THE LINE SHOWN ABOVE IS 1" LONG ON ORIGINAL PLANS SHEETS ORIGINAL PAGE SIZE

TRACY UNIFIED SCHOOL DISTRICT

TRACY HS FOOTBALL FIELD SCOREBOARD REPLACEMENT

315 E 11TH ST,
TRACY, CA 95376

SHEET INDEX

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Grand total: 6	

PROJECT DATA

GENERAL DESCRIPTION OF WORK

REPLACING EXISTING SCOREBOARD ON FOOTBALL FIELD

EXEMPTIONS

NONE

GENERAL NOTES

1. CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.
2. THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
3. PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS NECESSARY TO DELIVER THE INDICATED RESULTS OF THE DESIGN INTENT.
4. VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
5. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.
6. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
7. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
8. DETAILS MARKED "TYPICAL' SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
9. ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED. REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.
10. PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
11. CONTRACTOR SHALL EXCERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD ANY UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
12. CHANGES TO THE APPROVED DRAWINGS AND/OR SPECIFICATIONS SHALL BE MADE BY ADDENDA OR A CHANGE ORDER.
13. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
14. ALL WORK SHALL CONFORM TO 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATION (CCR)
15. THE LIMIT OF WORK LINE SHOWS THESE DRAWINGS IS AN APPROXIMATE LIMIT OF WORK ONLY. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL WORK, INCLUDING BUT NOT LIMITED TO INSTALLATION OF CONDUIT, MANHOLES, PULLBOXES, ETC WHICH ARE TO BE PART OF THIS WORK, ALTHOUGH OCCURING OUTSIDE OF SHOWN LIMIT OF WORK LINES.
16. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
17. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 CCR.
18. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. INSPECTOR TO BE CLASS 2 MINIMUM.
19. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. THE REPORTS SHALL BE SUBMITTED TO ARCHITECT OF RECORD, STRUCTURAL ENGINEER OF RECORD, OWNER, INSPECTOR OR RECORD, AND THE DSA FIELD ENGINEER. THE REPORTS OF ANY FAILURES OF TESTS AND INSPECTIONS ARE TO BE SUBMITTED TO DSA DISTRICT STRUCTURAL ENGINEER.
20. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
21. SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CFC CHAPTER 33 AND CBC CHAPTER 33.
22. 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 DSA APPROVED 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)
23. CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH IN BOTH THE ENVIRONMENTAL IMPACT REPORT (ADDENDUM TO THE ENVIRONMENTAL IMPACT REPORT | SCH NO. 2002071120) INCLUDING ATTACHED BIOLOGICAL RESOURCES TECHNICAL REPORT.
24. NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA.

CODES

PARTIAL LIST OF APPLICABLE CODES

2022	CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2022	CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2021 INTERNATIONAL BUILDING CODE VOLUMES 1 & 2 AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2021 UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2022	CALIFORNIA HISTORICAL BUILDING CODE (CHBC), PART 8, TITLE 24 C.C.R.
2022	CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R. (2021 INTERNATIONAL EXISTING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
2022	CALIFORNIA REFERENCED STANDARDS, PART 12,TITLE 24 C.C.R.
TITLE 19	C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2019	ASME A17.1/B44-19 SAFETY CODE FOR ELEVATORS AND ESCALATORS
2020	ASME 18.1 - SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIR LIFTS

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	STANDARD FOR AUTOMATIC FIRE SPRINKLER SYSTEMS (CA AMENDED)	2022 ED.
NFPA 14	STANDARD FOR STANDPIPE AND HOSE SYSTEMS (CA AMENDED)	2019 ED.
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2021 ED.
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2021 ED.
NFPA 20	STANDARD FOR STATIONARY PUMPS FOR FIRE PROTECTION	2019 ED.
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2018 ED.
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE MAINS AND THEIR APPURTENANCES (CA AMENDED)	2019 ED.
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)	2022 ED.
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2019 ED.
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)	2018 ED.
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2014)
UL 464	AUDIBLE SIGNAL APPLIANCES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 ED.
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 ED. (R2005)
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 ED. (R2018)
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPING SEATING AND GRANDSTANDS	2017 ED.

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

SYMBOL LEGEND

NORTH ARROW
TICK INDICATES PLAN NORTH
ARROW INDICATES TRUE NORTH

ELEVATION CALLOUT (TYPICAL FOR EXTERIOR)
LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT (TYPICAL FOR INTERIOR)
LOCATION ON SHEET
SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT - ALT. (FOR EXTERIOR AND INTERIOR)
LOCATION & SHEET WHERE ELEVATION IS DRAWN

SECTION CALLOUT
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN

DETAIL CALLOUT
INDICATES A SIMILAR CONDITION
LOCATION ON SHEET
SHEET WHERE SECTION IS DRAWN

CONTROL OR DATUM POINT
NAME OF ELEVATION (IF APPLICABLE)
ELEVATION ABOVE FINISHED FLOOR

GRID BUBBLE
EXISTING BUILDING GRID SYMBOL
GRID NUMBER
NEW BUILDING GRID SYMBOL

DOOR CALLOUT
DOOR NUMBER

INTERIOR FINISH CALLOUT
MATERIAL FINISH TYPE
(SEE FINISH SCHEDULE)

WINDOW CALLOUT
WINDOW NUMBER
(SEE WINDOW SCHEDULE)

WALL TYPE CALLOUT
WALL TYPE MARK - SEE A10.11
WALL STC RATING
WALL FIRE RATING TYPE

MATCHLINE REFERENCE
LOCATION ON SHEET
SHEET WHERE PLAN IS DRAWN

KEYNOTE
KEYNOTE NUMBER (SEE LEGEND ON SHEET)

ROOM EXITING INFORMATION
AREA (SQ FT)
OCCUPANT LOAD (AREA DIVIDED BY LOAD FACTOR)
OCCUPANT LOAD FACTOR (REFER TO TABLE 1004.5)
OCCUPANCY TYPE
NUMBER OF EXITS REQUIRED (REFER TO TABLE 1006.2.1)

WIC CASEWORK TAG
MANUFACTURER REFERENCE AND MODEL NUMBER
LOCK
CABINET DEPTH
CABINET HEIGHT
CABINET WIDTH

SHEET NUMBER SYSTEM

DISCIPLINE		SHEET TYPE		BUILDING LETTER, SEGMENT, (USER DEFINED)
G	GENERAL	0	CODE ANALYSIS, NOTES	USED ONLY IF REQUIRED IF NOT COLUMN IS OMITTED
C	CIVIL	1	SITE PLAN	
L	LANDSCAPE	2	FLOOR PLAN	
A	ARCHITECTURE	3	CEILING PLAN	
I	INTERIORS	4	ROOF PLAN	
Q	EQUIPMENT	5	EXTERIOR ELEVATIONS	
S	STRUCTURAL	6	SECTIONS	
P	PLUMBING	7	ENLARGED PLANS	
M	MECHANICAL	8	INTERIOR ELEVATIONS	
E	ELECTRICAL	9	SCHEDULES	
FA	FIRE ALARM	10	DETAILS	
T	TELECOM			
AV	AV EQUIPMENT			
K	KITCHEN			
FP	FIRE PROTECTION			

SERIES ORDER
SHEET TYPE
DISCIPLINE
SEGMENT (IF APPLICABLE)
A A 1.1 1 A.A
BUILDING LETTER (IF APPLICABLE)
USER DEFINED (IF APPLICABLE)
FLOOR LEVEL OR SEQUENTIAL ORDER

ABBREVIATIONS

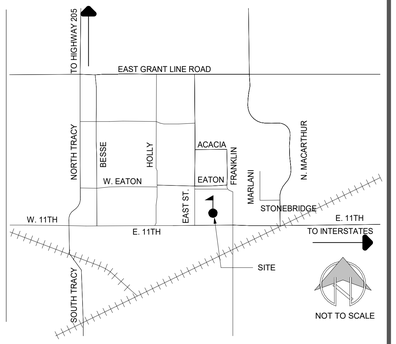
(E)	EXISTING
AB	ANCHOR BOLT
AC PAVING	ASPHALTIC CONCRETE PAVING
ACC	ACCESS/ACCESSIBLE
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT/ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
AHU	AIR HANDLING UNIT
ARCH	ARCHITECTURAL
ATT	ATTENUATION
AUTO	AUTOMATIC
BD	BOARD
BLCG	BLOCKING
BUR	BUILT UP ROOFING
CABT	CABINET
CF	CUBIC FEET
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
CG	CORNER GUARD
CJ	CONTROL JOINT
CL	CENTER LINE
CLF	CHAIN LINK FENCE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
COMP	COMPRESSION / COMPOSITE
CF	CUBIC FEET
COORD	COORDINATE
CORR	CORRUGATED
CT	CERAMIC TILE
CTSK	COUNTER SKUNK
CW	CURTAINWALL
DEPR	DEPRESSED / DEPRESSION
DF	DRINKING FOUNTAIN
DIM	DIMENSION
DISP	DISPENSER
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
E/W	EACH WAY
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION / ELEVATOR
ENCL	ENCLOSE / ENCLOSURE
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EQ	EQUAL
ESC	EXCUTCHEON
EWC	ELECTRIC WATER COOLER
EXP	EXPOSED
FA	FIRE ALARM
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER W/ CABINET
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FSH	FLAT HEAD SCREW
FIN	FINISH
FLR	FLOOR
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FP	FIREPROOFING
FR	FIRE RATED
FRG	FIRE RATED GLASS
FRP	FIBERGLASS REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FS	FINISH SURFACE
FTG	FOOTING
GB	GRAB BAR
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS TYPE
GLB	GLUE LAMINATED BEAM
GYP BD	GYPSUM BOARD
GYP PLAS	GYPSUM PLASTIC
HB	HOSE BIBB
HD	HEAVY DUTY
HDR	HEADER
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HP	HIGH POINT
HSS	HOLLOW STEEL SECTION
ID	INSIDE DIAMTER
INT	INTERIOR
INV	INVERT
LANDS	LANDSCAPE
LAV	LAVATORY
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LT WT	LIGHT WEIGHT
LVR	LOUVER
MACH	MACHINE
MB	MACHINE BOLT
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MO	MASONRY OPENING
MTD	MOUNTED
MTL	METAL
NIC	NOT IN CONTRACT
NR	NON RATED
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
O/	OVER
O/A	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFVI	OWNER FURNISHED, VENDOR INSTALLED
OH	OPPOSITE HAND
OPER	OPERABLE
OPNG	OPENING
ORD	OVERFLOW ROOF DRAIN
P/L	PROPERTY LINE
PA	PUBLIC ADDRESS
PAF	POWDER ACTUATED FASTENER
PCC	PORTLAND CEMENT CONCRETE PAVING
PED	PEDESTRIAN
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PH	PANIC HARDWARE
PIV	POST INDICATOR VALVE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLUMB	PLUMBING
PNL	PANEL
PNT	PAINT / PAINTED
POC	POINT OF CONNECTION
POLY ISO	POLYISOCYANURATE
PREFIN	PREFINISHED
PREP	PREP / PREPARATION
PTC	POST TENSIONED CONCRETE
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION / SYSTEM
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QT	QUARRY TILE
R	RADIUS, RISER
RB	RESILIENT BASE
RD	ROOF DRAIN
RECEPT	ECEPTACLE
REF	REFERENCE
REFL	REFLECT(ED), (IVE)
REFL	REFLECT(ED), (IVE)
REFR	REFRIGERATOR
REINF	REINFORCE/REINFORCED/ REINFORCEMENT
REM	REMOVE
RH	ROUND HEAD
RHS	ROUND HEAD SCREW
RO	ROUGH OPENING
ROW	RIGHT OF WAY
SCH	SCHEDULE (FOR PIPE)
SCHED	SCHEDULE / SCHEDULING
SD	STORM DRAIN / SOAP DISPENSER
SECT	SECTION
SG	SAFETY GLASS
SHT	SHEET
SHTG	SHEATHING
SMS	SHEET METAL SCREW
SND	SANITARY NAPKIN DISPOSAL
SOV	SHUT OFF VALVE
SPEC	SPECIFICATIONS
SS	STAINLESS STEEL
STC	SOUND TRAMISSION CLASS
STL	STEEL
STSMS	SELF TAPPING SHEET METAL SCREW
SUSP	SUSPENDED
SV	SHEET VINYL
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
TO	TOP OF
TOC	TOP OF CURB / CONCRETE
TOP	TOP OF PARAPET
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TS	TACKABLE SURFACE
U/C	UNDER CABINET (OR COUNTER
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VAC	VACUUM
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W/	WITH
W/O	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WGT	WEIGHT
WH	WATER HEATER
WP	WATERPROOFING/WALL PROTECTION
WR	WATER RESISTANT
WRGB	WATER RESISTANT GYPSUM BOARD
WS	WOOD SCREW
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC

NOTE:
OTHER ABBREVIATIONS USED ON THESE DRAWINGS ARE CONSIDERED STANDARDS IN THE BUILDING INDUSTRY. CONTACT ARCHITECT FOR NECESSARY CLARIFICATION.

STATE MAP



VICINITY MAP



STATEMENT OF GENERAL CONFORMANCE

(X) THE DRAWINGS OR SHEETS LISTED ON THE INDEX SHEET WITH AN (*)
( ) THIS DRAWING PAGE OF SPECIFICATIONS/CALCULATIONS

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

1) DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2) COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344* OF TITLE 24, PART 1. (TITLE 24, PART 1, SECTION 4-317 (B))

I CERTIFY THAT:

ALL DRAWINGS OR SHEETS LISTED ON THE SHEET INDEX WITH AN (*) IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN AND HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE — DATE: 12/03/2024
ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE
JEFFREY GRAU
PRINT NAME

LICENSE NUMBER C-14648 EXPIRATION DATE

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122844 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/15/2025

HMC Architects
3595-003-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com

LICENSED ARCHITECT JEFFREY ALAN GRAU C-14648 5/31/2025 RENEWAL DATE STATE OF CALIFORNIA

PROJECT TEAM

OWNER
TRACY UNIFIED SCHOOL DISTRICT
18875 W LOWELL AVENUE TRACY, CA 95376
(209) 830-3200

ARCHITECT
HMC ARCHITECTS
2101 CAPITOL AVENUE, STE 100, SACRAMENTO, CA 95816
(916) 368-7990

STRUCTURAL ENGINEER
RW CONSULTING ENGINEERS INC.
1450 HARBOR BLVD, STE F, WEST SACRAMENTO, CA 95691
(916) 229-8345

FACILITY:
TRACY HIGH SCHOOL
315 E 11TH ST,
TRACY, CA 95376

PROJECT:
TRACY HS FOOTBALL FIELD SCOREBOARD REPLACEMENT

SHEET NAME:
COVER SHEET

DSA SUBMITTAL

DATE: **10/10/2024** CLIENT PROJ NO: **39-H8**

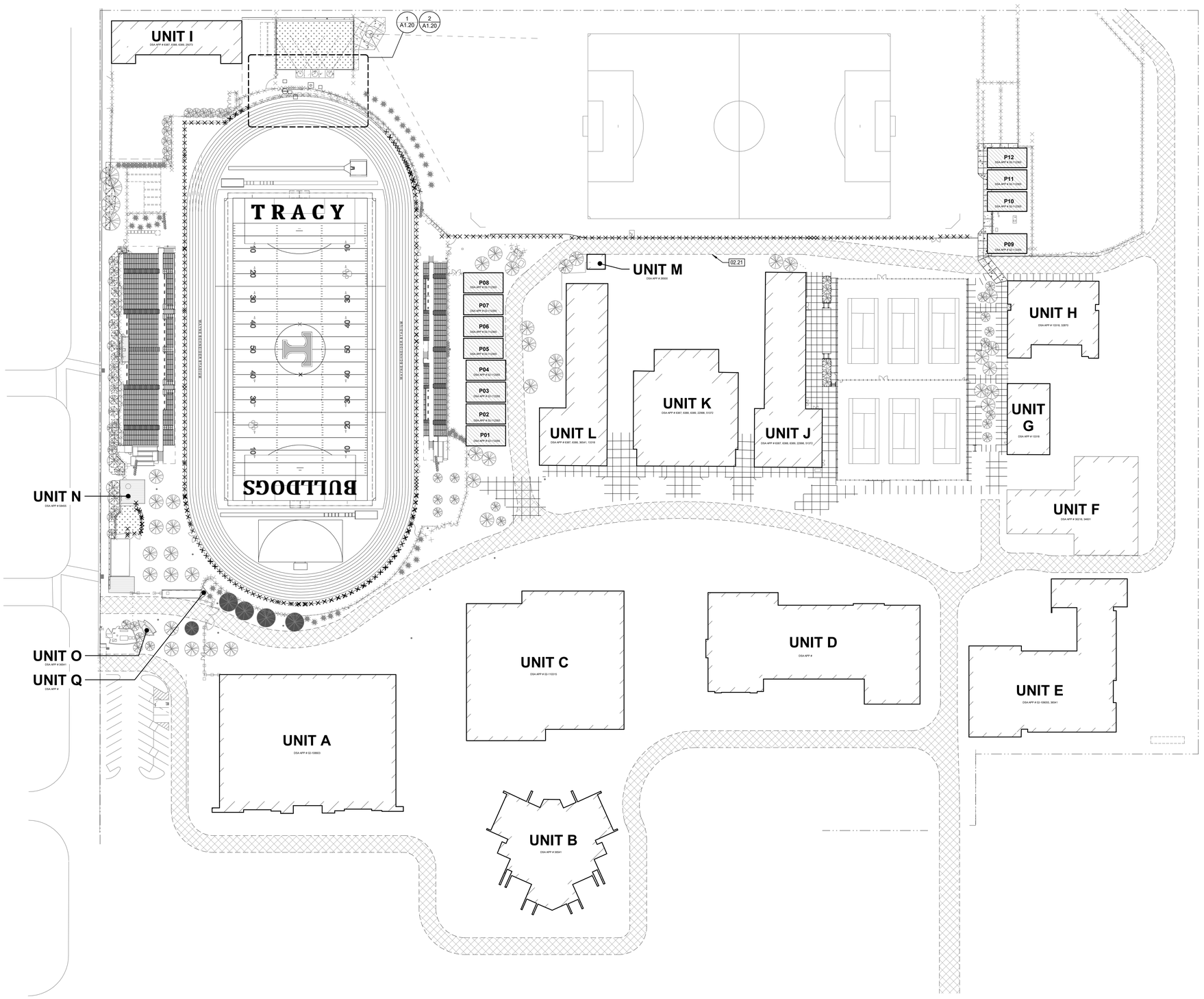
SHEET:

G0.10

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PLEASE RECYCLE

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG ON THIS SHEET'S ORIGINAL PAGE SIZE



PROJECT SITE PLAN 1
1" = 50'-0"

PLEASE RECYCLE

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12/2/2024 12:28:19 PM

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LICENSED ARCHITECT
JEFFREY ALAN GRAU
C-14648
5 / 31 / 2025
RENEWAL DATE
STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

LEGEND

- APPROXIMATE LIMIT OF WORK. REFER TO ADDITIONAL DRAWINGS FOR WORK WHICH MAY EXTEND BEYOND THIS APPROXIMATE LIMIT OF WORK LINE.
- PROPERTY LINE
- FIRE LANE
- EXISTING BUILDINGS

KEYNOTES

NOTES

1. REFER TO SHEET G0.10 FOR TYPICAL SYMBOLS AND ABBREVIATIONS
2. CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/PLANTING OUTSIDE OF LIMIT OFWORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES

FACILITY:
TRACY HIGH SCHOOL
315 E 11TH ST,
TRACY, CA 95376

PROJECT:
TRACY HS FOOTBALL FIELD SCOREBOARD REPLACEMENT

SHEET NAME:
PROJECT SITE PLAN

DSA SUBMITTAL

DATE: **10/10/2024** | CLIENT PROJ NO: **39-H8**

SHEET:

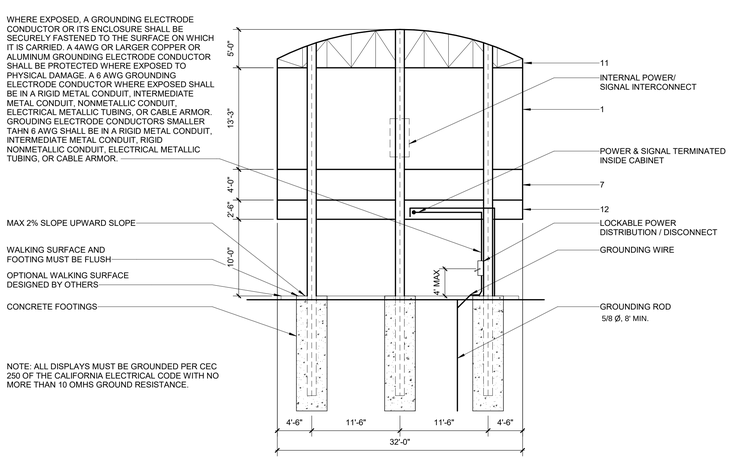
A1.10

THE LINE SHOWN ABOVE IS 1" LONG ON ORIGINAL PLOT. IF NOT, ADJUST SCALE ACCORDINGLY

PRODUCT INFO. SHEET:
DAKTRONICS LIVE VIDEO DISPLAY

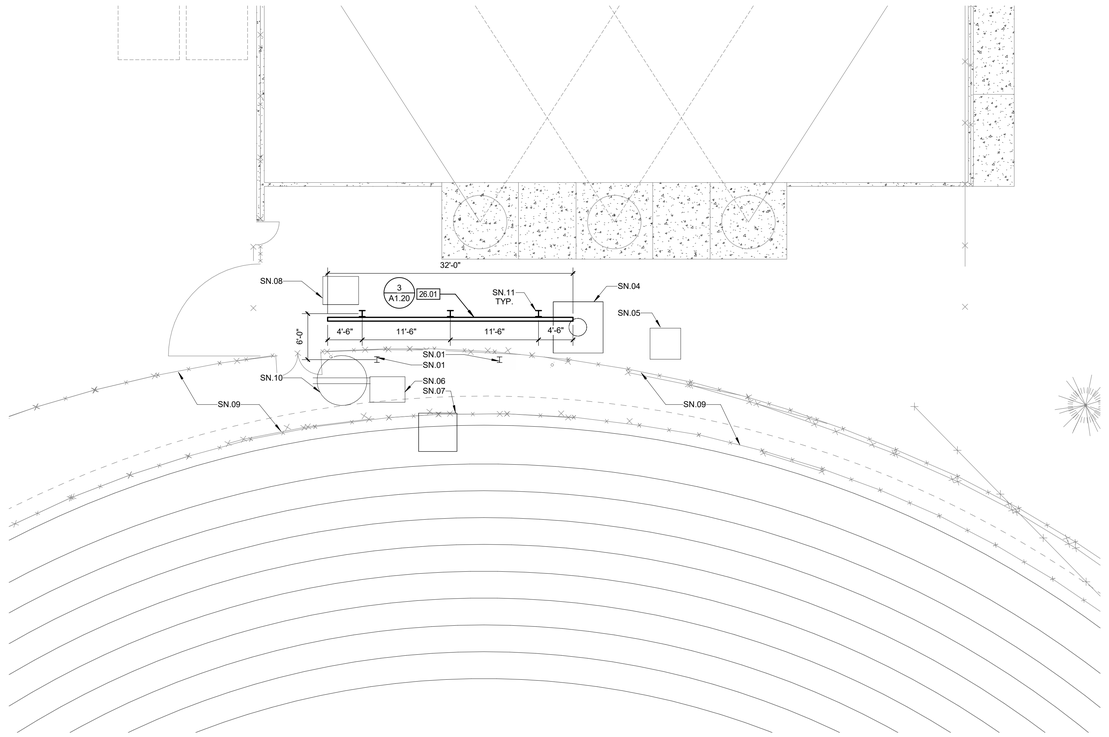
MODEL		DESCRIPTION
1.	LVX-2160-264X480-15HD-MR-LT-32, 13.2' x 4.0 AD PANELS	MATRIX: 264 LINES BY 480 COLUMNS LINE SPACING: 15 mm LED COLOR: RGB - - 280 TRILLION COLORS CABINET DIMENSIONS: 13' 3" H X 32' 0" W X 0' 11" D (APPROX) MAX POWER: 14025 WATTS/DISPLAY WEIGHT: UNPACKAGED 4235 LBS PER DISPLAY; PACKAGED 5115 LBS PER DISPLAY
2.	CPMTROL-1 VIDEO INPUT (PRIMARY PLAYER & PROCESSOR ONLY) w/ LAPTOP FOR ALL SPORTS PRO	STANDARD DEFINITION OR HIGH DEFINITION (1080p); 1 VIDEO INPUT FOR ALL SPORT PRO
3.	OUTDOOR SCORBOARD RADIO COMMUNICATION (TRANSMITTER)	FREQUENCY OF 2.4 GHz
4.	ALL SPORTS PRO FOOTBALL/ SOCCER/LACROSSE	SOFTWARE WITH TABLET CONTROL CAPABILITY (1 iPAD INCLUDED)
5.	ALL SPORT PRO WIRELESS ACCESS POINT	TP-LINK WIRELESS ACCESS POINT
6.	W-1489	FIBER OPTIC CABLE; 50um MULTIMODE; 6 FIBER WITH NON TERMINATED ENDS
7.	FB-2037-A-PV-F	PANAVIEW FOOTBALL SCOREBOARD; SCOREBOARD COLOR: CAPTION COLOR: CABINET DIMENSIONS: 4' 0" H X 32' 0" W X 0' 8" D (APPROX) DIGIT TYPE: PANAVIEW DIGIT COLOR: AMBER WEIGHT: PACKAGED 750 LBS PER DISPLAY
8.	STRIPE; FB-2037	PERIMETER BORDER STRIPE FOR FB-2037 SCOREBOARD; COLOR:
9.	RADIO RECEIVER	FREQUENCY OF 2.4GHz
10.	12 VDC TRUMPET HORN W/ POWER SUPPLY	FOR OUTDOOR SCOREBOARDS
11.	DA-1001-32 WITH NON-BACKLIT LETTERING AND SCREEN BACKING	ARCH TRUSS; ALUM, 5' TALL X 32' LONG W 50% NON-BACKLIT LETTERING/LOGO && SCREEN BACKING. CABINET DIMENSIONS: 5' 0" H X 32' 0" W X 0' 3" D (APPROX) UNPACKAGED 465 LBS PER DISPLAY PACKAGED 1130 LBS PER DISPLAY
12.	OUTDOOR NON-BACKLIT 2'6" X 32' 0" HORIZONTAL	AD PANEL, ABOVE OR BELOW DISPLAY CABINET DIMENSIONS: 2' 6" H X 32' 0" W X 0' 8" D WEIGHT: PACKAGED 256 LBS PER DISPLAY
13.	WARRANTY & SERVICES	
	P2G5 - 2 YEARS PLATINUM, ADDITIOINAL 3 YEARS GOLD EXTENDED SERVICE FOR A TOTAL OF 5 YEARS FOR 829840- 1 - 4 MAIN EQUIPMENT	2 YEARS PARTS AND ON-SITE LABOR, ADDITIONAL 3 YEARS PARTS FOR A TOTAL OF 5 YEARS OF DAKTRONICS COVERAGE
	STANDAARD VIDEO WITH SCS ONE-ON-ONE WEBINAR TRAINING	
	CUSTOM RTD FRAMES -- SINGLE LOGO BACKGROUND	CUSTOM LOGO RTD FRAMES. 1-3 RTD FRAMES
	TEAM SPIRIT VOL. 1 ANIMATIONS STARTER PACKAGE	PERSONALIZED PACKAGE - YOUR SCHOOL COLORS, MASCOT/LOGO - 20 PRE-SELECTED POPULAR/ ESSENTIAL ANIMATION INCLUDED

REAR VIEW

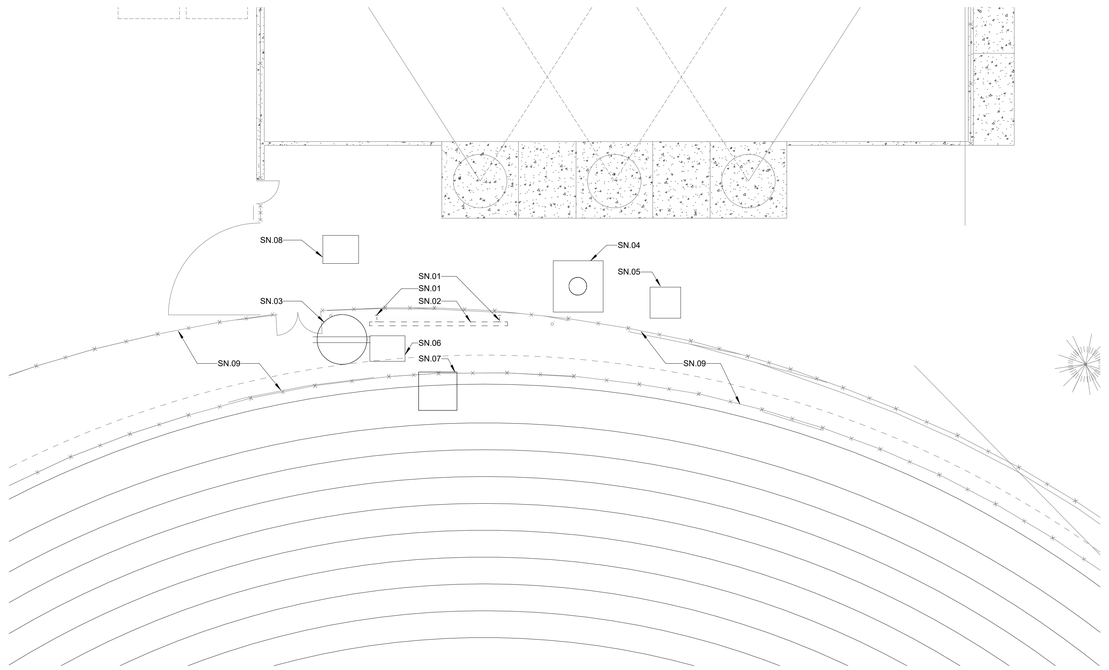


NOTE: ALL DISPLAYS MUST BE GROUNDED PER CEC 250 OF THE CALIFORNIA ELECTRICAL CODE WITH NO MORE THAN 10 OMHS GROUND RESISTANCE.

GROUNDING DETAIL 3 — 1/8" = 1'-0"



PARTIAL SITE PLAN - NEW 2 — 1/8" = 1'-0"



PARTIAL SITE PLAN - DEMO 1 — 1/8" = 1'-0"

AGENCY APPROVAL:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122844 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/15/2025

HMC Architects
3595-003-000
2101 CAPITOL AVENUE, SUITE 100,
SACRAMENTO, CA, 95816
916 368 7990 / www.hmcarchitects.com

LICENSED ARCHITECT JEFFREY ALAN GRAU C-14648 5/31/2025 RENEWAL DATE STATE OF CALIFORNIA

ISSUE

Δ	DESCRIPTION	DATE

GENERAL NOTES

CONTRACTOR RESPONSIBLE FOR CONDUCTING RADAR UTITLITY UNDERGROUND INVESTIGATION PRIOR TO CONSTRCUTION. THIS INCLUDES IDENTIFYING AND MAPPING UNDERGROUND UTILITIES TO ENSURE SAFE AND ACCURATE EXCAVATION AND CONSTRUCTION PLANNING

SHEET NOTES

SN.01 REMOVE (E) COLUMNS, FOOTINGS TO REMAIN
SN.02 (E) SCOREBOARD TO BE REMOVED
SN.03 (E) WP RECEPTACLE TO REMAIN
SN.04 (E) GROUND ROD BOX TO REMAIN
SN.05 (E) COMBOX 1 TO REMAIN
SN.06 (E) COMBOX 2 TO REMAIN
SN.07 (E) DP2-8 TO REMAIN
SN.08 (E) PULL BOX TO REMAIN
SN.09 (E) CHAINLINK FENCE TO REMAIN
SN.10 (E) WP RECEPTACLE; GFCI MOUNT ON BASE OF NEW SCOREBOARD + 24" A.F.G.
SN.11 NEW PIERS FOR SCOREBOARD, SEE STRUCTURAL

KEYNOTES

26.01 NEW SCOREBOARD TO BE MOUNTED I 3/A1.20

NOTES

1. **DISCONNECT (E) SCOREBOARD FROM POWER AND DATA**
2. **REMOVE (E) SCOREBOARD AND RETURN TO DISTRICT**
3. **GRIND DOWN (E) SCOREBOARD COLUMN ANCHOR BOLTS FLAT FOR SAEFTY**
4. **REFER TO STRUCTURAL FOR SCOREBOARD DETAILS**
5. **POWER AND DATA TO EXTEND TO NEW SCOREBOARD, ADD PULL BOX IF NEEDED**
6. **ROUTE POWER AND GROUND FROM THE MAIN DISCONNECT TO THE DISPLAY POWER/SIGNAL ENCLOSURE**
7. **ROUTE THE CONTROL SIGNAL CABLE FROM THE CONTROL LOCATION TO THE DISPLAY LOCATION**

FACILITY:
TRACY HIGH SCHOOL
315 E 11TH ST,
TRACY, CA 95376

PROJECT:
TRACY HS FOOTBALL FIELD SCOREBOARD REPLACEMENT

SHEET NAME:
PARTIAL SITE PLANS - NEW & DEMO

DSA SUBMITTAL

DATE: **10/10/2024** | CLIENT PROJ NO: **39-H8**

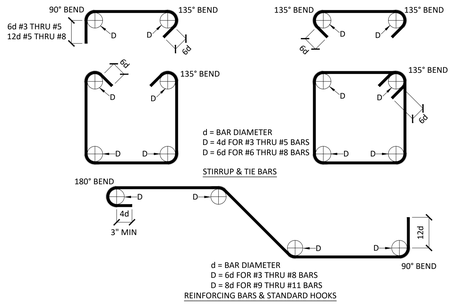
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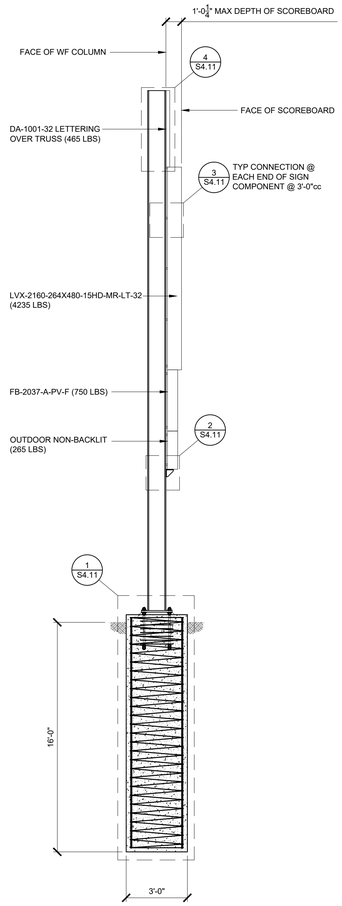
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PLEASE RECYCLE

IF THE LINE BROWN ABOVE IS EXACTLY 1" LONG, THIS SHEET IS ORIGINAL MADE 30"X42"

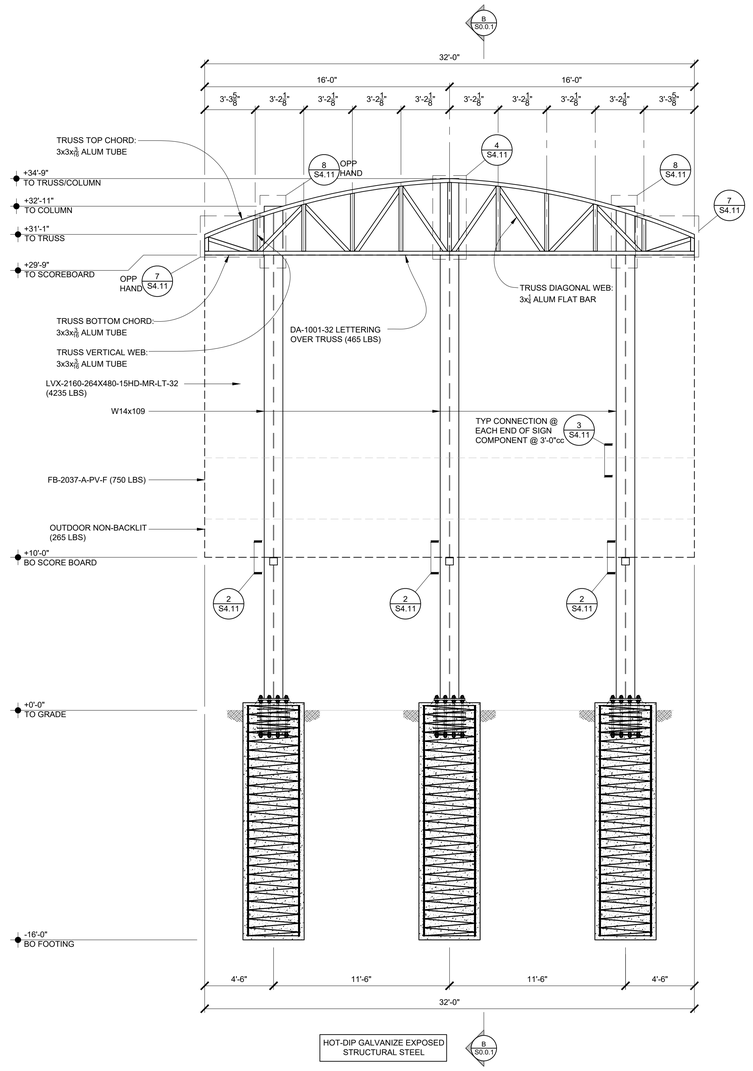


STANDARD REBAR BENDS 1



SECTION VIEW B

¼" = 1'-0"



ELEVATION VIEW A

¼" = 1'-0"

STRUCTURAL STEEL NOTES:

1. THE FABRICATION AND ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND THE AISC STEEL CONSTRUCTION MANUAL 16th EDITION.
2. STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING
   - 2.1 WIDE FLANGE SHAPES ASTM A992, Fy = 50 KSI
   - 2.2 BARS AND PLATES-ASTM A572, Fy = 50 KSI
   - 2.3 ANGLES ASTM A36, Fy = 36 KSI
3. WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER AWS STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" AWS D1.1.
4. ALL WELDED JOINTS AND ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX UNO. FCAW FILLER METAL WIRE SHALL BE 5/64" MAX DIAMETER AND SMAW FILLER METAL WIRE SHALL BE 5/32" MAX DIAMETER.
5. ALL STRUCTURAL STEEL SHALL BE ERECTED PLUM AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE UNTIL THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETE.
6. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED BELOW GRADE SHALL HAVE 3" MINIMUM COVER. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED ABOVE GRADE AT CONCRETE EXPOSED TO WEATHER SHALL HAVE 1½" MINIMUM COVER.
7. ALL STEEL BOLTS ARE TO HAVE STANDARD GAGE AND PITCH PER AISC. ALL EMBEDDED ANCHOR BOLTS SHALL BE F1554 GRADE 105 UNO. HOLES AT STEEL-TO-STEEL CONNECTIONS ARE TO BE 1/16" OVERSIZE AND HOLES AT STEEL COLUMN BASE PLATES ARE TO BE ¼" OVERSIZE, UNO.
8. STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT, EXCEPT THE BELOW NOTED LOCATIONS, WHERE PRIMER SHALL BE HELD 2" CLEAR:
   - 8.1 STEEL SURFACES EMBEDDED IN CONCRETE
   - 8.2 SURFACES TO BE FIELD WELDED
   - 8.3 SURFACES TO BE FIREPROOFED
   - 8.4 SURFACES IN CONTACT WITH HIGH STRENGTH BOLTING
9. GALVANIZE EXPOSED EXTERIOR STRUCTURAL STEEL MEMBERS WHERE INDICATED TO MINIMUM COATING GRADE 80 (1.9 OZ/SQ.FT) IN ACCORDANCE WITH ASTM A123. STAINLESS STEEL FASTENERS DO NOT NEED TO GALVANIZED

ALUMINUM NOTES:

1. ALL ALUMINUM MEMBERS SHALL BE GRADE 6061-T6
2. CORROSION RESISTANT MATERIAL SHALL BE PROVIDED BETWEEN FERROUS METAL (STEEL) AND NON-FERROUS METAL (ALUMINUM)
3. WELD ALUMINUM PER WELDING CODE AWS D1.2

FOUNDATION NOTES:

1. FOUNDATIONS ARE DESIGNED ACCORDING TO THE 2022 CBC - SEE 'DESIGN CRITERIA' ITEM 4 FOR FURTHER INFORMATION.
2. FOOTINGS SHALL BEAR ON FIRM, DRY, COMPACTED. FOOTING DEPTHS INDICATED ARE MINIMUMS.
3. FOOTINGS MAY BE OVER-EXCAVATED AT CONTRACTOR'S OPTION FOR PLACEMENT OF LEAN MIX CONCRETE TO FACILITATE THE REMOVAL OF DEBRIS AND STANDING WATER.
4. ALL FOOTINGS NOT FORMED SHALL BE POURED IN NEAT EXCAVATIONS. BOTTOMS OF EXCAVATIONS SHALL BE LEVEL, WITH CHANGES IN ELEVATION ONLY AS NOTED IN THESE DRAWINGS.
5. SEOR SHALL BE NOTIFIED IMMEDIATELY WHERE JOB SITE CONDITIONS ARE DIFFERENT THAN THOSE SHOWN ON CONTRACT DRAWINGS.

CONCRETE NOTES:

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND ACI 318-19.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT PER ACI 301 AND HAVE PROPORTIONS OF CEMENT, COARSE AND FINE AGGREGATE, WATER AND ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER ACI 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE AND SUPPORTED BY PREVIOUS TEST RECORDS.
2. STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

   FOR USE AT FOUNDATIONS 28-DAY STRENGTH,
   F'C = 4,000 PSI MAX AGGREGATE SIZE = 3/4" MAX
   WATER TO CEMENT RATIO = 0.55
   SLUMP = 4" ± 1"
3. CONSTITUENTS OF STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:
   - 3.1 PORTLAND CEMENT PER ASTM C-150 TYPE I OR II
   - 3.2 COARSE AND FINE AGGREGATES PER ASTM C-33
   - 3.3 REINFORCING PER ASTM A615 GRADE 60, UNO
   - 3.4 FLY ASH PER ASTM C-618 CLASS N OR F
   - 3.5 ADMIXTURES PER PROJECT SPECIFICATIONS
4. ALL DEBRIS SHALL BE REMOVED FROM FORMS AND FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE.
5. ALL REINFORCEMENT, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE.
6. FREE-FALL OF CONCRETE SHALL BE LIMITED TO 4'-0" MAX. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL SO AS TO CAUSE SEPARATION OF AGGREGATES.
7. CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER ACI 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.
8. CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE INTENTIONALLY ROUGHENED TO ½" AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
9. ALL FORMWORK TO REMAIN IN PLACE FOR DURATION AS REQUIRED BY LATEST EDITION OF ACI 318.
10. REFER TO ACI RECOMMENDATIONS FOR PLACING AND CURING CONCRETE IN COLD AND HOT WEATHER CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONCRETE MIX DESIGN WITH BATCH PLANT TO PROVIDE CONCRETE MIX APPROPRIATE FOR SITE CONDITIONS
11. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND IMPLEMENTING APPROPRIATE CURING PROCEDURES FOR ACTUAL SITE/WEATHER CONDITIONS AND SHALL INCLUDE PROVISIONS FOR INCLEMENT WEATHER. REFER TO ACI 308R.

STEEL REINFORCING NOTES:

1. ALL CONCRETE REINFORCING SHALL CONFORM TO THE 2022 CBC AND BE DETAILED, FABRICATED, AND PLACED PER ACI 318-19, AND PER THE LATEST EDITION OF ACI 315.
2. REINFORCEMENT SHALL BE DEFORMED BILLET STEEL PER ASTM A-615, GRADE 60. ALL REINFORCEMENT TO BE WELDED SHALL BE ASTM A-706, GRADE 60 (SEE NOTE 10 BELOW).
3. ALL BENDING OF REINFORCEMENT PER ACI. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
4. REINFORCEMENT IN SLABS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR CORNER BARS PROVIDED.
5. REINFORCING SHALL BE PLACED WITH THE FOLLOWING MINIMUM CLEAR COVERAGE, UNO:
   - 7.1 POURED AGAINST EXCAVATIONS/GROUND = 3"
   - 7.2 POURED AGAINST FORMS, EXPOSED TO SOIL = 2"
   - 7.3 CONCRETE EXPOSED TO WEATHER = 1½"
6. REINFORCING SHALL BE TIED IN PLACE. TACK WELDING OF REINFORCING IS NOT PERMITTED.
7. WHERE REINFORCING IS NOT SPECIFIED, REFER TO ACI 318 FOR MINIMUM REINFORCEMENT.
8. WELDING OF REINFORCING IS NOT PERMITTED UNLESS SHOWN ON THESE DRAWINGS OR WITH PRIOR WRITTEN APPROVAL FROM THE SEOR.

STRUCTURAL SHEET INDEX:

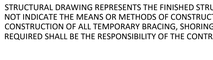
S0.01	NOTES, ELEVATION & SECTION
S4.11	DETAILS
S4.12	DETAILS

ABBREVIATIONS:

@	AT
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ALUM	ALUMINUM
APA	AMERICAN PLYWOOD ASSOCIATION
ARCH	ARCHITECT/ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
B.O.	BOTTOM OF
CBC	CALIFORNIA BUILDING CODE
CFS	COLD-FORMED STEEL
CMU	CONCRETE MASONRY UNIT
Ø	DIAMETER
DWGS	DRAWINGS
DSA	DIVISION OF THE STATE ARCHITECT
ES	EDGE SCREW w/SPACING PER SHEAR WALL DIAGRAMS
F.O.	FACE OF
HD	HOLDOWN
HSS	HOLLOW STRUCTURAL SECTION
L	STEEL ANGLE
MAX	MAXIMUM
MC	MISCELLANEOUS CHANNEL
MIN	MINIMUM
NTS	NOT TO SCALE
#	NUMBER OR POUNDS
oc	ON CENTER
OH	OPPOSITE HAND
PAF	POWDER-ACTUATED FASTENER
PJ	PANEL JOINT
PL	PLATE
SEOR	STRUCTURAL ENGINEER OF RECORD
SMS	SHEET METAL SCREW
T & B	TOP AND BOTTOM
THRU	THROUGH
T.O.	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W	WIDE FLANGE
w/	WITH

DRAWING STANDARDS:

SYMBOLS



STRUCTURAL ELEVATION

MATERIAL LEGEND

DESIGN CRITERIA:

1. PROJECT ADDRESS: 315 EAST 11th STREET, TRACY, CA 95376
2. BUILDING CODE: 2022 CALIFORNIA BUILDING CODE
3. LATERAL LOADS: RISK CATEGORY II

   WIND LOADS (ASCE 7-16)

   BASIC WIND SPEED 93 MPH (72 MPH ASD)
   EXPOSURE C

   PRESSURE COEFFICIENTS
   TOPOGRAPHIC FACTOR, K_{zt} = 1.00
   WIND DIRECTIONALITY FACTOR, K_d = 0.85

   VELOCITY PRESSURES
   q (30'-40') = 11.7 PSF (ASD)

   SEISMIC LOADS (ASCE 7-16)

   SITE CLASS D
   SEISMIC DESIGN CATEGORY D
   IMPORTANCE FACTOR 1.00

   S_s = 1.115 S_1 = 0.391
   F_v = 1.200 F_a = NA
   S_{ms} = 1.338 S_{m1} = NA
   S_{ds} = 0.892 S_{d1} = NA

   LATERAL SYSTEM: GROUND-SUPPORTED CANTILEVER WALL (ASCE 7-16 TABLE 15.4-2).

   R = 3.00 $C_s = \frac{S_{DS}}{(R / I)}$
   Ω_0 = 1.75 = 0.297
   C_s = 3.00 V(ASD) = 0.7 x C_s x W
   = 0.208 x W
4. SOILS CRITERIA:

   FOUNDATIONS ARE DESIGNED IN ACCORDANCE W/ THE CODE MINIMUM AS PRESENTED BY 1806.2.

   ALLOWABLE BEARING PRESSURE (D+L) = 1,500 PSF
   LATERAL BEARING PRESSURE (PSF/FT) = 200 PSF

GENERAL NOTES:

1. ALL NEW WORK SHALL CONFORM TO TITLE 24 2022 EDITIONS WITH AMENDMENTS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
2. THIS STRUCTURAL DRAWING IS APPLICABLE ONLY TO THE LISTED PROJECT AND SITE LOCATION. NOTES ON THIS SHEET ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS, AND OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE SHOWN OR NOTED.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" AND ALL OSHA REQUIREMENTS. THE ENGINEER OF RECORD ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY W/ THESE REQUIREMENTS.
5. STRUCTURAL DRAWING REPRESENTS THE FINISHED STRUCTURE, AND DOES NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. DESIGN AND CONSTRUCTION OF ALL TEMPORARY BRACING, SHORING, FORMING, ETC REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122844 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/15/2025

HMC ARCHITECTS
3595-003-000
2101 CAPITOL AVENUE, SUITE 100
SACRAMENTO, CA 95816
916 325 1100 / www.hmcarchitects.com

ISSUE

Δ	DESCRIPTION	DATE

RW CONSULTING Engineers Inc
1450 HARBOR BLVD SUITE F
WEST SACRAMENTO, CA 95691
916.716.6910

REGISTERED PROFESSIONAL ENGINEER — STRUCTURAL — STATE OF CALIFORNIA

11-29-24

FACILITY:

TRACY HIGH SCHOOL
315 EAST 11TH STREET
TRACY, CA 95376

PROJECT:

TRACY HS FOOTBALL FIELD SCOREBOARD REPLACEMENT

SHEET NAME:

NOTES, ELEVATION & SECTION

DSA SUBMITTAL

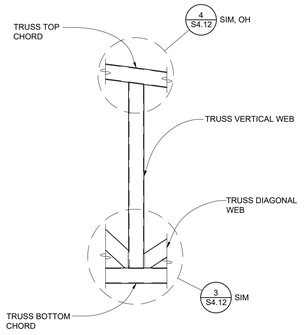
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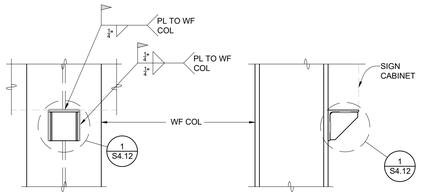
S0.01

PLEASE RECYCLE

IF THIS LINE DRAWN ABOVE IS NOT 1" LONG, ADJUST ALL SHEETS PROPORTIONAL TO ACTUAL SIZE



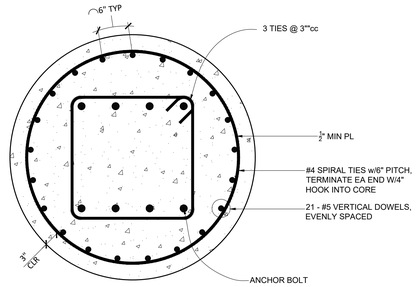
DETAIL 6
1" = 1'-0"



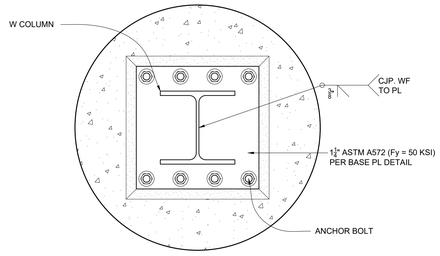
FRONT VIEW - SEAT ANGLE

SIDE VIEW - SEAT ANGLE

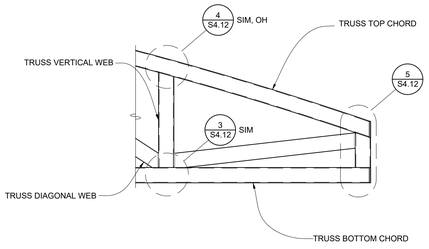
DETAIL 2
1" = 1'-0"



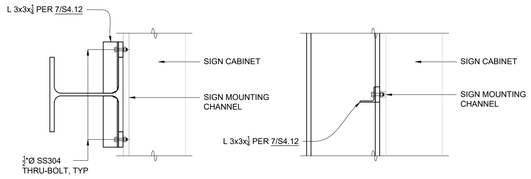
DETAIL CC' - TIE DETAIL



DETAIL AA' - BASE PL



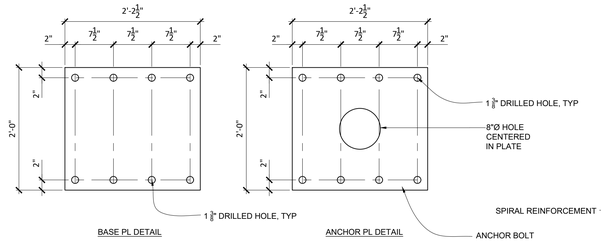
DETAIL 7
1" = 1'-0"

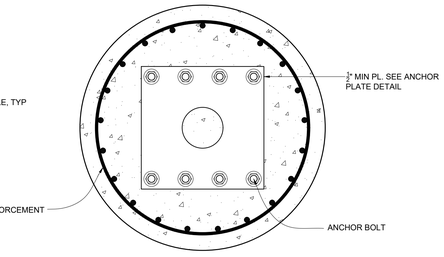


TOP VIEW - SIGN CLAMP

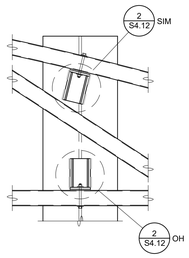
SIDE VIEW - SIGN CLAMP

DETAIL 3
1" = 1'-0"

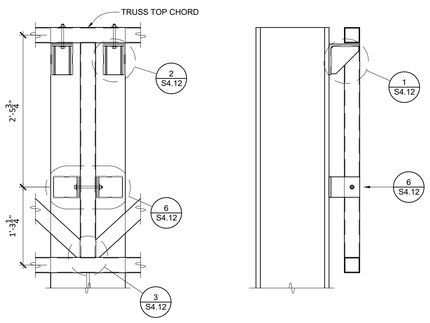




DETAIL BB' - ANCHOR PL



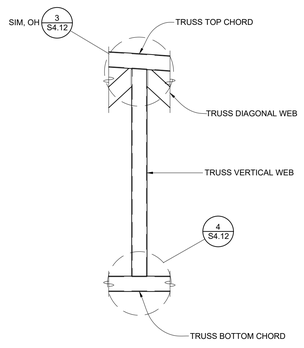
DETAIL 8
1" = 1'-0"



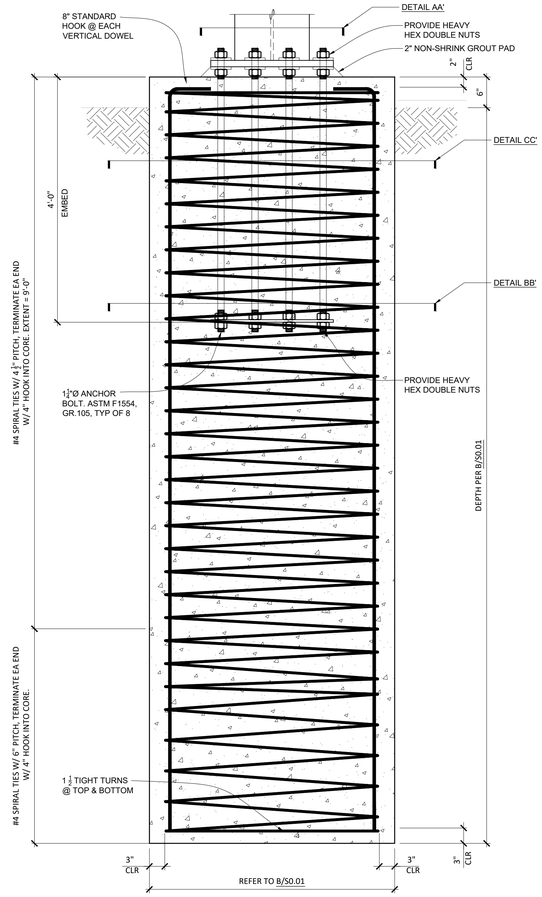
FRONT VIEW - SEAT ANGLE

SIDE VIEW - BEAM CLAMP

DETAIL 4
1" = 1'-0"



DETAIL 5
1" = 1'-0"



DETAIL 1
1" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122844 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 01/15/2025

HMC ARCHITECTS
3595-003-000
2101 CAPITOL AVENUE, SUITE 100
SACRAMENTO, CA 95816
916 325 1100 / www.hmcarchitects.com

ISSUE

Δ	DESCRIPTION	DATE

RW CONSULTING Engineers Inc
1450 HARBOR BLVD SUITE F
WEST SACRAMENTO, CA 95691
916.716.6910

11-29-24

FACILITY:

TRACY HIGH SCHOOL
315 EAST 11TH STREET
TRACY, CA 95376

PROJECT:

TRACY HS FOOTBALL FIELD SCOREBOARD REPLACEMENT

SHEET NAME:

DETAILS

DSA SUBMITTAL

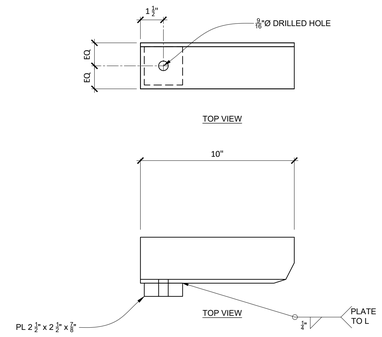
DATE: **10/04/2024** | CLIENT PROJ NO: **39-H8**

SHEET:

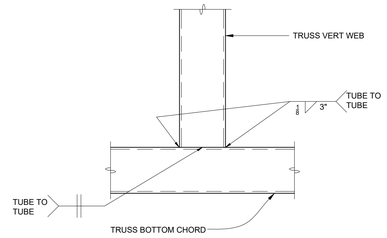
S4.11

PLEASE RECYCLE

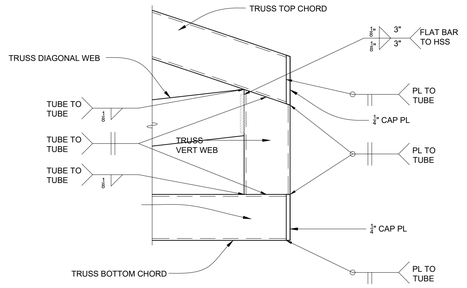
THE LINE BROKEN ABOVE IS EXACTLY 1" WHEN PRINTED ON THIS SHEET'S ORIGINAL MADE SIZE



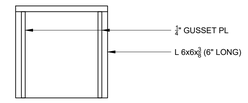
DETAIL 8
3" = 1'-0"



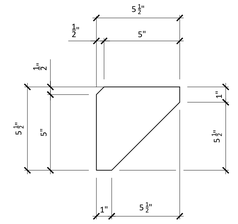
DETAIL 4
3" = 1'-0"



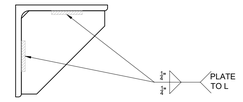
DETAIL 5
3" = 1'-0"



ELEVATION

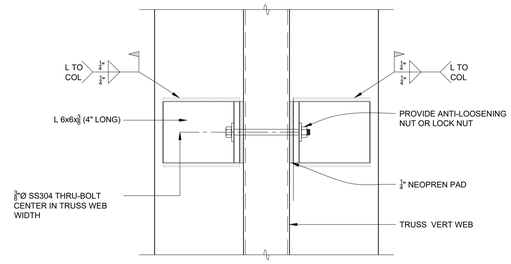


GUSSET PLATE

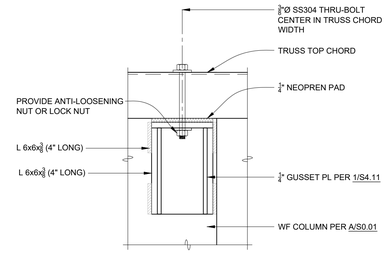


SECTION

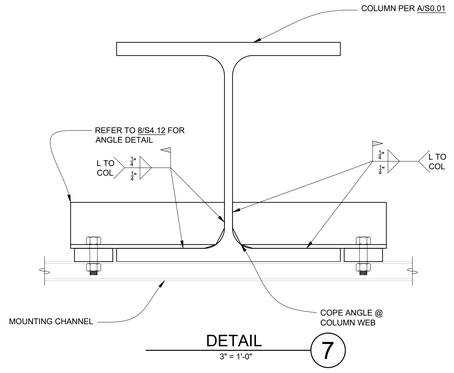
DETAIL 1
3" = 1'-0"



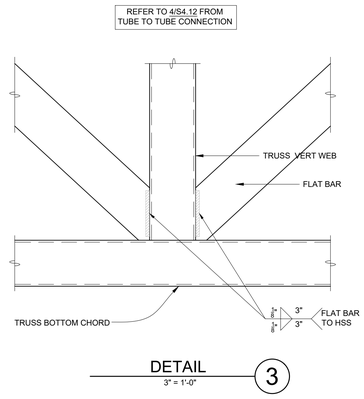
DETAIL 6
3" = 1'-0"



DETAIL 2
3" = 1'-0"



DETAIL 7
3" = 1'-0"



DETAIL 3
3" = 1'-0"

PLEASE RECYCLE

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ISSUE

Δ	DESCRIPTION	DATE

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1450 HARBOR BLVD SUITE F
WEST SACRAMENTO, CA 95691
916.716.6910

GREGORY T. REPPOND — No. 29365 — REGISTERED PROFESSIONAL ENGINEER — STRUCTURAL — STATE OF CALIFORNIA

11-29-24

FACILITY:

TRACY HIGH SCHOOL
315 EAST 11TH STREET
TRACY, CA 95376

PROJECT:

TRACY HS FOOTBALL FIELD SCOREBOARD REPLACEMENT

SHEET NAME:
DETAILS

DSA SUBMITTAL

DATE: **10/04/2024** | CLIENT PROJ NO: **39-H8**

SHEET:
S4.12