



LOS ANGELES UNIFIED SCHOOL DISTRICT  
**FOOTBALL SCOREBOARD UPGRADE**  
**JEFFERSON HIGH SCHOOL**  
 1319 EAST 41ST STREET, LOS ANGELES, CA 90011  
 COLIN #10373386

DIVISION OF THE STATE ARCHITECT

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 03-124612 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/20/2024

DSA #03-124612 FILE #19-H16



LOS ANGELES UNIFIED SCHOOL DISTRICT

M&O - A/E SERVICES  
 FACILITIES SERVICES DIVISION  
 333 S. BEAUDRY AVENUE, 22ND FLOOR  
 LOS ANGELES, CALIFORNIA 90017  
 TEL: (213)241-3952  
 EMAIL: HERRICK.AU@LAUSD.NET

PROJECT TITLE AND SCHOOL LOCATION

**FOOTBALL SCOREBOARD UPGRADE**

COLIN # 10373386

**JEFFERSON HIGH SCHOOL**

1319 EAST 41ST STREET  
 LOS ANGELES, CA 90011

COMMISSIONED ARCHITECT

CONSULTANT

STAMPS/SEALS



**TITLE SHEET**

PROJECT NO.: PROJECT ARCH:

DRAWN: CHECKED:

SHEET NUMBER

**G-001**

DATE: 08-12-24 SHEET: 01

**VICINITY MAP**



**GENERAL NOTES**

- ALL WORK SHALL COMPLY WITH CODES, LAWS, & REGULATIONS OF PUBLIC AUTHORITIES GOVERNING THE WORK & CONFORMING TO 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- CONTRACTOR SHALL OBTAIN & PAY FOR ALL PERMITS & ALL INSPECTIONS REQUIRED BY PUBLIC AUTHORITIES GOVERNING THE WORK
- CONTRACTOR SHALL VERIFY ALL DIM. & CONDITIONS AT THE JOB SITE PRIOR TO START OF WORK. ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES.
- CONTRACTOR SHALL SUBMIT REQUESTS FOR SUBSTITUTIONS, REVISIONS, or CHANGES TO ARCHITECT PRIOR TO PURCHASE, FABRICATION or INSTALLATION
- CONTRACTOR SHALL PROTECT AREA OF WORK AND ADJACENT AREAS ON SITE FROM BEING DAMAGED DURING CONSTRUCTION
- COORDINATE WORK WITH THE DISTRICT, INCLUDING SCHEDULING TIME & LOCATIONS FOR DELIVERIES, SITE ACCESS & USE OF SERVICES, MIN. DISTURBANCE TO NEIGHBORS
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS OFF SITE
- MAINTAIN ALL EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES, AND ALARMS IN CONFORMANCE WITH CODES AND ORDINANCES
- PATCH & REPAIR DAMAGED SURFACE (IN CONTRACT AREA & ALL DAMAGE SURFACES & IMPROVEMENTS DAMAGED DUE TO CONSTRUCTION ACTIVITY), AS REQD. TO & MATCH ADJACENT (E) SURFACES, PAINT AS REQUIRED.
- CONTRACTOR SHALL VERIFY AT SITE THE EXTENT OF WORK WHICH MAY OR MAY NOT BE INDICATED BY CLOUDS OR OTHERWISE ON THE DRAWINGS.
- MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL GOVERN, IN CASE OF CONFLICT CONSULT ARCHITECT.
- AT THE COMPLETION OF CONSTRUCTION, REPAIR ALL DAMAGE TO THE PAVED AND LANDSCAPED AREAS TO THE SATISFACTION OF DISTRICT ARCHITECT
- PROVIDE AND MAINTAIN BARRICADES AND PROTECTION AS REQUIRED.
- UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE DRAWINGS, ALL EXISTING CONDITIONS SHALL REMAIN AS-IS
- ALL CONST. AS INDICATED BY (E) IS EXISTING, UNLESS NOTED AS (N), IS NEW.
- CHANGES TO APPROVED DRAWINGS or SPEC'S SHALL BE MADE BY AN ADDENDA or CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- A 'DSA CERTIFIED' PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR). A DSA CERTIFIED INSPECTOR WITH CLASS 2 CERTIFICATION IS REQUIRED FOR THIS PROJECT.
- IN CASE OF CONFLICT, THE MOST STRINGENT METHOD OF CONSTRUCTION PER CODE REQUIREMENTS SHALL GOVERN
- ALL SUBCONTRACTORS MUST FIELD WALK SITE DURING BIDDING PHASE TO FAMILIARIZE WITH (E) CONDITIONS. BIDDING SUBCONTRACTOR SHALL VERIFY ALL (E) CONDITIONS & DIMENSIONS DURING THE BIDDING PHASE, INCLUDING ALL UTILITIES & OTHER WORKS & FACILITIES THAT MAY AFFECTS WORK. ANY DISCREPANCIES, CONFLICTS or OMISSIONS etc. SHALL BE REPORTED TO ARCHITECT BEFORE PROCEEDING WITH WORK. NO ALLOWANCE SHALL BE MADE FOR ANY EXTRA EXPENSE or EXTENSION OF TIME DUE TO CONTRACTOR'S FAILURE or NEGLIGENCE OF COMPLETE EXAMINATION OF JOB SITE.
- LOCATIONS OF UTILITIES IF INDICATED ON PLANS IS NOT GUARANTEED TO BE ACCURATE or COMPLETE, BUT IS PLOTTED FOR INFORMATION OF CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE EXACT LOCATIONS OF UTILITIES & THEIR SERVICE CONNECTIONS.
- CONSTRUCTION DOCUMENTS ARE PROVIDED TO ILLUSTRATE DESIGN & GENERAL TYPE OF CONSTRUCTION DESIRED, & IMPLIES THE FINEST QUALITY OF CONSTRUCTION MATERIALS & WORKMANSHIP. CONTRACTOR IS ASSUMING RESPONSIBILITY FOR THE WORK INDICATED, & SHALL COMPLY WITH THE SPIRIT AS WELL AS THE LETTER IN WHICH THEY WERE DRAWN.
- THE CONTRACTOR SHALL MAINTAIN LIABILITY INSURANCE TO PROTECT HIMSELF & HOLD THE LAUSD & DISTRICT ARCHITECT HARMLESS FROM ANY & ALL CLAIMS FOR DAMAGES, FOR PERSONAL, or BODILY INJURIES or DEATH or PROPERTY DAMAGE DURING THE COURSE OF CONTRACT. CONTRACTOR WILL BE FULLY RESPONSIBLE FOR THE SUPERVISION OF ALL WORK DONE BY ANY OF HIS SUBCONTRACTORS. CONTRACTOR'S RESPONSIBILITY FOR SUCH SUPERVISION SHALL INCLUDE ALL ASPECTS OF THE WORK, INCLUDING & WITHOUT LIMITATION OF SPEED, QUALITY & SAFETY THEREOF. ALL SUBCONTRACTORS SHALL BE DULY LICENSED, UNLESS OTHERWISE APPROVED BY THE OWNERS (LAUSD) IN WRITING.
- THE CONTRACTOR GUARANTEES THAT THE WORK PERFORMED WILL BE FREE FROM FAULTY MATERIALS & WORKMANSHIP. UPON RECEIPT OF NOTIFICATION FROM THE LAUSD, CONTRACTOR SHALL REMEDY, REPAIR or REPLACE IMMEDIATELY WITHOUT COST TO LAUSD ALL DEFECTS or IMPERFECTIONS APPEARING IN THE WORK. IT SHALL BE UNDERSTOOD, U.O.N. THAT ALL MATERIALS & WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY CONTRACTOR FROM THE ACCEPTANCE OF THE PROJECT BY LAUSD.
- THE INTENT OF DRAWINGS & 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 & SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317 (c), CBSAC, PART 1, TITLE 24, CCR)
- THE INFORMATION CONTAINED IN THESE CONSTRUCTION DOCUMENTS ARE TO BE FIELD VERIFIED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR BIDDING.
- DISTRICT OAS SHALL NOTIFY ARCHITECT OR ENGINEER OF RECORD (AOR/EOR), PRIOR TO CONSTRUCTION START DATE, FOR CONSTRUCTION OBSERVATION AND SUPPORT SERVICES.
- (FOR ALL DSA APPROVED PROJECTS): NO SCOPE OF ANY WORK SHALL BE ADDED or DELETED FROM THE DSA APPROVED DOCUMENTS WITHOUT NOTIFYING ARCHITECT or ENGINEER OF RECORD (AOR/EOR) FOR APPROVAL. IF CHANGES ARE TO BE MADE, & CONSTRUCTION CHANGE DOCUMENT (CCD) SHALL BE FILED TO DSA BY THE AOR/EOR.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- CLEARLY INDICATE THE SCOPE OF WORK ON THE COVER SHEET.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

**SYMBOLS**

	SECTION OR ELEVATION	NAME	ROOM OR SPACE NO.
	SHEET WHERE DRAWN	###	
	DETAIL NUMBER		REVISION NO. ON SHEET
	SHEET WHERE DRAWN	1	DEMOLITION KEY NOTE NO. ON SHEET
	DOOR NUMBER	1	CONSTRUCTION KEY NOTE NO. ON SHEET
	INT. ELEV. NO.		
	SHEET WHERE DRAWN		

**GENERAL NOTES (CONT.)**

- 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.
- CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT AND STRUCTURAL ENGINEER WITH THE APPROVAL OF DSA REPRESENTATIVE.
- WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24 CCR).
- SUBMIT RFC'S TO DESIGN TEAM IN CASE OF INCONSISTENCIES BETWEEN APPROVED DRAWINGS AND APPROVED SPECIFICATIONS IN THE DESCRIPTIONS OF WORK TO BE DONE. EQUIPMENT TO BE PROVIDED OR MATERIAL TO BE USED, IT SHALL BE THAT THE MORE STRINGENT, THE MORE RESTRICTIVE, THE HIGHER QUALITY, AND THE GREATER QUANTITY OF WORK SHALL APPLY. SUBMIT REVISED DRAWINGS OR SPECIFICATIONS AS RESULT OF SUCH RFC'S TO DSA VIA CCD'S IF REQUIRED BY IR A-6.
- ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
- THE PROJECT INSPECTOR (PI) IS TO WITNESS AND VERIFY GROUNDING.
- WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF CBC & CFC, 2019 EDITION "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION"

C:\ASE\_Services - Arch\Units\1-A-Arch\projects\Jefferson HS DSR1\10304\_23-1119-01\football\_scoreboard\DWG\Cad\Cad\Review\G\_001.dwg - P:\AR\DEL\MENODOZA - 8/13/2024 4:20 PM

**ABBREVIATIONS**

AC	AIR CONDITIONING	(N)	NEW
ACC	ASPHALTIC CONCRETE ACCESSIBLE	N.I.C.	NOT IN CONTRACT NO. #
ADJ	ADJUSTABLE	NTS	NOT TO SCALE
AFF	ABOVE FINISH FLOOR	OC	ON CENTER
ALT	ALTERNATE	OD	OUTSIDE DIAMETER
ALUM	ALUMINUM	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
AUTO	AUTOMATIC	O.F.&I.	OWNER FURNISHED & INSTALLED
B/BOT	BOTTOM	OPP	OPPOSITE
BM	BEAM	OH	OPPOSITE HAND
BD	BOARD		
BLDG.	BUILDING		
BLK'G	BLOCKING		
CA.	CALIFORNIA	EL	PROPERTY LINE
CL	CENTER LINE	PA	PLANTING AREA
CLG	CEILING	PL	PLATE
CLF	CHAIN LINK FENCE	PLAS	PLASTER
CLR.	CLEAR	PLYWD	PLYWOOD
CMU	CONC. MASONRY UNIT	P LAM	PLASTIC LAMINATE
COMP	COMPOSITION	R, RAD	RADIUS
CONC	CONCRETE	REF	REFERENCE
CONT	CONTINUOUS	REIN	REINFORCEMENT
COORD	COORDINATION	RETN	RETURN
/COORDINATE		RM	ROOM
CSK	COUNTERSUNK	R RM	RESTROOM
		REQ'D	REQUIRED
DBL	DOUBLE	SF	SQUARE FEET
DEMO	DEMOLITION	SIM	SIMILAR
DIM	DIMENSION	SPEC	SPECIFICATION
DISP	DISPENSER	SQ	SQUARE
DET	DETAIL	SS	STAINLESS STEEL
DIA	DIAMETER	STL	STEEL
DN	DOWN	STOR	STORAGE
DS	DOWNSPOUT	STD	STANDARD
DWG	DRAWING	STRCT.	STRUCTURAL
D.F.	DRINKING FOUNTAIN	SUSP	SUSPENDED
		SW	SWITCH
EQ	EQUAL	T	TOP
EJ	EXPANSION JOINT	T.B.	TACK BOARD
EXT	EXTERIOR	T.C.	TOP OF CURB
(E)	EXISTING	TOS	TOP OF SLAB
EXIST	EXISTING	TOW	TOP OF WALL
EXH	EXHAUST	TRESH.	THRESHOLD
		TYP.	TYPICAL
FD	FLOOR DRAIN	UNO / UON	UNLESS (OTHERWISE) NOTED OTHERWISE
FIN	FINISH		
FF	FINISH FLOOR	VAR	VARIES
FH	FIRE HYDRANT	V.C.T.	VINYL COMPOSITION TILE
FIN	FINISH	VERT.	VERTICAL
FLR	FLOOR	V I F	VERIFY IN FIELD
FOM	FACE OF MASONRY	WD	WOOD
FOS	FACE OF STUDS	WO	WHERE OCCURS
FT (')	FOOT, FEET	WP	WATER PROOF
		WR	WATER RESISTANT
GA	GAUGE	WT	WEIGHT
GALV	GALVANIZED	WWF	WELED WIRE FABRIC
GL	GLASS		
GYP	GYPNUM BOARD		
GENL	GENERAL		
HC	HOLLOW CORE		
HR	HOUR		
HT	HEIGHT		
ID	INSIDE DIAMETER		
IN. (")	INCH		
INSUL	INSULATION		
INT	INTERNATIONAL		
LAM	LAMINATED		
LAV	LAVATORY		
LOC.	LOCATION		
lb./lbs	POUND		
MAT	MATERIAL		
MAX	MAXIMUM		
MECH	MECHANICAL		
MFR	MANUFACTURER		
MIN.	MINIMUM		
MISC	MISCELLANEOUS		
MTL	METAL		

**APPLICABLE CODES**

- PART 1 - 2022 CA. ADMINSTRATIVE CODE, TITLE 24 CCR
- PART 2 - 2022 CA. BUILDING CODE, TITLE 24 CCR
- PART 3 - 2022 CA. ELECTRICAL CODE, TITLE 24 CCR (2020 NEC OF THE NFPA)
- PART 4 - 2022 CA. MECHANICAL CODE, TITLE 24 CCR (2018 UMC OF THE IAPMO)
- PART 5 - 2022 CA. PLUMBING CODE, TITLE 24 CCR (2018 UPC OF THE IAPMO)
- PART 6 - 2022 CA. ENERGY CODE, TITLE 24 CCR
- PART 7 - CURRENTLY VACANT
- PART 8 - 2022 CA. HISTORICAL BUILDING CODE, TITLE 24 CCR
- PART 9 - 2022 CA. FIRE CODE, TITLE 24 CCR
- PART 10 - 2022 CA. EXISTING BUILDING CODE, TITLE 24 CCR
- PART 11 - 2022 CA. GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE 24 CCR
- PART 12 - 2022 CA. REFERENCED STANDARDS, TITLE 24 CCR
- 2010 - ADA STANDARD FOR ACCESSIBILITY DESIGN
- 2022 NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS (CA. AMENDED)
- 2019 NFPA 14 - STANDPIPE SYSTEMS (CA. AMENDED)
- 2021 NFPA 17 - DRY CHEMICAL EXTINGUISHING SYSTEMS
- 2021 NFPA 17A - WET CHEMICAL EXTINGUISHING SYSTEMS
- 2019 NFPA 20 - STATIONARY PUMPS
- 2019 NFPA 22 - STANDARD WATER TANKS FOR PRIVATE FIRE PROTECTION
- 2019 NFPA 24 - PRIVATE FIRE SERVICE MAINS (CA. AMENDED);
- 2022 NFPA 72 - NATIONAL FIRE ALARM CODE (CA. AMENDED); (SEE UL STD. 1971 FOR "VISUAL DEVICES")
- 2019 NFPA 80 - FIRE DOOR AND OTHER OPENING PROTECTIVE
- 2018 NFPA 2001 - STANDARD CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA. AMENDED)
- 2010 UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED
- 2022 CA ADMINISTRATIVE CODE

**CODE ANALYSIS**

NAME OF BUILDING:	NON-BUILDING STRUCTURE
DSA APPLICATION NO.(PC)	PC #04-122194
OCCUPANCY:	N/A
CONSTRUCTION TYPE:	N/A
BUILDING HEIGHT:	N/A
FIRE SPRINKLER:	NONE
NUMBER OF STORIES:	N/A
AREA:	N/A

**EXIST'G DSA APPROVED PROJECTS**

DSA APPLICATION #03-109513, MEASURE K MODERNIZATION- ALTERATION TO GYMNASIUM BLDGS, C.R. BLDG, C.R./ADMIN. BLDG, CAFETERIA BLDG, AND FOOTBALL FIELD UPGRADE.  
 APPROVED: 09/29/2006, CLOSED & CERTIFIED: 12/04/2013

**PROJECT DIRECTORY**

<b>ARCHITECT</b> HERRICK Y. AU LAUSD - A/E SERVICES 333 S. BEAUDRY AVE. LOS ANGELES, CA 90017 (213) 241-3952	<b>STRUCTURAL ENGINEER</b> KIM CARAVALHO BRANDOW & JOHNSTON 700 FLOWER STREET, SUITE 1200 LOS ANGELES, CA 90017 (213) 596-4500
<b>ELECTRICAL ENGINEER</b> JOEL MENDOZA LAUSD - A/E SERVICES 333 S. BEAUDRY AVE. LOS ANGELES, CA 90017 (213) 241-0346	

**SHEET INDEX**

INDEX NO.	SHEET NO.	DESCRIPTION
1	G-001	TITLE SHEET
ARCHITECTURAL		
2	A-101	SITE PLAN, ENLARGED PLAN, ELEVATION & DETAIL
STRUCTURAL		
3	S-101	STRUCTURAL SITE PLAN
4	S-102	GENERAL NOTES AND VICINITY MAP
ELECTRICAL		
5	E-101	ELECT'L SITE PLAN, SYMBOL LIST, NOTES & ABBREVIATIONS
6	E-201	ELECT'L DETAILS
DAKTRONICS SIGNS, PC #04-122194		
7	1 (5224617)	SCOREBOARD PC COVER SHEET
8	2 (5224618)	DSA 103 SPECIAL INSPECTION FORM
9	3 (5224619)	DSA 103 SPECIAL INSPECTION FORM (CONT.)
10	4 (5224620)	MOUNTING DETAILS (WITHOUT VIDEO DISPLAY)
11	10 (5224625)	3-COLUMN STRUCTURE W/ PIER FOUNDATIONS
GRAND TOTAL: 11		

**SCOPE OF WORK**

REMOVE EXISTING FOOTBALL SCOREBOARD AND INSTALL NEW 32'-0" W X 12'-0" H FOOTBALL SCOREBOARD WITH THREE COLUMNS, MANUFACTURED BY DAKTRONICS SIGNS, PC #04-122194.

**STATEMENT OF GENERAL CONFORMANCE**

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS  
 (Application No. 03-124612 File No. 19-H16 )  
 The drawings or sheets listed on the cover or index sheet - DAKTRONICS, PC #04-122194  
 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 81136 of the Education Code and Sections 4-336, 4-341 and 4-344 of Title 24, Part 1, (Title 24, Part 1, Section 4-317 (b))

I find that:	<input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet - DAKTRONICS PC #04-122194
<input checked="" type="checkbox"/> is/are in general conformance with the project design intent, and	<input type="checkbox"/> is/are in general conformance with the project design intent, and
<input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.	<input type="checkbox"/> has/have been coordinated with the project plans and specifications.
Signature:	Signature: _____
Date: 08-12-2024	Date: _____
Architect or Engineer designated to be in general responsible charge	Architect or Engineer delegated responsibility for this portion of the work
HERRICK Y. AU Print Name	_____ Print Name
C-26770 License Number	_____ License Number
01-31-2025 Expiration Date	_____ Expiration Date

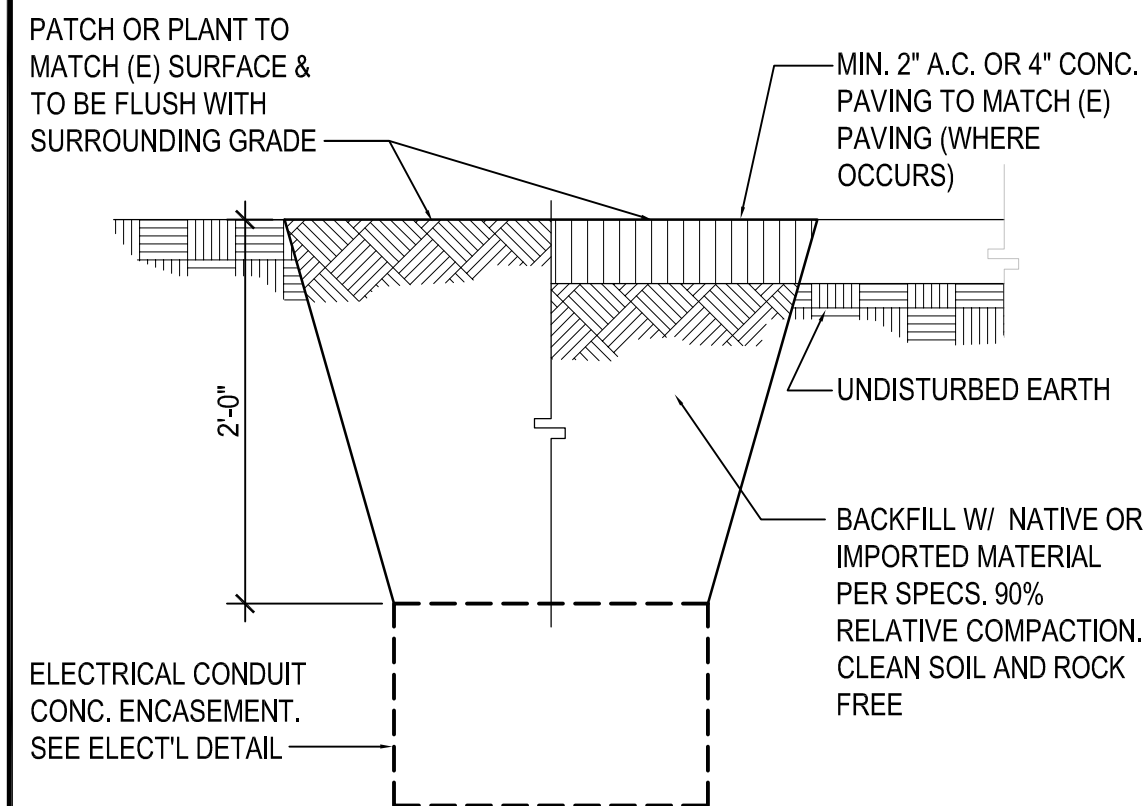
**FEMA FLOOD MAP INFORMATION:**

FEMA FIRM PANEL #06037C1619G, #0637C1638G  
 EFFECTIVE DATE: 12-21-2018, 12-21-2018  
 FLOOD ZONE DESIGNATION: ZONE X - AREA OF MINIMAL FLOOD HAZARD

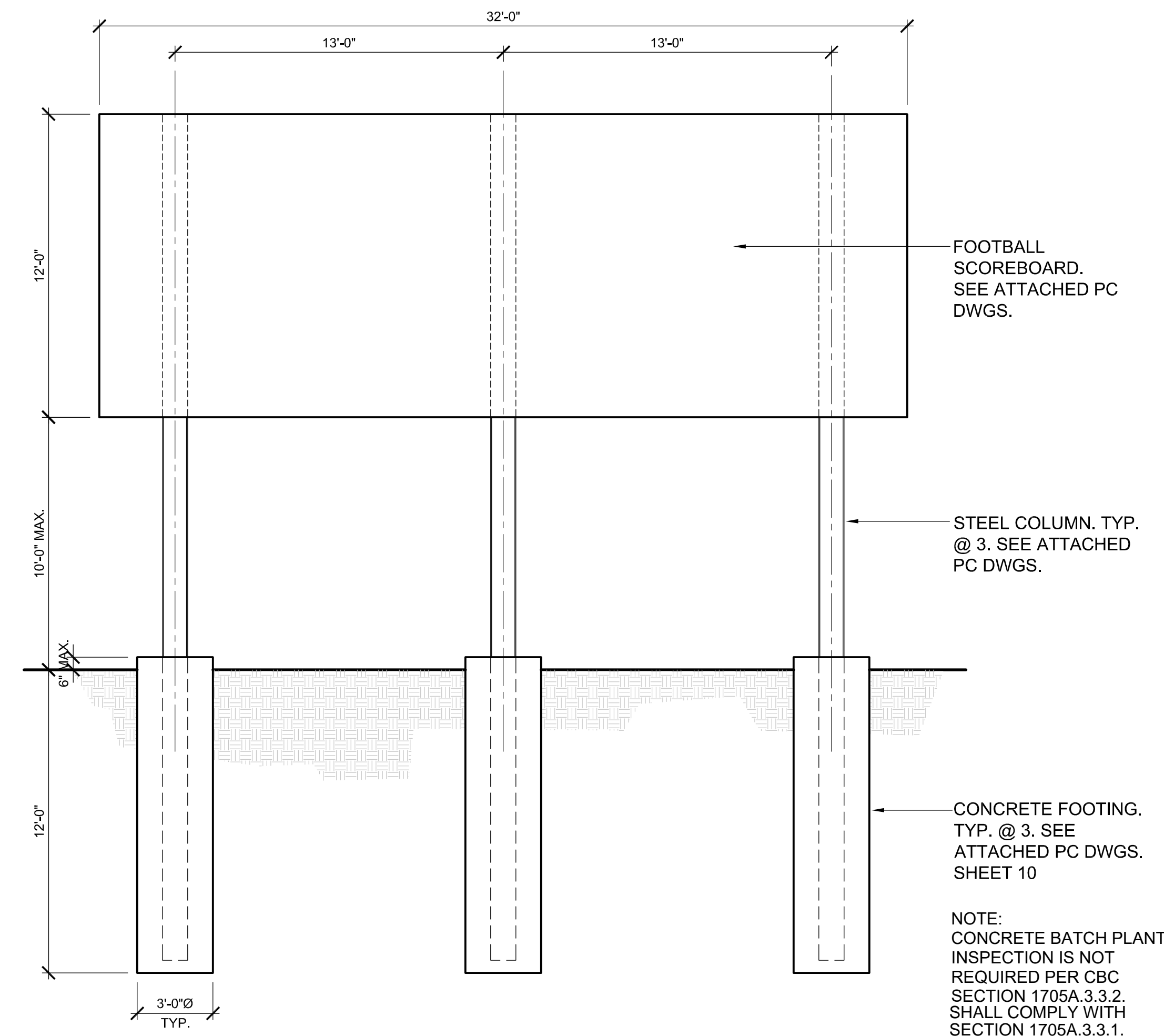
**WORK EXEMPT FROM DSA REQUIREMENTS FOR STRUCTURAL TESTS/ SPECIAL INSPECTIONS (DSA-103)**

**SOILS:**

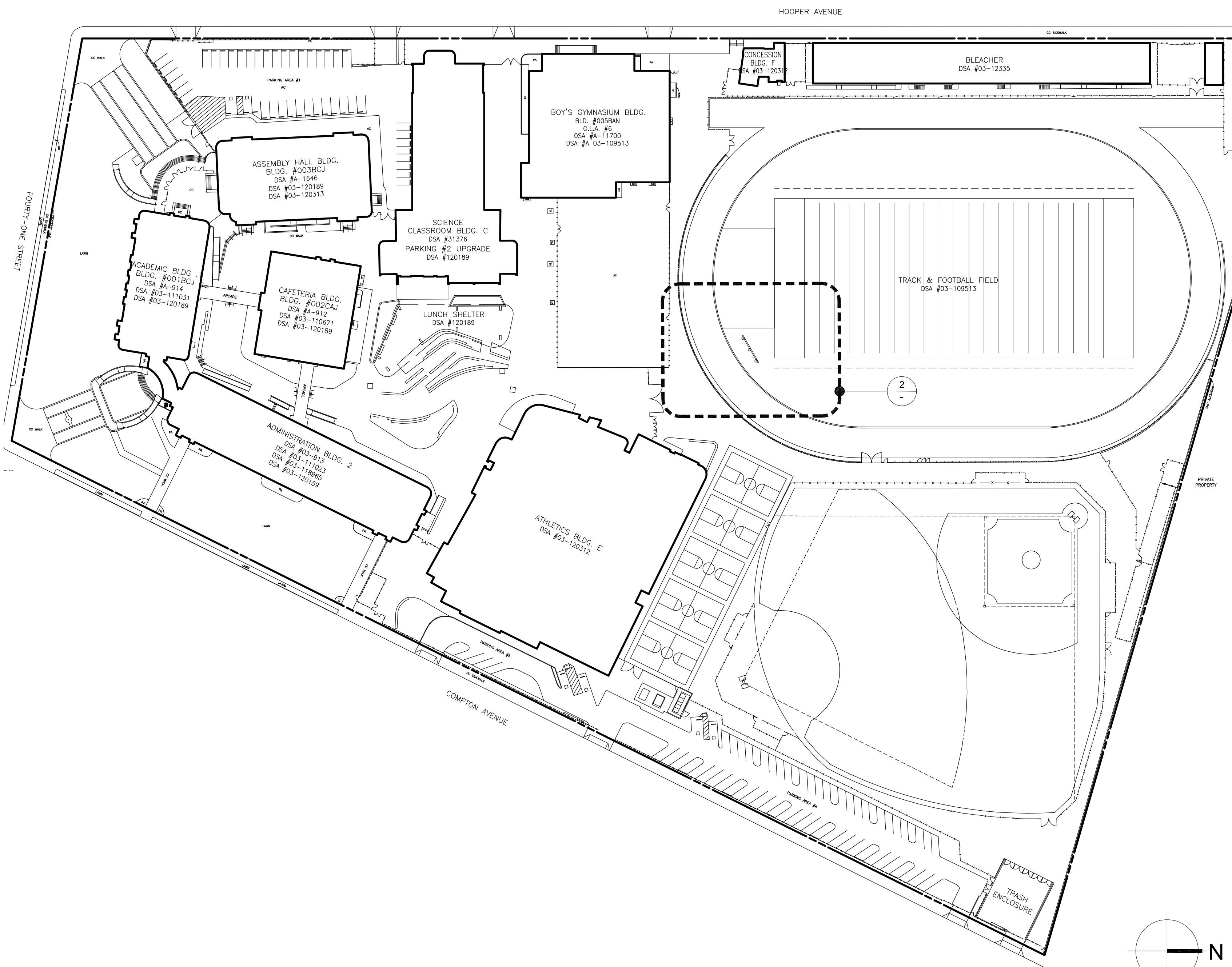
- DEEP FOUNDATIONS ACTING AS A CANTILEVER FOOTING DESIGN BASED ON MINIMUM ALLOWABLE PRESSURES PER CBC TABLE 1806A.2 AND WITHOUT A GEOTECHNICAL REPORT FOR THE FOLLOWING CASES: A) FREE STANDING SIGN OR SCOREBOARD, B) CELL OR ANTENNA TOWERS AND POLES LESS THAN 35'-0" TALL (E.G. LIGHT POLES, FLAG POLES, POLES SUPPORTING OPEN MESS FENCES, ETC.), C) SINGLE-STORY STRUCTURE WITH DEAD LOAD LESS THAN 5 PSF (E.G. OPEN FABRIC SHADE STRUCTURE), OR D) COVERED WALKWAY STRUCTURE WITH AN APEX HEIGHT LESS THAN 10'-0" ABOVE ADJACENT GRADE
- SHALLOW FOUNDATIONS, ETC. ARE EXEMPT FROM SPECIAL INSPECTIONS AND TESTING BY A GEOTECHNICAL ENGINEER FOR THE FOLLOWING CASES: A) BUILDING WITHOUT A GEOTECHNICAL REPORT AND MEETING THE EXEMPTION ITEM #1 CRITERIA IN CBC SECTION 1803A.2 SUPPORTED BY NATIVE SOIL (ANY EXCAVATION DEPTH) OR FILL SOIL (NOT EXCEEDING 12" DEPTH PER CBC SECTION 1804A.6), B) SOIL SCARIFICATION/RECOMPACTION NOT EXCEEDING 12" DEPTH, C) NATIVE OR FILL SOIL SUPPORTING EXTERIOR NON-STRUCTURAL FLATWORK (E.G. SIDEWALKS, SITE CONCRETE RAMPS, SITE STAIRS, PARKING LOTS, DRIVEWAYS, ETC.), D) UNPAVED LANDSCAPING AND PLAYGROUND AREAS, OR E) UTILITY TRENCH BACKFILL WITH DEPTH NOT EXCEEDING 12".



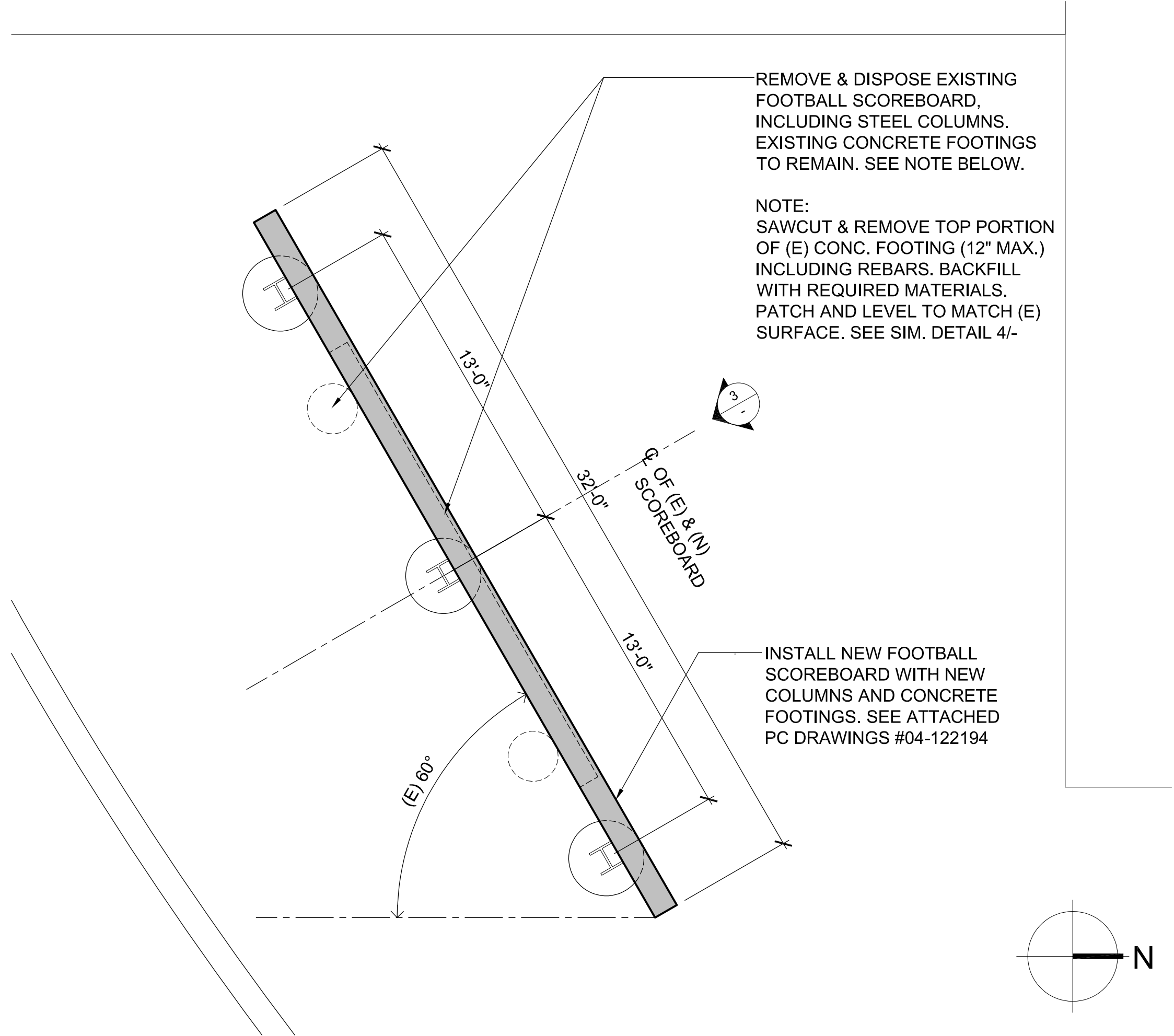
PAVING REPAIR @ UNDERGROUND CONDUIT SCALE: 1"=1'-0" 4



FRONT ELEVATION SCALE: 1/4"=1'-0" 3



SITE PLAN SCALE: 1"=70' 1



ENLARGED PLAN SCALE: 1/4"=1'-0" 2

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CONSULTANT

**BRANDOW & JOHNSTON**  
 EST. 1945  
 STRUCTURAL-CIVIL ENGINEERS  
 700 FLOWER STREET, SUITE 1200  
 LOS ANGELES, CALIFORNIA 90017  
 T: (213) 696-4500 WWW.BJSCE.COM  
 JOB#:

STAMPS/SEALS

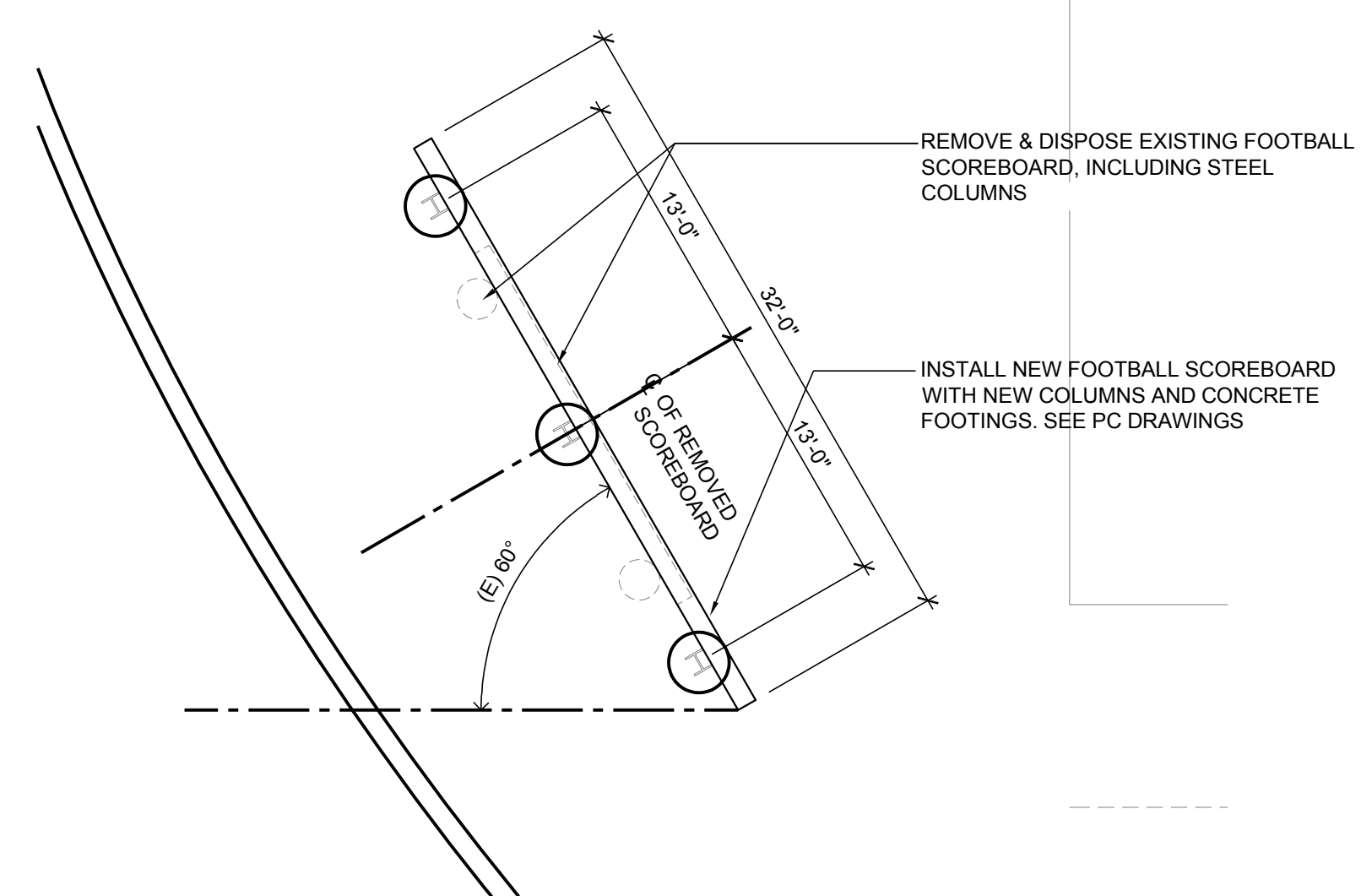
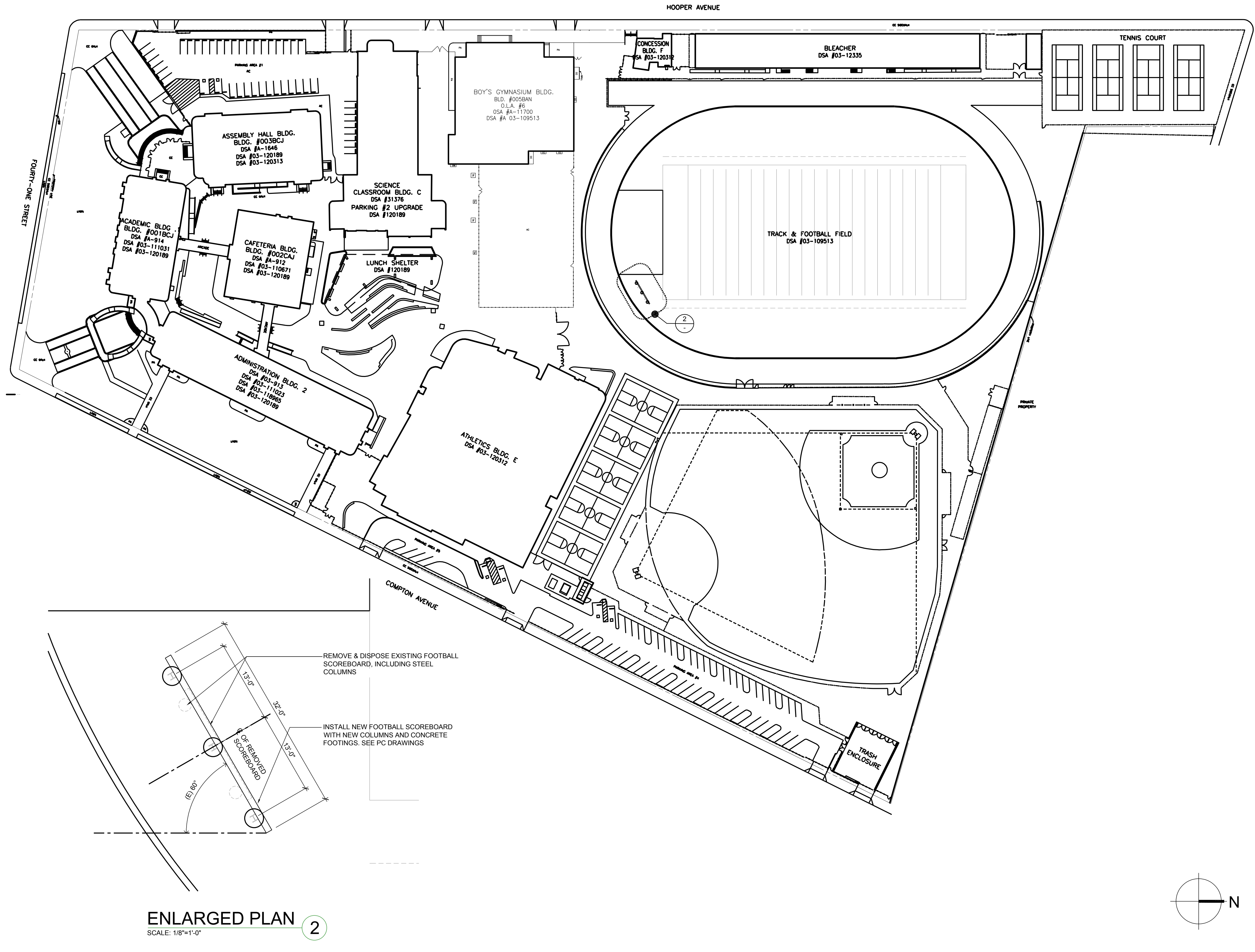
REGISTERED PROFESSIONAL ENGINEER  
 ALTA CARAVALLO  
 No. 4896  
 DATE: 08/04/2024  
 FOR BRANDOW & JOHNSTON

PROJECT NO.: PROJECT ARCH:  
 DRAWN: CHECKED:  
 SHEET NUMBER

**SITE PLAN**

**S-101**

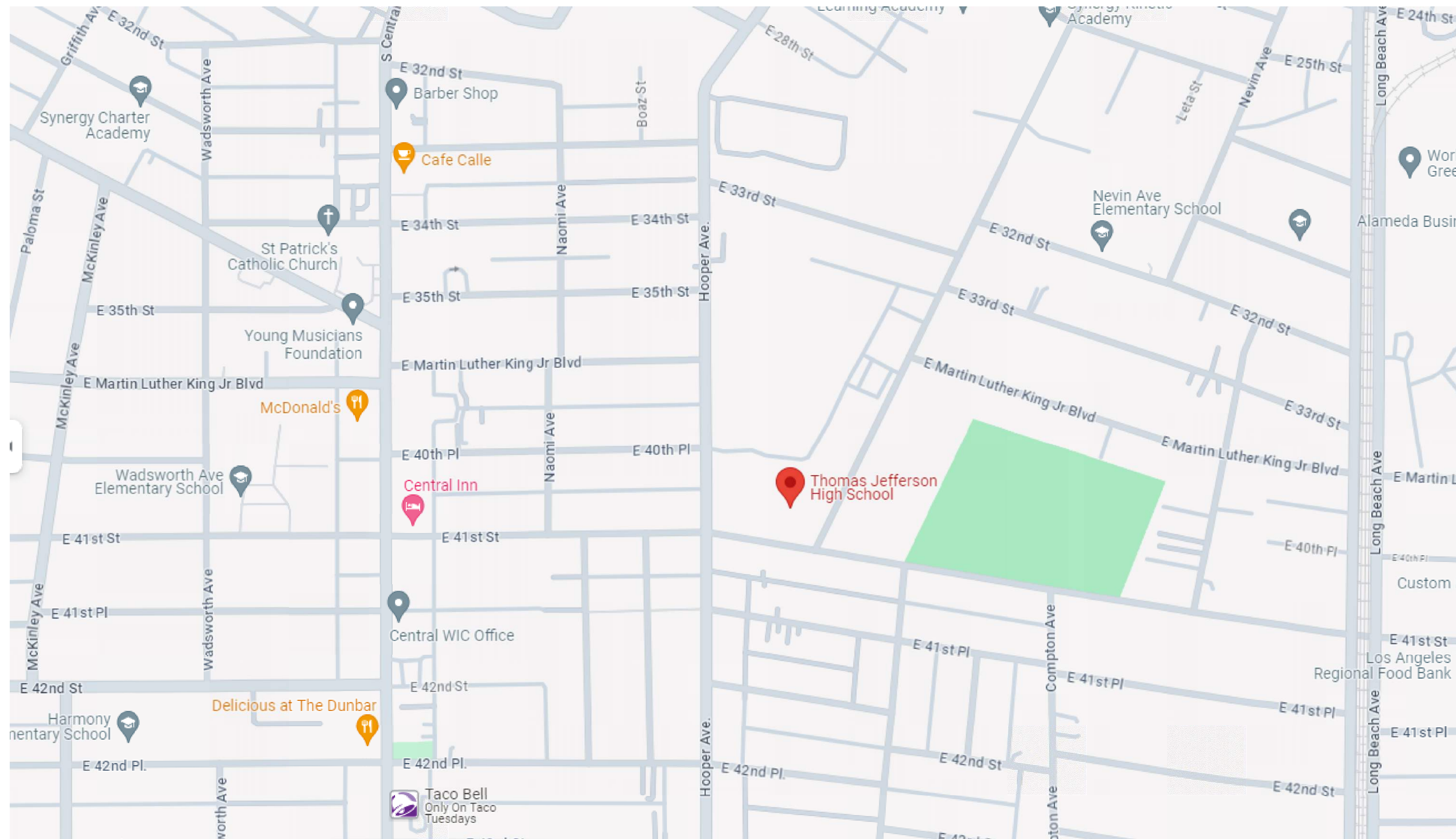
DATE: 03-25-24 SHEET: OF:



**OVERALL SITE PLAN**

SCALE: 1"=60' 1

G:\24\25\10172 - LAUSD - Jefferson HS Scoreboard - 101.dwg - 08/20/24 - 10:16 AM



**GENERAL NOTES AND VICINITY MAP**

**SITE SPECIFIC DESIGN CRITERIA**

- SEISMIC ANALYSIS:  
ANALYSIS AND DESIGN IS IN CONFORMANCE WITH THE PROVISIONS OF THE 2022 CBC, CHAPTER 16A, SECTION 1613A (EARTHQUAKE LOADS) AND ASCE 7-16.
- RISK CATEGORY.....II  
SEISMIC IMPORTANCE FACTOR,  $I_e$ .....1.00  
SITE CLASS.....D  
SHORT-PERIOD SITE COEFFICIENT,  $F_a$ .....1.2  
LONG-PERIOD SITE COEFFICIENT,  $F_v$ .....N/A  
SITE-SPECIFIC SPECTRAL RESPONSE ACCELERATION,  $S_s$ .....1.861 g  
SITE-SPECIFIC SPECTRAL RESPONSE ACCELERATION,  $S_1$ .....0.661 g  
DESIGN SPECTRAL RESPONSE ACCELERATION,  $S_{DS}$ .....1.489 g  
DESIGN SPECTRAL RESPONSE ACCELERATION,  $S_{D1}$ .....N/A  
BASIC SEISMIC FORCE RESISTING SYSTEM.....SIGNS AND BILLBOARDS PER ASCE 7-16, CHAPTER 15  
RESPONSE MODIFICATION FACTOR (R).....3.0  
OVERSTRENGTH FACTOR ( $\Omega_e$ ).....1.75
- WIND ANALYSIS  
ANALYSIS AND DESIGN IS IN CONFORMANCE WITH THE PROVISIONS OF THE 2022 CBC, CHAPTER 16A, SECTION 1609A (WIND LOADS) AND ASCE 7-16.  
BASIC DESIGN WIND SPEED.....95 MPH  
WIND EXPOSURE.....C  
RISK CATEGORY.....II
- FLOOD ZONE X
- FOUNDATION DESIGN BASED ON 2022 CBC TABLE 1806A.2  
LATERAL BEARING PRESSURE = 100 PSF/FT  
(THIS VALUE IS INCREASED PER CBC SECTION 1806A.3.4 FOR POLE FOOTING DESIGN)
- CONCRETE 28-DAY COMPRESSIVE STRENGTH = 4,500 PSI (PER PC DRAWINGS)

DIVISION OF THE STATE ARCHITECT

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 03-124612 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/20/2024

DSA #03-124612 FILE #19-H16

LOS ANGELES UNIFIED  
READY FOR THE WORLD

**LOS ANGELES UNIFIED  
SCHOOL DISTRICT**

**M&O - A/E SERVICES  
FACILITIES SERVICES DIVISION**  
333 S. BEAUDRY AVENUE, 22ND FLOOR  
LOS ANGELES, CALIFORNIA 90017  
TEL: (213)241-3952  
EMAIL: HERRICK.AU@LAUSD.NET

PROJECT TITLE AND SCHOOL LOCATION

**FOOTBALL  
SCOREBOARD  
UPGRADE**

**COLIN # 10373386**

**JEFFERSON  
HIGH SCHOOL**

COMMISSIONED ARCHITECT

CONSULTANT

STRUCTURAL-CIVIL ENGINEERS  
700 FLOWER STREET, SUITE 1200  
LOS ANGELES, CALIFORNIA 90017  
T: (213) 696-4500 WWW.BJSCE.COM  
JOB#:

STAMPS/SEALS

DATE: 08/14/2024  
FOR BRANDOW & JOHNSTON

△  
△  
△  
△

**GENERAL NOTES  
AND VICINITY MAP**

PROJECT NO.: PROJECT ARCH:  
DRAWN: CHECKED:  
SHEET NUMBER  
**S-102**  
DATE: 03-25-24 SHEET: OF:

## GENERAL NOTES

- CONSULT WITH THE DISTRICT'S ELECTRICAL INSPECTOR BEFORE STARTING WORK.
- VERIFY EXISTING SITE CONDITIONS BEFORE SUBMITTING BID.
- ALL EXPOSED CONDUITS AND BOXES SHALL BE PAINTED TO MATCH THE SURFACES WHERE INSTALLED.
- WHERE EXISTING STRUCTURAL WALLS ARE CORED FOR NEW CONDUIT RUNS, SEPARATION BETWEEN CORE HOLES SHALL BE THREE INCHES FROM NEW OR EXISTING HOLES.
- REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND EQUIPMENTS APPROVED FOR USE UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORKING CONDITIONS AND THE EXACT NATURE AND EXTENT TO THE WORK TO BE DONE, TAKING INTO ACCOUNT ANY SPECIAL OR UNUSUAL FEATURES PARTICULAR TO THIS JOB.
- EXACT LOCATION OF ALL EQUIPMENT SHALL BE VERIFIED IN THE FIELD.
- THE CONTRACTOR SHALL EXAMINE ALL CONTRACT PLANS IN ORDER TO LOGICALLY LOCATE WORK IN COORDINATION WITH CONSTRUCTION SUCH AS CABINETS, BEAMS, FURRING, DOOR SWINGS, DUCTS, PIPES, AND CEILING.
- CONDUITS SHALL BE CLEAN OF WATER, DEBRIS, AND OTHER FOREIGN MATERIAL PRIOR TO PULLING CABLES. CONDUIT RUNS ARE SHOWN FOR CIRCUITING PURPOSES ONLY, AND MAY BE VARIED.
- CONDUIT RUNS ARE SHOWN FOR CIRCUITING PURPOSES ONLY, AND MAY BE VARIED.
- ALL WIRE SHALL BE COPPER.
- ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. SHALL BE "UL" LISTED.
- ALL WIRING SHALL BE INSTALLED IN METAL RACEWAY OR CONDUIT.
- ALL CONDUITS PASSING THROUGH WALLS, FLOORS, CEILINGS OR PARTITIONS SHALL BE PROVIDED WITH SLEEVES HAVING INTERNAL DIAMETERS 1" LARGER THAN THE OUTSIDE DIAMETER OF THE INSTALLED CONDUIT AND SEALED.
- ALL OPENINGS AROUND CONDUITS PASSING THROUGH FIRE RATED WALLS, CEILINGS, FLOORS, ETC. SHALL BE PACKED AND SEALED TO CONFORM WITH THE FIRE RATING OF THE PENETRATED STRUCTURE.
- ENCLOSE OUTLET BOXES IN FIRE RATED WALLS WITH FIRE-PROOFING MATERIAL TO MEET THE FIRE RATING OF THE WALL WHERE THE OUTLET BOX IS BEING INSTALLED.
- CONTRACT IS TO MINIMIZE THE INSTALLATION OF RACEWAYS ON CEILING. MEET THE FIRE RATING OF THE WALL WHERE THE OUTLET BOX IS BEING INSTALLED.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-342, PART 1, TITLE 24, CCR.
- A "DSA CERTIFIED" CLASS 3 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- 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)
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
- TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION.
- SUBMIT RFIs TO DESIGN TEAM IN CASE OF INCONSISTENCIES BETWEEN APPROVED DRAWINGS AND APPROVED SPECIFICATIONS IN THE DESCRIPTIONS OF WORK TO BE DONE. EQUIPMENT TO BE PROVIDED OR MATERIAL TO BE USED, IT SHALL BE THAT THE MORE STRINGENT, THE MORE RESTRICTIVE, THE HIGHER QUALITY, AND THE GREATER QUANTITY OF WORK SHALL APPLY. SUBMIT REVISED DRAWINGS OR SPECIFICATIONS AS RESULT OF SUCH RFIs TO DSA VIA CCD'S IF REQUIRED BY IR A-6.
- ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
- THE PROJECT INSPECTION (PI) SHALL WITNESS AND VERIFY GROUNDING.

## SCOPE OF WORK

REPLACE (E) FOOTBALL SCOREBOARD WITH (N) ELECTRONIC SCOREBOARD. REUSE EXISTING CONDUIT ROUTING TO INSTALL NEW WIRES FOR CONNECTION. PROVIDE WIRELESS CONTROL CONSOLE. COORDINATION MUST BE DONE WITH ANOTHER PROJECT (03-120312) THAT IS ONGOING IN SAME AREA AS THIS PROJECT.

## ELECTRICAL SYMBOL LIST

---	EXPOSED SURFACE CONDUIT
---	CONDUIT CONCEALED IN WALL OR CEILING (3/4" U.O.N)
---	CONDUIT BELOW FLOOR OR GRADE, OR IN SLAB (SIZE AS NOTED ON PLAN)
CB	CIRCUIT BREAKER
□	SURFACE MOUNTED ELECTRICAL PANEL
○	JUNCTION BOX
⊥	GROUND ROD
Ⓜ	WALL-MOUNTED, WEATHERPROOF, EXTERIOR PULL BOX (NEMA 3R)
Ⓜ	TRANSMITTER ANTENNA FOR MARQUEE
□	DISCONNECT SWITCH

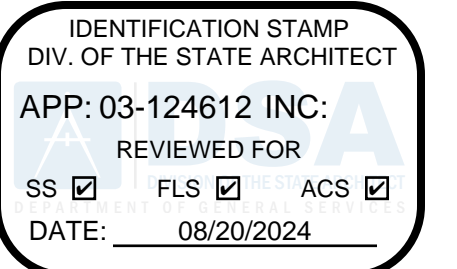
## STANDARD ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR	J.BOX	JUNCTION BOX
A.F.G.	ABOVE FINISHED GRADE	LADWP	LOS ANGELES DEPARTMENT OF WATER AND POWER
A OR AMP	AMPERES	N.I.C.	NOT IN CONTRACT
BKR.	BREAKER	NRTL	NATIONALLY RECOGNIZED TESTING LAB
BC	BARE COPPER	PH OR Ø	PHASE
	CONDUIT	R	EXISTING TO BE REMOVED
CB	CIRCUIT BREAKER	SW.	SWITCH
CKT.	CIRCUIT	TYP.	TYPICAL
C.O.	CONDUIT ONLY	UG	UNDERGROUND
	EXISTING TO REMAIN	U.O.N.	UNLESS OTHERWISE NOTED
ER	EXISTING TO BE REPLACED WITH NEW	WP W.P.	WEATHERPROOF

## DEMOLITION KEYNOTES

- LOCATION OF (E) FOOTBALL SCOREBOARD AND DISCONNECT SWITCH TO BE REMOVED.
- (E) 1" C-#10, 1#10 GND.
- (E) PANEL "B" LOCATED IN BOY'S LOCKER ROOM.

DIVISION OF THE STATE ARCHITECT



DSA #03-124612 FILE #19-H16



## LOS ANGELES UNIFIED SCHOOL DISTRICT

**M&O - A/E SERVICES**  
**FACILITIES SERVICES DIVISION**  
 333 S. BEAUDRY AVENUE, 22ND FLOOR  
 LOS ANGELES, CALIFORNIA 90017  
 TEL: (213) 241-3952  
 EMAIL: HERRICK.AU@LAUSD.NET

PROJECT TITLE AND SCHOOL LOCATION

### FOOTBALL SCOREBOARD UPGRADE

COLIN #10373386

### JEFFERSON HIGH SCHOOL

1319 EAST 41ST STREET  
 LOS ANGELES, CA 90011

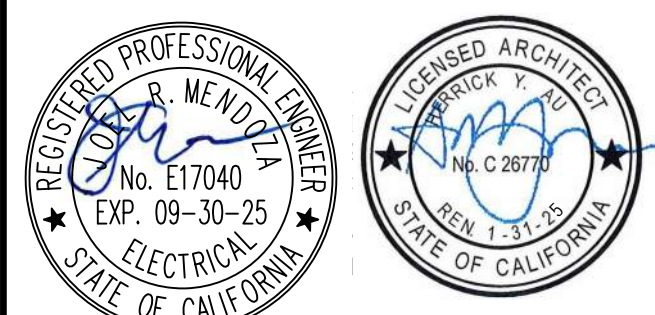
COMMISSIONED ARCHITECT

## CONSTRUCTION KEYNOTES

- REMOVE (E) SCOREBOARD AND DISCONNECT SWITCH REPLACE WITH NEW ELECTRONIC SCOREBOARD. COORDINATE ALL CONNECTIONS, GROUNDING PER MANUFACTURER'S REQUIREMENTS.
- PROVIDE (N) 30AS/15AF/1P NON-FUSED HEAVY DUTY DISCONNECT SWITCH (NEMA 3R). EXTEND (N) 1" C FROM (E) CONDUIT TO DISCONNECT SWITCH.
- (N) GROUND ROD. PROVIDE (N) 3/4"C-1#12 GROUND TO SCOREBOARD.
- REMOVE (E) WIRES AND RUN (N) 2#6, 1#12 GND WIRES IN (E) 1" C FROM SCOREBOARD TO PANEL "B" (L = 288", VOLTAGE DROP WITH 15A LOAD @ 120V = 2.96%).
- IF POSSIBLE, REUSE (E) BREAKER FEEDING SCOREBOARD. IF (E) BREAKER IS NOT USEABLE, PROVIDE (N) 15A/1P BREAKER, A/C TO MATCH EXISTING. UPDATE PANEL SCHEDULE TO REFLECT CHANGES.

CONSULTANT

STAMPS/SEALS



SHEET TITLE:

### ELECTRICAL PARTIAL SITE PLAN

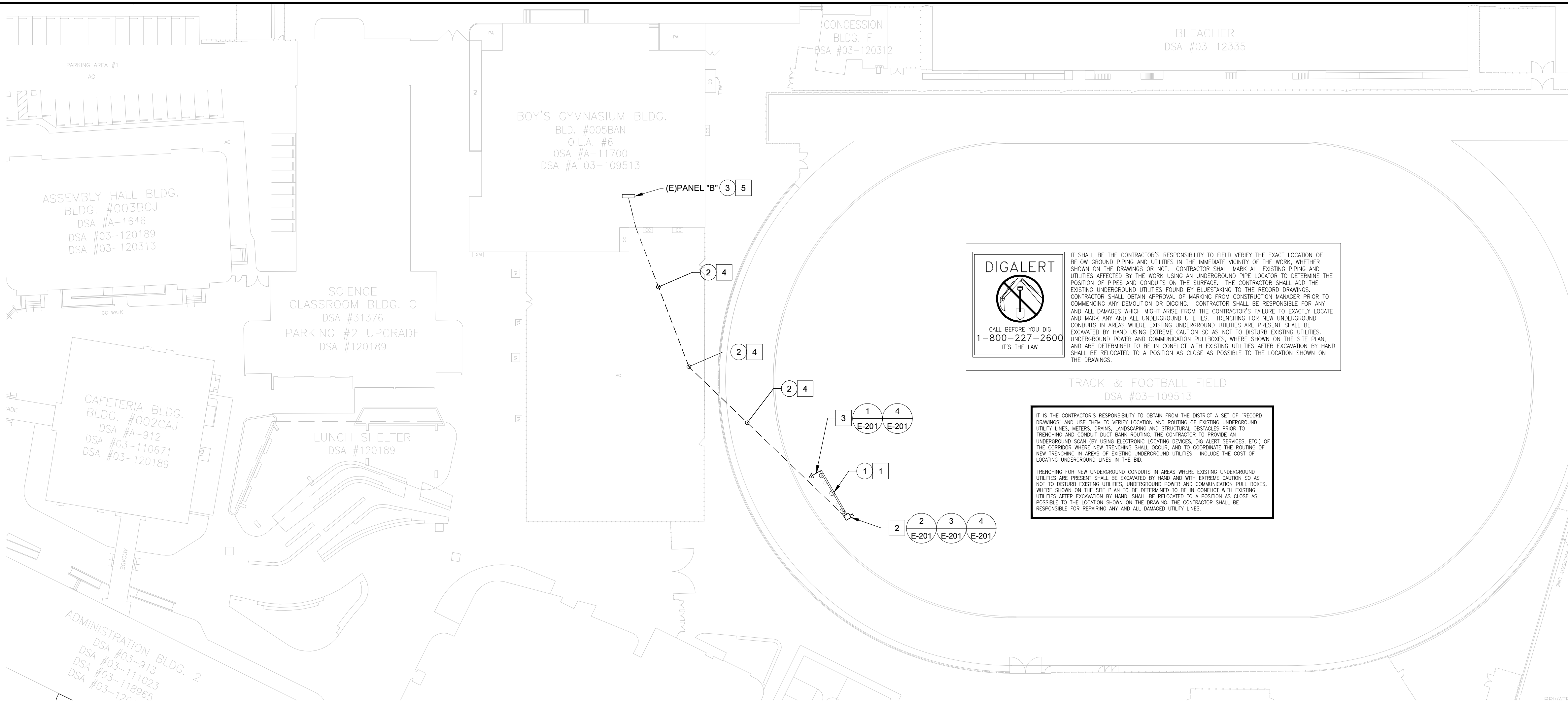
COLIN NO.: 10373386 PROJECT ARCH: LM

DRAWN: MI CHECKED: JM

SHEET NUMBER

# E-101

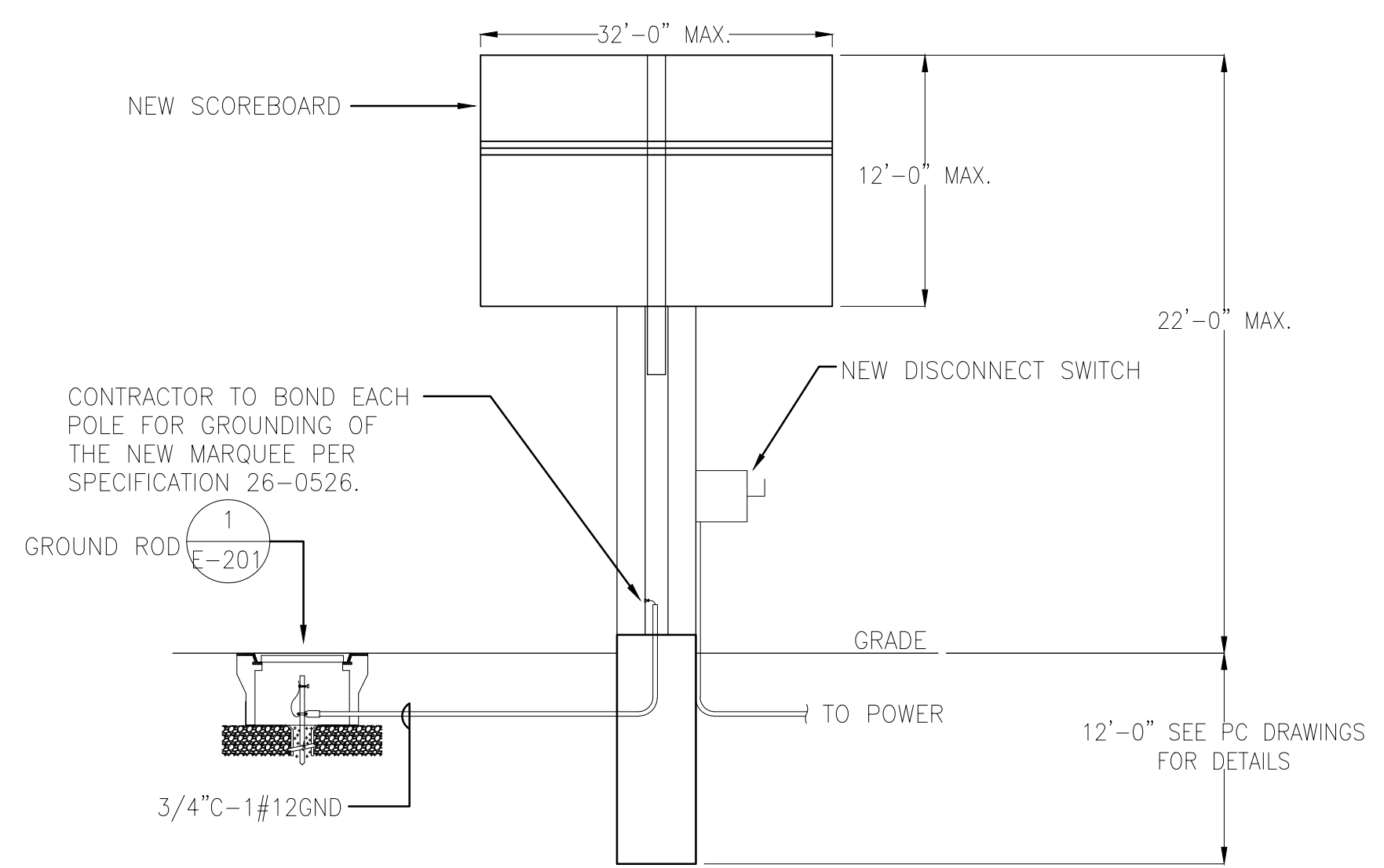
DATE: 08-13-2024 SHEET: 000 OF: 000



## ELECTRICAL PARTIAL SITE PLAN

SCALE: 1" = 40'

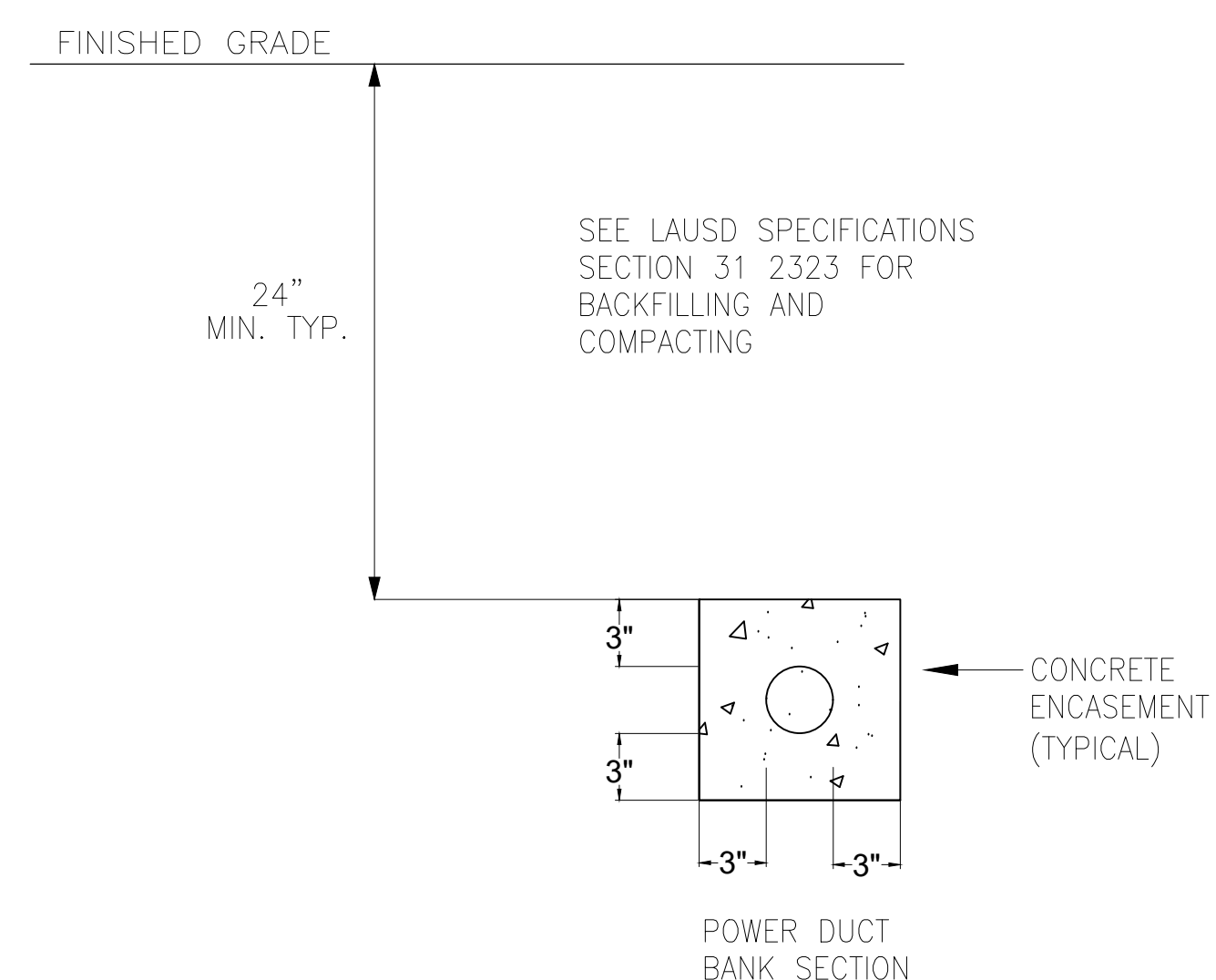
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GROUNDING FOR NEW SCOREBOARD DETAIL

SCALE: NTS

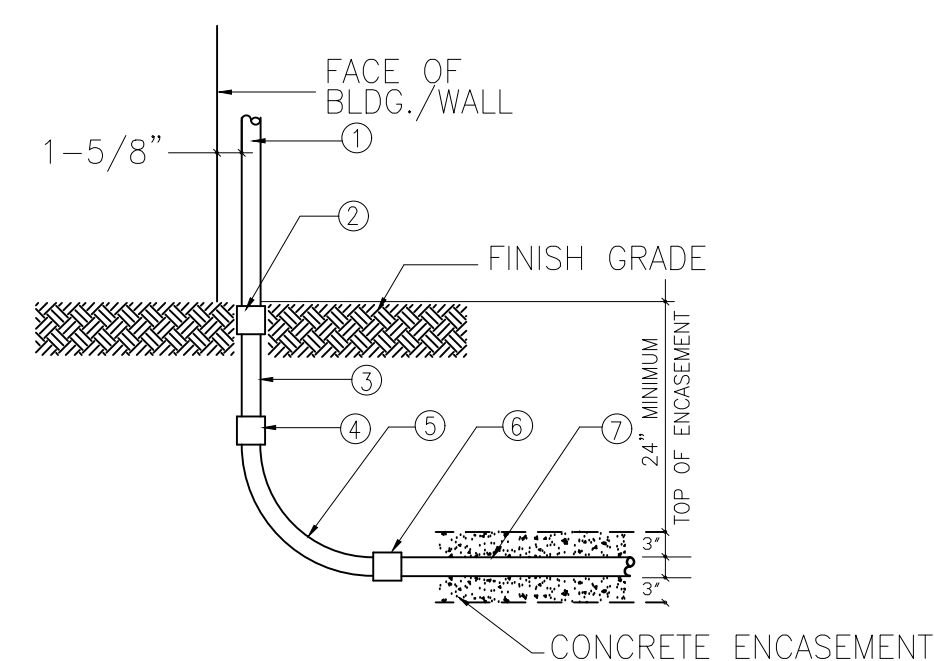
4



TRENCHING DETAIL

SCALE: NTS

2



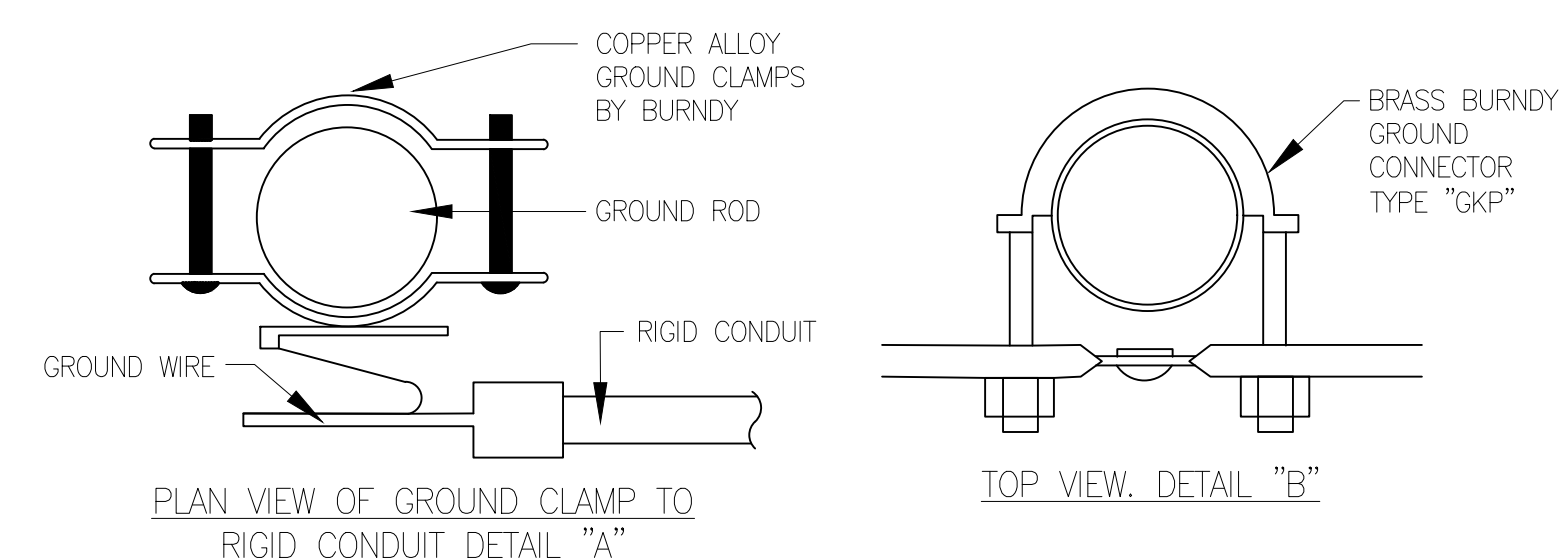
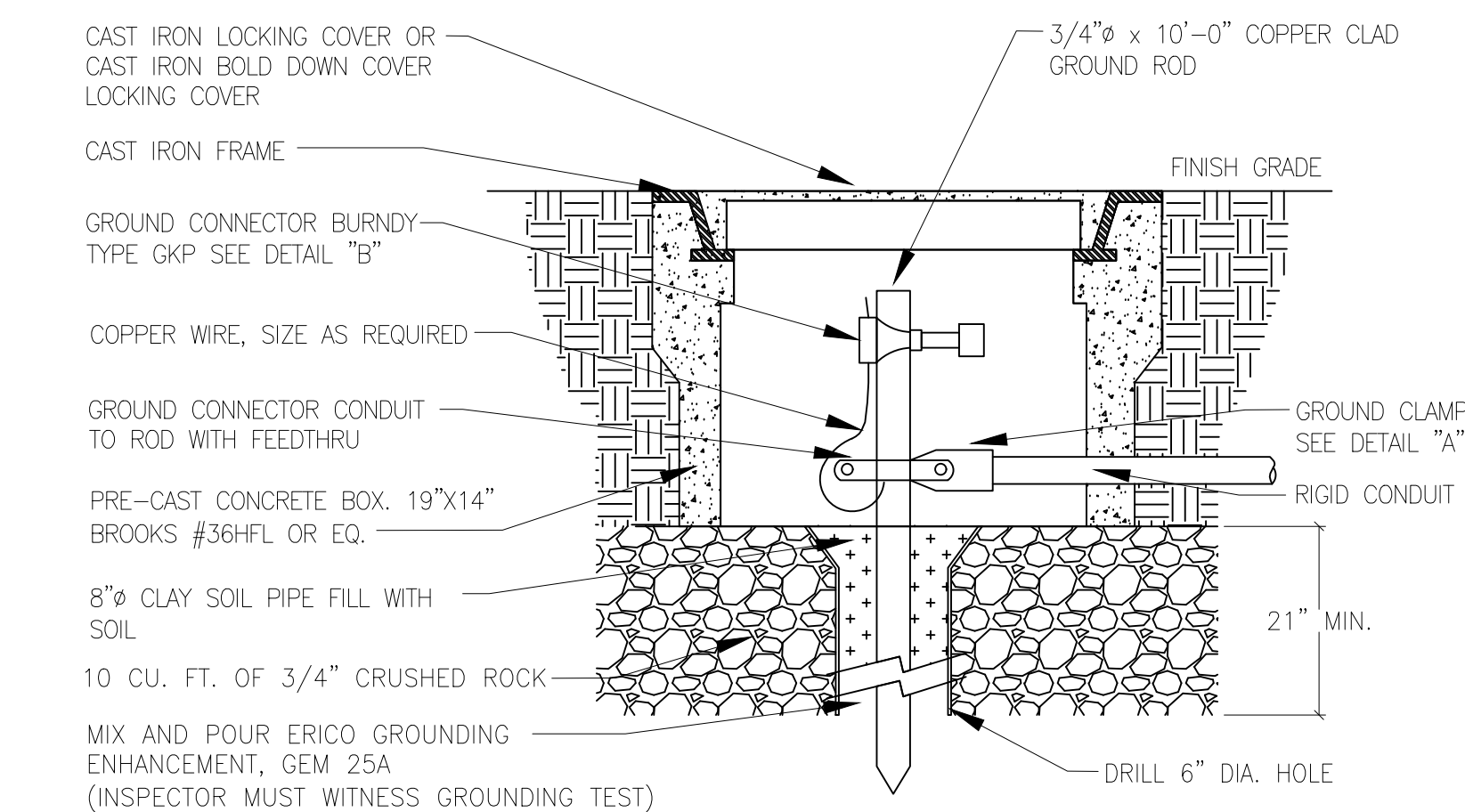
1. RIGID METAL CONDUIT NIPPLE-IF REQUIRED TO TERMINATE IN PULLBOX.
2. RIGID METAL COUPLING, TOP TO 1/2" TO 2" BELOW FINISH GRADE.
3. RIGID METAL NIPPLE.
4. RIGID METAL COUPLING.
5. RIGID METAL ELBOW (90 DEG. FACTORY BEND).
6. P.V.C. TO RIGID METAL FEMALE ADAPTER.
7. P.V.C. CONDUIT - SIZE PER PLAN.
8. ALL GALVANIZED RIGID CONDUIT INSTALLED BELOW GRADE SHALL BE WRAPPED IN 10 MIL TAPE. BENDS AT RISERS AND RISERS SHALL BE PVC-COATED RIGID STEEL CONDUIT, PER LAUSD SPECIFICATION 26 0533, 3.01(B)(6)

UNDERGROUND RISER DETAIL

SCALE: NTS

3

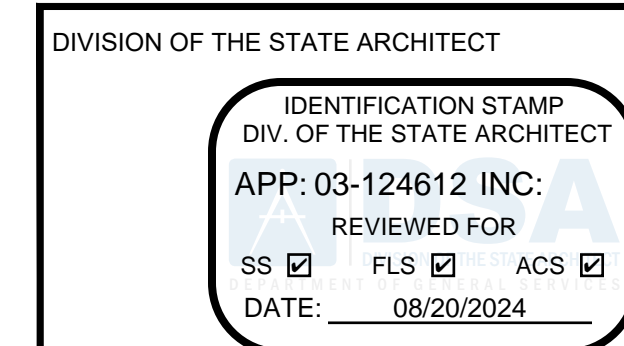
NOTE: PROVIDE ADDITIONAL GROUND RODS IN CONCRETE BOXES 72" O.C. AS NEEDED TO MEET 25 OHM REQUIREMENT EXTENDING SAME CONDUIT AND WIRE AND USING SAME CLAMPS. 25 OHM RESISTANCE TO GROUND MAXIMUM SHALL BE PROVIDED USING GROUND RODS ONLY, PRIOR TO THE CONNECTION OF CONDUIT AT ROD OR PANEL OR OTHER GROUND PATH.



GROUND ROD, PRE-CAST CONCRETE GROUND BOX

SCALE: NTS

1



DSA #03-124612 FILE #19-H16



LOS ANGELES UNIFIED SCHOOL DISTRICT

M&O - A/E SERVICES  
FACILITIES SERVICES DIVISION  
333 S. BEAUDRY AVENUE, 22ND FLOOR  
LOS ANGELES, CALIFORNIA 90017  
TEL: (213) 241-3952  
EMAIL: HERRICK.AU@LAUSD.NET

PROJECT TITLE AND SCHOOL LOCATION

FOOTBALL SCOREBOARD UPGRADE

COLIN #10373386

JEFFERSON HIGH SCHOOL

1319 EAST 41ST STREET  
LOS ANGELES, CA 90011

COMMISSIONED ARCHITECT

CONSULTANT

STAMPS/SEALS



SHEET TITLE:

ELECTRICAL DETAILS

COLIN NO.: 10373386 PROJECT ARCH: LM

DRAWN: MI CHECKED: JM

SHEET NUMBER

E-201

DATE: 08-13-2024 SHEET: 000 OF: 000

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

Application Number: School Name: School District:  
 04-122194 No Check: Daktronics, Inc.  
 DSA File Number: Increment Number: Date Created: 2023-04-20 22:42:50

2022 CBC

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

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

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

DIVISION OF THE STATE ARCHITECT DGS DSA 103-22 (Revised 12/01/2022) DEPARTMENT OF GENERAL SERVICES Page 1 of 17 STATE OF CALIFORNIA

THE REST OF THE DSA 103 FORM CONTINUES ON SHEETS 2 & 3.

CHECKLIST OF DESIGN PARAMETERS:

- RISK CATEGORY: II
- WIND SPEED: 100 MPH OR 130 MPH, AS SELECTED FROM TABLES 8 THRU 10
- ALL CONNECTIONS AND MOUNTING DETAILS DESIGNED FOR 130MPH.
- EXPOSURE: C
- $K_{z1} = 1.0, K_{z2} = 0.85, g = 0.85$
- LATERAL FORCE-RESISTING SYSTEM: SIGNS & BILLBOARDS
- ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE
- SEISMIC DESIGN CATEGORY: E
- SEISMIC IMPORTANCE FACTOR:  $I_e = 1.0$
- SITE CLASS: D (E & F ARE NOT ALLOWED)
- $S_s = 3.00$
- $S_1 = 1.50$
- SDS: 2.00
- SD1: 1.70
- $F_y = 1.7$
- $F_a = 1.0$
- $R = 3.0$
- $C_e = 0.67$
- DESIGN BASE SHEAR:  $V = 0.67W$
- IF PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED AND SIGNED FROM A SOILS ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN THIS PC ARE STILL APPLICABLE.
- GEHAZARD REPORTS ARE NOT REQUIRED FOR NON-BUILDING FREESTANDING SIGN AND SCOREBOARD STRUCTURES. REF. IR A-4
- CUT SHEETS FOR MANUFACTURED EQUIPMENT ARE REQUIRED.
- THERE ARE NO APPLICABLE FIRE, LIFE SAFETY, OR ENERGY/CLIMATE DESIGN PARAMETERS.

- SHEET 1: SCOREBOARD PC COVER SHEET
- SHEET 2: DSA 103 SPECIAL INSPECTION FORM
- SHEET 3: DSA 103 SPECIAL INSPECTION FORM (CONT.)
- SHEET 4: EQUIPMENT MOUNTING DETAILS (WITHOUT VIDEO DISPLAY)
- SHEET 5: EQUIPMENT MOUNTING DETAILS (WITH VIDEO DISPLAY)
- SHEET 6: DECORATIVE ACCENT TRUSS LAYOUT
- SHEET 7: SPORTSGROUND 500' ATTACHMENT DETAILS
- SHEET 8: SPORTSGROUND 1500' HD MOUNTING DETAILS
- SHEET 9: TWO-COLUMN STRUCTURE DETAILS WITH PIER FOUNDATIONS
- SHEET 10: THREE-COLUMN STRUCTURE DETAILS WITH PIER FOUNDATIONS
- SHEET 11: SPORTSGROUND 1500' HD SINGLE-POLE MOUNTING

DRAWING INDEX

SCOPE: CONSTRUCTION OF 2- OR 3-COLUMN STRUCTURES FOR USE WITH DAKTRONICS SIGNS.

INSPECTOR OF RECORD, CLASS 2

PRECHECK DRAWING CHANGES:  
 CHANGES IN THE PLANS AND SPECIFICATION SHALL BE MADE BY REVISION DOCUMENTS APPROVED BY DSA. (2022 CALIFORNIA ADMINISTRATIVE CODE SECTION 4-338)

SITE SPECIFIC ARCHITECTURAL DRAWING CHANGES:

ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) CHANGES TO THE APPROVED DRAWING AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF STATE ARCHITECTS, AS REQUIRED BY SECTION 4-338 PART 1 TITLE 24 CCR.

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT, OWNER AND APPROVED BY THE DIVISION OF STATE ARCHITECTS SHALL PROVIDE SPECIAL INSPECTION OF THE WORK, THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24 CODE.

TITLE 24 CODES

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC).....	(PART 1, TITLE 24 CCR)
2022 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2.....	(PART 2, TITLE 24 CCR)
2022 CALIFORNIA ELECTRICAL CODE.....	(PART 3, TITLE 24 CCR)
2022 CALIFORNIA MECHANICAL CODE (CMC).....	(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 (CFC).....	(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)

REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS

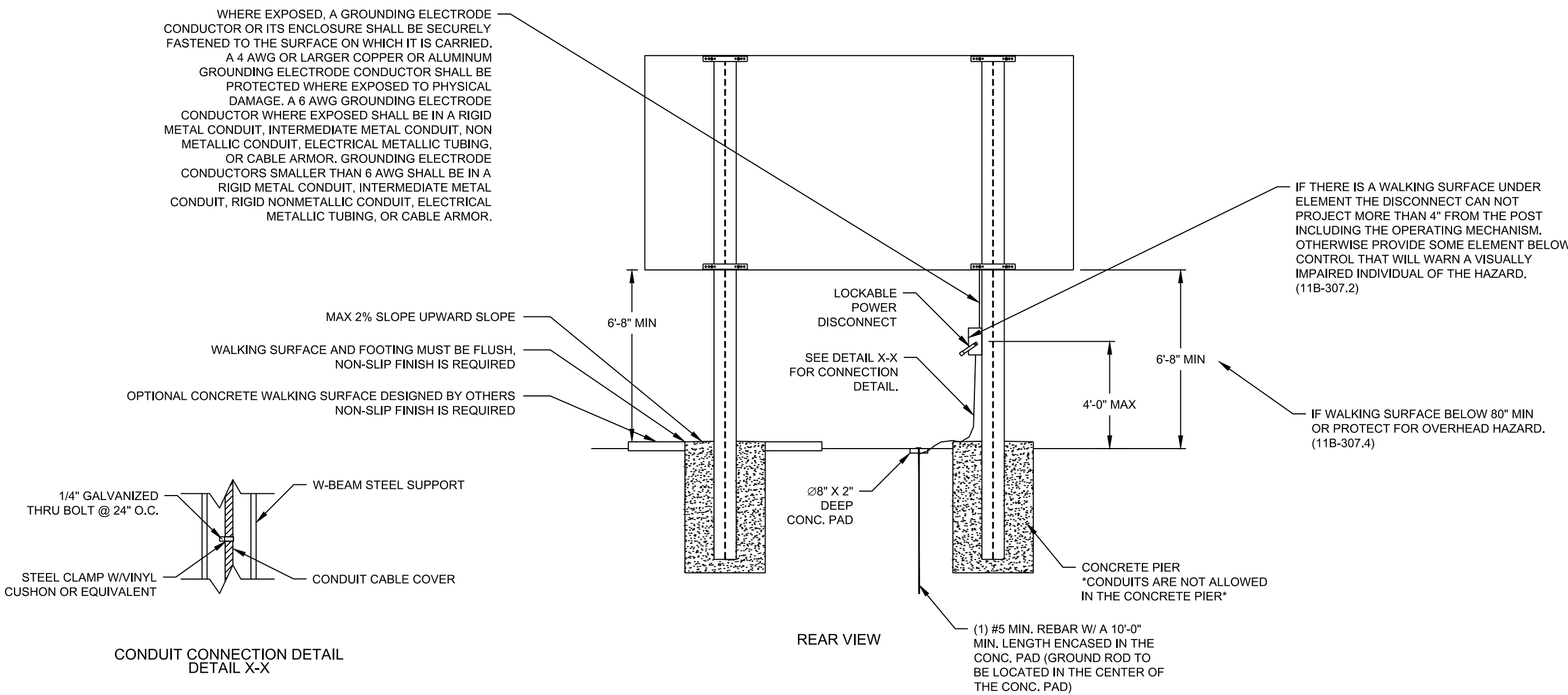
- 2022 CBC, CHAPTER 15
- 2022 CFC, CHAPTER 80

GENERAL REQUIREMENTS

THE ARCHITECT OR STRUCTURAL ENGINEER IN GENERAL RESPONSIBLE CHARGE SHALL SIGN AND SEAL ALL DRAWINGS AND SPECIFICATIONS.

GENERAL / CODE INFORMATION

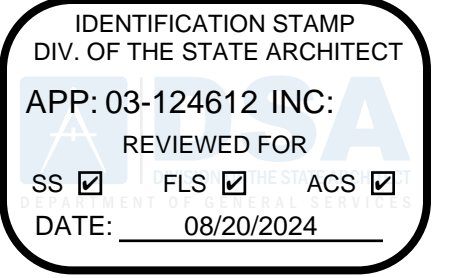
- ALUMINUM: ALL ALUMINUM MEMBER GRADE 6061-T6 (UNLESS NOTED OTHERWISE) CORROSION RESISTANT MATERIAL SHALL BE PROVIDED BETWEEN FERROUS METAL (STEEL) AND NON-FERROUS METAL (ALUMINUM).
- STEEL: DESIGN AND FABRICATION IN ACCORDANCE WITH AISC-ASD, 15th EDITION. WIDE FLANGE SHAPES ASTM A992 ( $F_y = 50$  ksi) BOLTS SS304 F593C CW1,  $F_u = 100$  KSI OR A325 WITH CORROSION-PREVENTITIVE COATING THAT DEMONSTRATED NO MORE THAN 2% 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 AND GALVANIZED HARDWARE IS NOT COMPATIBLE WITH ALL MANUFACTURED EQUIPMENT. REINFORCING STEEL ASTM 615, GRADE 60 ( $F_y = 60$  ksi) HSS SHAPES ASTM A500 OR C ( $F_y = 50$  ksi) STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED (MINIMUM ASTM A123 OR A153 CLASS D, AS APPLICABLE) OR PAINTED WITH ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM.
- WELDING: DESIGN AND FABRICATION ACCORDING TO AWS D1.1, CURRENT EDITION, AWS CERTIFICATION REQUIRED FOR ALL STRUCTURAL WELDERS. E70XX ELECTRODES FOR SMAW PROCESSES F7X-EXXX ELECTRODES FOR SAW PROCESSES PROVIDE PERIODIC SPECIAL INSPECTION FOR FIELD WELDING PER 2022 CBC, TABLE 1705A.2.1
- CONCRETE: DESIGN AND CONSTRUCTION ACCORDING TO ACI 318-19. TYPE V CEMENT, MAXIMUM WATER-TO-CEMENT RATIO = 0.45 COMPRESSIVE STRENGTH AT 28 DAYS ( $f_c$ ) = 4500 PSI, MIN. CONTINUOUS BATCH PLANT INSPECTION NOT REQUIRED. PROVIDE SLOPE AWAY FROM BASE OF SUPPORTS. CONCRETE POURED INTO CONSTRAINED EARTH EXCAVATIONS MUST CURE UNDER PROPER CONDITIONS FOR 4 DAYS PRIOR TO SIGN CABINET INSTALLATION. EXCEPTION: IF THE OVERALL HEIGHT OF THE SIGN IS LESS THAN 20 FEET ABOVE GRADE AND THE SIGN POLE IS ADEQUATELY BRACED AGAINST WIND LOADS FOR A MINIMUM OF 4 DAYS, THE SIGN CABINET MAY BE INSTALLED THE SAME DAY THE FOOTING IS POURED.
- SOILS: SOIL PASSIVE PRESSURE BASED ON 2022 CBC, TABLE 1806A.2, CLASS 5. LATERAL BEARING PRESSURE = 100 PSF/FT (THIS VALUE IS INCREASED IN THE CALCULATIONS PER CBC SECTION 1806A.3.4 FOR POLE FOOTING DESIGN) INSPECTOR OF RECORD (IR) SHALL PROVIDE INSPECTION OF SOILS PER TEST AND INSPECTION FORM DSA-103. (IF SOFT OR SANDY SOIL, COLLAPSING OR UNSTABLE SOIL, CORROSIVE SOIL, ORGANIC MATERIALS OR GROUNDWATER ARE ENCOUNTERED, IMMEDIATELY CONTACT THE ARCHITECT OR ENGINEER OF RECORD FOR ADDITIONAL FOUNDATION REQUIREMENTS.)
- TESTING & QUALITY CONTROL: UNLESS NOTED OTHERWISE, CONCRETE MATERIALS SHALL CONFORM TO CHAPTER 19A. SPECIAL INSPECTIONS AND TESTS SHALL BE REQUIRED PER TABLE 1705A.3. FOUNDATION INSPECTION SHALL BE REQUIRED PER 1705A.6. STEEL SPECIAL INSPECTION AND TESTS SHALL BE REQUIRED PER TABLE 1705A.2.1.
- NOTES: SIGN CABINETRY SHALL BE FABRICATED TO PROVIDE ISOLATION OF DISSIMILAR MATERIALS. DAKTRONICS HAS DESIGNED THE DISPLAY COMPONENTS AND THEIR MOUNTING PER CBC 2022 AND THEY ARE IN COMPLIANCE WITH THE CURRENT CODES.



NOTE:  
 ALL DISPLAYS MUST BE GROUNDED PER ARTICLE 250 AND 600 OF THE CALIFORNIA ELECTRICAL CODE WITH NO MORE THAN 10 OHMS GROUND RESISTANCE.

GROUNDING DETAIL

CONSTRUCTION SPECIFICATIONS



PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

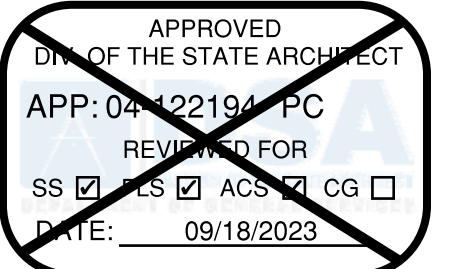


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08/07/2023

STRUCTURAL ENGINEER OF RECORD



PROJECT-SPECIFIC APPROVALS

Quote: 836445-1-0

PRE-CHECK (PC) DOCUMENT  
 Code: 2022 CBC  
 A separate project application for construction is required.

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

Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

2022 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing.

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

KEY TO COLUMNS

Table with 2 columns: 1. TYPE, 2. PERFORMED BY. Rows include Continuous, Periodic, and Test inspection types and their corresponding performance requirements.

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DGS DSA 103-22 (Revised 12/01/2022) Page 1 of 17

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

Table 1705A.6, Table 1705A.7, Table 1705A.8
Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

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

Table S1. GENERAL: Test or Special Inspection. Includes rows for soil testing and verification of materials.

Table S2. SOIL COMPACTION AND FILL: Test or Special Inspection. Includes rows for soil compaction and fill testing.

Table S3. DRIVEN DEEP FOUNDATIONS (PILES): Test or Special Inspection. Includes rows for pile material verification and capacity testing.

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

Table 1705A.6, Table 1705A.7, Table 1705A.8
Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes rows for driving operations, pile locations, steel piles, and concrete piles.

Table S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS): Test or Special Inspection. Includes rows for drilling operations, pier locations, and concrete piers.

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DGS DSA 103-22 (Revised 12/01/2022) Page 3 of 17

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

Table 1705A.6, Table 1705A.7, Table 1705A.8
Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

Table S5. RETAINING WALLS: Test or Special Inspection. Includes rows for placement, soil reinforcement, segmental retaining walls, and masonry retaining walls.

Table S6. OTHER SOILS: Test or Special Inspection. Includes rows for soil improvements and soil inspection.

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

Table 1705A.3, ACI 318-19 Sections 26.12 & 26.13
Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

Table C1. CAST-IN-PLACE CONCRETE: Test or Special Inspection. Includes rows for design mix verification, reinforcing steel testing, concrete strength testing, and batch plant inspection.

Table C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1): Test or Special Inspection. Includes rows for prestressing tendons and placement inspection.

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

Table 1705A.3, ACI 318-19 Sections 26.12 & 26.13
Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes rows for in-situ concrete strength and post-tensioning inspection.

Table C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1): Test or Special Inspection. Includes rows for precast members, erection, and diaphragm connections.

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

Table 1705A.3, ACI 318-19 Sections 26.12 & 26.13
Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

Table C4. SHOTCRETE (IN ADDITION TO SECTION C1): Test or Special Inspection. Includes rows for placement and sample testing.

Table C5. POST-INSTALLED ANCHORS: Test or Special Inspection. Includes rows for installation and post-installed anchors.

Table C6. OTHER CONCRETE: Test or Special Inspection. Includes row for general concrete testing.

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DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

Table 1705A.2.1, Table 1705A.2.1, AISC 360-16, AISC 358-16, AISC 360-16, AISI S100-20, RCSC 2014, AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8
Application Number: 04-122194
School Name: Pre Check
School District: Daktronics, Inc.
Date Created: 2023-04-20 22:42:50

Table S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES: Test or Special Inspection. Includes rows for material identification, testing, and buckling restrained braces.

Table S/A2. HIGH-STRENGTH BOLTS: Test or Special Inspection. Includes rows for identification, high-strength bolts, bearing-type connections, and pretensioned connections.

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DGS DSA 103-22 (Revised 12/01/2022) Page 8 of 17

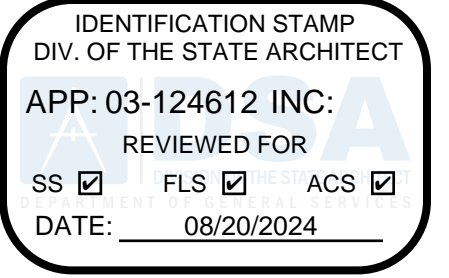
DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

Table 1705A.2.1, Table 1705A.2.1, AISC 360-16, AISC 358-16, AISC 360-16, AISI S100-20, RCSC 2014, AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8
Application Number: 04-122194
School Name: Pre Check
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Date Created: 2023-04-20 22:42:50

Table S/A3. WELDING: Test or Special Inspection. Includes rows for weld filler material, compliance, and WPS qualifications.

Table S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3): Test or Special Inspection. Includes rows for groove welds, fillet welds, and reinforcement steel weldability.

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DGS DSA 103-22 (Revised 12/01/2022) Page 9 of 17



PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

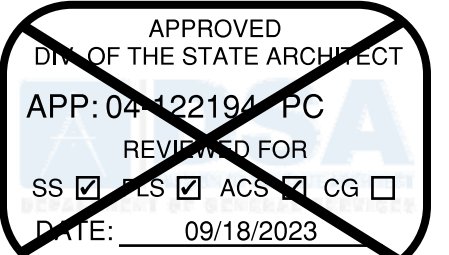


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08/07/2023

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PROJECT-SPECIFIC APPROVALS

PRE-CHECK (PC) DOCUMENT
Code: 2022 CBC
A separate project application for construction is required.

PROJECT: 2022 CBC DSA PRE-CHECK DRAWINGS
TITLE: SHEET 2, DSA 103 SPECIAL INSPECTION FORM
DATE: 8 MAR 23
SCALE: 1/4" = 1'-0"
DRAWN: AKURJEN
CHECKED: SEASTMA
SHEET: 2
REV: A
DO NOT SCALE DRAWING
JOB NO.: P2236
PLACED: F-10-D
5224618

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8  
 Application Number: School Name: School District:  
 04-122194 Daktronics, Inc.  
 DSA File Number: Pre Check Increment Number: Date Created: 2023-04-20 22:42:50

Test or Special Inspection	Type	Performed By	Code References and Notes
S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):			
Test or Special Inspection			
<input checked="" type="checkbox"/> a. Inspect groove welds, multi-pass fillet welds, single-pass fillet welds > 5/16", plug and slot welds.	Continuous	SI	Table 1705A.2.1 Items 5a.1-4; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.
<input checked="" type="checkbox"/> b. Inspect single-pass fillet welds 5/16".	Periodic	SI	Table 1705A.2.1 Item 5a.5; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.
<input type="checkbox"/> c. Inspect end-welded studs (ASTM A-108) installation (including bend test).	Periodic	SI	2213A.2; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.
<input type="checkbox"/> d. Inspect floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3.
<input type="checkbox"/> e. Inspect welding of structural cold-formed steel.	Periodic	SI*	1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S100-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> f. Inspect welding of stairs and railing systems.	Periodic	SI*	1705A.2.1; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> g. Verification of reinforcing steel weldability.	Periodic	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
<input type="checkbox"/> h. Inspect welding of reinforcing steel.	Continuous	SI	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

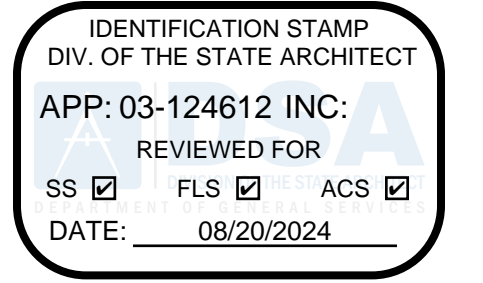
1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8  
 Application Number: School Name: School District:  
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Test or Special Inspection	Type	Performed By	Code References and Notes
S/A6. NONDESTRUCTIVE TESTING:			
Test or Special Inspection			
<input type="checkbox"/> a. Ultrasonic	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
<input type="checkbox"/> b. Magnetic Particle	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
<input type="checkbox"/> c.	Test	LOR	
S/A7. STEEL JOISTS AND TRUSSES:			
Test or Special Inspection			
<input type="checkbox"/> a. Verify size, type and grade for all chord and web members as well as connectors and weld field material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joint.	Continuous	SI	1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only, 1705A.2.4; AWS D1.3 for cold-formed steel trusses.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8  
 Application Number: School Name: School District:  
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Test or Special Inspection	Type	Performed By	Code References and Notes
S/A8. SPRAYED FIRE-RESISTANT MATERIALS:			
Test or Special Inspection			
<input type="checkbox"/> a. Examine structural steel surface conditions, inspect application, take samples, measure thickness and verify compliance of all aspects of application with DSA-approved documents.	Periodic	SI	1705A.15, 1705A.1, 1705A.2, 1705A.3, 1705A.4.
<input type="checkbox"/> b. Test density.	Test	LOR	1705A.15.1, 1705A.15.5, ASTM E736
<input type="checkbox"/> c. Bond strength adhesion/cohesion.	Test	LOR	1705A.15.1, 1705A.15.4, ASTM E605
S/A9. ANCHOR BOLTS AND ANCHOR RODS:			
Test or Special Inspection			
<input type="checkbox"/> a. Anchor Bolts and Anchor Rods	Test	LOR	Sample and test anchor bolts and anchor rods not readily identifiable per procedures noted in DSA IR 17-11.
<input type="checkbox"/> b. Threaded rod not used for foundation anchorage.	Test	LOR	Sample and test threaded rods not readily identifiable per procedures noted in DSA IR 17-11.
S/A10. STORAGE RACK SYSTEMS:			
Test or Special Inspection			
<input type="checkbox"/> a. Materials used to verify compliance with one or more of the material test reports in accordance with the approved construction documents.	Periodic	SI	Table 1705A.13.7
<input type="checkbox"/> b. Fabricated storage rack elements.	Periodic	SI	1704A.2.5, Table 1705A.13.7



PRE-CHECK (PC) DOCUMENT  
 CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.



STRUCTURAL ENGINEER OF RECORD

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8  
 Application Number: School Name: School District:  
 04-122194 Daktronics, Inc.  
 DSA File Number: Pre Check Increment Number: Date Created: 2023-04-20 22:42:50

Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> c. Storage rack anchorage installation.	Periodic	SI	ANSI/MH16.1 Section 7.3.2; Table 1705A.13.7
<input type="checkbox"/> d. Completed storage rack system to indicate compliance with the approved construction documents.	Periodic	SI*	Table 1705A.13.7; * May be performed by the project inspector when specifically approved by DSA.
S/A11. Other Steel			
Test or Special Inspection			
<input type="checkbox"/> a.			

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: School Name: School District:  
 04-122194 Daktronics, Inc.  
 DSA File Number: Pre Check Increment Number: Date Created: 2023-04-20 22:42:50

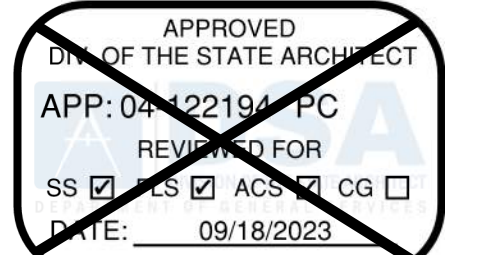
Exempt items given in DSA IR A-22 or the 2019 CBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. Items marked as exempt shall be identified on the approved construction documents. The project inspector shall verify all construction complies with the approved construction documents.

SOILS:			
<input type="checkbox"/> 1. Deep foundations acting as a cantilever footing with a design based on minimum allowable pressures per CBC Table 1805A.2 and without a geotechnical report for the following cases: A) free standing sign or scoreboard, B) cell or antenna towers and poles less than 35'-0" tall (e.g., lighting poles, flag poles, poles supporting open mesh fences, etc.), C) single-story structure with dead load less than 5 psf (e.g., open fabric shade structure), or D) covered walkway structure with an apex height less than 10'-0" above adjacent grade.			
<input type="checkbox"/> 2. Shallow foundations, etc. are exempt from special inspections and testing by a Geotechnical Engineer for the following cases: A) buildings without a geotechnical report and meeting the exception item #1 criteria per CBC Section 1805A.2 supported by native soil (any excavation depth) or fill soil (not exceeding 12" depth per CBC Section 1804A.6), B) soil specification/recompaction not exceeding 12" depth, C) native or fill soil supporting exterior non-structural flatwork (e.g., sidewalks, site concrete ramps, site stairs, parking lots, driveways, etc.), D) unpaired landscaping and playground areas, or E) utility trench backfill.			
CONCRETE/MASONRY:			
<input type="checkbox"/> 1. Post-installed anchors for the following: A) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment - see item 7 for "Welding" in the Appendix below) given in CBC Section 1617A.1.18 (which replaces ASCE 7-16, Section 13.1.4) or B) interior nonstructural wall partitions meeting criteria listed in exempt item 3 for "Welding" in the Appendix below			
<input checked="" type="checkbox"/> 2. Concrete batch plant inspection is not required for items given in CBC Section 1705A.3.3.2 subject to the requirements and limitations in that section.			
<input type="checkbox"/> 3. Non-bearing non-shear masonry walls may be exempt from certain DSA masonry testing and special inspection items as allowed per DSA IR 21-1. Refer to construction documents for specific exemptions accordingly for each applicable wall condition.			
<input type="checkbox"/> 4. Epoxy shear dowels in site flatwork and/or other non-structural concrete.			

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: School Name: School District:  
 04-122194 Daktronics, Inc.  
 DSA File Number: Pre Check Increment Number: Date Created: 2023-04-20 22:42:50

CONCRETE/MASONRY:			
<input type="checkbox"/> 5. Testing of reinforcing bars is not required for items given in CBC Section 1910A.2 subject to the requirements and limitations in that section.			
WELDING:			
<input type="checkbox"/> 1. Solid-clad and open-mesh fences, gates with maximum leaf span of 10', and gates with a maximum rolling section of 10' all having an apex height less than 8'-0" above lowest adjacent grade. When located above circulation or occupied space below, these gates/fences are not located within 1.5x gate/fence height (max 8'-0") to the edge of floor or roof.			
<input type="checkbox"/> 2. Handrails, guardrails, and modular or relocatable ramps associated with walking surfaces less than 30" above adjacent grade (excluding post base connections per the "Exception" language in Section 1705A.2.1); fillet welds shall not be ground flush.			
<input type="checkbox"/> 3. Non-structural interior cold-formed steel framing spanning less than 15'-0", such as in interior partitions, interior soffits, etc. supporting only self weight and light-weight finishes or adhered tile, masonry, stone, or terra cotta veneer no more than 5/8" thickness and apex less than 20'-0" in height and not over an exit way. Maximum tributary load to a member shall not exceed the equivalent of that occurring from a 10'x10' opening in a 15' tall wall for a header or king stud.			
<input type="checkbox"/> 4. Manufactured support frames and curbs using hot rolled or cold-formed steel (i.e., light gauge) for mechanical, electrical, or plumbing equipment weighing less than 2000# (equipment only) (connections of such frames to superstructure elements using welding will require special inspection as noted in selected item(s) for Sections S/A3, S/A4 and/or S/A5 of listing above).			
<input type="checkbox"/> 5. Manufactured components (e.g., Tolco, B-Line, Alcon, etc.) for mechanical, electrical, or plumbing hanger support and bracing (connections of such components to superstructure elements using welding will require special inspection as noted in selected item(s) for Sections S/A3, S/A4 and/or S/A5 of listing above).			
<input type="checkbox"/> 6. TV Brackets, projector mounts with a valid listing (see DSA IR A-5) and recreational equipment (e.g., playground structures, basketball backstops, etc.) (connections of such elements to superstructure elements using welding will require special inspection as noted in selected item(s) for sections S/A3, S/A4 and/or S/A5 located in the Steel/Aluminum category of listing above).			
<input type="checkbox"/> 7. Any support for exempt non-structural components given in CBC Section 1617A.1.18 (which replaces ASCE 7-16, Section 13.1.4) meeting the following: A) when supported on a floor/roof, <400# and resulting composite center of mass (including component's center of mass) d4' above supporting floor/roof, B) when hung from a wall or roof/floor, <200# for discrete units or <5 pif for distributed systems.			



PROJECT-SPECIFIC APPROVALS

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

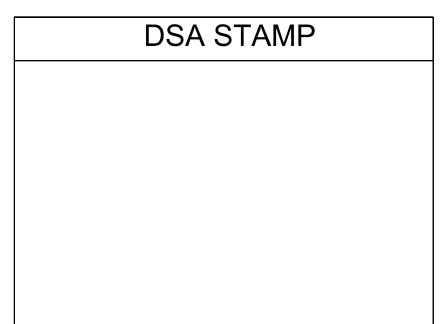
Application Number: School Name: School District:  
 04-122194 Daktronics, Inc.  
 DSA File Number: Pre Check Increment Number: Date Created: 2023-04-20 22:42:50

Name of Architect or Engineer in general responsible charge:  
**Wells L. Holmes**

Name of Structural Engineer (When structural design has been delegated):

Signature of Architect or Structural Engineer: *Wells L. Holmes* Date: 04/24/2023

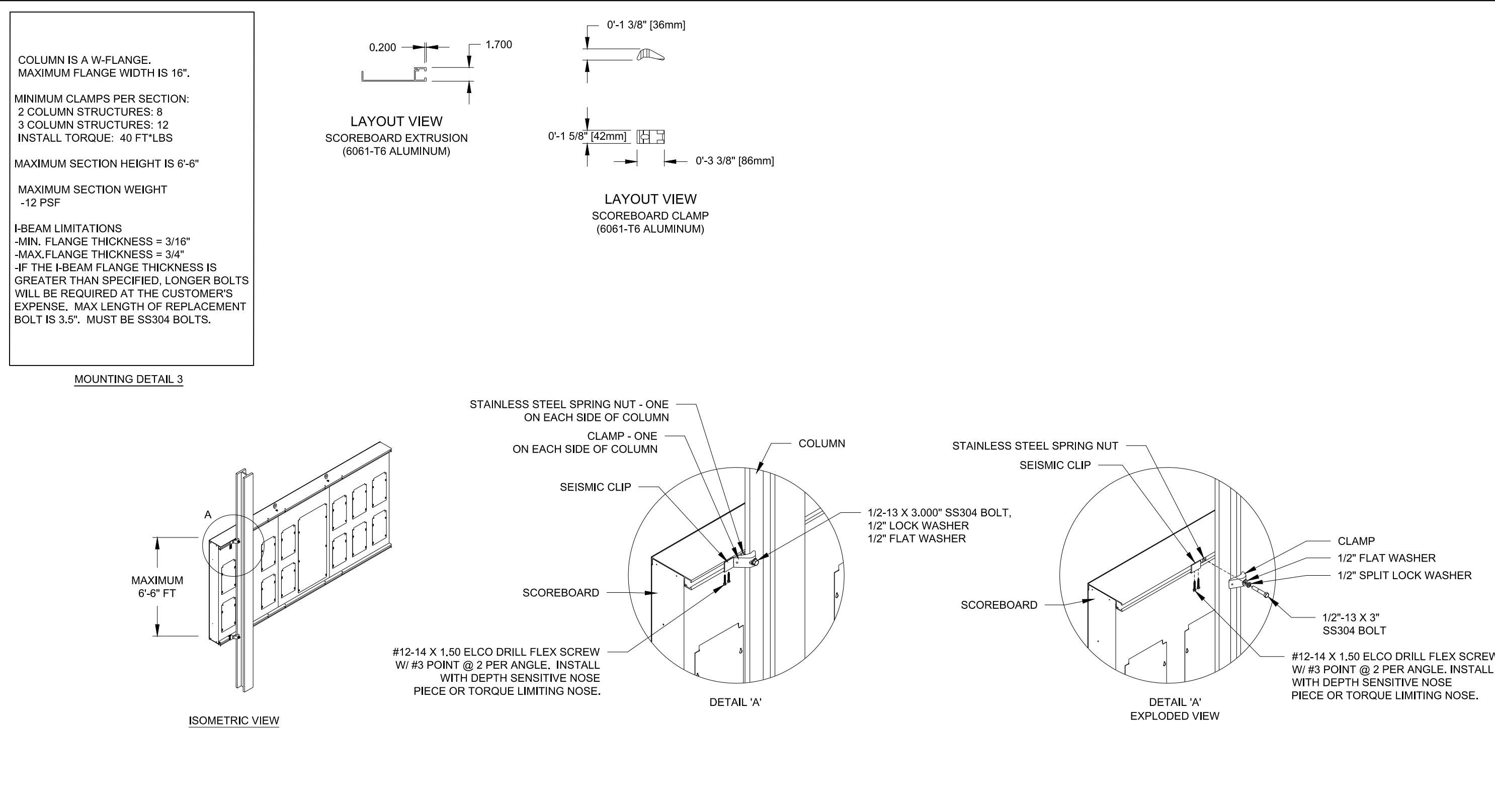
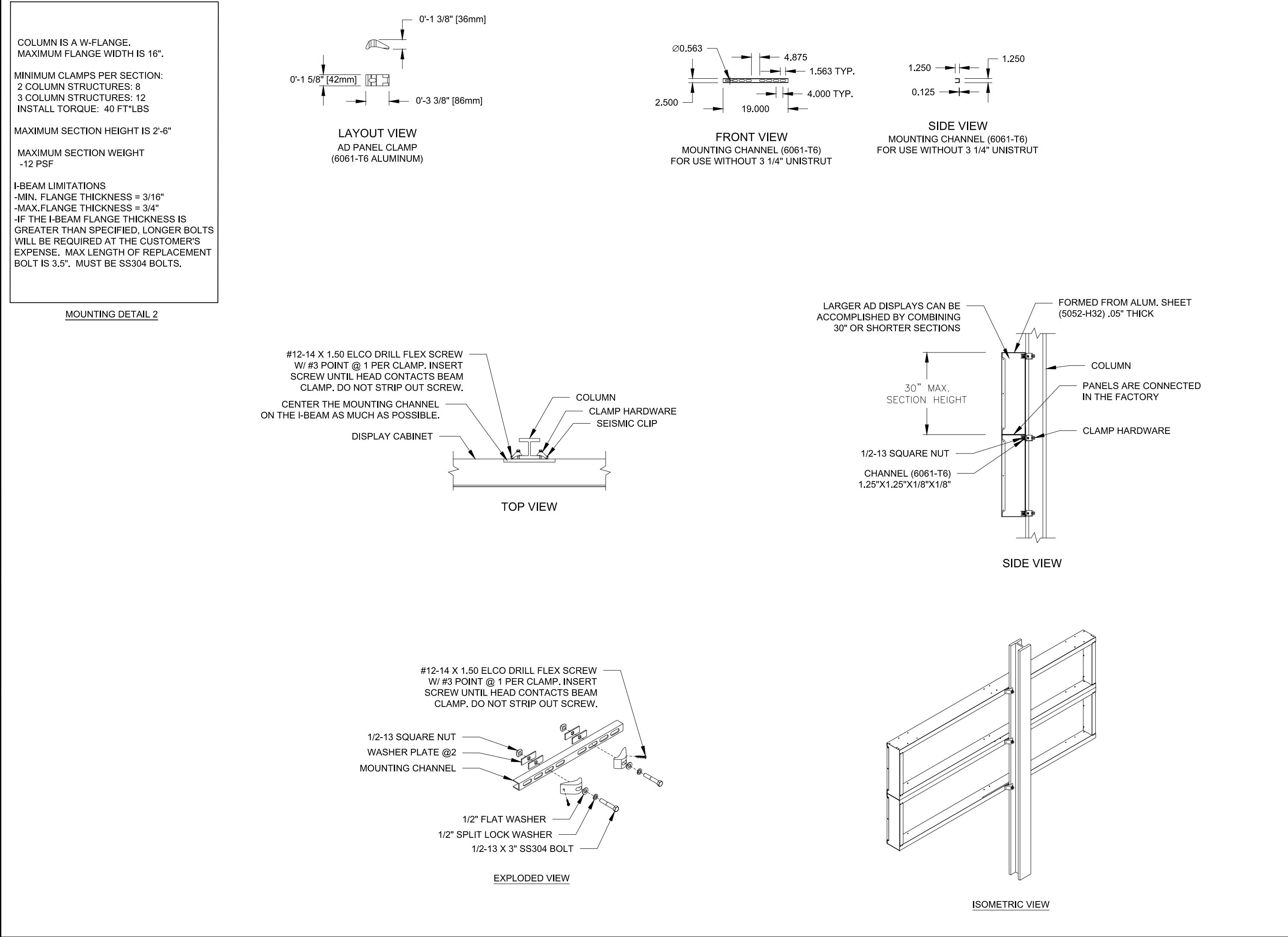
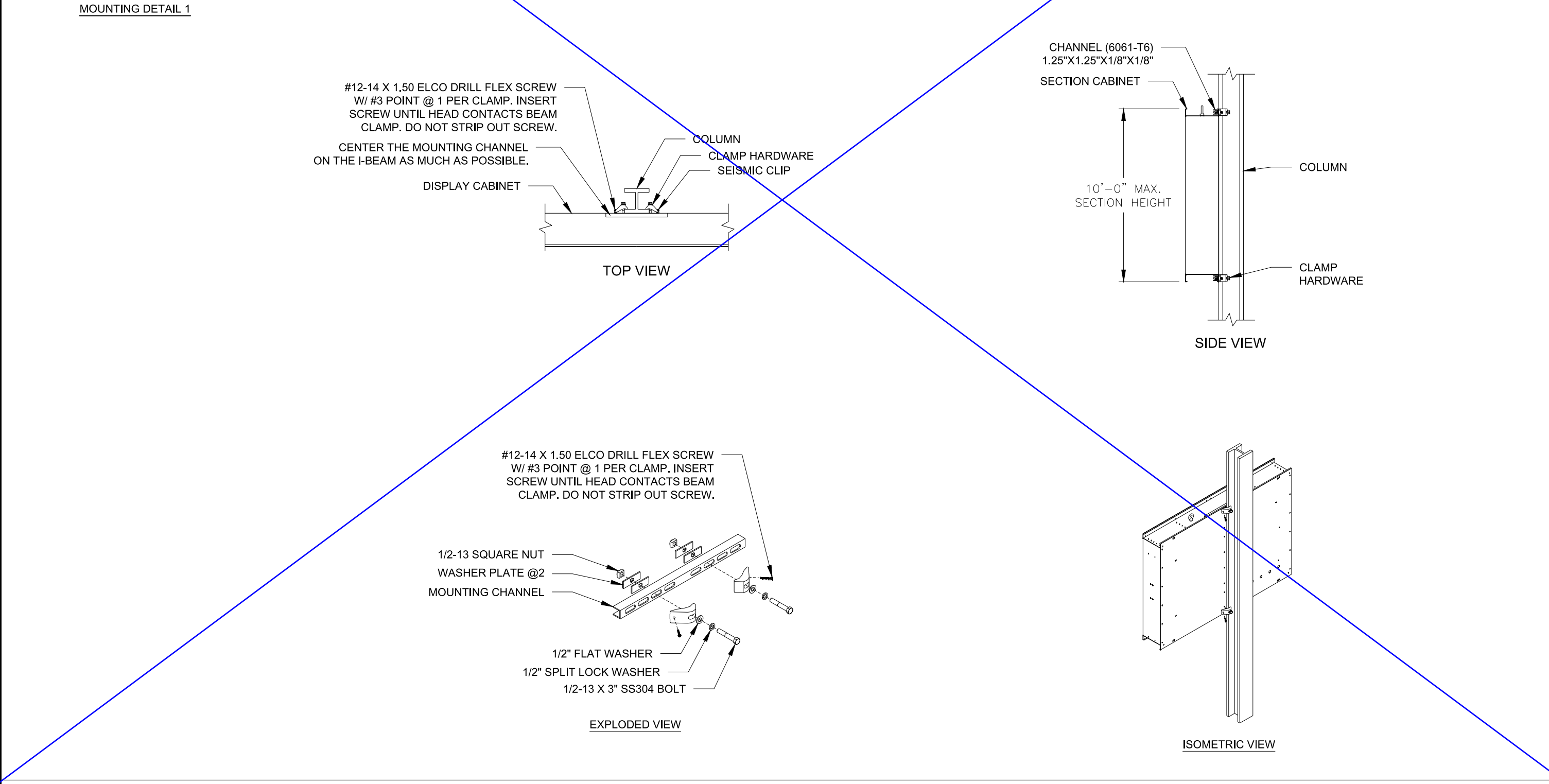
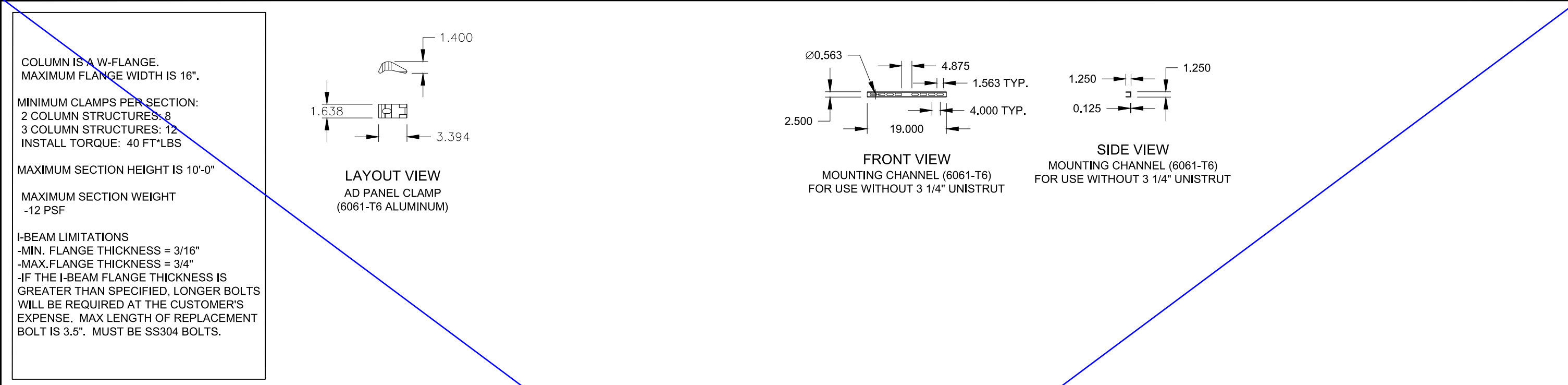
Note: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends against using secured electronic or digital signatures.



DSA 103-22: LIST OF REQUIRED VERIFIED REPORTS, CBC 2022

Application Number: School Name: School District:  
 04-122194 Daktronics, Inc.  
 DSA File Number: Pre Check Increment Number: Date Created: 2023-04-20 22:42:50

- Structural Testing and Inspection: Laboratory Verified Report Form DSA 291
- Shop Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292
- Field Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292
- High-Strength Bolt Installation Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 03-124612 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/20/2024

PRE-CHECK (PC) DOCUMENT

CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

**VECTOR ENGINEERS**  
WELLS L. HOLMES, S.E.  
651 W. GALENA PARK BLVD. STE. 101  
DRAPER, UTAH 84020  
(801) 990-1775  
(801) 990-1776 FAX

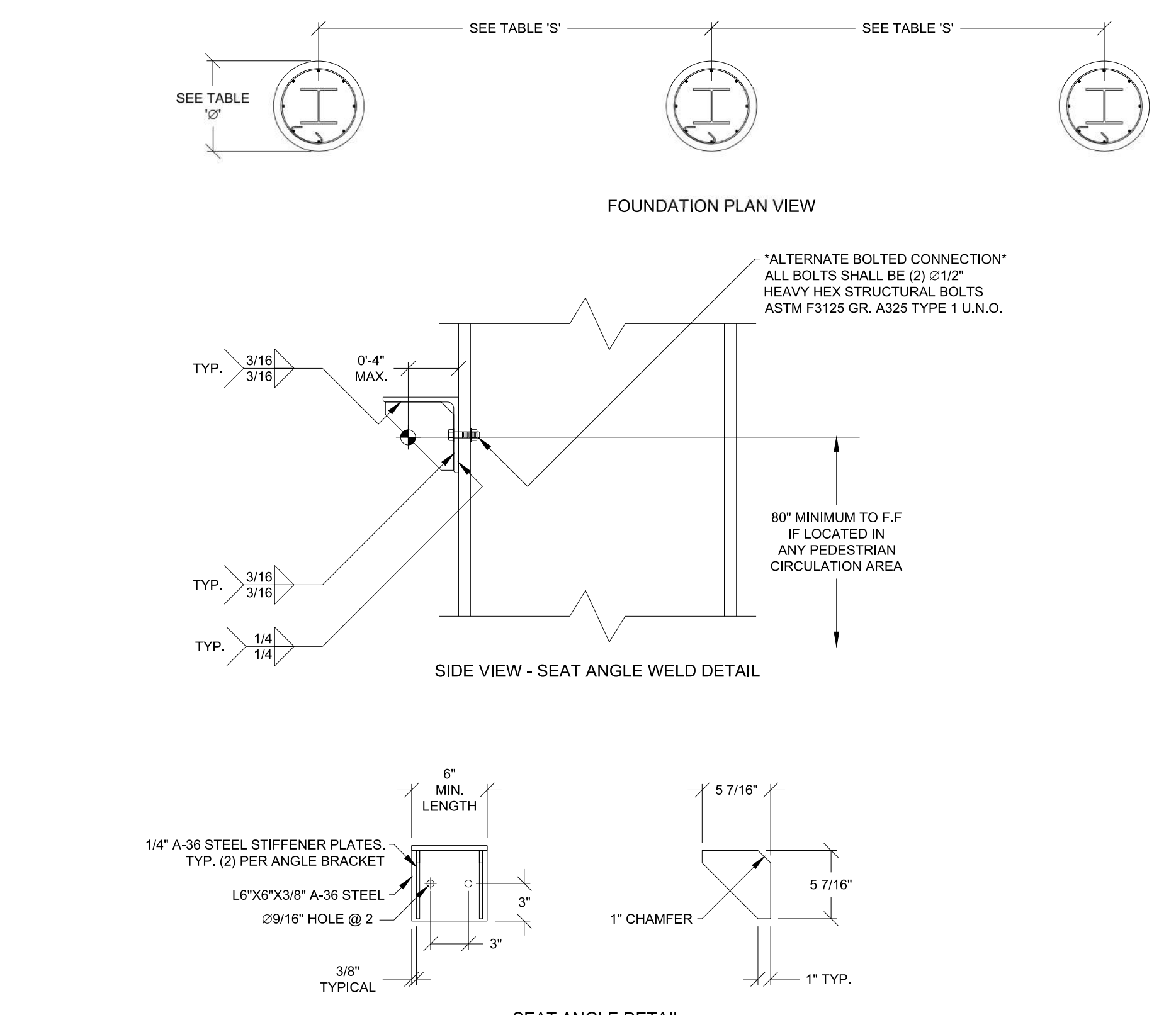
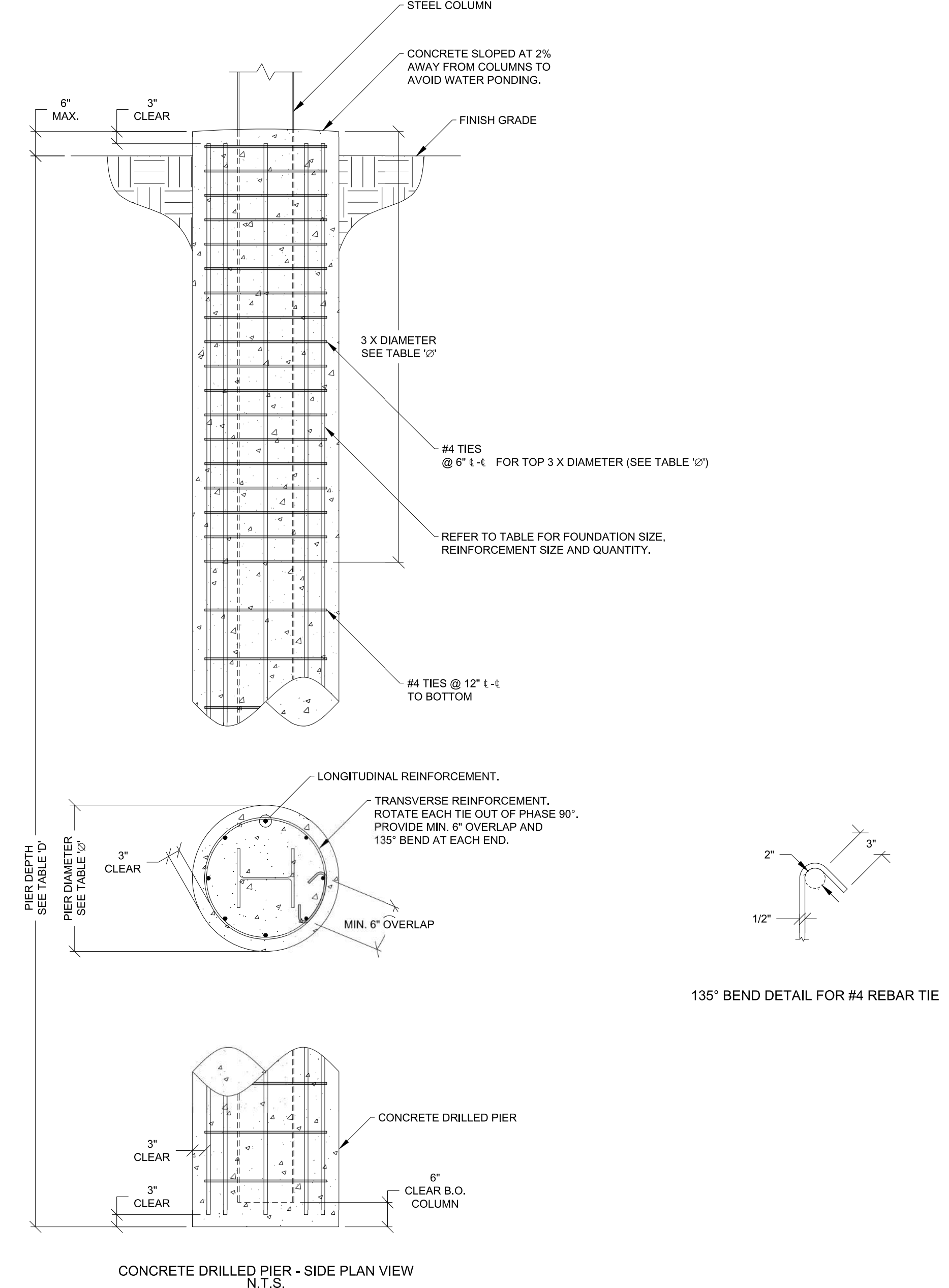
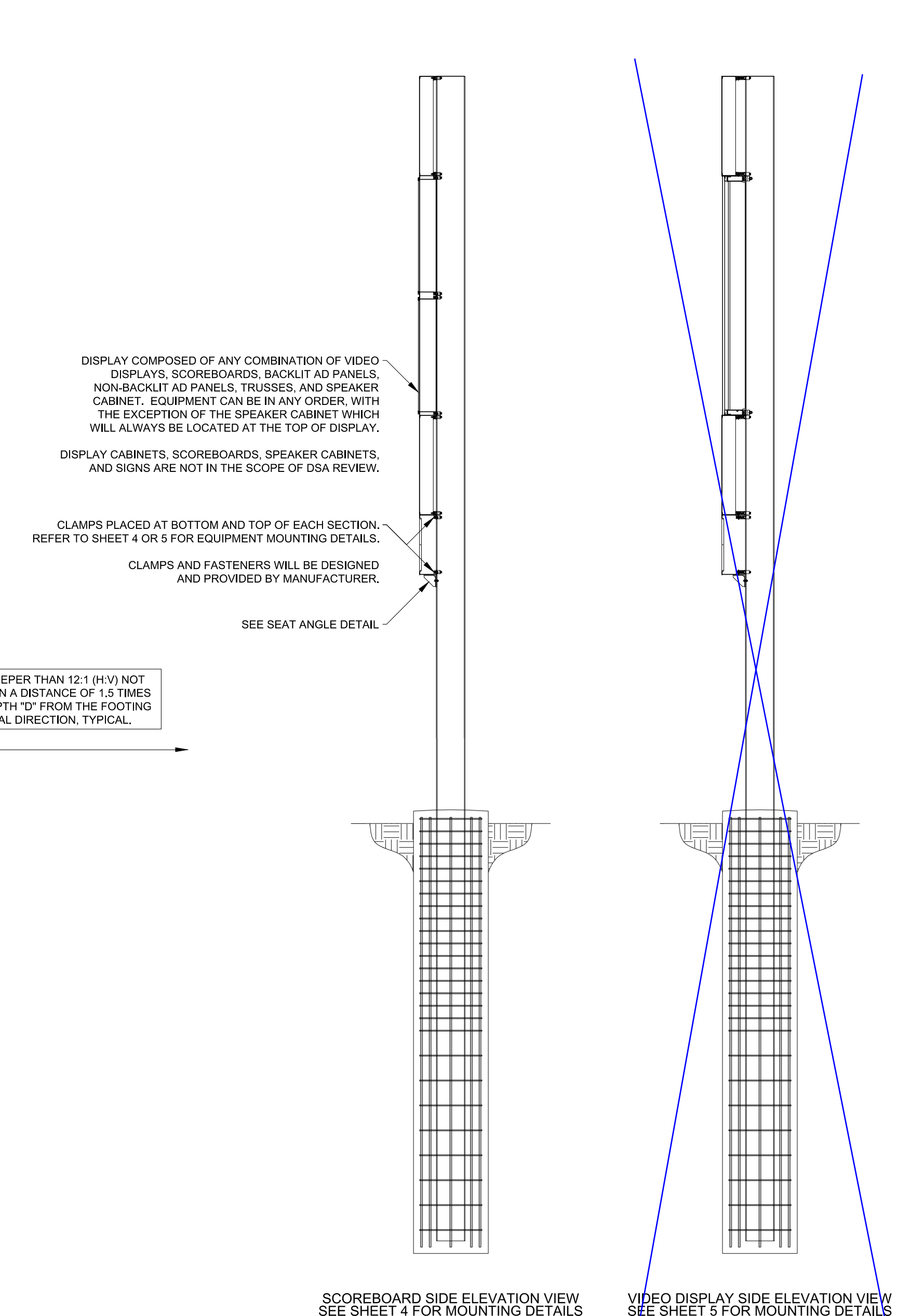
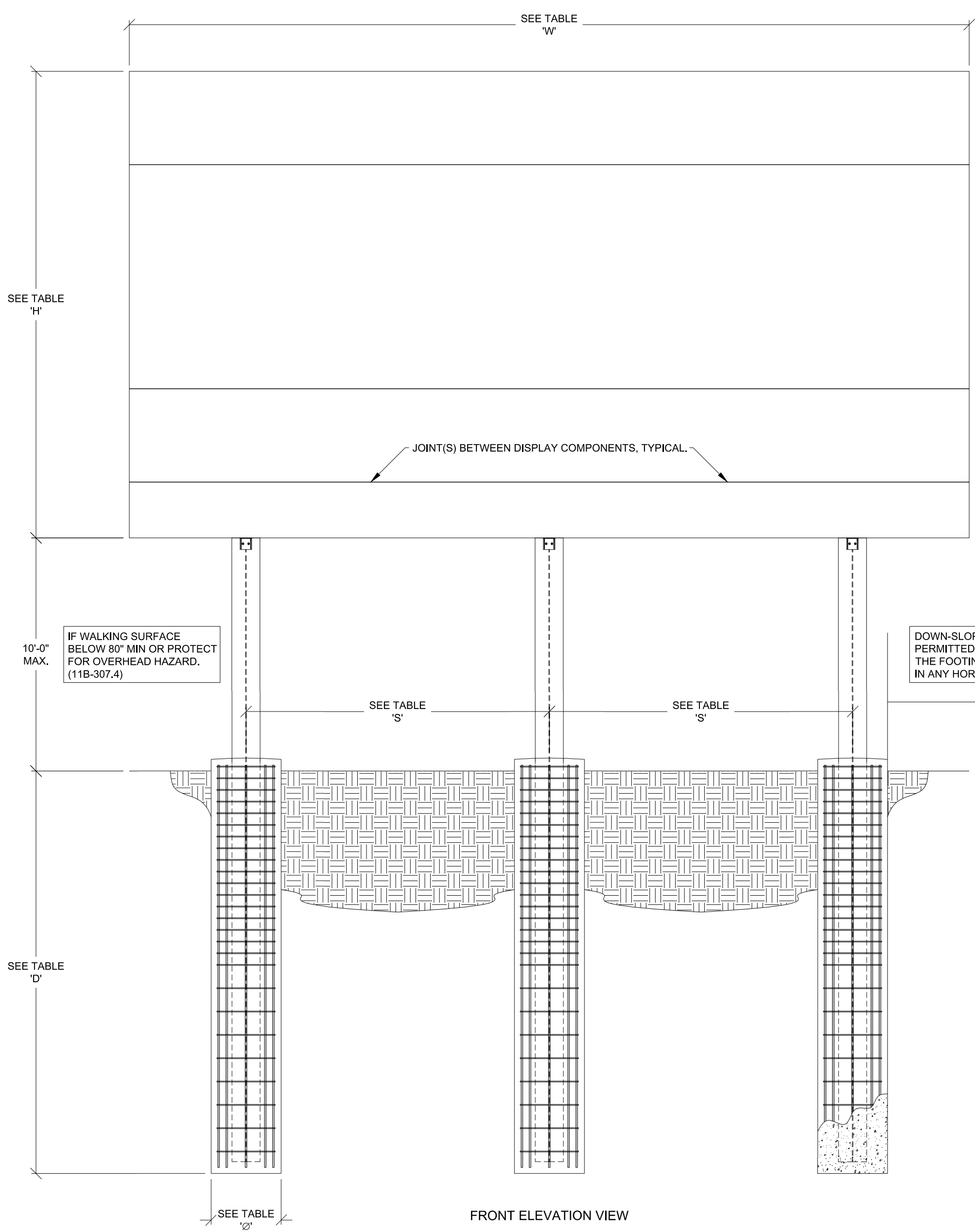
REGISTERED PROFESSIONAL ENGINEER  
WELLS HOLMES  
S 8203  
STATE OF CALIFORNIA  
08/07/2023

STRUCTURAL ENGINEER OF RECORD

APPROVED  
DIV. OF THE STATE ARCHITECT  
APP: 04-122194 PC  
REVIEWED FOR  
SS  FLS  ACS  CG   
DATE: 09/18/2023

PROJECT-SPECIFIC APPROVALS

PRE-CHECK (PC) DOCUMENT  
Code: 2022 CBC  
A separate project application for construction is required.



**TABLE A - STANDARD WIND REGIONS (100 MPH)**

CHECK OPTION	OVERALL DIMENSIONS			COLUMNS		PIER FOOTINGS			WIND		SEISMIC "BASE SHEAR (LBS)"	
	"MAX. HEIGHT 'H' (FT)"	"MAX. WIDTH 'W' (FT)"	MAX. DISPLAY WEIGHT (LBS)	"SPACING 'S' (FT)"	SIZE	"DIAMETER 'Ø' (FT)"	"DEPTH 'D' (FT)"	"LONG. REINF. (QTY - SIZE)"	Kz	Cf		"DESIGN WIND PRESSURE (LBS/SQFT)"
	12.00	30.00	5170.00	11.00	W10X30	3	11.25	(7) #8	0.92	1.68	28.55	3820
	16.00	30.00	6610.00	11.00	W10X49	3	13.5	(7) #8	0.95	1.68	29.06	4960
	20.00	30.00	8750.00	11.00	W16X67	3	16.25	(7) #8	0.98	1.64	29.83	6870
	24.00	30.00	10190.00	11.00	W10X86	3	19	(7) #8	1.01	1.63	30.49	8700
	28.00	30.00	11630.00	11.00	W14X90	3	22	(7) #8	1.03	1.63	31.09	10120
	32.00	30.00	13070.00	11.00	W24X131*	4	20.75	(12) #8	1.05	1.63	31.70	13750
	36.00	30.00	14510.00	11.00	W27X161*	4	23.25	(12) #8	1.07	1.63	32.31	17180
✓	12.00	36.00	6034.00	13.00	W12X40	3	12	(7) #8	0.92	1.68	28.55	4260
	16.00	36.00	7762.00	13.00	W12X63	3	14.75	(7) #8	0.95	1.64	28.95	5820
	20.00	36.00	10190.00	13.00	W14X74	3	18	(7) #8	0.98	1.63	29.55	7750
	24.00	36.00	11918.00	13.00	W14X90	3	21	(7) #8	1.01	1.62	30.26	9690
	28.00	36.00	13646.00	13.00	W14X109*	4	20.25	(12) #8	1.03	1.62	30.88	12020
	32.00	36.00	15374.00	13.00	W18X143*	4	23	(12) #8	1.05	1.61	31.45	15510
	36.00	36.00	17102.00	13.00	W27X161*	4	25.5	(12) #8	1.07	1.61	31.98	18220

**TABLE B - SPECIAL WIND REGIONS (130 MPH)**

CHECK OPTION	OVERALL DIMENSIONS			COLUMNS		PIER FOOTINGS			WIND		SEISMIC "BASE SHEAR (LBS)"	
	"MAX. HEIGHT 'H' (FT)"	"MAX. WIDTH 'W' (FT)"	MAX. DISPLAY WEIGHT (LBS)	"SPACING 'S' (FT)"	SIZE	"DIAMETER 'Ø' (FT)"	"DEPTH 'D' (FT)"	"LONG. REINF. (QTY - SIZE)"	Kz	Cf		"DESIGN WIND PRESSURE (LBS/SQFT)"
	12.00	30.00	5170.00	11.00	W14X48	3	14.5	(7) #8	0.92	1.68	48.25	4010
	16.00	30.00	6610.00	11.00	W12X65	3	18.5	(7) #8	0.95	1.65	49.11	5540
	20.00	30.00	8750.00	11.00	W18X86	3	22.5	(7) #8	0.98	1.64	50.41	7640
	24.00	30.00	10190.00	11.00	W24X104	4	22	(12) #8	1.01	1.63	51.53	9740
	28.00	30.00	11630.00	11.00	W24X131*	4	25.25	(12) #8	1.03	1.63	52.54	12410
	32.00	30.00	13070.00	11.00	W27X161*	4	28.75	(12) #8	1.05	1.63	53.57	15650
	36.00	30.00	14510.00	11.00	W30X191*	5	28.00	(19) #8	1.07	1.63	54.60	19990
	12.00	36.00	6034.00	13.00	W14X53	3	16.25	(7) #8	0.92	1.68	48.25	4650
	16.00	36.00	7762.00	13.00	W16X67	3	20.6	(7) #8	0.95	1.64	48.93	6200
	20.00	36.00	10190.00	13.00	W14X90	4	20.75	(12) #8	0.98	1.63	49.94	8590
	24.00	36.00	11918.00	13.00	W24X117*	4	24.25	(12) #8	1.01	1.62	51.14	11050
	28.00	36.00	13646.00	13.00	W14X145*	4	28.25	(12) #8	1.03	1.62	52.19	13960
	32.00	36.00	15374.00	13.00	W30X173*	5	27.50	(19) #8	1.05	1.61	53.15	17250
	36.00	36.00	17102.00	13.00	W33X201*	5	30.75	(19) #8	1.07	1.61	54.04	20940

(1) PER ASCE7 CASE B LOADING. CASE B LOADING = (CASE A LOADING) X (1.67). THE PRESSURES HAVE BEEN MULTIPLIED BY 0.6 (ASD LOAD FACTOR).

(2) 0.7V PER ASCE7-16 ASD EQUATIONS.

(3) COLUMN MAY BE SPLICED WITH A PREQUALIFIED CJP WELD.

(\*) MAY NEED LONGER BOLTS FOR CLAMP ATTACHMENTS.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
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SS  FLS  ACS   
DATE: 08/20/2024

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CODE: 2022 CBC

A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

**VECTOR ENGINEERS**  
WELLS L. HOLMES, S.E.  
651 W. GALENA PARK BLVD. STE. 101  
DRAPER, UTAH 84020  
(801) 990-1775  
(801) 990-1776 FAX

REGISTERED PROFESSIONAL ENGINEER  
WELLS L. HOLMES  
88203  
STRUCTURAL  
STATE OF CALIFORNIA  
08/07/2023

STRUCTURAL ENGINEER OF RECORD

APPROVED  
DIV. OF THE STATE ARCHITECT  
APP: 04-122194 PC  
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DATE: 09/18/2023

PROJECT-SPECIFIC APPROVALS

PRE-CHECK (PC) DOCUMENT  
Code: 2022 CBC  
A separate project application for construction is required.