

# WUSD BRYTE CAREER & COLLEGE TRAINING

ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605  
WASHINGTON UNIFIED SCHOOL DISTRICT

DSA File No. 57-H5  
App. No. 02-122278  
PTN. 72694-129

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## PROJECT DIRECTORY

### CLIENT

WASHINGTON UNIFIED SCHOOL DISTRICT

WASHINGTON UNIFIED SCHOOL DISTRICT  
930 WESTACRE ROAD  
[T] (916) 375-7600  
DANIEL BANOWETZ  
dbanowetz@wusd.k12.ca.us

### ARCHITECT

STUDIO W ARCHITECTS

BRIAN WHITMORE, PRINCIPAL  
1930 H STREET  
SACRAMENTO, CA 95811  
[T] (916) 254-5600  
BrianW@StudioW-Architects.com

BRIE GARGANO, ASSOCIATE PRINCIPAL & CLIENT LEADER  
1930 H STREET  
SACRAMENTO, CA 95811  
[T] (916) 254-5603  
BrieG@StudioW-Architects.com

### CIVIL ENGINEER

WCE

ANTHONY TASSANO  
1117 WINFIELD WAY, SUITE 110  
[T] (916) 982-1870  
Anthony@wceinc.com

### STRUCTURAL ENGINEER

MLA STRUCTURAL ENGINEERS

JOHN MANDSAGER  
1132 SUNCAST LANE, SUITE 6  
EL DORADO HILLS, CA 95762  
[T] (916) 941-2429  
John@mla-se.com

### PLUMBING ENGINEER

SALAS O'BRIEN

ED DAVID  
3220 EXECUTIVE RIDGE, SUITE 210  
VISTA, CA 92081  
[T] (760) 569-0100  
Ed.david@salasobrien.com

### SPECIFICATION WRITER

BYUN PARTNERS

DAVID BYUN  
1205 HAZEL PLACE  
COSTA MESA, CA 92626  
[T] (310) 800-0553  
David@byunpartners.com

### PC SHADE STRUCTURE USA SHADE

ERIK ANSLINGER  
927 ENTERPRISE WAY, SUITE A  
NAPA, CA 94558  
[T] (408) 478-1646  
erik.anslinger@usa-shade.com

## DSA REQUIREMENTS

- ALL WORK SHALL CONFORM TO THE 2022 EDITION OF THE TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- AS A FACILITY WHICH COMES UNDER THE APPROVAL AND AUTHORITY OF THE DIVISION OF THE STATE ARCHITECT (DSA), THIS PROJECT IS SUBJECT TO DRAWING AND JOB SITE REVIEW BY A REPRESENTATIVE OF DSA.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS AFFECTING FLS, SSS, AND/OR ACS SHALL BE MADE BY ADDENDA OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR AND DSA IR A-6.
- A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- A COPY OF PART 1 TO PART 5 OF TITLE 24 SHALL BE KEPT AND BE AVAILABLE IN THE FIELD DURING CONSTRUCTION.
- DSA SHALL BE NOTIFIED OF THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24, CCR.
- THE DIVISION OF THE STATE ARCHITECT IS EXEMPT FROM ARBITRATION OR MEDIATION PROCEDURES.
- SUPERVISION BY THE DIVISION OF THE STATE ARCHITECT IS PER SECTION 4-334, PART 1, TITLE 24, CCR.
- ADMINISTRATION OF CONSTRUCTION PER PART 1, TITLE 24, CCR:
  - VERIFIED REPORTS PER SECT 4-336, PART 1, TITLE 24 CCR
  - DUTIES OF ARCHITECT PER SECT 4-331, 4-341; PART 1, TITLE 24 CCR
  - DUTIES OF CONTRACTOR PER SECT 4-343, PART 1, TITLE 24
- TESTING AND INSPECTION:
  - INSPECTOR APPROVED BY DSA AS PER SECT. 4-333(D); PART 1, TITLE 24, CCR
  - TESTS AND TESTING LABORATORIES PER SECT 4-335
  - SPECIAL INSPECTION PER SECT. 4-333(C)
- CHANGES IN LEVEL FOR FLOOR FINISHES SHALL CONFORM WITH CBC SECTION 1120B.2 AND 1124B.3.
- ALL TESTS TO CONFORM TO REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, CCR.
- TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24, CCR AND THE DISTRICT SHALL EMPLOY AND PAY THE DSA ACCEPTED LABORATORY.
- COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.
- INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(B).
- 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 4-337(C), PART 1, TITLE 24, CCR).
- INSPECTOR OF RECORD REQUIREMENTS:
  - ONE OR MORE INSPECTORS EMPLOYED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS WILL BE ASSIGNED TO THE WORK. THE INSPECTOR'S DUTIES ARE SPECIFICALLY DEFINED IN SECTION 4-342 OF SAO TITLE 24, PART 1 AND IN ADDITION, SHALL BE STIPULATED IN INTERPRETATION OF REGULATION DOCUMENT IR A-8.
  - INSPECTOR SHALL BE CERTIFIED AS A CLASS 2 INSPECTOR THROUGH THE DIVISION OF THE STATE ARCHITECT INSPECTOR EXAMINATION PROGRAM. INSPECTOR SHALL ALSO BE SPECIFICALLY APPROVED BY THE DIVISION OF THE STATE ARCHITECT FOR THIS PROJECT AT LEAST 10 DAYS PRIOR TO THE START OF ANY WORK FOR THIS PROJECT.

## DEFERRED APPROVALS

- NONE.

## ADD ALTERNATES

- NONE.

## PROJECT DESCRIPTION

APN: 014580001

THE PROJECT INCLUDES NEW DRINKING FOUNTAINS AND NEW FABRIC SHADE STRUCTURE.

NOTE THAT DRINKING FOUNTAINS WILL BE INSTALLED DURING THE SCHOOL YEAR, WHILE ALL OTHER WORK WILL BE INSTALLED DURING THE SUMMER OF 2024.

FABRIC SHADE STRUCTURE TO HAVE 340FR FABRIC FOR FLAME RETARDANT, COMPLYING WITH TITLE 19, SECTION 315(a)

SITE SPECIFIC WIND LOAD = +93 MPH

## 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. 02-122278

File No. 57-H5

- [X] The drawings or sheets listed on the cover or index sheet (all C, P and PC drawings)
- [ ] 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:

- design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
- 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 find that:  
[X] All drawings or sheets listed on the cover or index sheet  
[ ] This drawing or page

- [X] is/are in **general** conformance with the project design and  
[ ] has/have been coordinated with the project plans and specifications

Signature Brian P. Whitmore 03/12/2024  
Date

Architect or Engineer designated to be in general responsible charge.  
Brian P. Whitmore  
Print Name

C 30345 09-30-2025  
License Number Expiration Date

## CODES AND REGULATIONS

APPLICABLE STATE CODES AND REGULATIONS WITH LATEST AMENDMENTS AND SUPPLEMENTS:

- 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2021 IBC & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2020 NATIONAL ELECTRICAL CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2021 UNIFORM MECHANICAL CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2021 UNIFORM PLUMBING CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CBCS
- 2022 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24 CCR
- 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 CCR (2021 INTERNATIONAL FIRE CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2021 INTERNATIONAL EXISTING BUILDING CODE & CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE PART 11, TITLE 24
- 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 CCR
- TITLE 8 CCR, CH. 4, SUB-CH. 6 - ELEVATOR SAFETY ORDERS
- TITLE 19 CCR, PUBLIC SAFETY, SFM REGULATIONS

APPLICABLE FEDERAL CODES AND STANDARDS:

- AMERICANS WITH DISABILITIES ACT (ADA), TITLE 11
- UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) or ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)

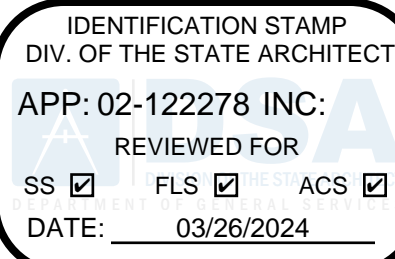
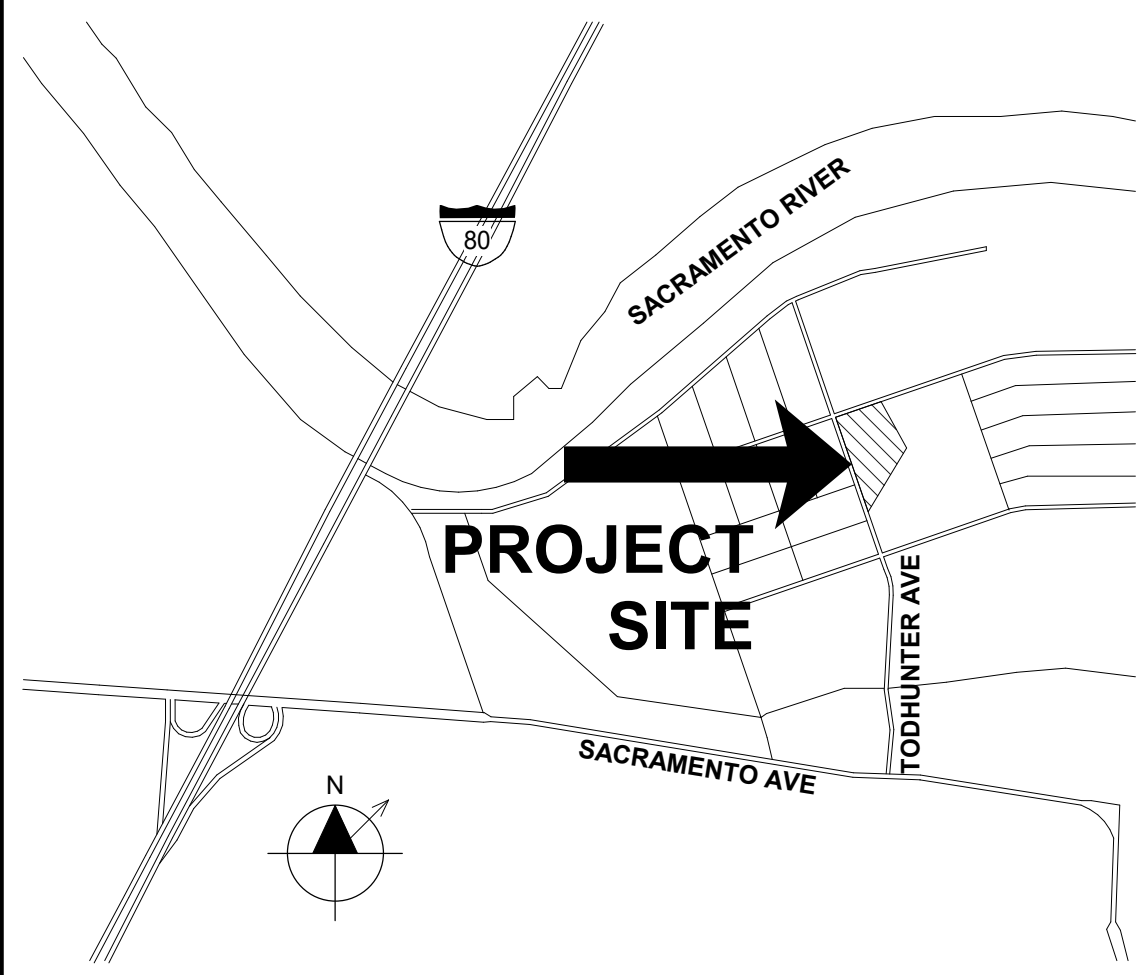
APPLICABLE REFERENCED STANDARDS:

- NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED), 2022 EDITION
- NFPA 24, PRIVATE FIRE MAINS (CA AMENDED), 2019 EDITION
- NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED), 2020 EDITION
- NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVES, 2019 EDITION
- NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS, 2018 EDITION

REFERENCE CODE SECTION FOR NFPA STANDARDS - 2022 CBC (SFM) CHAPTER 35. SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

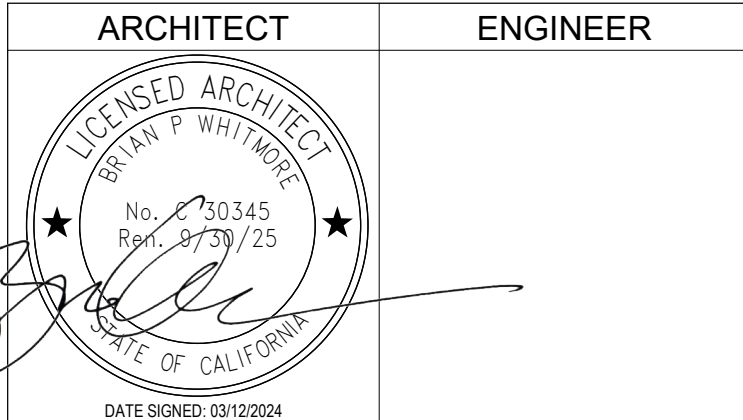
STATEMENT OF GENERAL CONFORMANCE AND SIGNATURE BLOCK PER IR A-18

## VICINITY MAP



STUDIO W  
ARCHITECTS

Studio W Architects  
1930 H Street  
Sacramento, California 95811  
[ T ] 916.254.5600  
www.StudioW-Architects.com

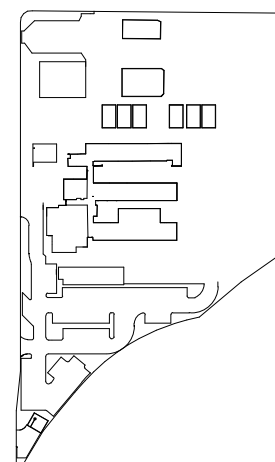


- GENERAL NOTES
- This sheet is part of a set and is not to be used alone.
  - This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicated drawings have been released for construction.
  - These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden.
  - Copyright Studio W Associates, Inc. 2023.

NO.	REMARKS	DATE

- DRAWING STATUS
- ☐ DSA PLAN CHECK
- ☐ DSA BACK CHECK
- ☐ BIDDING
- ☐ CONSTRUCTION

### KEY PLAN



WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

### DESIGN DEVELOPEMENT

WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

### COVER SHEET

Date  
03/12/2024

Application Number  
02-122278

Drawn  
Author

Checked  
Checker

Project Number  
22049

Drawing Number  
02-122278

A0.1

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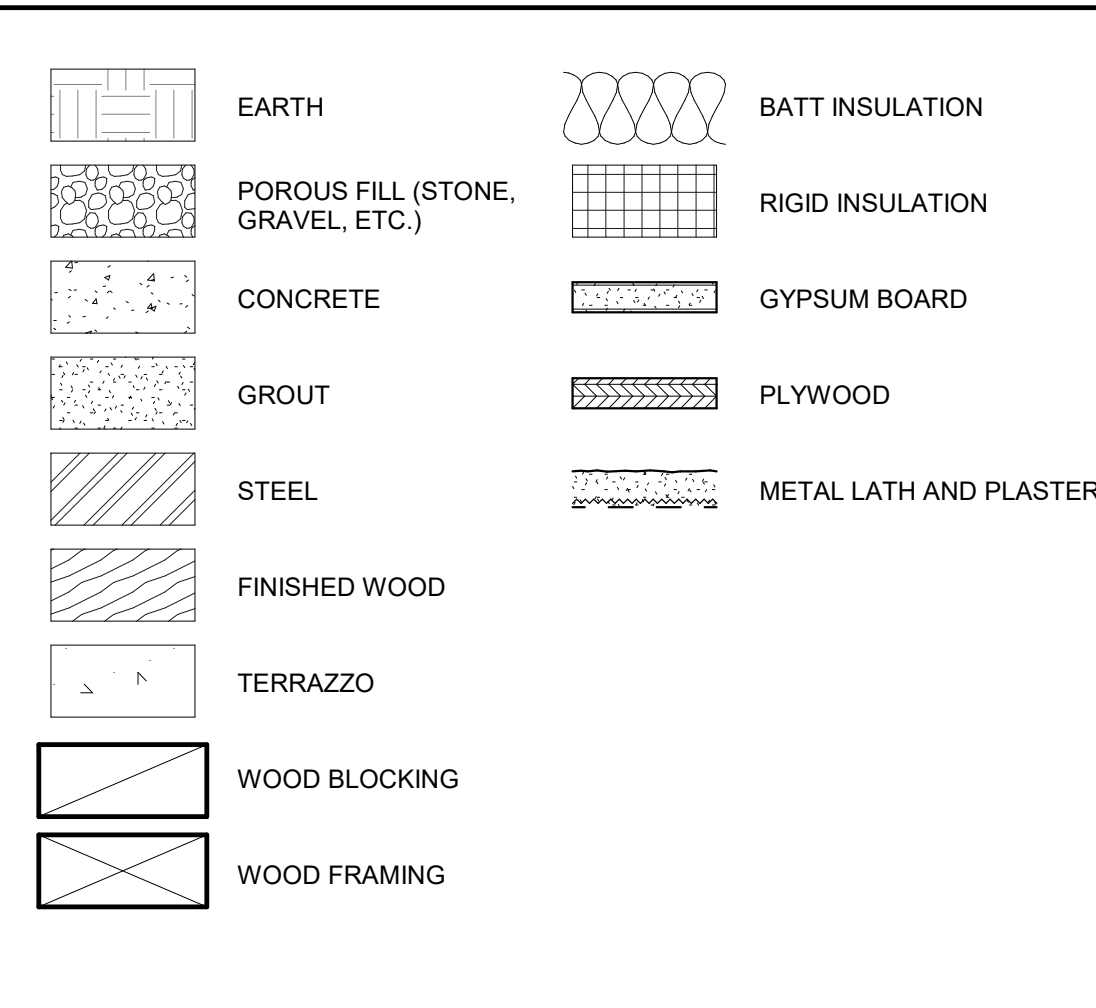
## ARCHITECTURAL DRAWING ABBREVIATIONS

#	POUND OR NUMBER	DG	DECOMPOSED GRANITE	HMD	HOLLOW METAL DOOR	PED	PEDESTAL	ST	STREET
*	AND	DH	DOUBLE HUNG	HMPF	HOLLOW METAL DOOR AND FRAME	PERF	PERFORATED	STA	STATION
2X	ITEMS IDENTIFIED AS "NIC" ARE NOT PART OF THIS DSA APPROVAL	DIA	DIAMETER	HMF	HOLLOW METAL FRAME	PERIM	PERIMETER	STAG	STAGGERED
@	NOMINAL LUMBER SIZE (4X, 6X, 8X, ETC.)	DIAG	DIAGONAL	HNDRL	HANDRAIL	PERP	PERPENDICULAR	STC	SOUND TRANSMISSION CLASS
1	AT PERPENDICULAR	DIFF	DIFFUSER	HORIZ	HORIZONTAL	PGBD	PEGBOARD	STD	STANDARD
		DM	DIMENSION	HPT	HIGH POINT	PH	PHASE	STG	SEATING
		DISP	DISPENSER	HR	HOUR	PHS	PHILLIPS HEAD SCREW	STIF	STIFFENER
		DIV	DIVISION	HT	HEIGHT	PI	POINT OF INTERSECTION	STIR	STIRRUP
A		DMPF	DAMPPROOFING	HTG	HEATING	PIV	POST INDICATOR VALVE	STL	STEEL
A/C	AIR CONDITIONING	DMT	DEMOUNTABLE	HVAC	HEATING, VENTILATING, AIR CONDITIONING	PL	PLATE, PROPERTY LINE	STOR	STORAGE
A/E	ARCHITECT/ENGINEER	DN	DOWN	HWH	HOT WATER HEATER	PLAM	PLASTIC LAMINATE	STR	STRAIGHT
ABAN	ABANDON	DR	DOOR			PLAS	PLASTER	STRUC	STRUCTURAL
ABC	AGGREGATE BASE COURSE	DRB	DRAINBOARD	I		PLYWD	PLYWOOD	STU	STRUCT
ABV	ABOVE	DRLV	DOOR LOUVER	ID	INSIDE DIAMETER	PM	PRESSED METAL	SUSP	SUSPENDED
AC	ASPHALTIC CONCRETE	DS	DOWNSPOUT	IN	INCH	PME	PRESSED METAL FRAME	SV	SHEET VINYL
ACC	ACCESSIBLE	DSP	DRY STANDPIPE	INCL	INCLUDE(D), (ING)	PNEU	PNEUMATIC	SYMM	SYMMETRICAL
ACP	ALUMINUM COMPOSITE PANEL	DT	DRAIN TILE	INFO	INFORMATION	PNL	PANEL	SYNTH	SYNTHETIC
ACST	ACOUSTICAL	DVTL	DOVETAIL	INSTL	INSTALL	PNT	PAINT(ED)	SYS	SYSTEM
ACT	ACOUSTICAL CEILING TILE	DW	DISHWASHER	INSUL	INSULATE(D), (ION)	POL	POLISHED	T	
AD	AREA DRAIN	DWG	DRAWING	INT	INTERIOR	POLY	POLYETHYLENE	T	TEMPERED, TOILET, TREAD
ADDM	ADDENDUM	DWL	DOWEL	INV	INVERT	PORC	PORCELAIN	T24	TITLE 24
ADH	ADHESIVE	DWR	DRAWER	IPS	IRON PIPE SIZE	PORT	PORTABLE	T&B	TOP AND BOTTOM
ADJ	ADJUSTABLE			ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY	PR	PAIR	T&G	TONGUE & GROOVE
ADJC	ADJACENT	E	EXISTING	J	JOIST	PRCST	PRECAST	TB	THREADED BOTH ENDS
APF	ABOVE FINISH FLOOR	(E)	EAST	JAN	JANITOR	PREFAB	PREFABRICATED	TBE	TOWEL DISPENSER
AFG	ABOVE FINISHED GRADE	E	EACH	JST	JOIST	PREFIN	PREFINISHED	TDL	TOWEL DISPENSER/RECEPTACLE
AGGR	AGGREGATE	EA	EACH	JT	JOINT	PREFMD	PREFORMED	TEL	TELEPHONE
AHU	AIR HANDLING UNIT	EAR	EXHAUST AIR REGISTER	K	KITCHEN	PRKG	PARKING	TEMP	TEMPORARY
ALS	ASSISTED LISTENING SYSTEM	EB	EXPANSION BOLT	KIT	KITCHEN	PRLM	PREMOLDED	TER	TERRAZZO
ALT	ALTERNATE	EE	EACH END	KO	KNOCKOUT	PRJ	PROJECT	TFA	TO FLOOR ABOVE
ALUM./AL	ALUMINUM	EF	EACH FACE	KPL	KICKPLATE	PROP	PROPERTY	TFB	TO FLOOR BELOW
ANC	ANCHOR, ANCHORAGE	EFS	EXTERIOR FINISH SYSTEM	L		PSCONC	PRESTRESSED CONCRETE	THD	THREADED
APPRX	APPROXIMATELY	EHD	ELECTRIC HAND DRYER	LAB	LABORATORY	PT	POINT	THD	THREADED
ARCH	ARCHITECT(URAL)	EHS	EXTERIOR INSULATION AND FINISH SYSTEM	LAD	LADDER	PTD	PAPER TOWEL DISPENSER	THRM	THERMAL
ASC	ABOVE SUSPENDED CEILING	EJ	EXPANSION JOINT	LDM	LABORATORY	PTF	PRESSURE TREATED DOUGLAS FIR	THK	THICK
ASF	ABOVE STAGE FINISH	EL	ELEVATION	LDR	LEADER	PTN	PARTITION	THRES	THRESHOLD
ASPH	ASPHALT	ELAST	ELASTOMERIC	LF	LINEAL FOOT	PTR	PAPER TOWEL RECEPTACLE	THRU	THROUGH
ASSY	ASSEMBLY	ELEC	ELECTRICAL	LG	LENGTH LONG	PVC	POLYVINYL CHLORIDE	TKBD	TACKBOARD
ASYM	ASYMMETRICAL	ELEV	ELEVATOR	LH	LEFT HAND	PVG	PAVE(D), (ING)	TMPD	TEMPERED
AUTO	AUTOMATIC	EM	EXPANDED METAL	LHR	LEFT HAND REVERSE	PVMT	PAVEMENT	TO	TOP OF
AV	AUDIO VISUAL	EMER	EMERGENCY	LKN	LOCKNUT	Q		TOB	TOP OF BEAM
AWG	AMERICAN WIRE GAUGE	EN	EDGE NAILING	LKR	LOCKER	QT	QUARRY TILE	TOC	TOP OF CURB OR TOP OF CONCRETE
		ENCL	ENCLOSE(URE)	LKWASH	LOCKWASHER	QTB	QUARRY TILE BASE	TOF	TOP OF FOOTING
B	BOLT	ENGR	ENGINEER	LLH	LONG LEG HORIZONTAL	QTF	QUARRY TILE FLOOR	TOFF	TOP OF FINISH FLOOR
BC	BACK OF CURB	ENTR	ENTRANCE	LLV	LONG LEG VERTICAL	QTR	QUARTER	TOJ	TOP OF JOIST
BD	BOARD	EP	ELECTRICAL PANELBOARD	LMST	LIMSTONE	QTY	QUANTITY	TOL	TOLERANCE
BITUM	BITUMINOUS	EQ	EQUAL	LNCP	LANDSCAPE(D)	R		TOM	TOP OF MASONRY
BLDG	BUILDING	EQUIP	EQUIPMENT	LNTEL	LANDSCAPE(D)	R	RISER	TOP	TOP OF PARAPET
BLK	BLOCK	ESC	ESCUTCHEON	LP	LIGHTPROOF	RA	RETURN AIR	TOPV	TOP OF PAVEMENT
BLKG	BLOCKING	ESCL	ESCALATOR	LPT	LOW POINT	RAB	RABBIT	TOS	TOP OF SHEATHING
BLW	BELOW	ESMT	EASEMENT	LT	LIGHT	RAD	RADIUS	TOSL	TOP OF SLAB
BLW CLG	BELOW CEILING	EW	EACH WAY	LTWT	LIGHTWEIGHT	RB	RESILIENT BASE	TOST	TOP OF STEEL
BLW FLFLR	BELOW FINISH FLOOR	EWC	ELECTRIC WATER COOLER	LV	LOUVER VENT	ROW	ROADWAY	TPD	TOP OF WALL OR TOP OF WALK
BM	BENCH MARK	EWS	EYE WASH STATION	LVL	LEVEL(ER)	RBR	RUBBER	TPD	TOILET PAPER DISPENSER
BN	BOUNDARY NAILING	EXC	EXCAVATE	LWC	LIGHTWEIGHT CONCRETE	RCP	REINFORCED CONCRETE PIPE	TPTN	TOILET PARTITION
BO	BOTTOM OF	EXH	EXHAUST	LWIC	LIGHTWEIGHT INSULATING CONCRETE	RCVR	RECEIVER	TRANS	TRANSITION
BO	BOTTOM OF	EXP	EXPOSED			RD	ROOF DRAIN	TS	TUBE STEEL
BOT	BOTTOM	EXPN	EXPANSION			RDV	ROADWAY	TV	TELEVISION
BRCG	BRACING	EXS	EXTRA STRONG			REBAR	REINFORCING STEEL BARS	TWLB	TOWEL BAR
BRDG	BRIDGING	EXT	EXTERIOR			REC	RECESSED	TYP	TYPICAL
BRG	BEARING	F	FUTURE			RECT	RECTANGULAR		
BRK	BRICK	(F)	FUTURE			RECYL	RECYCLING	U	UNDERCUT
BRKT	BRACKET	F/F	FACE TO FACE	M	MAINTAIN(ANCE)	REF	REFERENCE	UC	UNDERCUT
BRS	BRASS	FA	FIRE ALARM	MAS	MASONRY	REFL	REFLECT(ED), (IVE), (OR)	UGND	UNDERGROUND
BRZ	BRONZE	FAB	FABRIC	MAINT	MAINTAIN(ANCE)	REFR	REFRIGERATOR	UL	UNDERWRITER'S LABORATORY
BS	BOTH SIDES	FBD	FIBERBOARD	MATL	MATERIAL	REG	REGISTER	UNFIN	UNFINISHED
BSMT	BASEMENT	FBRK	FIRE BRICK	MAX	MAXIMUM	REIN	REINFORCED	UNON	UNLESS OTHERWISE NOTED
BTWN	BETWEEN	FCBRK	FACE BRICK	MB	MACHINE BOLT	REM	REMOVE(ABLE)	UR	URNAL
BUR	BUILT UP ROOFING	FD	FLOOR DRAIN	MBR	MEMBER	REP	REPAIR	URM	UNREINFORCED MASONRY
BW	BOTH WAYS	FDTN	FOUNDATION	MC	MEDICINE CABINET	REPL	REPLACE	UTIL	UTILITY
		FE	FIRE EXTINGUISHER	MCR	METAL CORNER BEAD	REQD	REQUIRED		
C		FEC	FIRE EXTINGUISHER CABINET	MDO	MEDIUM DENSITY OVERLAD	RESIL	RESILIENT	V	VARIES
C&G	CURB AND GUTTER	FF	FINISH FLOOR	MECH	MECHANICAL	RET	RETURN	VAR	VARIES
CAB	CABINET	FFA	FROM FLOOR ABOVE	MED	MEDIUM	REV	REVISION(S), REVISED	VB	VINYL BASE
CAD	CADMIUM	FFB	FROM FLOOR BELOW	MEMB	MEMBRANE	RFL	RESILIENT FLOORING	VCT	VINYL COMPOSITION TITLE
CB	CATCH BASIN	FFEL	FINISHED FLOOR ELEVATION	MEZZ	MEZZANINE	RFG	ROOFING	VER	VERIFY
CBB	CEMENTITIOUS BACKER BOARD	FFEL	FINISHED FLOOR ELEVATION	MFD	METAL FLOOR DECKING	RFH	ROOF HATCH	VERT	VERTICAL
CBC	CALIFORNIA BUILDING CODE	FFL	FINISHED FLOOR LINE	MFR	METAL FLOOR DECKING	RGDINS	RIGID INSULATION	VEST	VESTIBULE
CEM	CEMENT	FGL	FIBERGLASS	MHR	MANUFACTUR(ER)	RL	RIGHT HAND	VF	VINYL FABRIC
CER	CERAMIC	FHC	FIRE HOUSE CABINET	MH	MANHOLE	RHMS	ROUND HEAD MACHINE SCREW	VFAT	VINYL FACED ACOUSTIC TILE
CFOI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	FHMB	FLAT HEAD MACHINE BOLT	MHM	MINIMUM	RHR	ROUND HEAD REVERSE	VIF	VERIFY IN FIELD
CFLG	COUNTERFLASHING	FHMS	FLAT HEAD MACHINE SCREW	MIR	MIRROR	RHS	ROUND HEAD WOOD SCREW	VJ	V-JOINT(ED)
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED	FHWS	FLATHEAD WOOD SCREW	MISC	MISCELLANEOUS	RL	ROOF LEADER	VNR	VENER
CG	CORNER GUARD	FIN	FINISH(ED)	ML	METAL LATH	RLG	RAILING	VR	VAPOR RETARDER
CHBD	CHALKBOARD	FJT	FLUSH JOINT	MLDG	MOLDING	RM	ROOM	VTR	VENT THROUGH ROOF
CHFR	CHAMFER	MLNWK	FLASHING	MOD	MASONRY OPENING	RND	ROUND	VWC	VINYL WALL COVERING
CI	CAST IRON	MD	MASONRY OPENING	MOD	MODULE(AR)	RO	ROUGH OPENING		
CIP	CAST IN PLACE	MOD	MODULE(AR)	MR	MOISTURE RESISTANT	ROW	RIGHT OF WAY	W	WEST
CIR	CIRCLE	MR	MOISTURE RESISTANT	MFB	MARBLE	RR	RESTROOM	W	WEST
CIRC	CIRCULAR, CIRCUMFERENCE	MRD	METAL ROOF DECKING	MS	MACHINE SCREW	RS	ROUGH SAWN	W.O.	WHERE OCCURS
CJ	CHAIN LINK OR CENTER LINE	MTD	MOUNTED	MTR	MORTAR	RTF	RUBBER TILE FLOORING	W	WITH
CL	CHAIN LINK OR CENTER LINE	MTL	METAL	MULL	MULLION	RTU	ROOF TOP UNIT	WO	WITHOUT
CLG	CEILING	N	NEW			RV	ROOF VENT	WW	WALL TO WALL
CLJ	CONTROL JOINT	(N)	NEW			RVL	REVEAL	WBL	WOOD BLOCKING
CLKG	CAULKING	N	NORTH			RTL	REVERSE (SIDE)	WC	WATER CLOSET
CLL	CONTRACT LIMIT LINE	NAT	NATURAL			RVT	RIVET(ED)	WD	WOOD
CLOS	CLOSURE	NCOMBL	NONCOMBUSTIBLE			RWD	REDWOOD	WDP	WOOD PANELING
CLR	CLEAR(ANCE)	NE	NOT EXCEEDING			RWL	RAIN WATER LEADER	WDW	WINDOW
CLRM	CLASSROOM	NE	NEAR FACE					WF	WIDE FLANGE
CMP	CORRUGATED METAL PANEL	NIC	NOT IN CONTRACT			S	SOUTH	WFS	WOOD FURRING STRIP
CMPST	COMPOSITION	NLB	NON-LOAD BEARING			S2S	SURFACED TWO SIDES	WGL	WIRED GLASS
CMU	CONCRETE MASONRY UNIT	NM	NONMETALLIC			SA	SURFACED FOUR SIDES	WH	WATER HEATER
CNCL	CONCEALED	NO	NUMBER			SA4	SUPPLY AIR	WI	WALL HUNG
CNR	CORNER	NCM	NONMIN			SALV	SALVAGE	W	WROUGHT IRON
CNTR	COUNTER	NRC	NOISE REDUCTION COEFFICIENT			SAM	SELF-ADHERED MEMBRANE	WID	WIDTH-WIDE
COL	COLUMN	NRCA	NATIONAL ROOFING CONTRACTOR'S ASSOCIATION			SAT	SUSPENDED ACOUSTICAL TILE	WLD	WELDED
COM	COMMON	NS	NEAR SIDE			SB	SPLASH BLOCK	WM	WIRE MESH
COMB	COMBINATION	NTS	NOT TO SCALE			SBST	SUBSTRATE	WP	WATERPROOF(ING)
COMP	COMPOSITE	O	OVER			SC	SOLID CORE	WPT	WORKING POINT
COMPT	COMPARTMENT	O/O	OUT TO OUT			SCD	SEAT COVER DISPENSER	WR	WIRE ROPE
CONC	CONCRETE	OC	ON CENTER			SCHED	SCHEDULE	WS	WOOD SCREW
CONF	CONFERENCE	OCC	OCCUPANTS OR OCCUPANCY			SCP	SCUMPER	WSCOT	WAINSCOT
CONN	CONNECTION	OD	OUTSIDE DIAMETER			SCRN	SCREEN	WT	WEIGHT
CONSTR	CONSTRUCTION	OFF	OFFICE			SD	STORM DRAIN	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS, CONTINUATION	OFOI	OWNER FURNISHED OWNER INSTALLED			SDBL	SANDBLAST	X	
CONTR	CONTRACT(OR)	OFS	OUTSIDE FACE OF STUD			SEC	SECONDS	XBRACE	CROSS BRACE
COORD	COORDINATE	OHMS	OHV-HEAD MACHINE SCREW			SECT	SECTION	XFMR	TRANSFORMER
CORR	CORRIDOR	OHWS	OVALHEAD WOOD SCREW			SEP	SEPERATE OR SEPERATION	XSECT	CROSS SECTION
CPR	COPPER	OPH	OPPOSITE HAND			SF	SQUARE FEET, STOREFRONT	Y	
CPRS	COMPRESS(ED), (ION), (IBLE)	OPNG	OPENING			SGL	SINGLE	Y	
CPT	CARPET	OPP	OPPOSITE			SHR	SHOWER	YCO	YARD CLEANOUT
CPS	COLD ROLLED STEEL	OPT	OPTIC			SHT	SHEET(ING)	YD	YARD
CS	CAST STONE	OPQ	OPAQUE			SHTG	SHOOTING		
CSG	CASING	OPR	OPERABLE			SHV	SHELVE(S)ING		
CSK	COUNTERSUNK	ORD	OVERFLOW ROOF DRAIN			SIM	SIMILAR		
CSMT	CASEMENT	OSB	ORIENTED STRAND BOARD			SK	SINK		
CSWK	CASEWORK	OVFL	OVERFLOW			SKLT	SKYLIGHT		
CT	CERAMIC TILE	H	HOSE BIB			SLD	SEALED		
CTB	CERAMIC TILE BASE	HB	HOLLOW CORE			SLDG	SLIDE(ING)		
CTF	CERAMIC TILE FLOOR	HC	HOLLOW CORE			SLDR	SOLDER		
CTG	COATING	HD	HEAVY DUTY			SLENT	SEALANT		
CTR	CENTER	HDAS	HEADED ANCHOR STUD			SLV	SLEEVE		
CUFF	CUBIC FOOT	HJLT	HEAD JOINT			SM	SHEET METAL		
CUIN	CUBIC INCH	HDR	HEADER			SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION		
CUST	CUSTODIAN	HDW	HARDWARE			SMLS	SEAMLESS		
CUYD	CUBIC YARD	HDWD	HARDWOOD			SND	SANITARY NAPKIN DISPENSER		
CW	CURTAIN WALL	HEX	HEXAGONAL			SNDINS	SOUND INSULATION		
		HGR	HANGER			SNDU	SANITARY NAPKIN DISPOSAL UNIT		
D	DRAIN	HLDN	HOLD DOWN			SNT	SEALANT		
D	DRAIN	HM	HOLLOW METAL			SP	SPACES		
d	PENNYWEIGHT (NAILS)					SPC	SUSPENDED PLASTER CEILING		
da	DOUBLE ACTING					SPD	SOAP DISPENSER		
DBL	DOUBLE					SPEC	SPECIFICATIONS(S)		
DEG	DEGREES					SPRIT	SUPPORT		
DEMO	DEMOLISH, DEMOLITION					SS	STAINLESS STEEL		
DEP	DEPRESSED					SSK	SERVICE SINK		
DEPT	DEPARTMENT								
DET	DETAIL								
DF	DRINKING FOUNTAIN								

## SYMBOLS LEGEND



## MATERIALS LEGEND




DSA STAMP

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-122278 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/26/2024



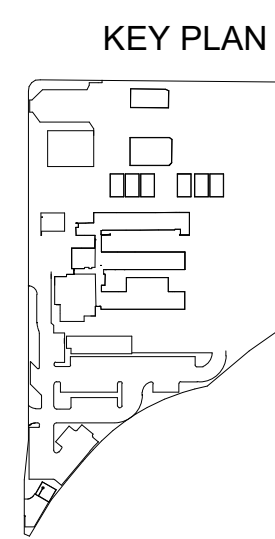
Studio W Architects  
1930 H Street  
Sacramento, California 95811  
[ T ] 916.254.5600  
[www.StudioW-Architects.com](http://www.StudioW-Architects.com)

ARCHITECT	ENGINEER
	
DATE SIGNED: 03/12/2024	

- |               |  |
|---------------|--|
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[illegible]

DRAWING STATUS		DATE
<input type="radio"/>	DSA PLAN CHECK	
<input type="radio"/>	DSA BACK CHECK	
<input type="radio"/>	BIDDING	
<input type="radio"/>	CONSTRUCTION	



WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

## DESIGN DEVELOPEMENT

WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

# ARCHITECTURAL SYMBOLS AND ABBREVIATIONS

Date	Project Number	
03/12/2024	22049	
Application Number	Drawing Number	
02-122278	A0.3	
Drawn		Checked
Author		Checker



GENERAL NOTES

EXISTING CONDITIONS  
1. ALL (E) STRUCTURES AND ITEMS ON SITE ARE APPROXIMATE BASED ON DRAWINGS FROM OWNER.  
  
BUILDING  
1. ALL EXTERIOR OUTWARD SWINGING DOORS TO HAVE A MINIMUM 5'-0" LEVEL LANDING.  
2. ALL BUILDING ENTRANCES AND EXTERIOR GROUND LEVEL EXITS SHALL BE ACCESSIBLE.  
  
ACCESSIBLE PATH OF TRAVEL  
1. SEE ACCESSIBLE PATH OF TRAVEL DEFINITION, THIS SHEET.  
2. ALL SIDEWALKS ALONG THE ACCESSIBLE ROUTE TO BE A MINIMUM OF 4'-0" WIDE, AND THERE SHALL BE NO DROP-OFFS OVER 4" AT EDGE OF WALK OR LANDING, WHERE A 4" DROP-OFF DOES OCCUR, PROVIDING A 6" HIGH WARNING CURB OR GUARD OR HANDRAIL. (SEE CBC SECTION 11B-303.3) FOR GRATINGS LOCATED IN THE SURFACE OF ANY PEDESTRIAN WALKWAY IN THE PATH OF TRAVEL, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAXIMUM IN THE DIRECTION OF TRAFFIC FLOW.  
3. 36" WIDE CONTINUOUS DETECTABLE WARNING SHALL BE USED WHERE THE PEDESTRIAN PATH CROSSES OR ADJOINS A VEHICULAR WAY (SUCH AS A DRIVEWAY) TO WARN OF POTENTIAL HAZARDS AS PER CBC 11B-705.  
4. SEE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT ON THIS SHEET FOR PATH OF TRAVEL REQUIREMENTS.

ACC. PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT

(BASED ON DSA PROCEDURE PR 15-01)  
  
THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.  
  
DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

ACCESSIBLE PARKING

BASED ON CBC TABLE 11B-208.2 "PARKING SPACES"  
  
STANDARD PARKING PROVIDED: 77 STALLS  
ACCESSIBLE PARKING PROVIDED: 04 STALLS + 01 VAN STALLS  
TOTAL PARKING PROVIDED: 82 STALLS

LOCAL FIRE AUTHORITY REVIEW

DSA #10  
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	Yes	No	N/A	NR
4. Emergency vehicle access roadways do not meet CFC requirements.				✓
4a. <b>Acceptable Alternate:</b> Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				✓
5. <b>Fire Hydrants:</b> Number and spacing does not meet CFC requirements.				✓
5a. <b>Acceptable Alternate:</b> Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				✓
6. <b>Fire Hydrants:</b> Water flow and pressure are less than CFC minimum.				✓
6a. <b>Acceptable Alternate:</b> The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				✓
7a. <b>Acceptable Alternate:</b> The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				✓

School District Acceptance of Acceptable Design Alternates  
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.  
  
Accepted by: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
  

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: West Sacramento Fire Department  
LFA Review Official: Bryan Jonson  
Title: Fire Marshal  
Work Phone: (916) 617-4608  
Work Email: bryan@cityofwestsacramento.org  
LFA Reviewer's Signature: \_\_\_\_\_  
Digitally signed by Bryan Jonson  
Date: 2024.02.22 12:04:18 -0800  
Date Signed: 01/02/24

DSA #10 (revised 12/20/20)  
DIVISION OF THE STATE ARCHITECT  
DEPARTMENT OF GENERAL SERVICES  
STATE OF CALIFORNIA  
Page 1 of 4

KEYNOTES

NUMBER	NOTE
02 115	(E) TOW AWAY SIGN
32 222	(E) CHAIN LINK GATE
33 101	(E) FIRE HYDRANT

CODE ANALYSIS

BUILDING NAME	SHADE STRUCTURE
BUILDING CONDITION	NEW
OCCUPANCY (CBC SECTION 302)	A-3
BUILDING HEIGHT	15'-0"
ALLOWABLE AREA	6,000 SF
NUMBER OF STORIES	1
TYPE OF CONSTRUCTION	V-B
SPRINKLERS	NO
SQUARE FOOTAGE	400 SF

LOCATION: PER DSA IR 31-1, SECTION 5.1:  
"SHADE STRUCTURES (SS) PROPOSED FOR LOCATION WITHIN THE FRONTAGE AREA OF A NEW OR EXISTING BUILDING DO NOT INCREASE THE FLOOR AREA OF THAT BUILDING. WHEN LOCATED WITHIN THE FRONTAGE AREA OF A BUILDING WHERE THE FRONTAGE HAS BEEN USED FOR AN AREA FACTOR INCREASE, THE SS SHALL NOT EXCEED 1/3 OF THE PROJECTED HORIZONTAL AREA OF THE FRONTAGE AREA WHERE LOCATED."  
  
FIRE SPRINKLERS: PER DSA IR 31-1 SECTION 6, AN "AUTOMATIC FIRE SPRINKLER SYSTEM IS NOT REQUIRED FOR FREE-STANDING SHADE STRUCTURES." THEREFORE, NO SPRINKLERS HAVE BEEN ADDED TO NEW SHADE STRUCTURES.  
  
FIRE ALARM: PER DSA IR 31-1, "OCCUPANTS OF SHADES STRUCTURE SHALL BE CAPABLE OF HEARING THE SIGNAL." REFER TO SITE PLAN FOR LOCATION OF FIRE ALARM NOTIFICATION APPLIANCES ADJACENT TO SHADE STRUCTURE.  
  
REFER TO ENLARGED PLAN FOR ADDITIONAL INFORMATION ON SHADE TYPE OF CONSTRUCTION, OCCUPANCY TYPE, AND EGRESS.

DSA #10 (revised 12/20/20)  
DIVISION OF THE STATE ARCHITECT  
DEPARTMENT OF GENERAL SERVICES  
STATE OF CALIFORNIA  
Page 2 of 4

BUILDING DSA APPLICATIONS

BUILDING ID	DSA APPLICATION NUMBER(S)
BUILDING A	13249, 02-100513, 02-113987
BUILDING B	9864, 02-100513, 02-111594, 02-113987
BUILDING C	13249, 02-100513, 02-113987
BUILDING D	9864, 02-100513, 02-113987
BUILDING E	9864, 02-100513, 02-111594, 02-116464
BUILDING F	9864, 50186, 02-100513, 02-111594, 02-116464
BUILDING G	9864, 02-100513, 02-111594, 02-116464
BUILDING H	21394, 02-114188, 02-111594
BUILDING P1	02-101032
BUILDING P2	02-101032
BUILDING P3	02-101032
BUILDING P5	02-102260
BUILDING P6	02-102260
MECHANICAL YARD	02-113987
SOLAR PANELS 1	02-114426
SOLAR PANELS 2	02-114426
GREENHOUSE	02-115551

LEGEND

(E) BUILDING, NOT UNDER SCOPE OF WORK

BUILDING UNDER SCOPE OF WORK

20'-0" WIDE MINIMUM CLEAR FIRE ACCESS LANE

ACCESSIBLE BATHROOM FACILITIES:  
(W) WOMENS (M) MENS  
(G) GIRLS (B) BOYS  
(S) ALL GENDER STAFF (SINGLE OCCUPANCY)  
(N) ALL GENDER STUDENT (SINGLE OCCUPANCY)  
(DF) DRINKING FOUNTAIN

EXISTING BATHROOM FACILITIES:  
(W) WOMENS (M) MENS  
(G) GIRLS (B) BOYS  
(S) ALL GENDER STAFF (SINGLE OCCUPANCY)  
(N) ALL GENDER STUDENT (SINGLE OCCUPANCY)  
(E) DRINKING FOUNTAIN

ACCESSIBLE PATH OF TRAVEL, SEE DEFINITION ON THIS SHEET

PROPERTY LINE

FIRE HYDRANT AND 75' RADIUS CIRCLE

LOCATION OF ACCESSIBLE EXTERIOR EXIT DOORS, ENTRANCES, AND EGRESS

CODE ANALYSIS SITE PLAN

1" = 30'-0"

15

WASHINGTON UNIFIED SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

DESIGN DEVELOPEMENT

WUSD BRYTE CAREER & COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

CODE ANALYSIS SITE PLAN

Date  
03/12/2024

Application Number  
02-122278

Drawn  
Author

Checked  
Checker

Project Number  
22049

Drawing Number  
02-122278

A0.5

ARCHITECT

ENGINEER

GENERAL NOTES

REVISION HISTORY

DRAWING STATUS

KEY PLAN

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NO.	REMARKS	DATE

DATE  
03/12/2024

DATE  
03/12/2024

DATE  
03/12/2024

WASHINGTON UNIFIED SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

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22049

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A0.5

PRINT DATE: 3/22/2024 8:53:02 PM  
FILE PATH: BIM\300\22049\Washington USD Bryte Career and College Training-Site-A21.rvt

3/22/2024 8:53:02 PM  
BIM\300\22049\Washington USD Bryte Career and College Training-Site-A21.rvt



CIVIL ABBREVIATIONS AND LEGEND

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
J	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
R	REINFORCED CONCRETE PIPE
R	RADIUS
RIM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TR	TOP OF RAMP ELEVATION
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALL
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UCN	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

	STORM DRAIN LINE (SIZE AND FLOW SHOWN)
	STORM DRAIN MANHOLE (SDMH)
	CATCH BASIN (CB)
	DROP INLET (DI)
	AREA DRAIN (AD)
	PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
	STORM DRAIN CLEANOUT
	ELEVATION
	FINISHED FLOOR ELEVATION
	BUILDING PAD ELEVATION
	CONCRETE SIDEWALK
	GRADED DIRECTION FOR DRAINAGE FLOW
	SWALE
	SLOPE
	TREE TO BE REMOVED
	RETAINING WALL

PROPOSED SANITARY SEWER SYMBOLS:

	SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
	SANITARY SEWER MANHOLE (SSMH)
	SEWER CLEANOUT FLUSHER BRANCH

PROPOSED WATER SYMBOLS:

	WATER LINE & SIZE
	FIRE LINE & SIZE
	DOMESTIC WATER LINE & SIZE
	RECLAIMED WATER LINE & SIZE
	IRRIGATION SERVICE LINE & SIZE
	NON POTABLE WATER LINE & SIZE
	FIRE SPRINKLER SERVICE LINE & SIZE
	GATE VALVE
	WATER METER
	FIRE HYDRANT ASSEMBLY
	FIRE DEPARTMENT CONNECTION
	DETECTOR CHECK VALVE
	DOUBLE DETECTOR CHECK VALVE
	REDUCED PRESSURE BACKFLOW PREVENTER
	BUTTERFLY VALVE
	AIR RELEASE VALVE + SIZE
	BLOW-OFF VALVE + SIZE
	POST INDICATOR VALVE

DEMOLITION GENERAL NOTES

- REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT.
- EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
- SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
- PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
- WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
- COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

GENERAL NOTES

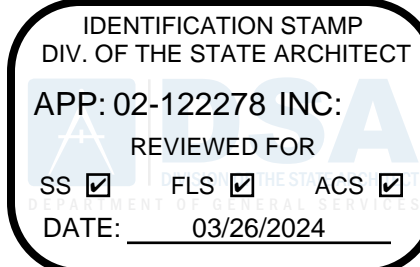
- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2660, OR 811.
- WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS OR VERTICAL IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS.
- WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND, WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS. CONTOURS OR GRASS ARE SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
- CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
- ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB SLAB CONSTRUCTION.
- SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE, REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
- ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDROSEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
- REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.
- AT LIMITS OF NEW PAVEMENT OR CURBS ADJACENT TO LANDSCAPING PROVIDE A 4:1 MINIMUM TRANSITION TO EXISTING GRADE WITH TOPSOIL. ADJUST EXISTING IRRIGATION HEADS TO FINISH GRADE AND PROVIDE SOD IN GRASS AREAS TO RESTORE TO EXISTING CONDITION.
- WITHIN LIMITS OF WORK THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ARCHITECT FOR DIRECTION.
- GENERAL CONTRACTOR IS REQUIRED TO HIRE A LANDSCAPE SUBCONTRACTOR TO PERFORM ALL LANDSCAPE AND IRRIGATION REPAIRS.
- ALL TRANSITIONS TO EXISTING PAVEMENT SHAL BE A SMOOTH AND LEVEL TRANSITION.
- WIDTH OF NEW SIDEWALKS SHALL MATCH WIDTH OF EXISTING, ADJACENT, SIDEWALKS.
- SEE ARCHITECTURAL PLANS FOR EXPANSION AND CONTROL JOINT LAYOUT.
- ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.
- FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
- PERCENT OF SLOPE SHOWN ON ARROWS ARE MAXIMUM SLOPES AND NOT INTENDED TO SUPERCEDE SLOPES  $\frac{0.0\%}{MAX}$  DEFINED BY SPOT ELEVATIONS.
- WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA AND ACCESSIBLE DROP OFF ZONE THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION.
- TRANSITIONS BETWEEN CONCRETE AND OR ASPHALT SURFACES SHALL BE FLUSH, UNLESS NOTED OTHERWISE BY CURB OR STEP.
- TRANSITION BETWEEN PAVED SURFACES AND LANDSCAPE AREAS SHALL BE NO GREATER THAN 1", UNLESS NOTED OTHERWISE.
- THE MINIMUM SLOPE AWAY FROM THE BUILDING ON PAVED SURFACES SHALL BE 1%.



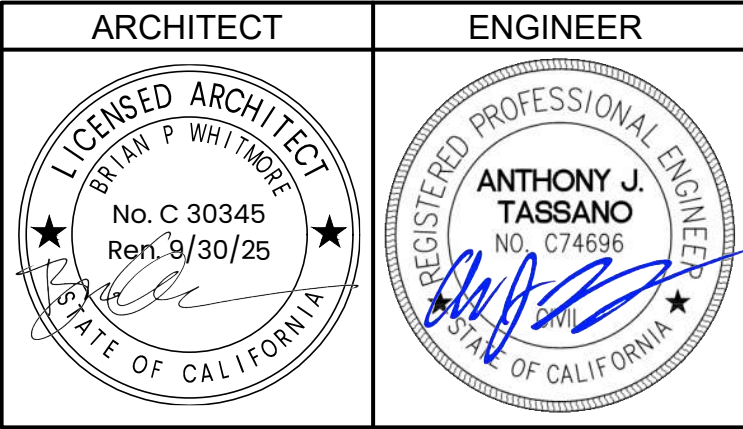
CIVIL SHEET INDEX

- C0.0 CIVIL GENERAL NOTES AND ABBREVIATIONS
- C0.1 TOPOGRAPHIC SURVEY
- C0.2 UTILITY SURVEY
- C1.1 DEMOLITION PLAN
- C2.1 GRADING AND PAVING PLAN
- C3.1 UTILITY PLAN
- C4.1 DETAILS AND SECTIONS

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Studio W Architects  
1930 H Street  
Sacramento, California 95811  
[T] 916.254.5600  
www.StudioW-Architects.com



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NO.	REMARKS	DATE

DATE	
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CONSTRUCTION DOCUMENTS

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CIVIL GENERAL  
NOTES AND  
ABBREVIATIONS

Date

11/20/2023

Application Number

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Drawn

AT

Project Number

22049

Drawing Number

C0.0



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










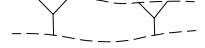




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## TOPOGRAPHIC SURVEY

## C0.1

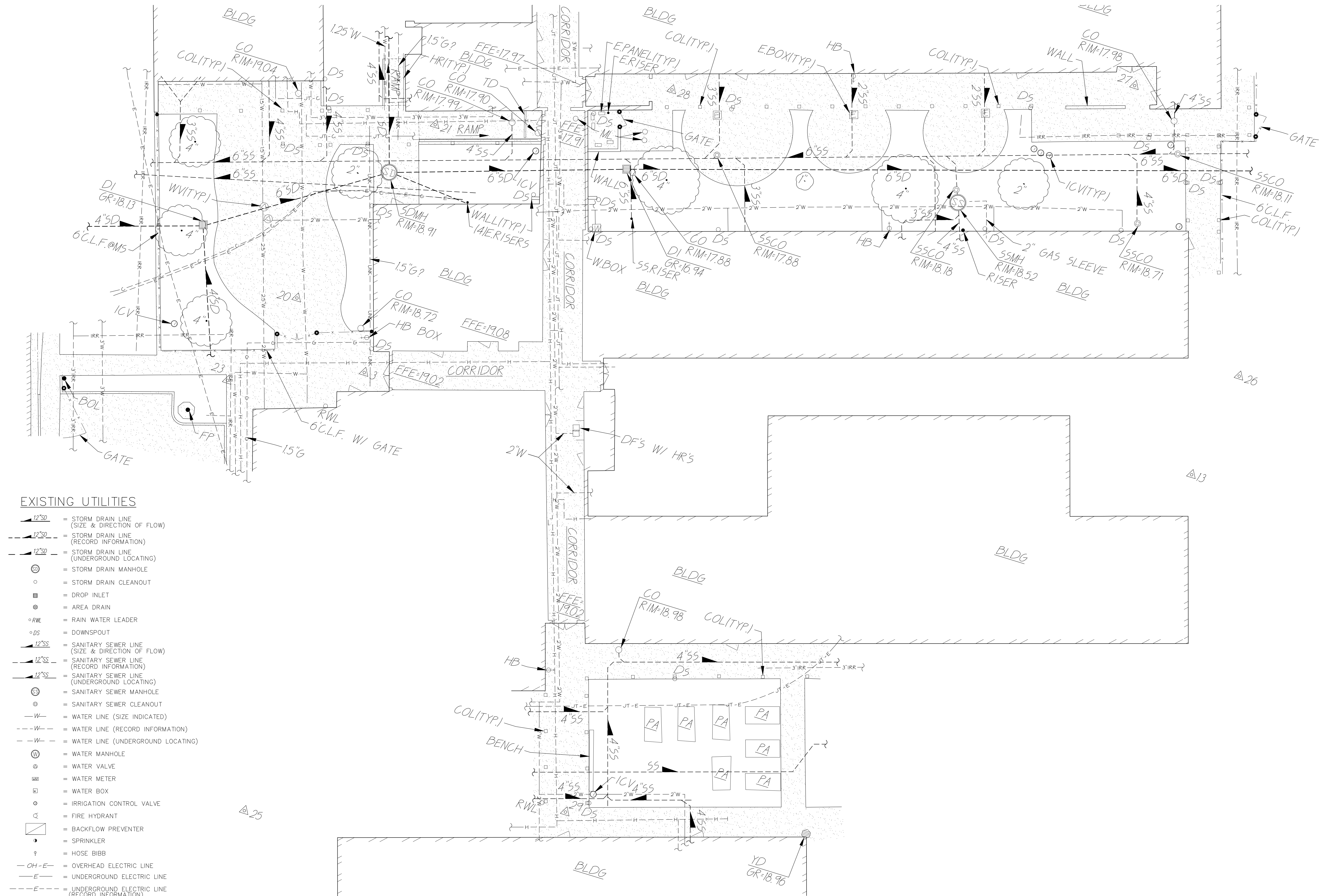


	= PROPERTY LINE
	= CENTERLINE
	= EASEMENT
	= PROPERTY CORNER FOUND AS NOTED
	= PROPERTY CORNER NOTHING FOUND OR SET
	= TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
	= SWALE OR DRAINAGE FLOW
	= DRAINAGE FLOW
	= FENCE (TYPE NOTED)
	= TREE (SIZE/TYPE INDICATED)
	= SLOPE
	= CONTOUR
	= CONCRETE SURFACE
	= EDGE OF ASPHALT
	= EDGE OF BUILDING
	= SIGN
	= POST OR BOLLARD
	= GROUND ELEVATION
	= HARD SURFACE ELEVATION

TBM LIST				
NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	CPS CHISELED "+"	6100.92	9918.61	16.82
2	CPS CHISELED "+"	5936.40	9968.91	16.98
3	CPS CHISELED "+"	6027.23	10063.96	18.96
7	CPS CHISELED "+"	6163.10	10109.05	17.68
8	CPS CHISELED "+"	6176.02	10174.00	17.77
13	CPS CHISELED "+"	6062.35	10262.02	18.90
17	CPS CHISELED "+"	6100.92	9918.61	16.82
18	CPS CHISELED "+"	5936.40	9968.91	16.98
20	CPS CHISELED "+"	6039.62	10043.15	18.77
21	CPS CHISELED "+"	6009.49	10062.73	18.61
22	CPS CHISELED "+"	6154.03	10086.29	18.65
23	CPS CHISELED "+"	6015.70	10032.96	18.71
24	CPS CHISELED "+"	5823.46	10096.18	18.23
25	CPS CHISELED "+"	5917.63	10067.41	18.87
26	CPS CHISELED "+"	6088.46	10266.00	18.83
27	CPS CHISELED "+"	6148.07	10221.26	17.98
28	CPS CHISELED "+"	6114.26	10114.87	17.98
29	CPS CHISELED "+"	5940.09	10141.56	19.00



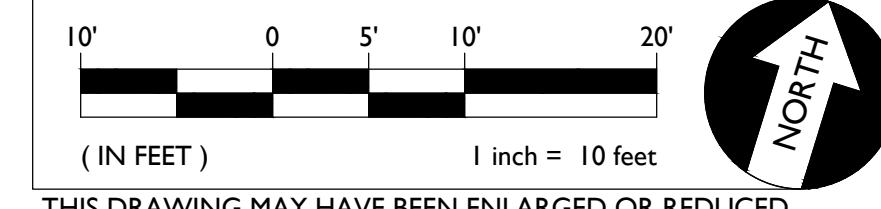
TODHUNTER  
AVENUE



#### EXISTING UTILITIES

- = STORM DRAIN LINE (SIZE & DIRECTION OF FLOW)
- = STORM DRAIN LINE (RECORD INFORMATION)
- = STORM DRAIN LINE (UNDERGROUND LOCATING)
- = STORM DRAIN MANHOLE
- = STORM DRAIN CLEANOUT
- = DROP INLET
- = AREA DRAIN
- = RAIN WATER LEADER
- = DOWNSPOUT
- = SANITARY SEWER LINE (SIZE & DIRECTION OF FLOW)
- = SANITARY SEWER LINE (RECORD INFORMATION)
- = SANITARY SEWER LINE (UNDERGROUND LOCATING)
- = SANITARY SEWER MANHOLE
- = SANITARY SEWER CLEANOUT
- = WATER LINE (SIZE INDICATED)
- = WATER LINE (RECORD INFORMATION)
- = WATER LINE (UNDERGROUND LOCATING)
- = WATER MANHOLE
- = WATER VALVE
- = WATER METER
- = WATER BOX
- = IRRIGATION CONTROL VALVE
- = FIRE HYDRANT
- = BACKFLOW PREVENTER
- = SPRINKLER
- = HOSE BIBB
- = OVERHEAD ELECTRIC LINE
- = UNDERGROUND ELECTRIC LINE
- = UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- = ELECTRIC MANHOLE
- = UTILITY POLE (WITH GUY WIRE)
- = ELECTRIC METER
- = ELECTRIC BOX
- = STREET LIGHTING BOX
- = LIGHT STANDARD
- = SIGNAL LIGHT
- = FLOOD LIGHT
- = ELECTRICAL OUTLET
- = GAS LINE (SIZE INDICATED)
- = GAS LINE (RECORD INFORMATION)
- = GAS LINE (UNDERGROUND LOCATING)
- = GAS MANHOLE
- = GAS VALVE
- = GAS METER
- = TELEPHONE LINE
- = TELEPHONE LINE (RECORD INFORMATION)
- = TELEPHONE LINE (UNDERGROUND LOCATING)
- = STORM DRAIN BOX
- = TRAFFIC SIGNAL BOX

#### GRAPHIC SCALE



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DIV. OF THE STATE ARCHITECT  
APP: 02-122278 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/26/2024



Studio W Architects  
1930 H Street  
Sacramento, California 95811  
[T] 916.254.5600  
www.StudioW-Architects.com

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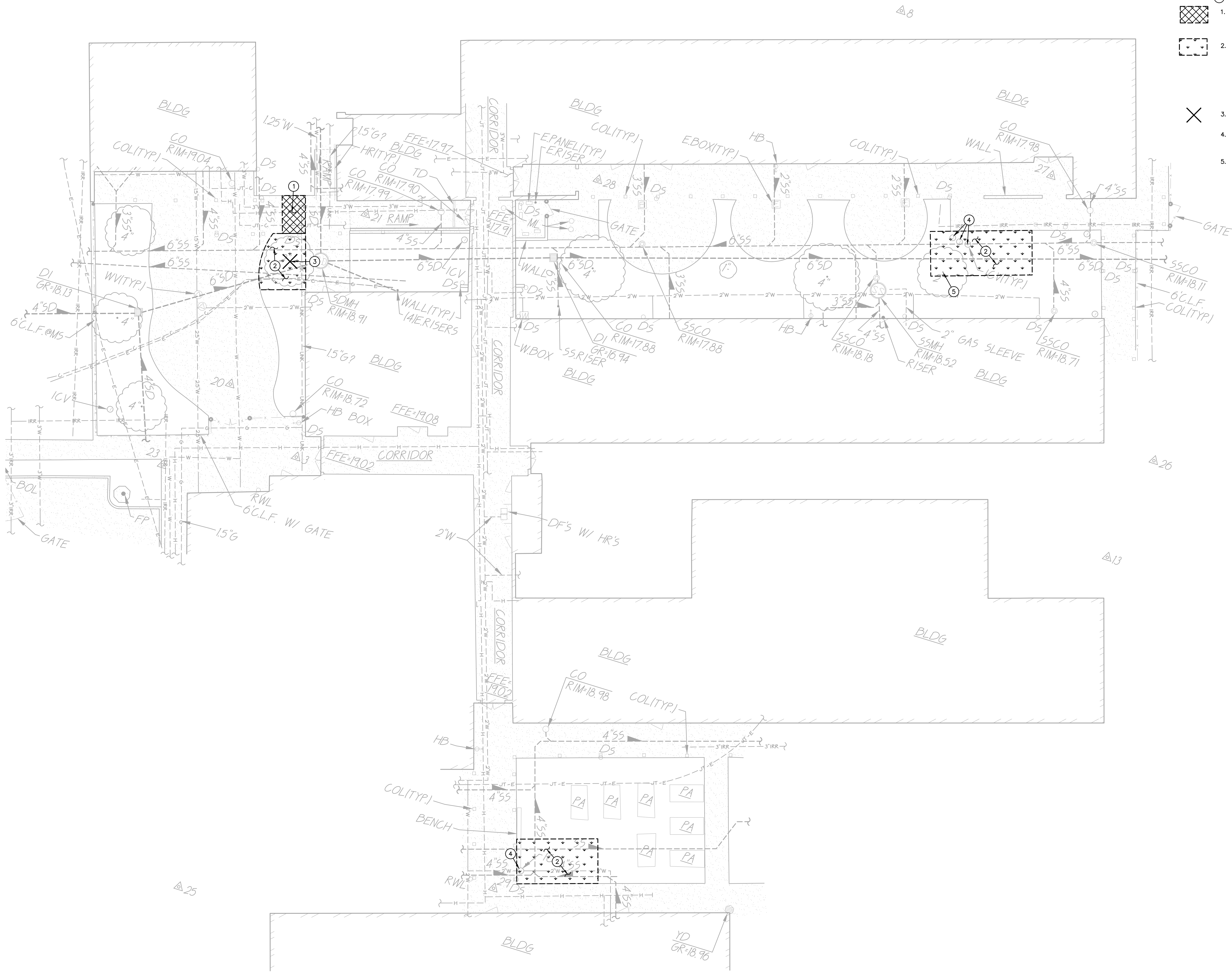
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#### UTILITY SURVEY

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Application Number	Drawing Number
Drawn AT	Checked AT

C0.2





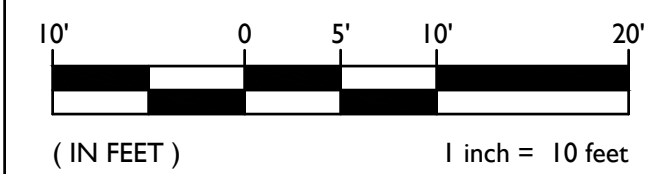
DEMOLITION NOTES



1. SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING TO NEAREST JOINT AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
2. REMOVE AND DISPOSE OF EXISTING LANDSCAPING, TURF AND ASSOCIATED IRRIGATION PIPING/SPRINKLERS WITHIN AREAS OF WORK. CUT AND CAP ANY MAINLINES NEAR WHERE THEY ENTER THE BOUNDARY OF THE PROJECT. MARK ALL CAPPED LINES WITH AN IRRIGATION VALVE BOX. ALL EXISTING IRRIGATION AREAS OUTSIDE THE PROJECT WORK AREA SHALL BE MAINTAINED WITH PROPER SPRINKLER COVERAGE TO TURF AREAS TO REMAIN.
3. REMOVE AND DISPOSE OF EXISTING TREE, TRUNK AND ASSOCIATED ROOTS.
4. REMOVE AND RELOCATE EXISTING IRRIGATION CONTROL VALVE, WIRING AND IRRIGATION PIPING OUTSIDE LIMITS OF NEW FLATWORK. PROVIDE NEW VALVE BOX.
5. EXISTING TREE TO REMAIN.



GRAPHIC SCALE



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ARCHITECT



ENGINEER



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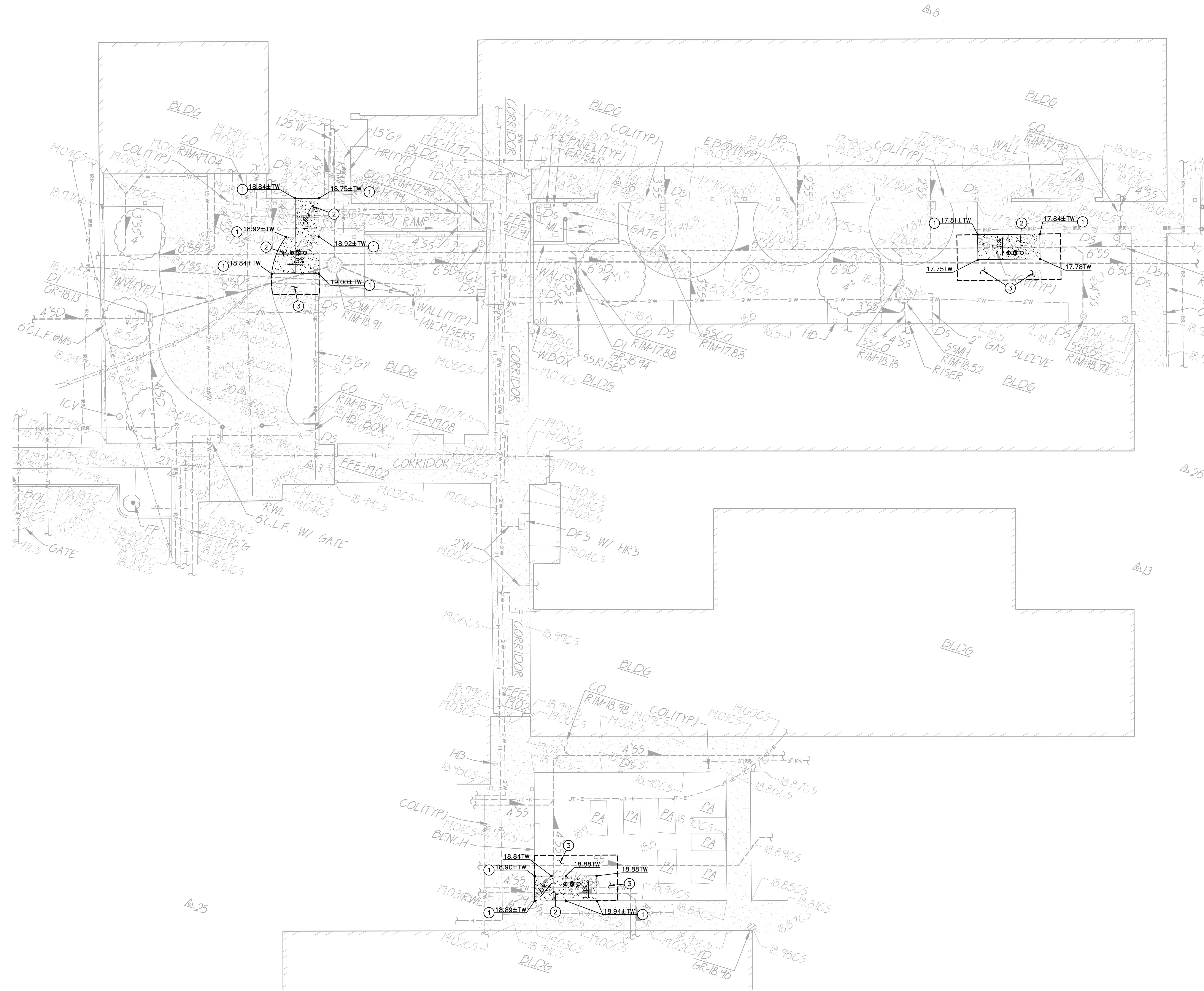
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DEMOLITION PLAN

Date 11/20/2023	Project Number 22049
Application Number .	Drawing Number C1.1
Drawn AT	Checked AT





SUBGRADE PREPARATION

1. FOLLOWING SITE DEMOLITION ACTIVITIES:

EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES, MOISTURE CONDITION TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY DETERMINED BY THE ASTM D1557 TEST METHOD.

GRADING AND PAVING NOTES

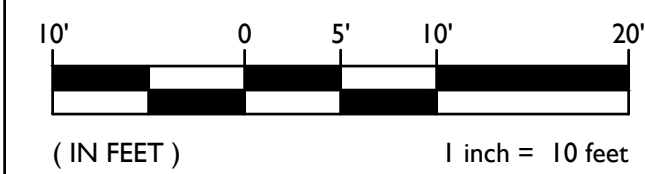
1. MATCH EXISTING GRADE/ELEVATION.



2. CONSTRUCT CONCRETE FLATWORK PER PLACE 5\"/>

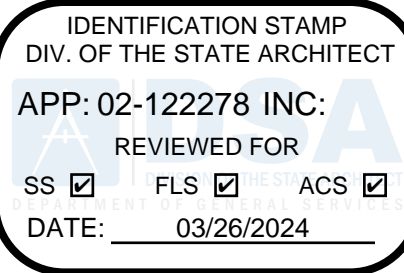
3. PLACE BARK/MULCH IN ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES THAT ARE NOT TO RECEIVE PAVEMENT. PROVIDE NEW SPRINKLER HEADS AND PIPING AS REQUIRED TO ACHIEVE PROPER COVERAGE.

GRAPHIC SCALE



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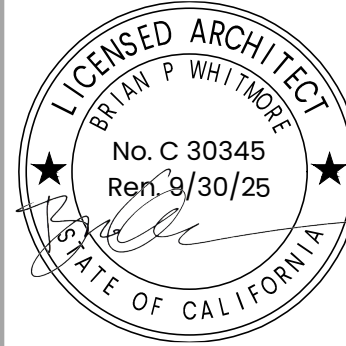


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Studio W Architects  
1930 H Street  
Sacramento, California 95811  
[T] 916.254.5600  
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NO.	REMARKS	DATE

DRAWING STATUS	<input type="radio"/> DSA PLAN CHECK
	<input type="radio"/> DSA BACK CHECK
	<input type="radio"/> BIDDING
	<input type="radio"/> CONSTRUCTION

WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

CONSTRUCTION DOCUMENTS

WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

GRADING AND  
PAVING PLAN

Date

11/20/2023

Application Number

.

Drawn

AT

Project Number

22049

Drawing Number

C2.1











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1930 H Street  
Sacramento, California 95811  
[ T ] 916.254.5600  
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<p><b>ARCHITECT</b></p>  <p>Seal of the State of California, Licensed Architect. The seal is circular with "LICENSED ARCHITECT" at the top and "STATE OF CALIFORNIA" at the bottom. In the center, it reads "BARBAR P WHITMORE", "No. C 30345", and "Ren. 8/30/25". There is a signature across the seal.</p>	<p><b>ENGINEER</b></p>  <p>Seal of the State of California, Registered Professional Engineer. The seal is circular with "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF CALIFORNIA" at the bottom. In the center, it reads "ANTHONY J. TASSANO", "No. C74656", and "Exp. 12/31/25". There is a signature across the seal.</p>
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- |               |  |
|---------------|--|
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[illegible]

		DATE
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	<input type="radio"/> DSA BACK CHECK	
	<input type="radio"/> BIDDING	
	<input type="radio"/> CONSTRUCTION	

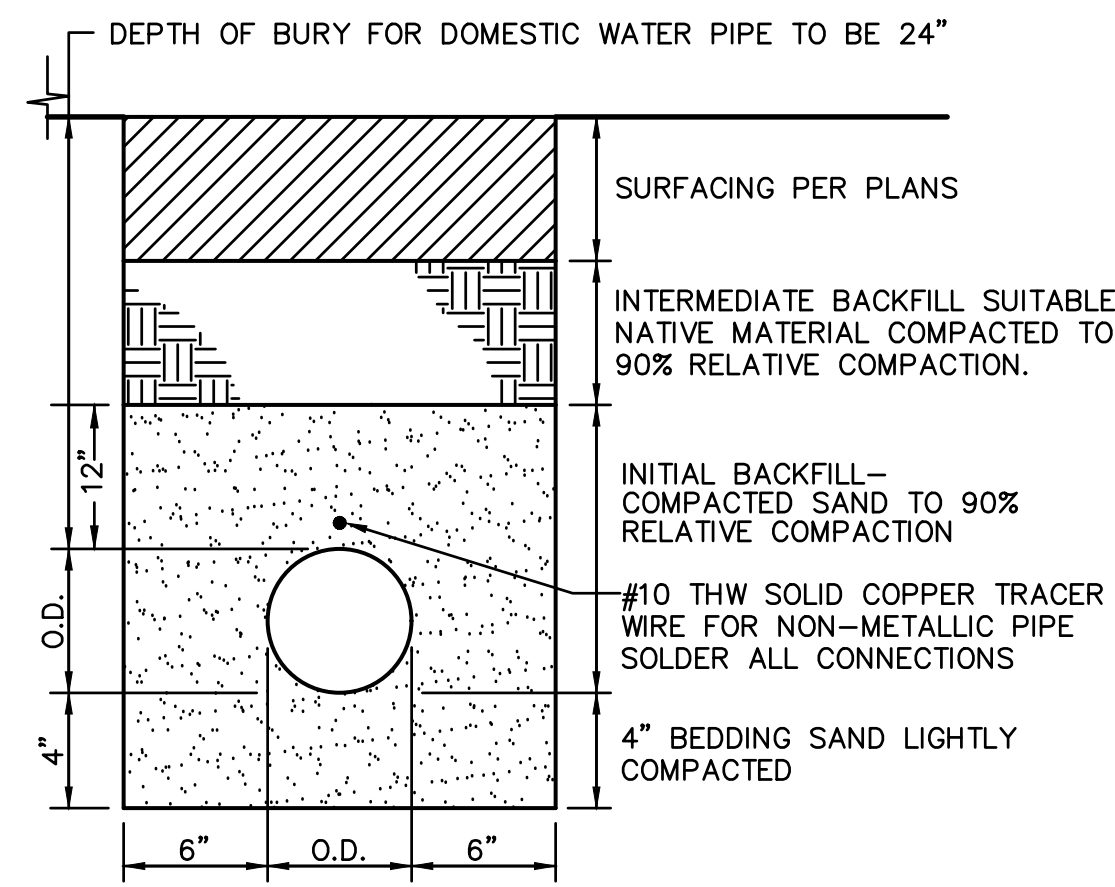
WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

## CONSTRUCTION DOCUMENTS

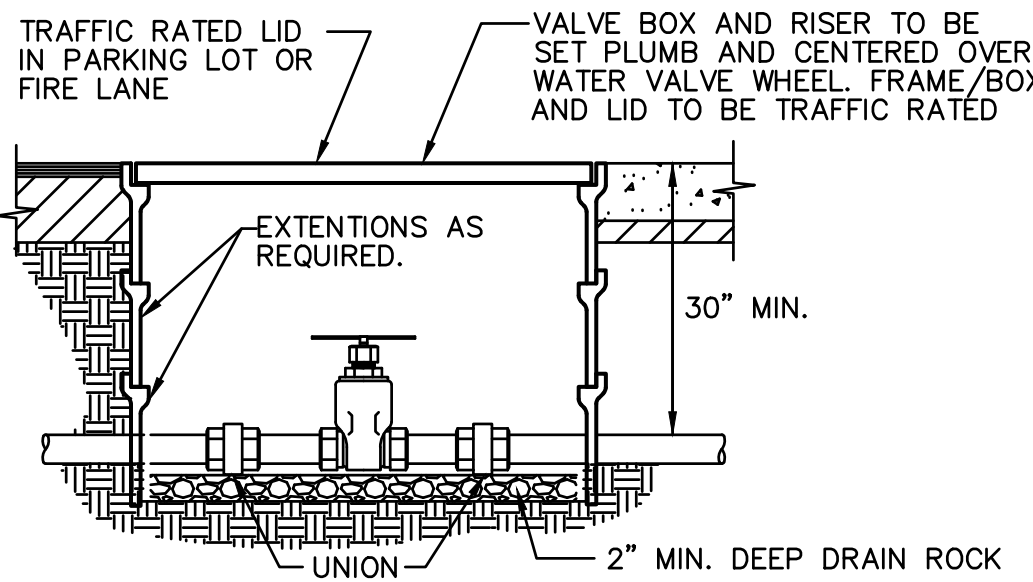
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ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

## DETAILS AND SECTIONS

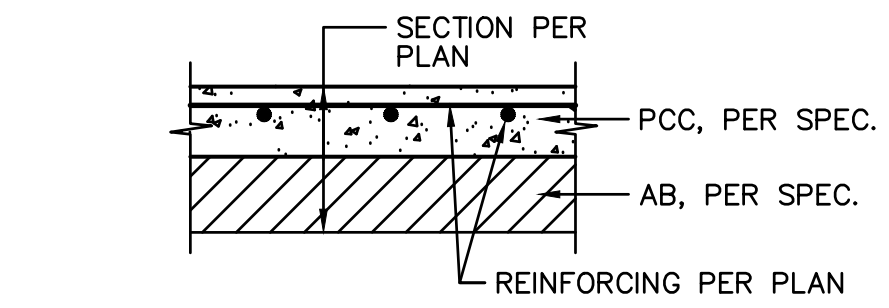
Date	Project Number
1/20/2023	22049
Application Number	Drawing Number
	<b>C4.1</b>
Drawn	Checked
AT	AT



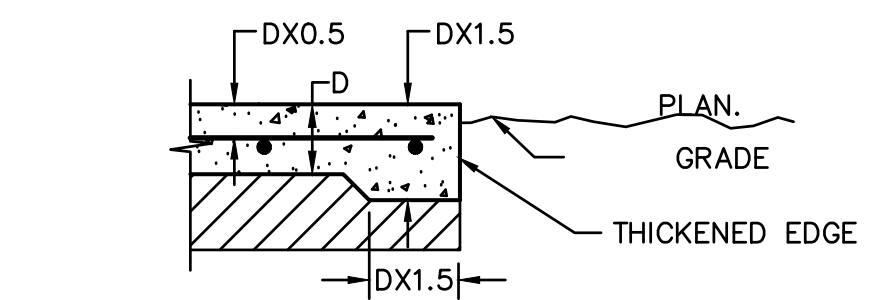
3 WATER TRENCH  
C4.1 NO SCALE



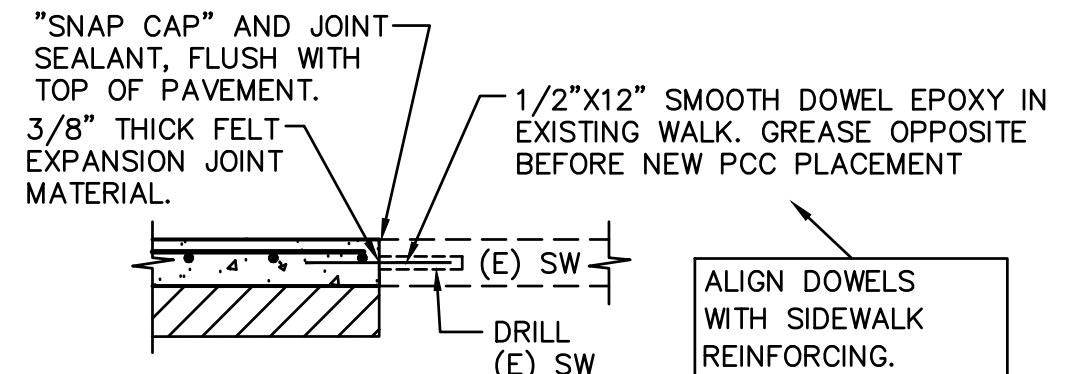
4 WATER VALVE  
C4.1 1/2" TO 3" PIPE NO SCALE



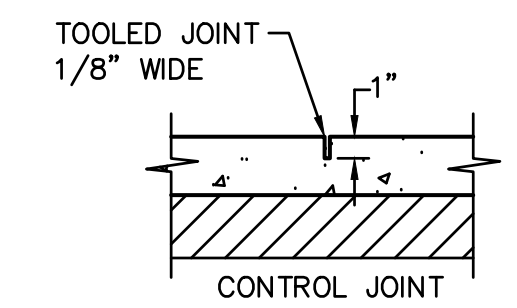
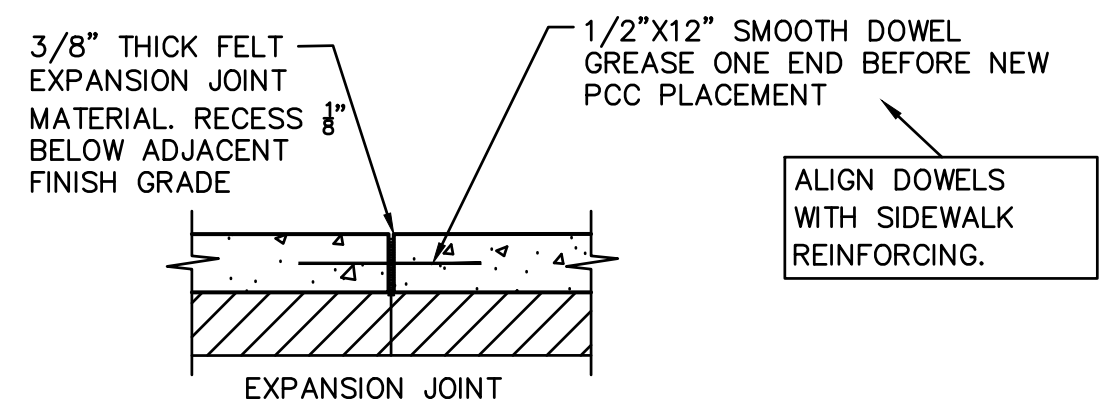
TYPICAL SECTION



TYPICAL THICKENED EDGE

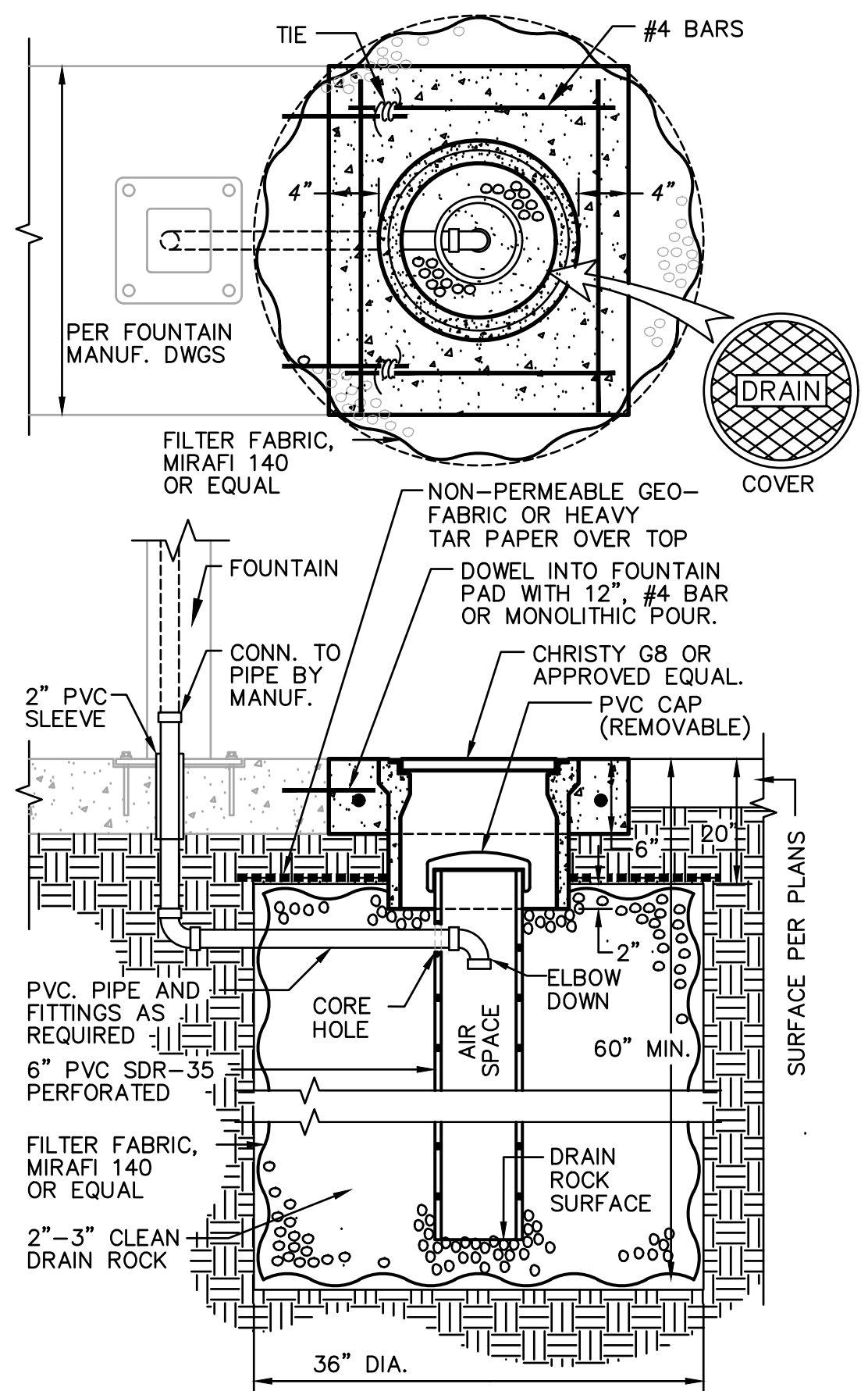


### CONNECTION TO (E) CONCRETE



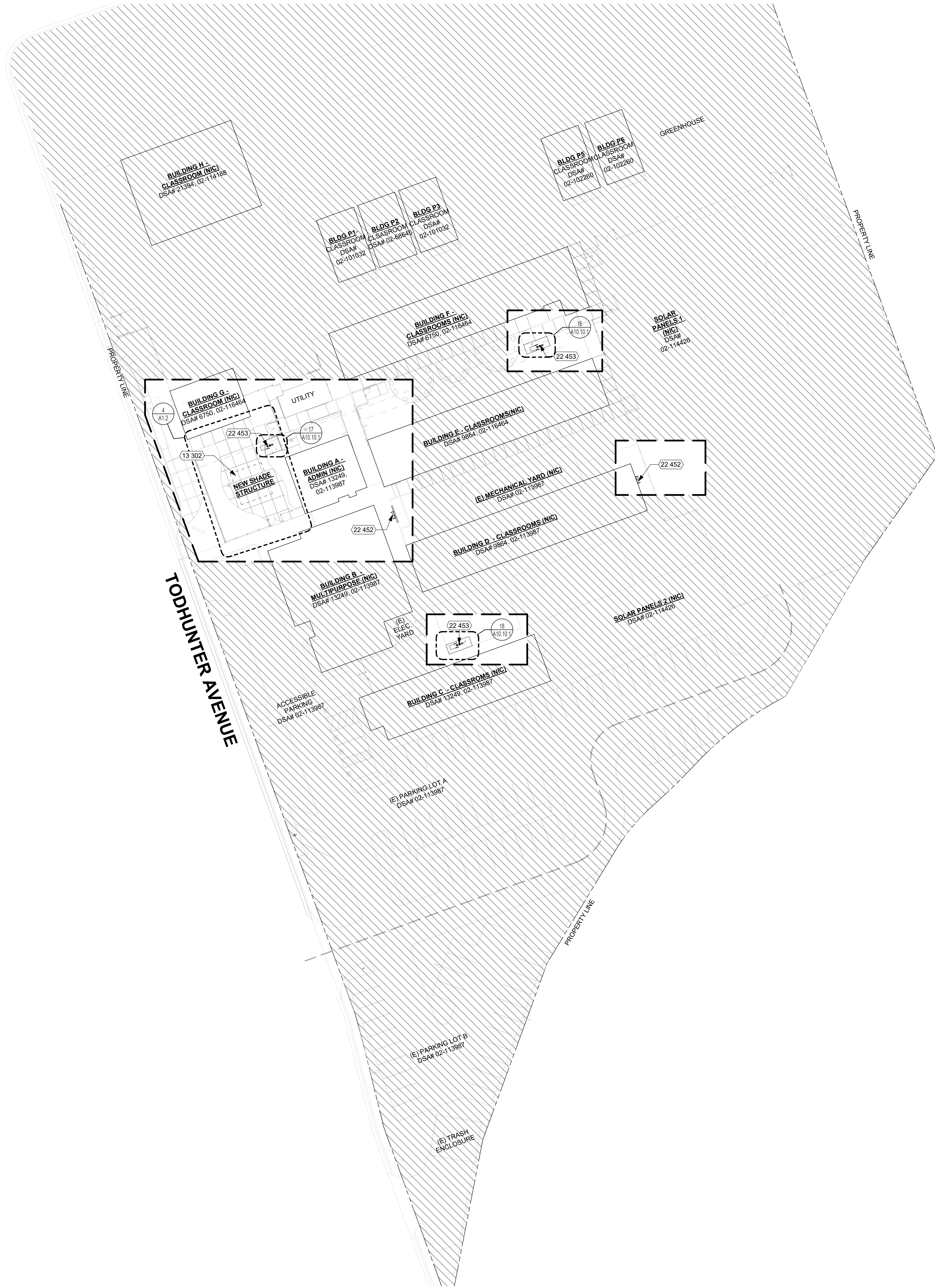
- NOTES:**
1. PROVIDE FELT EXPANSION JOINTS AT 20 FEET O.C. MAX..  
PROVIDE CONTROL JOINTS AT 8 FEET O.C. MAX.
  2. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED  
1/2" IN SURFACE WIDTH.

1 CONCRETE SIDEWALK  
C4.1 NO SCALE



# 2 DRINKING FOUNTAIN DRYWELL





KEYNOTES

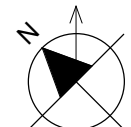
NUMBER	NOTE
13 302	NEW FABRIC SHADE STRUCTURE (SEE PC DRAWINGS)
22 452	H/L-O EXTERIOR DRINKING FOUNTAIN WITH BOTTLE FILLER (SEE DETAIL 1/A10.10.1)
22 453	H/L-O FREE STANDING DRINKING FOUNTAIN WITH BOTTLE FILLER (SEE DETAIL 4/A10.10.1)

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR 6'-0" HIGH TEMPORARY CONSTRUCTION BARRIER WITH VISION SCREEN AT STAGING, STORAGE AND CONSTRUCTION AREA WITH SIGNAGE EVERY 20'-0" TO WARN STUDENTS OF CONSTRUCTION AREA.
- CONTRACTOR SHALL ACCESS THE SITE FROM TODHUNTER AVE. ANY DAMAGE TO FIRE LANE WILL BE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO REPAIR BACK TO EXISTING CONDITIONS ALL LAYDOWN AREAS AT THE END OF CONSTRUCTION. THIS INCLUDES LANDSCAPE AREAS AND ANY BROKEN SPRINKLERS, VALVE BOXES, CONCRETE, ASPHALT, ETC.
- CONTRACTOR SHALL REPLACE, RECONSTRUCT AND REPAIR ALL EXISTING WORK THAT IS IMPACTED, DAMAGED, OR DESTROYED AS A RESULT OF ANY CONTRACTOR WORK INCLUDING, BUT NOT LIMITED TO, HARDSCAPING, SIDEWALKS, IRRIGATION SYSTEMS, LANDSCAPING, LAWNS, STRUCTURES AND UTILITIES - ALL TO THE SATISFACTION OF THE DISTRICT.
- WHERE ASPHALT OR CONCRETE IS BEING REPAATCHED, CONTRACTOR SHALL PROVIDE EVEN AND STRAIGHT LINE CUTS WITH 2-FOOT STRAIGHT SLURRY SEAL SURFACE PATCH ON BOTH SIDES OF CUT.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS, ETC., AND TO PREVENT HAZARDS TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN AND INSTALLED BY ANY OTHER CONTRACTS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
- CONTRACTOR TO TAKE PHOTOS OF ALL DEMO ITEMS IN SCOPE PRIOR TO REMOVAL.
- SALVAGE ALL DRINKING FOUNTAINS TO BE REMOVED IN SCOPE, AND RETURN TO DISTRICT.
- CONTRACTOR SHALL RE-ROUTE AND REPAIR ANY IRRIGATION LINES AND HEADS IN THE WAY OF NEW WORK TO ENSURE A FULLY FUNCTIONING SYSTEM AT THE END OF CONSTRUCTION.

LEGEND

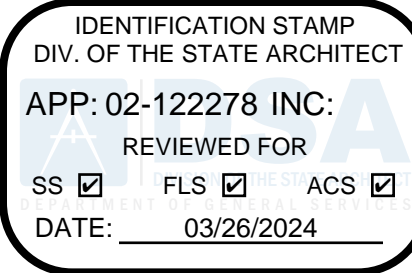
	PROPERTY LINE
	LIMIT OF WORK
	NOT IN SCOPE
	LINE OF ROOF, SKYLIGHT, OR SOFFIT OVERHEAD - SHOWN DASHED
	FIRE HYDRANT
	(N) CONCRETE PAVING, SEE CIVIL DRAWINGS
	(N) CONCRETE ASPHALT, SEE CIVIL DRAWINGS



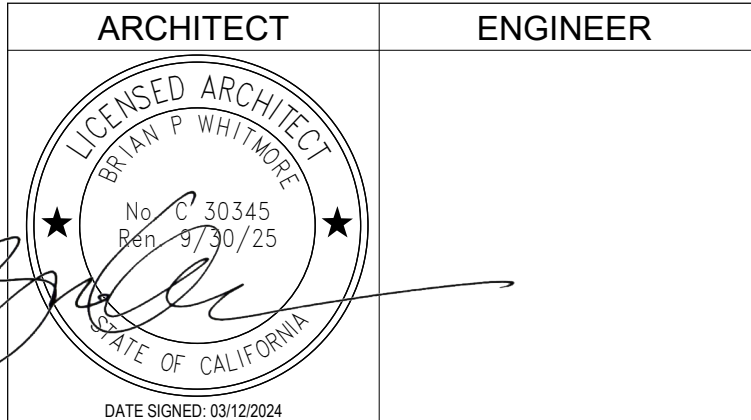
SITE PLAN

1" = 30'-0"

10



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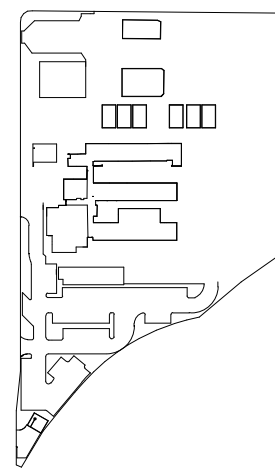


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NO.	REMARKS	DATE

DRAWING STATUS	DATE
<input type="radio"/> DSA PLAN CHECK	
<input type="radio"/> DSA BACK CHECK	
<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	

KEY PLAN



WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
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DESIGN DEVELOPEMENT

WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

SITE PLAN OVERALL

Date  
03/12/2024

Project Number  
22049

Application Number  
02-122278

Drawing Number

Drawn  
Author

Checked  
Checker

A1.1



REF: 10 / A1.1

### KEY NOTES

NUMBER	NOTE
22 453	H/L/O FREE STANDING DRINKING FOUNTAIN WITH BOTTLE FILLER (SEE DETAIL 4/A10.10.1.)
32 102	CONCRETE PAVING. (SEE CIVIL DWGS.)



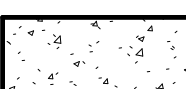
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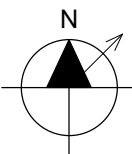
- NOTES:
- REFER TO MANUFACTURER'S SHEET 28.1-1000 FOR FRAME AND SHEET 28.2-2000 FOR ROOF COVERING MATERIAL.
  - LOCATION OF NEW SHADE STRUCTURE DOES NOT BLOCK REQUIRED EXITS OR EXIT ROUTE. CLEAR HEIGHT OF SHADE STRUCTURES SHALL BE 10'-0".
  - OCCUPANT LOAD FOR SHADE STRUCTURES SHALL BE PER DSA IR 51-1.
  - ACCESSIBLE GATES WITH PANIC HARDWARE AND "NIGHT LATCH" (NL) FUNCTION SHALL BE DOGGED DURING THE TIME THE FACILITY IS OPEN. TYPICAL THE DOGGING OPERATION WILL BE PERFORMED ONLY BY EMPLOYEES AS THEIR JOB FUNCTION.

### LEGEND

**ROOM**  
A101 [B]  
150 SF  
1 OCC.

ROOM = ROOM NAME  
A101 = ROOM NUMBER  
B = OCCUPANCY GROUP  
150 SF = FLOOR AREA IN SQUARE FEET  
1 OCC = OCCUPANT LOAD (CBC TABLE 1004.5)

-  BUILDING UNDER SCOPE OF WORK
-  (N) SHADE STRUCTURE (UNDER THIS SCOPE OF WORK)
-  (N) CONCRETE PAVING, SEE CIVIL DRAWINGS



ENLARGED SHADE STRUCTURE

1/8" = 1'-0"

4

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DIV. OF THE STATE ARCHITECT  
APP: 02-122278 INC:  
REVIEWED FOR:  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/26/2024

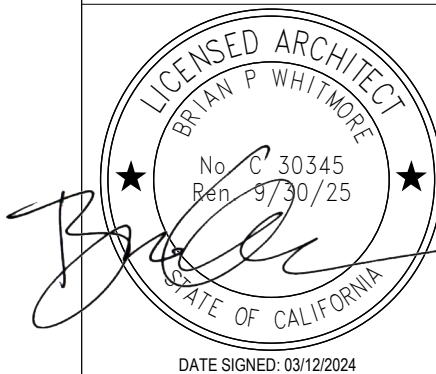


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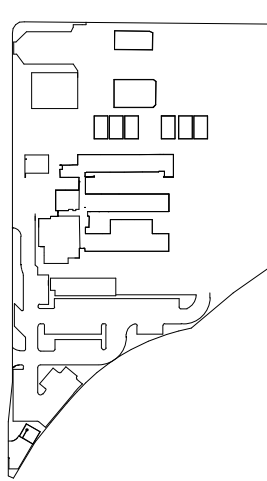
NO.	REMARKS	DATE

REVISION HISTORY

DRAWING STATUS

☐ DSA PLAN CHECK  
☐ DSA BACK CHECK  
☐ BIDDING  
☐ CONSTRUCTION

#### KEY PLAN



WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

DESIGN DEVELOPEMENT

WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

ENLARGED SITE PLAN

Date

03/12/2024

Application Number

02-122278

Drawn

Author

Checked

Checker

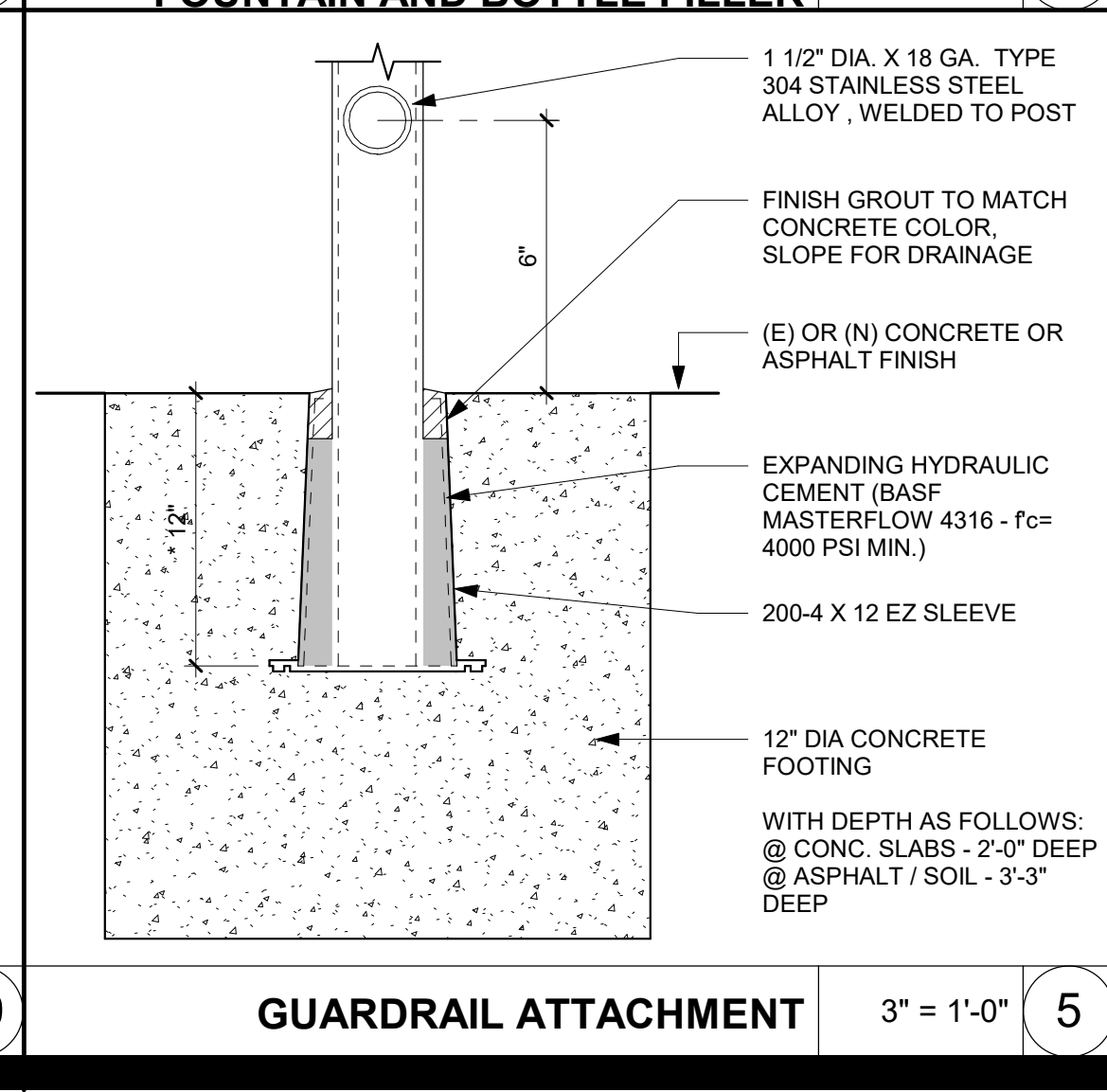
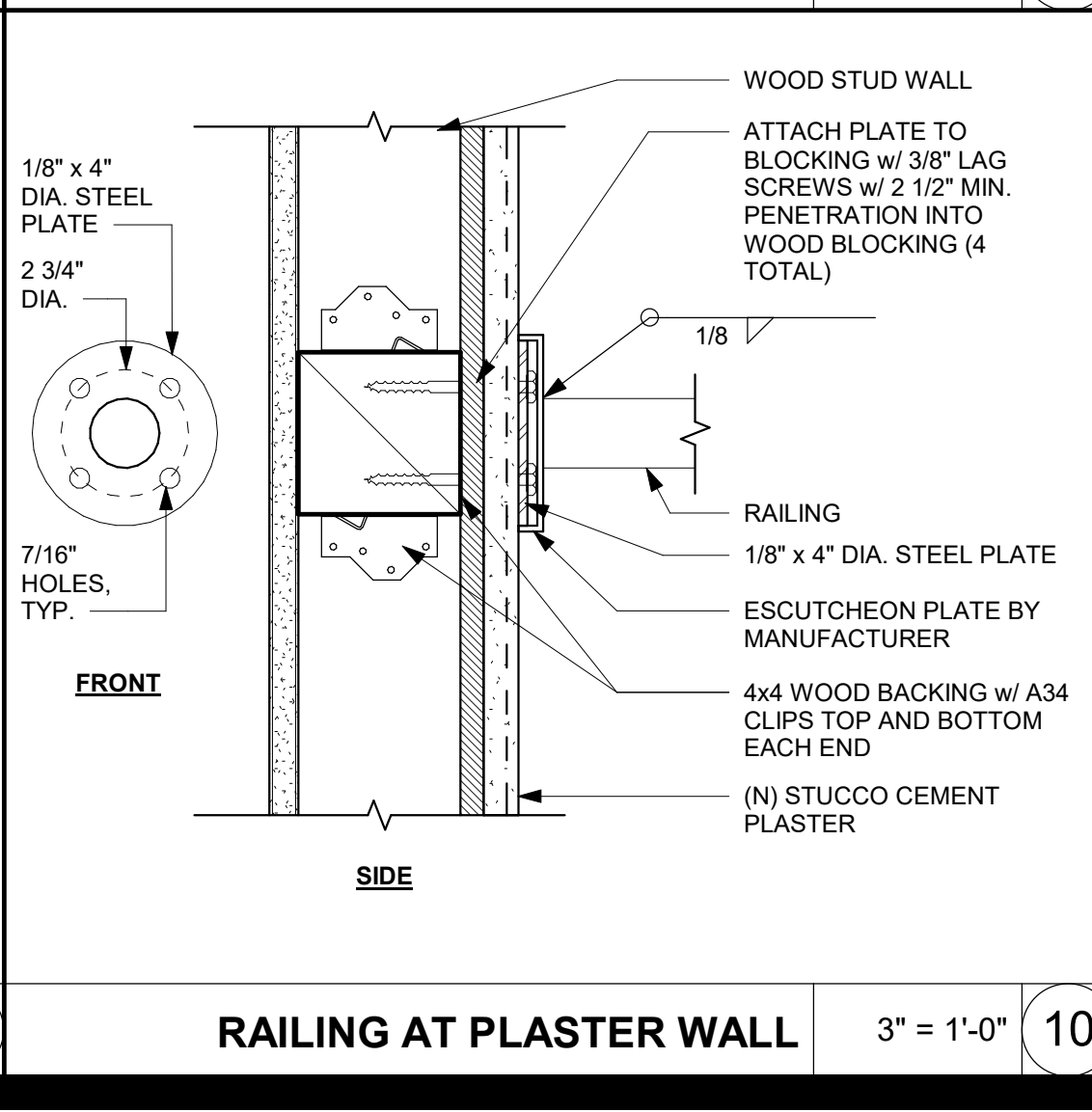
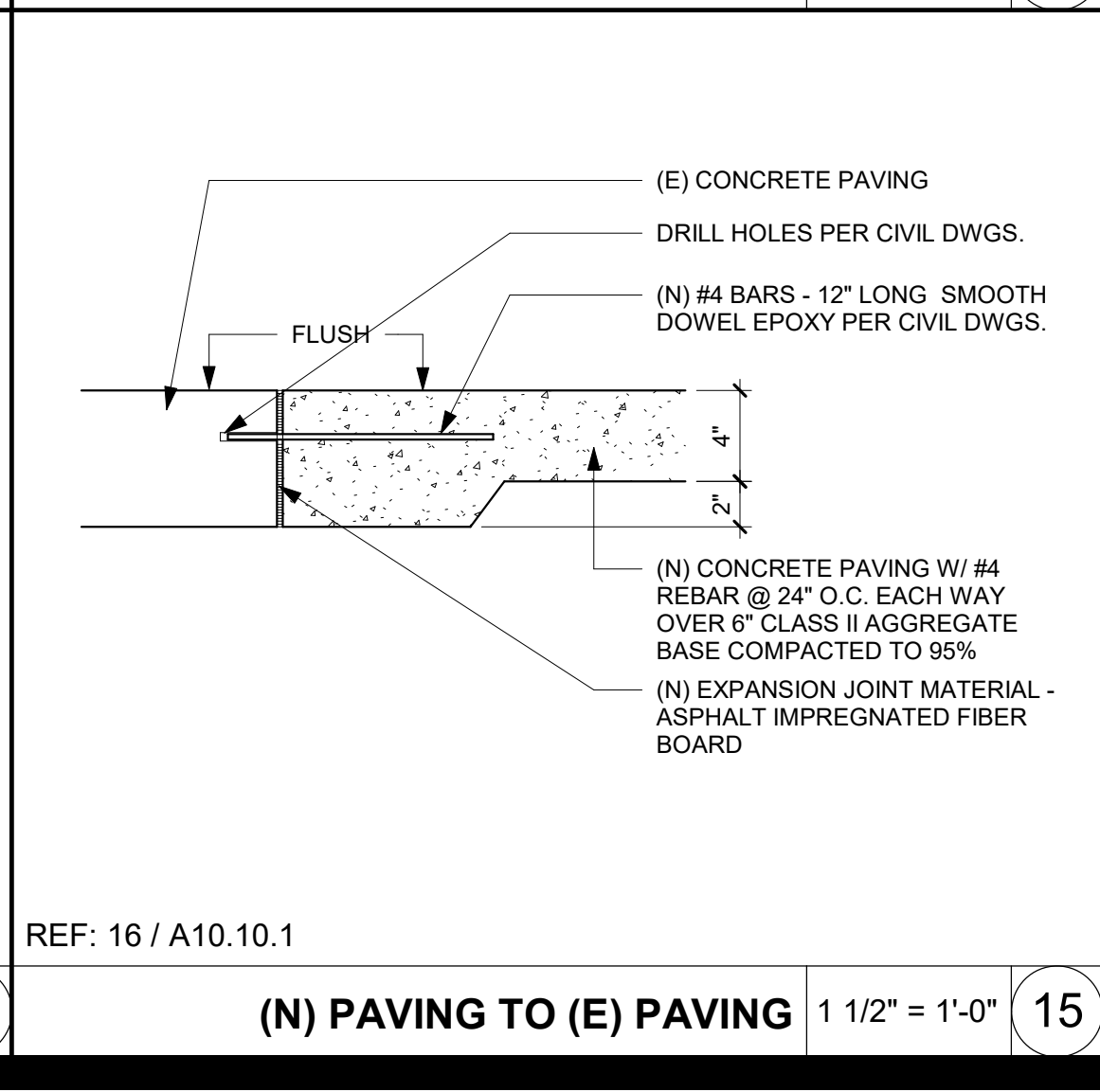
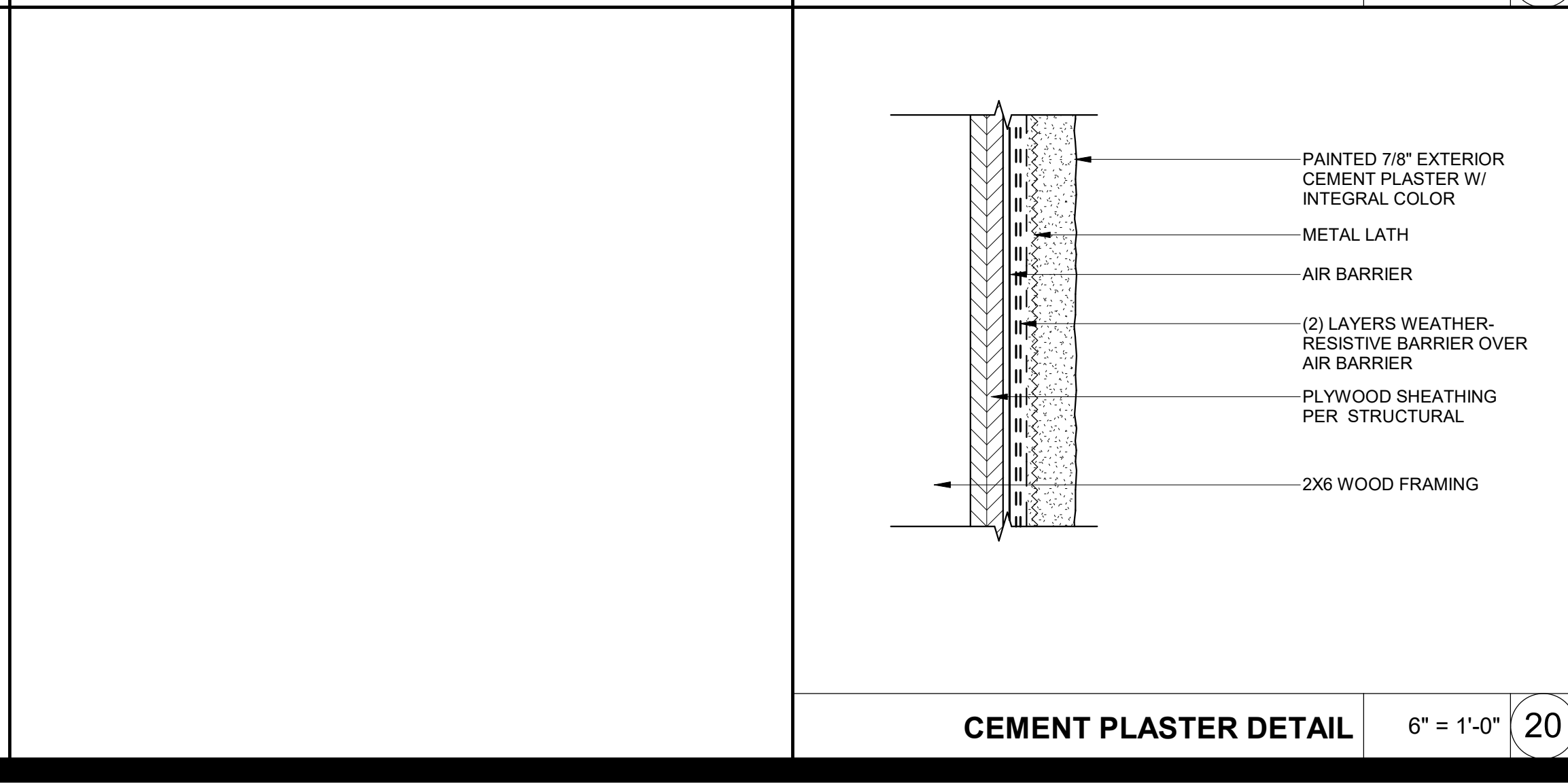
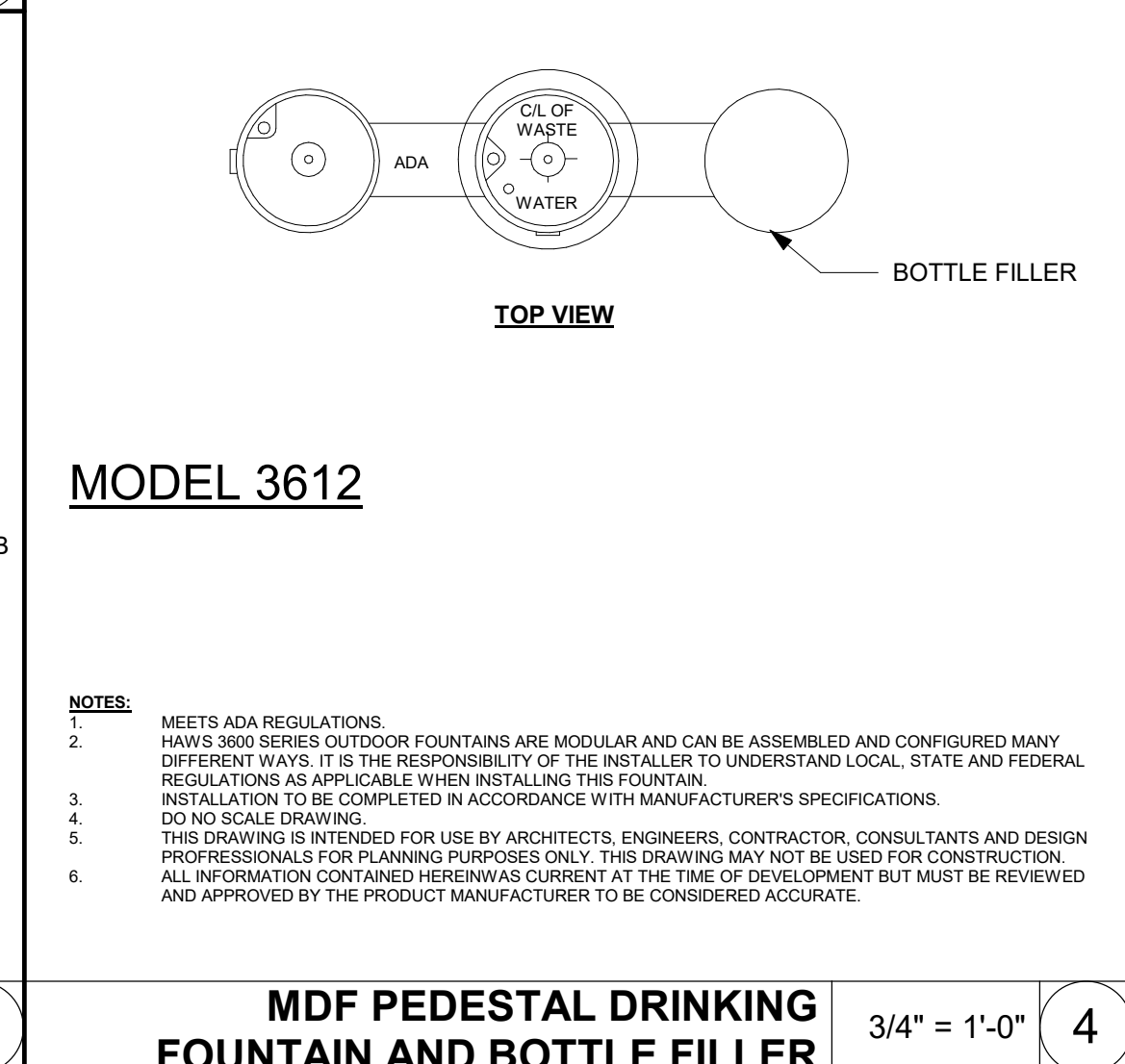
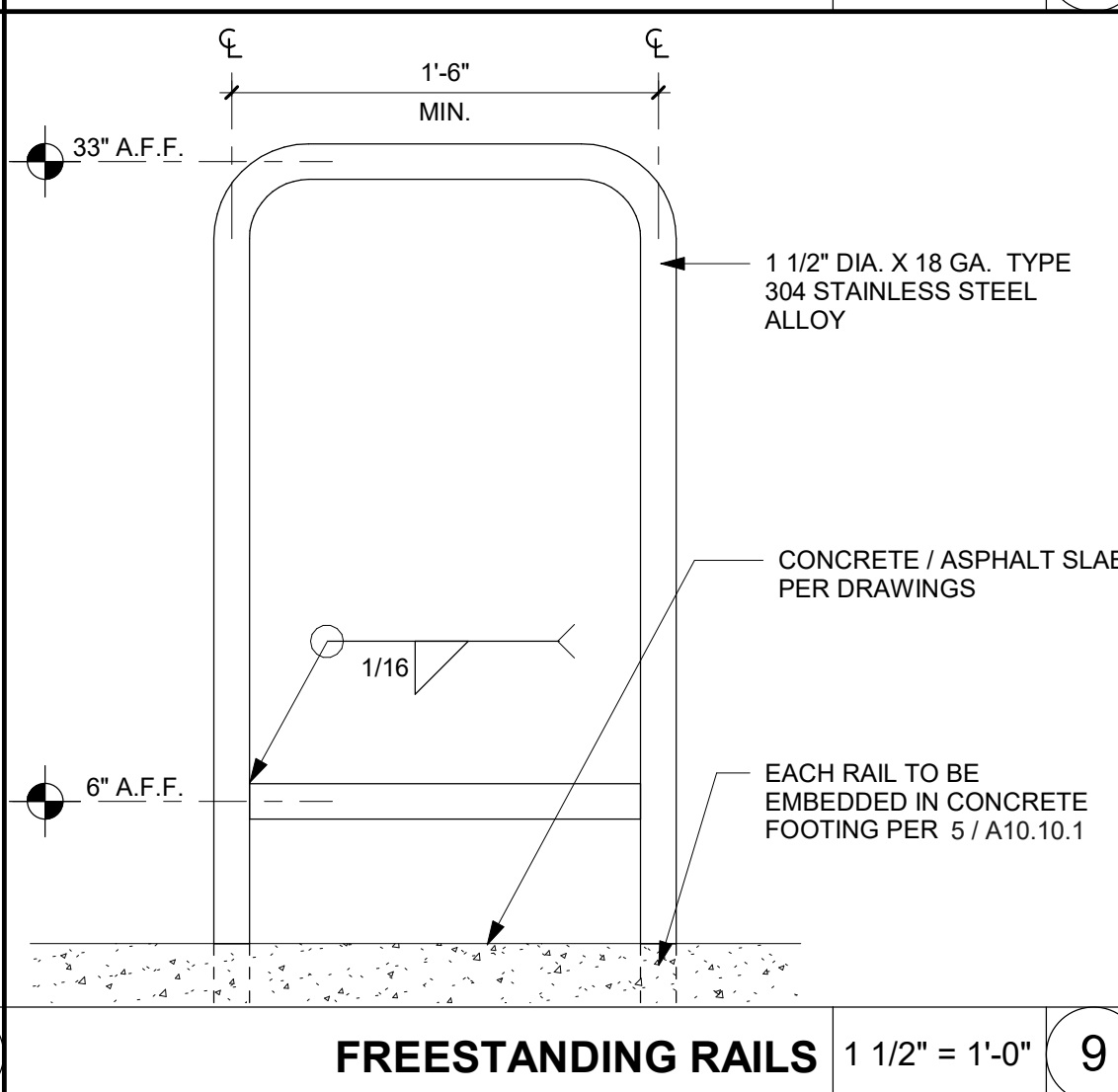
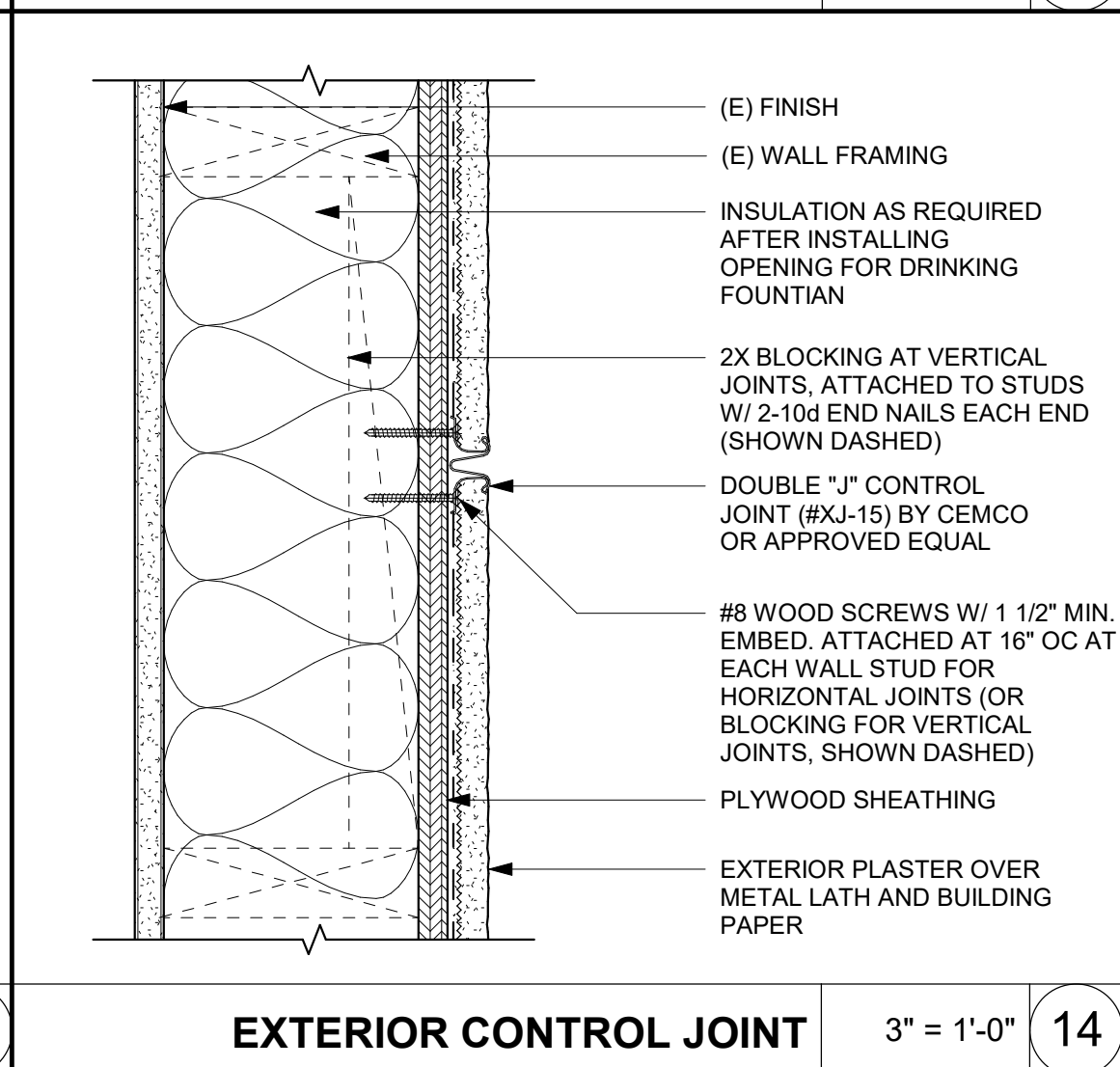
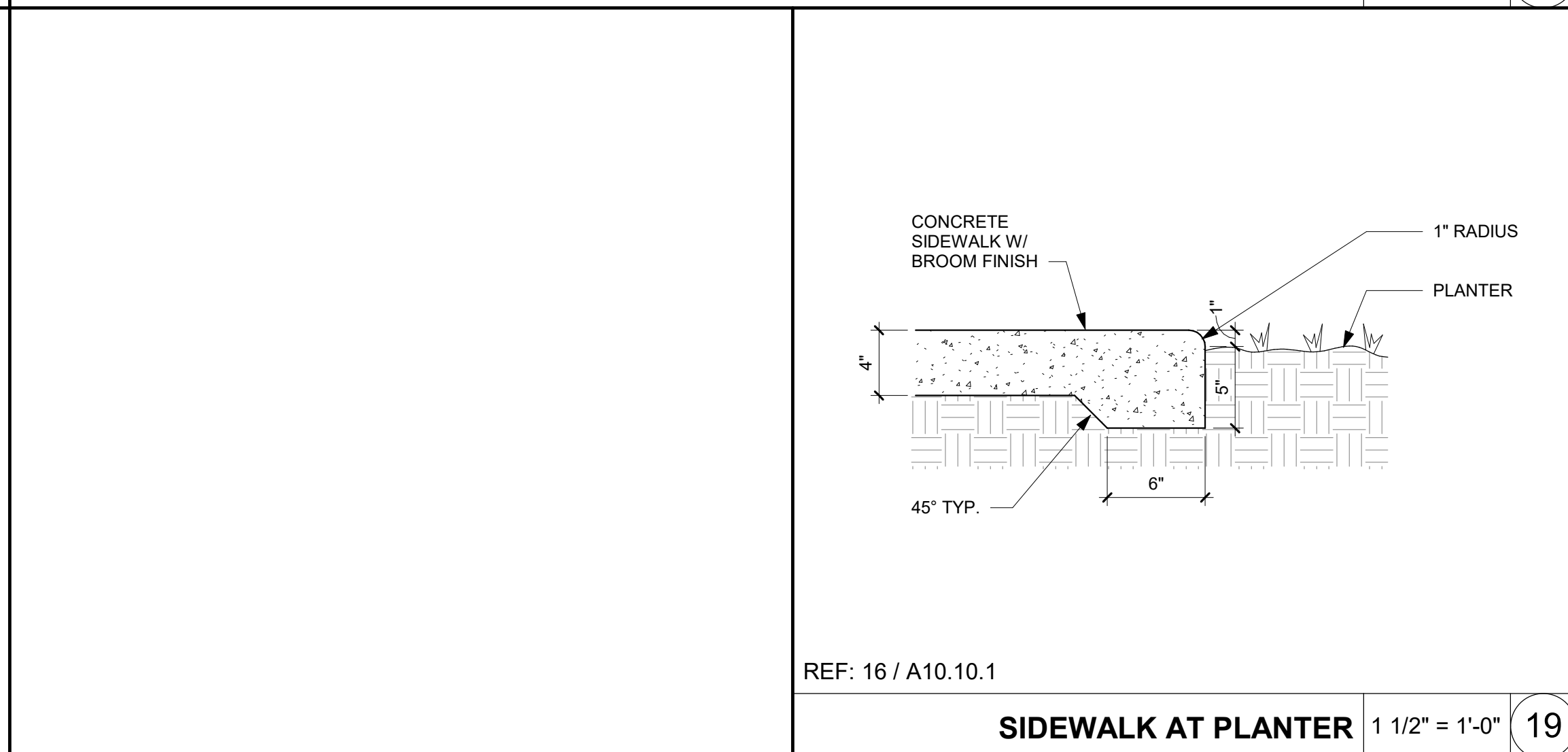
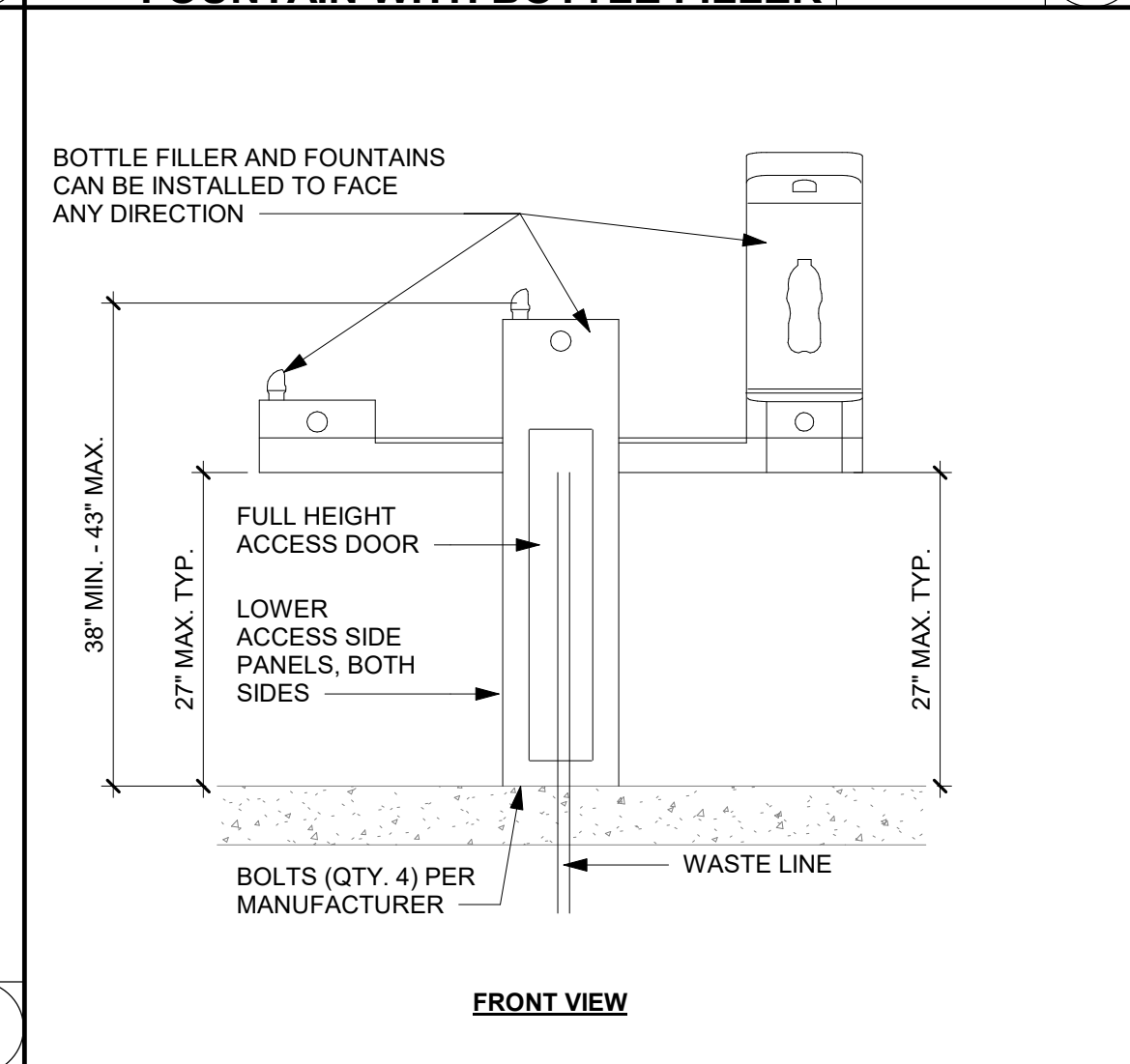
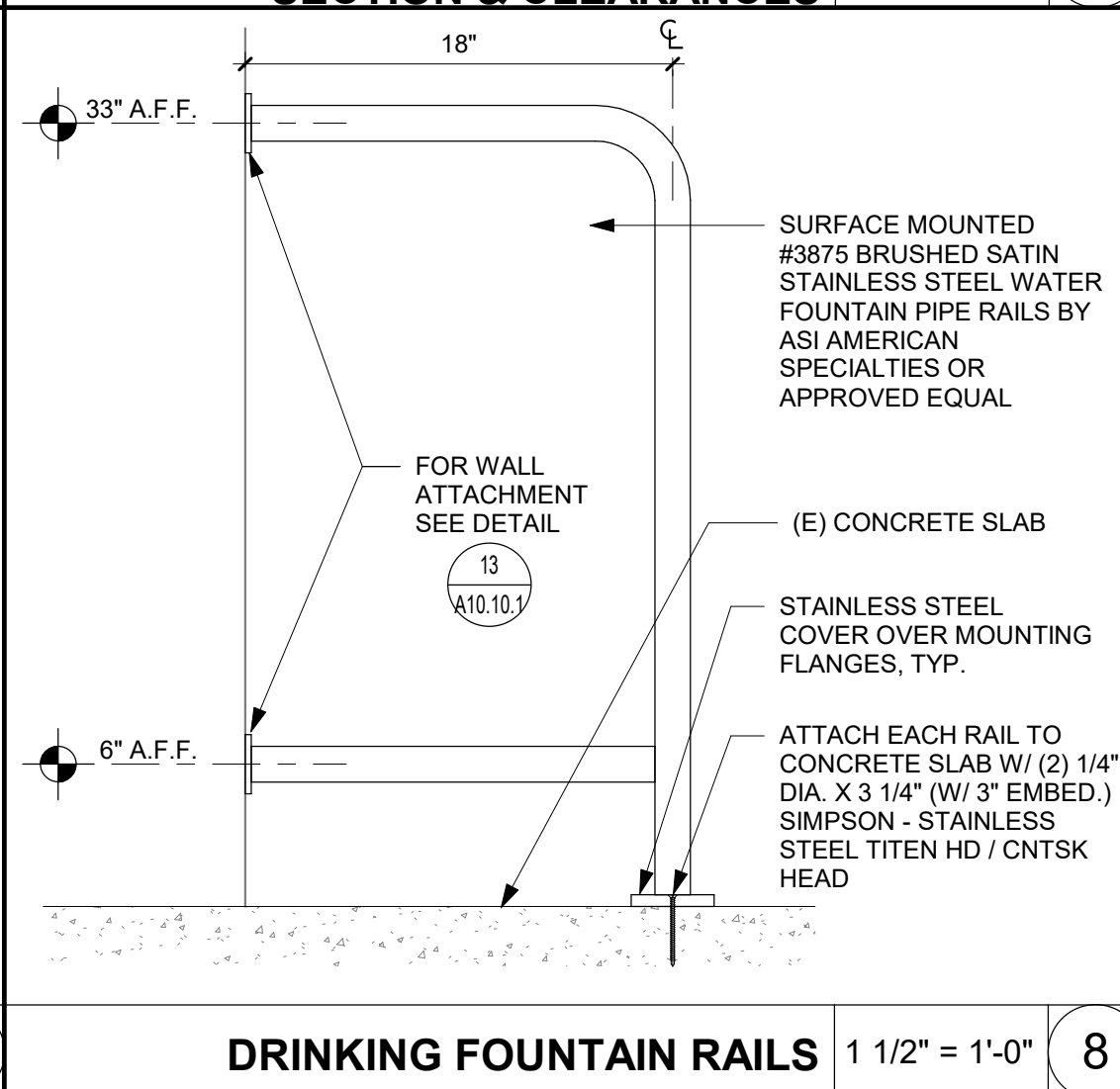
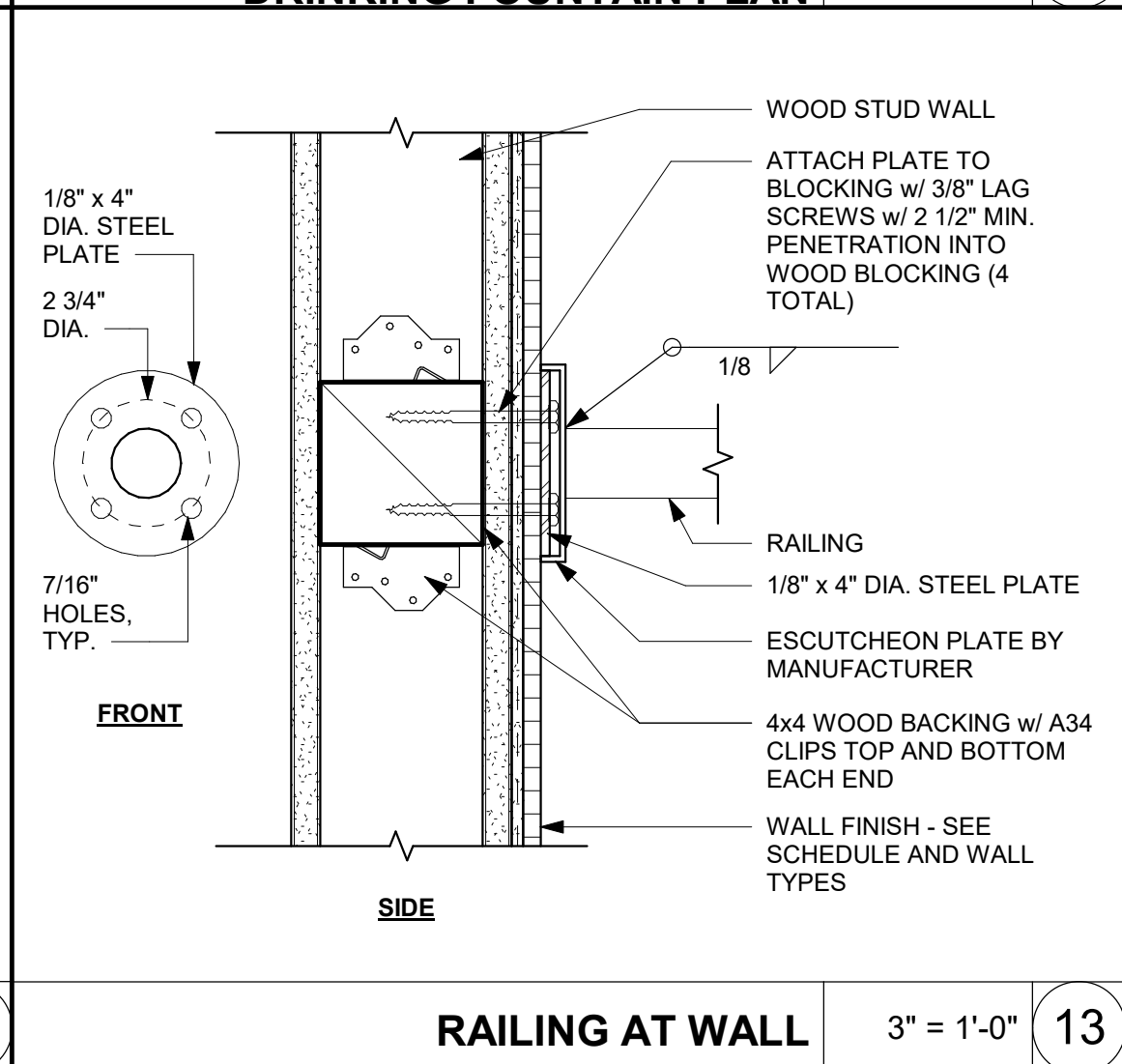
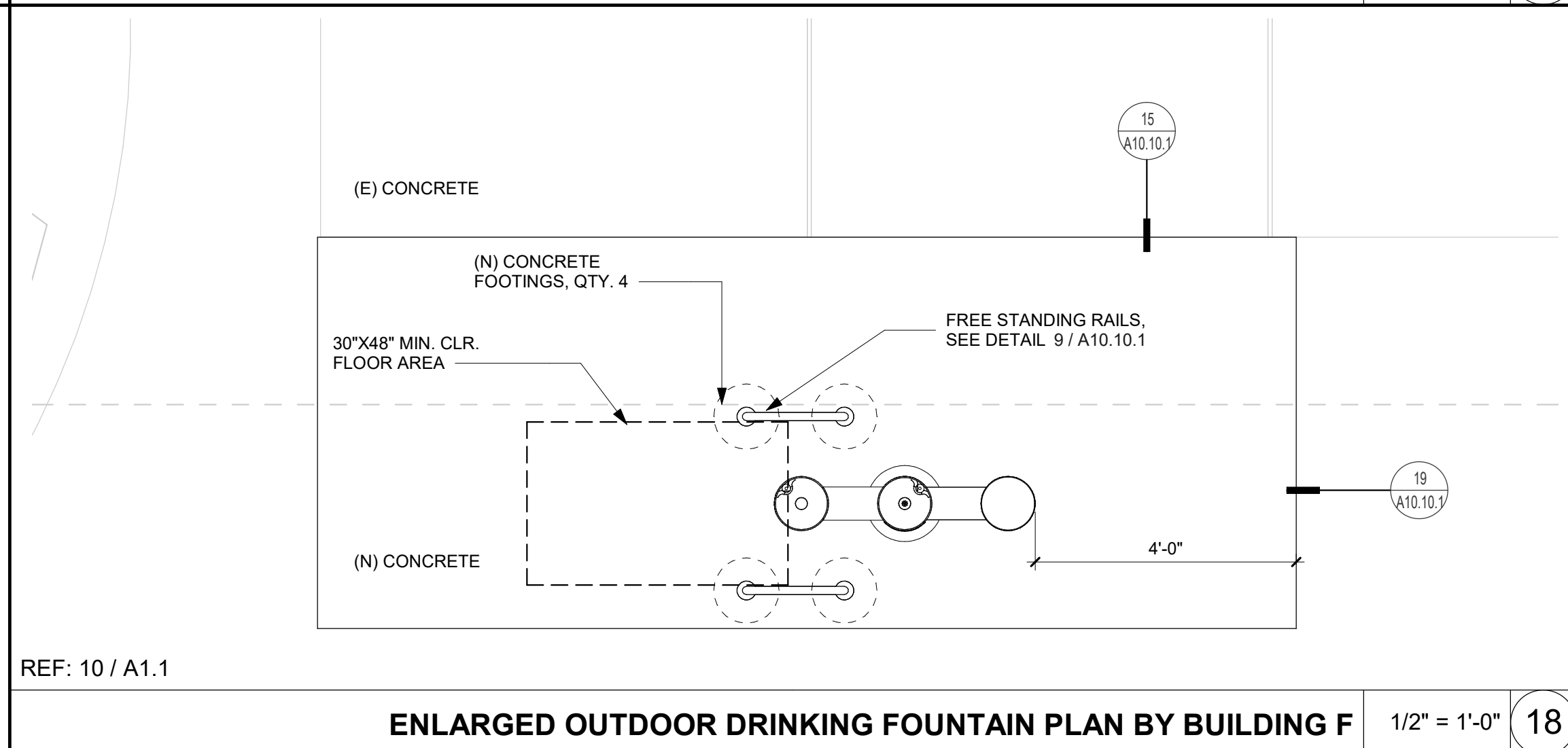
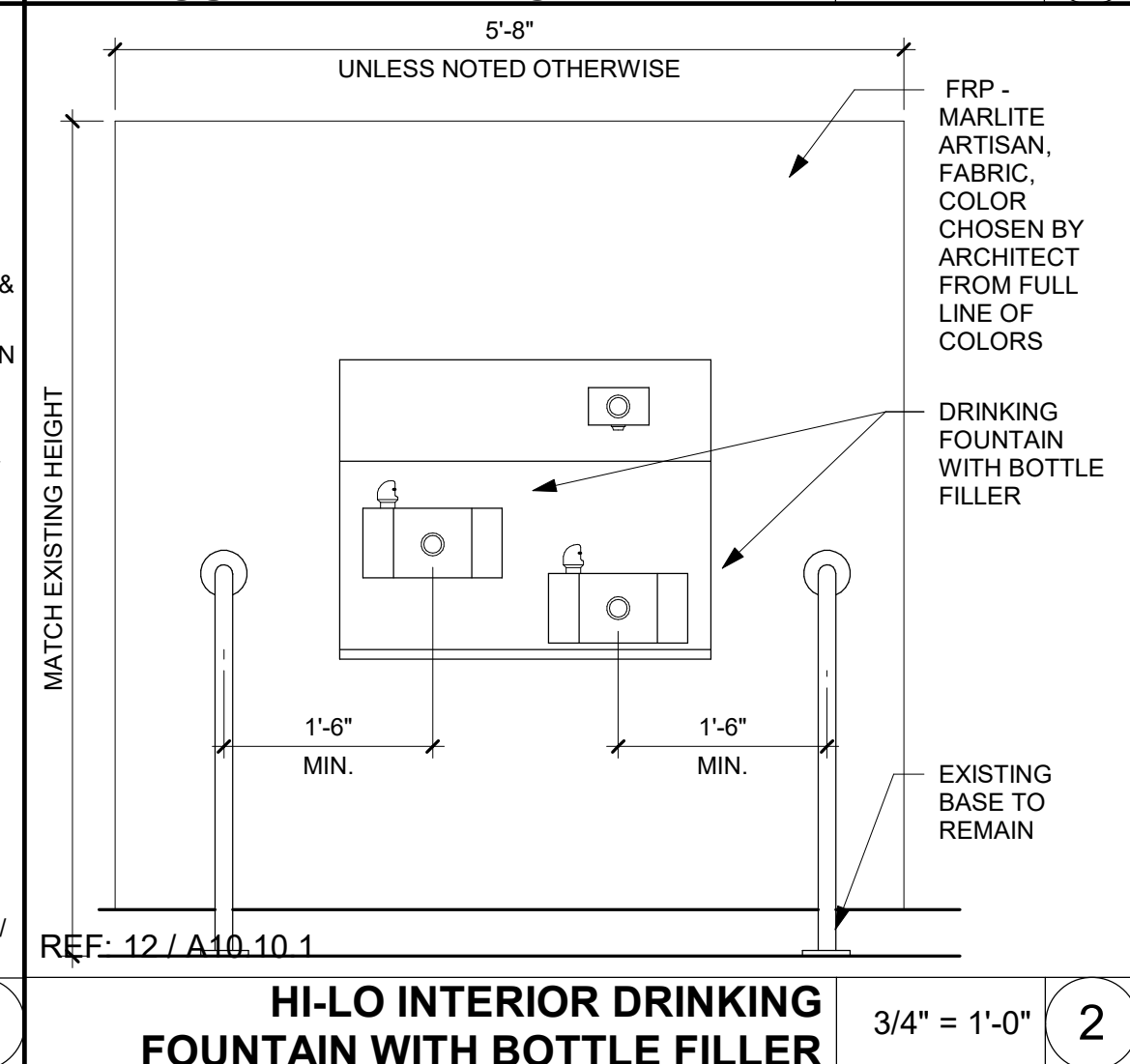
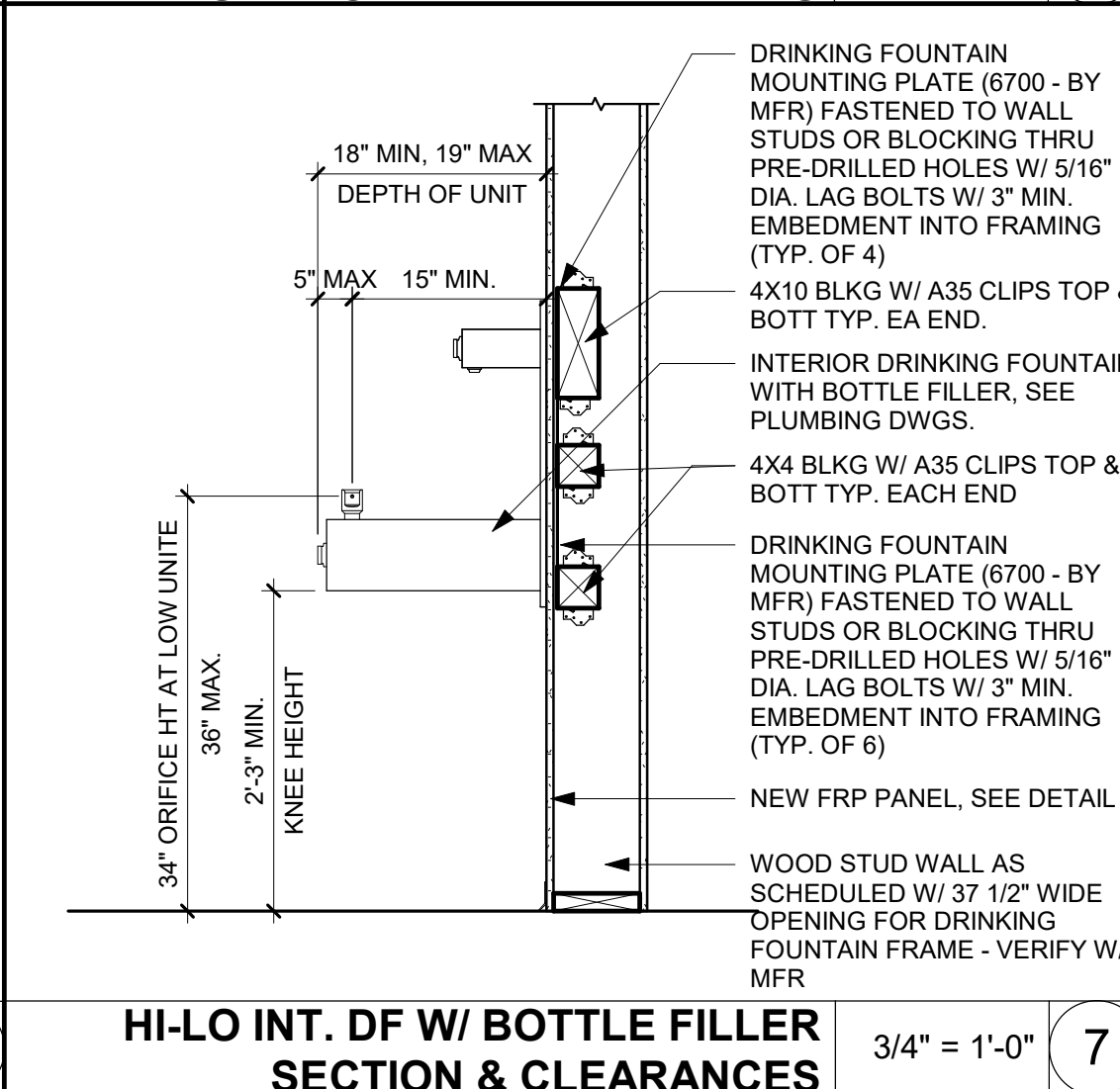
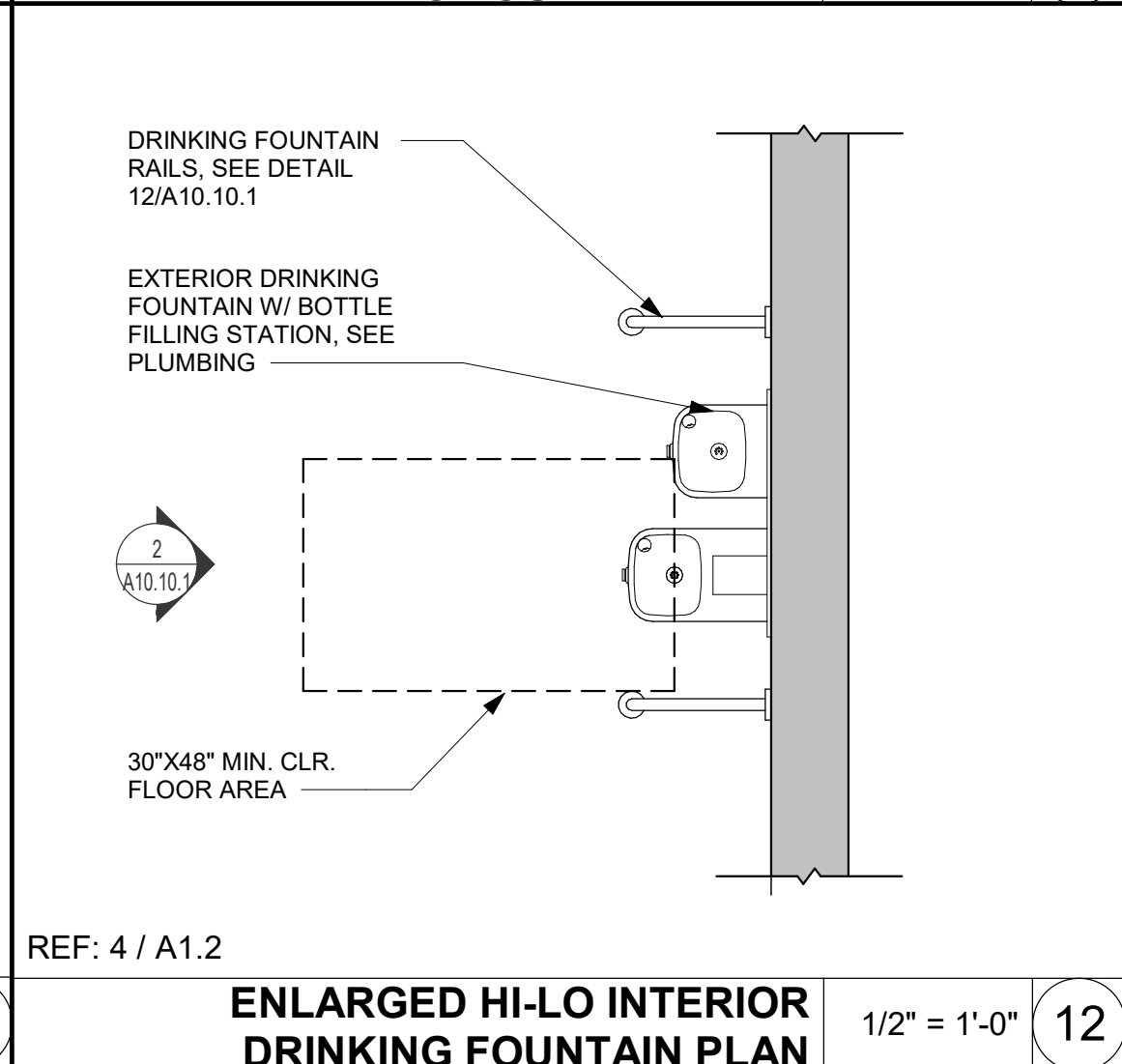
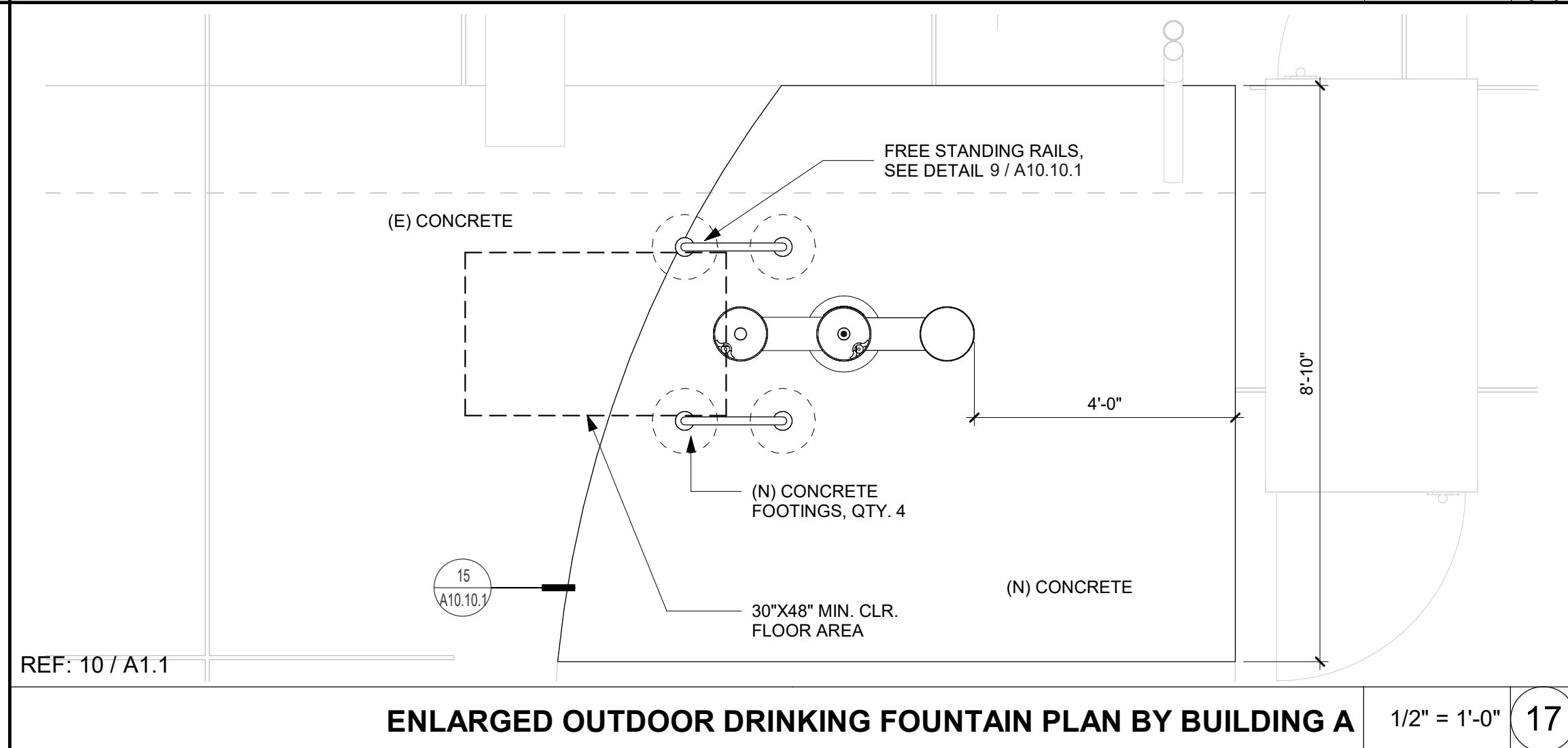
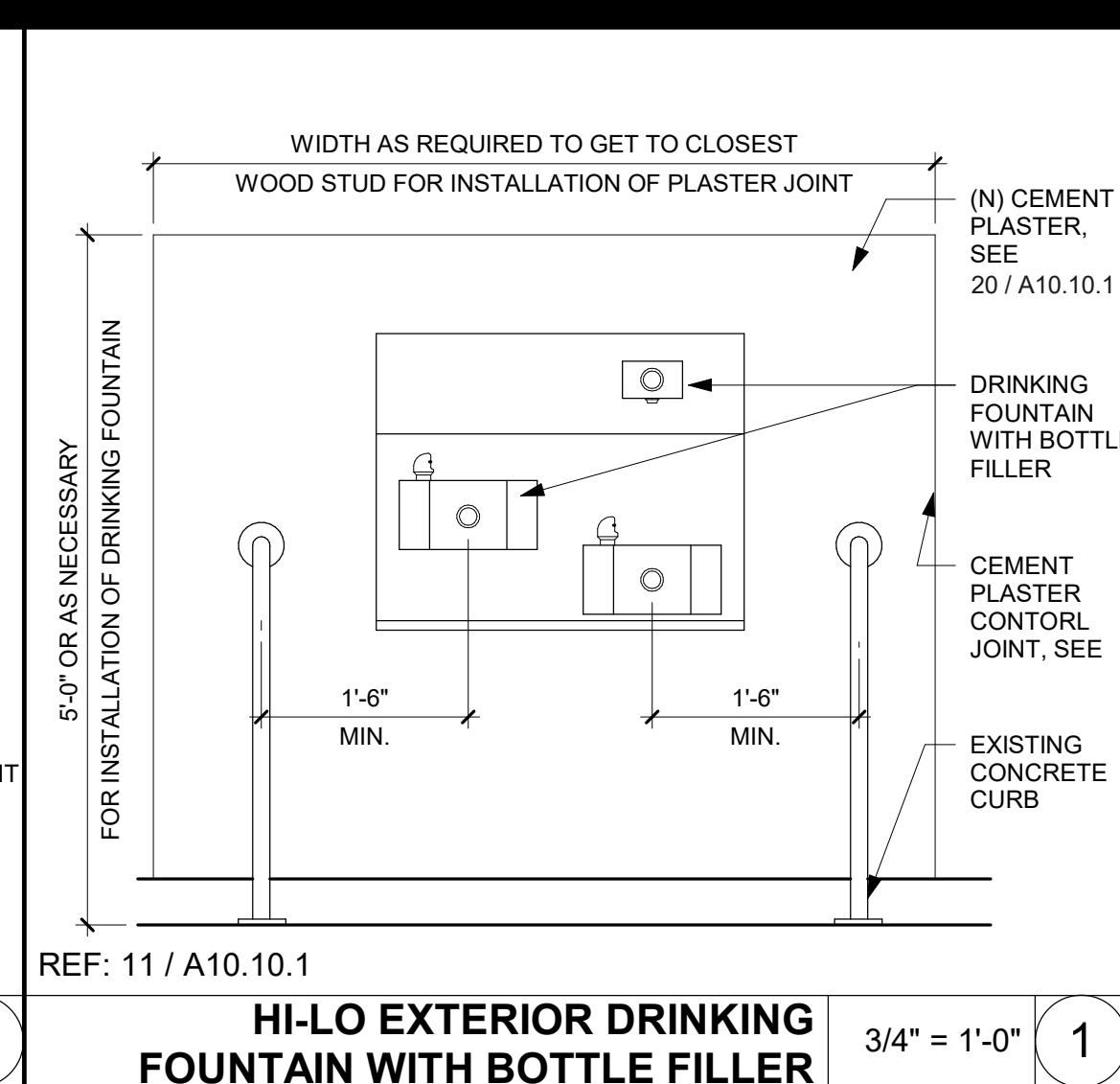
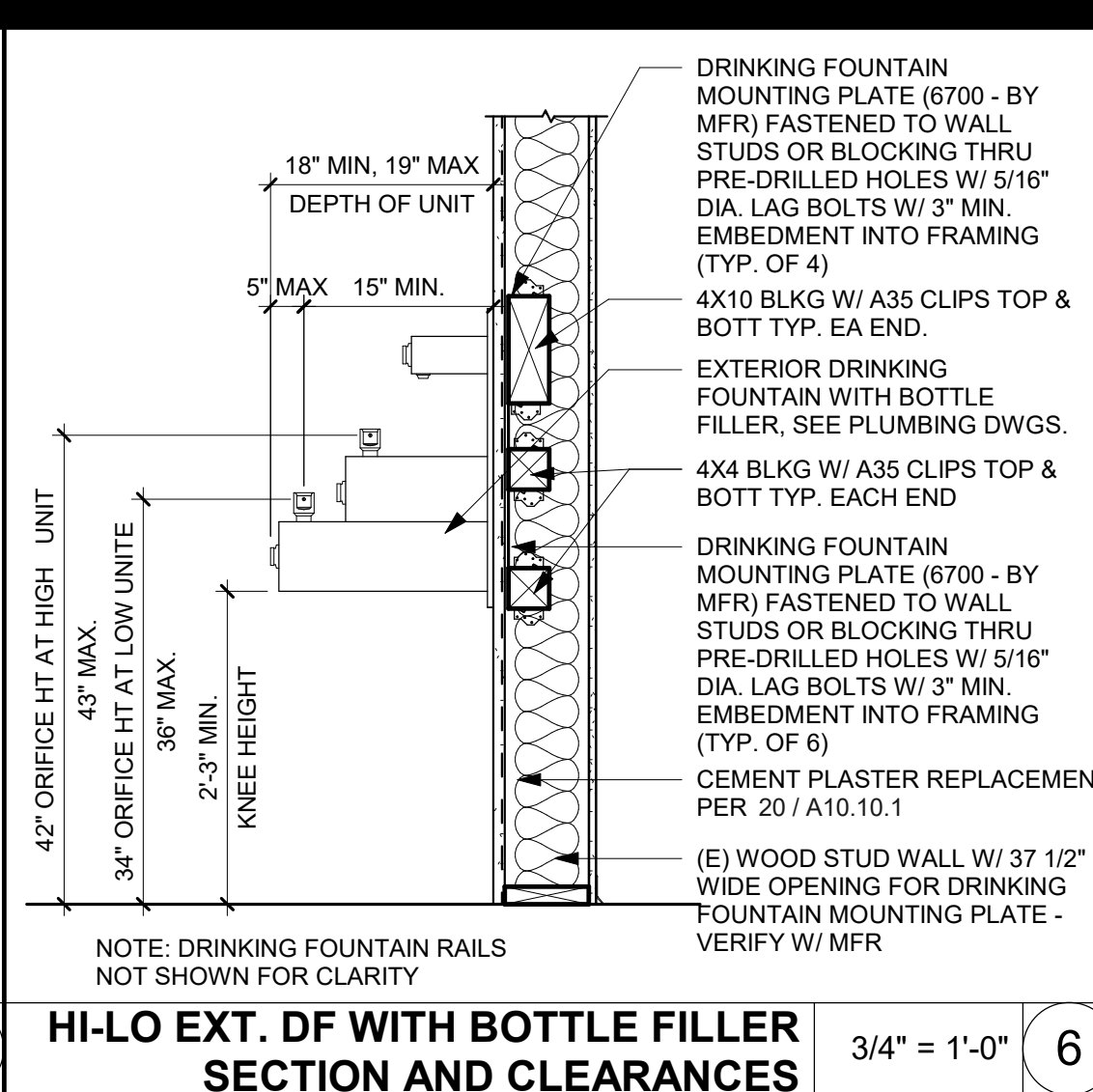
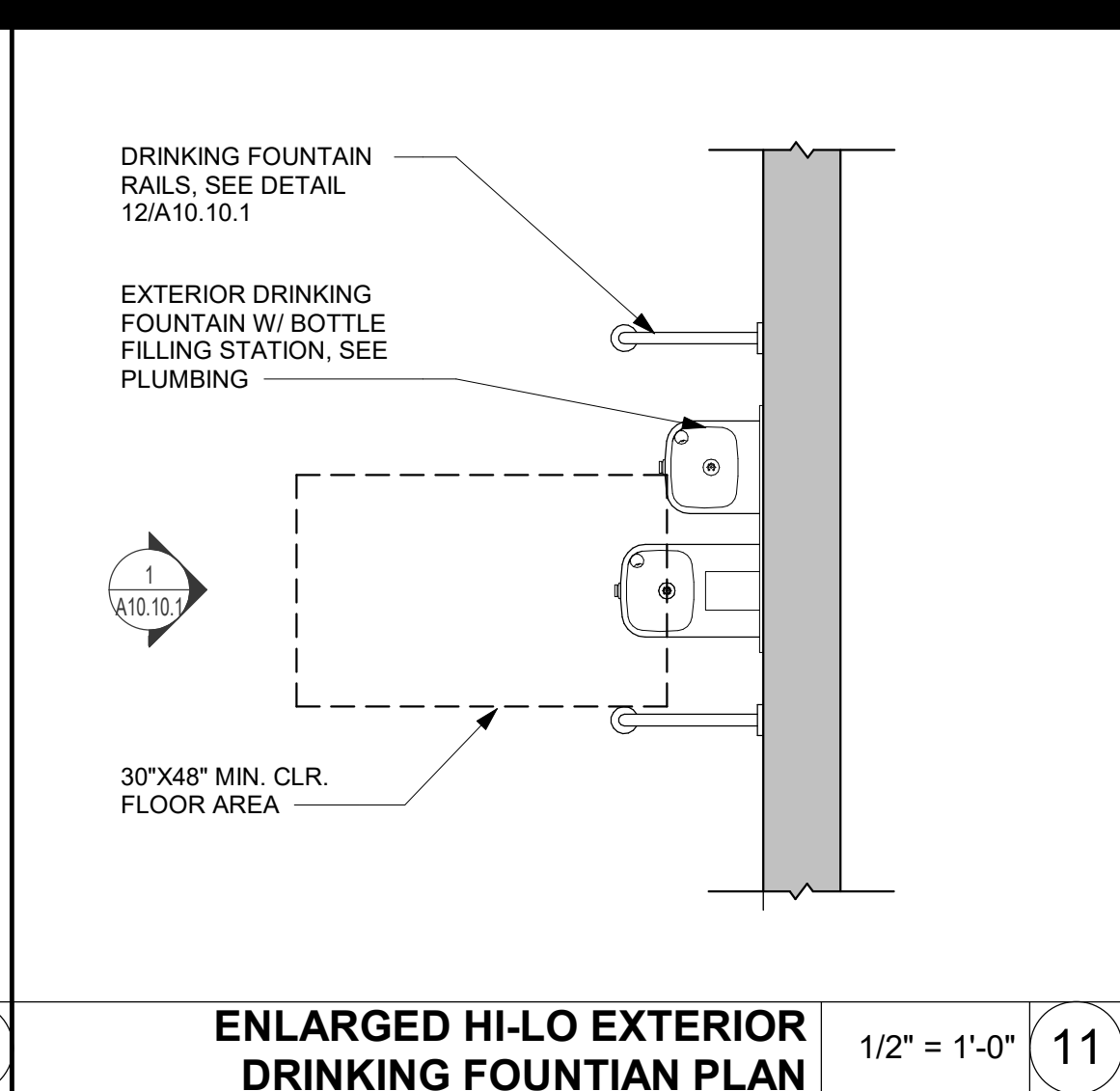
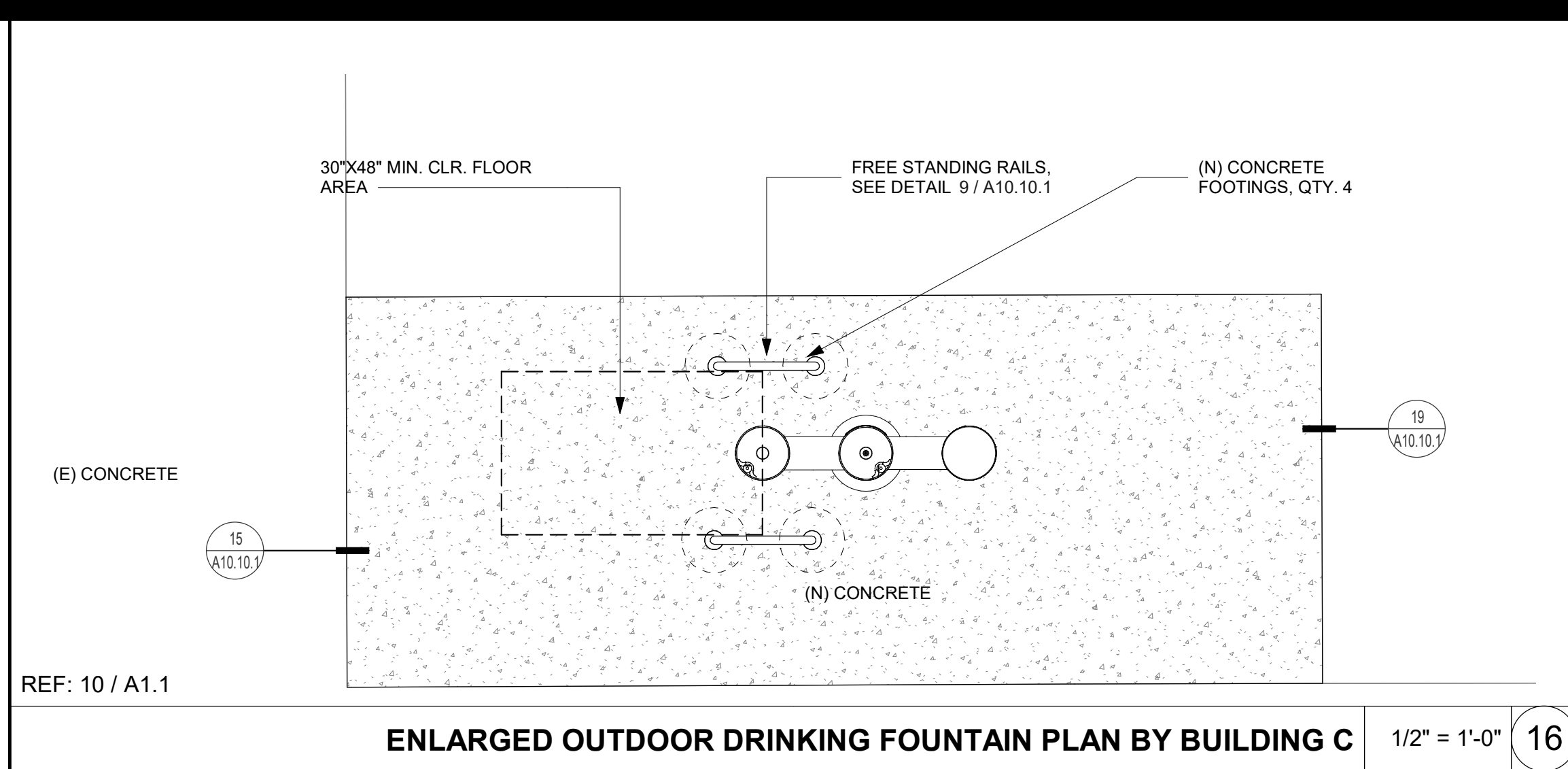
Project Number

22049

Drawing Number

A1.2





IDENTIFICATION STAMP  
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APP: 02-122278 INC.  
REVIEWED FOR  
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DATE: 03/26/2024

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ARCHITECTS

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1930 H Street  
Sacramento, California 95811  
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ARCHITECT  
  
DATE SIGNED: 03/26/2024

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NO.	REMARKS	DATE

DRAWING STATUS

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☐ DSA BACK CHECK  
☐ BIDDING  
☐ CONSTRUCTION

DATE

KEY PLAN

WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

DESIGN DEVELOPEMENT

WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

SPECIALTIES

Date  
03/12/2024  
Application Number  
02-122278  
Drawn  
Author

Project Number  
22049  
Drawing Number  
A10.10.1  
Checked  
Checker



PLUMBING LEGEND				
SYMBOL	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
	S	SEWER PIPE	ABV	ABOVE
	OW	OILY WASTE PIPE	A/C	ABOVE CEILING
	GW	GREASE WASTE PIPE	AGA	AMERICAN GAS ASSOCIATION
	PW	PUMPED (FORCED) WASTE PIPE	ANSI	AMERICAN NATIONAL STANDARD INSTITUTE
	IW	INDIRECT WASTE PIPE	ASME	AMERICAN SOCIETY FOR MECHANICAL ENGINEERS
	V	VENT PIPE	ASSE	AMERICAN SOCIETY FOR SANITARY ENGINEERS
	CW	COLD WATER PIPE	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
	ICW	INDUSTRIAL COLD WATER PIPE	ADA	AMERICANS WITH DISABILITIES ACT
	SCW	SOFT COLD WATER PIPE	AFF	ABOVE FINISHED FLOOR
	HW	HOT WATER PIPE	AFS	ABOVE FINISHED FLOOR
	IHW	INDUSTRIAL HOT WATER PIPE	A/G	ABOVE GRADE
	HWR	HOT WATER RETURN PIPE	AP	ACCESS PANEL
	140	140°F HOT WATER PIPE	ARCH	ARCHITECT OR ARCHITECTURAL
	R	RECLAIMED WATER PIPE	BEL	BELOW
	G	LOW PRESSURE NATURAL GAS PIPE	B/F	BELOW FLOOR
	MPG	MEDIUM PRESSURE NATURAL GAS PIPE	B/G	BELOW GRADE
	HPG	HIGH PRESSURE NATURAL GAS PIPE	B/G	BELOW GRADE
	LPG	LIQUEFIED PETROLEUM GAS PIPE	BOP	BOTTOM OF PIPE
	CD	CONDENSATE DRAIN PIPE	B/S	BELOW SLAB
	SCD	SECONDARY CONDENSATE DRAIN PIPE	BTU	BRITISH THERMAL UNIT
	PCD	PUMPED CONDENSATE DRAIN PIPE	CBC	CALIFORNIA BUILDING CODE
	RD	ROOF DRAIN PIPE	CEC	CALIFORNIA ELECTRICAL CODE
	ORD	OVERFLOW ROOF DRAIN PIPE	CFC	CALIFORNIA FIRE CODE
	CA	COMPRESSED AIR PIPE	CMC	CALIFORNIA MECHANICAL CODE
	FCO	FLOOR CLEAN OUT	CMC	CALIFORNIA MECHANICAL CODE
	GCO	GRADE CLEAN OUT	CPC	CAST IRON
	WCO	WALL CLEAN OUT	CI	CAST IRON
	FC	FLEXIBLE CONNECTION	CI	CAST IRON
	SOV	SHUT OFF VALVE	CL	CEILING
	GC	GAS COCK	CL	CEILING
	CV	CHECK VALVE	CL	CEILING
	BV	BALL VALVE	CL	CEILING
	PRV	PRESSURE REDUCING VALVE	CL	CEILING
	BLV	BALANCING VALVE	CL	CEILING
	PTR	PRESSURE AND TEMPERATURE RELIEF VALVE	CL	CEILING
	U	UNION	CL	CEILING
		CAPPED PIPE	CL	CEILING
	CONT	CONTINUED OR CONTINUATION	CL	CEILING
	TP	TRAP PRIMER LINE	CL	CEILING
	WHA	WATER HAMMER ARRESTOR	CL	CEILING
	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER	CL	CEILING
	HB	HOSE BIBB	CL	CEILING
		PIPE DOWN OR DROP	CL	CEILING
		PIPE UP OR RISE	CL	CEILING
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		VALVE ON RISE	CL	CEILING
	T	THERMOMETER	CL	CEILING
	AS	AQUASTAT	CL	CEILING
	P.O.D.	POINT OF DISCONNECT	CL	CEILING
	POC	POINT OF CONNECTION	CL	CEILING
	AD, FD	AREA DRAIN OR FLOOR DRAIN	CL	CEILING
	FS, RR	FLOOR SINK OR ROOF RECEPTOR	CL	CEILING
	VTR	VENT THROUGH ROOF	CL	CEILING
	DEMO	DEMOLITION OR DEMOLISH	CL	CEILING
	RELO	RELOCATE	CL	CEILING
	CIRC PUMP	CIRCULATING PUMP	CL	CEILING
	DIA, DIAM	DIAMETER	CL	CEILING

PLUMBING GENERAL NOTES:	
1.	THESE DOCUMENTS MAY NOT BE USED FOR ANY REPRODUCTION, BIDDING, OR CONSTRUCTION UNLESS AUTHORIZED IN WRITING BY SALAS O'BRIEN AND THE ENGINEER OF RECORD RESPONSIBLE FOR THEIR PREPARATION.
2.	CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITY PIPES PRIOR TO START OF WORK. NECESSARY ADJUSTMENTS TO THE PLUMBING LAYOUT SHALL BE DONE AT NO EXTRA COST.
3.	CONTRACTOR SHALL NOTIFY ALL LOCAL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE GAS COMPANY, ELECTRIC COMPANY, TELEPHONE COMPANY, AND THE WATER DEPARTMENT, ABOUT THE EXTENT OF PLUMBING WORK. ALL EXCAVATION WORK SHALL BE APPROVED BY ALL UTILITY COMPANIES AND TO ASSURE PREVENTION OF INTERRUPTION OF EXISTING SERVICES PRIOR TO START OF WORK.
4.	ALL PLUMBING WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF THE CALIFORNIA PLUMBING CODE, CALIFORNIA BUILDING CODE, CALIFORNIA MECHANICAL CODE, CALIFORNIA ADMINISTRATIVE CODE, TITLE 24, AMERICANS WITH DISABILITIES ACT (ADA), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), THE LOCAL CITY AND COUNTY CODES, AND ALL OTHER CODES HAVING JURISDICTION. IN CASE OF CONFLICT, THE MORE STRICT REGULATIONS SHALL GOVERN.
5.	ALL PLUMBING WORK SHALL BE COORDINATED WITH THE WORKS OF OTHER TRADES PRIOR TO START OF WORK. NECESSARY ADJUSTMENTS SHALL BE MADE AT NO EXTRA COST.
6.	FOR MINIMUM PIPE SIZE CONNECTIONS TO EACH PLUMBING FIXTURE SEE PLUMBING FIXTURE SCHEDULE. THESE VALUES ARE MINIMUM; LARGER CONNECTIONS MAY RESULT BASED ON THE DIFFERENT MANUFACTURER'S RECOMMENDATIONS.
7.	MANUFACTURER'S NAMES AND MODEL NUMBERS SHOWN FOR PLUMBING FIXTURES AND EQUIPMENT ARE FOR REFERENCE ONLY. OTHER MANUFACTURERS WHICH CAN MEET THE DESIGN REQUIREMENTS OF THE PLUMBING SYSTEM MAY BE SUBSTITUTED UPON APPROVAL FROM THE ARCHITECT AND THE OWNER.
8.	PROVIDE DIELECTRIC FITTINGS FOR DISSIMILAR METALS IN CONTACT.
9.	PROVIDE HANGERS AND SUPPORTS FOR PIPING IN ACCORDANCE WITH THE RECOMMENDATIONS OF MSS SP-59-2003.
10.	PROVIDE VALVES AT THE FOLLOWING LOCATIONS: A. WATER MAIN SHUT-OFF VALVE IN VALVE BOX. B. VALVE WITH HOSE CONNECTION ON DOWNSTREAM SIDE OF THE MAIN SHUT-OFF VALVE. C. SHUT-OFF VALVE ON EACH SUPPLY TO EACH FIXTURE AND EQUIPMENT ITEM NOT PROVIDED WITH CONTROL STOP OR OTHER AUXILIARY SHUT-OFF VALVE. INSTALL SHUT-OFF VALVES SO THAT STEMS EITHER ARE VERTICAL WITH HANDWHEELS OR OPERATORS ON TOP OR ARE HORIZONTAL AND SO THAT VALVES ARE EASILY ACCESSIBLE FOR OPERATION, SERVICE, REMOVAL AND REPLACEMENT.
11.	PROVIDE SLEEVES FOR ALL PIPE AND TUBING PASSING THROUGH FLOORS, ROOFS, AND WALLS. PACK CAULK INTO THE SPACE AROUND THE PIPE OR TUBING. PROVIDE FLASHING FOR ALL PIPES EXTENDING THROUGH THE ROOF.
12.	ALL VENT TERMINATIONS AT ROOF SHALL BE AT LEAST 10 FEET AWAY FROM OUTSIDE AIR INTAKES, OPERABLE WINDOWS, AND BUILDING OPENINGS.
13.	FILL CRACKS BETWEEN FIXTURES AND WALL/FLOORS WITH SILICONE RUBBER SEALANT.
14.	LOCATE, SIZE, AND INSTALL WATER HAMMER ARRESTERS IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE STANDARD NO. WH-201.
15.	INSTALL FIXTURES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. SECURE FLOOR OUTLET OF FLOOR-MOUNTED FIXTURES TO DRAINAGE CONNECTIONS AND FLOOR IN A RIGID MANNER. RIGIDLY SUPPORT WALL-HUNG FIXTURES BY MEANS OF METAL SUPPORTING MEMBERS. USE CHROMIUM-PLATED BRASS BOLTS, NUTS, AND WASHERS WHERE EXPOSED. ALL CONNECTIONS SHALL BE MADE GAS-TIGHT AND WATER-TIGHT. USE OF PUTTY AND PLASTICS FOR GASKETS WILL NOT BE PERMITTED.
16.	PROVIDE ALL FIXTURE COMPONENTS AS INDICATED ON DRAWINGS. PROVIDE ADDITIONAL COMPONENTS AS PER MANUFACTURER'S RECOMMENDATIONS FOR PROPER OPERATION OF THE FIXTURES.
17.	PROVIDE EACH PLUMBING FIXTURE (INCLUDING HOSE BIBBS) WITH AN INDIVIDUAL STOP OR COMPRESSION VALVE OF POLISHED CHROME-PLATED LOOSE KEY TYPE.
18.	WHERE DEPTHS OR INVERTS ELEVATIONS ARE NOT INDICATED, PROVIDE MINIMUM COVERAGE (ABOVE TOP OF PIPES) AS FOLLOWS: A. ANY PIPING UNDER SLAB (TOP OF PIPE TO UNDERSIDE OF SLAB): 18 INCHES. B. CAST IRON AND COPPER PIPES IN OTHER LOCATIONS: 18 INCHES. C. EXCAVATE TO UNDISTURBED EARTH: CUT LEVEL AND FORM TRUE. REMOVE DEBRIS, RUBBISH AND SOFT MATERIAL (SUCH AS MUD). WHERE ROCK IS ENCOUNTERED, UNDERCUT TRENCHES 6-INCHES AND FILL WITH WELL TAMPED NEUTRAL SAND AND PEA GRAVEL TO PROPER PIPE ELEVATION. DURING EXCAVATION FREE OF STANDING WATER. UNDERCUT TRENCH 6-INCHES AND INSTALL PIPING IN A 6-INCH NEUTRAL SAND ENVELOPE.
19.	BACKFILL TO A POINT 12-INCHES ABOVE TOP OF PIPING WITH EARTH (EXCAVATED MATERIAL MAY BE USED) FREE OF CLAY, DEBRIS, RUBBISH, ROCKS, OR CLOUDS OVER 4-INCHES IN THE GREATEST DIMENSION. BACKFILL ABOVE 12-INCHES FROM TOP OF PIPING MAY BE WITH EXCAVATED MATERIAL. APPLY BACKFILL BY HAND IN 6-INCH DEEP LAYERS THE FULL WIDTH OF THE TRENCH. MOISTEN EACH LAYER (DO NOT FLOOD OR PUDDLE), AND HAND TAMP TO A MINIMUM 90 PERCENT COMPACTION BEFORE PROCEEDING WITH THE NEXT LAYER OF BACKFILL.
20.	DO NOT EXCAVATE UNDER FOUNDATIONS OR FOOTINGS EXCEPT IN MANNER PERMITTED BY THE ARCHITECT. DO NOT BACKFILL UNTIL INSTALLED PIPING HAS BEEN SUCCESSFULLY TESTED.
21.	VERIFICATION OF WATER AGENCY APPROVAL SHALL BE SUBMITTED TO THE BUILDING AND SAFETY DIVISION PRIOR TO ISSUANCE OF A PLUMBING PERMIT FOR THIS PROJECT.
22.	ALL PENETRATIONS THRU FIRE RATED ASSEMBLIES SHALL BE PACKED WITH APPROVED FIRE PROOFING. FOR LOCATIONS OF FIRE RATED ASSEMBLIES, SEE ARCHITECTURAL PLANS.
23.	ROUTE ALL PIPES AS HIGH AS POSSIBLE IN EXPOSED LOCATIONS. COORDINATE ROUTING WITH ALL OTHER TRADES PRIOR TO START OF WORK.
24.	NO SPRAY FOAM INSULATION SHALL BE APPLIED TO AREAS CONTAINING PEX PIPING.

APPLICABLE CODE: 2022 CBC

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE  
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.25 AND 1617A.1.26.



THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (e.g., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOAD.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP □ MD □ PP □ E □ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP □ MD □ PP □ E □ OPTION 2: SHALL COMPLY WITH HCAI (OSHPD) PREAPPROVAL (OPM#) AS INCLUDED IN THESE DRAWINGS WITH PROJECT-SPECIFIC NOTES AND DETAILS.

PLUMBING PIPE MATERIAL SCHEDULE				
SERVICE	LOCATION	PIPE MATERIAL	SLOPE	
WATER	ABOVE GRADE	ASTM B88 TYPE "L" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS.	1/32" PER 1'	
	BELOW GRADE	ASTM B88 TYPE "K" HARD DRAWN COPPER, FACTORY INSULATED, WITH WROUGHT COPPER FITTINGS.	1/32" PER 1'	
SEWER AND VENT	ABOVE GRADE	ASTM A888 SERVICE WEIGHT CAST IRON PIPE AND DWV FITTINGS SHALL CONFORM TO CPC AND BEAR THE COLLECTIVE TRADEMARK OF CISPI AND NSF.	1/4" PER 1'	
	BELOW GRADE	ABS SCHEDULE 40 PIPE AND DWV FITTINGS SHALL CONFORM TO ASTM D2321-2000 AND CPC.	1/4" PER 1'	

PLUMBING FIXTURE SCHEDULE						
SYMBOL	FIXTURE	MIN. PIPE SIZE				REMARKS
		CW	HW	V	S	
	DRINKING FOUNTAIN W/ BOTTLE FILLER	3/4"	--	--	2"	FREE STANDING GROUND MOUNTED OUTDOOR DRINKING FOUNTAIN HAWS MODEL 3612, VANDAL RESISTANT, ADA COMPLIANT PEDESTAL MOUNTED BOTTLE FILLER WITH 1 GPM FLOW AND HIGH-LOW DRINKING FOUNTAIN WITH HEAVY DUTY STAINLESS STEEL PEDESTAL WITH PUSH BUTTON OPERATED STAINLESS STEEL VALVE AND FLOW CONTROL. INSTALL WITH HOSE BIBB MODEL 3660, LOCKABLE HOSE BIBB ATTACHMENT.
	DRINKING FOUNTAIN W/ BOTTLE FILLER	3/4"	--	1-1/2"	2"	WALL MOUNTED EXTERIOR/INTERIOR HI LO DRINKING FOUNTAIN HAWS MODEL 1119-1920, VANDAL RESISTANT, ADA COMPLIANT WITH BOTTLE FILLER OF 1 GPM FLOW AND HIGH-LOW DRINKING FOUNTAINS WITH PUSH BUTTON OPERATED. INSTALL WITH WALL MOUNTING PLATE.

NOTES	
1.	ALL PLUMBING SYSTEM COMPONENTS SHALL MEET OR EXCEED THE REQUIREMENTS OF CURRENT CBC, CMC, CPC, CEC, NFPA, ASTM, ANSI, AND ALL LOCAL AND STATE CODE REQUIREMENTS. (SEE BELOW)
2.	ALL PLUMBING EQUIPMENT LISTED IN OF THE 2022 CALIFORNIA CODE OF REGULATIONS (CCR), TITLE-24, PART 6, SECTION 110.3 ENERGY EFFICIENCY STANDARDS MUST BE CERTIFIED BY THE MANUFACTURER TO MEET OR EXCEED SPECIFICATIONS OR EFFICIENCIES ADOPTED BY THE CEC.
3.	ALL INSULATING MATERIALS INSTALLED MUST BE CERTIFIED BY CALIFORNIA ENERGY COMMISSION TO MEET 2022 CALIFORNIA CODE OF REGULATIONS, TITLE-24, PART 6, ENERGY EFFICIENCY STANDARDS, SECTION 120.3 AND TABLE 4-15.
4.	ALL INSULATION INSTALLED SHALL MEET THE FLAME SPREAD AND SMOKE DENSITY REQUIREMENTS OF 2022 CBC, PART 1, SECTION 720 AND 2022 CMC, SECTION 602.2.
5.	ALL PIPING EXPOSED TO WEATHER SHALL BE METALLIC.
6.	ALL FERROUS PIPING EXPOSED TO WEATHER SHALL BE GALVANIZED AND PAINTED.
7.	ALL PIPES, FITTINGS AND FIXTURES USED TO CONVEY POTABLE WATER SHALL BE LEAD FREE IN COMPLIANCE WITH CPC SECTION 604.2.
8.	ALL FIXTURES REQUIRED TO BE ACCESSIBLE SHALL BE INSTALLED AS PER THE LATEST REQUIREMENTS OF TITLE 24 AND ADA (AMERICANS WITH DISABILITIES ACT).
9.	CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
10.	ALL INSTALLATION OF PEX PIPE INSTALLED IN NEW CONSTRUCTION SHALL BE FLUSHED TWICE OVER A PERIOD OF AT LEAST ONE WEEK PER CPC SECTION 604.1.2. PEX. 1) AT THE TIME OF FILL, EACH NEW PLUMBING FIXTURE SHALL HAVE A REMOVABLE TAG APPLIED STATING: o. THIS NEW PLUMBING SYSTEM SHALL BE FIRST FILLED AND FLUSHED ON (DATE) BY (NAME). THE STATE OF CALIFORNIA REQUIRES THAT THE SYSTEM BE FLUSHED AFTER STANDING AT LEAST ONE WEEK AFTER THE FILL DATE SPECIFIED ABOVE. IF THIS SYSTEM IS USED EARLIER THAN ONE WEEK AFTER THE FILL DATE, THE WATER MUST BE ALLOWED TO RUN FOR AT LEAST TWO MINUTES PRIOR TO USE FOR HUMAN CONSUMPTION. THE TAG MAY NOT BE REMOVED PRIOR TO THE COMPLETION OF THE REQUIRED SECOND FLUSHING, EXCEPT BY BUILDING OWNER OR OCCUPANT. 2) PRIOR TO ISSUING A BUILDING PERMIT TO INSTALL PEX PIPE, THE BUILDING OFFICIAL SHALL REQUIRE AS PART OF THE PERMITTING PROCESS THAT THE CONTRACTOR, OR THE APPROPRIATE PLUMBING SUBCONTRACTORS, PROVIDE WRITTEN CERTIFICATION THAT HE OR SHE WILL COMPLY WITH THE FLUSHING PROCEDURES SET FORTH BY CODE. 3) THE BUILDING OFFICIAL SHALL NOT GIVE FINAL PERMIT APPROVAL FOR ANY PEX PLUMBING INSTALLATION UNLESS HE OR SHE FINDS THAT THE MATERIAL HAS BEEN INSTALLED IN COMPLIANCE WITH THE REQUIREMENTS OF THE CODE, INCLUDING THE REQUIREMENTS TO FLUSH AND TAG THE SYSTEMS. 4) ANY CONTRACTOR OR SUBCONTRACTOR FOUND TO HAVE FAILED TO COMPLY WITH THE PEX FLUSHING REQUIREMENTS SHALL BE SUBJECT TO THE PENALTIES IN HEALTH AND SAFETY CODE, DIVISION 13, PART 1.5, CHAPTER 6 (SECTION 17995, et seq.).

APPLICABLE CODES	
• 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), CCR PART 1, TITLE 24	
• 2022 CALIFORNIA BUILDING CODE (CBC), CCR TITLE 24, PARTS 1 & 2 (BASED ON THE 2021 EDITION INTERNATIONAL BUILDING CODE, VOLS. 1 & 2)	
• 2022 CALIFORNIA ELECTRICAL CODE (CEC), CCR TITLE 24, PART 3 (BASED ON THE 2020 EDITION NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS)	
• 2022 CALIFORNIA MECHANICAL CODE (CMC), CCR TITLE 24, PART 4, TITLE 24 CCR (BASED ON THE 2021 EDITION UNIFORM MECHANICAL CODE WITH CALIFORNIA AMENDMENTS)	
• 2022 CALIFORNIA PLUMBING CODE (CPC), CCR TITLE 24, PART 5, (BASED ON THE 2021 EDITION UNIFORM PLUMBING CODE WITH CALIFORNIA AMENDMENTS)	
• 2022 CALIFORNIA ENERGY CODE (CEC), CCR TITLE 24, PART 6, AND ASSOCIATED ADMINISTRATIVE REGULATION IN PART 1.	
• 2022 CALIFORNIA FIRE CODE (CFC), CCR TITLE 24, PART 9 (BASED ON THE 2021 EDITION INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS)	
• 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), CCR TITLE 24, PART 10, (BASED ON THE 2021 EDITION INTERNATIONAL EXISTING BUILDING CODE WITH CALIFORNIA AMENDMENTS)	
• 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGreen), CCR TITLE 24, PART 11	
• 2022 CALIFORNIA REFERENCED STANDARDS CODE, CCR TITLE 24, PART 12	
• TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS	

APPLICABLE CODE: 2022 CBC

MEP COMPONENT ANCHORAGE NOTE:  
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAIL OR THE DESIGN APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13.26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g., HARD WIRED) TO THE BUILDING UTILITY SERVICE SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT DO NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-122278 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/26/2024

Studio W Architects  
1930 H Street  
Sacramento, California 95811  
[T] 916.254.5600  
www.StudioW-Architects.com

3220 Executive Ridge, Suite 210  
Vista, CA 92081  
760.560.0100  
03-21-24 #2022-05803  
www.salasobrien.com  
E-Mail

ARCHITECT

ENGINEER

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NO.	REMARKS	DATE

DRAWING STATUS	DATE
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<input type="radio"/> DSA BACK CHECK	
<input type="radio"/> BIDDING	
<input type="radio"/> CONSTRUCTION	

KEY PLAN

WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

PROJECT STATUS

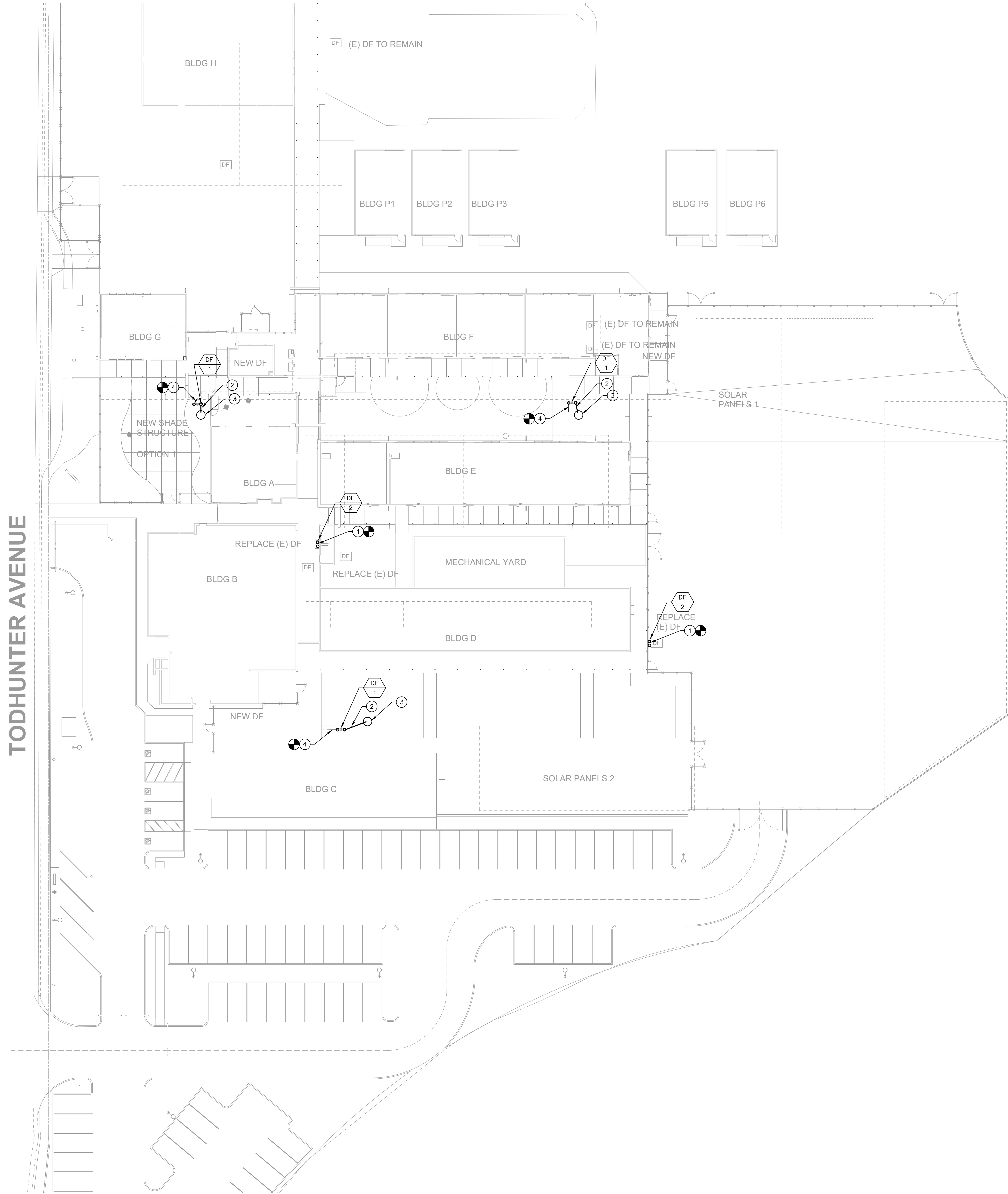
WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

PLUMBING  
LEGEND AND  
GENERAL NOTES

Date MM/DD/YYYY	Project Number 22049
Application Number XX-XXXXXX	Drawing Number P0.1
Drawn PP	Checked SO



TODHUNTER AVENUE



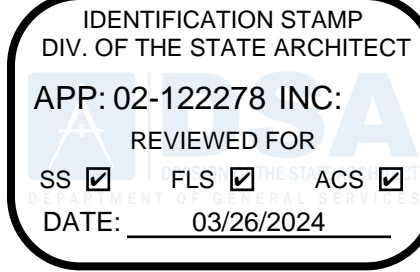
## GENERAL NOTES

- A. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL PIPING AND UTILITIES PRIOR TO START OF WORK. IN THE EVENT OF ANY DISCREPANCIES OR POTENTIAL CONFLICTS, NOTIFY THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.
- B. ALL PIPING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL COORDINATE WITH ALL TRADES AND OWNER'S REPRESENTATIVE AND VERIFY EXACT ROUTING PRIOR TO START OF WORK.
- C. VERIFY EXACT SIZE AND LOCATION OF ALL PLUMBING CONNECTIONS TO MECHANICAL EQUIPMENT PRIOR TO START OF WORK. IN NO CASE SHALL THE CONNECTION SIZE BE LARGER THAN THE BRANCH PIPING SIZE.

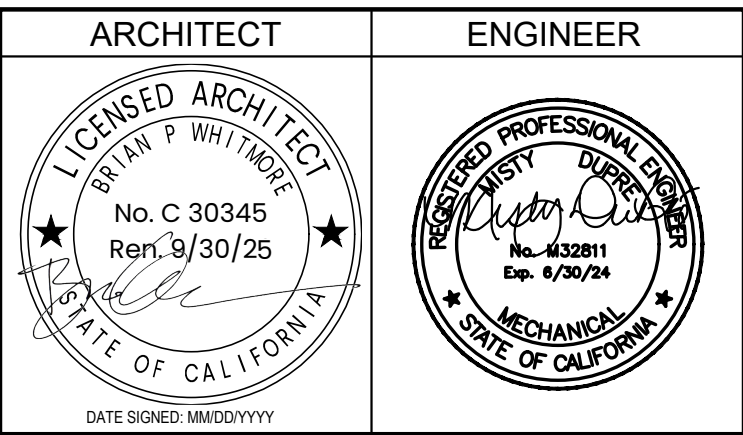
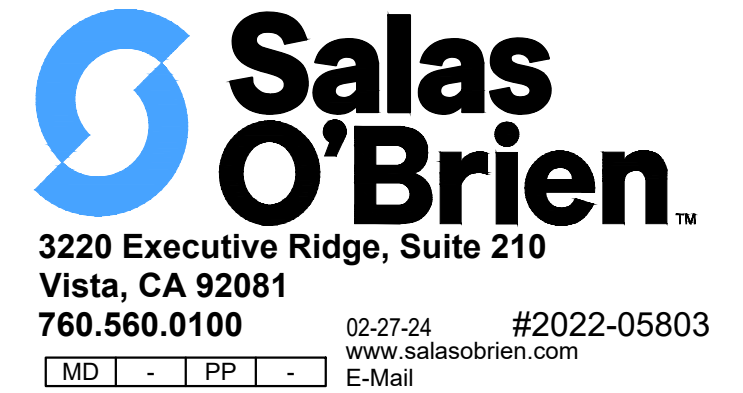
## KEY NOTES

- ① INSTALL NEW DRINKING FOUNTAIN WITH BOTTLE FILLER. CONNECT TO PLUMBING SERVICE OF THE REMOVED FIXTURE.
- ② DISCHARGE 2" WASTE FROM DRINKING FOUNTAIN TO DRYWELL PER CIVIL PLAN.
- ③ DRYWELL PER CIVIL PLAN DETAIL.
- ④ CONNECT 3/4" CW TO 1" CW BELOW GRADE PER CIVIL PLAN.

DSA STAMP



Studio W Architects  
1930 H Street  
Sacramento, California 95811  
[ T ] 916.254.5600  
www.StudioW-Architects.com



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NO.	REMARKS	DATE

DATE

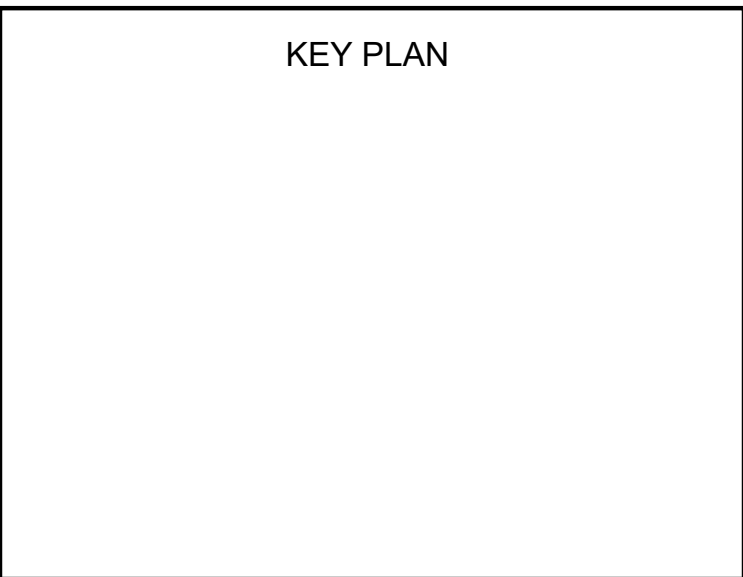
DRAWING STATUS

☐ DSA PLAN CHECK

☐ DSA BACK CHECK

☐ BIDDING

☐ CONSTRUCTION



WASHINGTON UNIFIED  
SCHOOL DISTRICT  
930 WESTACRE ROAD  
WEST SACRAMENTO, CA 95691

PROJECT STATUS

WUSD BRYTE CAREER &  
COLLEGE TRAINING  
ESSR III  
637 TODHUNTER AVENUE  
WEST SACRAMENTO, CA 95605

PLUMBING  
SITE PLAN

Date  
MM/DD/YYYY

Project Number  
22049

Application Number  
XX-XXXXXX

Drawing Number  
P1.1

Drawn  
PP

Checked  
SO

PLUMBING SITE PLAN

1" = 20'-0"

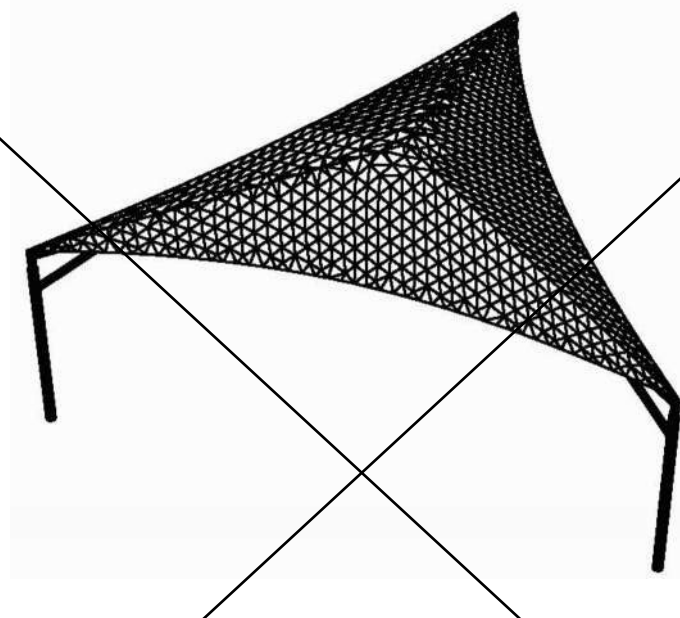
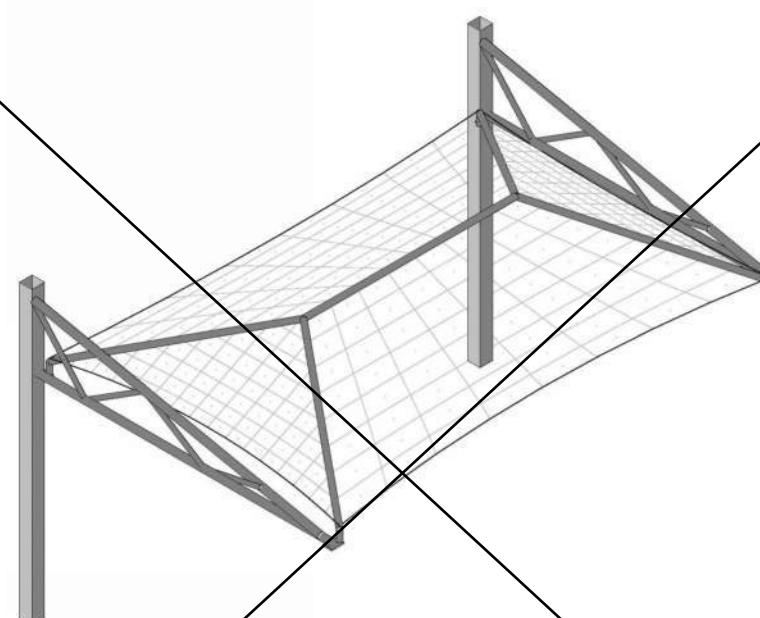
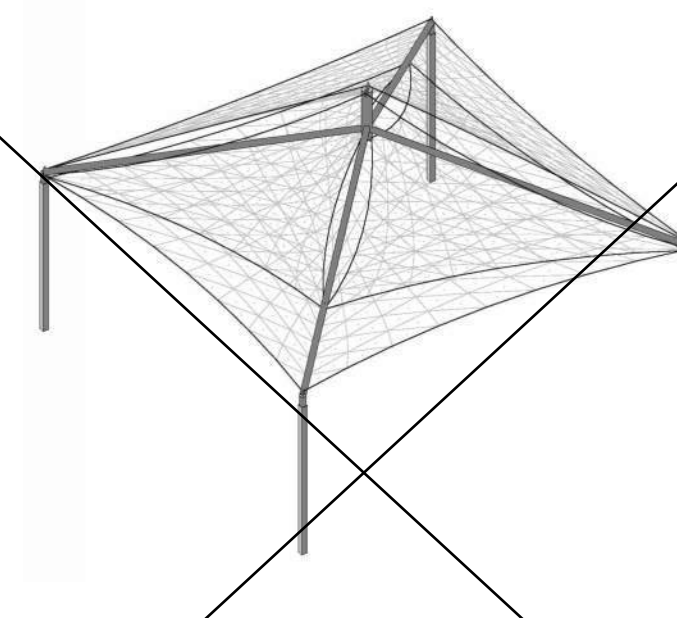
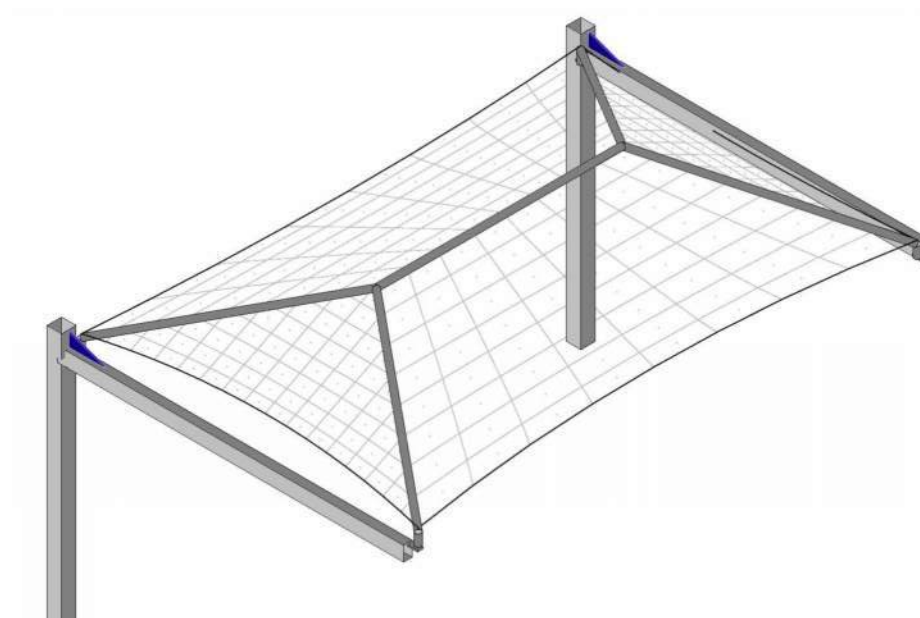
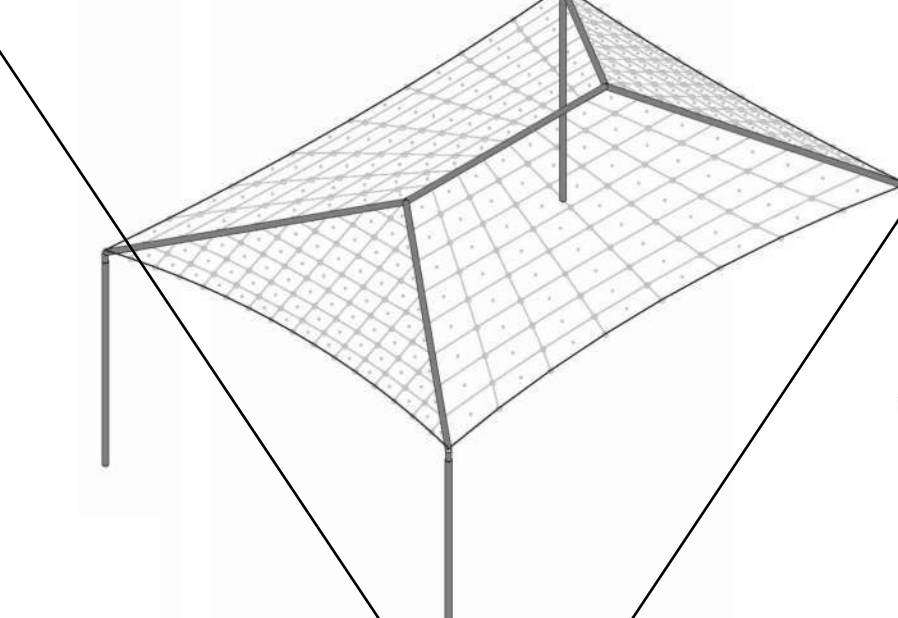

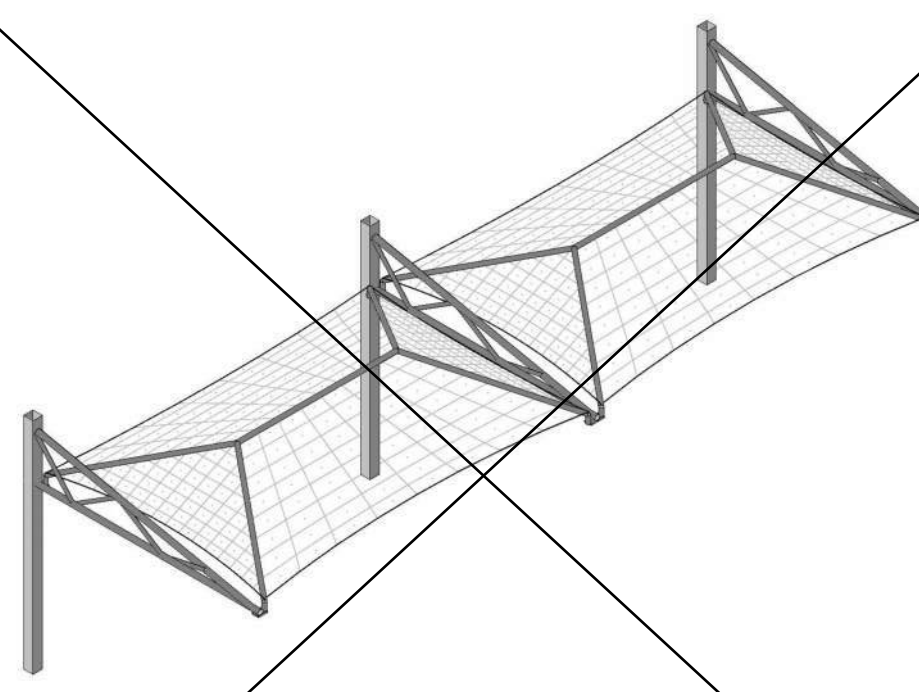
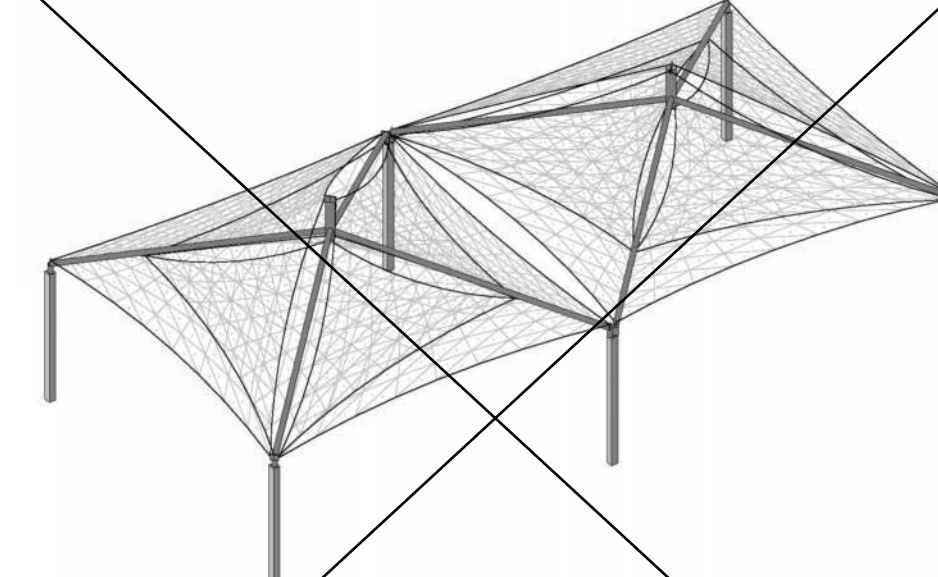
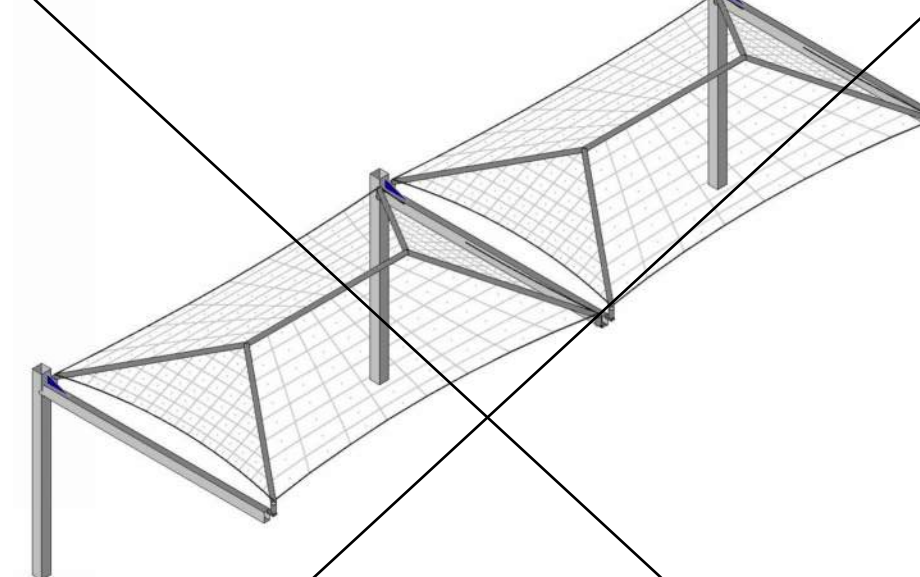
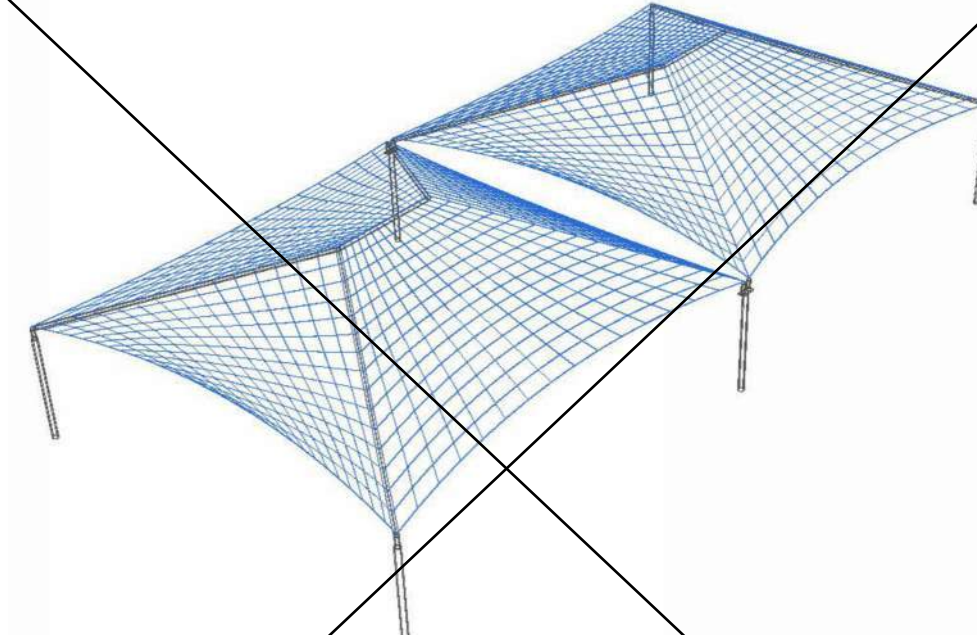
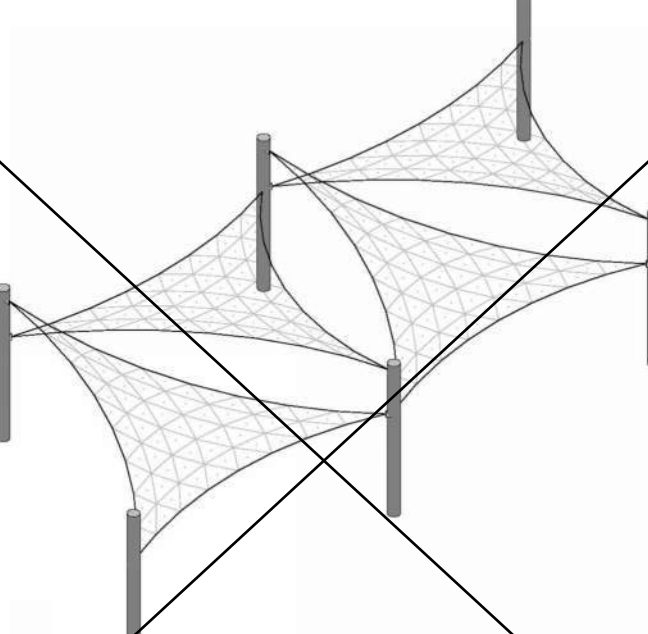
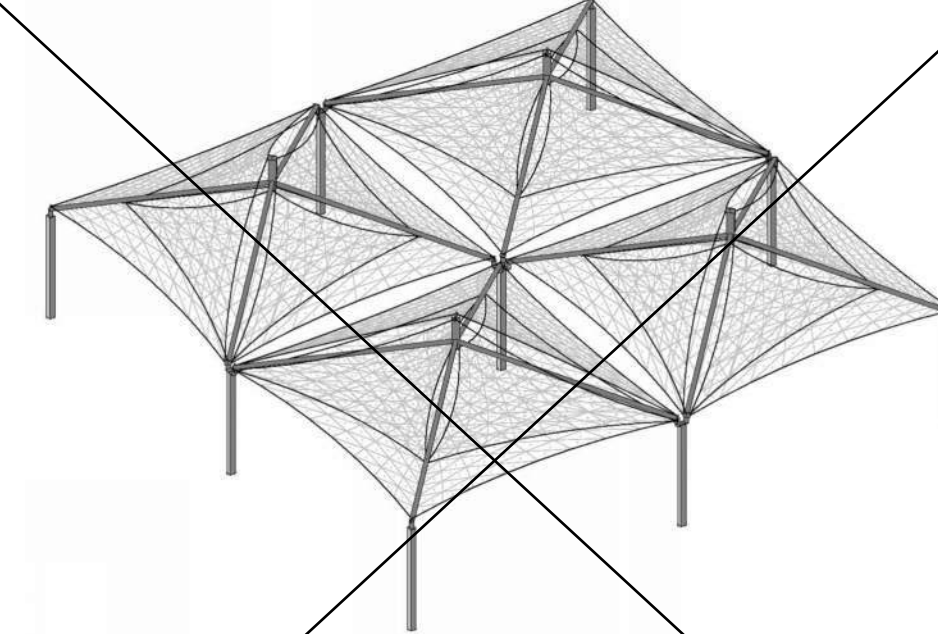
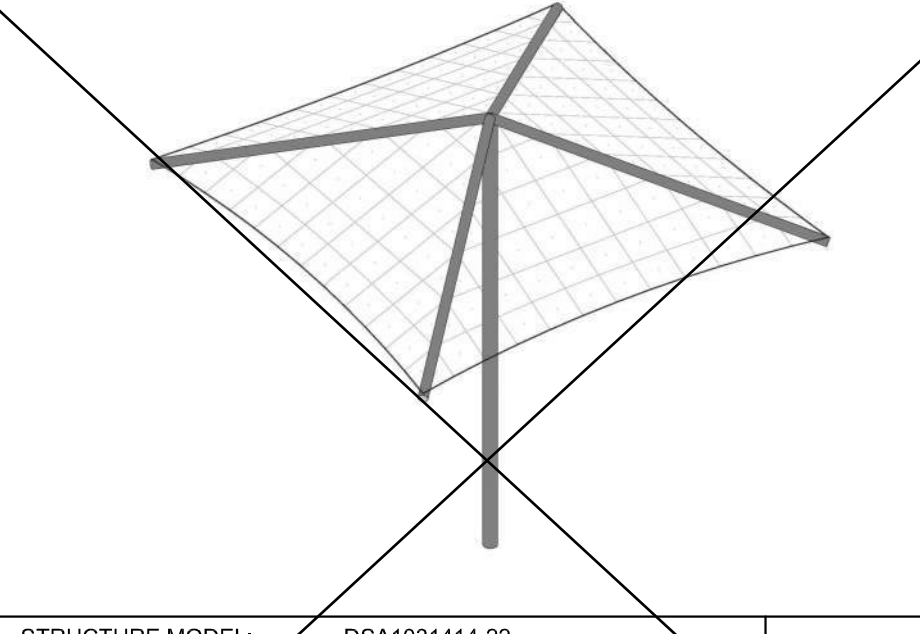
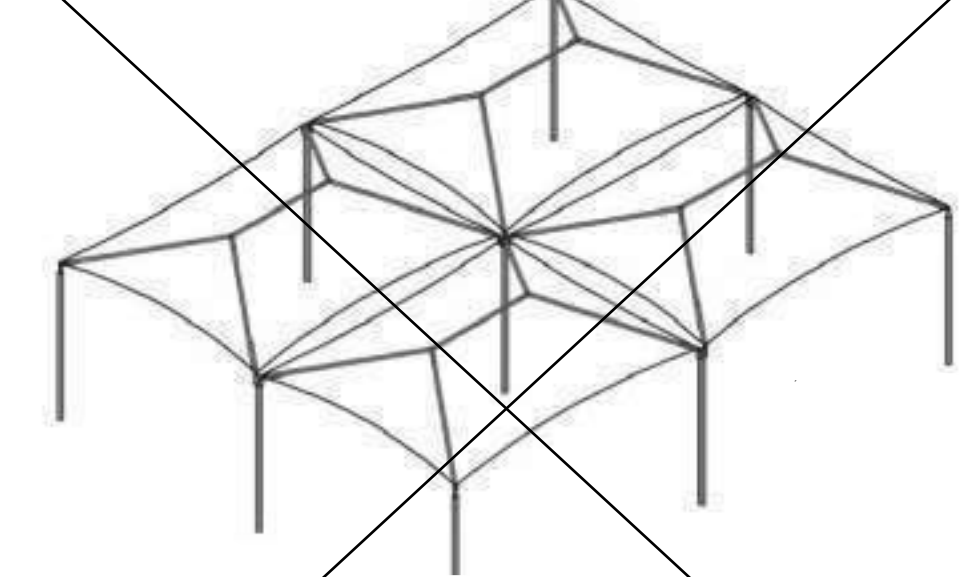
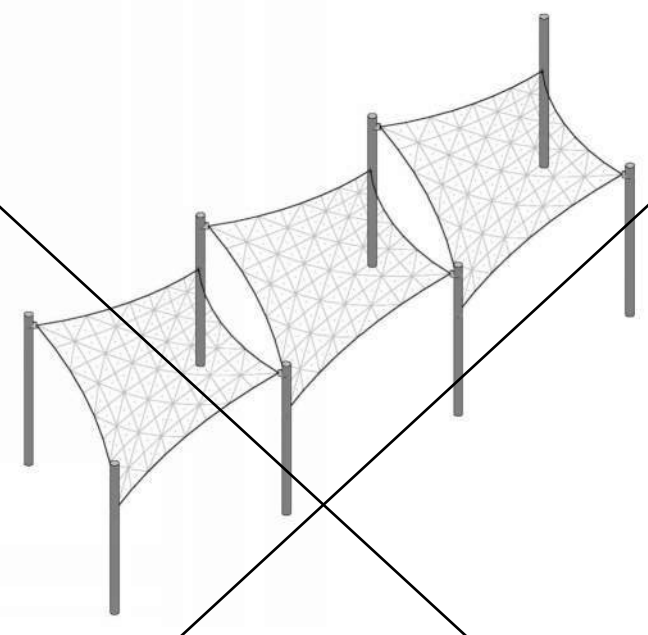
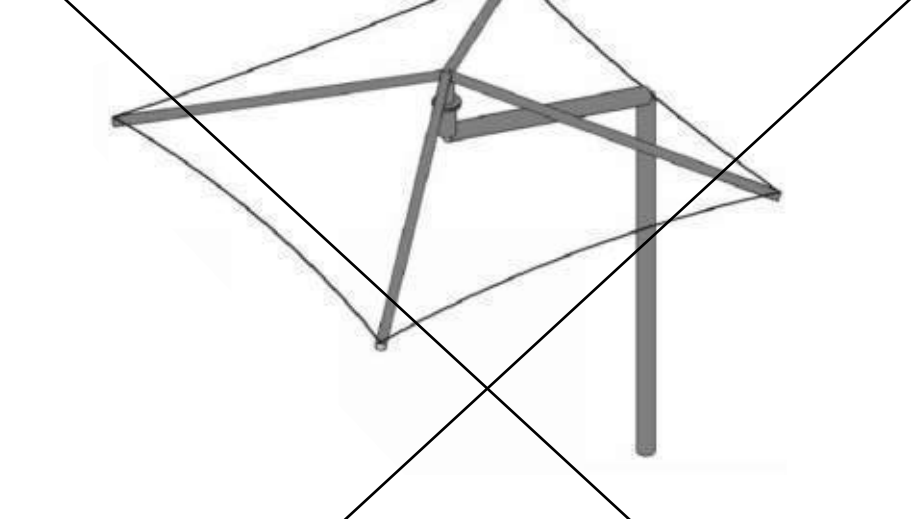

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IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 02-122278 INC:  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 03/26/2024

[illegible]



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THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN

 **USA SHADE & Fabric Structures**

**CORPORATE HEADQUARTERS**  
2580 ESTERS BLVD, SUITE 100  
DFW AIRPORT, TX, 75261  
800-966-5005

**CERTIFICATIONS:**  
IAS CERTIFICATION No: FA-428  
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

**CUSTOMER:**  
Washington U.S.D.

**PROJECT NAME:**  
Bryte Career & College Training

**LOCATION:**  
637 Todhunter Avenue  
West Sacramento, CA 95605

**MODEL NUMBER:**

**STRUCTURE TYPE:**

**SCALE : VARIES**

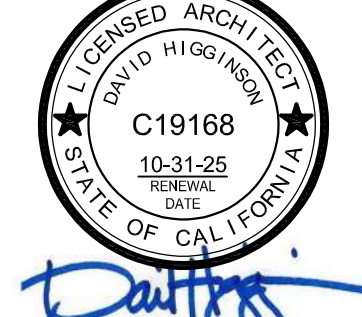

**DRAWING SIZE:**  
**D**

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

Eng. By :	DWH	2/14/23
Design By :	DWH	2/14/23
Approved By :	DWH	2/14/23

**DRAWING DESCRIPTION:**

DWG. UNIT SELECTION
SHEET T-2.0
REV.





#### GENERAL NOTES

- SPECIAL INSPECTION REQUIREMENTS SHALL FOLLOW THE ATTACHED SAMPLE TEST AND INSPECTION LIST (1 & 151) APPROVED BY DSA. THE SHOP WELDING INSPECTION SHALL INCLUDE WELDING OF ALL STEEL MEMBERS AND IDENTIFICATION OF STEEL THROUGH MILL CERTIFICATE OR MATERIAL TESTING. UNCERTIFIED STEEL SHALL BE TESTED TO THE REQUIREMENTS OF CBC 2022 CHAPTER 17A. THE FIELD SPECIAL INSPECTION SHALL INCLUDE COMPRESSION CYLINDER TESTS FOR THE CONCRETE FOUNDATION.
- STRUCTURE SHALL BE IN THE LOCATION SHOWN ON THE SITE SPECIFIC DSA APPLICATION DRAWING.
- FOUNDATION DESIGN BASED ON CBC 2022, TABLE 1806A.2, SOIL CLASS 5 (ALLOWABLE FOUNDATION PRESSURE 1500 PSF)
- DESIGN PER FOLLOWING CODES: CBC 2022 (CHAPTER 35), ASCE 7-16, AISC 360-16, AISC 341-16, ACI 318-19, ASCE 55-16 & ASCE 19-16

#### STRUCTURAL STEEL

- FABRICATION OF THE STEEL STRUCTURES SHALL BE PERFORMED BY SHADE STRUCTURES OR AN AUTHORIZED LICENSEE. MATERIAL TESTING (OR MILL CERTIFICATES) AND INSPECTION OF WELDING SHALL BE CONDUCTED PER CBC 2022 SECTIONS 1704A, 1705A, 1705A.2, AND TABLE 1705A.2.1.
- ONLY CALIFORNIA LICENSED CONTRACTORS AUTHORIZED BY SHADE STRUCTURES SHALL INSTALL THE SHADE STRUCTURES.
- ALL WORK SHALL CONFORM TO CBC 2022 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- ALL GALVANIZED STEEL TUBE PRODUCTS MANUFACTURED BY ALLIED TUBE & CONDUIT FOR THIS STRUCTURE SHALL BE AND CONFORM TO ASTM A500-15 GRADE C, IN ITS ENTIRETY.  
TYPICAL MECHANICAL PROPERTIES ARE:  
ROUND TUBE GRADE C 46,000 PSI YIELD STRESS MINIMUM / 62,000 PSI TENSILE STRESS MINIMUM
- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE C, UNLESS OTHERWISE NOTED. TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR HSS PRODUCTS:  
SQUARE AND RECTANGULAR 50,000 PSI YIELD STRESS / 62,000 PSI TENSILE STRESS  
ROUND PIPE 50,000 PSI YIELD STRESS / 62,000 PSI TENSILE STRESS

- ALL PLATES PRODUCTS SHALL COMPLY WITH ASTM A572 GRADE 50.
- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.
- ALL WELDING TO CONFORM WITH AMERICAN WELDING SOCIETY STANDARDS AND SHALL BE INSPECTED BY AN AWS/COW INSPECTOR. AWS D1.1 FOR HOT ROLLED. AWS D1.3 FOR SHEET/COLD FORMED. AWS D1.8 SEISMIC SUPPLEMENT.
- ALL FULL PENETRATION WELD SHALL BE CONTINUOUSLY INSPECTED PER AWS D1.1 & D1.8.
- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" E70XX ELECTRODES UNLESS OTHERWISE NOTED. GMAW IS ACCEPTABLE.
- ALL STAINLESS STEEL BOLTS SHALL COMPLY WITH ASTM F-593, YIELD STRENGTH= 65 KSI, TENSILE STRENGTH=100 KSI MINIMUM, ALLOY GROUP 2, CONDITION CW1. ALL NUTS SHALL COMPLY WITH ASTM F-594 ALLOY GROUP 2, CONDITION CW1. REFERRING TO RCSC, ASTM F-593 IS NOT CONSIDERED AS HIGH STRENGTH BOLTS. BOLTS, ITEM 11, SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION (ST).
- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM F3125 GRADE A325 N (GALVANIZED). ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436, HIGH STRENGTH BOLTS. ITEM 15, SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION (ST) WITH DOUBLE NUTS. ALL NUTS SHALL BE LUBRICATED WITH A LUBRICANT CONTAINING A VISIBLE DYE SO A VISUAL CHECK CAN BE MADE FOR THE LUBRICANT AT THE TIME OF THE FIELD INSTALLATION. WASHERS SHALL BE GALVANIZED PER ASTM F2329.
- ALL STRUCTURAL STEEL ITEMS FROM NOTE 5) SHALL BE POWDER COATED WITH ONE SHOP COAT (2.5 MILS MIN.) OF ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM. THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER (TIG) (MANUFACTURED BY SHERWIN WILLIAMS, ASKO NOBEL, PPG OR TIGER DRYLAC). TO ACHIEVE OPTIMUM ADHESION, IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING. POLYESTER POWDER (TIG) SPECIFICATIONS SHALL BE AS FOLLOWS:  
- PENCIL HARDNESS (ASTM D-3363) - HUMIDITY (ASTM D-2247)  
- SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL SOFTNESS.

- ALL STEEL ROUND TUBING (ITEMS FROM NOTE 4) SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS. TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT.
- ALL EXPOSED STEEL FASTENERS SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329) AS APPLICABLE, OR PROTECTED WITH CORROSION PREVENTIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RED RUST IN MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117. ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT.

#### CONCRETE SPECIFICATION

- CONCRETE SHALL BE SAMPLED AND TESTED PER CBC 2022 SECTION 1903A & SHALL BE INSPECTED PER SECTION 1903A.
- CONCRETE TO BE F<sub>cy</sub>= 4500 PSI, TYPE V CEMENT PLUS POZZOLAN OR SLAG CEMENT, MAXIMUM WATER/CEMENT RATIO OF 0.45, PER ACI 318-19 CHAPTER 19. (NO ADMIXTURES CONTAINING CALCIUM CHLORIDE WILL BE USED.) REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 AND TO BE F<sub>yt</sub> 60000 PSI, MIN. GR. 60. ALSO COATED ACCORDING TO ASTM A707/ A707M. STANDARD SPECIFICATION FOR ZINC-COATING (GALVANIZED) STEEL BARS FOR CONCRETE REINFORCEMENT.
- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 36 (GALVANIZED PER ASTM A153, CLASS D MINIMUM OR ASTM F2329).  
ANCHOR BOLTS DIAMETER NEEDS TO BE AS FOLLOWS:  
A) ANCHOR BOLT #1 1/4"
- CERTIFIED MILL TEST REPORTS ARE TO BE PROVIDED FOR EACH SHIPMENT OF REINFORCEMENT.
- ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN APPLICABLE.
- CONCRETE EXPOSED TO FREEZING-AND-THAWING CYCLES SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3.

#### FABRIC SPECIFICATION

- FABRIC SHALL BE MANUFACTURED BY MULTIKINT LTD., WHICH MEETS THE SPECIFICATIONS LISTED ON PAGE 2000, AND SHALL BE FABRICATED FROM POLYETHYLENE MATERIALS. MINIMUM SEAM LENGTH 3/4".
- THE FABRIC SHALL RETAIN 80% OF ITS TENSILE AND TEARING STRENGTH AFTER ULTRAVIOLET EXPOSURE PER ASTM G53 USING A 313 NM LIGHT SOURCE FOR 500 HOURS WHILE MOISTENED FOR 1 HOUR EVERY 12 HOURS.
- PROVIDE CERTIFICATION BY MANUFACTURER AND STATE FIRE MARSHAL TO SCHOOL'S DISTRICT INSPECTOR OF RECORD AT SITE SPECIFIC INSTALLATION. COPY OF FIRE CERTIFICATION SHALL BE SENT TO DSA.
- FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE BY THE DISTRICT. FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84 EXTENDED 30 MINUTES TEST. FLAME SPREAD INDEX (FSI): 10. SMOKE DEVELOPED INDEX (SDI): 50. FABRIC IS ACCEPTABLE FOR USE IN WILDLIFE URBAN INTERFACE AREA.
- FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF ARE ANTICIPATED. FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED.
- A VISUAL INSPECTION LOOKING FOR TEAR AND ABNORMAL WEAR IN FABRIC MATERIAL AND THREAD IS REQUIRED PRIOR TO RE-INSTALLATION. USA SHADE & FABRIC STRUCTURES SHALL BE NOTIFIED IF SIGNIFICANT DAMAGE IS PRESENT BEFORE RE-INSTALLATION.

- FOR FABRIC ATTACHMENT USE 3/8" 7x19 GALV. CABLE PER ASTM A1023/A1023M, WITH A BREAKING STRENGTH VALUE OF 14,400 LBS. CABLE SHALL BE TENSIONED TO 300 LBS MINIMUM AND 500 LBS MAXIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS 54,909 LBS.
- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTING VISITS AS REQUIRED.

#### CBC PC DESIGN NOTES

- BUILDING CODE: CBC 2022 (BASED ON IBC 2021)  
FLOOR LIVE LOAD: N/A  
ROOF LIVE LOAD: RLL 5 PSF
- ALLOWABLE SOIL PRESSURE:  
DL + LL (CONC FTG) 1500 PSF  
DL + LL + SEISMIC (CONC FTG) 1500 PSF  
LATERAL BEARING DESIGN VALUE 100 PSF/FT BELOW NATURAL GRADE, PER TABLE 1806A.2
- TWO TIMES THE TABULAR VALUE IS USED (200 PSF/FT)  
PER CBC SECTION 1806A.3.4.  
ALLOWABLE PIER FRICTIONAL RESISTANCE 250 PSF MAXIMUM  
BASED ON SECTION 1810A.3.3.1.4 (ONE-SIXTH OF THE BEARING VALUE).  
UPLIFT FRICTIONAL RESISTANCE HAVE A SAFETY FACTOR OF 3.

- ROOF SNOW LOAD 5 PSF  
ICE LOAD ZERO PSF  
FLOOD HAZARD AREA ZONE X
- WHEN A SITE SPECIFIC 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 THE PC ARE STILL APPLICABLE.
- WIND DESIGN DIRECTIONAL PROCEDURE: ASCE 7-16, SECTION 27.3.2  
NOTE: WIND DESIGN IS LIMITED TO UNOBSTRUCTED CLEAR FLOW CONDITION  
- BASIC DESIGN WIND SPEED (3 SEC GUST) V 115 MPH  
- ASD WIND LOAD (CBC 2022 SEC. 1603A.1.4) V 90 MPH  
- WIND EXPOSURE FACTOR C 1  
- TOPOGRAPHIC FACTOR Kzt 1  
- RISK CATEGORY II 1  
- VELOCITY PRESSURE EXPOSURE COEFFICIENT Kq 0.88  
- VELOCITY PRESSURE qz 25.32 PSF

- SEISMIC DESIGN:  
SITE CLASS D  
NOTE: UNLESS A SITE-SPECIFIC GROUND MOTION HAZARD ANALYSIS IS PERFORMED, THE SM1 VALUE INCREASED BY 50% SHALL BE LESS THAN THE DESIGN CRITERIA STATED HEREIN.

- SPECTRAL RESPONSE COEFFICIENTS  
SDS 3.00g  
SDS 2.00  
SD1 1.39
- LATERAL FORCE RESISTING SYSTEM G.2 ORDINARY CANTILEVERED COLUMN SYSTEM
- SEISMIC IMPORTANCE FACTOR Ie 1.0  
-DESIGN BASE SHEAR AT BASE V 6866 LB  
-SEISMIC RESPONSE COEFFICIENTS Cs 1.6  
-RESPONSE MODIFICATION FACTOR R 1.25  
-ANALYSIS PROCEDURE E  
-RISK CATEGORY II  
-SEISMIC DESIGN CATEGORY D  
-SITE COEFFICIENT CATEGORY 1.2  
-REDAUNDANCY FACTOR Fv 1.5  
p 1.3

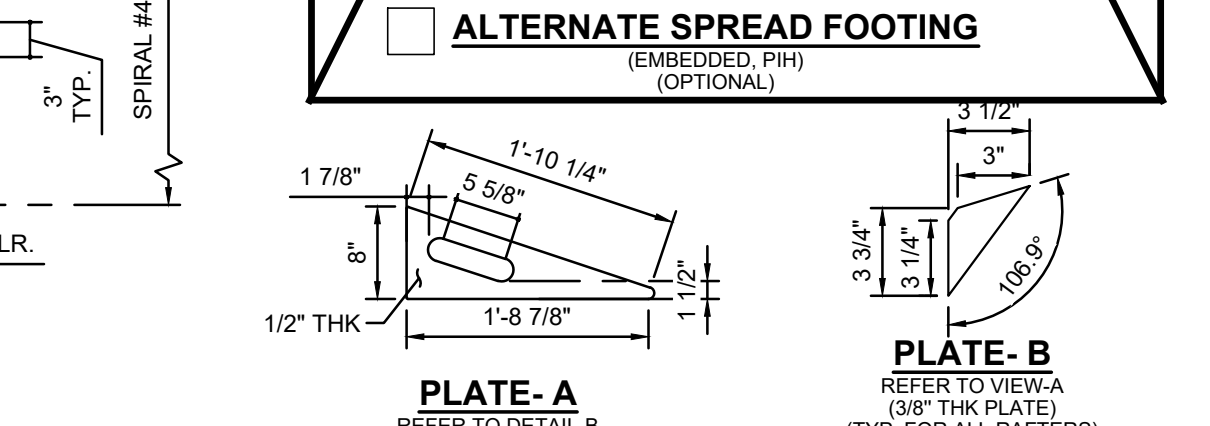
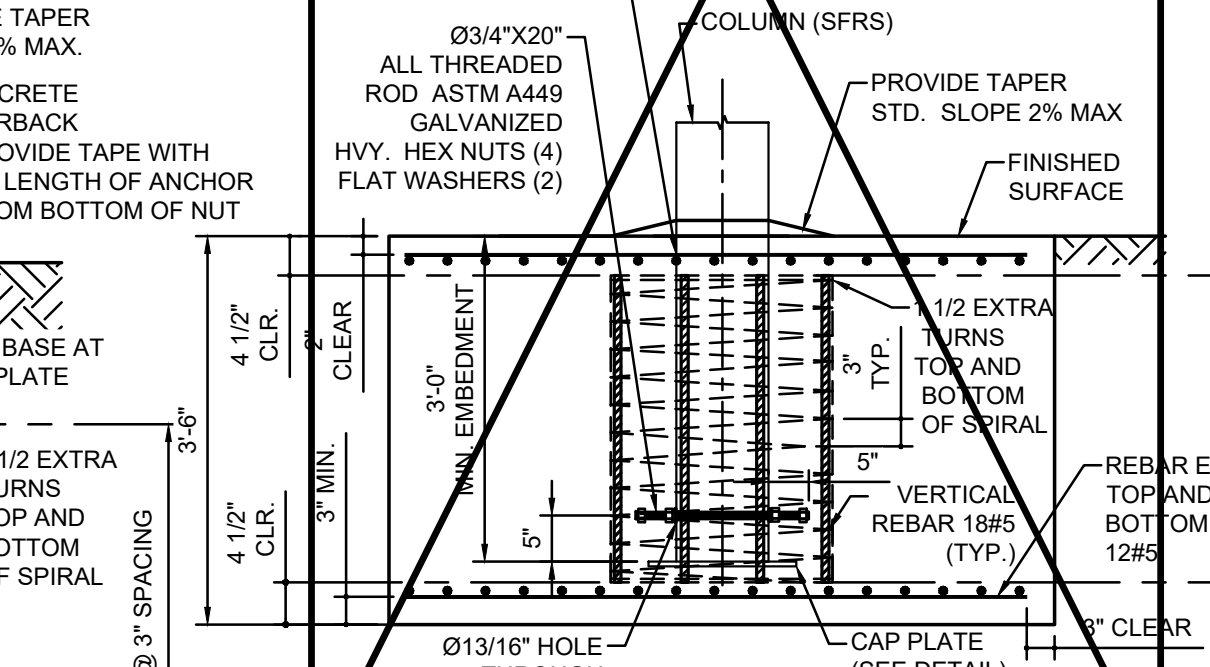
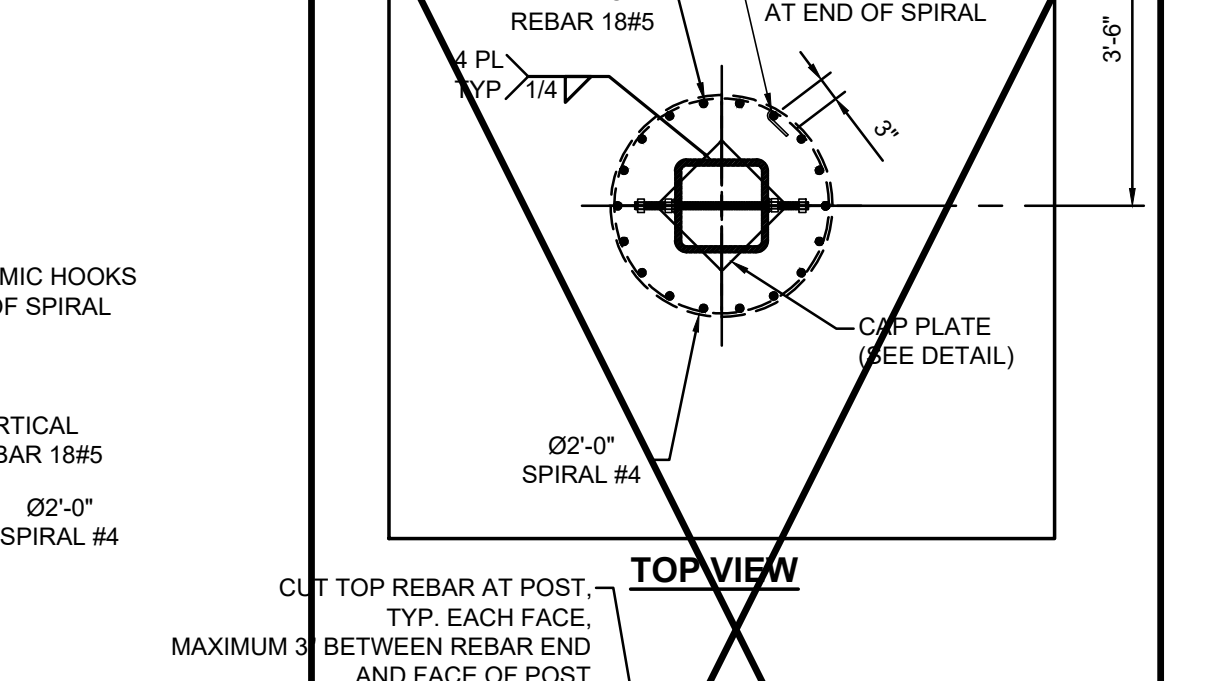
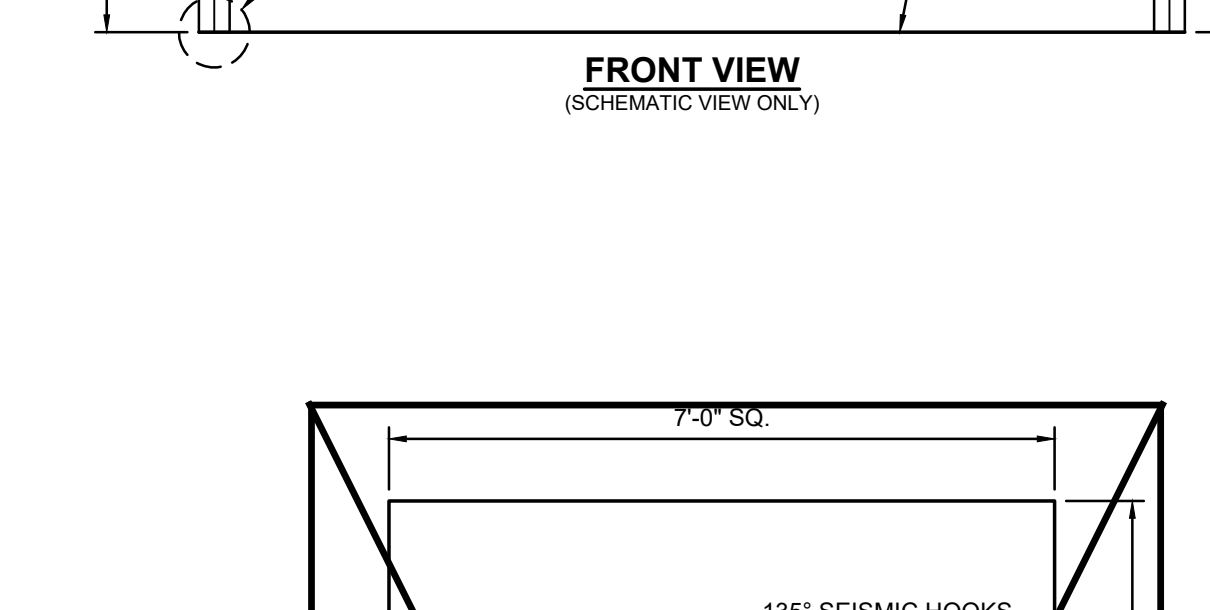
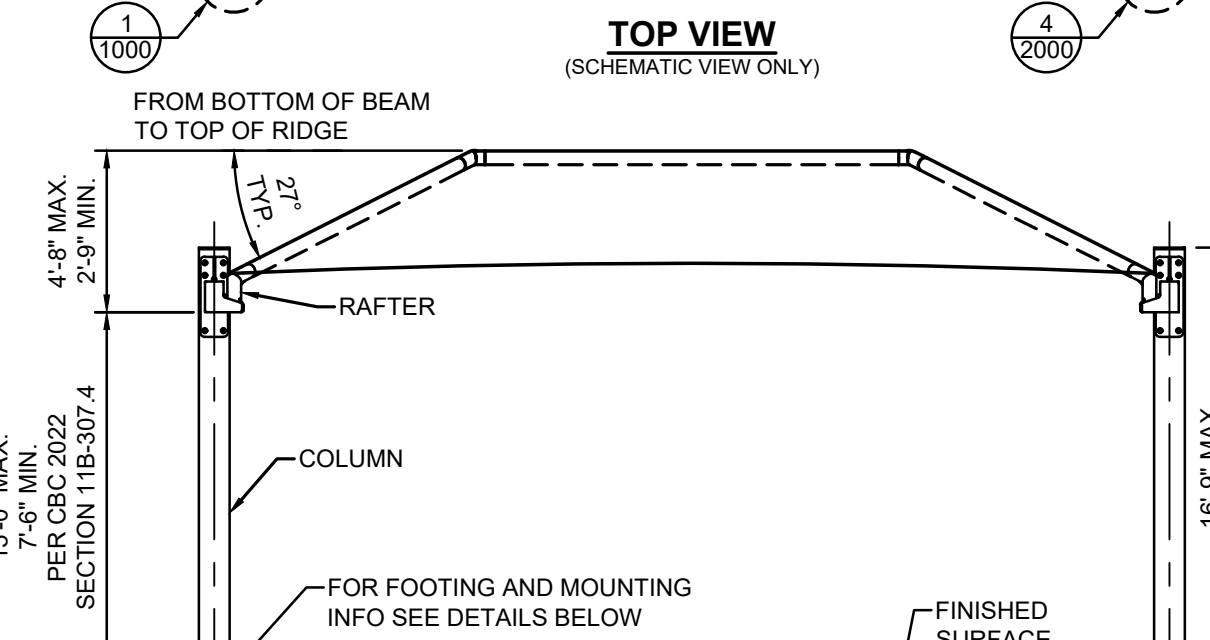
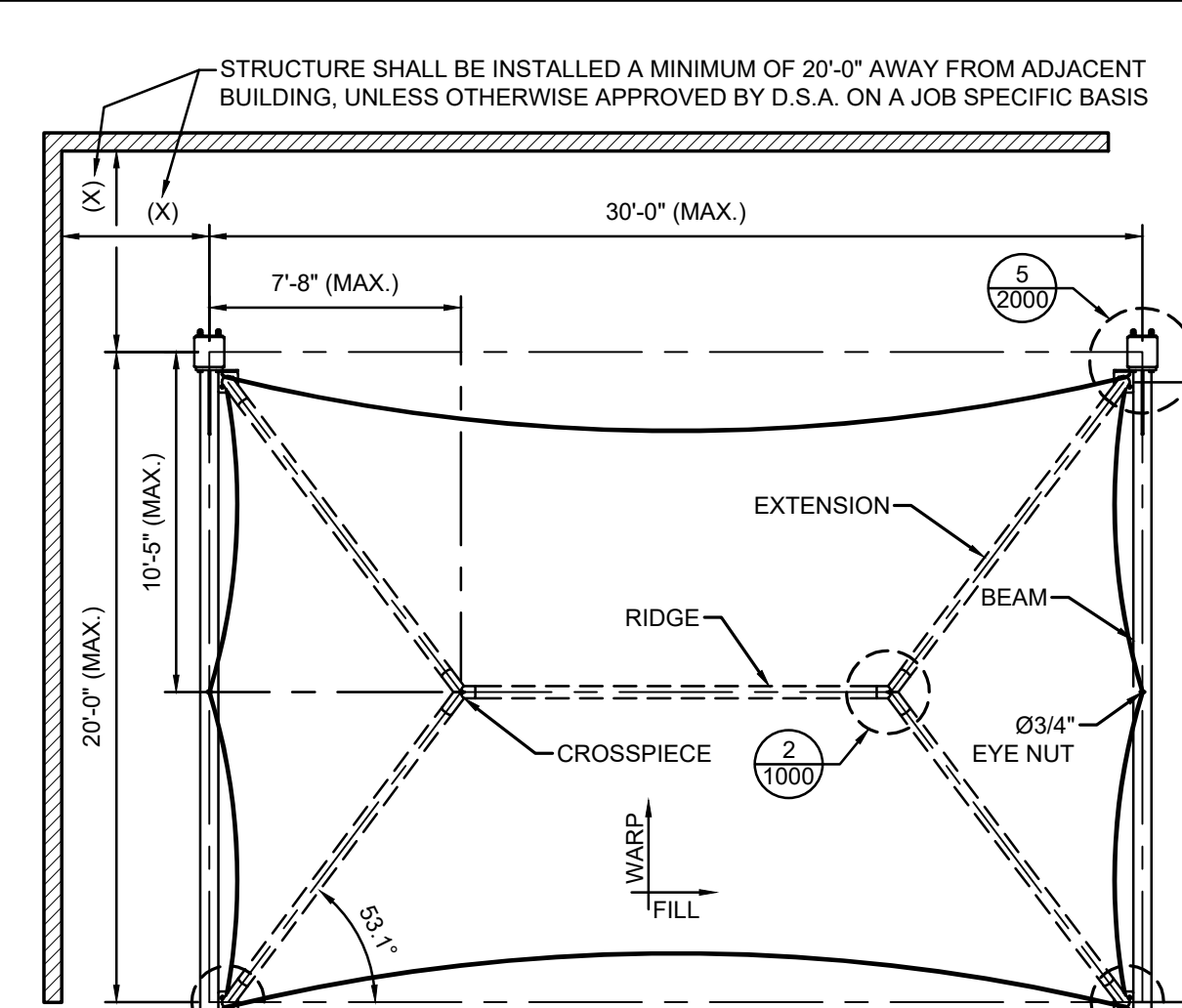
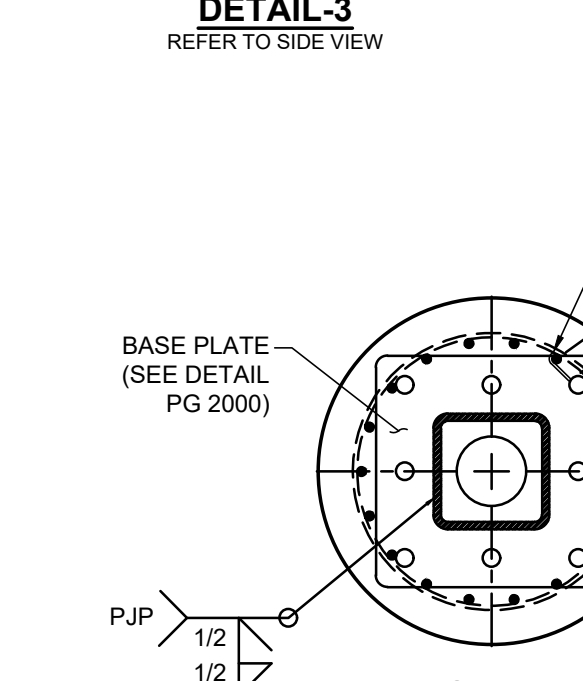
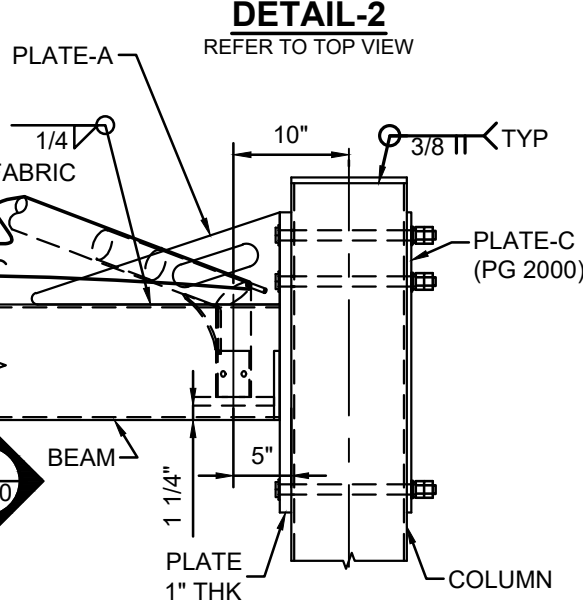
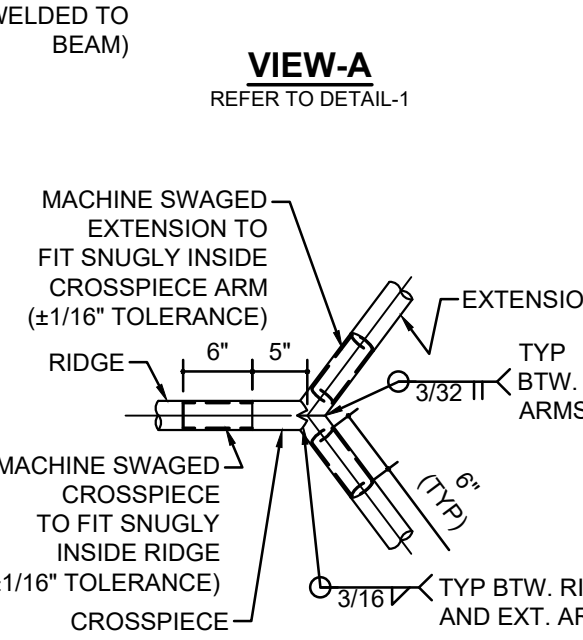
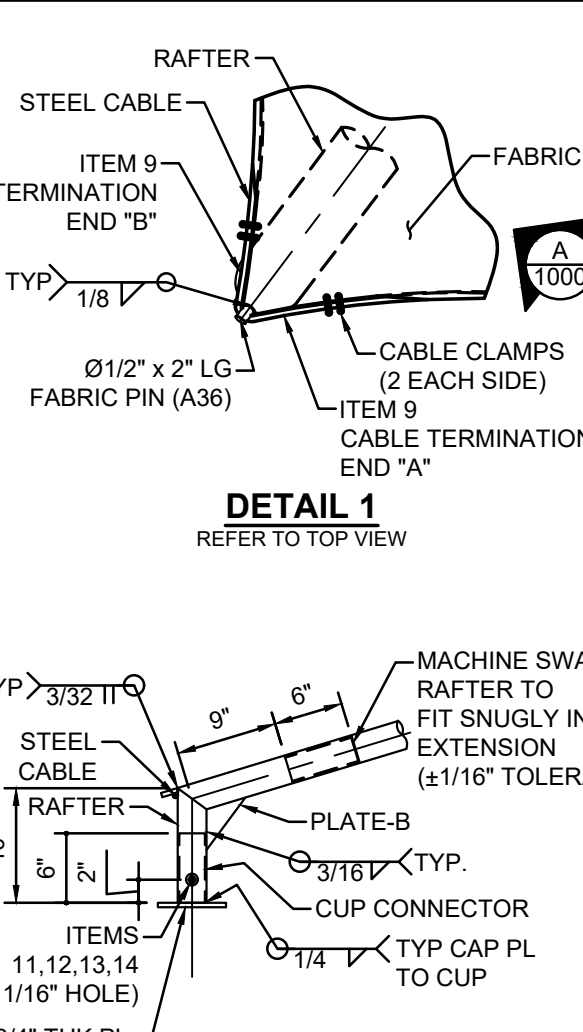
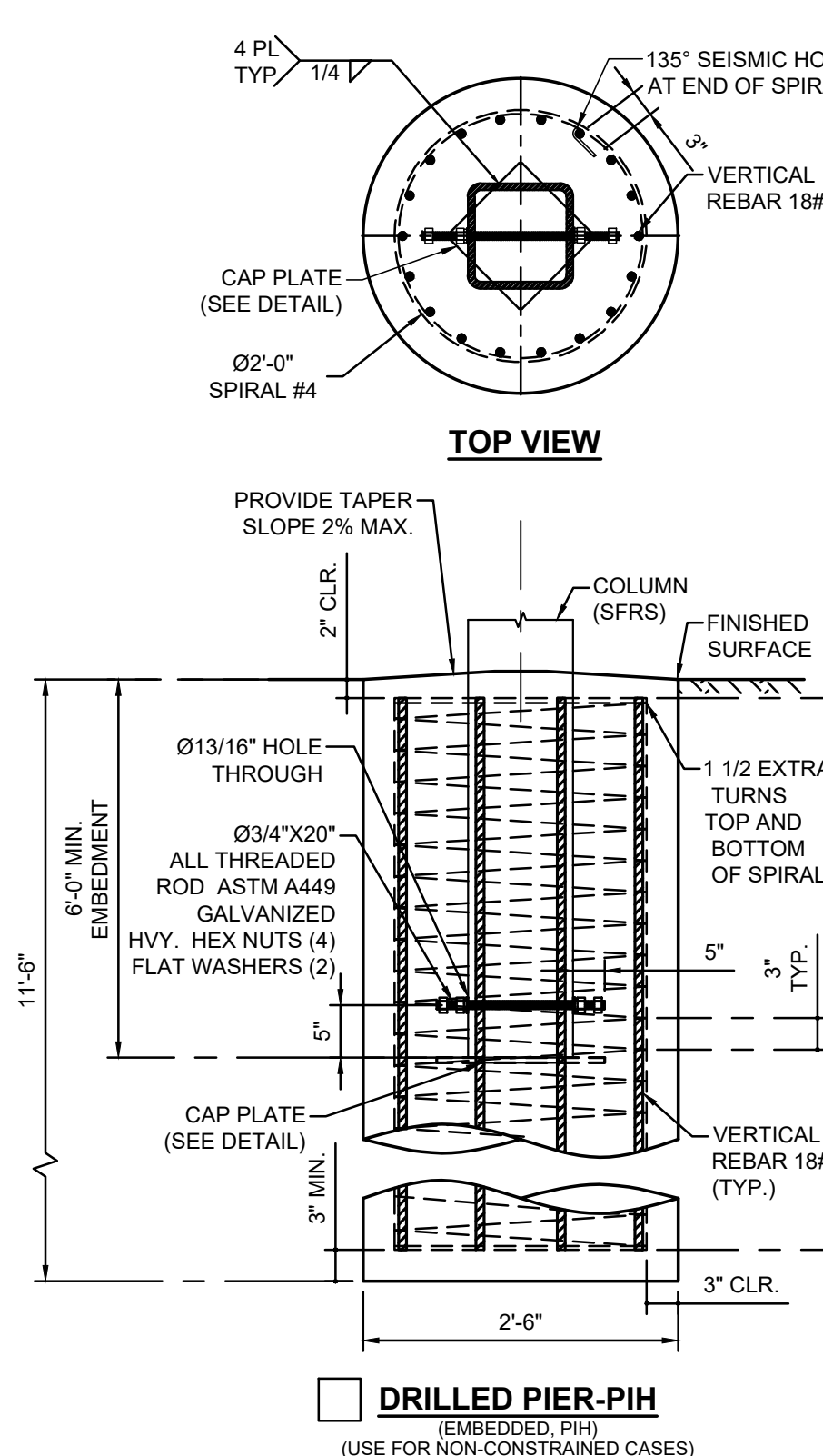
- GEHAZARD REPORT IS NOT REQUIRED FOR OPEN FABRIC STRUCTURES 1,600 SQ FT OR LESS COMPLYING WITH THE REQUIREMENTS OF IR A-4 SECTION 3.1.1. OPEN FABRIC SHADE STRUCTURES GREATER THAN 1,600 SQUARE FEET UP TO A MAXIMUM OF 4,000 SQUARE FEET AND COMPLYING WITH THE REQUIREMENTS NOTED IN IR A-4 SECTION 3.1.1 DO NOT REQUIRE A GEHAZARD REPORT PROVIDED A GEOTECHNICAL REPORT INDICATES THAT NO LIQUEFACTION POTENTIAL EXISTS.

- ARCHITECT OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN GEOLOGIC HAZARD ZONE. GEHAZARD REPORT REQUIREMENTS PER DSA IR A-4.

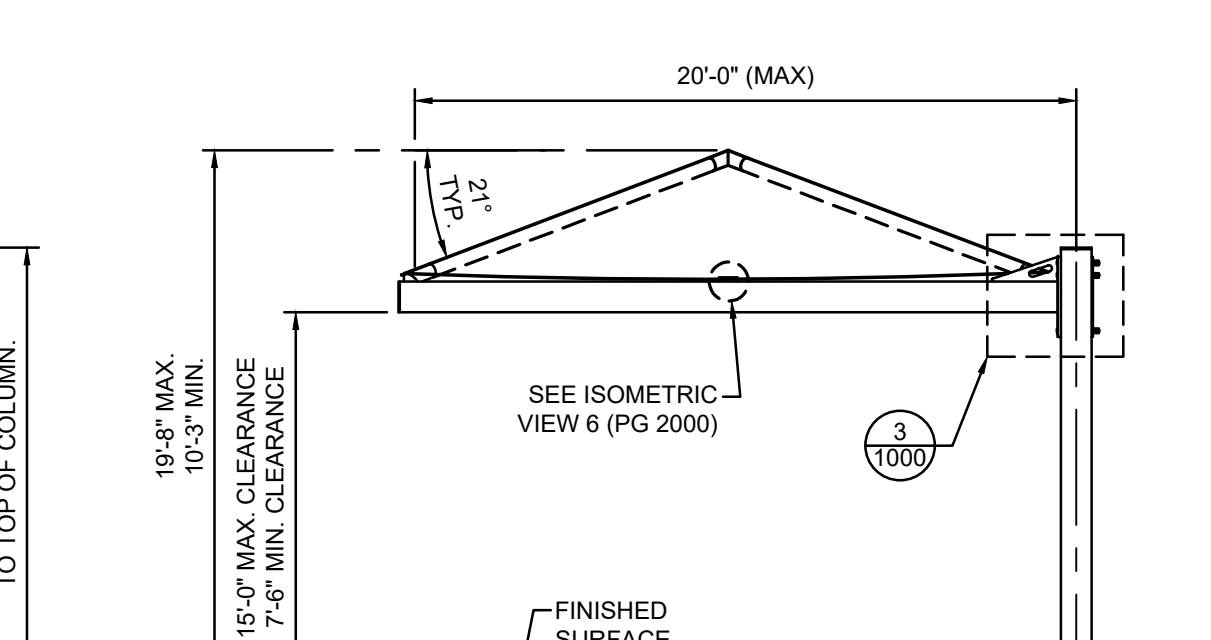
- PC OPTIONS SHALL NOT INCLUDE LIQUEFIABLE SOIL (EXCEPTION: OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET OR LESS COMPLYING WITH REQUIREMENTS OF IR A-4 SECTION 3.1.1). IF STRUCTURE IS LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F, OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND REGULAR PROJECT SUBMITTAL IS REQUIRED. IF SITE IS NOT IN A MAPPED LIQUEFACTION HAZARD ZONE, IT MAY BE PRESUMED THAT NO LIQUEFACTION HAZARD EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEOTECHNICAL REPORT IDENTIFIES SUCH HAZARD.

- MINIMUM FOUNDATION SETBACK LIMIT IN ADJACENT SLOPE: THE DEPTH OF REQUIRED PIER EMBEDMENT SHALL START FROM AN ELEVATION THAT CORRESPONDS WITH A HORIZONTAL CLEAR DISTANCE OF 17'-6" THAT INTERSECT WITH THE SLOPE (DAYLIGHTING). IF SETBACK LIMITS ARE SMALLER THAN CBC REQUIREMENTS, A SITE-SPECIFIC SOILS REPORT IS REQUIRED.

- MINIMUM CLASS 2 PROJECT INSPECTOR REQUIRED.



LIST OF MATERIALS			
ITEM	QTY	DESCRIPTION	MATERIAL
1	2	COLUMN	HSS 10 x 10 x 0.625
2A	1	BEAM LEFT	HSS 10 x 6 x 0.375
2B	1	BEAM RIGHT	HSS 10 x 6 x 0.375
3	4	CUP CONNECTOR (6" LG)	HSS 4.0 x 0.25
4	4	RAFTER (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
5	4	EXTENSION (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
6	2	CROSSPIECE (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
7	1	RIDGE	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
8	1	FABRIC TOP	FR COLOURSHADE 1907F5
9	1	Ø3/8" CABLE	GALVANIZED STEEL
10	4	Ø3/8" CABLE CLAMP	GALVANIZED STEEL
11	4	Ø5/8"-11NC x 6" HEX BOLT (ST)	316 SS
12	4	Ø5/8"-11NC HEX NUT	316 SS
13	8	Ø5/8" FLAT WASHER	316 SS
14	4	Ø5/8" SPLIT LOCK WASHER	316 SS
15	12	Ø1"-8NC x 14 1/2" HEX BOLT (ST)	ASTM F3125 GRADE A325, GALVANIZED
16	24	Ø1"-8NC HEX NUT	ASTM A563 GALVANIZED
17	12	Ø1" SPLIT LOCK WASHER	ASTM F436 GALVANIZED
18	24	Ø1" FLAT WASHER	ASTM F436 GALVANIZED



NOTE: THE MINIMUM CLEARANCE REQUIRED BETWEEN DRILLED PIERS WHEN PLACING MULTIPLE OPEN FABRIC SHADE STRUCTURES ADJACENT TO EACH OTHER, FROM CENTER TO CENTER, IS THREE TIMES THE LEAST HORIZONTAL DIMENSION OF THE PIER PER CBC 2022 SEC. 1810A.2.5.

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



CORPORATE HEADQUARTERS  
2580 ESTERS BLVD, SUITE 100  
DFW AIRPORT, TX, 75261  
800-966-5005

#### CERTIFICATIONS:

IAS CERTIFICATION No: F4-428  
CLARK COUNTY MANUFACTURER  
CERTIFICATION NUMBER (NEVADA): 355

#### CUSTOMER:

Washington U.S.D.

#### PROJECT NAME:

Bryte Career & College Training

#### LOCATION:

637 Todhunter Avenue  
West Sacramento, CA 95605

#### MODEL NUMBER:

#### STRUCTURE TYPE: FULL CANTILEVER HIP SINGLE - DSA

SIZE: MAXIMUM  
20' x 30' x 15' MAX.

SCALE: NONE

DRAWING SIZE: D

#### PRE-CHECK (PC) DOCUMENT

Code: 2022 CBC  
A separate project application for construction is required.

Eng. By: HH 12/01/22

Design By: OS 12/01/22

Approved By: MB 12/01/22

#### DRAWING DESCRIPTION:

#### PRODUCT INFORMATION

DWG. DSA2022030-22

SHEET 11.1-1000

REV. NC





### 190/F5 Fire rated specifications

#### Standard range

Revision 0 28-Oct-12

Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Mass ratio
Desert Sand	80	92	185	50	40	72	73	156	0.84
Blue	80	85	185	50	40	72	73	156	0.84
Brown	85		185	50	40	72	73	156	0.84
Green	80	85	185	50	40	72	73	156	0.84
Red	80	86	185	50	40	72	73	156	0.84
Silver	80	81	185	50	40	72	73	156	0.84
Terracotta	75	82	185	50	40	72	73	156	0.84
Yellow	80	89	185	50	40	72	73	156	0.84
			110 LB			159 LB			3258 PSF

#### Notes:

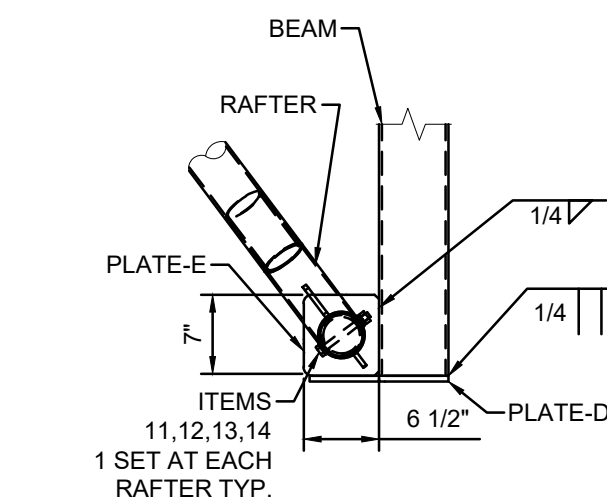
190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics  
Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min

This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory. The information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.  
Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

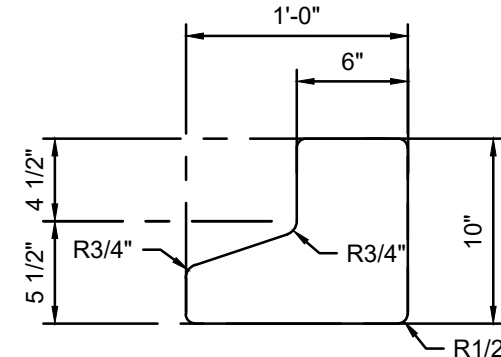
Deon Joubert  
General Manager - Multiknit (Pty) Ltd

Tommy Rogers  
Managing Director - Multiknit (Pty) Ltd

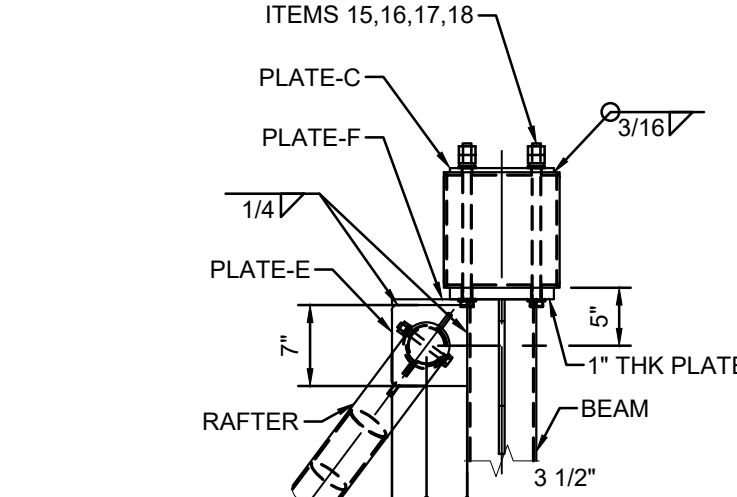
CONVERSION TO  
IMPERIAL UNITS:  
185 GSM = .0378 psf  
50 KGS = 110 lb  
72 KGS = 159 lb  
156 Kpa = 3258 psf



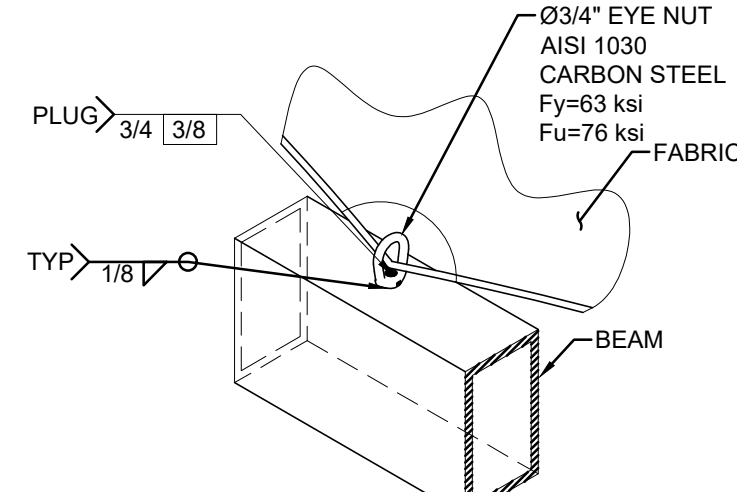
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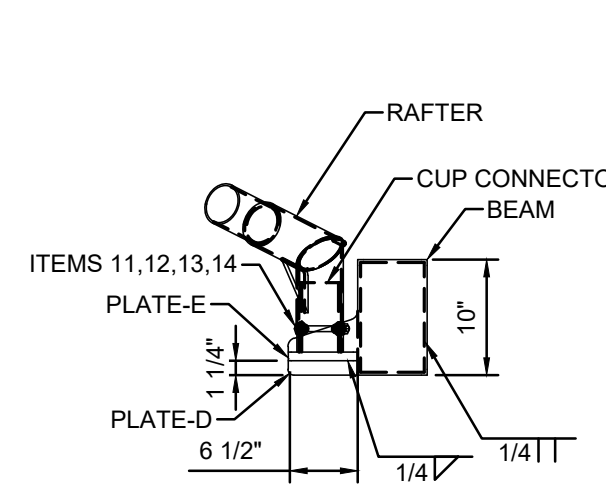
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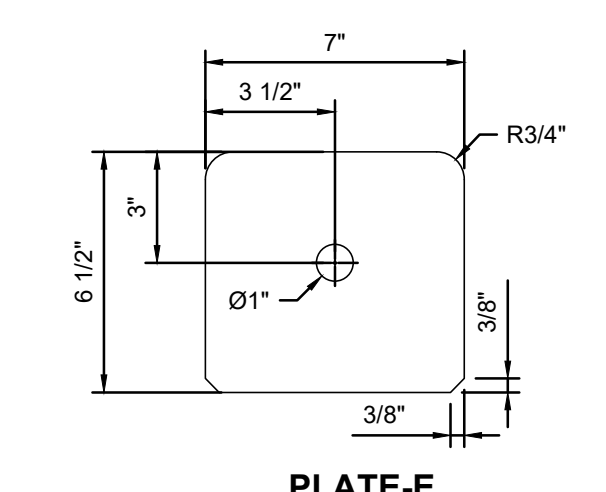
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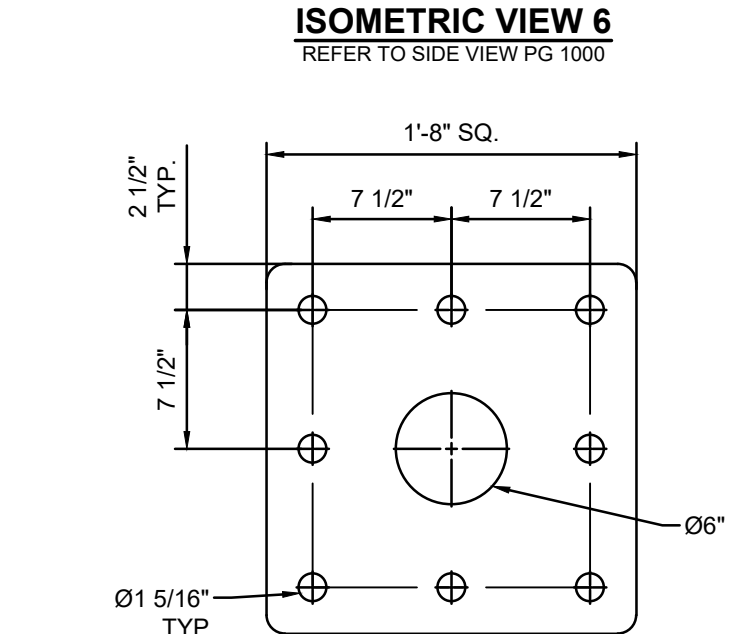
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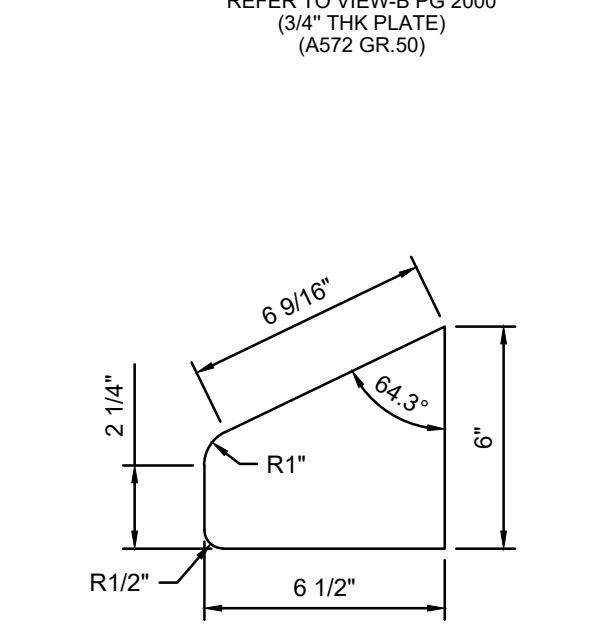
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DETAIL-9  
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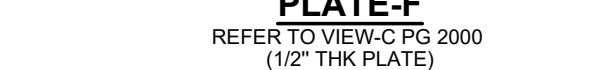
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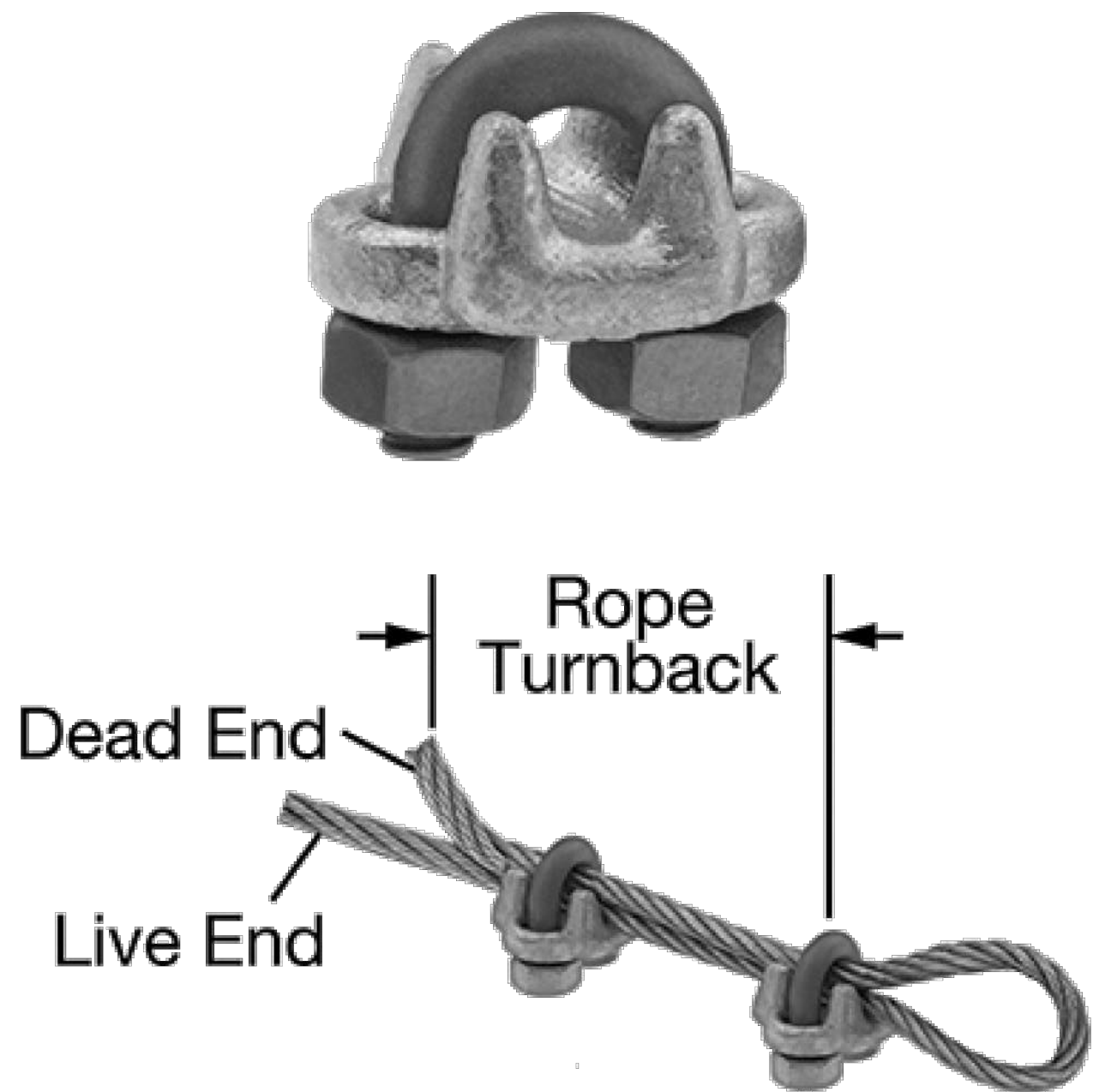
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DETAIL-12  
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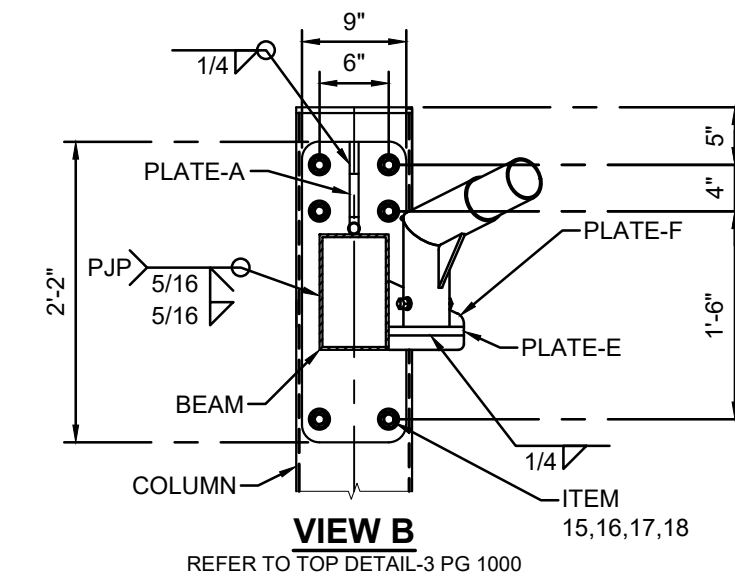


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#### FORGED WIRE ROPE CLAMP

FITTING TYPE ROPE CLAMP  
FABRICATION: FORGED  
MATERIAL: GALVANIZED STEEL  
FOR WIRE ROPE DIAMETER 3/8"  
NUMBER OF CLAMPS REQUIRED: 2  
ROPE TURNBACK: 6 1/2"  
FOR WIRE ROPE CONSTRUCTION 7 x 19  
ATTACHMENT TYPE: LOOP  
CLAMP WIDTH 2", HEIGHT 1 15/16", THICKNESS 1 11/16"  
REQUIRED INSTALLATION TOOL TORQUE WRENCH  
REQUIRED TORQUE 45 FT-LBS.  
CAPACITY 80% OF THE ROPE'S CAPACITY  
SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450

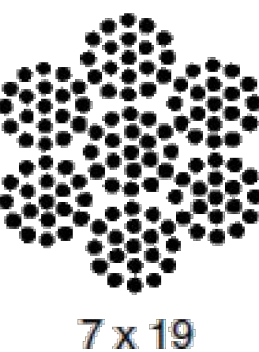


VIEW B  
REFER TO TOP VIEW PG 1000

### Aircraft Cable

Preformed, made in accordance with commercial specifications military and federal specification rope available.

**Carbon Steel (Aircraft Cable) - Galvanized**  
cable has the highest strength and greatest fatigue life of the materials offered. It has good to fair corrosion resistance in rural to industrial atmosphere environments. This material is most widely used for small diameter cables. Tin over galvanized cable offers greater corrosion resistance and reduced friction over pulleys.



7 x 19		Galvanized Min. Breaking Strengths (lbs)
Dia. (In)	Approx. Wt 1000 Ft/lbs	
3/32	17.	1,000
1/8	29.	2,000
5/32	45.	2,800
3/16	65.	4,200
7/32	86.	5,600
1/4	110.	7,000
9/32	139.	8,000
5/16	173.	9,800
3/8	243.	14,400



#### FLAME RETARDANT

##### Fabric Registration

LICENSE NUMBER: F-052001

COLOURSHADE 190/F5

#### Product Marketed by:

MULTIKNIT (PTY) LTD

BOX 786 WHITE RIVER 1240

MPUMALANGA SOUTH AFRICA

Issue Date : 05/06/2023

Expiration Date : 06/30/2024

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code. The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

Endorsement

Issued By: Courtney Walker  
Fire Engineering License Manager  
Fire Engineering & Investigations Division

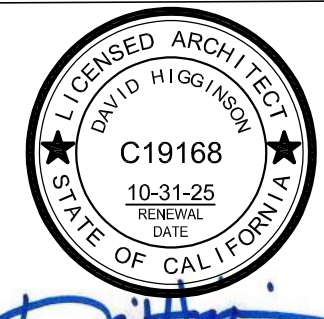
Reviewed and Approved By: Patricia Setzer

Deputy State Fire Marshal III  
Fire Engineering & Investigations Division

OFFICE OF THE STATE FIRE MARSHAL

Please visit [calfire.gov/motus.org](http://calfire.gov/motus.org) for more information on Licensing and Permitting with CAL FIRE

Page 1 of 1



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CORPORATE HEADQUARTERS  
2580 ESTERS BLVD, SUITE 100  
DFW AIRPORT, TX, 75261  
800-966-5005

#### CERTIFICATIONS:

IAS CERTIFICATION No: FA-428

CLARK COUNTY MANUFACTURER  
CERTIFICATION NUMBER (NEVADA): 355

#### CUSTOMER:

Washington U.S.D.

#### PROJECT NAME:

Bryte Career & College Training

#### LOCATION:

637 Todhunter Avenue  
West Sacramento, CA 95605

#### MODEL NUMBER:

#### STRUCTURE TYPE:

FULL CANTILEVER HIP  
SINGLE - DSA

#### SIZE:

MAXIMUM  
20' x 30' x 15'e MAX.

#### SCALE: NONE

#### DRAWING SIZE:

D

#### PRE-CHECK (PC) DOCUMENT

Code : 2022 CBC

A separate project application  
for construction is required.

Eng. By : HH 12/01/22

Design By : OS 12/01/22

Approved By : MB 12/01/22

#### DRAWING DESCRIPTION:

#### SPECIFICATIONS

#### DWG.

DSA2022030-22

#### SHEET

11.2-2000

#### REV.

NC