFY SIDES AND BOTTOM OF PLANTING PIT.

8 EXISTING SOIL.

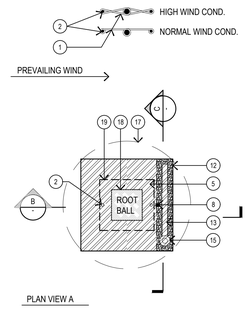
9 3" MULCH, MAINTAIN CONSTANTLY. SEE SPECS.

10 COMPACTED BACKFILL; SEE SPECS. PUDDLE AND SETTLE PRIOR TO SETTING SHRUB.

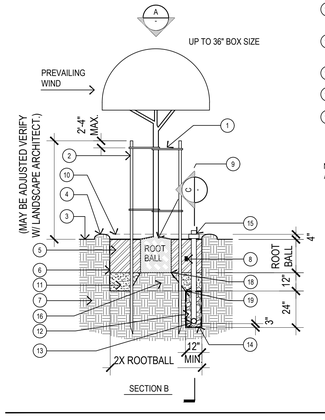
11 UNDISTURBED EXISTING SOIL TO FORM PEDESTAL. REPLACE WITH COMPACTED NATURAL SOIL IF HARDPAN EXISTS.

SHRUB PLANTING DETAIL

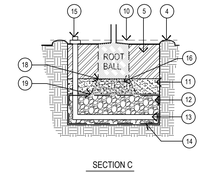
3/4" = 1'-0" | 03



PLAN VIEW A



SECTION B



SECTION C

LEGEND

1 32" BLACK VIT "CINCH TIES". ATTACH W/ TWO ROOFING NAILS. FOR 36" BOX AND LARGER, USE BLACK VIT "CINCH BELT". SEE PLAN VIEW. FOR HIGH WIND CONDITIONS: VIT TWIST BRACES ATTACH W/ TWO ROOFING NAILS. TYPICAL TWO EACH SIDE. SEE PLAN VIEW.

2 2" DIA. X 12' LODGE POLE PINE STAKES. 3" DIA X 12' LODGE POLE PINE STAKES FOR 36" BOX AND LARGER TREES. (HEIGHT OF STAKE -8'-10'-12' SHOULD BE ADJUSTED BASED ON CONTAINER SIZE, HEIGHT OF TREE, AND GROWTH RATE) CUT STAKES TO MATCH HT. AS DIRECTED BY LANDSCAPE ARCHITECT.

3 FINISH GRADE

4 WATER BASIN. 4" MIN. DEPTH FOR 5 GAL. & LARGER IN LAWN AREAS AND AS DIRECTED BY LANDSCAPE ARCHITECT.

5 AMENDED BACKFILL. SEE SPECIFICATIONS FOR MIX AND PIT SIZE.

6 SCARIFY SIDES AND BOTTOM OF PLANTING PIT.

7 EXISTING SOIL.

8 PLANT TABLET. PER SPECS.

9 SET TOP OF ROOTBALL X" ABOVE SURROUNDING GRADE AND SLOPE FOR DRAINAGE. PROVIDE 2' DIA. MULCH RING AT TREES WITHIN TURF. ADJUST HEIGHT OF TREE PLANTING TO ACCOMMODATE SETTLING DUE TO SOIL TYPE.

10 3" MULCH, MAINTAIN CONSTANTLY.

11 COMPACTED BACKFILL. PUDDLE AND SETTLE PRIOR TO SETTING TREE.

12 12" WIDE TRENCH ALONG ONE SIDE. FILL WITH 3/4" DRAIN GRAVEL.

13 4" PERFORATED DRAIN PIPE PLACED HORIZONTAL.

14 "MIRAFI" 140N FILTER FABRIC.

15 4" NIBCO, BLACK - 'ABS' PLUG 4" NIBCO, BLACK - 'ABS' FEMALE RECIEVER NDS, WHITE 'PVC' ADAPTOR FOR CONNECTION FROM FEMALE RECIEVER TO PVC SOLID STAND PIPE

16 UNDISTURBED EXISTING SOIL TO FORM PEDESTAL AND PREVENT SETTLING. REPLACE WITH COMPACTED NATURAL SOIL IF HARDPAN EXISTS.

17 TREE CANOPY

18 BOTTOM OF ROOTBALL/ TOP OF PEDESTAL.

19 BASE OF PEDESTAL FOR TREE.

NOTE:
A. PROVIDE (2) 6" DIA. x 6' DEEP AUGER HOLES IF EXCAVATED HOLE DOES NOT DRAIN FASTER THAN 1" PER HOUR AS DETERMINED BY SOILS REPORT AND FIELD CONDITIONS.

TREE STAKING AND PLANTING DETAIL

1/4"=1'-0" | 01

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SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

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MICHAEL NICHALEK
No. 5152
7/31/2026
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DSA SUBMITTAL #2	04/07/2025

Job Number	32210
Checked By	MM | CA
Scale	AS NOTED

PLANTING DETAILS

L7.02

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2022 CBC

Application Number:	**School Name:**	**School District:**
04-122813	Football Goal Posts PC Renewal	Sportsfield Specialties
DSA File Number:	**Increment Number:**	**Date Created:**
		2023-11-06 10:05:26

2022 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Undefined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS

1. TYPE	2. PERFORMED BY
Continuous – Indicates that a continuous special inspection is required **Periodic** – Indicates that a periodic special inspection is required **Test** – Indicates that a test is required	**GE (Geotechnical Engineer)** – Indicates that the special inspection shall be performed by a registered geotechnical engineer or his or her authorized representative. **LOR (Laboratory of Record)** – Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See CAC Section 4-335. **PI (Project Inspector) –** Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA. **SI (Special Inspection)** – Indicates that the special inspection shall be performed by an appropriately qualified/approved special inspector.

Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report

	S1. GENERAL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify that: • Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. • Foundation excavations are extended to proper depth and have reached proper material. • Materials below footings are adequate to achieve the design bearing capacity.	**See Notes**	**PI**	Refer to specific items identified in the Appendix listing exemptions for limitations. Placement of controlled fill exceeding 12" depth under foundations is not permitted without a geotechnical report.

	S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Note**
☑	**a.** Inspect drilling operations and maintain complete and accurate records for each pier.	**Continuous**	**PI**	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
☑	**b.** Verify pier locations, diameters, plumbness and lengths.Record concrete or grout volumes.	**Continuous**	**PI**	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
☑	**c.** Concrete piers.	Provide tests and inspections per CONCRETE section below.		

	C1. CAST-IN-PLACE CONCRETE			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify use of required design mix.	**Periodic**	**SI**	**Table 1705A.3 Item 5, 1910A.1.**
☑	**b.** Identify, sample, and test reinforcing steel.	**Test**	**LOR**	**1910A.2;** ACI 318-19 Ch.20 and Section 26.6.1.2; DSA IR 17-10. (See Appendix (end of this form) for exemptions.)
☑	**c.** During concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	**Test**	**LOR**	**Table 1705A.3 Item 6**; ACI 318-19 Sections 26.5 & 26.12.
☑	**d.** Test concrete (f'_c).	**Test**	**LOR**	**1905A.1.17;** ACI 318-19 Section 26.12.
☐	**e.** Batch plant inspection:	**See Notes**	**SI**	Default of '**Continuous**' per **1705A.3.3**. If approved by DSA, batch plant inspection may be reduced to '**Periodic**' subject to requirements in Section **1705A.3.3.1,** or eliminated per **1705A.3.3.2.** See IR 17-13. (See Appendix (end of this form) for exemptions.)
☐	**f.** Welding of reinforcing steel.	Provide special inspection per STEEL, Category S/A4(d) & (e) and/or S/A5(g) & (h) below.		

NOTE:
THIS IS A SAMPLE DSA 103. A PROJECT SPECIFIC DSA 103 MUST BE PROVIDED FOR EACH APPLICATION TO CONSTRUCT FOR EACH SITE ON WHICH THIS PC IS USED.

DESCRIPTION	DESIGN VALUES
ALLOWABLE SOIL PRESSURE	
DL+LL (CONCRETE FOOTING)	1500 PSF
DL+LL+SEISMIC (CONCRETE FOOTING)	100 PCF LATERAL
FLOOD DESIGN	
FLOOD HAZARD AREA:	NO
WIND DESIGN	
BASIC WIND SPEED (3-SECOND GUST), V_{ULT}	95 MPH
RISK CATEGORY	I
WIND EXPOSURE CATEGORY:	C
TOPOGRAPHIC FACTOR, K_{ZT} (1 MIN.).	1
INTERNAL PRESSURE COEFFICIENT, GC_{Pi} (IF APPLICABLE).	N/A
SEISMIC DESIGN	
LATERAL FORCE-RESISTING SYSTEM NON-BUILDING STRUCTURE, ASCE7-16, Ch15	POLE: STEEL
ANALYSIS PROCEDURE	STATIC (ELF)
SEISMIC DESIGN CATEGORY (SDC).	E
SEISMIC IMPORTANCE FACTOR, I_E	1.0
DESIGN BASE SHEAR, V	SEE SHEET SFPC-3
SEISMIC RESPONSE COEFFICIENT, C_S	1.66
RESPONSE MODIFICATION FACTOR, R	1.5
SITE CLASS	D (DEFAULT)
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD, S_S	3.11
SHORT-PERIOD SITE COEFFICIENT, F_A	1.2
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD, S_{DS} – USED TO DETERMINE C_S	2.487
MAPPED SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD, S_1	1.23
LONG-PERIOD SITE COEFFICIENT, F_V	1.7
DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD, S_{D1}	1.39
HORIZONTAL OR VERTICAL IRREGULARITY TYPE(S)	NONE

PARTIAL LIST OF APPLICABLE CODES AS OF January 1, 2023*

2022 California Administrative Code (CAC), Part 1, Title 24 CCR*
2022 California Building Code (CBC), Part 2, Title 24 CCR
2022 California Electrical Code (CEC), Part 3, Title 24 CCR
2022 California Mechanical Code (CMC), Part 4, Title 24 CCR
2022 California Plumbing Code (CPC), Part 5, Title 24 CCR
2022 California Energy Code (CEC), Part 6, Title 24 CCR
2022 California Fire Code (CFC), Part 9, Title 24 CCR
2022 California Existing Building Code (CEBC), Part 10, Title 24 CCR
2022 California Green Building Standards Code (CALGreen), Part 11, Title 24 CCR
2022 California Referenced Standards Code, Part 12, Title 24 CCR
Title 19 CCR, Public Safety, State Fire Marshal Regulations

SCOPE OF WORK

THE SCOPE OF WORK FOR THIS PC INCLUDES THE CONSTRUCTION OF FOUNDATIONS FOR THE SPORTSFIELD SPECIALTIES ADJUSTRIGHT FOOTBALL GOAL POSTS. THE FOUNDATIONS HAVE BEEN DESIGNED BASED ON CODE MINIMUM VALUES. THE DESIGN LOADS ARE LIMITED TO WHAT IS SHOWN IN THE GENERAL NOTES.

GENERAL

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE STRUCTURAL ENGINEER OF RECORD (S.E.O.R.) SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2. ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE S.E.O.R. PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR S.E.O.R.
3. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
4. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES:
   2022 CALIFORNIA BUILDING CODE AND LATEST REVISIONS REFERRED TO HERE AS "THE CODE", AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND THOSE CODES & STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.
5. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC.
6. ASTM SPECIFICATIONS ON THE DRAWINGS SHALL BE OF THE LATEST APPROVED REVISION.
7. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
8. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
9. 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.
10. A 'DSA CERTIFIED' PROJECT INSPECTOR, CLASS 2, EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY 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.
11. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

DESIGN LOADS

WIND LOAD - PER CHAPTER 16A OF THE CODE UTILIZING THE FOLLOWING PROCEDURE: - MWFRS DIRECTIONAL PROCEDURE - ASCE 7-16 - CHAPTER 29

RISK CATEGORY = I
IMPORTANCE FACTOR, Iw = 1.0
ULTIMATE DESIGN WIND SPEED, V (3 SECOND GUST) = 95 MPH ULT
WIND EXPOSURE = C
TOPOGRAPHIC FACTOR, Kzt = 1.0
WIND DIRECTIONALITY FACTOR, Kd = 0.85
GUST EFFECT FACTOR, G = 0.85

SEISMIC LOADS - PER CHAPTER 16A OF THE CODE UTILIZING THE FOLLOWING PROCEDURE:
- SEISMIC DESIGN REQUIREMENTS FOR NON-BUILDING STRUCTURES
RISK CATEGORY = I
IMPORTANCE FACTOR = 1.0
Ss = 3.11
S1 = 1.23
SITE CLASS = D (DEFAULT)
SDS = 2.487
SD1 = 1.39

SEISMIC FORCE RESISTING SYSTEM:
- STEEL POLE (NON-BUILDING STRUCTURE) PER ASCE 7-16 15.4.1.

R = 1.5

Ωo = 1.5

Cd = 1.5

FLOOD ZONE:

- IF PROJECT SPECIFIC SITE IS OTHER THAN FLOOD ZONE 'X', A SIGNED AND SEALED LETTER FROM A GEOTECH ENGINEER SHALL VALIDATE THE ALLOWABLE SOILS VALUES OR PROVIDE ALTERNATE(S).

SHEET INDEX	
SHEET NUMBER	SHEET NAME
SFPC-1	GENERAL NOTES AND DSA FORM 103
SFPC-2	GENERAL NOTES, ABBREVIATIONS AND SYMBOLS
SFPC-3	SECTIONS AND DETAILS
SFPC-4	SPORTSFIELD SPECIALTIES DETAILS

TOTAL SHEETS FOR THIS PC: 4

Project Specific Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

PRE-CHECKED
FOOTBALL GOAL POSTS

Owner

SPORTSFIELD SPECIALTIES
WWW.SPORTSFIELDSPECIALTIES.COM

41155 State Highway 10,
PO Box 231 Delhi, NY 13753

Issue/Revision

Issue No.	Rev. No.	Description	Date
		DSA SUBMITTAL	09/19/2023

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122813 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 12/19/2023

kpff
18400 Von Karman Ave., Suite 600
Irvine, CA 92612
O: 949.252.1022
F: 949.252.8082
www.kpff.com

PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

Seal/Signature

REGISTERED PROFESSIONAL ENGINEER
WILLIAM H. TAM
No. S6...
Exp. 3-31-24
STRUCTURAL
STATE OF CALIFORNIA

Sheet Title:
GENERAL NOTES AND DSA FORM 103

Designed By: CE/JS	Project Number: 2200333
Drawn By: FC	Scale: AS NOTED
Checked By: WT	Sheet Number: SFPC-1
Date: 2023-06-06	

Date: Dec 12, 2023 - 10:48am - Drawing: S:\Projects\2022\2200333 - DSA 2022 PC for Football Goal Posts\DRAWINGS\AutoCAD\SFPC-1.dwg - Layout: SFPC-1 - Printed By: LGarayburu - Profile: KPFF-ARIAL - Job Name: DSA PC for Football Goal Posts - PM: JS - PD: FC/GN
Xrefs: 2200333TB.dwg

ABBREVIATIONS

A	AREA (IN^2)
AB	ANCHOR BOLT
ABV	ABOVE
ADD'L	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR
APPVD	APPROVED
APROX	APPROXIMATELY
ARCH	ARCHITECTURAL; ARCHITECT
AR	ANCHOR ROD
ARND	AROUND
&	AND
@	AT
BEL	BELOW
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BN	BOUNDARY NAIL
BNDRY	BOUNDARY
BOT OR B	BOTTOM
BOF	BOTTOM OF FOOTING
BRCG	BRACING
BRG	BEARING
BSMT	BASEMENT
BT	BENT
BTW	BETWEEN
BYND	BEYOND
CAM OR C	CAMBER
CALCS	CALCULATIONS
CANT	CANTILEVER
CBC	CALIFORNIA BUILDING CODE
CC	CENTER TO CENTER
CCR	CALIFORNIA CODE OF REGULATIONS
CG	CENTER OF GRAVITY
CIP	CAST IN PLACE
CJ	CONSTRUCTION JOINT; CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLG	CEILING
CLR	CLEARANCE; CLEAR
CMU	CONCRETE MASONRY UNIT
CO	COMPANY
COL	COLUMN
COMP	COMPRESSION
CONC	CONCRETE
CONN	CONNECTION; CONNECT
CONST	CONSTRUCTION
CONT	CONTINUE; CONTINUOUS
CONTR	CONTRACTOR
CP	COMPLETE PENETRATION
CTR	CENTER
CTSK	COUNTERSINK; COUNTERSUNK
CF	CUBIC FOOT
d	PENNY (NAIL OR d_b)
DBL	DOUBLE
DBLR	DOUBLER
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF/L	DOUGLAS FIR/LARCH
DIA OR Ø	DIAMETER
DIAG	DIAGONAL
DIAPH	DIAPHRAGM
DIM	DIMENSION
DIR	DIRECTION
DIST	DISTANCE
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DWG	DRAWING
DWL	DOWEL
(E)	EXISTING
EA	EACH
EF	EACH FACE
e.g.	FOR EXAMPLE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMB	EMBEDDED
EN	EDGE NAIL
ENGR	ENGINEER
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ES	EACH SIDE
ETC	ET CETERA
EW	EACH WAY
EXIST	EXISTING
EXT	EXTERIOR
Fb	ALLOWABLE BENDING STRESS
FB	FLAT BAR
F'c	CONCRETE COMPRESSION STRENGTH
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FINISH FLOOR
FHWS	FLAT HEAD WOOD SCREW
FIN	FINISH
FLR	FLOOR
FLG	FLANGE
FN	FIELD NAIL
F'm	MASONRY COMPRESSIVE STRENGTH
FOS	FACE OF STUD
FOW	FACE OF WALL
FP	FIREPROOF; FULL PENETRATION
FRMG	FRAMING
FS	FULL SIZE; FAR SIDE
FT	FOOT; FEET
FTG	FOOTING
Fy	YIELD STRENGTH
GA	GAUGE
GB	GRADE BEAM
GC	GENERAL CONTRACTOR
GALV	GALVANIZED
GAR	GARAGE
GEN	GENERAL
GLB	GLUED LAMINATED BEAM
GND	GROUND
GR	GRADE
HD	HOLDOWN
HDR	HEADER
HGR	HANGER
HK	HOOK
HORIZ OR H	HORIZONTAL
HOSP	HOSPITAL
HP	HEAVY PILING
HR	HARD ROCK
HS	HIGH STRENGTH
HT	HEIGHT
I	MOMENT OF INERTIA
ID	INSIDE DIAMETER
i.e.	THAT IS
IF	INSIDE FACE
IN	INCH
INCL	INCLUDE, INCLUDING
INFO	INFORMATION
INSP	INSPECTION, INSPECTOR
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
JST	JOIST
JT	JOINT
KIP OR K	1,000 POUNDS
KO	KNOCK-OUT
KP	KING POST
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
LAB	LABORATORY
LBS OR #	POUND
LDGR	LEDGER
LF	LINEAL FOOT
LG	LONG
LH	LOW HYDROGEN
LIN	LINEAL; LINEAR
LL	LIVE LOAD
LLBB	LONG LEGS BACK-TO-BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOCS	LOCATIONS
LONGIT	LONGITUDINAL
LO-HY	LOW HYDROGEN
LP	LOW POINT
LSH	LONG SLOTTED HOLES
LTWT	LIGHTWEIGHT
LVL	LEVEL
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MK	MARK
MTL	METAL
MULT	MULTIPLE
(N)	NEW
N	NORTH
NAT	NATURAL
NF	NEAR FACE
NIC	NOT IN CONTRACT
NLG	NAILING
NO. OR #	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OPNG	OPENING
OSB	ORIENTED STRAND BOARD
PARA OR //	PARALLEL
PC	PRECAST
PC	PIPE COLUMN
PCF	POUNDS PER CUBIC FOOT
PCI	POUNDS PER CUBIC INCH
PDF	POWER DRIVEN FASTENERS
PLF	POUNDS PER LINEAL FOOT
PE	POLYETHYLENE, PROFESSIONAL ENGINEER
PERP OR ⊥	PERPENDICULAR
PHWS	PER HEAD WOOD SCREW
PI	PLYWOOD INDEX
PJ	PANEL JOINT
PJP	PARTIAL JOINT PENETRATION
PL OR PL	PLATE
PL	PROPERTY LINE
PLY	PLYWOOD
PLCS	PLACES
PLBG	PLUMBING
PNL	PANEL
PP	PARTIAL PENETRATION
PREFAB	PREFABRICATED
PRKG	PARKING
PROJ	PROJECT
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PUN	PUNCHED
PTDF	PRESSURE TREATED DOUGLAS FIR
PTFE	POLYTETRAFLUORETHYLENE (TEFLON)
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWJ	PLYWOOD WEB JOIST
RAD	RADIUS
RAFT	RAFTER
RD	ROOF DRAIN
REF	REFERENCE
REG	REGULAR
REINF	REINFORCE; REINFORCING
REQ	REQUIRED
RET	RETAINING
REV	REVISION
RF	ROOF
RM	ROOM
RO	ROUGH OPENING
S	ELASTIC SECTION MODULUS
SCHED	SCHEDULE
SECT	SECTION
SEL	SELECT
SEP	SEPARATION
SFRS	SEISMIC FORCE RESISTING SYSTEM
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SIMP	SIMPSON
SJ	SEISMIC JOINT
SLBB	SHORT LEGS BACK-TO-BACK
SMS	SHEET METAL SCREWS
SPA	SPACES
SPCG	SPACING
SPCL	SPECIAL
SPCS	SPACES
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	SELECT STRUCTURAL
SSH	SHORT SLOTTED HOLES
STAGG	STAGGER
STD	STANDARD
STIFF	STIFFENER
STIRR	STIRRUP
STL	STEEL
STRUC	STRUCTURAL
SW	SHEAR WALL
SYM	SYMMETRICAL
T	TOP
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
T/	TOP OF
TB	TIE BEAM
TEMP	TEMPERATURE, TEMPORARY
THK	THICK
THRU	THROUGH
TL	TOTAL LOAD
TN	TOE NAIL
TOB	TOP OF BEAM
TOC	TOP OF CURB
TOL	TOP OF LEDGER
TOS	TOP OF STEEL
TOSH	TOP OF SHEAR WALL
TOSL	TOP OF SLAB
TOW	TOP OF WALL
TRANSV	TRANSVERSE
TSG	TAPERED STEEL GIRDER
TYP	TYPICAL
UL	UNDERWRITERS' LABORATORY, INC.
UBC	UNIFORM BUILDING CODE
UNO	UNLESS NOTED OTHERWISE
UT	ULTRASONIC TEST
VERT or V	VERTICAL
VIF	VERIFY IN FIELD
WF	WIDE FLANGE
W/	WITH
W/C	WATER/CEMENT
W/O	WITHOUT
WD	WOOD
WP	WORK POINT, WATERPROOF
WWF	WELDED WIRE FABRIC
WHT	WEIGHT

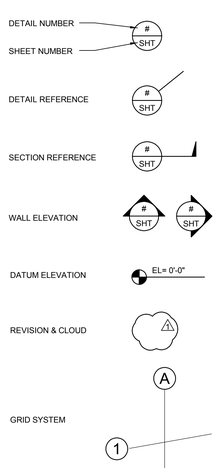
STRUCTURAL STEEL SHAPES

W	W SHAPES
S	S SHAPES
M	M SHAPES
HP	HP SHAPES
C	STD.CHANNEL
MC	MISC.CHANNEL
L	ANGLES
WT, ST, MT	STRUCT TEES CUT FROM W, S, M SHAPES
P#	STANDARD PIPE
PX#	EXTRA STRONG PIPE
PXX#	DBL EXTRA STRONG PIPE
HSS	HOLLOW STRUCTURAL SECTION
TS	TUBE SECTION

INSTITUTIONS

ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWPB	AMERICAN WOOD PRESERVERS BUREAU
AWS	AMERICAN WELDING SOCIETY
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
DSA	DIVISION OF THE STATE ARCHITECT
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ICC	INTERNATIONAL CODE COUNCIL
ICC-ER	ICC-ES LEGACY REPORT
ICC-ES	ICC EVALUATION SERVICE
ICC-ESR	ICC-ES REPORT
OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
PCI	PRE-CAST CONCRETE INSTITUTE
PTI	POST-TENSION CONCRETE INSTITUTE
SJI	STEEL JOIST INSTITUTE
TPI	TRUSS PLATE INSTITUTE

SYMBOLS



STRUCTURAL STEEL

1. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED BY AN APPROVED AND LICENSED FABRICATOR IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (2022 EDITION), AND WITH CHAPTERS 17A AND 22A OF THE CODE.
2. ALL STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATION AS INDICATED BELOW (UNO):

   PLATES, CONNECTION PLATES, AND MISC: A36 (UNO)

   HSS SECTIONS: A500, GRADE B

   BOLTS: A325

   NUTS: A563

   WASHERS: F436

   BOLTS IN CONCRETE U.N.O.: F1554 36 KSI (UNO)
3. BOLT HOLES USED IN STEEL SHALL BE 1/16" LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED.
4. ALL WELDING IS TO BE DONE BY CERTIFIED WELDERS USING E70XX ELECTRODES (UNO). ALL WELDS SHALL BE IN CONFORMITY WITH THE PROJECT SPECIFICATIONS AND THE CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1) OF THE AMERICAN WELDING SOCIETY. SPECIAL INSPECTION OF WELDING PER SECTION 1705A.2 OF THE CODE. USE OF E70T-4 WIRE IS NOT PERMITTED.
5. WHERE FABRICATION OF STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF FABRICATOR'S SHOP, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE REQUIRED.
6. WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC 360-16 SECTION J2.2b.
7. THE SPECIAL INSPECTIONS FOR STEEL ELEMENTS OF BUILDINGS AND STRUCTURES SHALL BE AS REQUIRED BY SECTION 1705A.2.1 OF THE CODE AND CONSTRUCTION DOCUMENTS.
8. MILL TEST REPORTS FOR ANCHOR BOLTS SHALL BE SUBMITTED TO THE PROJECT INSPECTOR PRIOR TO PLACEMENT OF CONCRETE.
9. ALL WELD MATERIAL SHALL COMPLY WITH AISC 360-16 SECTION J2.6.
10. WELDING OF DEMAND CRITICAL WELDS (DCW) SHALL BE PER AWS 1.8.
11. THE THERMAL CUTTING OF ALL MEMBERS SHALL COMPLY WITH AISC 360.16 SECTION M2.2.
12. ALL EXPOSED STRUCTURAL STEEL SHALL BE POWDERED COATED WITH A DUPONT TGIC POLYESTER PRIMER FOLLOWED BY THE OWNER'S DUPONT TGIC POLYESTER COLOR OF CHOICE.
13. ALL EXPOSED STEEL FASTENERS, INCLUDING CAST-IN-PLACE ANCHOR BOLTS/RODS, SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT-DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329), OR PROTECTED WITH CORROSION-PREVENTIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RED RUST MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117. ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT.

ALUMINUM

1. STRUCTURAL ALUMINUM SHALL BE FABRICATED, ASSEMBLED, AND ERECTED IN ACCORDANCE WITH ALUMINUM DESIGN MANUAL 2015.
2. ALL WELDING OF ALUMINUM SHALL CONFORM WITH AWS D1.2.
3. ALUMINUM ALLOY GRADE SHALL BE AS FOLLOWS:

   GOOSENECK: 6063-T5
   CROSS BAR: 6061-T6
   UPRIGHTS: 6061-T6
4. DISSIMILAR METALS SHALL BE ISOLATED OR COATED TO INHIBIT GALVANIC CORROSION. WHERE IN CONTACT WITH ALUMINUM, STEEL GROUND PLATES AND STEEL BOLTS, NUTS, AND WASHERS SHALL BE HOT-DIP GALVANIZED (ASTM A123/ ASTM A153).
5. ALUMINUM SHALL BE COATED OR COVERED TO PREVENT ALUMIUNM-CONCRETE REACTION AND ELECTROLYTIC ACTION BETWEEN ALUMINUM AND STEEL.

FOUNDATION

1. FOOTINGS ARE DESIGNED BASED ON THE MINIMUM VALUES IN CHAPTER 18A AND INCLUDES THE FOLLOWING INFORMATION:

   W = FOOTING DIAMETER
   D = FOOTING DEPTH BELOW ADJACENT GRADE

   ALLOWABLE BEARING
   ISOLATED FTGS = 1500 PSF (MAX)

   LATERAL SOIL PRESSURE
   ISOLATED FTGS = 100 PSF PER FOOT EMBEDMENT

   MINIMUM DEPTH OF FOOTINGS SHALL BE AS FOLLOWS:
   24" BELOW ADJACENT EXTERIOR FINISHED GRADE.
2. CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER OR SEEPAGE, IF REQUIRED.
3. CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.
4. EXCAVATION FOR FOOTINGS SHALL BE APPROVED BY THE INSPECTOR PRIOR TO PLACING THE CONCRETE AND REINFORCING. CONTRACTOR TO NOTIFY THE INSPECTOR WHEN INSPECTION OF EXCAVATION IS READY. INSPECTOR TO SUBMIT LETTER OF COMPLIANCE.
5. FOUNDATIONS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE INSPECTOR, FOUNDATION ELEVATIONS WILL BE ALTERED BY CONSTRUCTION CHANGE DOCUMENT.
6. FOOTING BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH ASTM D-1559 TO 95% AND APPROVED BY THE INSPECTOR. FLOODING WILL NOT BE PERMITTED. ALL FILLS USED TO SUPPORT FOUNDATIONS SHALL BE INSPECTED BY THE INSPECTOR.
7. ALL ABANDONED FOOTINGS, UTILITIES, ETC., SHALL BE REMOVED UNLESS NOTED OTHERWISE.

REINFORCING STEEL

1. REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19A OF THE CODE, ASTM A615, GRADE 60 UNO.
2. BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
3. REINFORCING BAR SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS. STAGGER ALL SPLICES UNLESS NOTED OTHERWISE ON PLANS.
4. ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN-PLACE INSPECTION IS MADE.
5. BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, PRIOR TO PLACING CONCRETE.
6. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", LATEST EDITION.
7. MILL TEST REPORTS FOR GRADE 60 BARS SHALL BE SUBMITTED TO THE PROJECT INSPECTOR PRIOR TO PLACEMENT OF CONCRETE.
8. CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT PLACEMENT OF REINFORCING STEEL MAY BE CORRECTED PRIOR TO PLACEMENT OF OVERLYING GRIDS OR REINFORCING STEEL.
9. CONCRETE PROTECTION FOR REINFORCEMENT CAST-IN-PLACE CONCRETE (NON-PRESTRESSED). THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT

   A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"

   B. CONCRETE EXPOSED TO EARTH OR WEATHER:

   NO. 6 THROUGH NO. 18 BAR: 2"
   NO. 5 BAR, W31 OR D31 WIRE & SMALLER: 1 1/2"

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19A OF THE CODE AND WITH THE PROVISIONS OF ACI 318, 2019 EDITION.
2. REINFORCED CONCRETE IS DESIGNED BY THE "ULTIMATE STRENGTH DESIGN METHOD".
3. CONCRETE MIXES SHALL BE DESIGNED BY THE APPROVED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER. THE COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE PROPORTIONED BASED ON ACI 318.
4. SCHEDULE OF STRUCTURAL CONCRETE 28-DAY STRENGTH AND TYPES: [LOCATION IN STRUCTURE, STRENGTH (PSI), DENSITY (PCF), W/C RATIO]

   ALL CONCRETE FOOTINGS = 4500 PSI, 150 PCF, 0.45
   CONCRETE SLAB ON GRADE = 3000 PSI, 150 PCF, 0.45
5. PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE V (IF IN CONTACT WITH SOILS AT FOUNDATIONS AND SLAB ON GRADE)).
6. AGGREGATE FOR HARDROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C 33 AND PROJECT SPECIFICATIONS. EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL ENGINEER.
7. CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C 94.
8. PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 318 AND PROJECT SPECIFICATIONS. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED.
9. ALL REINFORCING BARS, ANCHOR BOLTS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
10. THE SPECIAL INSPECTION FOR CONCRETE CONSTRUCTION SHALL BE AS REQUIRED BY SECTION 1705A.3 OF THE CODE AND CONSTRUCTION DOCUMENTS.

Project Specific Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

PRE-CHECKED
FOOTBALL GOAL POSTS

Owner

SPORTSFIELD SPECIALTIES
WWW.SPORTSFIELDSPECIALTIES.COM
41155 State Highway 10,
PO Box 231 Delhi, NY 13753

Issue/Revision

Issue No.	Rev. No.	Description	Date
		DSA SUBMITTAL	09/19/2023

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122813 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 12/19/2023

kpff
18400 Von Karman Ave., Suite 600
Irvine, CA 92612
O: 949.252.1022
F: 949.252.8082
www.kpff.com

PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

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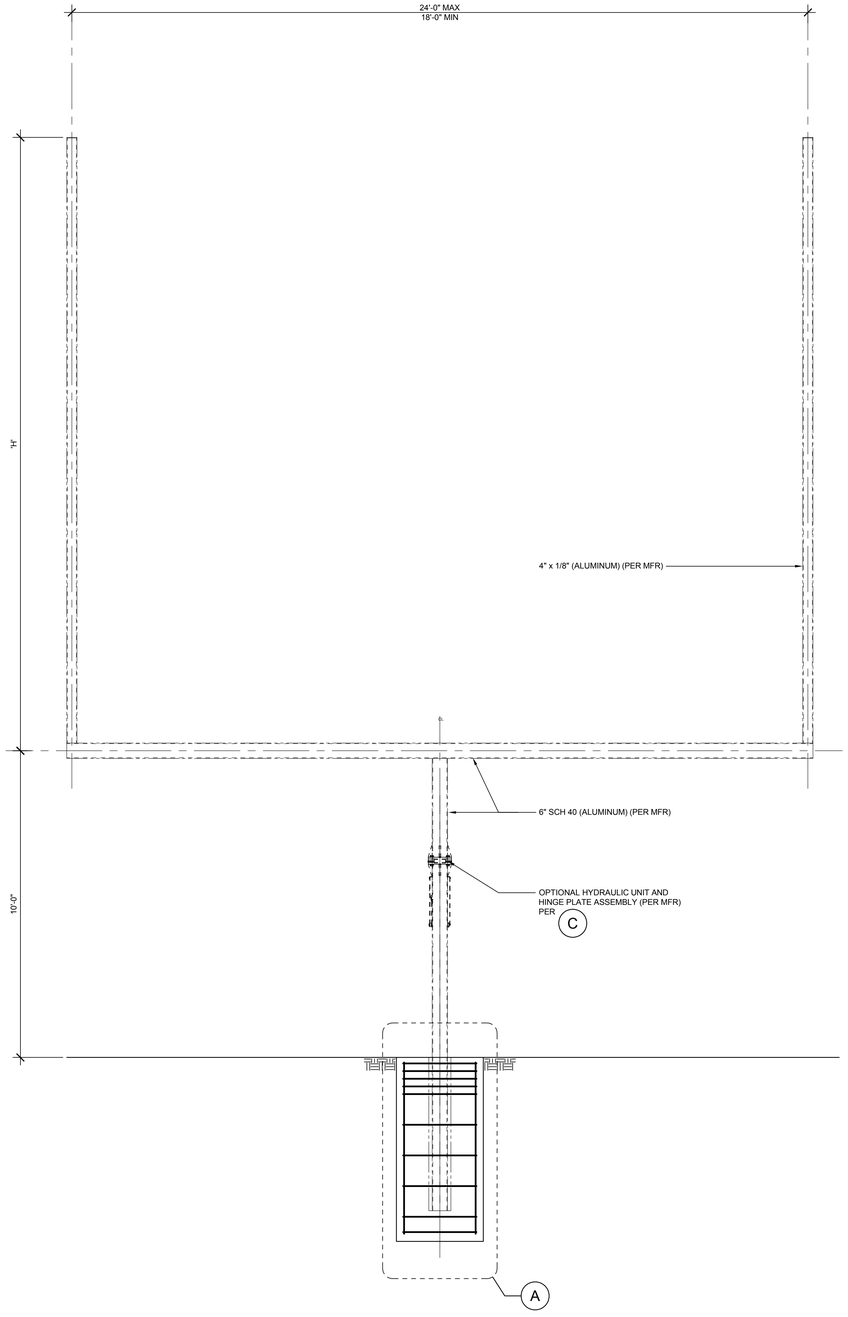
REGISTERED PROFESSIONAL ENGINEER
JAMES H. SHIPLEY
No. S6822
Exp. 3-31-24
STRUCTURAL
STATE OF CALIFORNIA

Sheet Title:

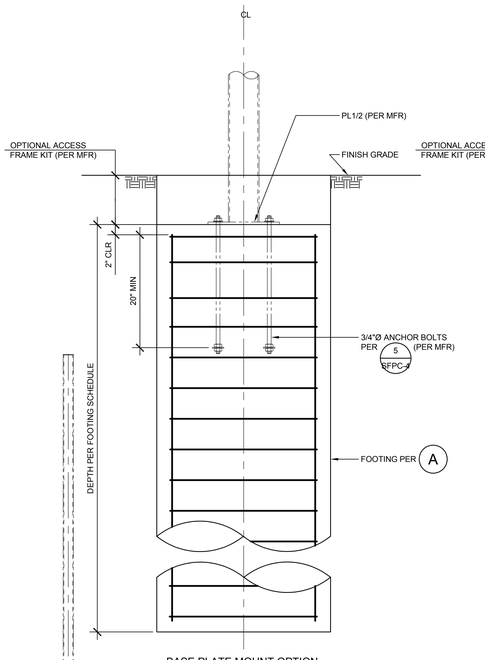
GENERAL NOTES, ABBREVIATIONS AND SYMBOLS

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Drawn By: FC	Scale: AS NOTED
Checked By: WT	Sheet Number: SFPC-2
Date: 2023-06-06	

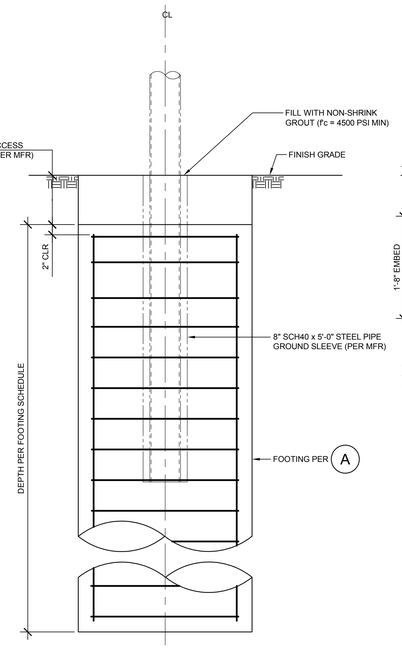
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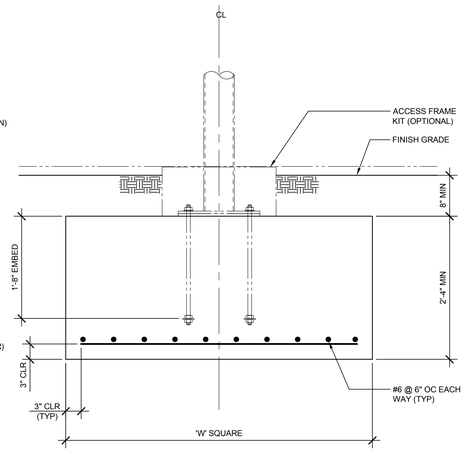
ELEVATION
1/2"=1'-0"



BASE PLATE MOUNT OPTION

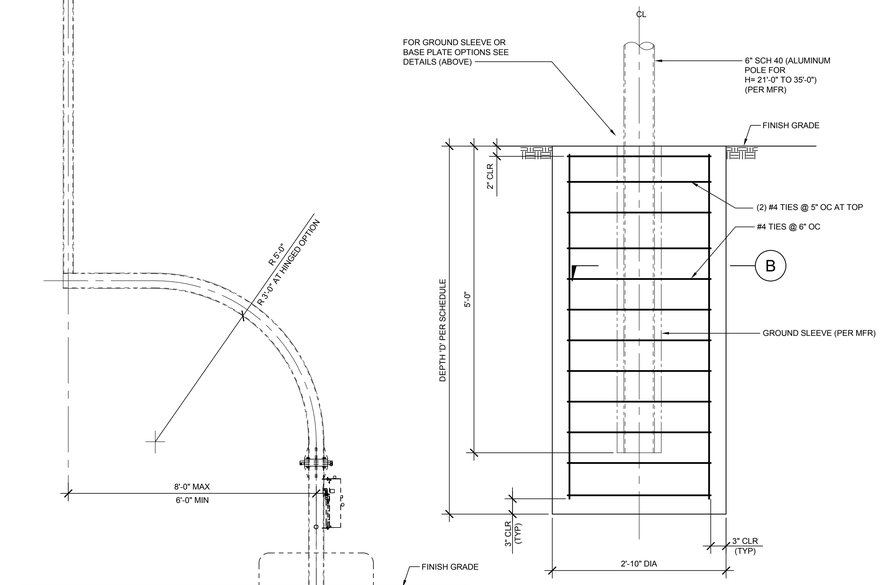


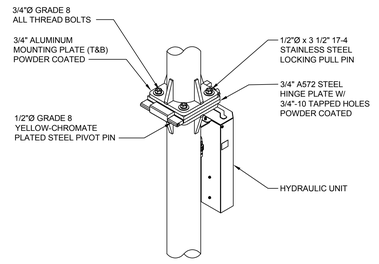
GROUND SLEEVE MOUNT OPTION



PAD FOOTING SCHEDULE	
UPRIGHT POST HEIGHT 'H'	'W' SQUARE
20'-0"	5'-0"
30'-0"	5'-9"
35'-0"	6'-0"

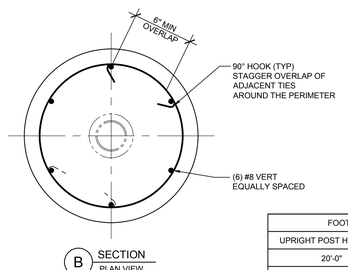
SPREAD FOOTING OPTION





C OPTIONAL HYDRAULIC UNIT AND PLATE HINGE ASSEMBLY
NTS

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

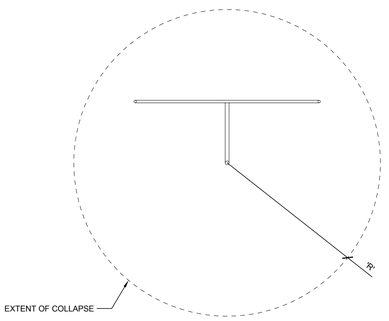


B SECTION
PLAN VIEW

A FOOTING DETAIL

FOOTING SCHEDULE		BASE SHEAR
UPRIGHT POST HEIGHT 'H'	DEPTH 'D'	
20'-0"	5'-5"	587#
30'-0"	6'-3"	760#
35'-0"	6'-8"	850#

NOTE:
GROUND SLEEVE OPTION SHOWN. DETAIL ALSO APPLIES TO SPORTSFIELD SPECIALTIES BASEPLATE MOUNT OPTION.



NOTE:
GOAL POST MUST BE PLACED CLEAR OF ANY ADJACENT BUILDING OR STRUCTURE SUCH THAT COLLAPSE ON AN ADJACENT STRUCTURE DUE TO AN EXTREME EVENT WOULD NOT OCCUR. THE CLEAR DISTANCE 'R' IS TO BE THE TOTAL HEIGHT PLUS 2'-0".

BIRD'S EYE VIEW

FOOTBALL GOAL POST DETAIL

1"=1'-0"

1

Project Specific Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
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FOOTBALL GOAL POSTS

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		DSA SUBMITTAL	09/19/2023

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PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

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Seal/Signature

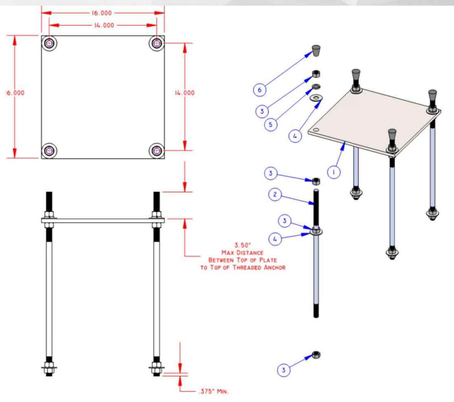
REGISTERED PROFESSIONAL ENGINEER
WILLIAM H. TSAI
No. S5852
Exp. 3-31-24
STRUCTURAL
STATE OF CALIFORNIA

Sheet Title:
SECTIONS AND DETAILS

Designed By: CE/JS	Project Number: 2200333
Drawn By: FC	Scale: AS NOTED
Checked By: WT	Sheet Number: SFPC-3
Date: 2023-06-06	

Date: Dec 12, 2023, 10:49am - Drawing: S:\Projects\2022\2200333 - DSA 2022 PC for Football Goal Posts\DRAWINGS\AutoCAD\SFPC-3.dwg - Layout: SFPC-3 - Printed By: LGarayburu - Profile: KPFF-ARIAL - Job Name: DSA PC for Football Goal Posts- PM: JS - PD: FC/GN
Xrefs: 2200333TD.dwg

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ITEM NO.	QTY.	E2 PART NUMBER	SAP PART NUMBER	DESCRIPTION
1	1	4512	E-0003-0002	1/2" STEEL GROUND PLATE
2	4	PURCHP-0680	PURCHP-0680	3/4-10X24" ANCHOR BOLT, GALVANIZED
3	16	108-HXN3_4-10-A193-B7-GALV	108-HXN-0003	3/4-10 GALVANIZED HEX NUT
4	8	111-FLW3_4-GALV	111-FLW-0003	3/4 GALV. FLAT WASHER
5	4	111-SLW3_4-GALV	111-SLW-0003	3/4-10 GALVANIZED LOCK WASHER
6	4	114-97534K55	PURCHP-0282	CAP, THREAD PLASTIC

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E-0003-HD08 (GP45II)
BASE PLATE MOUNTING KIT

Not To Scale | A.1-1 | Sportsfield Specialties Inc 05092017

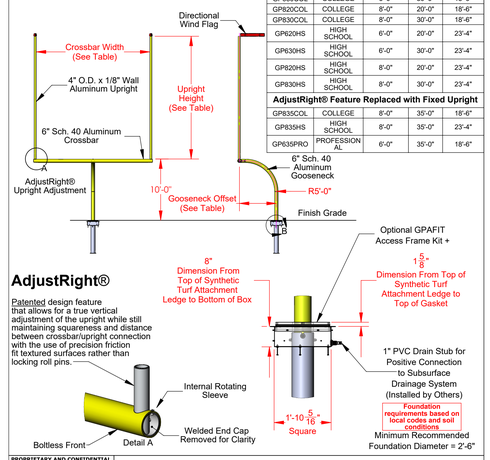
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United States Patent #7,014,578, Issued march 21, 2006
United States Patent #7,883,432, Issued February 8, 2011
United States Patent #7,914,401, Issued march 29, 2011

Powder Coated Yellow or White Finish

PART NO.	MODEL	GOOSENECK OFFSET	UPRIGHT HEIGHT	CROSSBAR WIDTH (I.D.)
GP620COL	COLLEGE	6'-0"	20'-0"	18'-6"
GP630COL	COLLEGE	6'-0"	30'-0"	18'-6"
GP820COL	COLLEGE	8'-0"	20'-0"	18'-6"
GP830COL	COLLEGE	8'-0"	30'-0"	18'-6"
GP620HS	HIGH SCHOOL	6'-0"	20'-0"	23'-4"
GP630HS	HIGH SCHOOL	6'-0"	30'-0"	23'-4"
GP820HS	HIGH SCHOOL	8'-0"	20'-0"	23'-4"
GP830HS	HIGH SCHOOL	8'-0"	30'-0"	23'-4"
AdjustRight® Feature Replaced with Fixed Upright				
GP835COL	COLLEGE	8'-0"	35'-0"	18'-6"
GP835HS	HIGH SCHOOL	8'-0"	35'-0"	23'-4"
GP635PRO	PROFESSIONAL	6'-0"	35'-0"	18'-6"



AdjustRight®
Patented design feature that allows for a true vertical adjustment of the upright while still maintaining squareness and distance between crossbar/upright connection with the use of precision friction fit textured surfaces rather than locking roll pins.

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Ground Sleeve Football Goal Post

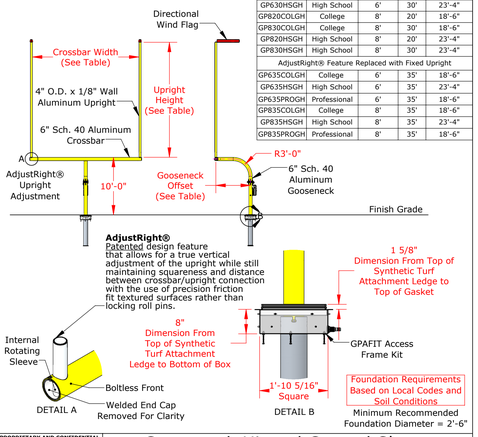
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United States Patent #7,014,578, Issued March 21, 2006
United States Patent #7,883,432, Issued February 8, 2011
United States Patent #7,914,401, Issued March 29, 2011
United States Patent #8,496,547, Issued July 30, 2013

Part No.	Model	Gooseneck Offset	Upright Height	Crossbar Width (I.D.)
GP620COLGH	College	6'	20'	18'-6"
GP630COLGH	College	6'	30'	18'-6"
GP620HSGH	High School	6'	20'	23'-4"
GP630HSGH	High School	6'	30'	23'-4"
GP820COLGH	College	8'	20'	18'-6"
GP830COLGH	College	8'	30'	18'-6"
GP820HSGH	High School	8'	20'	23'-4"
GP830HSGH	High School	8'	30'	23'-4"
AdjustRight® Feature Replaced with Fixed Upright				
GP635COLGH	College	6'	35'	18'-6"
GP635HSGH	High School	6'	35'	23'-4"
GP635PROGH	Professional	6'	35'	18'-6"
GP835COLGH	College	8'	35'	18'-6"
GP835HSGH	High School	8'	35'	23'-4"
GP835PROGH	Professional	8'	35'	18'-6"



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Gooseneck Hinged Ground Sleeve Football Goal Post

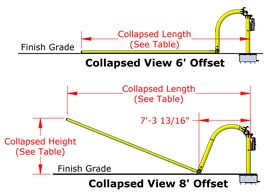
Not To Scale | Sportsfield Specialties Inc 06022022

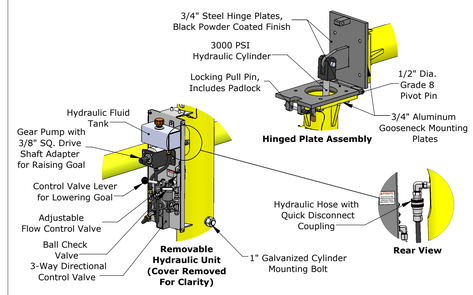
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Applicable Goal Post Styles
Ground Sleeve Gooseneck Hinged
Plate Mount Gooseneck Hinged
Rotating Gooseneck Hinged

Key Dimensions			
Gooseneck Offset	Upright Height	Collapsed Length	Collapsed Height
6'	20'	25'-7/8"	N/A
6'	30'	35'-7/8"	N/A
6'	35'	40'-7/8"	N/A
8'	20'	26'-2"	7'-10"
8'	30'	35'-6"	11'-6 5/8"
8'	35'	40'-1"	13'-5"





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Football Goal Post Gooseneck Hinged Detail

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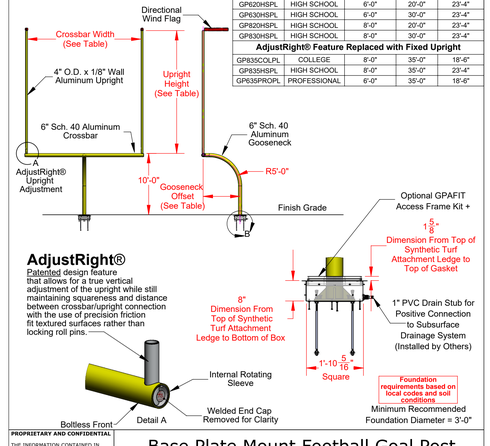
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United States Patent #7,014,578, Issued march 21, 2006
United States Patent #7,883,432, Issued February 8, 2011
United States Patent #7,914,401, Issued march 29, 2011

Powder Coated Yellow or White Finish

PART NO.	MODEL	GOOSENECK OFFSET	UPRIGHT0 HEIGHT	CROSSBAR WIDTH (I.D.)
GP620COLPL	COLLEGE	6'-0"	20'-0"	18'-6"
GP630COLPL	COLLEGE	6'-0"	30'-0"	18'-6"
GP820COLPL	COLLEGE	8'-0"	20'-0"	18'-6"
GP830COLPL	COLLEGE	8'-0"	30'-0"	18'-6"
GP620HSPL	HIGH SCHOOL	6'-0"	20'-0"	23'-4"
GP630HSPL	HIGH SCHOOL	6'-0"	30'-0"	23'-4"
GP820HSPL	HIGH SCHOOL	8'-0"	20'-0"	23'-4"
GP830HSPL	HIGH SCHOOL	8'-0"	30'-0"	23'-4"
AdjustRight® Feature Replaced with Fixed Upright				
GP835COLPL	COLLEGE	8'-0"	35'-0"	18'-6"
GP835HSPL	HIGH SCHOOL	8'-0"	35'-0"	23'-4"
GP635PROPL	PROFESSIONAL	6'-0"	35'-0"	18'-6"



AdjustRight®
Patented design feature that allows for a true vertical adjustment of the upright while still maintaining squareness and distance between crossbar/upright connection with the use of precision friction fit textured surfaces rather than locking roll pins.

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Base Plate Mount Football Goal Post

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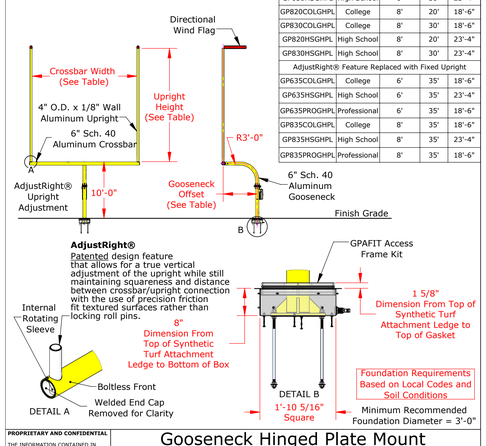
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GP820COLGHPL	College	8'	20'	18'-6"
GP830COLGHPL	College	8'	30'	18'-6"
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GP830HSGHPL	High School	8'	30'	23'-4"
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GP635COLGHPL	College	6'	35'	18'-6"
GP635HSGHPL	High School	6'	35'	23'-4"
GP635PROGHPL	Professional	6'	35'	18'-6"
GP835COLGHPL	College	8'	35'	18'-6"
GP835HSGHPL	High School	8'	35'	23'-4"
GP835PROGHPL	Professional	8'	35'	18'-6"



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Gooseneck Hinged Plate Mount Football Goal Post

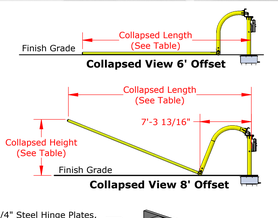
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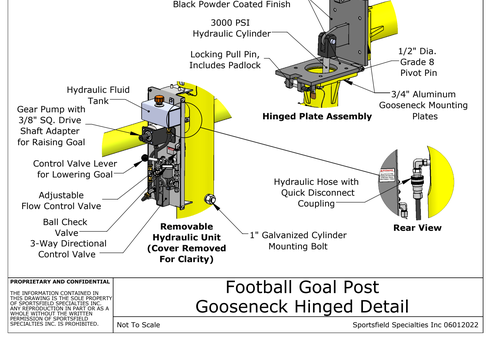
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Applicable Goal Post Styles
Ground Sleeve Gooseneck Hinged
Plate Mount Gooseneck Hinged
Rotating Gooseneck Hinged

Key Dimensions			
Gooseneck Offset	Upright Height	Collapsed Length	Collapsed Height
6'	20'	25'-7/8"	N/A
6'	30'	35'-7/8"	N/A
6'	35'	40'-7/8"	N/A
8'	20'	26'-2"	7'-10"
8'	30'	35'-6"	11'-6 5/8"
8'	35'	40'-1"	13'-5"





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Football Goal Post Gooseneck Hinged Detail

Not To Scale | Sportsfield Specialties Inc 06012022

SPORTSFIELD SPECIALTIES DETAIL NTS **1**

Project Specific Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125060 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/20/2025

PRE-CHECKED
FOOTBALL GOAL POSTS

Owner

SPORTSFIELD SPECIALTIES
WWW.SPORTSFIELDSPECIALTIES.COM
41155 State Highway 10,
PO Box 231 Delhi, NY 13753

Issue/Revision

Issue No.	Rev. No.	Description	Date
		DSA SUBMITTAL	09/19/2023

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122813 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 12/19/2023

kpff
18400 Von Karman Ave., Suite 600
Irvine, CA 92612
O: 949.252.1022
F: 949.252.8082
www.kpff.com

PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

Seal/Signature

REGISTERED PROFESSIONAL ENGINEER
WILLIAM H. THOMPSON
Exp. 3-31-24
STRUCTURAL
STATE OF CALIFORNIA

Sheet Title:
SPORTSFIELD SPECIALTIES DETAILS

Designed By:	Project Number:
CE/JS	2200333
Drawn By:	Scale:
FC	AS NOTED
Checked By:	Sheet Number:
WT	SFPC-4
Date:	
2023-06-06	

Date: Dec 12, 2023, 10:50am - Drawing: S:\Projects\2022\2200333 - DSA 2022 PC for Football Goal Posts\DRAWINGS\Auto\ADSFPC-4.dwg - Layout: SFPC-4 - Printed By: LGarayburu - Profile: KPFF-ARIAL - Job Name: DSA PC for Football Goal Posts- PM: JS - PD: FC/GN
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