VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

FOR

VENTURA UNIFIED DISTRICT

ABBREVIATIONS

Ø	DIAMETER	HR.	HOUR
&	AND	HT.	HEIGHT
CL OR C	CENTERLINE	INSUL.	INSULATION
#	POUND OR NUMBER	INT.	INTERIOR
A.B.	ANCHOR BOLT	JT.	JOINT
ABV.	ABOVE	LAM.	LAMINATE
ACP	ACOUSTICAL CEILING	LAV.	LAVATORY
A.D.	PANEL	LT.	LIGHT
ADJ.	AREA DRAIN	MFR.	MANUFACTURER
A.F.F.	ADJUSTABLE	MATR'L	MATERIAL
A.F.G.	ABOVE FINISH FLOOR	MAX.	MAXIMUM
ALUM.	ABOVE FINISH GRADE	M.B.	MACHINE BOLT
BLDG.	ALUMINUM	MECH.	MECHANICAL
BLKG.	BUILDING	MIN.	MINIMUM
BM.	BLOCKING	MISC.	MISCELLANEOUS
B.O.B.	BEAM	M.R.	MOISTURE RESISTANT
BOT.	BOTTOM OF BEAM	MTL.	METAL
BTWN.	BOTTOM	(N)	NEW
CAB.	BETWEEN	N.I.C.	NOT IN CONTRACT
CALIF.	CABINET	NO. OR #	NUMBER
C.F.O.I	CALIFORNIA CONTRACTOR FURNISHED	N.T.S.	NOT TO SCALE
C.I.P.	OWNER INSTALLED	O/	OVER
CJ	CAST IN PLACE	O.C.	ON CENTER
C.J.	CONSTRUCTION JOINT	O.F.C.I.	OWNER FURNISHED CONTACTOR INSTALLED
C.L.	CONTROL JOINT	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
CLG.	CHAIN LINK	OPP.	OPPOSITE
CLR.	CEILING	PB	PULL BOX
CMU	CLEAR	PERF.	PERFORATED
C.O.	CONCRETE MASONRY UNIT	PL.	PLATE OR PLASTIC
C.O.C.	CLEAN OUT	PLAST.	PLASTER
COL.	CENTER OF COLUMN	PLYWD.	PLYWOOD
COMP.	COLUMN	PR.	PAIR
CONC.	COMPOSITION	PROJ.	PROJECTION
CONSTR.	CONCRETE	P.T.D.F.	PRESSURE TREATED DOUGLAS FIR
CONT.	CONSTRUCTION		
C.T.	CONTINUOUS	R OR RAD	RADIUS
DBL.	CERAMIC TILE	REFL.	REFLECTED
DF	DOUBLE	REFRIG.	REFRIGERATOR
D.F.	DOUGLAS FIR	REINF.	REINFORCED OR REINFORCEMENT
DFCI	DRINKING FOUNTAIN DISTRICT FURNISHED		
DIA.	CONTRACTOR INSTALL	REQ.	REQUIRED OR REQUIREMENTS
DIM.	DIAMETER	RM.	ROOM
DN	DIMENSION	S.C.	SOLID CORE
DR.	DOWN	SCHED.	SCHEDULE
DWG	DOOR	SHT'G	SHEATHING
(E)	DRAWING	SHT.	SHEET
EA	EXISTING	SIM.	SIMILAR
EJ	EACH	SJ	SAWCUT JOINT
ELECT.	EXPANSION JOINT	S.M.S.	SHEET METAL SCREWS
ELEV.	ELECTRICAL	SQ.	SQUARE
EQ	ELEVATION	S.S.	STAINLESS STEEL
EQUIP.	EQUAL	ST.	STANDARD
EXIST.	EQUIPMENT	STL.	STEEL
EXT.	EXISTING	STOR.	STORAGE
FD	EXTERIOR	STRUCT.	STRUCTURAL
FDN.	FLOOR DRAIN	SUSP.	SUSPENDED
F.E.	FOUNDATION	T&B	TOP & BOTTOM
F.E.C.	FIRE EXTINGUISHER	TEMP.	TEMPERED
F.F.	FIRE EXTINGUISHER	T.O.	TOP OF
FIN.	CABINET	T.O.B.	TOP OF BEAM
FLR.	FINISH FLOOR	TS	TUBE STEEL
F.O.C.	FINISH	T.W.	TOP OF WALL
F.O.F.	FLOOR	TYP.	TYPICAL
F.O.S.	FACE OF CONCRETE	U.N.O.	UNLESS NOTED OTHERWISE
FRAM'G	FACE OF FINISH	U.O.N.	UNLESS OTHERWISE NOTED
FRP	FACE OF STRUCTURE FRAMING	V.C.T.	VINYL COMPOSITION TILE
		VERT.	VERTICAL
FT.	FIBERGLASS REINFORCED PANEL	V.G.D.F.	VERTICAL GRAIN DOUGLAS FIR
FTG.	FOOTING	V.I.F.	VERIFY IN FIELD
F.V.	FOOT OR FEET	W/	WITH
GA.	FIELD VERIFY	WD.	WOOD
GALV.	GAUGE	W.O.	WHERE OCCURS
GWB	GALVANIZED	W.P.	WATERPROOF
GYP. BD.	GYPSUM WALL BOARD	W.R.	WATER RESISTANT
HDG	GYPSUM BOARD	WT.	WEIGHT
HDR.	HOT DIP GALV		
HORIZ.	HEADER HORIZONTAL		
H.M.	HOLLOW METAL		

LEGEND

- PROPERTY LINE
- 1:12 — SLOPING SURFACE
- 2 / A4 — DETAIL NUMBER / SHEET DETAIL APPEARS ON
- 2 / A4 — SECTION NUMBER / SHEET SECTION APPEARS ON
- 2 / A4 — ELEVATION NUMBER / SHEET SECTION APPEARS ON
- CONCRETE
- SOIL
- PLYWOOD
- STEEL
- WOOD BLOCKING
- WOOD CONTINUOUS MEMBER
- WORK POINT, CONNECTION POINT, DATUM POINT OR CONTROL POINT
- 1222A — KEYNOTE
- A3 — DOOR NUMBER REFERENCE, REFER TO DOOR SCHEDULE
- C03A — WINDOW NUMBER REFERENCE, REFER TO WINDOW TYPES
- 1A — WALL TYPE REFERENCE, REFER TO AD101-AD106
- a — SIGN TYPE REFERENCE, REFER TO AD701
- X' - X" — TICK INDICATES DIMENSIONS TO FACE OF STUD, GRIDLINES OR FACE OF STRUCTURE
- X' - X" — DOT INDICATES DIMENSION TO CENTERLINE
- X' - X" — ARROW INDICATES DIMENSION TO F.O. FINISH OR CLEAR DIMENSION
- x.x — SPOT ELEVATION

PROJECT TEAM

CLIENT
VENTURA UNIFIED SCHOOL DISTRICT
255 WEST STANLEY AVENUE #100
VENTURA, CA 93108
T. 805.485.3111

CAMPUS
VENTURA HIGH SCHOOL
2 N CATALINA ST,
VENTURA, CA 93001

DISTRICT
RYAN HUGHES
BOND FACILITIES PLANNER
T. 805.901.9620

ARCHITECT
ROESLING NAKAMURA TERADA ARCHITECTS, INC.
285 N. VENTURA, CA 93003
T. 805.626.5330
TYSON CLINE, PRINCIPAL IN CHARGE

ELECTRICAL
JMPE, ELECTRICAL ENGINEERING
627 OLIVE STREET
SANTA BARBARA, CA 93101
JOHN MALONEY, PE
P : (805) 895-1700

STRUCTURAL
SSG STRUCTURAL ENGINEERS, LLP
1800 21ST ST SUITE C,
BAKERSFIELD, CA 93301
JOE KLIMCZYK, PE, SE
P : (805) 439-2110

WORK EXEMPT (DSA)

1. BATCH PLANT INSPECTION IS NOT REQUIRED FOR SCOREBOARD FOUNDATION PER 1705A.3.3.2 PROVIDED THE LICENSE WEIGHMASTER AND BATCH TICKET REQUIREMENTS OF SECTION S1705A.3.3.1 ARE IMPLEMENTED.
2. SPECIAL INSPECTION OF TEH SOILS FOR THE DEEP FOUNDATIONS OF THE SCOREBOARD ARE NOT REQUIRED.

APPLICABLE CODE OF REGULATIONS

SITE CONSTRUCTION SHALL COMPLY WITH THE RELEVANT PORTIONS OF FOLLOWING PARTS OF THE TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS (CCR):

2022 CALIFORNIA BUILDING STANDARDS CODE C.C.R. TITLE 24:
- 2022 CALIFORNIA ADMINISTRATIVE CODE, C.C.R. TITLE 24 PART 1
- 2022 CALIFORNIA BUILDING CODE (CBC), C.C.R. TITLE 24 PART 2
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24 PART 3
- 2022 CALIFORNIA MECHANICAL CODE (CMC), C.C.R. TITLE 24 PART 4
- 2022 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24 PART 5
- 2022 CALIFORNIA ENERGY CODE, C.C.R. TITLE 24 PART 6
- 2022 CALIFORNIA HISTORICAL CODE, C.C.R. TITLE 24 PART 8
- 2022 CALIFORNIA FIRE CODE, C.C.R. TITLE 24 PART 9
- 2022 CALIFORNIA EXISTING BUILDING CODE, C.C.R. TITLE 24 PART 10
- 2022 CALIFORNIA GREEN BUILDING STDS CODE, C.C.R. TITLE 24 PART 11
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24 PART 12

TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

SITE STRUCTURAL DESIGN DATA

SITE WIND DESIGN DATA (**CBC 1603A.1.4**)
- V = 93 MPH (CBC 1609A.3 FIGURE (1))
- V_{ASD} = 77 MPH (CBC 1609A.3.1)
- RISK CATEGORY = II
- WIND EXPOSURE = C

EARTHQUAKE DESIGN DATA (**CBC 1603A.1.5**)
- RISK CATEGORY = II
- SEISMIC IMPORANCE FACTOR I_e = 1.00
- S_S = 1.982g
- S_1 = 0.746g
- SITE CLASS = D (DEFAULT)
- S_{DS} = 1.586g
- SEISMIC DESIGN CATEGORY = E

GEOTECHNICAL INFORMATION (**CBC 1603A.1.6**)
- SOIL LOAD-BEARING VALUE = 1,500 PSF (**CBC TABLE 1806A.2**)
- GEOTECHNICAL REPORT NOT REQUIRED PER **DSA IR A-4**

ARCHITECT'S STATEMENT OF GENERAL CONFORMANCE

☒ THE DRAWINGS OR SHEETS LISTED ON THE COVER SHEET OR INDEX SHEET: SB0.1, SB0.2, SB2.1, SB5.1, SB5.2, SB5.4, EV-1.0 AND EV-2.0.
☐ THIS DRAWING, PAGE OR SPECIFICATION/CALCULATIONS

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THE STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OR REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THE 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 OR SHEETS LISTED ON THE COVER OR INDEX SHEET: SB0.1, SB0.2, SB2.1, SB5.1, SB5.2, SB5.4, EV-1.0 AND EV-2.0.
☐ THIS DRAWING OR PAGE

☒ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND
☒ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

07/15/2024

SIGNATURE — DATE

ARCHITECT IN RESPONSIBLE CHARGE: TYSON CLINE
LICENSE NUMBER: C-34436
EXPIRATION DATE: 1-31-2025

PROJECT DESCRIPTION

SCOPE OF WORK

1. INSTALL NEW SCOREBOARD AT FOOTBALL STADIUM PER NEVCO PC DRAWINGS, P.C. 04-122317.
   A. SCOREBOARD IS OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I.).
   B. SCOREBOARD FOUNDATIONS AND STEEL SUPPORT ARE CONTRACTOR FURNISHED CONTRACTOR INSTALLED.
   C. ELECTRICAL AND OTHER WORK SHOWN IS CONTRACTOR FURNISHED CONTRACTOR INSTALLED.

GENERAL DSA NOTES

1. ALL WORK SHALL BE CONFORM TO TITTLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).
2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY THE ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1 TITTLE 24, CCR.
3. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROADS AND ACCESS REQM'TS & ENVIROMENTAL HEALTH CONSIDERATIONS SHALL COMPLY W/ ALL LOCAL ORDINANCES.
4. 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)
5. TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION.
6. THE PROJECT INSPECTION (PI) SHALL WITNESS AND VERIFY GROUNDING.

INSPECTOR OF RECORD

DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. THE PROJECT INSPECTOR SHALL BE CERTIFIED BY DSA TO INSPECT CLASS II MINIMUM CONTRUCTION.

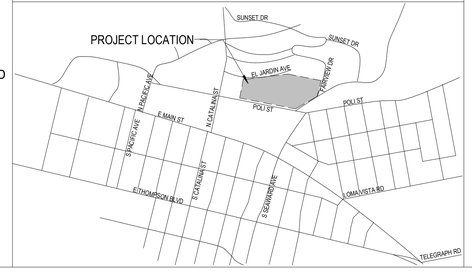
LABORATORY OF RECORD

A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL REQUIRED TESTS & INSPECTIONS FOR THE PROJECT.

FLOOD HAZARD MAP

FLOOD ZONE DESIGNATION: ZONE X
FIRM PANEL: 06111C0774ZF
EFFECTIVE DATE: 1-29-2021
BASE FLOOD ELEVATION: 0'-0"
COMMUNITY ORDINANCE: VENTURA COUNTY, CA

VICINITY MAP



SHEET INDEX

ARCHITECTURAL

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T-2.0	ARCH DRAWING INFO AND NOTES
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AS-1.1	ENLARGED SITE PLANS
AS-1.2	ENLARGED SECTIONS

STRUCTURAL

SB0.1	SCOREBOARD COVER SHEET
SB0.2	STRUCTURAL NOTES
SB2.1	TWO COLUMN CAISSON EMBEDDED
SB5.1	ATTACHMENT DETAILS
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SB5.4	ALUMINUM TRUSS ATTACHMENT DETAILS

ELECTRICAL

EV-1.0	ELECTRICAL NOTES & DETAILS
EV-2.0	ELECTRICAL SITE PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124491 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 07/23/2024

Roesling Nakamura Terada Architects

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LICENSED ARCHITECT — TYSON CLINE — NO. C-34436 — REN. 1-31-25 — STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST,
VENTURA, CA 93001

No.	Description	Date

Sheet Name

GENERAL PROJECT INFORMATION

RNT Project No.	241016.00.
Date	07/17/2024
Drawn by	CLD
Checked by	CS

Sheet Number

T-1.0

BIM 360://1016 - VUSD Scoreboard Replacement/Ventura High School Stadium Scoreboard Replacement.rvt
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DEMOLITION NOTES

1. IDENTIFY ALL DAMAGED ELEMENTS DESIGNATED TO REMAIN OR BE RELOCATED. REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH DEMOLITION WORK.
2. GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND VERIFYING DEMOLITION PLANS IN RELATION TO CONSTRUCTION DRAWINGS. CONTRACTOR SHALL VERIFY AND COORDINATE THE EXTENT OF DEMOLITION WORK WITH NEW WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL CONFLICTS, DISCREPANCIES OR PROBLEMS.
3. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO DEMOLITION. THE CONTRACTOR SHALL BEWARE OF POTENTIAL HAZARDS FROM DEMOLITION WORK NEAR UTILITIES. PIPES AND CONDUIT ENCOUNTERED IN DEMOLISHED PARTITIONS AND AREAS WHICH ARE TO REMAIN IN USE SHALL BE RE-ROUTED AND CONCEALED. THOSE WHICH ARE TO BE ABANDONED SHALL BE CAPPED AND CONCEALED IN FLOOR, WALL OR CEILING.
4. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK REQUIRED INCLUDING THE REMOVAL AND PROPER DISPOSAL OF ALL DEBRIS, BROKEN CONCRETE, ETC., FROM THE SITE. PROPER SHORING SHALL BE EXECUTED FOR THE SAFETY OF THE STRUCTURE AND WORKMEN.
5. THE OWNER SHALL HAVE FIRST RIGHTS OF REFUSAL FOR ALL DEMOLISHED MATERIALS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM DEMOLITION AT NO ADDITIONAL COST TO THE OWNER. THE GENERAL CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTECT AND NOT TO DAMAGE ANY PORTION OF EXISTING INSTALLATION NOT BEING REMOVED. ANY EXISTING FACILITIES INDICATED TO REMAIN WHICH ARE SO DAMAGED SHALL BE REPLACED EQUAL TO ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER.
7. CUT EXISTING PORTIONS OF WALLS, FLOORS, CEILINGS, ETC., WHERE INDICATED AND AS NECESSARY FOR NEW WORK. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER, THE ARCHITECT AND THE AUTHORITY HAVING JURISDICTION.
8. ALL TRADES CONCERNED SHALL COORDINATE EACH OTHER'S WORKS PRIOR TO AND DURING DEMOLITION.
9. ANY PROJECTING OR SURFACE-MOUNTED ITEMS BEING ABANDONED SHALL BE REMOVED, CAPPED AND CONCEALED BEHIND FINISHED SURFACES, UNLESS OTHERWISE NOTED. PATCH AND FINISH TO MATCH EXISTING ADJACENT SURFACE.
10. SURFACES WHERE MATERIAL IS REMOVED TO INSTALL NEW WORK OR TO RECEIVE NEW FINISH SHALL BE REPAIRED AND PATCHED TO MATCH ORIGINAL CONDITIONS. RETEXTURE AND REPAINT WALL OR CEILING WHERE PATCHED TO MATCH EXISTING, WITH NO EVIDENCE THAT PATCH HAS OCCURRED.
11. ALL EXISTING AREAS TO REMAIN OR NEW CONSTRUCTION WORK THAT ARE DAMAGED SHALL BE PATCHED AS REQUIRED TO MATCH EXISTING ADJACENT AREA IN MATERIAL, FINISH AND COLOR, UNLESS OTHERWISE NOTED.
12. ALL EQUIPMENT AND MATERIAL WHICH ARE IN OPERATING CONDITION WHEN REMOVED SHALL BE MAINTAINED AS SUCH AND RETURNED TO THE OWNER OR TO BE REINSTALLED WHERE INDICATED. PROPERLY RECONNECT EQUIPMENT TO RESUME OPERATION.
13. CAREFULLY & THOROUGHLY SURVEY EXISTING IRRIGATION SYSTEMS AT AREAS OF TRENCHING PRIOR TO BEGINNING SUCH WORK. MEET WITH OWNER MAINTENANCE STAFF TO COORDINATE SHUT-OFF AT AREAS OF WORK. REPAIR ALL IRRIGATION DAMAGED AS A RESULT OF DEMOLITION & NEW WORK TO ORIGINAL FUNCTIONING CONDITION.
14. ALL TRENCHING OPERATIONS SHALL BE PERFORMED WITH A SPOTTER. SPOTTER SHALL CONTINUOUSLY OBSERVE EXCAVATIONS TO LOCATE IRRIGATION LINES, CONDUITS AND ANY OTHER UTILITIES OR SUBTERRANEAN EQUIPMENT. ANY ITEMS ENCOUNTERED SHALL BE EXCAVATED BY HAND. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY IRRIGATION, UTILITIES, OR OTHER ITEMS DAMAGED AS A RESULT OF EXCAVATION.
15. THE GENERAL CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTECT AND NOT TO DAMAGE ANY PORTION OF THE EXISTING INSTALLATION NOT BEING REMOVED

GREEN BUILDING NOTES

FINISH MATERIAL POLLUTANT CONTROL.

1. FINISH MATERIALS SHALL COMPLY WITH CALGREEN SECTIONS 5.714.4.4.1 THROUGH 5.714.4.4.4.5.714.4.4.1 ADHESIVES, SEALANTS AND CAULKS. ADHESIVES, SEALANTS AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS.
   - A. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE, OR SCAQMD RULE 1168 VOC LIMITS, AS SHOWN IN TABLES 5.504.4.1 AND 5.504.4.2 IN DIVISION 5.5. SUCH PRODUCTS ALSO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (CHLOROFORM, ETHYLENE DICHLORIDE, METHYLENE CHLORIDE, PERCHLOROETHYLENE, AND TRICHLOROETHYLENE), EXCEPT FOR AEROSOL PRODUCTS AS SPECIFIED IN SUBSECTION B, BELOW.
   - B. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN ONE POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH CALGREEN SECTION 94507.
2. PAINTS AND COATINGS. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN TABLE 1 OF THE ARB ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, AS SHOWN IN TABLE 5.504.4.3 IN DIVISION 5.5,UNLESS MORE STRINGENT LOCAL LIMITS APPLY. THE VOC CONTENT LIMIT FOR COATINGS THAT DO NOT MEET THE DEFINITIONS FOR THE SPECIALTY COATINGS CATEGORIES LISTED IN TABLE5.504.4.3, SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLAT, NON FLAT OR NON FLAT-HIGH GLOSS COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS 4.21, 4.36 AND 4.37OF THE 2007 CALIFORNIA AIR RESOURCES BOARD, SUGGESTED CONTROL MEASURE, AND THE CORRESPONDING FLAT, NON FLAT, OR NON FLAT-HIGH GLOSS VOC LIMIT IN TABLE 5.504.4.3 SHALL APPLY.
   - A. AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(3) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES, IN SECTIONS 94522(C)(2) AND (D)(2) OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION94520; AND IN AREAS UNDER THE JURISDICTION OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT ADDITIONALLY COMPLY WITH THE PERCENT VOC BY WEIGHT OF PRODUCT LIMITS OF REGULATION 8 RULE 49.
   - B. VERIFICATION. VERIFICATION OF COMPLIANCE WITH THIS SECTION SHALL BE PROVIDED AT THE REQUEST OF THE ENFORCING AGENCY. DOCUMENTATION MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:
     1. MANUFACTURERS PRODUCT SPECIFICATION
     2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THAT ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE APPLICABLE CODES AND FEDERAL REQUIREMENTS AND REGULATIONS.
2. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS PRIOR TO SUBMITTING A BID. THE CONTRACTOR IS ALSO RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
3. VERIFY ALL EXISTING CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY OR INCONSISTENCY.
4. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO THE BEGINNING OF EXCAVATION. THE CONTRACTOR SHALL PROTECT ALL UTILITY LINES AND SERVICE LINES TO REMAIN WHICH ARE ENCOUNTERED DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.
6. DO NOT SCALE ANY DRAWINGS IN THIS SET. SUBMIT A REQUEST FOR INFORMATION TO THE ARCHITECT PRIOR TO BID IF A SPECIFIC DIMENSION IS NEEDED FOR ITS BID PREPARATION BUT IS NOT AVAILABLE IN THE CONTRACT DOCUMENTS.
7. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
8. ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH ANY WORK SO INVOLVED. NO CHANGES ARE TO BE MADE UNLESS THE ARCHITECT AND THE OWNER ARE NOTIFIED IN WRITING AND APPROVE SUCH A CHANGE ACCORDING TO THE CONTRACT.
9. THE ARCHITECT IS NOT RESPONSIBLE FOR ASBESTOS ABATEMENT.
10. PROVIDE BACKING AT ALL INDICATED LOCATIONS OF FIXTURES, SIGNS, HANDRAILS, ETC.
11. TRADE NAMES AND MANUFACTURERS REFERRED TO ARE FOR QUALITY STANDARDS ONLY. SUBSTITUTIONS WILL BE PERMITTED AS APPROVED BY THE OWNER AND THE ARCHITECT ONLY UPON SUBMITTAL, AND FOR A LIMITED PERIOD.
12. ITEMS SHOWN AS N.I.C. ON PLANS REQUIRE COOPERATION BY THE CONTRACTOR WITH THE OWNER'S THIRD PARTY INSTALLER A, COOPERATION AND COLLATERAL WORK. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF SUPPORT INFRASTRUCTURE FOR N.I.C. EQUIPMENT.
13. CONTRACTOR SHALL VERIFY MINIMUM 2% SITE DRAINAGE TO DRAINAGE INLETS. EXCEPTION: CROSS SLOPE OF ACCESSIBLE PATH OF TRAVEL SHALL BE 2% MAXIMUM.
14. CONTRACTOR SHALL ENSURE ALL FINISH MATERIALS WILL BE FLUSH WHERE NEW FINISH SURFACE MATERIALS JOIN EXISTING TO PROVIDE SMOOTH TRANSITION.
15. CONTRACTOR ACKNOWLEDGES THAT DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE TO REPRESENT THE INTENT OF THE WORK TO BE ACCOMPLISHED. CONTRACTOR IS TO INSTALL MATERIALS AND SYSTEMS WITH EXPERIENCED SKILLED CRAFTSMEN WHO WILL BE RESPONSIBLE FOR THE INTEGRITY OF THEIR RESPECTIVE WORK. NOT EVERY DETAIL OF EACH CONDITION IS DRAWN. CONTRACTOR AND SUB-CONTRACTOR ARE RESPONSIBLE FOR COMPLETE WORKMANLIKE INSTALLATION OF ALL MATERIALS AND SYSTEMS AND WILL NEED TO PROVIDE ADDITIONAL DETAILS FOR INSTALLATION BASED ON GENERAL INFORMATION SHOWN. FOR INSTANCE, NOT EVERY WATERPROOFING OR FLASHING DETAIL FOR EVERY CONDITION IS SHOWN. CONTRACTOR IS TO PROVIDE DETAILS AND INSTALLATION FOR A COMPLETE WATERTIGHT INSTALLATION.
16. CHANGES TO THE DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE OWNER.
17. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
18. THE FINISH SURFACE OUTSIDE EVERY EXTERIOR DOOR SHALL SLOPE NO MORE THAN 2% IN ANY DIRECTION IN THE AREA EXTENDING 66" IN FRONT OF THE DOOR AND 30" ON EACH SIDE
19. PROVIDE WEATHERSTRIPPING, CAULKING, FLASHING, AND OTHER MATERIALS AND DETAILING AS SHOWN IN THE DRAWINGS AND AS NECESSARY TO ENSURE A WATERPROOF BUILDING ENVELOPE.
20. WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF CBC & CFC," FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION"
21. FINAL CLEAN OF ENTIRE WORK AREA, INCLUDING WINDOWS MUST BE COMPLETE BY THE CONTRACTOR.

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NO. C-34436
REN. 1-31-25
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST,
VENTURA, CA 93001

No.	Description	Date

Sheet Name

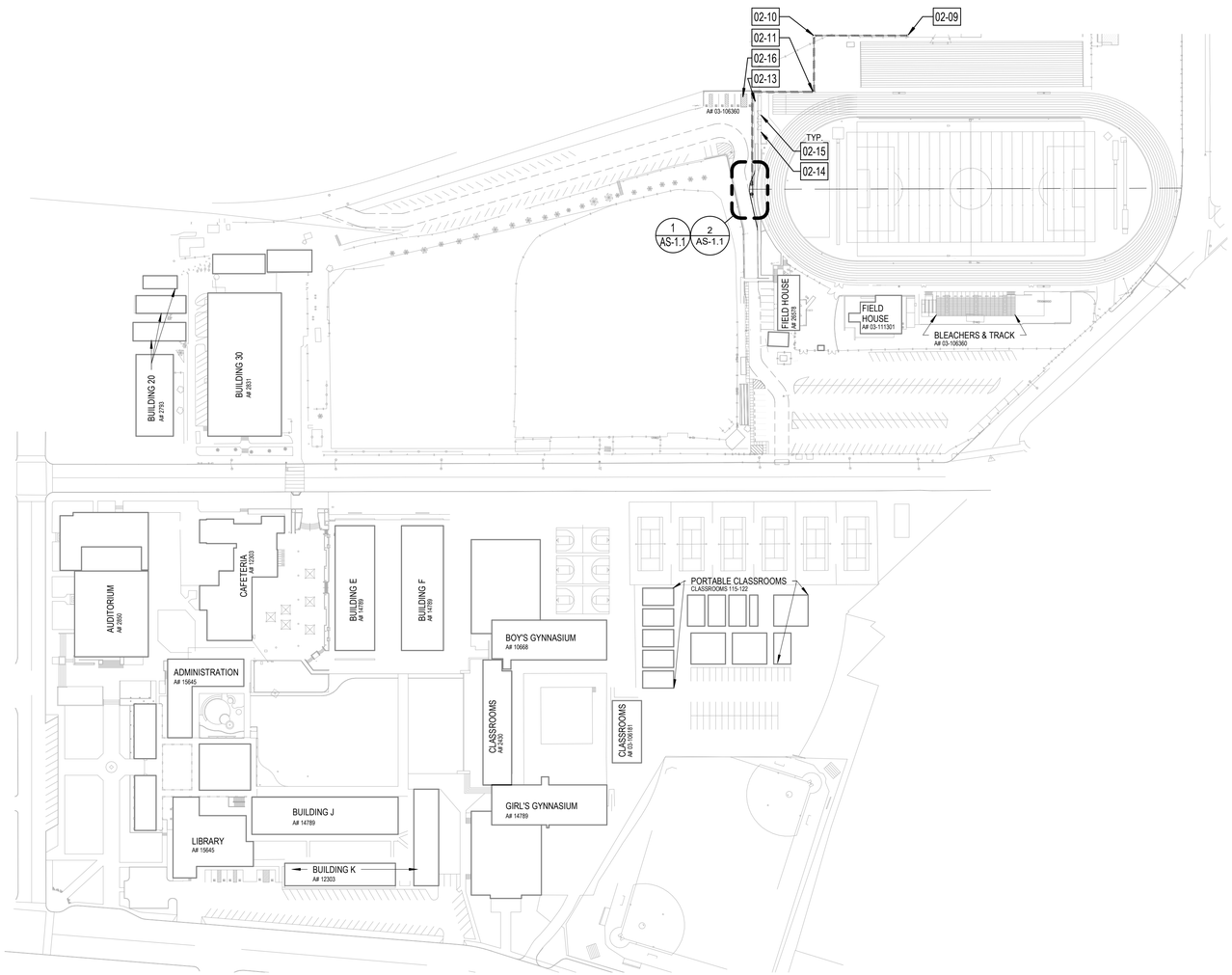
ARCH DRAWING INFO AND NOTES

RNT Project No.	241016.00.
Date	07/17/2024
Drawn by	CLD
Checked by	CS

Sheet Number

T-2.0

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1 OVERALL SITE PLAN
1" = 100'-0"

NORTH

GENERAL NOTES

1. CONTRACTOR SHALL NOTIFY DIG ALERT (1-800-422-4133) AT LEAST (2) DAYS PRIOR TO STARTING WORK AND SHALL COORDINATE ALL WORK WITH UTILITY COMPANIES.
2. THE CONTRACTOR SHALL LOCATE EXISTING ELECTRICAL, FIRE WATER, WATER, IRRIGATION, SEWER & STORM WATER WITHIN PROJECT BOUNDARIES AND ADVISE AS TO FEASIBILITY OF RELOCATION AND/OR REMOVAL.
3. ALL ITEMS ARE CONSIDERED NEW UNLESS NOTED AS (E) EXISTING.
4. IF SHEET IS LESS THAN 24"X36" IT IS A REDUCED PRINT SCALED REDUCED ACCORDINGLY.
5. ITEMS MARKED (E) ARE TO REMAIN AND BE PROTECTED IN PLACE.
6. CONTRACTOR TO REPAIR ANY DAMAGED PARKING AND ACCESSIBLE PARKING STALL STRIPING IF REQUIRED.
7. CONTRACTOR TO PROTECT ALL EXISTING TURF, TRACK, CONCRETE AND ASPHALT DURING SCOREBOARD DELIVERY AND DURING CONSTRUCTION.

LEGEND

EXISTING BUILDING

TRENCH, SEE ELECTRICAL DRAWINGS. REMOVE, DISPOSE AND REPLACE (E) PORTION OF ASPHALT PAVEMENT WHERE OCCURS.

(E) FIRE APPARATUS ACCESS ROADWAY.

KEYNOTE LIST

02-09 (E) WP PULLBOX, REFER TO EV-2.0 FOR ADD'L INFO.
02-10 (E) FLUSH PULLBOX, REFER TO EV-2.0 FOR ADD'L INFO.
02-11 (E) LB CONDULETS, REFER TO EV-2.0 FOR ADD'L INFO.
02-13 PROTECT IN PLACE (E) TRUNCATED DOMES
02-14 PROTECT IN PLACE (E) FENCE
02-15 PROTECT IN PLACE (E) GATE
02-16 PROTECT IN PLACE (E) ACCESSIBLE PARKING SPACES, REPAINT ANY DISTURBED PARKING STRIPPING.

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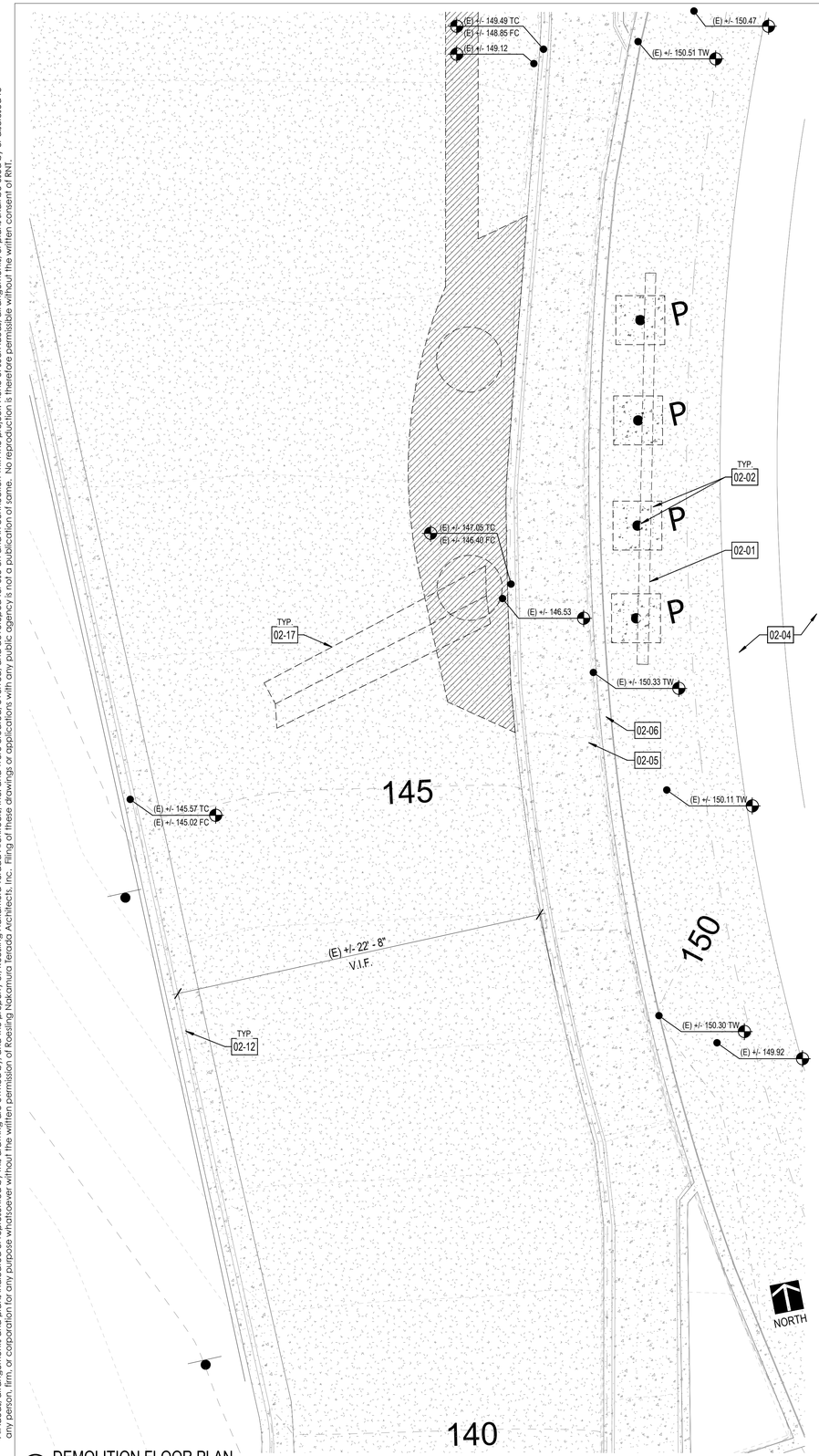
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OVERALL SITE PLAN

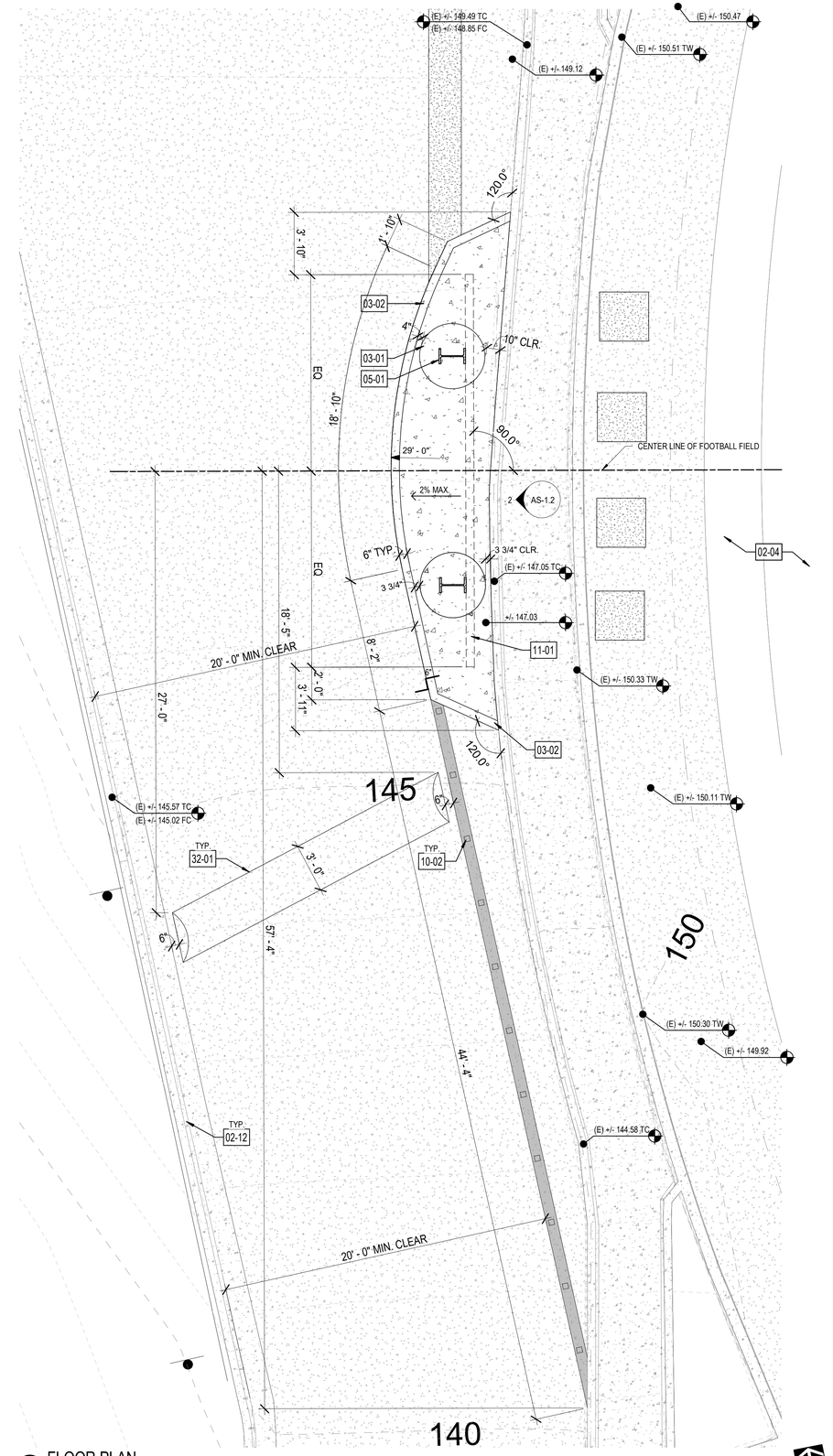
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AS-1.0



1 DEMOLITION FLOOR PLAN
1/4" = 1'-0"



2 FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES

1. COORDINATE EXTENT OF DEMO W/ ELEC. PLANS FOR INSTALLATION OF NEW ELEC. WORK. REPAIR AND REPLACE FINISHES TO MATCH RECONSTRUCTION PLANS.
2. VERIFY ALL DIMENSIONS WITH NEW WORK.
3. REMOVE OR SMOOTH ROUGH OR PROTRUDING ITEMS SUCH AS BROKEN CONCRETE AND NAILS THAT COULD NEGATIVELY IMPACT CONTRUCTION OR FUTURE WORK.
4. REFER TO SHEET T-1.0 FOR GENERAL NOTES AND STANDARDS.
5. REFER TO SHEET T-2.0 FOR ARCHITECTURAL SYMBOLS, ABBREVIATIONS AND DIMENSIONING STANDARDS.
6. ALL ITEMS ARE CONSIDERED NEW UNLESS NOTED AS (E) EXISTING. IF SHEET IS LESS THAN 24"x36" IT IS A REDUCED PRINT SCALED REDUCED ACCORDINGLY.
7. ALL CURBS, NEW AND EXISTING, THAT OUTLINE THE EXISTING ACCESS ROADWAY SHALL BE PAINTED RED. WHITE 4 INCH HIGH LETTERS READING "NO PARKING - FIRE LANE" SHALL BE STENCILED EVERY 30 FEET ON THE RED CURB. IF NO CURB IS PRESENT, AN 8 INCH WIDE RED STRIPE SHALL BE PAINTED ON THE PAVEMENT. THE STRIPE SHALL BE LETTERED THE SAME AS A CURB. REFER TO AS-1.0 FOR OUTLINE OF THE EXISTING FIRE APPARATUS ACCESS ROADWAY.

LEGEND

- PROTECT IN PLACE EXISTING CONCRETE
- PROTECT IN PLACE EXISTING ASPHALT
- DEMOLISH (E) ASPHALT
- (N) ASPHALT, REFER TO 17/AS-1.2. REFER TO 18/AS-1.2 FOR (N) ASPHALT AT VEHICULAT TRANSIT AREAS.
- (N) CONCRETE, REFER TO 16/AS-1.2
- 8" FIRELANE, REFER TO GENERAL NOTE 7.

KEYNOTE LIST

02-01	REMOVE AND DISPOSE (E) SCOREBOARD
02-02	REMOVE AND DISPOSE OF (E) STEEL COLUMN. ABONDON IN PLACE (E) CONCRETE FOOTING. PATCH AND REPAIR (E) ASPHALT PER DETAIL 17/AS-1.2
02-04	PROTECT (E) TRACK SURFACE
02-05	PROTECT IN PLACE (E) CONCRETE WALK
02-06	PROTECT IN PLACE (E) CONCRETE WALL
02-12	PROTECT IN PLACE (E) CONCRETE CURB. PAINT PER GENERAL NOTE 7.
02-17	DEMOLISH (E) SPEED HUMP
03-01	CONCRETE PIER FOOTING. REFER TO A/SB-2.1
03-02	CONCRETE CURB, REFER TO 16/AS-1.2. PAINT PER GENERAL NOTE 7.
05-01	STEEL COLUMN. REFER TO A/SB-2.1
10-02	3M RAISED PAVEMENT MARKER SERIES 290, COLOR BY OWNER, OR EQUAL @ 4'-0" O.C.
11-01	OWNER FURNISHED, CONTRACTOR INSTALLED SCOREBOARD. REFER TO DSA P.C. 04-122317 AND DRAWINGS HEREIN.
32-01	NEW ASPHALT SPEED HUMP, HEIGHT TO MATCH EXISTING WITH WHITE STRIPES TO MATCH EXISTING.

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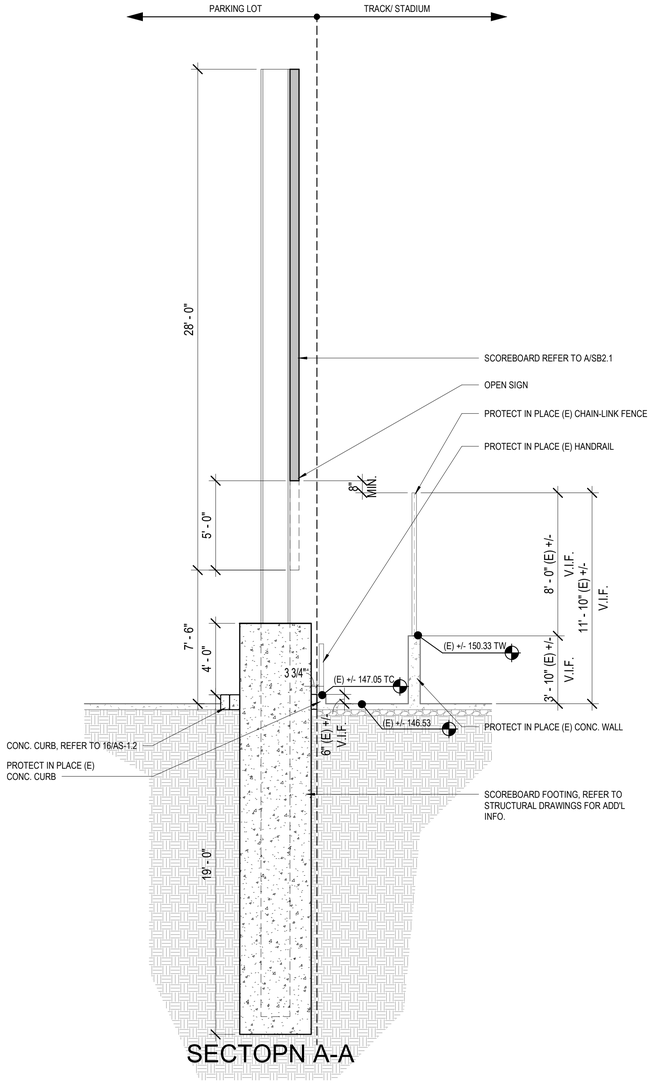
ENLARGED SITE PLANS

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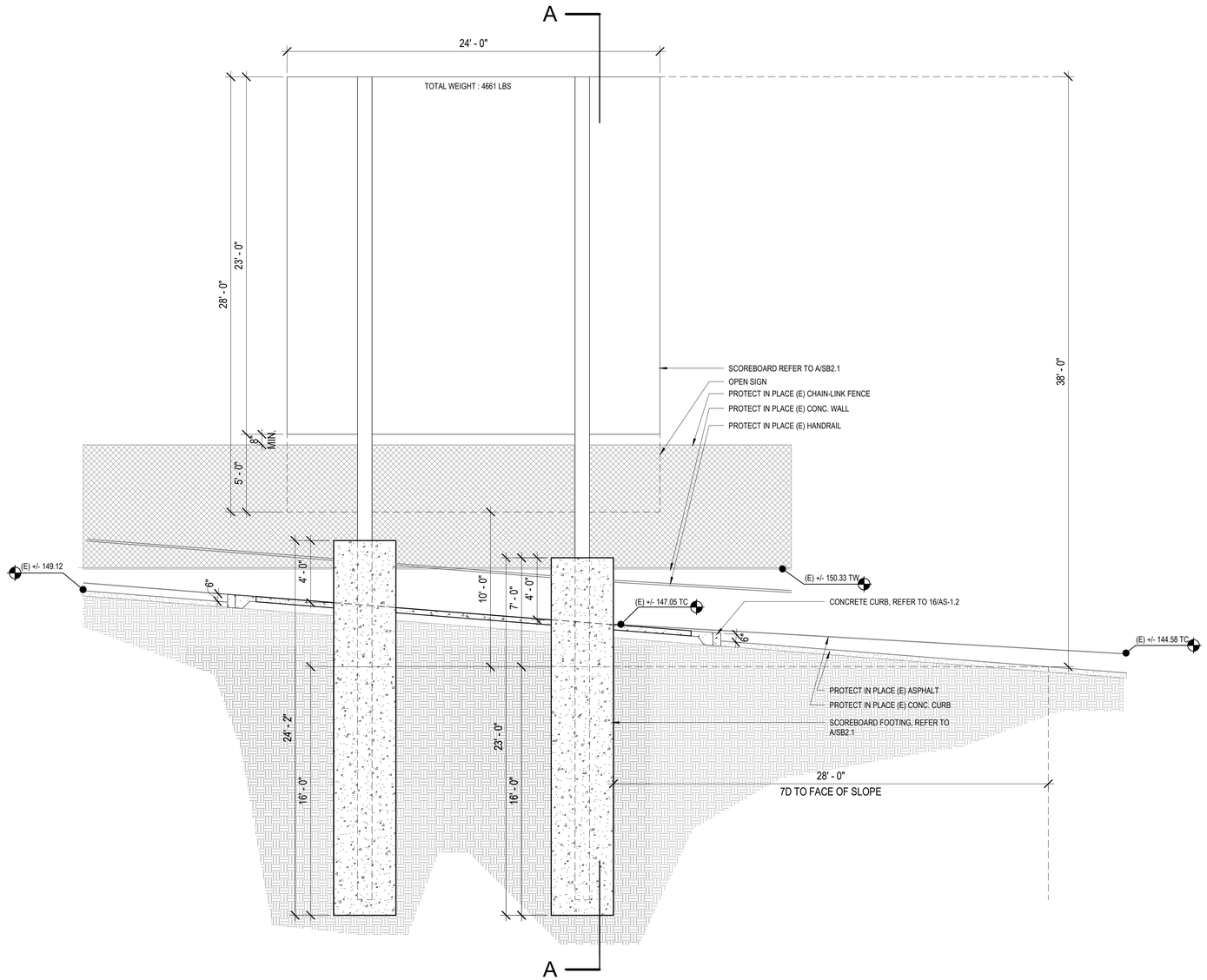
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AS-1.1

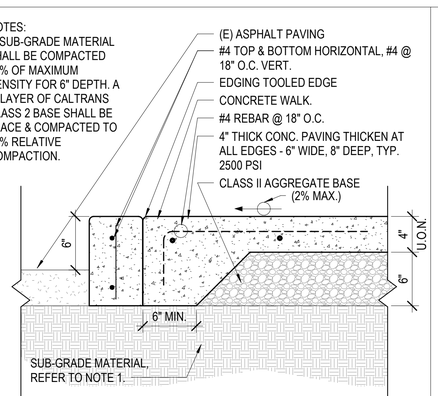
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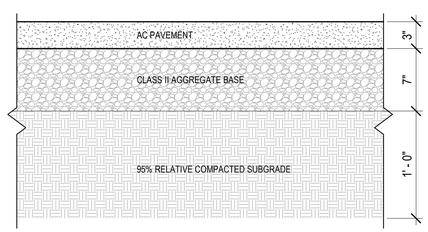
1 SCOREBOARD SECTION 1
1/4" = 1'-0"



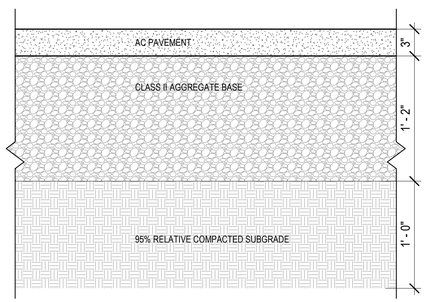
2 SCOREBOARD SECTION 2
1/4" = 1'-0"



CONC. CURB 1 1/2" = 1'-0" 16



ASPHALT PAVEMENT 1 1/2" = 1'-0" 17



ASPHALT PAVEMENT AT VEHICULAT TRANSIT AREAS. 1 1/2" = 1'-0" 18

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ENLARGED SECTIONS

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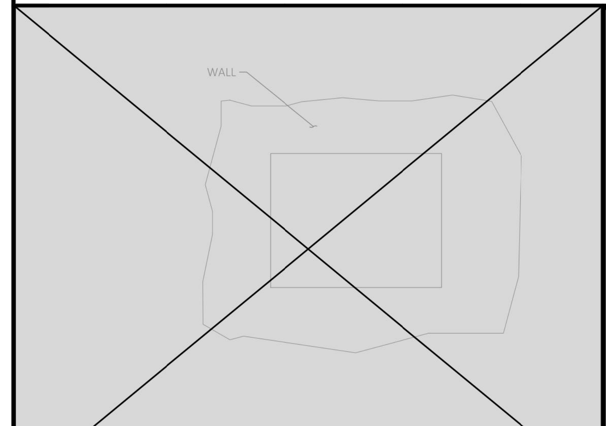
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AS-1.2

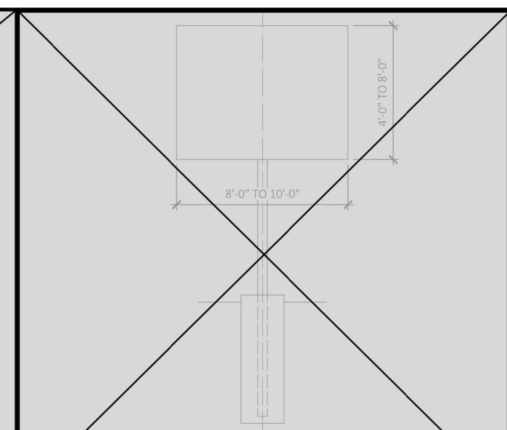
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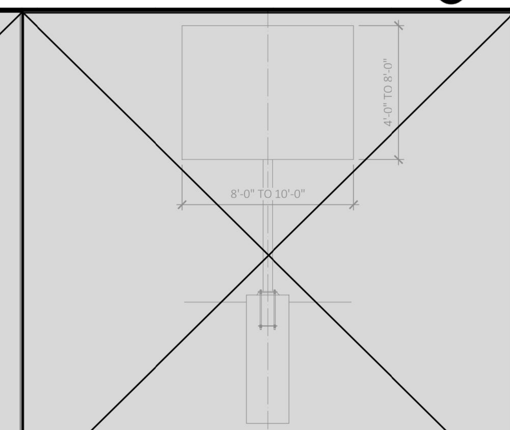
NEVCO DSA P.C. 04-122317



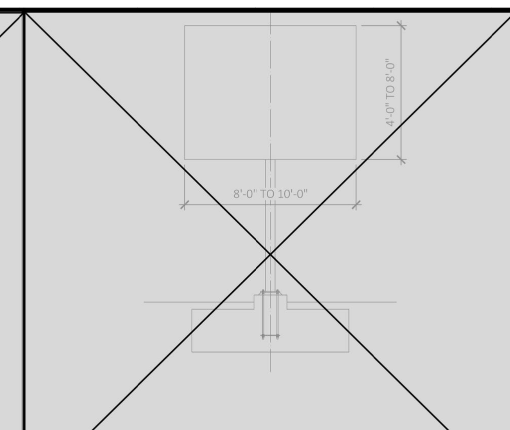
INDOOR WALL MOUNTED ASSEMBLY
SHEETS: SB0.1, SB0.2, SB6.1



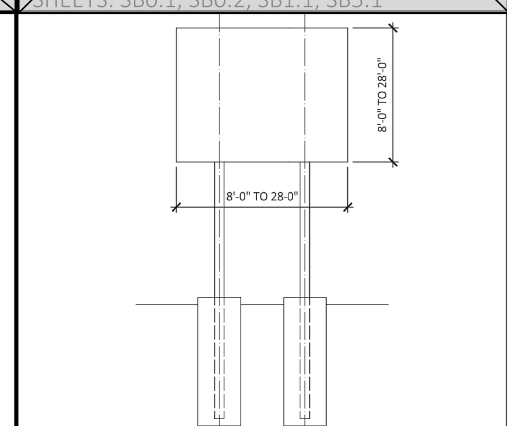
MARQUEE: COLUMN EMBEDDED IN CAISSON
SHEETS: SB0.1, SB0.2, SB1.1, SB5.1



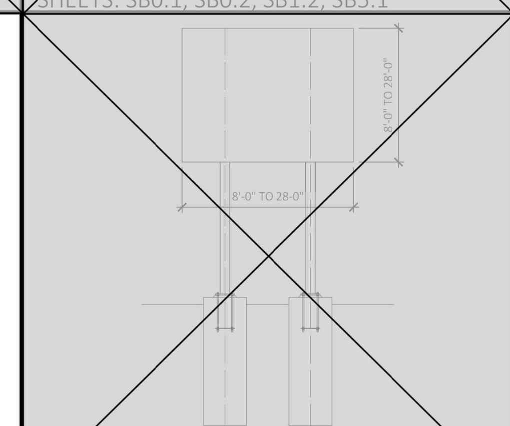
MARQUEE: CAISSON-BOLTED COLUMN
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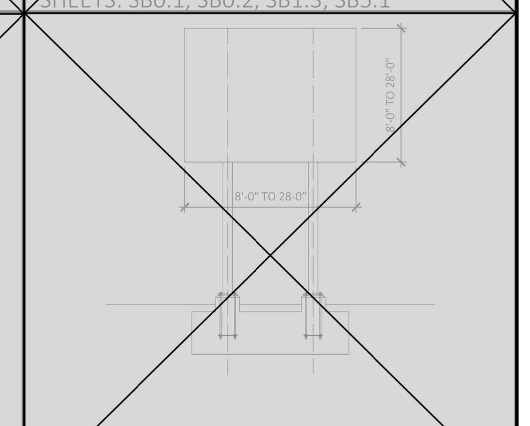
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SHEETS: SB0.1, SB0.2, SB1.3, SB5.1



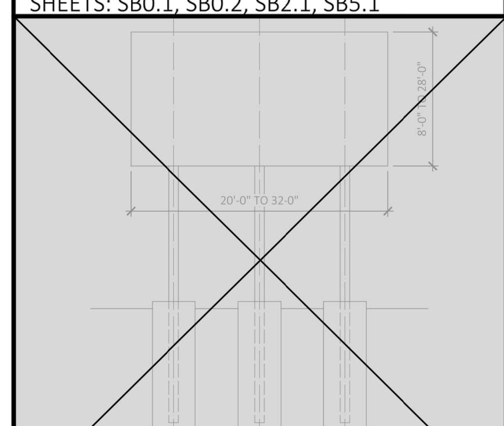
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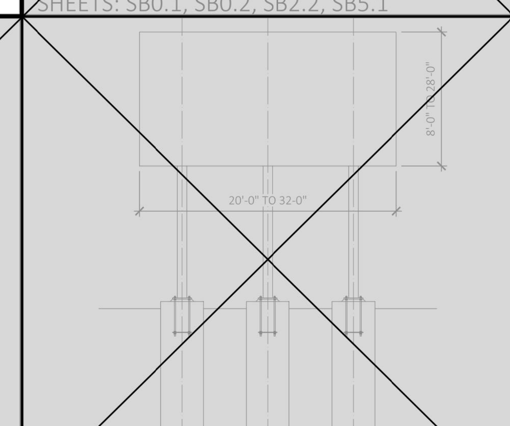
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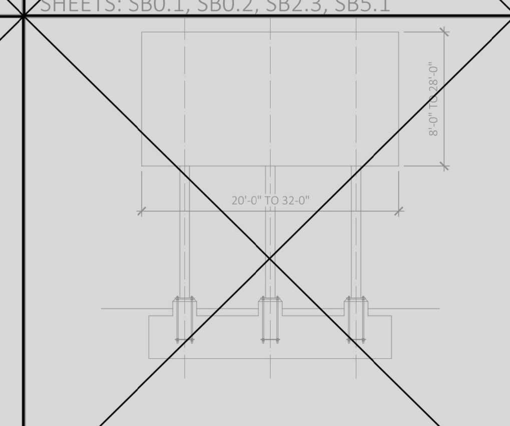
2 COLUMN: MAT FOOTING
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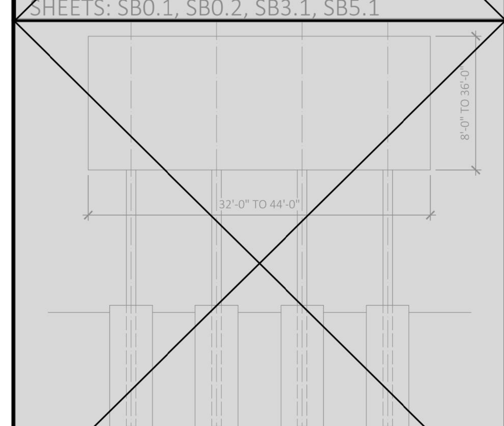
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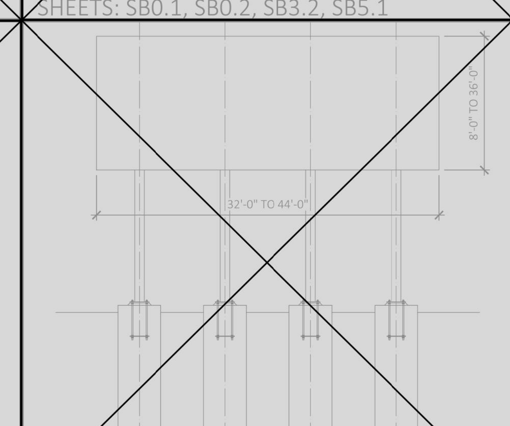
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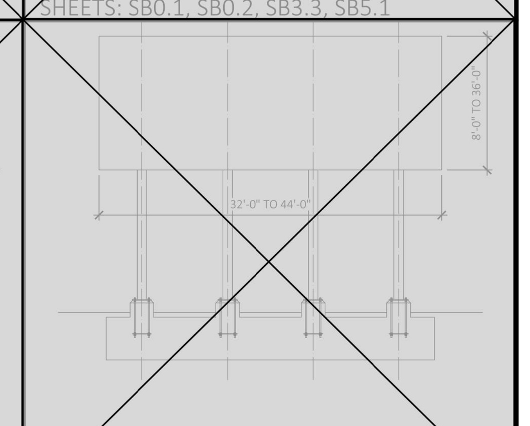
3 COLUMN: MAT FOOTING
SHEETS: SB0.1, SB0.2, SB3.3, SB5.1



4 COLUMN: COLUMN EMBEDDED IN CAISSON
SHEETS: SB0.1, SB0.2, SB4.1, SB5.1



4 COLUMN: CAISSON-BOLTED COLUMN
SHEETS: SB0.1, SB0.2, SB4.2, SB5.1



4 COLUMN: MAT FOOTING
SHEETS: SB0.1, SB0.2, SB4.3, SB5.1

SCOREBOARD ASSEMBLY WORKSHEET (TABLE A, C & D) INSTRUCTIONS

STEP 1: DETERMINE DESIRED SCOREBOARD ASSEMBLY. FILL OUT SCOREBOARD ASSEMBLY TABLE (TABLE A BELOW). PROVIDE NEVCO PART NUMBERS, PART HEIGHT, PART WIDTH, AND PART WEIGHTS.

STEP 2: DETERMINE TOTAL ASSEMBLY HEIGHT, WIDTH, AND WEIGHT, TABLE A

STEP 3: BASED ON TOTAL ASSEMBLY WIDTH, DETERMINE THE NUMBER OF REQUIRED COLUMNS.
SEE SHEETS SB1.X FOR 1 COLUMN ASSEMBLY OPTIONS
SB2.X FOR 2 COLUMN ASSEMBLY OPTIONS
SB3.X FOR 3 COLUMN ASSEMBLY OPTIONS
SB4.X FOR 4 COLUMN ASSEMBLY OPTIONS
SB6.1 FOR WALL MOUNTED ASSEMBLY OPTIONS (SKIP STEPS 4, 5, & 7)

STEP 4: PICK FOUNDATION TYPE (CAISSON WITH EMBEDDED COLUMN, CAISSON WITH BOLTED COLUMN, OR MAT FOOTING) . MARK APPLICABLE SHEET ON SHEET INDEX, SB0.1

STEP 5: MARK APPLICABLE CHECK BOX FOR SCOREBAORD SIZE ON DETAIL 'A' OF SELECTED COLUMN/FOUNDATION OPTION (SHEETS SB1.X, SB2.X, SB3.X OR SB4.X)

STEP 6: FILL IN SITE SPECIFIC SEISMIC AND WIND VALUES TABLE C ON SB0.1.

STEP 7: FILL IN SITE SPECIFIC FLOOD ZONE AS REQUIRED, TABLE D ON SB0.1

STEP 8: VERIFY ALL APPLICABLE SHEETS ARE MARKED ON SHEET INDEX, SB0.1. INCLUDE ONLY MARKED SHEETS AS PART OF DSA SUBMITTAL

SITE SPECIFIC SUBMITTAL REQUIREMENTS

SEE DSA POLICY PL 07-02 FOR ADDITIONAL INSTRUCTIONS REGARDING USE AND APPLICATION OF THIS PRE-CHECK DOCUMENT. ALL SITE SPECIFIC SUBMITTALS SHALL INCLUDE:

1. COMPLETED DSA 1 APPLICATION, DSA3, DSA 103, AND FILING FEE AND COPY OF THE PRE-CHECK DOCUMENT WITH APPLICABLE DESIGN OPTION MARKED ON THE MARQUEE, TWO COLUMN, THREE COLUMN, FOUR COLUMN, OR WALL ASSEMBLY SCHEDULES.
2. SITE PLAN OF FACILITY IDENTIFYING ALL STRUCTURES BY DSA APPLICATION NUMBER. LOCATION OF SCOREBOARD SHALL BE IDENTIFIED. ELECTRICAL PANEL SERVING THE SCOREBOARD SHALL BE LOCATED AND IDENTIFIED.
3. WHERE WIRELESS CONTROLLERS ARE NOT SPECIFIED, AN ACCESSIBLE PATH OF TRAVEL AND ACCESSIBLE SEATING FOR THE SCOREBOARD OPERATOR SHALL BE IDENTIFIED AND PROVIDED.
4. PROVIDE AN ELEVATION OF PROPOSED SCOREBOARD IDENTIFYING ALL INSTALLED DISPLAY COMPONENTS, SIGNAGE, TRUSSES, AND ADDITIONAL COMPONENTS IN THE PRE-CHECK DOCUMENT. ALL ELEMENT WEIGHTS SHALL BE SPECIFIED.
5. THE APPLICABLE SHEETS SHALL BE IDENTIFIED BY MARKING APPROPRIATE CHECK BOX ON THIS SHEET.
6. THE APPLICABLE CONFIGURATION SHALL BE IDENTIFIED BY MARKING APPROPRIATE CHECK BOX ON THE 'A' DETAILS ON THE APPLICABLE SHEET.
7. PROVIDE CUT SHEETS OF THE BOARDS, BOXES, AND EQUIPMENT TO BE MOUNTED ON THE STRUCTURE. CUT SHEETS SHALL INCLUDE WEIGHTS AND DIMENSIONS
8. SITE SPECIFIC SEISMIC DESIGN CRITERIA SHALL BE PROVIDED IN THE DRAWINGS.
9. SITE SPECIFIC BASIC DESIGN WINDSPEED AND SITE EXPOSURE SHALL BE PROVIDED ON THE DRAWINGS, SEE TABLE C.
10. STEEL COATING SPECIFICATIONS FOR WEATHER PROTECTION IF DIFFERENT THAN NOTED ON SB0.3
11. A GEOHAZARD REPORT IS NOT REQUIRED PER IR A-4.13. IF A SCOREBOARD IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED AND SIGNED BY A GEOTECHNICAL ENGINEER IS REQUIRED VALIDATING THE ALLOWABLE SOIL VALUES, PROVIDE INFORMATION IN TABLE D.
12. PROVIDE A SITE SPECIFIC DESIGN FOR STRUCTURES THAT DO NOT MEET THE MINIMUM SETBACK REQUIREMENTS.
13. PROVIDE A SITE SPECIFIC DESIGN FOR STRUCTURES LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F.
14. FOR WALL MOUNTED ASSEMBLIES (SB6.1), STRUCTURAL ANALYSIS AND JUSTIFICATION THAT THE WALL FRAMING IS CAPABLE OF SUPPORTING THE ASSEMBLY FOR VERTICAL AND LATERAL LOADS.

CHECK ALL THAT APPLY / SHEET INDEX

CHECK ALL THAT APPLY	SHEET INDEX	
■ (REQ'D)	SB0.1	COVER SHEET
■ (REQ'D)	SB0.2	STRUCTURAL NOTES
☐	SB0.3	EXAMPLE DSA 103 - TESTING AND INSPECTIONS
☐	SB1.1	MARQUEE CAISSON - EMBEDDED
☐	SB1.2	MARQUEE CAISSON - BOLTED
☐	SB1.3	MARQUEE MAT FOOTING
■	SB2.1	TWO COLUMN CAISSON - EMBEDDED
☐	SB2.2	TWO COLUMN CAISSON - BOLTED
☐	SB2.3	TWO COLUMN MAT FOOTING
☐	SB3.1	THREE COLUMN CAISSON - EMBEDDED
☐	SB3.2	THREE COLUMN CAISSON - BOLTED
☐	SB3.3	THREE COLUMN MAT FOOTING
☐	SB4.1	FOUR COLUMN CAISSON - EMBEDDED
☐	SB4.2	FOUR COLUMN CAISSON - BOLTED
☐	SB4.3	FOUR COLUMN MAT FOOTING
■	SB5.1	ATTACHMENT DETAILS
■	SB5.2	OPTIONAL SCOREBOARD FEATURE ATTACHMENT DETAILS
☐	SB5.3	DECORATIVE ALUMINUM TRUSS ATTACHMENT DETAILS
■	SB5.4	DECORATIVE ALUMINUM TRUSS ATTACHMENT DETAILS & 10mm VIDEO BOARD
☐	SB6.1	INDOOR WALL MOUNTED SCOREBOARD

CODE INFORMATION

2022 CALIFORNIA BUILDING STANDARDS CODE (TITLE 24, CCR):

2022 ADMINISTRATIVE CODE, PART 1, TITLE 24 CODE OF REGULATIONS (CCR)
2022 CALIFORNIA BUILDING CODE VOLUMES 1 &2, PART 2, TITLE 24 CCR
2022 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24 CCR
2022 CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 CCR
2022 CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 CCR
2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 CCR
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 CCR
2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR

REFERENCED CODE SECTIONS FOR APPLICABLE STANDARDS:
2022 CALIFORNIA BUILDING CODE, CHAPTER 35
2022 CALIFORNIA FIRE CODE, CHAPTER 80

GENERAL NOTES AND MATERIAL SPECIFICATIONS

GENERAL REQUIREMENTS

1. THE ARCHITECT OR PROFESSIONAL ENGINEER IN GENERAL RESPONSIBLE CHARGE SHALL SIGN AND SEAL ALL DRAWINGS AND SPECIFICATIONS PER TITLE 24, PART 1, SECTIONS 4-316(E) AND 4-317 (H).
2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA, OR CONSTRUCTION CHANGE DOCUMENTS APPROVED BY THE DIVISION OF THE STATE ARCHITECT (DSA), AS REQUIRED BY TITLE 24, PART 1, SECTION 4-338.
3. THE DISTRICT SHALL EMPLOY A CLASS 2 PROJECT INSPECTOR WHEN OVERALL STRUCTURE HEIGHT IS 35 FEET OR GREATER, OTHERWISE A CLASS 3 PROJECT INSPECTOR MAY BE USED. THE PROJECT INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK , AND SHALL SUBMIT VERIFIED REPORTS ON A DSA-6 FORM. THE DUTIES OF THE PROJECT INSPECTION ARE DEFINED IN TITLE 24, PART 1, SECTION 4-342.
4. ALL SCOREBOARD CONTROLS SHALL BE FULLY ACCESSIBLE VIA WIRELESS CONTROL OR COMPLETE DESIGN SHALL BE DEMONSTRATED IN THE SITE-SPECIFIC APPLICATION.
5. ALL ASSEMBLIES SHALL HAVE ELECTRICAL DISCONNECT PER CEC 600.6 AND BE ELECTRICALLY GROUNDED PER CEC 600.7, SEE DETAIL B/SB5.1
6. IN FLOOD ZONES, LOCATION OF ELECTRICAL ELEMENTS SHALL CONFORM TO ASCE 24, SECTION 7.2 PER DSA PR-14-01 SECTION 1.2.1.
7. SEE PAGE, SB0.2, FOR ALL MATERIAL SPECIFICATIONS AND NOTES.
8. PROJECT DESIGN PROFESSIONAL OF RECORD IS RESPONSIBLE FOR PREPARATION OF THE PROJECT SPECIFIC DSA 103 AND IS RESPONSIBLE FOR ALL SHOP DRAWING AND SUBMITTAL REVIEWS. SEE SB0.3 FOR EXAMPLE DSA 103

TABLE C - SITE SPECIFIC SEISMIC AND WIND VALUES

EARTHQUAKE DESIGN DATA	MAXIMUM		SITE SPECIFIC
Mapped Spectral Response Accelerations (Maximum)	S_S= 3.73 g	≥	S_S= 1.982 g
	S_1= 1.0 g	≥	S_1= 0.746 g
Site Class	D		D
Spectral Response Coefficients (Maximum)	S_{DS}= 2.49 g	≥	S_{DS}= 1.586 g
	S_{D1}= 1.0 g	≥	S_{D1}= 0.696 g
Wind Design Data	Value		Value
Design Wind Speed (3-sec gust), V_{ULT}	100 mph	≥	93 mph
Exposure Category	C		C

TABLE D - SITE FLOOD ZONE

THIS SECTION NOT REQUIRED IF SITE IS IN FLOOD ZONE X

Geotechnical Engineer: Not Required, Zone X

Letter Dated: Not Required, Zone X

TABLE B - STRUCTURAL DESIGN VALUES

All values reported are unfactored and strength level, unless noted otherwise

Gravity Design Data	Value
Dead Loads:	
Sign Dead Load	PER SCHEDULE
Snow Loads:	
Ground Snow Load, P_g (Maximum)	30 psf
Deflection Criteria:	
Sign, Wind Load	H/240
Wind Design Data	**Value**
Design Wind Speed (3-sec gust), V_{ULT}	100 mph
Design Wind Speed (3-sec gust), V_{ASD}	77 mph
Risk Category	II
Exposure Category	C
Applicable Internal Pressure Coefficient	± 0.18
Design Wind Pressure(s) for Components & Cladding (Not specifically designed by the Registered Design Professional, and to be modified by applicable factors per ASCE 7)	q_z=21.8xK_z psf K_zVARIES
Earthquake Design Data	**Value**
Risk Category	II
Importance Factor, I_e	1.0
Mapped Spectral Response Accelerations (Maximum)	S_S= 3.73 g S_1= 1.0 g
Site Class	A through E
Spectral Response Coefficients (Maximum)	S_{DS}= 2.49 g S_{D1}= 1.0 g
Seismic Design Category	E
Analysis Procedure Used	Equivalent Lateral Force Procedure (ASCE 7, 12.8)
Basic Seismic-Force Resisting System	Non-Building Structure, ASCE 7-16 Chapter 15
Response Modification Factor, Signs and Billboards Table 15.4-2	R= 3.0
Seismic Response Coefficient	C_s= 0.83
Design Base Shear	V= C_S w_D
Flood Design	
When the scoreboard is located in a flood zone other than Zone X, a letter stamped and signed from a Geotechnical Engineer is needed to validate allowable soil values specified in the PC are still applicable.	
Geotechnical Design Data	**Value**
Geotechnical Design Based on: 2022 California Building Code, Chapter 18A, Table 1806.A.2 (Class 5 Material)	
Allowable Soil Bearing Pressure (DL + LL)	1,500 psf
Design Passive Pressure, P_p (Tabular value has been increased per CBC Section 1806A.3.4 for pier design)	100 pcf
Design Skin Friction, f_s	100 psf

TABLE A - SCOREBOARD ASSEMBLY WORKSHEET [1]

Nevco Part No.or Description	Part Height [ft.]	Part Width [ft]	Part Weight [lb]
CUSTOM 24FT STRIP LED SCOREBOARD	4.0'	24.0'	315
FULL COLOR LED VIDEO DISPLAY	13.05'	22.05'	2734
FILLER PANELS (2)	13.05'	.975'	28X 2 = 56
ILLUMINATED SIGN	2.0'	24.0'	252
SP-1500 EV STADIUM PRO 1500EV SPEAKER	4.0'	9.0'	710
CUSTOM SPLIT DECORATIVE SQUARE TRUSS	4.0'	7.50'	2X72=144
FUTURE SIGN	4.95'	24.0'	450
Total			

TOTAL ASSEMBLY DIMENSIONS & WEIGHT [2]

Total Assembly Height =	28 ft. 0 in.
Total Assembly Width =	24 ft. 0 in.
Total Assembly Weight =	4661 lbs.
Distance from Finish Grade to Bottom of Sign =	10 ft. 0 in.
Total Height = Total Assembly Height + Distance from Finish Grade to Bottom of Sign =	38 ft. 0 in.

SCOREBOARD ASSEMBLY FOOTNOTES

1. Verify part number, dimensions, and weight with Nevco
2. See Step 3 of Scoreboard Assembly Worksheet Instructions

SSG structural engineers

REGISTERED PROFESSIONAL ENGINEER MICHAEL E. PAROLINI No. 5405 STRUCTURAL STATE OF CALIFORNIA

PC SEOR SEAL DATE SIGNED: 08.09.2023

THESE DRAWINGS, NOTES AND DETAILS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF SSG STRUCTURAL ENGINEERS, LLP. ALL DRAWINGS, INFORMATION, SPECIFICATIONS, IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED WITHIN THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF THE ENGINEER. NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ENGINEER. COPYRIGHT 2023. THANK YOU FOR YOUR INTEREST IN NEVCO SCOREBOARD PRODUCTS

NEVCO
301 East Harris Avenue, Greenville, Illinois 62246
Phone: (618) 664-0360
www.nevco.com

APPROVED DIV. OF THE STATE ARCHITECT
APP: 04-122317 PC
REVIEWED FOR SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 09/20/2023

DSA STAMP

PRE-CHECK (PC) DOCUMENT
CODE: 2022

A separate project application for construction is required.

COVER SHEET

SHEET INFORMATION

DATE	08.09.2023
DRAWN	JMK
CHECKED	MEP
SSG JOB #	S23109
SHEET	SB0.1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124491 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 07/23/2024

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REGISTERED PROFESSIONAL ENGINEER MICHAEL E. PAROLINI No. 5405 STRUCTURAL STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST,
VENTURA, CA 93001

No.	Description	Date

Sheet Name

SCOREBOARD COVER SHEET

RNT Project No.	21936.00.
Date	05/01/2024
Drawn by	JMK
Checked by	MEP

Sheet Number

SB0.1

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of, Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

STRUCTURAL NOTES

GENERAL NOTES

1. The following notes, typical details and schedules shall apply to all phases of this project unless otherwise shown or noted.
2. Specific notes and details shall take precedence over general notes and typical details.
3. All materials and workmanship shall conform to the minimum standards of the 2022 edition Title 24 of the California Building Code (CBC) and such other regulating agencies exercising authority over any portion of the work. The contractor shall have a current copy of the CBC on the job site.
4. The "Contract or Construction Documents" shall consist of these notes, details, schedules, plans, and drawings.
5. All specifications, including but not limited to materials and products, shall be those put forth in the "Contract or Construction Documents". No substitutions shall be permitted to be used or assumed to be used in the bidding or construction process without written approval by the Structural Engineer of Record.
6. The contractor shall examine the "Contract or Construction Documents" and shall notify the Architect or Structural Engineer of Record of any discrepancies he may find before proceeding with the work.
7. All information on existing conditions shown on drawings are based on best present knowledge available, but without guarantee of accuracy. The Contractor shall verify and be responsible for all dimensions and conditions at the site and shall notify the Architect or Structural Engineer of Record of any discrepancies between actual site conditions and information shown on or in the "Contract or Construction Documents" before proceeding with work.
8. The Contractor shall immediately notify the Architect or Structural Engineer of Record of any condition which in his opinion might endanger the stability of the structure or cause distress of the structure.
9. All work shall conform to the best practice prevailing in the various trades comprising work. The Contractor shall be responsible for coordinating the work of all trades.
10. These "Contract or Construction Documents" represent the finished structure, and do not indicate the method of construction. The Contractor shall supervise and direct the work and shall be solely responsible for construction means, methods, techniques, sequences and procedures.
11. Inspection and approval for fabricator's shops used for fabrication of structural load bearing members, components, materials or assemblies shall conform to CBC Section 1704A.2.5.
   A. Labeling (as required or specified) shall be provided in accordance with CBC Section 1703A.5.
   B. Evaluation and follow-up inspection services (as required or specified), shall conform to CBC Section 1703A.6.
12. The Contractor shall provide temporary bracing and shoring for all structural members as required for structural stability of the structure during all phases of construction.
13. The Contractor shall take all steps necessary to ensure proper alignment of the structure after the installation of all structural and finish materials. This shall include any necessary preloading of the structure to determine final position of the completed work.
14. Observation visits to the project site by field representatives of Architect and/or Structural Engineer of Record (support services) shall not include inspections of safety or protective measures, nor construction procedures, techniques or methods. Any support services performed by Architect or Structural Engineer of Record during any phase of construction, shall be distinguished from continuous and detailed inspection services (as required by any regulating governmental agency, e.g. the Authority Having Jurisdiction) provided by others. these support services, whether of material or work, are performed solely for the purpose of assisting in quality control and in achieving conformance with contract documents, but do not guarantee Contractor's performance and shall not be construed as supervision of construction.
15. These notes, details, drawings and specifications (Contract or Construction Documents) do not carry necessary provisions for construction safety. These documents and all phases of construction hereby contemplated are to be governed, at all times, by applicable provisions of the current California Occupational Safety and Health Act.
16. Where any conflict occurs between the requirements of federal, state and local laws, codes, ordinances, rules and regulations, the most stringent shall govern.
17. Written dimensions shall have precedence over scaled dimensions.
18. Drawings (notes, schedules, details and plans) shall have precedence over Structural Calculations.
19. In the event that certain features of the construction are not fully shown on the drawings or called for in the General Notes or Specifications, then their construction shall be of the same character as for similar conditions that are shown or called for.
20. ASTM designation and all standards refer to the latest amendments.
21. These structural "Contract or Construction Documents" shall not be modified without prior written approval of the Structural Engineer of Record.
22. Only structural working drawings approved by the Division of the State Architectare permitted to be used for construction on this project. All other drawings or documents are obsolete and are not permitted on the job site, nor shall they be used for any construction purposes. Contractors using unapproved drawings or documents are solely responsible for all work not performed in accordance with the "approved" drawings.
23. A Division of the State Architect certified project inspector employed by the District (Owner) and approved by the Division of the State Architect shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24 California Code of Regulations.

FOUNDATION NOTES

1. Basis: See Structural Design Values Chart, Sheet SB0.1 Table B
2. Unexpected soil conditions: Allowable values and foundation design are based upon the minimum values provided in Table 1806A.2 of the 2022 California Building Code. See SB0.1 for values
3. Excavate to required depths and dimensions (as indicated in drawings), cut square and smooth with firm level bottoms. Care shall be taken not to over-excavate foundation at lower elevation and prevent disturbing of soils around higher elevation.
4. Footings shall be poured in neat excavations, without side forms whenever possible.
5. Carry all foundations to required depths into compacted fill or natural soil (as per Structural Plans and Details).
6. All foundation excavations shall be inspected and approved by the Inspector of Record or Geotechnical Engineer prior to forming and placement of reinforcing or concrete.
7. Foundations shall not be poured until all required reinforcing steel, sleeves, inserts, conduits, pipes, etc. and formwork is properly placed and inspected by the Authority having Jurisdiction.
8. The sides and bottoms of excavations which are to have concrete contact must be moistened several times just prior to pouring upon them.
9. De-water footings, as required, to maintain dry working conditions.

REINFORCING STEEL

1. All reinforcing steel shall be deformed intermediate grade bars conforming to ASTM A615, Grade 60 (f_y = 60 ksi) unless noted otherwise.
2. Reinforcing steel shall not be welded, unless specifically noted otherwise.
3. To hold reinforcing bars in their true position and prevent displacement, standard tie and anchorage devices must be provided. Placing of reinforcement shall conform to ACI 318-19 Section 26.6.2.
4. Shop drawings for fabrication of any reinforcing steel shall be approved by Contractor and submitted to Project Specific Architect or Project Specific Structural Engineer of Record, for their review, prior to fabrication.
5. Refer to typical details for minimum splice length and minimum radius of bend of reinforcing steel.
6. All reinforcing steel splices shall be staggered 24", unless specifically noted or detailed otherwise.
7. All reinforcing bar bends shall be made cold.
8. Fabrication, erection and placement of reinforcing steel shall conform to Concrete Reinforcing Steel Institute of Standard Practice.
9. Reinforcing steel shall be clean of rust, grease or other material likely to impair bond.

CONCRETE

1. All concrete shall have a minimum ultimate compressive strength (f'_c) as outlined below at 28 days. All concrete shall be regular weight (unless specifically noted otherwise).
   A. Concrete for footings: 4,500 psi w/c = 0.45 max.
2. Maximum Fly Ash content shall be 15%, by weight, of total cementitious materials and shall conform to ASTM C618.
3. All concrete work shall comply with CBC Chapter 19A and ACI 318-19 and latest edition of ACI Manual of Concrete Practice.
4. Special Inspection (as required or specified) shall conform to CBC Chapter 17A.
5. Cement shall be portland cement Type V and shall conform to ASTM C150.

6. Aggregates shall conform to ASTM C33, provide aggregates from a single source.

7. Water shall conform to ASTM C94 and be potable.

8. Where not specifically detailed, the minimum concrete cover on reinforcing steel shall be:
   A. Concrete cast against and permanently exposed to earth or weather: 3"

10. All reinforcing steel, anchor bolts, dowels, inserts and any other hardware to be set in concrete shall be well secured in position prior to pouring of concrete.

11. Vibrate all concrete as it is placed, with a mechanical vibrator operated by experienced personnel. The vibrator shall be used to consolidate the concrete, not transport it. Reinforcing and forms shall not be vibrated.

12. Formwork design and removal shall conform to ACI 318-19 Section 26.11. Remove forms in accordance with the following minimum schedule:
   A. Side forms of footings: Minimum 48 hours
   B. Column and pier forms: 72 hours & 70% of design strength

15. Concrete shall not free fall more than six feet. Use tremie, pump or other approved methods.

16. Concrete shall be maintained in a moist condition for a minimum of 5 days after placement.

17. The Contractor may use concrete admixtures as a construction means and methods to execute "Contract or Construction Documents". Use of admixture is solely the responsibility of the Contractor.

18. Mix designs shall be prepared by an approved testing laboratory, signed by a licensed engineer and shall be submitted to the Project Specific Design Professional of Record for approval. SSG is not responsible for review or approval of site specific concrete mix design.

19. Only one grade of concrete shall be allowed on project site at any one time

20. Concrete strength shall be verified by standard cylinder tests (in accordance with CBC Section 1905A.1.16) made by an approved testing laboratory.

21. Concrete placed when the air temperature has fallen to, or is expected to fall below 40° shall conform to ACI 318-19 Section 26.5.4, and ACI 306R-16.

22. Concrete placed during hot weather shall conform to ACI 318-19 Section 26.5.5, and ACI 305R-14.

23. Conduits and sleeves placed within structural concrete shall not be tied directly to structural reinforcement.
   A. 1" concrete cover shall be maintained around all reinforcement.

24. No stakes shall be permitted within the footing section.

25. Concrete shall reach minimum 75% design strength or cure for 3 days minimum prior to installation of steel columns and scoreboard components.

DRILLED CAISSON/PIER AND GRADE BEAM NOTES

1. Excavations for drilled caissons/pier shall be performed in compliance with local grading codes and ordinances as well as CBC Chapters 18A and 33A.
2. Provide Special Inspection in accordance with CBC Section 1705A.8 and Table 1705A.8.
3. Excavations for all drilled caissons/piers shall be approved by the Project Geotechnical Engineer or Project Special Inspector prior to placing of concrete.
4. Reinforcement for drilled caissons/pier shall be approved by the Structural Engineer of Record prior to placing in caisson/pier excavation.
5. De-water caisson/pier footings and building excavation as required to maintain dry working conditions.
6. Caisson/piers are to be poured within 24 hours after completion of drilling operation. Shoring requirements shall be determined by contractor. Contractor shall be provide fall protection and safety barriers at and near the drilled hole as required by OSHA and the Authority Having Jurisdiction.
7. The Contractor shall be responsible for all shoring, bracing, etc. necessary to support cut and/or fill banks, and existing structures during excavation, and the forming and placement of concrete.
8. Bottom of caissons/piers shall be thoroughly cleaned prior to placement of concrete.

STRUCTURAL STEEL AND WELDING

1. All structural steel construction shall conform to AISC 360-16 and AISC 341-16.
   A. Fabrication of all structural steel shall be done in the shop of an approved fabricator. Inspection and approval for fabricator's shops used for fabrication of structural load bearing members, components, materials or assemblies shall conform to CBC Section 1704A.2.5.
2. All structural steel shall conform to the following specifications:
   A. Angles, channels, plates, bars, rounds, and other miscellaneous shapes: Shall conform to ASTM A36 and shall have a minimum yield stress (F_y) of 36 ksi.
   B. Wide-flange shapes: Shall conform to ASTM A992 and shall have a minimum yield stress (F_y) of 50 ksi.
   C. Structural tubes: Shall be ASTM A500, Grade C, and shall have a min. yield stress (F_y) of 50ksi.
3. All structural steel fasteners shall conform to the following specifications:
   A. Bolts shall conform to ASTM A307
   B. Anchor Bolts shall conform to ASTM F1554, Grade as noted in drawings
   C. Carbon steel nuts shall conform to ASTM A563
   D. Stainless steel nuts shall conform to ASTM F594
   E. Washers shall conform to ASTM F436
4. Special Inspection shall be provided for all structural steel and welding, in accordance with CBC Chapter 17A.
5. All structural steel shall be fabricated, erected and welded in accordance with AISC Specifications for Structural Steel Buildings (AISC 360-16) and Code of Standard Practice for Steel Buildings and Bridges (AISC 303-16).
6. All welding shall be done by qualified and certified welders.
7. Shop drawings for the fabrication of any structural steel shall be approved by the Contractor and submitted to Project Specific Architect or Project Specific Structural Engineer of Record for their review, prior to fabrication.
8. No holes other than those specifically detailed shall be allowed through structural steel members. Burning of holes is not permitted.
9. All welding shall conform to 'AWS D1.1' specifications for welding. (E-70XX Electrodes).
10. Where fillet weld size is not indicated, use 'AWS' minimum size based on the thickness of the thinner part being welded, as specified in AISC Specifications for Structural Steel Buildings (AISC 360-10), Section J2.2.
11. All butt welds to be complete joint penetration, unless specifically noted otherwise.
12. Welder qualification requirements, welding procedure and welding electrodes for all structural steel (except structural sheet steel, see steel decking) shall conform to CBC Sections 1705A.2.1 and 2204A.1.
13. Provide 3" minimum concrete cover around all structural steel below grade.
14. Structural steel embedded into concrete shall be uncoated.
15. Structural steel shall be hot-dip galvanized (minimum ASTM A123 or A153 Class D) or painted with zinc-rich primer, undercoat, and finish coat; or equivalent paint system.
16. 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 in minimum 1,000 hours of exposure in salt spray test per ASTM B117. Zinc plated fasteners do not comply with this requirement.

ABBREVIATIONS

A.B.	Anchor Bolt
ABV.	Above
ACI	American Concrete Institute
ADJ.	Adjacent
AHJ	Division of the State Architect
AISC	American Institute of Steel Construction
AOR	Architect of Record
APPROX.	Approximate(ly)
ASCE	American Society of Civil Engineers
ARCH.	Architect, Architecture
ASTM	American Society of Testing and Materials
ATR	All Thread Rod
AWS	American Welding Society
B.O.	Bottom of ______
BOT.	Bottom
b/t	Between
CAC	California Administrative Code
CBC	California Building Code
CIP	Cast-in-place
CJP	Complete Joint Penetration
℄	Centerline
CLR.	Clear
COL.	Column
CONC.	Concrete
CONN.	Connection
CONST.	Construction
CONT.	Continue, Continuous
Ø	Diameter
DBL.	Double
DET.	Detail
DL	Dead Load
DSA	Division of State Architect
DWGS.	Drawings
EA.	Each
E.F.	Each Face
ELEC.	Electric, Electrical
ELEV.	Elevation
EMBED.	Embedded, Embedment
EOR	Engineer of Record
EQ.	Equal
EQUIP.	Equipment
E.S.	Each Side
E.W.	Each Way
EXT.	Exterior
FAB.	Fabricated
FDN.	Foundation
F.G.	Finish Grade
F.O.	Face of ______
FRMG.	Framing
FT.	Foot,Feet
FTG.	Footing
GA.	Gauge
GALV.	Galvanized
GEOR	Geotechnical Engineer of Record
HORIZ.	Horizontal
HSS	Hollow Steel Section
HT.	Height
ICC	International Building Code
ICC	International Code Council
ID	Inside Diameter
IN.	Inch, Inches
INT.	Interior
ksi	Kips per Square Inch
LL	Live Load
MAX.	Maximum
MB	Machine Bolt
MFR.	Manufactured, Manufacturer
MIN.	Minimum
MPH	Miles per Hour
N/R	Not Required
N.T.S.	Not to Scale
o.c.	On Center
o/	Over
OD	Outside Diameter
PEN.	Penetration
PL.	Plate
PJP	Partial Joint Penetration
psi	Pounds per Square Inch
PSF	Pounds per Square Foot
REBAR	Reinforcing Bar
REINF.	Reinforcement
REQ'D	Required
S.F.	Square Feet
SHT.	Sheet
SIM.	Similar
SMS	Sheet Metal Screw
SQ.	Square
STAGG'D	Staggered
STD.	Standard
STL.	Steel
SEOR	Structural Engineer of Record
T&B	Top and bottom
THR'D	Threaded
T.O.	Top of ______
TYP.	Typical
U.N.O.	Unless Noted Otherwise
VERT.	Vertical
VIF	Verify in Field
w/	With
w/c	Water/Cement Ratio
WSS	Welded Steel Stud
WT.	Weight

POST INSTALLED ANCHOR & TESTING

1. All post-installed anchors are to be tension tested with the exception that torque testing is allowed if the anchors are specifically designed as torque controlled
2. Test quantity of post-installed anchors as noted below:

Application	Quantity
Non-structural (Equipment Anchorage, etc.)	50%
Structural	100%

3. Apply proof test loads to anchors without removing the nut if possible. if not, remove nut and install a threaded coupler to the same tightness of the original nut using a torque wrench and apply load.
4. All tests shall be performed in the presence of the inspector.
5. Reaction loads from test fixtures may be applied close to the anchor being tested, provided the anchor is not restrained from withdrawing or restricted from a concrete shear cone type failure mechanism.
6. Test equipment is to be calibrated by an approved testing laboratory in accordance with standard recognized procedures.
7. The following criteria apply for the acceptance of installed anchors:
   A. Hydraulic ram method: anchors tested with a hydraulic jack or spring loaded devices shall maintain the test load for a minimum of 15 seconds and shall exhibit no discernable movement during the tension test, e.g. as evidenced by loosening of the washer under the nut.
   B. Torque wrench method: anchors tested with a calibrated torque wrench must attain the manufacturer recommended torque within ½ turn of the nut.
   Exceptions:
   - Wedge or sleeve type: one-quarter turn of the nut from 3/8" sleeve anchor only.
   - Threaded type: one-quarter turn of the screw after initial seating of the screw head.
8. If any anchor fails testing, test all anchors of the same type not previously tested until twenty consecutive anchors pass, then resume the initial test frequency. if the anchors are used for the support and bracing of non-structural components (pipe, duct or conduit), the twenty shall be only those anchors installed by the same trade.
9. Test loads per ICC ESR, IAPMO, OR UES report
10. When installing drilled-in anchors and/or powder driven pins in existing non-prestressed reinforced concrete, use care and caution to avoid cutting or damaging the existing reinforcing bars. When installing them into existing prestressed concrete (pre- or post-tensioned) locate the prestressed tendons by using a non-destructive method prior to installation. Exercise extreme care and caution to avoid cutting or damaging the tendons during installation. Maintain a minimum clearance of one inch between the reinforcement and the drilled-in anchor and/or pin.

ANCHOR TORQUE TEST VALUES

Anchor Diameter	CONCRETE		MASONRY	
	HILTI KB TZ 2	SIMPSON STRONG BOLT 2	HILTI KB TZ 2	SIMPSON STRONG BOLT 2
	ESR-4266	ESR-3037	ESR-4561	ER-240
⅜"	30 ft-lb	30 ft-lb	15 ft-lb	20 ft-lb
½"	50 ft-lb	60 ft-lb	25 ft-lb	35 ft-lb
⅝"	40 ft-lb	90 ft-lb	30 ft-lb	55 ft-lb
¾"	110 ft-lb	150 ft-lb	50 ft-lb	100 ft-lb

If the manufacturer's recommended installation torque is less than the test torque noted in the table, the manufacturer's recommended installation torque should be used in lieu of the tabulated values.

See manufacturer's ESR report for Maximum Impact Wrench Torque Rating.

SSG structural engineers

PC SEOR SEAL
REGISTERED PROFESSIONAL ENGINEER MICHAEL E. PAROLINI No. 5405 STRUCTURAL STATE OF CALIFORNIA
DATE SIGNED: 08.09.2023

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CODE: 2022

A separate project application for construction is required.

STRUCTURAL NOTES & SPECIAL INSPECTIONS

SHEET INFORMATION

DATE	08.09.2023
DRAWN	JMK
CHECKED	MEP
SSG JOB #	S23109
SHEET	SB0.2

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VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST,
VENTURA, CA 93001

No.	Description	Date

Sheet Name
STRUCTURAL NOTES

RNT Project No.	21936.00.
Date	05/01/2024
Drawn by	JMK
Checked by	MEP

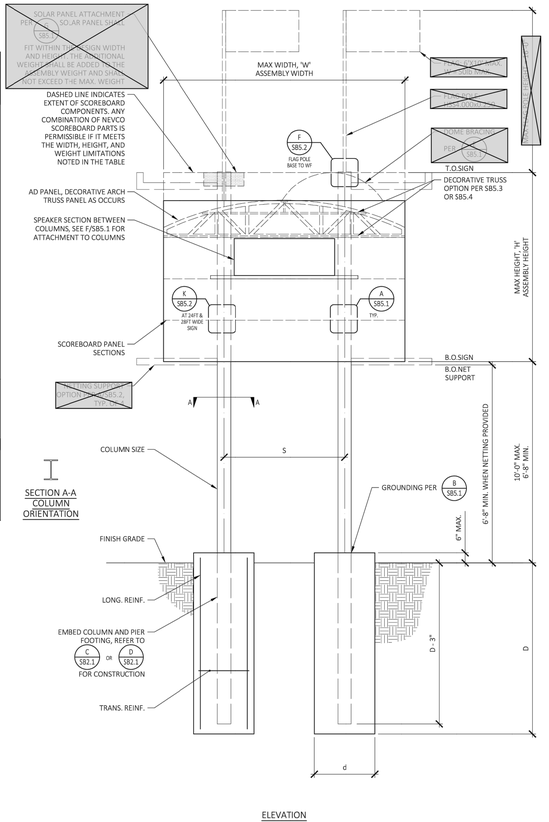
Sheet Number
SB0.2

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TWO COLUMN ASSEMBLY

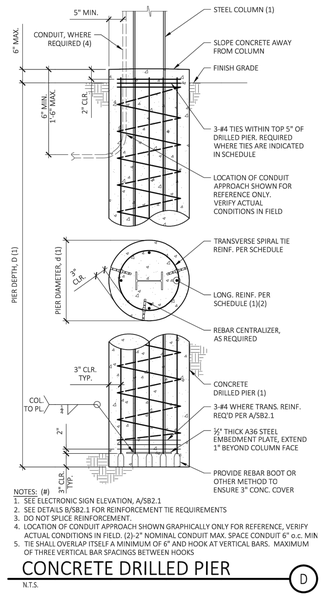
ASSEMBLY CRITERIA							PIER FOOTING CRITERIA (3)			
ASSEMBLY WIDTH, W	CHECK OPTION THIS APPLICATION	MAX. WEIGHT	ASSEMBLY HEIGHT, H	COLUMN SPACING, S	COLUMN SIZE	COLUMN SIZE, W/O FLAG	PIER DIAMETER, d	DEPTH, D	LONG. REINF. (3)	TRANS. REINF. (2)
8'-0"		770 lbs.	≤ 8'-0"	8'-0"	W8x24	W8x24	30"ø	7'-6"	N/R	N/R
		1,160 lbs.	≤ 12'-0"	6'-0"	W10x33	W10x33	35"ø	8'-9"	N/R	N/R
		1,540 lbs.	≤ 16'-0"	6'-0"	W12x40	W12x40	35"ø	9'-0"	N/R	N/R
		1,920 lbs.	≤ 20'-0"	6'-0"	W14x61	W14x61	35"ø	10'-3"	4 - #5	#4 @ 8"o.c.
9'-0"		870 lbs.	≤ 8'-0"	8'-0"	W8x24	W8x24	30"ø	7'-9"	N/R	N/R
		1,300 lbs.	≤ 12'-0"	8'-0"	W10x33	W10x33	35"ø	9'-0"	N/R	N/R
		1,730 lbs.	≤ 16'-0"	8'-0"	W12x45	W12x40	35"ø	9'-3"	4 - #5	#4 @ 8"o.c.
		2,160 lbs.	≤ 20'-0"	8'-0"	W14x61	W14x61	35"ø	10'-3"	4 - #5	#4 @ 8" o.c.
10'-0"		960 lbs.	≤ 8'-0"	8'-0"	W8x24	W8x24	30"ø	8'-0"	N/R	N/R
		1,440 lbs.	≤ 12'-0"	8'-0"	W10x33	W10x33	35"ø	8'-6"	N/R	N/R
		1,920 lbs.	≤ 16'-0"	8'-0"	W14x48	W14x48	35"ø	9'-9"	4 - #5	#4 @ 8"o.c.
		2,400 lbs.	≤ 20'-0"	8'-0"	W14x61	W14x61	48"ø	9'-9"	4 - #5	#4 @ 8" o.c.
12'-0"		1,160 lbs.	≤ 8'-0"	8'-0"	W10x33	W10x30	30"ø	8'-6"	N/R	N/R
		1,730 lbs.	≤ 12'-0"	8'-0"	W14x43	W14x43	35"ø	9'-3"	N/R	N/R
		2,310 lbs.	≤ 16'-0"	8'-0"	W14x61	W14x61	35"ø	10'-3"	4 - #5	#4 @ 8"o.c.
		2,880 lbs.	≤ 20'-0"	8'-0"	W14x61	W14x61	48"ø	10'-3"	4 - #5	#4 @ 8" o.c.
16'-0"		1,540 lbs.	≤ 8'-0"	8'-0"	W10x33	W10x33	30"ø	9'-6"	4 - #5	#4 @ 8"o.c.
		2,310 lbs.	≤ 12'-0"	8'-0"	W12x45	W12x40	35"ø	10'-3"	4 - #5	#4 @ 8"o.c.
		3,080 lbs.	≤ 16'-0"	8'-0"	W14x61	W14x61	35"ø	11'-0"	4 - #5	#4 @ 8" o.c.
		3,840 lbs.	≤ 20'-0"	8'-0"	W16x77	W16x67	48"ø	12'-0"	4 - #6	#4 @ 8" o.c.
18'-0"		1,730 lbs.	≤ 8'-0"	10'-0"	W12x35	W12x35	30"ø	10'-0"	4 - #5	#4 @ 8"o.c.
		2,600 lbs.	≤ 12'-0"	10'-0"	W14x43	W14x43	35"ø	10'-9"	4 - #5	#4 @ 8"o.c.
		3,460 lbs.	≤ 16'-0"	10'-0"	W14x61	W14x61	48"ø	10'-9"	4 - #6	#4 @ 8" o.c.
		4,320 lbs.	≤ 20'-0"	10'-0"	W16x77	W16x77	48"ø	12'-0"	4 - #6	#4 @ 8" o.c.
24'-0"		2,310 lbs.	≤ 8'-0"	14'-0"	W14x43	W14x43	35"ø	9'-9"	4 - #5	#4 @ 8"o.c.
		3,460 lbs.	≤ 12'-0"	14'-0"	W14x61	W14x61	48"ø	11'-6"	4 - #5	#4 @ 8" o.c.
		4,610 lbs.	≤ 16'-0"	14'-0"	W16x67	W16x67	48"ø	11'-9"	4 - #6	#4 @ 8" o.c.
		5,760 lbs.	≤ 20'-0"	14'-0"	W18x86	W18x86	48"ø	12'-3"	4 - #6	#4 @ 8" o.c.
		8,070 lbs.	≤ 28'-0"	14'-0"	W18x130	W18x119	48"ø	14'-6"	4 - #8	#4 @ 8"o.c.
		8,070 lbs.	≤ 28'-0"	14'-0"	W18x143	W18x143	48"ø	16'-0"	4 - #8	#4 @ 6"o.c.
28'-0"		2,690 lbs.	≤ 8'-0"	14'-0"	W14x43	W14x43	42"ø	10'-0"	4 - #5	#4 @ 6"o.c.
		4,040 lbs.	≤ 12'-0"	14'-0"	W14x61	W14x61	48"ø	11'-3"	4 - #6	#4 @ 6"o.c.
		5,380 lbs.	≤ 16'-0"	14'-0"	W16x77	W16x67	48"ø	12'-9"	4 - #6	#4 @ 6"o.c.
		6,720 lbs.	≤ 20'-0"	14'-0"	W18x97	W18x97	48"ø	14'-3"	4 - #8	#4 @ 6"o.c.
		8,070 lbs.	≤ 24'-0"	14'-0"	W18x143	W18x143	48"ø	15'-0"	4 - #8	#4 @ 6"o.c.
		9,410 lbs.	≤ 28'-0"	14'-0"	W18x175	W18x175	48"ø	17'-0"	4 - #8	#4 @ 6"o.c.

NOTES: (#)
1. N/R - REINFORCEMENT NOT REQUIRED PER DSA BU 09-06
2. CONTRACTOR OPTION TO PROVIDE TIES OR SPIRAL REINFORCING. SEE C/S82.1 FOR TIE OPTION, SEE D/S82.1 FOR SPIRAL OPTION.
3. CONTRACTOR IS RESPONSIBLE FOR CASING PIERS AND DRILLING SEQUENCING TO PROTECT PIER EXCAVATION



TWO COLUMN SCOREBOARD INSTALLATION
N.T.S.

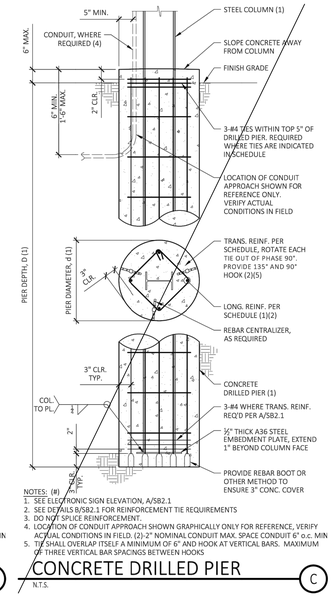
A



NOTES: (#)
1. SEE ELECTRONIC SIGN ELEVATION, A/SB2.1
2. SEE DETAILS B/SB2.1 FOR REINFORCEMENT TIE REQUIREMENTS
3. DO NOT SPLICE REINFORCEMENT.
4. LOCATION OF CONDUIT APPROACH SHOWN GRAPHICALLY ONLY FOR REFERENCE. VERIFY ACTUAL CONDITIONS IN FIELD. (2)-2" NOMINAL CONDUIT MAX. SPACE CONDUIT 6" o.c. MIN
5. TIE SHALL OVERLAP ITSELF A MINIMUM OF 6" AND HOOK AT VERTICAL BARS. MAXIMUM OF THREE VERTICAL BAR SPACINGS BETWEEN HOOKS

CONCRETE DRILLED PIER
N.T.S.

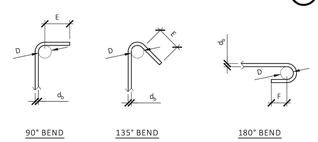
D



NOTES: (#)
1. SEE ELECTRONIC SIGN ELEVATION, A/SB2.1
2. SEE DETAILS B/SB2.1 FOR REINFORCEMENT TIE REQUIREMENTS
3. DO NOT SPLICE REINFORCEMENT.
4. LOCATION OF CONDUIT APPROACH SHOWN GRAPHICALLY ONLY FOR REFERENCE. VERIFY ACTUAL CONDITIONS IN FIELD. (2)-2" NOMINAL CONDUIT MAX. SPACE CONDUIT 6" o.c. MIN
5. TIE SHALL OVERLAP ITSELF A MINIMUM OF 6" AND HOOK AT VERTICAL BARS. MAXIMUM OF THREE VERTICAL BAR SPACINGS BETWEEN HOOKS

CONCRETE DRILLED PIER
N.T.S.

C



Bar Size	Dimension of Standard Bends		
	D	E	F (6d$_b$) [3" min.]
#4	2"ø	3"	3"

TIE AND STIRRUP BENDS
N.T.S.

B

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CODE: 2022

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SSG
structural engineers
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08.09.2023

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CHECKED	MEP
SSG JOB #	S23109
SHEET	SB2.1

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DATE: 07/23/2024

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VENTURA UNIFIED SCHOOL DISTRICT

BUENA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

5670 TELEGRAPH RD, VENTURA, CA 93003

No.	Description	Date

Sheet Name

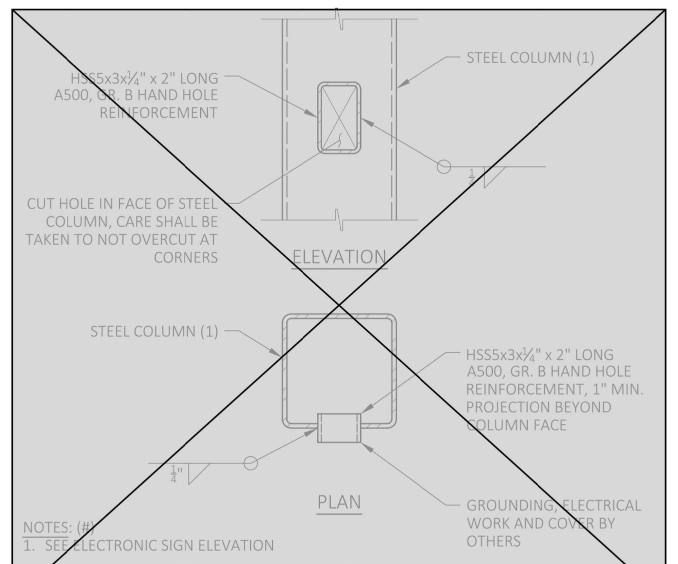
TWO COLUMN CAISSON EMBEDDED

RNT Project No.	21936.00.
Date	05/01/2024
Drawn by	JMK
Checked by	MEP

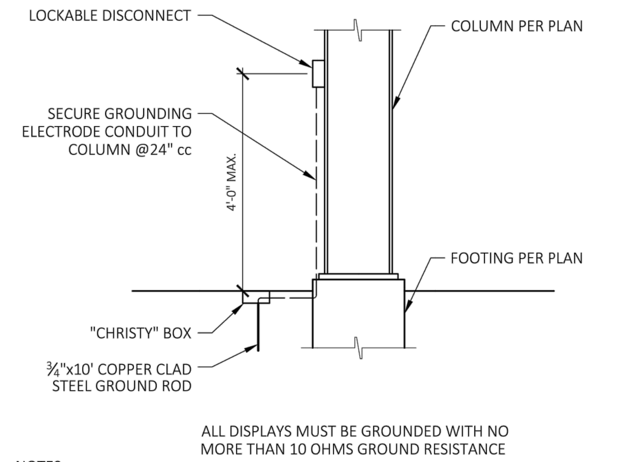
Sheet Number

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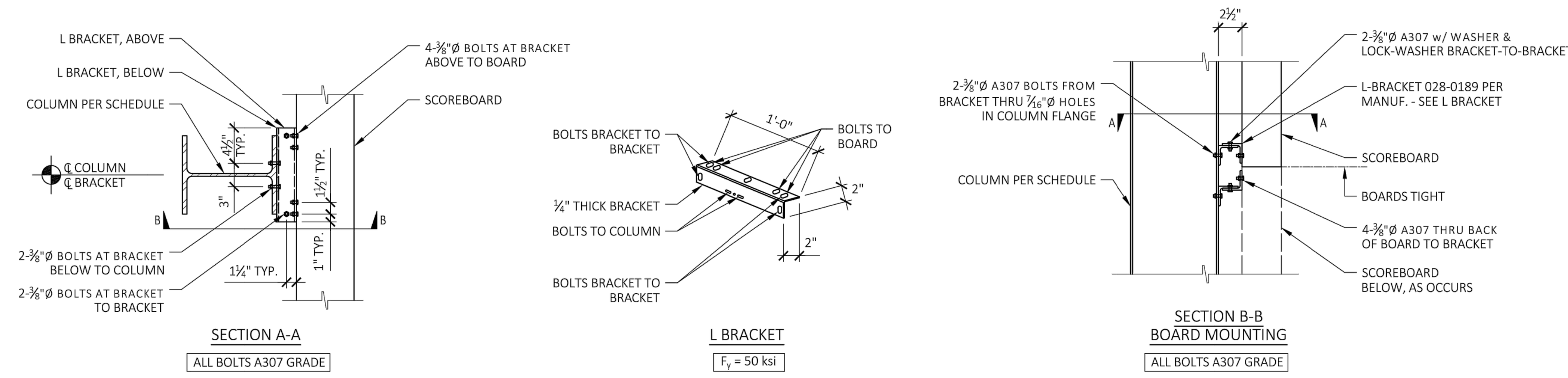
CONDUIT HAND HOLE (H)
N.T.S.



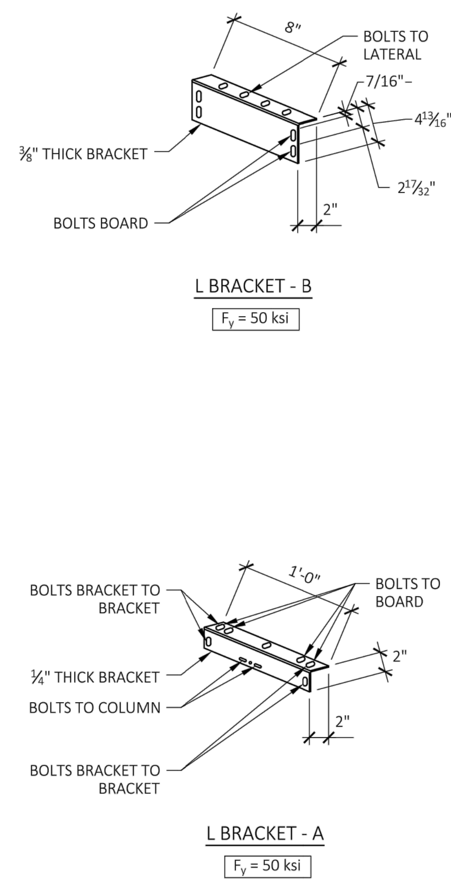
ALL DISPLAYS MUST BE GROUNDED WITH NO MORE THAN 10 OHMS GROUND RESISTANCE

NOTES:
1. ALTERNATE: IT IS PERMISSIBLE TO UTILIZE THE UFER GROUNDING METHOD. DETAILS FOR UFER GROUNDING SHALL BE INCLUDED AS PART OF THE SITE SPECIFIC SUBMITTAL.

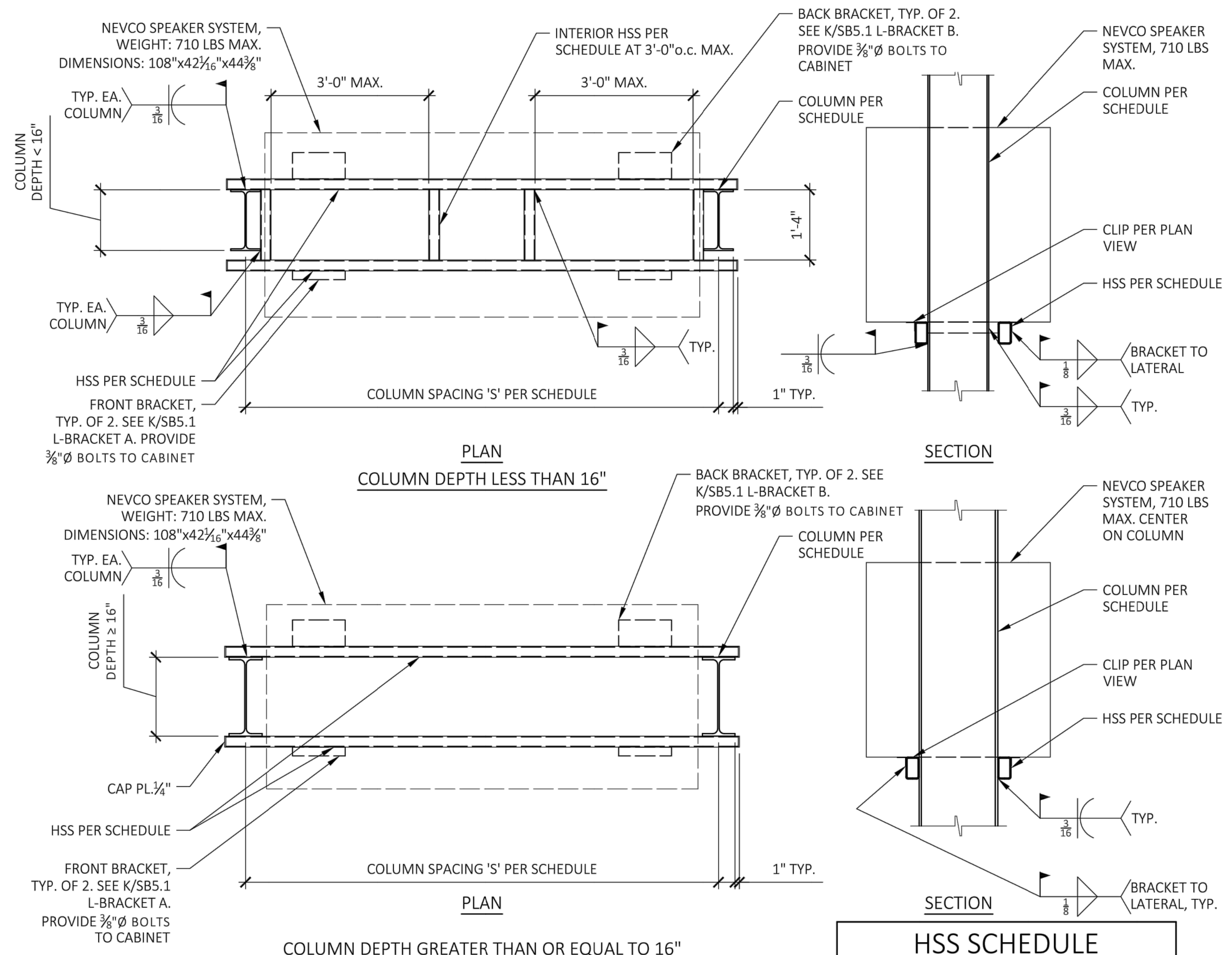
GROUNDING DETAIL (B)
N.T.S.



SCOREBOARD PART ATTACHMENTS (A)
N.T.S.

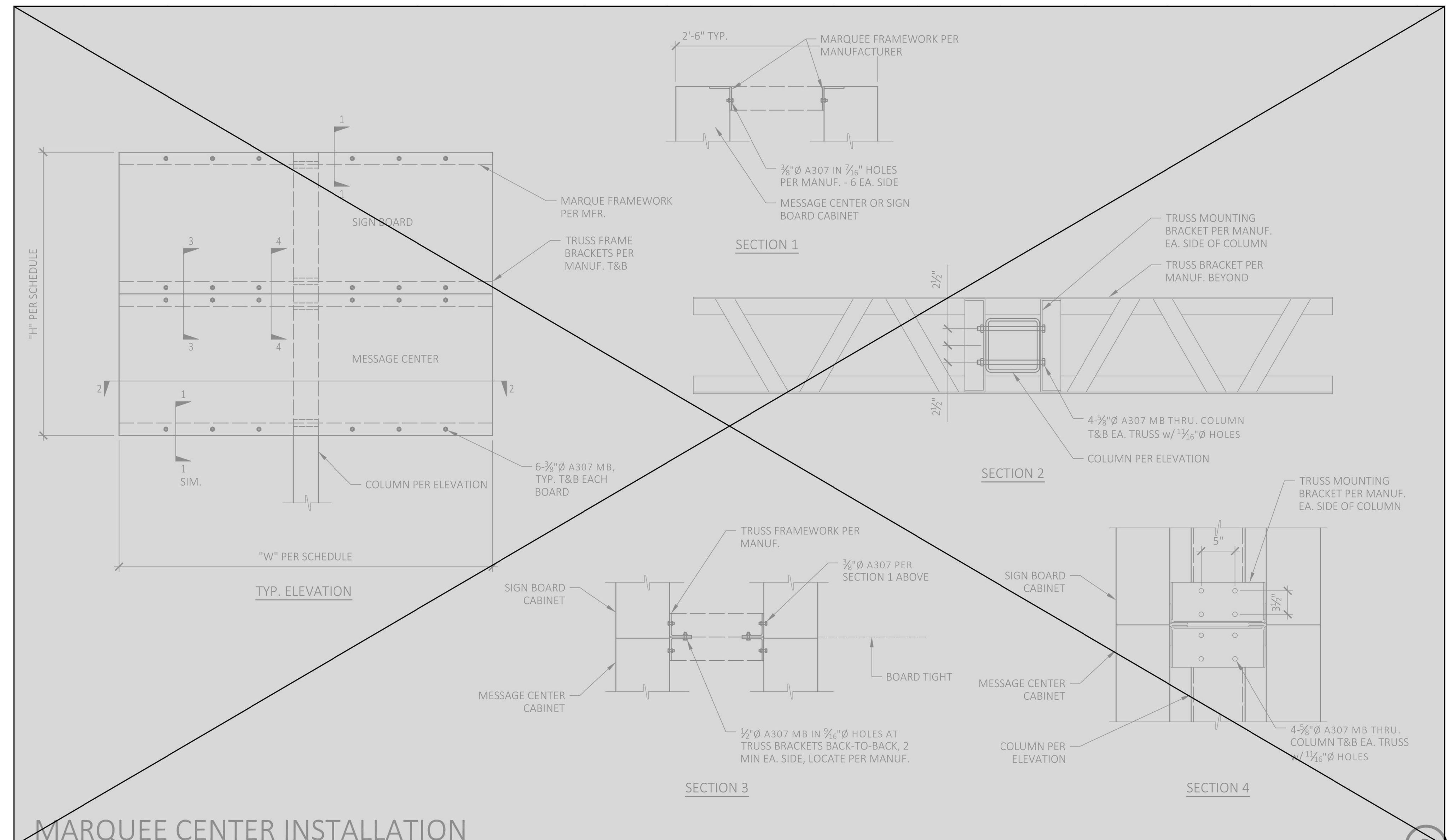


L BRACKETS (K)
N.T.S.

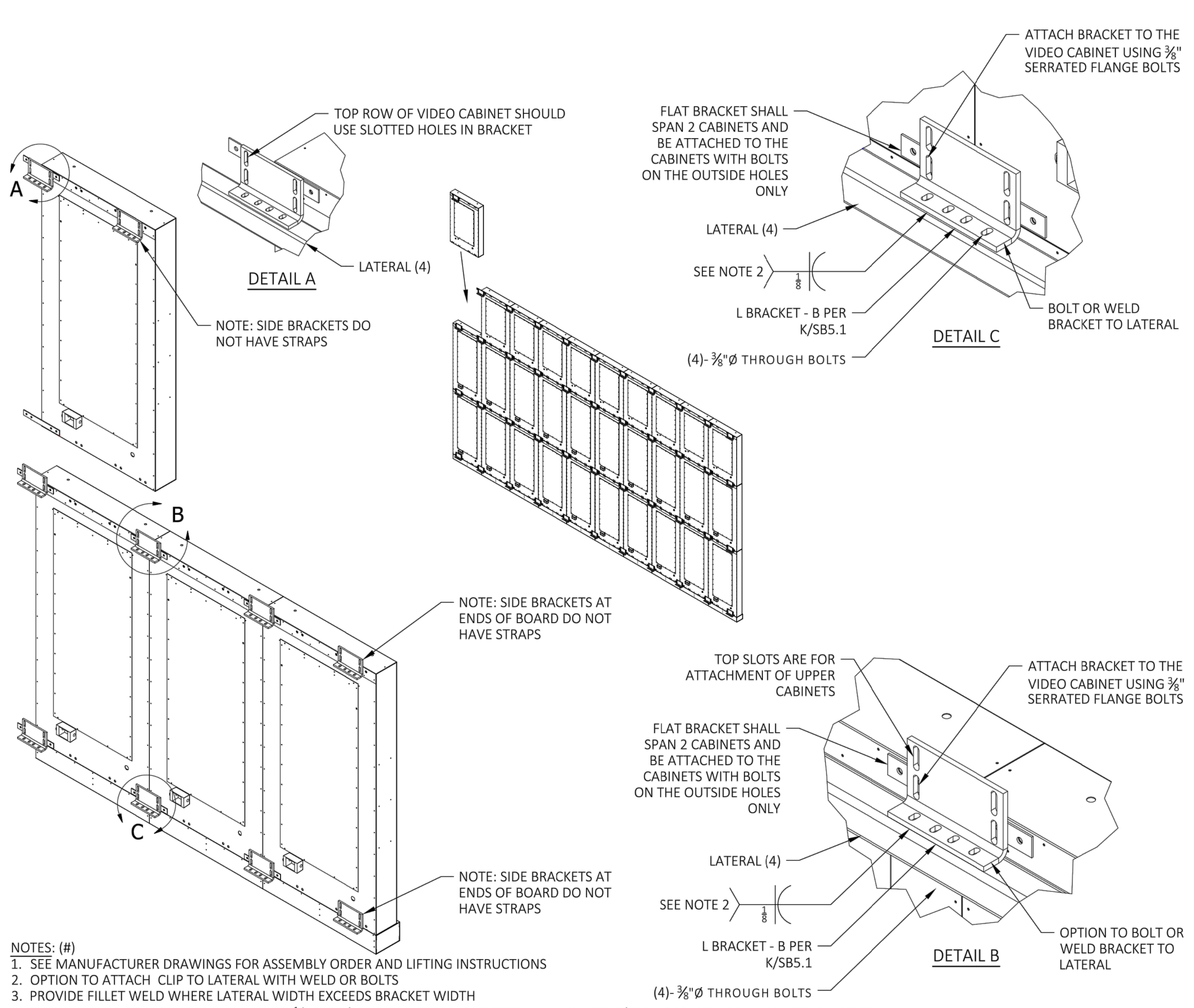


HSS SCHEDULE	
COLUMN SPACING, S	HSS SIZE
10'-0"	HSS4x3x5⁄16 LLV
12'-0"	HSS4x3x5⁄16 LLV
14'-0"	HSS4x3x⅜ LLV

SPEAKER ATTACHMENT (F)
N.T.S.

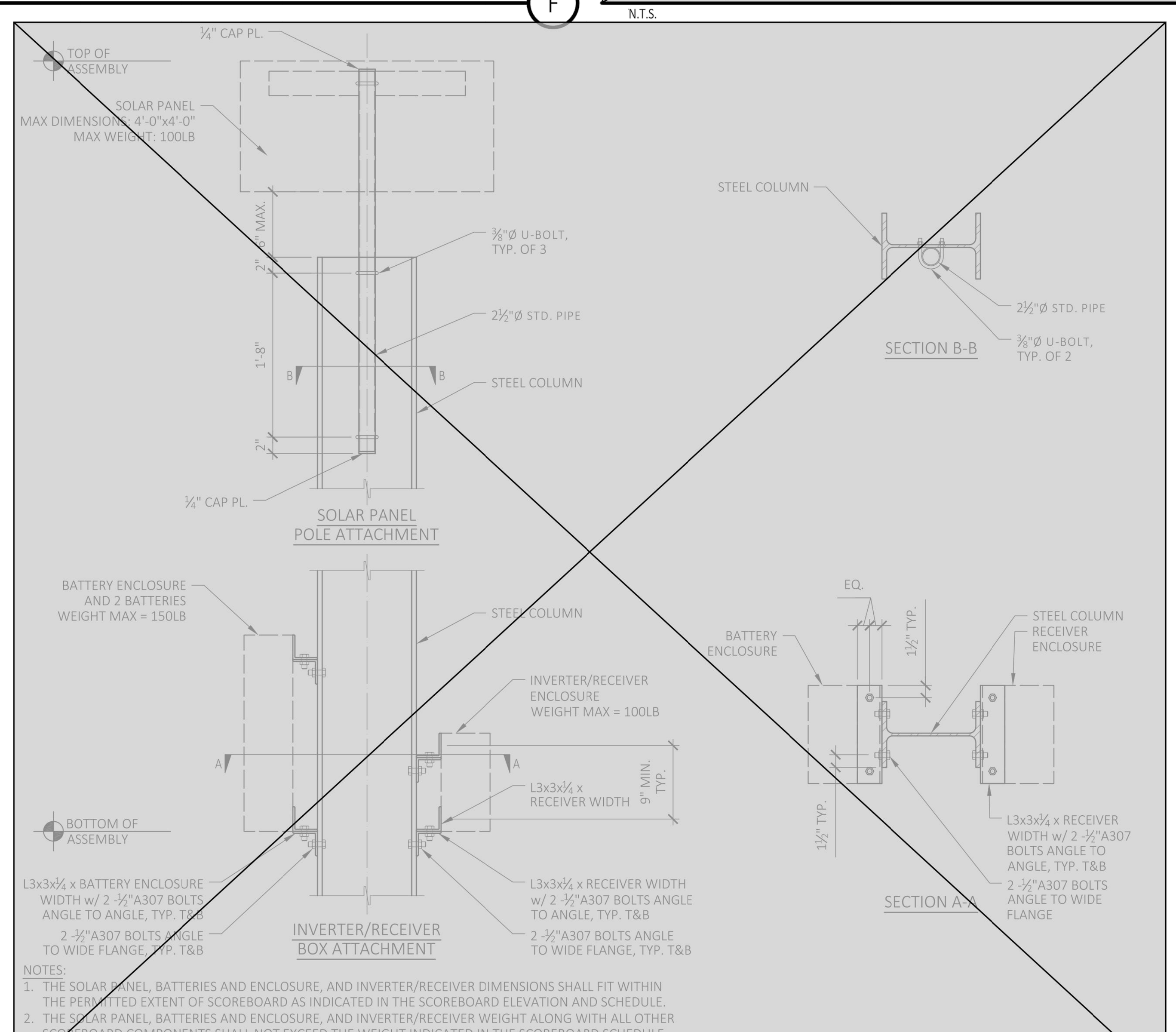


MARQUEE CENTER INSTALLATION (D)
N.T.S.



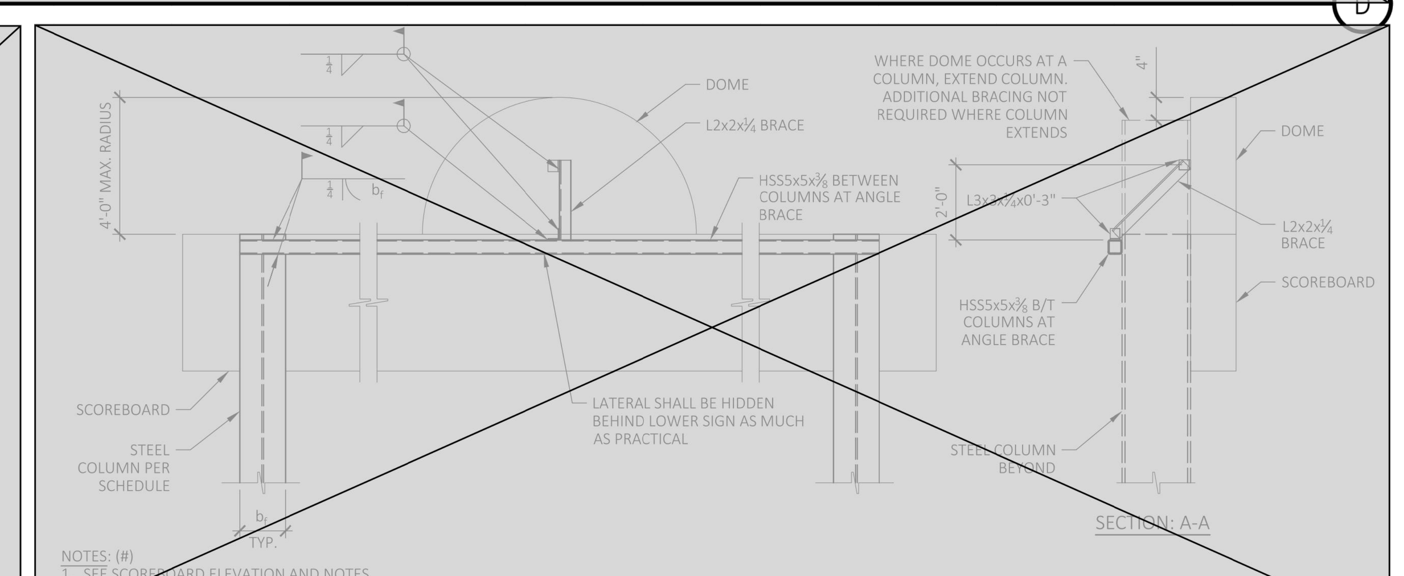
NOTES: (#)
1. SEE MANUFACTURER DRAWINGS FOR ASSEMBLY ORDER AND LIFTING INSTRUCTIONS
2. OPTION TO ATTACH CLIP TO LATERAL WITH WELD OR BOLTS
3. PROVIDE FILLET WELD WHERE LATERAL WIDTH EXCEEDS BRACKET WIDTH
4. TYPICAL VIDEO BOARD LATERAL IS HSS3X3X¼, SEE K/SB5.2 FOR ATTACHMENT TO COLUMN. SEE B/SB6.1 FOR INDOOR WALL ATTACHMENT.
5. MAX TRIBUTARY AREA TO L-BRACKET SHALL NOT EXCEED 20 S.F.

VIDEO BOARD BRACKET ATTACHMENT (J)
N.T.S.



NOTES:
1. THE SOLAR PANEL, BATTERIES AND ENCLOSURE, AND INVERTER/RECEIVER DIMENSIONS SHALL FIT WITHIN THE PERMITTED EXTENT OF SCOREBOARD AS INDICATED IN THE SCOREBOARD ELEVATION AND SCHEDULE.
2. THE SOLAR PANEL, BATTERIES AND ENCLOSURE, AND INVERTER/RECEIVER WEIGHT ALONG WITH ALL OTHER SCOREBOARD COMPONENTS SHALL NOT EXCEED THE WEIGHT INDICATED IN THE SCOREBOARD SCHEDULE.

SOLAR PANEL/BATTERY/ INVERTER/RECEIVER ATTACHMENT (G)
N.T.S.



NOTES: (#)
1. SEE SCOREBOARD ELEVATION AND NOTES

DOME BRACING (E)
N.T.S.

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DATE SIGNED: 08.09.2023

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ATTACHMENT DETAILS

SHEET INFORMATION

DATE	08.09.2023
DRAWN	JMK
CHECKED	MEP
SSG JOB #	S23109
SHEET	SB5.1

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8405 N. Fresno Street, Suite 120 Fresno, CA 93720

REGISTERED PROFESSIONAL ENGINEER MICHAEL E. PAROLINI No. 5405 STRUCTURAL STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST,
VENTURA, CA 93001

No.	Description	Date

Sheet Name

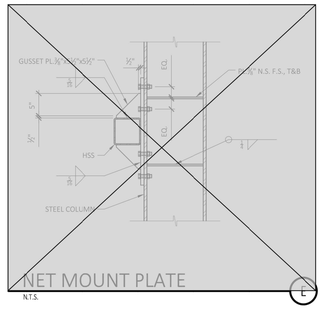
ATTACHMENT DETAILS

RNT Project No.	21936.00.
Date	05/01/2024
Drawn by	JMK
Checked by	MEP

Sheet Number

SB5.1

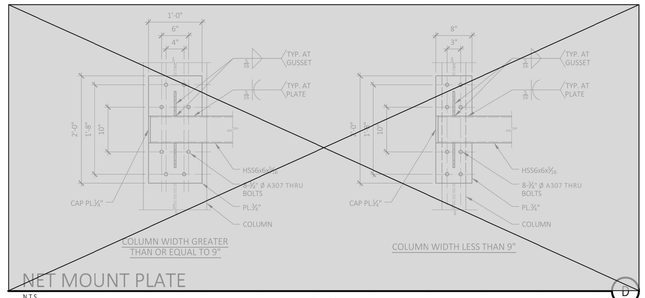
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NET MOUNT PLATE

N.T.S.

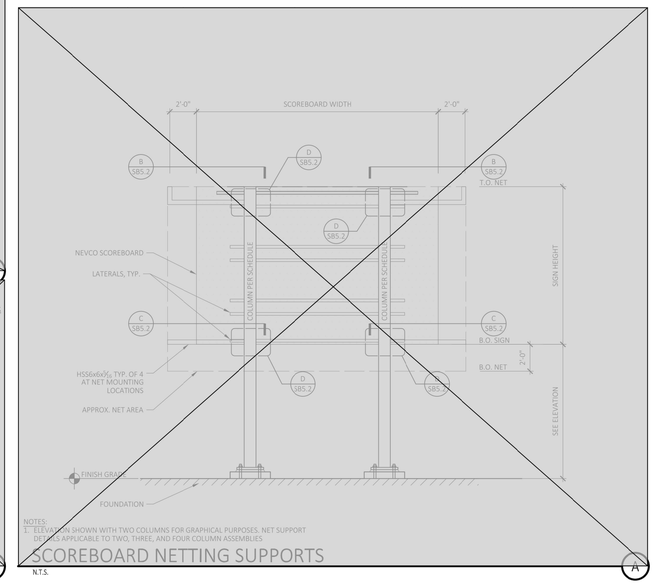
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NET MOUNT PLATE

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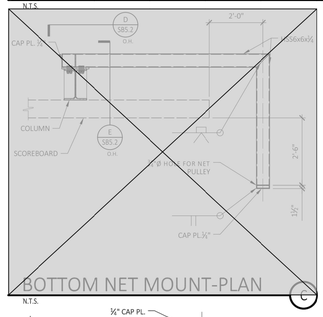
D



SCOREBOARD NETTING SUPPORTS

N.T.S.

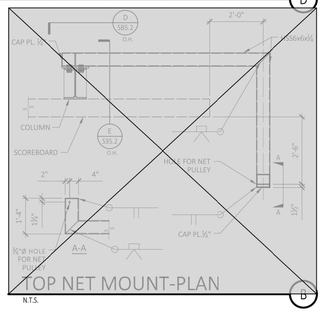
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BOTTOM NET MOUNT-PLAN

N.T.S.

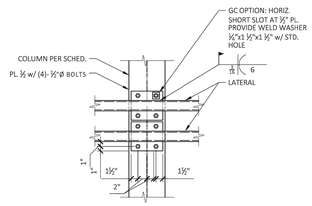
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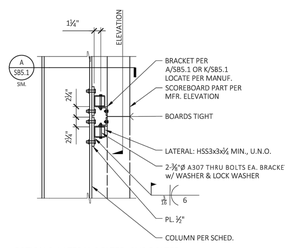
TOP NET MOUNT-PLAN

N.T.S.

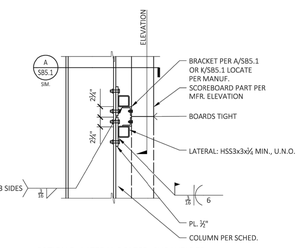
B



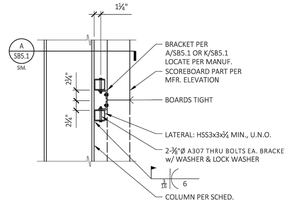
ELEVATION: OPTION C&D-BOLTED LATERAL



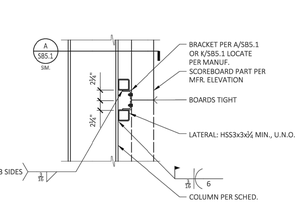
OPTION C: LATERAL BOLTED/CLIP BOLTED



OPTION D: LATERAL BOLTED/CLIP WELDED



OPTION A: LATERAL WELDED/CLIP BOLTED

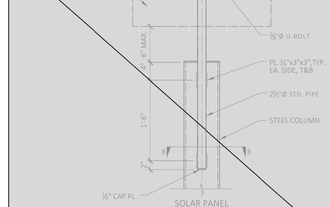


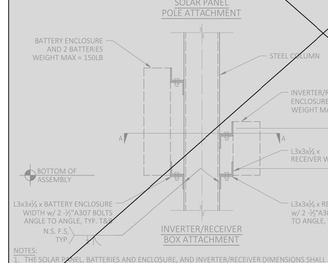
OPTION B: LATERAL WELDED/CLIP WELDED

LATERAL/BOARD ATTACHMENT

N.T.S.

K

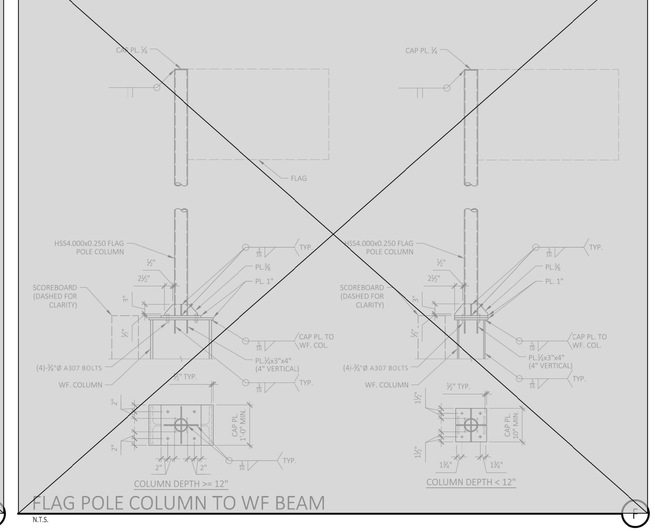




SOLAR PANEL/BATTERY/ INVERTER/RECEIVER ATTACHMENT

N.T.S.

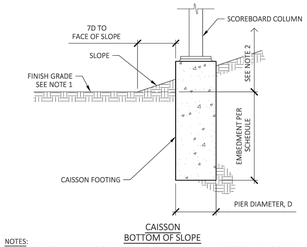
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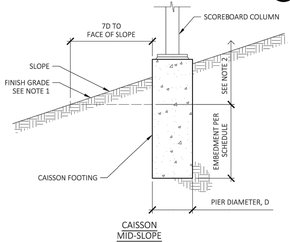
FLAG POLE COLUMN TO WF BEAM

N.T.S.

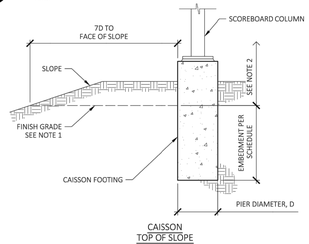
I



CAISSON BOTTOM OF SLOPE



CAISSON MID-SLOPE



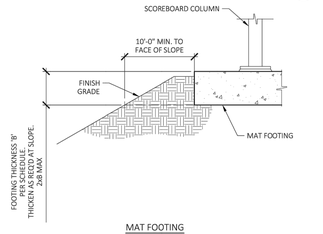
CAISSON TOP OF SLOPE

NOTES:
1. REFERENCE FINISH GRADE FOR DETERMINATION OF MAXIMUM SCOREBOARD HEIGHT.
2. SEE TYPICAL SCOREBOARD INSTALLATION DETAIL FOR MAXIMUM ASSEMBLY HEIGHT AND CLEARANCE TO BOTTOM OF SCOREBOARD.

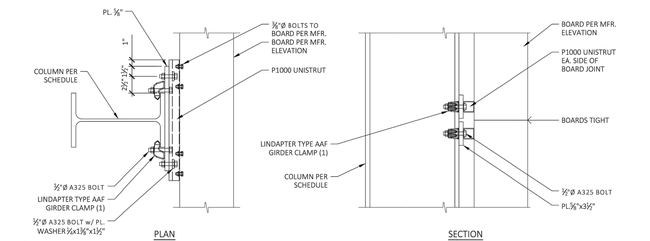
DISTANCE TO SLOPE

N.T.S.

J



MAT FOOTING



NOTES: (#)
1. CAM050 CLAMP WITH ROCKING WASHER - INSTALL PER ICC ESR-3976

ALTERNATE BOARD ATTACHMENT

N.T.S.

G

S:\2023\23109\03 PRODUCTION\23 DRAWINGS\S23109 - DET - SB5.2.dwg

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REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 07/23/2024

SSG
structural engineers

REGISTERED PROFESSIONAL ENGINEER RICHARD E. PARDINI No. S405 STRUCTURAL STATE OF CALIFORNIA

PC SEOR SEAL

DATE SIGNED: 08.09.2023

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nevco
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DATE: 09/20/2023

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PRE-CHECK (PC) DOCUMENT
CODE: 2022

A separate project application for construction is required.

OPTIONAL SCOREBOARD FEATURE ATTACHMENT DETAILS

SHEET INFORMATION

DATE	08.09.2023
DRAWN	JMK
CHECKED	MEP
SSG JOB #	S23109
SHEET	SB5.2

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REGISTERED PROFESSIONAL ENGINEER RICHARD E. PARDINI No. S405 STRUCTURAL STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST, VENTURA, CA 93001

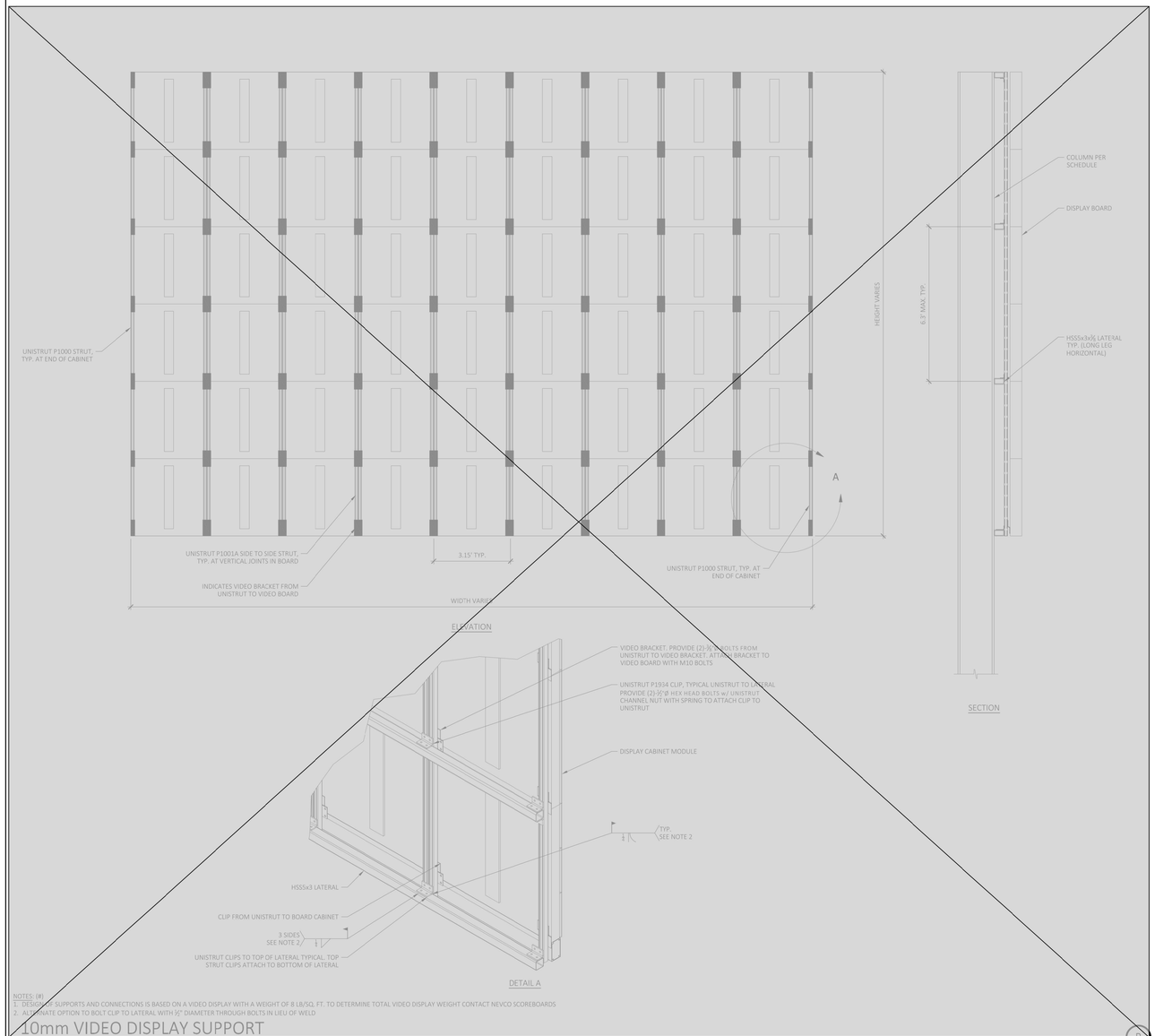
No.	Description	Date

Sheet Name
SCOREBOARD FEATURE ATTACHMENT DETAILS

RNT Project No.	21936.00.
Date	05/01/2024
Drawn by	JMK
Checked by	MEP

Sheet Number
SB5.2

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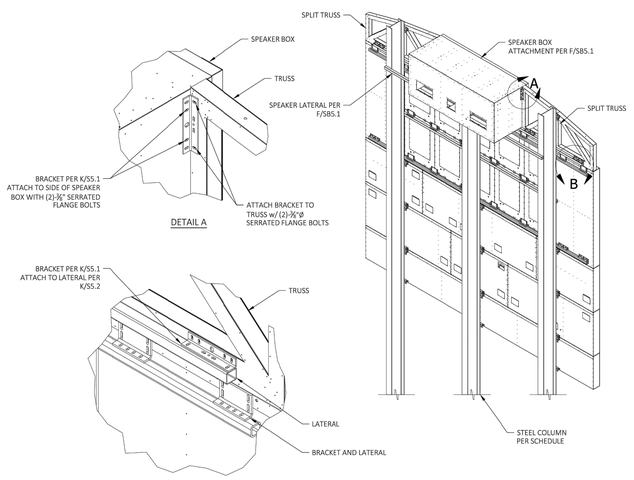


NOTES: (#)
1. DESIGN OF SUPPORTS AND CONNECTIONS IS BASED ON A VIDEO DISPLAY WITH A WEIGHT OF 8 LB/SQ. FT. TO DETERMINE TOTAL VIDEO DISPLAY WEIGHT CONTACT NEVCO SCOREBOARDS
2. ALTERNATE OPTION TO BOLT CLIP TO LATERAL WITH ½" DIAMETER THROUGH BOLTS IN LIEU OF WELD

10mm VIDEO DISPLAY SUPPORT

N.T.S.

D



NOTES:
1. DETAIL IS APPLICABLE TO 3 COLUMN AND 4 COLUMN ASSEMBLIES

SPLIT DECORATIVE TRUSS FLANKING SPEAKER BOX

N.T.S.

A

structural engineers

REGISTERED PROFESSIONAL ENGINEER MICHAEL E. PARONICH No. 5405 STRUCTURAL STATE OF CALIFORNIA

PC SEOR SEAL

DATE ISSUED: 08.09.2023

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DATE: 09/20/2023

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ALUMINUM TRUSS ATTACHMENT DETAILS & 10mm VIDEO DISPLAY SUPPORT

SHEET INFORMATION

DATE	08.09.2023
DRAWN	JMK
CHECKED	MEP
SSG JOB #	S23109
SHEET	SB5.4

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ROESLING NAKAMURA TERADA ARCHITECTS

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REGISTERED PROFESSIONAL ENGINEER MICHAEL E. PARONICH No. 5405 STRUCTURAL STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST,
VENTURA, CA 93001

No.	Description	Date

Sheet Name

ALUMINUM TRUSS ATTACHMENT DETAILS

RNT Project No.	21936.00.
Date	05/01/2024
Drawn by	JMK
Checked by	MEP

Sheet Number

SB5.4

BIM 360://1016 - VUSD Scoreboard Replacement/Ventura High School Stadium Scoreboard Replacement.rvt
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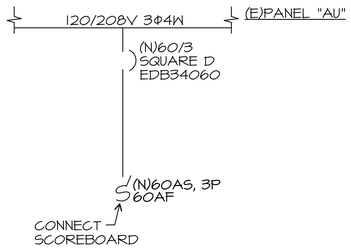
GENERAL NOTES

1. VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
2. THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2022 CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES. WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
3. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
4. ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OF APPROVAL.
5. CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
6. GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
7. ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GREEN GROUND WIRE.
8. THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
9. ALL CONDUCTORS SHALL BE IN CONDUIT.
10. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION.

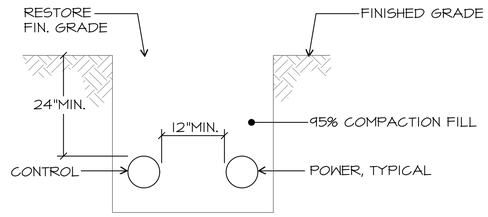
SYMBOLS

	CONDUIT EXISTING
	CONDUIT CONCEALED IN WALL OR CEILING
	CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
	CONDUIT STUBBED OUT AND CAPPED
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
	HATCH MARKS INDICATE NO. OF #12 WIRES IN CODE SIZED CONDUIT IN 3/4" C., (3) MAX IN 1"C., NO MARKS = 2 #12.
A-3	HOME RUN: LETTER INDICATES PANEL, NUMBER(S) INDICATES CIRCUIT(S).
	SAWCUT
	GROUND CONNECTION
	DISTRIBUTION SWITCHBOARD OR PANEL
	PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH
	SIGNAL TERMINAL CABINET, SURFACE & FLUSH
	FLUORESCENT FIXTURE
2	OUTLET DATA: BAR INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO. INDICATES CIRCUIT.
	SURFACE FIXTURE ON FLUSH OUTLET.
	RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
	EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT.
	EXTERIOR WALL MOUNT FIXTURE.
	LOW LEVEL EXIT SIGN, +6" AFF, +4" FROM DOOR JAMB
A / 100	LIGHT FIXTURE DESIGNATION, LETTER INDICATES TYPE, NO. INDICATES WATTAGE. SEE FIXTURE SCHEDULE.
FC / 1	MECHANICAL EQUIPMENT DESIGNATION. SEE MECHANICAL DRAWINGS.
	SPECIAL RECEPTACLE - SEE PLAN
M	METER
	FLUSH FLOOR RECEPTACLE
	RECEPTACLE, DUPLEX, 15A, 125V, NEMA 5-15R +18" U.N.O.
	DUPLEX RECEPTACLE MTD. ABOVE BACKSPLASH+42" U.N.O.
	DUPLEX RECEPTACLE W/LOWER HALF SWITCHED +18" U.N.O.
GFI	GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE 18" U.N.O.
	DOUBLE DUPLEX RECEPTACLE +18" U.N.O.
	CEILING RECEPTACLE
	RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R +18" U.N.O.
	RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R MTD. ABOVE BACKSPLASH+42" U.N.O.
J	JUNCTION BOX 4" SQUARE, 1-1/2" DEEP U.N.O.
T	THERMOSTAT F.B.O. +48"
M / 2	MOTOR, NO. INDICATES HORSEPOWER
C	CLOCK OUTLET +7'-6" U.N.O.
	DISCONNECT SWITCH, NON-FUSED
F	DISCONNECT SWITCH FUSED HORSEPOWER RATED OR SIZED AS NOTED
	COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH AND FUSES
	MAGNETIC MOTOR STARTER W/OVERLOADS IN EACH PHASE
D	DIMMER W/INTEGRAL "ON-OFF" SW. +48" U.N.O.
	PUSHBUTTON +48" U.N.O.
PC	PHOTOCELL
SD	SMOKE DETECTOR
AP	WIRELESS ACCESS POINT
	TELEPHONE/COMPUTER/DATA OUTLET, TWO GANG BOX W/1 GANG COVERPLATE & GROMMETED OPENING +18" U.N.O.
TV	CABLE TV OUTLET +18" U.N.O.
M	MOTION SENSOR
AP	ACCESS POINT WIRELESS
	CAMERA
$	EXISTING SWITCH
S	SINGLE POLE SWITCH (QUIET TOGGLE TYPE RATED AT 20A 120/277V AC. +42" U.N.O.)
^{2}	DOUBLE POLE SWITCH
^{3}	THREE WAY SWITCH
^{P}	SWITCH W/PILOT LT.
^{M}	MANUAL MOTOR STARTER
FACP	FIRE ALARM CONTROL PANEL
GFI	GROUND FAULT CIRCUIT INTERRUPTING
LST	LABOR SAVING TANDEM
MLO	MAIN LUGS ONLY
w/	WITH
C.O.	CONDUIT ONLY
W.P.	WEATHERPROOF
F.B.O.	FURNISHED BY OTHERS, INSTALL & CONNECT
U.N.O.	UNLESS NOTED OTHERWISE
N.E.C.	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
(E)	EXISTING
(N)	NEW
(R)	REMOVE
(RL)	RELOCATE
S/M	SURFACE MAUNT
U/G	UNDERGROUND
CWP	COLD WATER PIPE
AFF	ABOVE FINISHED FLOOR
HACR	HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
N.L.	NIGHT LIGHT

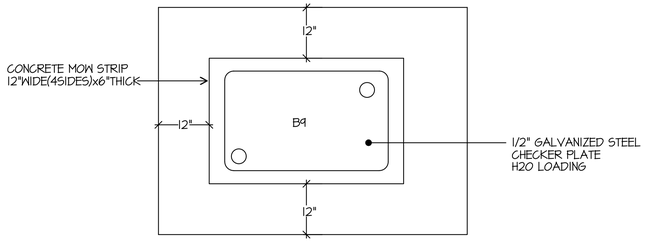
NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT.



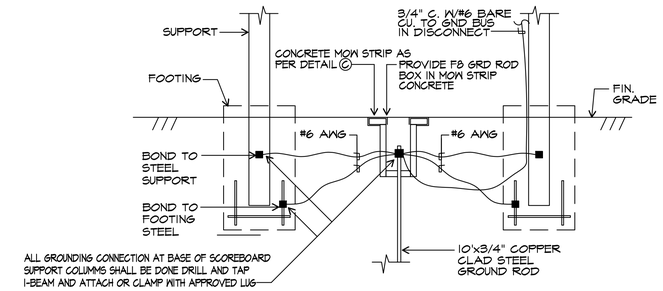
SINGLE LINE DIAGRAM (F)
SCALE: NONE



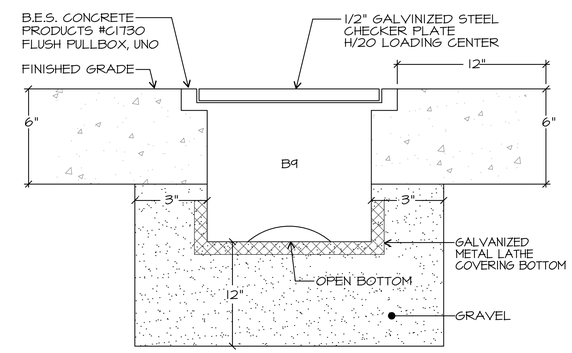
TRENCH DETAIL (E)
SCALE: NONE



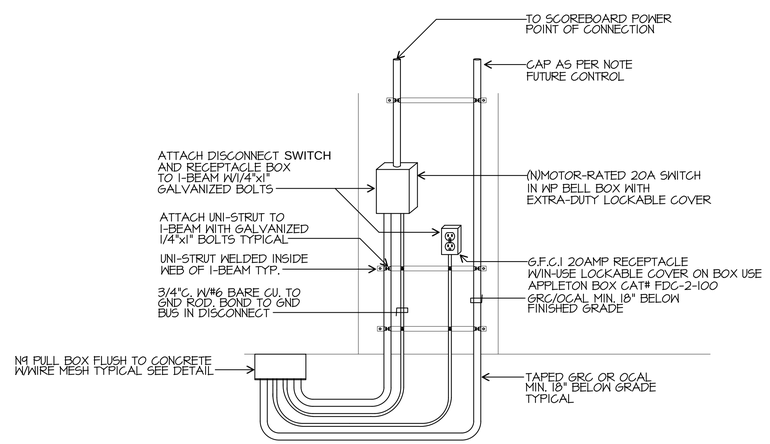
PULL BOX WITH STRIP DETAIL (D)
SCALE: NONE



SCOREBOARD BONDING ELEVATION (C)



FLUSH PULLBOX DETAIL (B)
SCALE: NONE



CONDUIT MOUNTING AND PULL BOX AF SCOREBOARD SUPPORT COLUMNS DETAIL (A)
SCALE: NONE

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APP: 03-124491 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐
DATE: 07/23/2024

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VENTURA UNIFIED SCHOOL DISTRICT

VENTURA HIGH SCHOOL STADIUM SCOREBOARD REPLACEMENT

2 N CATALINA ST,
VENTURA, CA 93001

No.	Description	Date

JMPE
ELECTRICAL ENGINEERING
LIGHTING DESIGN
CA REGISTRATION NO E13083
627 OLIVE STREET
SANTA BARBARA CA 93101
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REGISTERED PROFESSIONAL ENGINEER
JAMES C. MALONEY
No. E13083
EXP. 06/30/2024
ELECTRICAL
STATE OF CALIFORNIA

Sheet Name

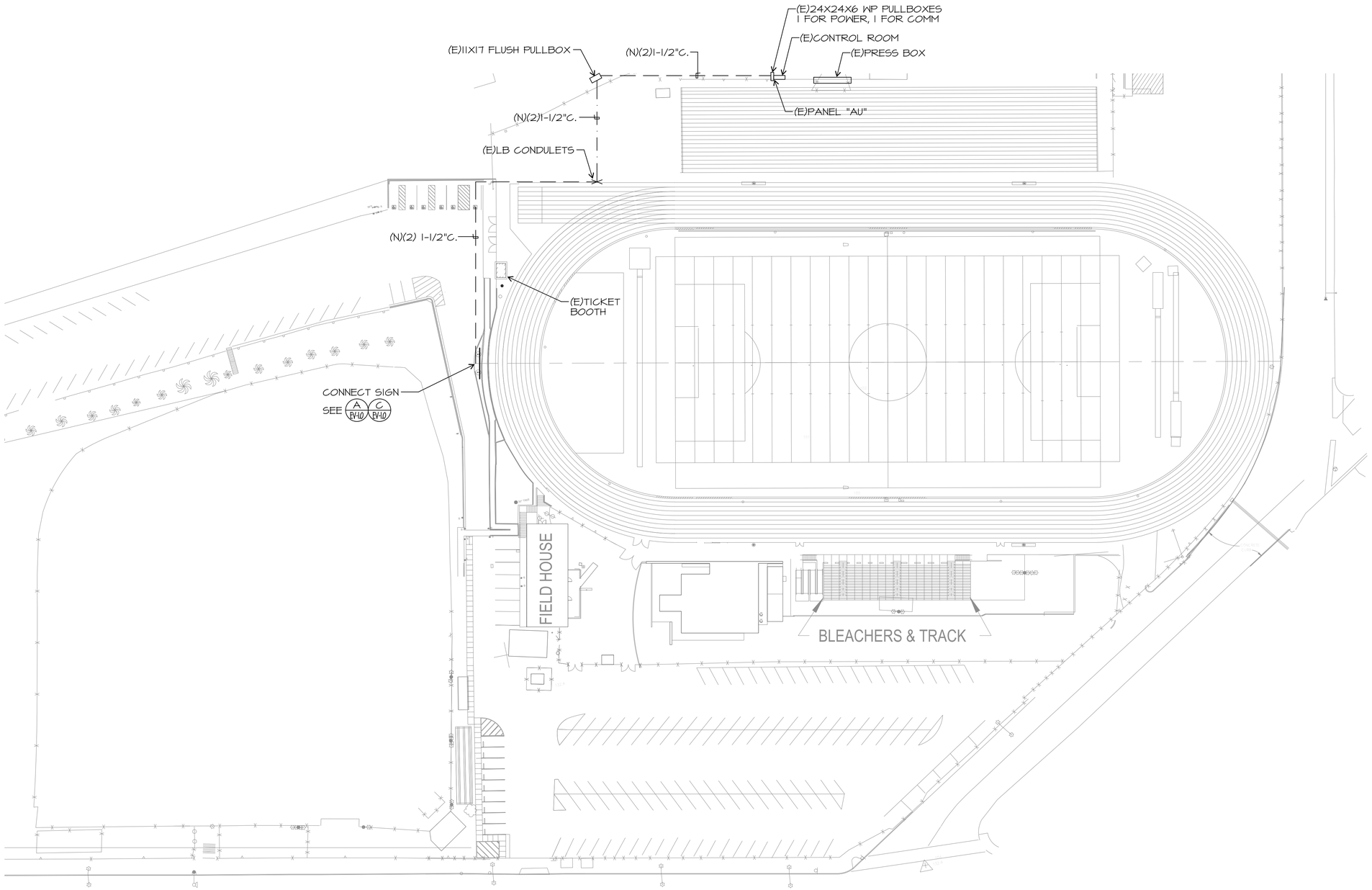
ELECTRICAL NOTES & DETAILS

RNT Project No.	21936.00.
Date	01/31/2024
Drawn by	CLD
Checked by	CS

Sheet Number

EV-1.0

BIM 360://1016 - VUSD Scoreboard Replacement/Ventura High School Stadium Scoreboard Replacement.rvt
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ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0" 0 10 20 40 80

NORTH

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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STATE OF CALIFORNIA

Sheet Name

ELECTRICAL SITE PLAN

RNT Project No.	21936.00.
Date	01/31/2024
Drawn by	CLD
Checked by	CS

Sheet Number

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