

WUSD STONEGATE ES

ESSR III

2500 LA JOLLA STREET

WEST SACRAMENTO, CA 95691

WASHINGTON UNIFIED SCHOOL DISTRICT

DSA File No. 57-31
App. No. 02-122274
PTN. 72694-125

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 CCR
- 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 1120B.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 4-317(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: 046-481-007

THE PROJECT INCLUDES NEW DRINKING FOUNTAINS, NEW FABRIC AND METAL 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)

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. 02-122274

File No. 57-31

- [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
[X] has/have been coordinated with the project plans and specifications

Signature

03/14/2024

Date

Architect or Engineer designated to be in general responsible charge.

Brian P. Whitmore

Print Name

C 30345

License Number

09-30-2025

Expiration Date

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

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A10.10.1	SPECIALTIES		
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LS1.1	GENERAL INFO		
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4.2-2000	SPECIFICATIONS		
TOTAL SHEET COUNT: 35			

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PC SHADE STRUCTURE

USA SHADE

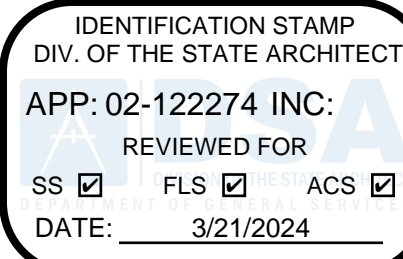
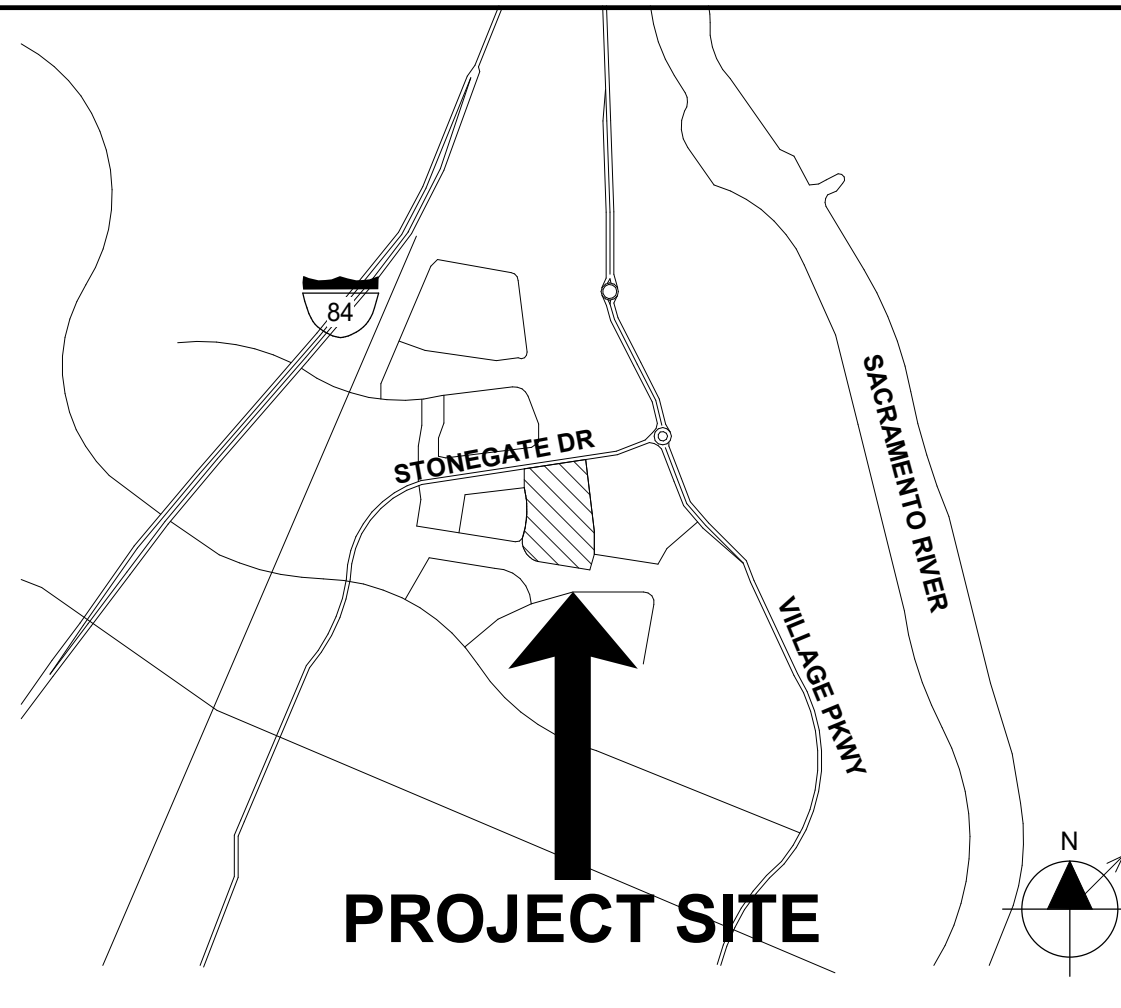
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PC SHADE STRUCTURE

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VICINITY MAP



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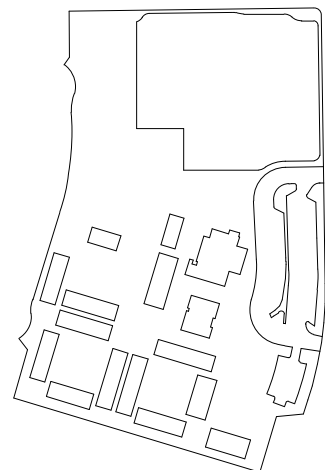
ARCHITECT	ENGINEER

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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
WEST SACRAMENTO, CA 95691

PROJECT STATUS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

COVER SHEET

Date
03/14/2024

Project Number
22044

Application Number
02-122274

Drawing Number
A0.1

Drawn
Author

Checked
Checker

[illegible]

DS&A STAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 02-122274 INC:

A

REVIEWED FOR:

SS ☒ FLS ☒ ACS ☒

DATE: 3/21/2024

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ARCHITECT	ENGINEER
<div><div>LICENSED ARCHITECT BRIAN P. WHITMORE No. C-36345 Ren. 3/30/25 STATE OF CALIFORNIA</div><div></div></div>	
DATE SIGNED: 10/14/2024	

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	NO.	REMARKS	DATE
REVISION HISTORY			

DATE

☐ DSA PLAN CHECK

☐ DSA BACK CHECK

☐ BIDDING

☐ CONSTRUCTION

KEY PLAN

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

PROJECT STATUS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

GENERAL NOTES

Date 03/14/2024	Project Number 22044
Application Number 02-122274	Drawing Number
Drawn Author	Checked Checker


A0.2

ARCHITECTURAL DRAWING ABBREVIATIONS

#	POUND OR NUMBER	DG	DECOMPOSED GRANITE
&	AND	DH	DOUBLE HUNG
.	ITEMS IDENTIFIED AS "NIC" ARE NOT PART OF THIS DSA APPROVAL	DIA	DIAMETER
2X	NOMINAL LUMBER SIZE (4X, 6X, 8X, ETC.)	DIAG	DIAGONAL
@	PERPENDICULAR	DIFF	DIFFUSER
		DIM	DIMENSION
A		DISP	DISPENSER
A/C	AIR CONDITIONING	DIV	DIVISION
A/E	ARCHITECT/ENGINEER	DMPF	DAMP/PROOFING
AB	ANCHOR BOLT	DMT	DEMOUNTABLE
ABAN	ABANDON	DN	DOWN
ABC	AGGREGATE BASE COURSE	DR	DOOR
ABV	ABOVE	DRB	DRAINBOARD
AC	ASPHALTIC CONCRETE	DRLV	DOOR LOUVER
ACC	ACCESSIBLE	DS	DOWNSPOUT
ACP	ALUMINUM COMPOSITE PANEL	DSP	DRY STANDPIPE
ACST	ACOUSTICAL	DT	DRAIN TILE
ACT	ACOUSTICAL CEILING TILE	DVTL	DOVETAIL
AD	AREA DRAIN	DW	DISHWASHER
ADDM	ADDENDUM	DWG	DRAWING
ADH	ADHESIVE	DWL	DOWEL
ADJ	ADJUSTABLE	DWR	DRAWER
ADJC	ADJACENT		
AFF	ABOVE FINISH FLOOR	E	EXISTING
AFG	ABOVE FINISHED GRADE	(E)	EXISTING
AGGR	AGGREGATE	E	EAST
AHU	AIR HANDLING UNIT	EA	EACH
ALS	ASSISTED LISTENING SYSTEM	EAR	EXHAUST AIR REGISTER
ALT	ALTERNATE	EB	EXPANSION BOLT
ALUM./AL.	ALUMINUM	EE	EACH END
ANC	ANCHOR, ANCHORAGE	EF	EACH FACE
APLD	APPLIED	EFS	EXTERIOR FINISH SYSTEM
APPRX	APPROXIMATELY	EHD	ELECTRIC HAND DRYER
ARCH	ARCHITECT(URAL)	EHS	EXTERIOR INSULATION AND FINISH SYSTEM
ASC	ABOVE SUSPENDED CEILING	EJ	EXPANSION JOINT
ASF	ABOVE STAGE FINISH	EL	ELEVATION
ASPH	ASPHALT	ELAST	ELASTOMERIC
ASSY	ASSEMBLY	ELEC	ELECTRICAL
ASYM	ASYMMETRICAL	ELEV	ELEVATOR
AUTO	AUTOMATIC	EM	EXPANDED METAL
AV	AUDIO VISUAL	EMER	EMERGENCY
AWG	AMERICAN WIRE GAUGE	EN	EDGE NAILING
		ENCL	ENCLOSURE
		ENGR	ENGINEER
		ENTR	ENTRANCE
B		EP	ELECTRICAL PANELBOARD
B	BOLT	EQ	EQUAL
BC	BACK OF CURB	EQUIP	EQUIPMENT
BOARD		ESC	ESCUTCHEON
BTUM	BITUMINOUS	ESCL	ESCALATOR
BLDG	BUILDING	ESMT	EASEMENT
BLK	BLOCK	EW	EACH WAY
BLKG	BLOCKING	EWG	ELECTRIC WATER COOLER
BLW	BELOW	EWL	ELECTRIC WATER HEATER
BLW CLG	BELOW CEILING	EWS	EYE WASH STATION
BLW FFLR	BELOW FINISH FLOOR	EXC	EXCAVATE
BM	BENCH MARK	EXH	EXHAUST
BN	BOUNDARY NAILING	EXP	EXPOSED
BO	BOTTOM OF	EXPN	EXPANSION
BOT	BOTTOM	EXS	EXTRA STRONG
BRCG	BRACING	EXT	EXTERIOR
BRDG	BRIDGING		
BRG	BEARING	F	FUTURE
BRK	BRICK	(F)	FUTURE
BRKT	BRACKET	F/F	FACE TO FACE
BRS	BRASS	FA	FIRE ALARM
BRZ	BRONZE	FAB	FABRIC
BS	BOTH SIDES	FBD	FIBERBOARD
BSMT	BASEMENT	FBRK	FIRE BRICK
BTWN	BETWEEN	FCBRK	FACE BRICK
BUR	BUILT UP ROOFING	FD	FLOOR DRAIN
BW	BOTH WAYS	FDN	FOUNDATION
		FE	FIRE EXTINGUISHER
C		FEC	FIRE EXTINGUISHER CABINET
C&G	CURB AND GUTTER	FF	FINISH FLOOR
CAB	CABINET	FFA	FROM FLOOR ABOVE
CAD	CADMIUM	FB	FROM FLOOR BELOW
CB	CATCH BASIN	FFEL	FINISHED FLOOR ELEVATION
CBB	CEMENTITIOUS BACKER BOARD	FFL	FINISHED FLOOR LINE
CBG	CALIFORNIA BUILDING CODE	FGL	FIBERGLASS
CEM	CEMENT	FHC	FIRE HOUSE CABINET
CER	CERAMIC	FHMB	FLAT HEAD MACHINE BOLT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	FHMS	FLAT HEAD MACHINE SCREW
CFLG	COUNTERFLASHING	FHWS	FLATHEAD WOOD SCREW
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED	FIN	FINISHED
CG	CORNER GUARD	CHALBGD	CHALKBOARD
CHBD	CHALKBOARD	CHFR	CHAMFER
CHFR	CHAMFER	CI	CAST IRON
CI	CAST IRON	CIP	CAST IN PLACE
CIP	CAST IN PLACE	CIR	CIRCLE
CIR	CIRCLE	CIRC	CIRCULAR, CIRCUMFERENCE
CIRC	CIRCULAR, CIRCUMFERENCE	CJ	CONSTRUCTION JOINT
CJ	CONSTRUCTION JOINT	CL	CHAIN LINK OR CENTER LINE
CL	CHAIN LINK OR CENTER LINE	CLG	CEILING
CLG	CEILING	CLJ	CONTROL JOINT
CLJK	CAULKING	CLKG	CLACKING
CLL	CONTRACT LIMIT LINE	CLL	CONTRACT LIMIT LINE
CLOS	CLOSURE	CLSR	CLEARANCE
CLR	CLEARANCE	CLRM	CLASSROOM
CLRM	CLASSROOM	CMP	CORRUGATED METAL PANEL
CMP	CORRUGATED METAL PANEL	CMPST	COMPOSITION
CMPST	COMPOSITION	CMU	CONCRETE MASONARY UNIT
CMU	CONCRETE MASONARY UNIT	CNCL	CONCEALED
CNCL	CONCEALED	CNR	CORNER
CNR	CORNER	CNTR	COUNTER
CNTR	COUNTER	COL	COLUMN
COL	COLUMN	COM	COMMON
COM	COMMON	COMB	COMBINATION
COMB	COMBINATION	COMP	COMPOSITE
COMP	COMPOSITE	COMP	COMPARTMENT
CONC	CONCRETE	CONC	CONCRETE
CONF	CONFERENCE	CONN	CONNECTION
CONN	CONNECTION	CONSTR	CONSTRUCTION
CONSTR	CONSTRUCTION	CONT	CONTINUOUS, CONTINUATION
CONT	CONTINUOUS, CONTINUATION	CONTR	CONTRACT(OR)
CONTR	CONTRACT(OR)	COORD	COORDINATE
COORD	COORDINATE	CORR	CORRIDOR
CORR	CORRIDOR	CPR	COPPER
CPR	COPPER	CPRS	COMPRESSED, (ION), (IBLE)
CPRS	COMPRESSED, (ION), (IBLE)	CPT	CARPET
CPT	CARPET	CRS	COLD ROLLED STEEL
CRS	COLD ROLLED STEEL	CS	CAST STONE
CS	CAST STONE	CSG	CASING
CSG	CASING	CSK	COUNTERSUNK
CSK	COUNTERSUNK	CSMT	CASEMENT
CSMT	CASEMENT	CSWK	CASEWORK
CSWK	CASEWORK	CT	CERAMIC TILE
CT	CERAMIC TILE	CTB	CERAMIC TILE BASE
CTB	CERAMIC TILE BASE	CTF	CERAMIC TILE FLOOR
CTF	CERAMIC TILE FLOOR	CTG	COATING
CTG	COATING	CTR	CENTER
CTR	CENTER	CURT	CURB FOOT
CURT	CURB FOOT	QUIN	CUBIC INCH
QUIN	CUBIC INCH	CUST	CUSTODIAN
CUST	CUSTODIAN	CUYD	CUBIC YARD
CUYD	CUBIC YARD	CW	CURTAIN WALL
CW	CURTAIN WALL		
D		H	HOSE BIB
D	DRAIN	HC	HOLLOW CORE
d	PENNYWEIGHT (NAILS)	HD	HEAVY DUTY
DA	DOUBLE ACTING	HDAS	HEADED ANCHOR STUD
DBL	DOUBLE	HDT	HEAD JOINT
DEG	DEGREES	HDR	HEADER
DEMO	DEMOLISH, DEMOLITION	HDW	HARDWARE
DEP	DEPRESSED	HOWD	HARDWOOD
DEPT	DEPARTMENT	HEX	HEXAGONAL
DET	DETAIL	HGR	HANGER
DF	DRINKING FOUNTAIN	HLDN	HOLD DOWN
		HM	HOLLOW METAL

HMD	HOLLOW METAL DOOR	PE	PEDESTAL
HMF	HOLLOW METAL FRAME	PERF	PERFORATED
HMF	HOLLOW METAL FRAME	PERIM	PERIMETER
HNDRL	HANDRAIL	PERP	PERPENDICULAR
HORISDR	HORIZONTAL	PSBD	STANDARD
HPT	HIGH POINT	PH	PHASE
HR	HOUR	PHS	PHILLIPS HEAD SCREW
HT	HEIGHT	PIV	POINT OF INTERSECTION
HTG	HEATING	PL	POST INDICATOR VALVE
HVAC	HEATING, VENTILATING, AIR CONDITIONING	PLAM	PLATE, PROPERTY LINE
HW	HOT WATER HEATER	PLAS	PLASTER
		PLYWD	PLYWOOD
I	INSIDE DIAMETER	PM	PRESSED METAL
IN	INCH	PM	PRESSED METAL FRAME
INCL	INCLUDE(D), (ING)	PNEU	PNEUMATIC
INFO	INFORMATION	PNL	PANEL
INSTL	INSTALL	PNT	PAINT(ED)
INSUL	INSULATED, (ION)	POL	POLISHED
INT	INTERIOR	POLY	POLYETHYLENE
INV	INVERT	PORC	PORCELAIN
IPS	IRON PIPE SIZE	PORT	PORTABLE
ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY	PR	PAIR
		PRECAST	PRECAST
J		PREFAB	PREFABRICATED
JAN	JANITOR	PREFIN	PREFINISHED
JST	JOIST	PREFMD	PREFORMED
JT	JOINT	PRKG	PARKING
		PRML	PREFORMED
K		PROJ	PROJECT
KIT	KITCHEN	PROP	PROPERTY
KO	KNOCKOUT	PSCONC	PRESSRESSED CONCRETE
KPL	KICKPLATE	PT	POINT
		PTD	PAPER TOWEL DISPENSER
L		PTDF	PRESSURE TREATED DOUGLAS FIR
LAB	LABORATORY	PTN	PARTITION
LAD	LADDER	PTR	PAPER TOWEL RECEPTACLE
LAM	LAMINATE	PVC	POLYVINYL CHLORIDE
LAV	LAVATORY	PVEI	PAVE(D), (ING)
LB(S)	POUND(S)	PVG	PAVE(D), (ING)
LBL	LABEL	PVMT	PAVEMENT
LBR	LUMBER		
LDR	LEADER	Q	QUARRY TILE
LF	LINEAL FOOT	QT	QUARRY TILE BASE
LG	LENGTH, LONG	QTF	QUARRY TILE FLOOR
LH	LEFT HAND	QTR	QUARTER
LHR	LEFT HAND REVERSE	QTY	QUANTITY
LKNUT	LOCKNUT		
LKR	LOOKER	R	RISER
LKWASH	LOOKWASHER	RA	RETURN AIR
LLH	LONG LEG HORIZONTAL	RAB	RABBIT
LLV	LONG LEG VERTICAL	RAD	RADIUS
LMST	LANDSCAPE	RB	RESILIENT BASE
LNSCP	LANDSCAPE(D)	RBR	RUBBER
LNTL	LINTEL	RCP	REINFORCED CONCRETE PIPE
LP	LIGHTPROOF	RCVR	RECEIVER
LPT	LOW POINT	RD	ROAD DRAIN
LT	LIGHT	RDWY	ROADWAY
LTWTV	LIGHTWEIGHT	REBAR	REINFORCING STEEL BARS
LV	LOUVER VENT	REC	RECESSED
LVL	LEVEL(ER)	RECT	RECTANGULAR
LWC	LIGHTWEIGHT CONCRETE	RECYL	RECYCLING
LWIC	LIGHTWEIGHT INSULATING CONCRETE	REF	REFERENCE
		REFL	REFLECT(ED), (IVE), (OR)
M		REFR	REFRIGERATOR
MAINT	MAINTAINANCE	REG	REGISTER
MAS	MASONRY	REIN	REINFORCED
MATL	MATERIAL	REIN	REINFORCED
MAX	MAXIMUM	REIN	REINFORCED
MB	MACHINE BOLT	REIN	REINFORCED
MBR	MEMBER	REPL	REPLACE
MC	MEDICINE CABINET	REQD	REQUIRED
MCB	METAL CORNER BEAD	RESIL	RESILIENT
MDO	MEDIUM DENSITY OVERLAD	RET	RETURN
MECH	MECHANICAL	REV	REVISION(S), REVISED
MED	MEDIUM	RF	RESILIENT FLOORING
MEMB	MEMBRANE	RFG	ROOF FUR
MEZZ	MEZZANINE	RFH	ROOF HATCH
MFD	METAL FLOOR DECKING	RGDINS	RIGID INSULATION
MFR	MANUFACTURER	RH	RIGHT HAND
MH	MANHOLE	RHMS	ROUND HEAD MACHINE SCREW
MH	MANHOLE	RHR	RIGHT HAND REVERSE
MIR	MIRROR	RHWS	ROUND HEAD WOOD SCREW
MISC	MISCELLANEOUS	RL	ROOF LEADER
ML	METAL LATH	RLG	RAILING
MLDG	MOLDING	RM	ROOM
MLWK	MILLWORK	RND	ROUND
MO	MASONRY OPENING	RO	ROUGH OPENING
MOD	MODULE(AR)	ROW	RIGHT OF WAY
MR	MOISTURE RESISTANT	RR	RESTROOM
MRB	MARBLE	RS	ROUGH SAWN
MRD	METAL ROOF DECKING	RTF	RUBBER TILE FLOORING
MS	MACHINE SCREW	RTU	ROOF TOP UNIT
MTD	MOUNTED	RV	ROOF VENT
MTL	METAL	RVL	REVEAL
MTR	MORTAR	RVS	REVERSE (SIDE)
MULL	MULLION	RVT	RIVET(ED)
		RWD	REDWOOD
N		RWL	RAIN WATER LEADER
N	NEW		
N	NORTH	S	SOUTH
NAT	NATURAL	S2S	SURFACED TWO SIDES
NCOMBL	NONCOMBUSTIBLE	S4S	SURFACED FOUR SIDES
NE	NOT EXCEEDING	SA	SURPLY AIR
NF	NEAR FACE	SALV	SALVAGE
NIC	NOT IN CONTRACT	SAM	SELF-ADHERED MEMBRANE
NLB	NON-LOAD BEARING	SAT	SUSPENDED ACOUSTICAL TILE
NM	NONMETALLIC	SB	SPLASH BLOCK
NO	NUMBER	SBSTR	SUBSTRATE
NOM	NOMINAL	SC	SOLID CORE
NR	NOISE REDUCTION	SCD	SEAT COVER DISPENSER
NRC	NOISE REDUCTION COEFFICIENT	SCHED	SCHEDULE
NRCA	NATIONAL ROOFING CONTRACTOR'S ASSOCIATION	SCP	SCUPPER
NS	NEAR SIDE	SCRN	SCREEN
NTS	NOT TO SCALE	SD	STORM DRAIN
		SDBL	SANDBLAST
O		SEC	SECONDS
O	OVER	SECT	SECTION
O/O	OUT TO OUT	SEP	SEPERATE OR SEPERATION
OA	OVERALL	SF	SQUARE FEET, STOREFRONT
OBS	OBSCURE	SGL	SINGLE
OC	ON CENTER	SHR	SHOWER
OD	OCCUPANTS OR OCCUPANCY	SHT	SHEET(ING)
OCC	OCCUPANTS OR OCCUPANCY	SHTG	SHEATHING
OFCC	OWNER FURNISHED CONTRACTOR INSTALLED	SHV	SHELVES(ING)
OFF	OFFICE	SIM	SIMILAR
OFOI	OWNER FURNISHED OWNER INSTALLED	SK	SINK
OFS	OUTSIDE FACE OF STUD	SKLT	SKYLIGHT
OHMS	OHMHEAD MACHINE SCREW	SLD	SEALED
OHWS	OWNER HEAD WOOD SCREW	SLDG	SLIDE(ING)
OI	OWNER INSTALLED	SLDR	SOLDER
OPH	OPPOSITE HAND	SLNT	SEALANT
OPNG	OPENING	SLV	SLEEVE
OPP	OPPOSITE	SM	SHEET METAL
OPQ	OPAQUE	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION
OPR	OPERABLE	SMLS	SEAMLESS
ORD	OVERFLOW ROOF DRAIN	SMS	SHEET METAL SCREW
OSB	ORIENTED STRAND BOARD	SND	SANITARY NAPKIN DISPENSER
OVFL	OVERFLOW	SNDINS	SOUND INSULATION
OVHD	OVERHEAD	SNDU	SANITARY NAPKIN DISPOSAL UNIT
		SNT	SEALANT
P		SP	SPACES
P	PAINT	SPC	SUSPENDED PLASTER CEILING
PA	PUBLIC ADDRESS	SPD	SOAP DISPENSER
PAR	PARALLEL	SPEC	SPECIFICATION(S)
PAT	PATTERN	SPT	SUPPORT
PB	PANIC BAR	SQ	SQUARE
PBD	PARTICLE BOARD	SS	STAINLESS STEEL
PCC	PORTLAND CEMENT	SSK	SERVICE SINK
PC	PRECAST CONCRETE		
PCP	PORTLAND CEMENT PLASTER		

PE	PEDESTAL
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PSBD	PEGBOARD
PH	PHASE
PHS	PHILLIPS HEAD SCREW
PI	POINT OF INTERSECTION
PV	POST INDICATOR VALVE
PL	PLATE, PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLYWD	PLYWOOD
PM	PRESSED METAL
PMF	PRESSED METAL FRAME
PNEU	PNEUMATIC
PNL	PANEL
PNT	PAINT(ED)
POL	POLISHED
POLY	POLYETHYLENE
PORC	PORCELAIN
PORT	PORTABLE
PR	PAIR
PRCST	PRECAST
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PREFMD	PREFORMED
PRKG	PARKING
PRML	PREMOLDED
PROJ	PROJECT
PROP	PROPERTY
PSCONC	PRESSRESSED CONCRETE
PT	POINT
PTD	PAPER TOWEL DISPENSER
PTDF	PRESSURE TREATED DOUGLAS FIR
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
PVC	POLYVINYL CHLORIDE
PVG	PAVE(D), (ING)
PVMT	PAVEMENT
Q	
QT	QUARRY TILE
QTB	QUARRY TILE BASE
QTF	QUARRY TILE FLOOR
QTR	QUARTER
QTY	QUANTITY
R	
R	RISER
RA	RETURN AIR
RAB	RABBIT
RAD	RADIUS
RB	RESILIENT BASE
RBR	RUBBER
RCP	REINFORCED CONCRETE PIPE
RCVR	RECEIVER
RD	ROAD DRAIN
RDWY	ROADWAY
REBAR	REINFORCING STEEL BARS
REC	RECESSED
RECT	RECTANGULAR
RECYL	RECYCLING
REF	REFERENCE
REFL	REFLECT(ED), (IVE), (OR)
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED
REM	REMOVE(ABLE)
REP	REPAIR
REPL	REPLACE
REQD	REQUIRED
RESIL	RESILIENT
RET	RETURN
REV	REVISION(S), REVISED
RF	RESILIENT FLOORING
RFG	ROOFING
RFH	ROOF HATCH
RGDIS	RIGID INSULATION
RH	RIGHT HAND
RHMS	ROUND HEAD MACHINE SCREW
RHR	RIGHT HAND REVERSE
RHWS	ROUND HEAD WOOD SCREW
RL	ROOF LEADER
RLG	RAILING
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RR	RESTROOM
RS	ROUGH SAWIN
RTF	RUBBER TILE FLOORING
RTU	ROOF TUP UNIT
RV	ROOF VENT
RVL	REVEAL
RVS	REVERSE (SIDE)
RVT	RIVET(ED)
RWD	REDWOOD
RWL	RAIN WATER LEADER
S	
S	SOUTH
S2S	SURFACED TWO SIDES
S4S	SURFACED FOUR SIDES
SA	SUPPLY AIR
SALV	SALVAGE
SAM	SELF-ADHERED MEMBRANE
SAT	SUSPENDED ACOUSTICAL TILE
SB	SPLASH BLOCK
SBSTR	SUBSTRATE
SCD	SOLID CORE
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SCHED	SCHEDULE
SCP	SCUPPER
SCRN	SCREEN
SD	STORM DRAIN
SDBL	SANDBLAST
SEC	SECONDS
SECT	SECTION
SEP	SEPERATE OR SEPERATION
SF	SQUARE FEET, STOREFRONT
SGL	SINGLE
SHR	SHOWER
SHT	SHEET(ING)
SHTG	SHEATHING
SHV	SHELVES(ING)
SIM	SIMILAR
SK	SINK
SKLT	SKYLIGHT
SLD	SEALED
SLDG	SLIDE(ING)
SLDR	SOLDER
SLNT	SEALANT
SLV	SLEEVE
SM	SHEET METAL
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION
SMLS	SEAMLESS
SMS	SHEET METAL SCREW
SND	SANITARY NAPKIN DISPENSER
SNDINS	SOUND INSULATION
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SNT	SEALANT
SP	SPACES
SPC	SUSPENDED PLASTER CEILING
SPD	SOAP DISPENSER
SPEC	SPECIFICATION(S)
SPRT	SUPPORT
SQ	SQUARE
SS	STAINLESS STEEL
SSK	SERVICE SINK



FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

810

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new buildings), additions to existing buildings, and for any design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgment by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and included onto the fire access site plan. When an alternate design/disposition is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION

School District/Owner: Washington Unified School District

Project Name/School: Stonington Elementary School

Project Address: 2600 La Jolla Street, West Sacramento, CA 95601

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? ☐ Yes ☐ No ☐ N/A
 If yes, provide a copy of the test data.

2. Was the fire hydrant water flow test performed as part of this LFA review? ☐ Yes ☐ No ☐ N/A

3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal Fire (if yes, indicate FHSZ classification below): ☐ Moderate ☐ High ☐ Very High ☐ WFA ☐

Refer to the following website for FHSZ locations: <http://www.firehazard.org/>

Wildfire Infiltration Areas (WIFA) (if any designations are checked, project design must meet the requirements of CBC Chapter 7A.) ☐ WFA ☐

CONDITION MEANS AND METHODS RESOLUTION

4. Emergency vehicle access roadsways do not meet CFC requirements. ☐ Yes ☐ No ☐ N/A ☒ N/A

5. **Acceptable Alternative:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property. ☒

6. **Fire Hydrants:** Number and spacing does not meet CFC requirements. ☒

7a. **Acceptable Alternative:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for suppression and protection of life and property. ☒

8. **Fire Hydrants:** Water flow and pressure are less than CFC minimum. ☒

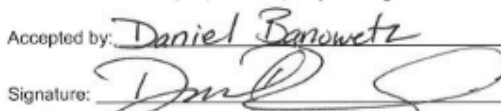
9. **Acceptable Alternative:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property. ☒

7b. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements. ☒

7c. **Acceptable Alternative:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing the suppression and protection of life and property. ☒

School District Acceptance of Acceptable Design Alternatives

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 on items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Daniel Bergante Title: Director of Facilities
 Signature:  Date: 3/24/2024


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

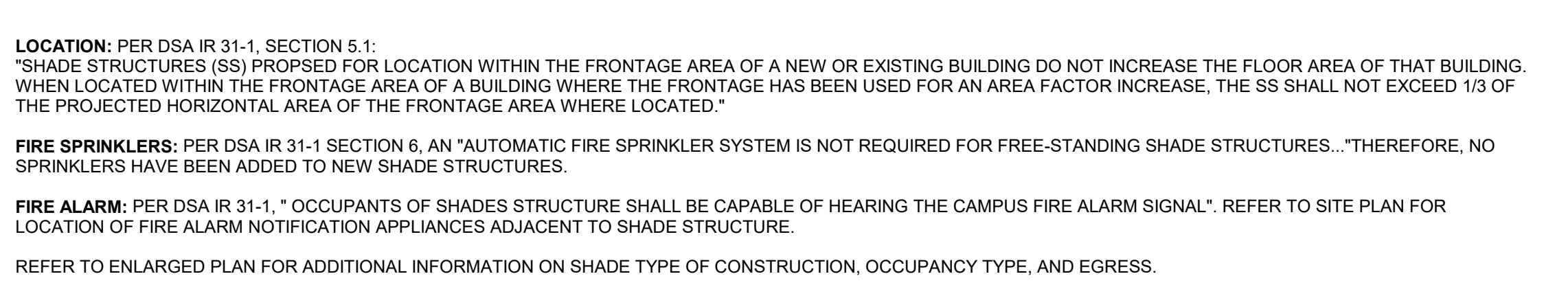
LFA Reviewer's Signature:  Duly signed to three parties: West Sacramento Fire Department Date: 2024-03-28 15:28:2707 Date: 03/29/24

DOCS DSA 810 (revised 12/20/20) DIVISION OF THE STATE ARCHITECT



Page 1 of 4 STATE OF CALIFORNIA

DOCS DSA 810 (revised 12/20/20) DIVISION OF THE STATE ARCHITECT

Page 2 of 4 STATE OF CALIFORNIA




The image shows a section of a building facade with a large, stylized 'W' logo. The logo is composed of two dark gray, chevron-like shapes pointing towards each other. Below the logo, the text 'STUDIO W' is written in a large, bold, sans-serif font, and 'ARCHITECTS' is written below it in a smaller, all-caps, sans-serif font. The background is a light gray with a subtle grid pattern. In the top right corner, there is a circular stamp with a black border. The stamp contains the following text: 'IDENTIFICATION STAMP' at the top, 'DIV. OF THE STATE ARCHITECT' below it, 'APP: 02-122274 INC.' in the middle, 'REVIEWED FOR' below that, and 'DATE: 3/21/2024' at the bottom. To the right of the date is a small blue circular stamp with the letters 'LA' inside. To the left of the date are three checkboxes: 'SS' with a checked box, 'FLS' with an unchecked box, and 'ACS' with a checked box.

ARCHITECT	ENGINEER
	
DATE SIGNED 03/14/2024	

GENERAL NOTES	1. This sheet is part of a set and is not to be used alone.
	2. 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.
	3. 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.
	4. Copyright Studio W Associates, Inc. 2023.

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

KEY PLAN



The key plan is a map of the city of Chicago, with the study area highlighted in a darker shade. The study area is located in the central part of the city, near the downtown area. The map shows the city's boundaries and major roads.

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

PROJECT STATUS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

CODE ANALYSIS SITE
PLAN

Date	Project Number
03/14/2024	22044
Application Number	Drawing Number
02-122274	
Drawn	Checked
Author	Checker

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
JU	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
	SEWER 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

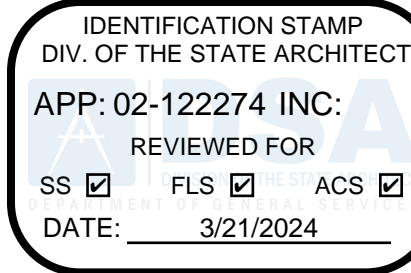
- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A 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, HORIZONTAL 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 OTHER GRADING ELEVATIONS 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 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%.



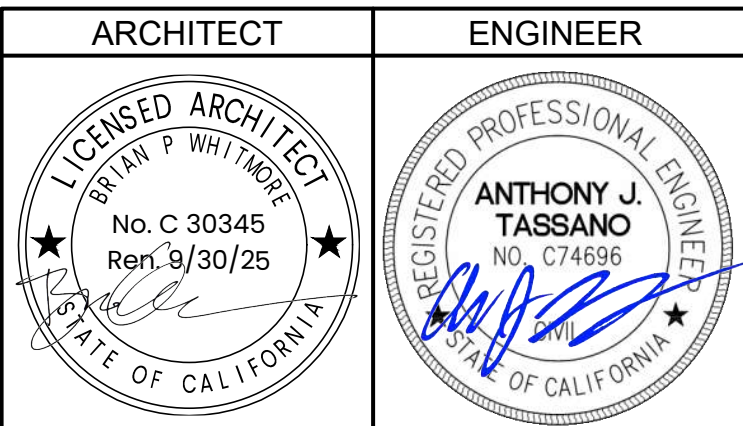
CIVIL SHEET INDEX

- C0.0 CIVIL GENERAL NOTES AND ABBREVIATIONS
- C0.1 TOPOGRAPHIC SURVEY
- C0.2 UTILITY SURVEY
- C1.1 DEMOLITION PLAN
- C1.2 DEMOLITION PLAN
- C1.3 DEMOLITION PLAN
- C2.1 GRADING PLAN
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- C3.3 UTILITY PLAN
- C4.1 PAVING AND STRIPING PLAN
- C4.2 PAVING AND STRIPING PLAN
- C4.3 PAVING AND STRIPING PLAN
- C5.1 DETAILS AND SECTIONS

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CIVIL GENERAL
NOTES AND
ABBREVIATIONS

Date

11/20/2023

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.

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Project Number

22044

Drawing Number

C0.0










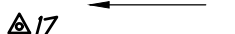
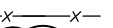

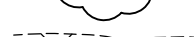

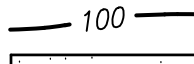
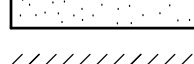
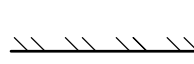




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	<input type="radio"/> CONSTRUCTION	

TOPOGRAPHIC SURVEY

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

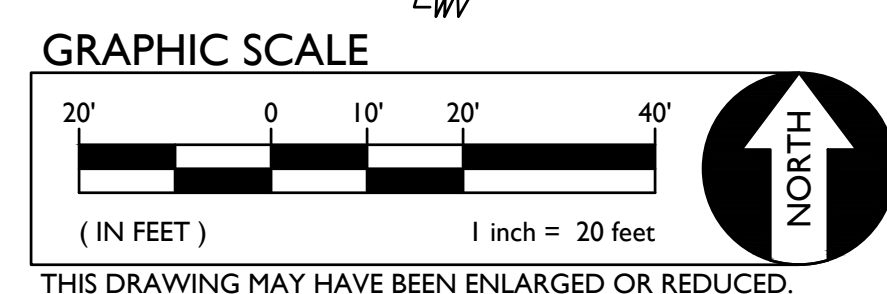
?? UNKNOWN
AC ASPHALTIC CONCRETE
ACC ACCESSIBLE
ACI AIR CONDITIONING UNIT
ADN ADOPTED
APN ASSESSOR'S PARCEL NUMBER
APR APRIL
BBALL BASKETBALL POLE
BCM BRASS CAP MONUMENT
BFC BURNED FLOW PREVENTER
BL BLOCK
BOL BOLLARD
BOV BLOW-OFF VALVE
BR BRICK
BWF BARBED WIRE FENCE
CB CABINETS
CB COMMUNICATIONS BOX
CIP CAPPED IRON PIPE
C.L.F. CHAIN LINK FENCE
C.M. CORRUGATED METAL PIPE
COL COLUMN
COL COLUMN
CONC. CONCRETE
COND. CONDENSATE
CPT CONTROL POINT FOUND
CPS CEMENT SURFACE
CS CONCRETE SURFACE

	= PROPERTY LINE
	= CENTERLINE
	= EASEMENT
	= PROPERTY CORNER FOUND
	= PROPERTY CORNER NOTHING
	= TEMPORARY BENCHMARK (SE)
	= 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

BASIS OF BEARINGS:
ASSUMED

F.E.M.A. INFORMATION:
THE SUBJECT PROPERTY IS LOCATED IN
"ZONE X (SHADED)"--THIS AREA PROTECTED
FROM THE ONE PERCENT ANNUAL CHANCE
(100 YR) FLOOD BY LEVEE, DIKE, OR OTHER
STRUCTURES SUBJECT TO POSSIBLE FAILURE
OR OVERTOPPING DURING LARGER FLOODS.
PER FLOOD INSURANCE RATE MAP
0607280010B DATED JANUARY 19, 1995.

NOTE:
EXISTING UTILITIES BASED ON
VISIBLE SURFACE STRUCTURES
AND RECORD INFORMATION.

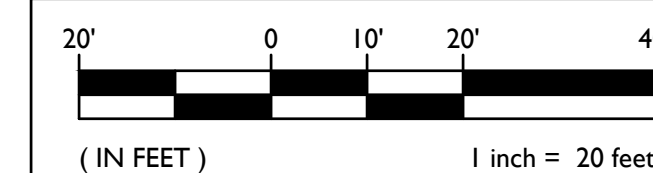




EXISTING UTILITIES

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

GRAPHIC SCALE



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ARCHITECT	ENGINEER
LICENCED ARCHITECT No. C 30345 Exp. 9/30/25 STATE OF CALIFORNIA	REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO No. C74696 Exp. 9/30/25 STATE OF CALIFORNIA

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NO.	REVISION	DATE

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UTILITY SURVEY

Date 11/20/2023	Project Number 22044
Application Number 	Drawing Number
Drawn AT	Checked AT

C0.2

MATCH LINE -
SEE SHEET C1.3

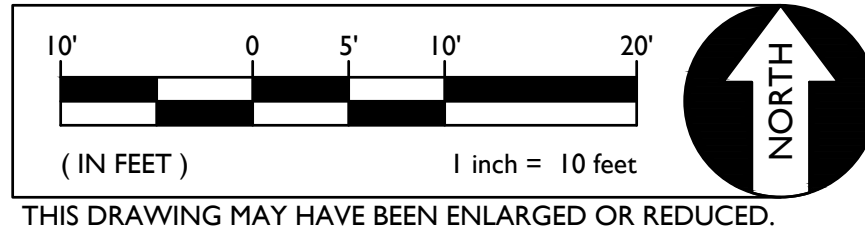
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DEMOLITION NOTES

- 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.
- SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
- 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 PRESERVED AND OPERATIONAL. INTEGRITY SHALL BE MAINTAINED WITH PROPER SPRINKLER COVERAGE TO TURF AREAS TO REMAIN.
- REMOVE AND SALVAGE EXISTING PARKING BUMPER FOR REINSTALLATION.
- CUT EXISTING POST FLUSH WITH EXISTING CONCRETE AND GROUT FILL POST HOLE. REMOVE AND SALVAGE EXISTING SIGNS.
- EXISTING LIGHT STANDARD TO REMAIN.
- EXISTING TREE TO REMAIN.
- REMOVE AND RELOCATE EXISTING IRRIGATION CONTROL VALVE OUTSIDE LIMITS OF NEW PAVING. PROVIDE NEW IRRIGATION BOX.
- HOT STEAM PRESSURE WASH EXISTING STRIPING OFF OF EXISTING CONCRETE PAVING.
- REMOVE AND DISPOSE OF EXISTING CONCRETE CURB TO EXTENT SHOWN.

GRAPHIC SCALE



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ARCHITECT	ENGINEER

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DEMOLITION PLAN

Date

11/20/2023

Application Number

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Drawn

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Project Number

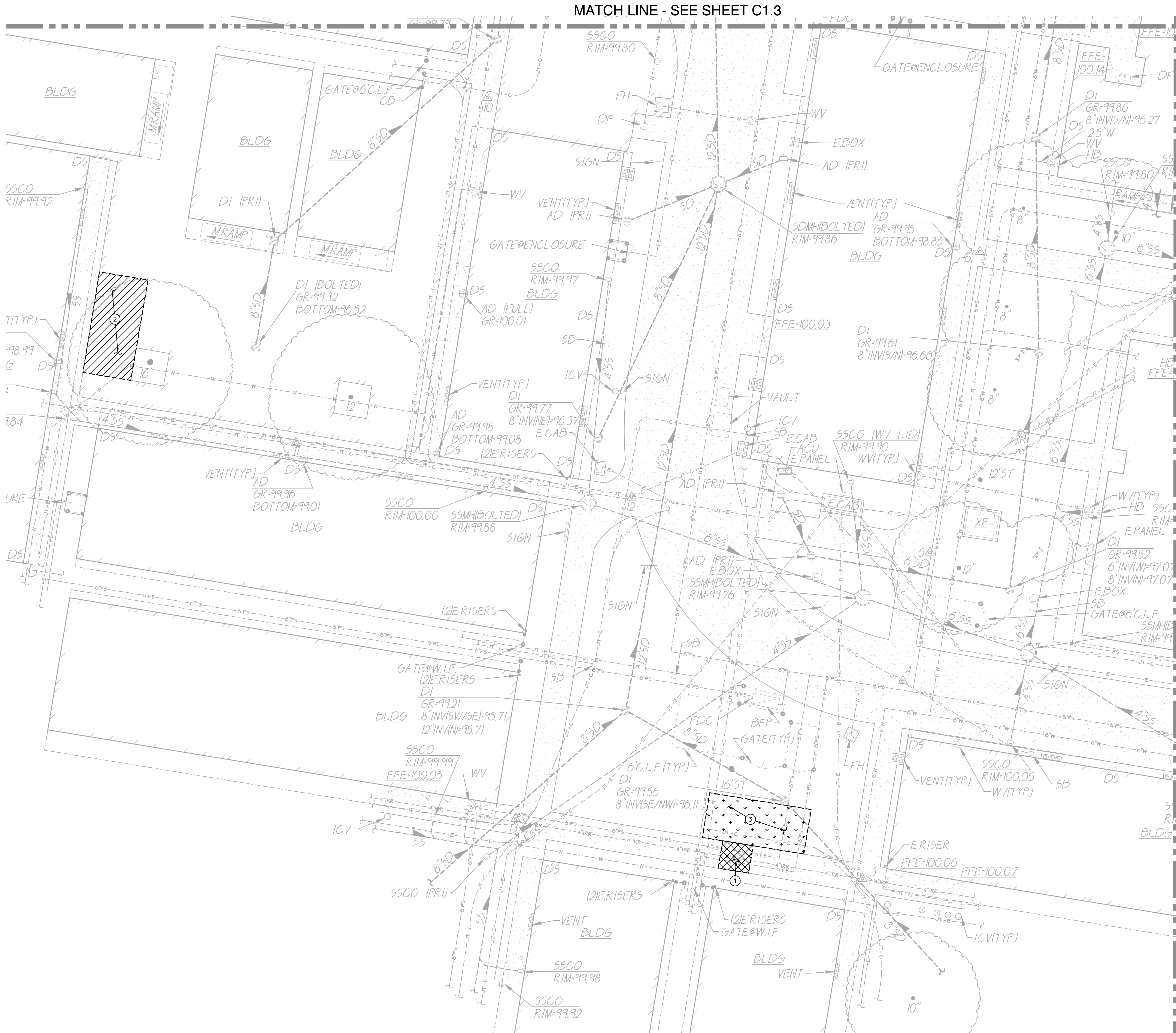
22044

Drawing Number

Checked

AT

C1.1

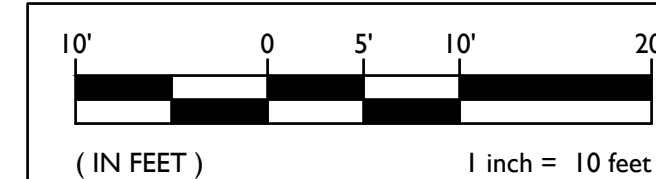


MATCH LINE - SEE SHEET C1.3

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MATCH LINE - SEE SHEET C1.1

GRAPHIC SCALE



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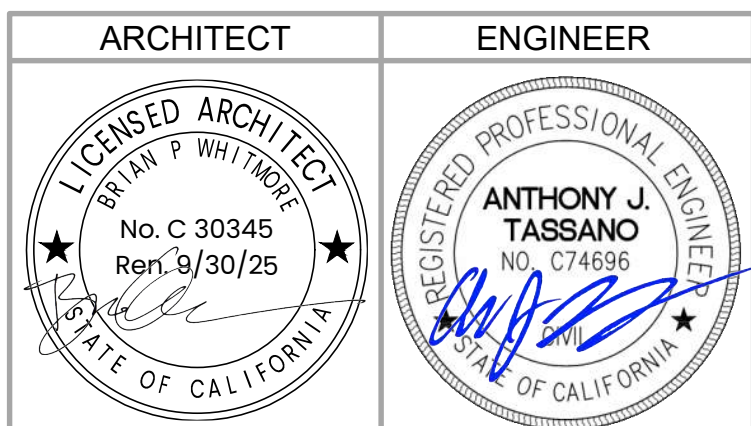
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DEMOLITION PLAN

Date 11/20/2023	Project Number 22044
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Drawn AT	Checked AT

C1.2

MATCH LINE -
SEE SHEET C2.3

MATCH LINE - SEE SHEET C2.2



SUBGRADE PREPARATION

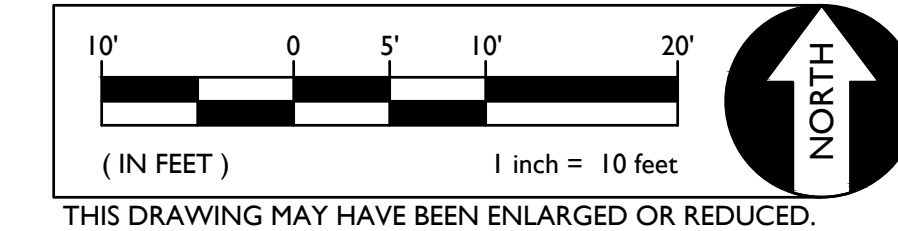
1. FOLLOWING SITE DEMOLITION ACTIVITIES:

EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES, MOISTURE CONTENT 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 NOTES

- MATCH EXISTING GRADE/ELEVATION.
- CONSTRUCT CONCRETE FLATWORK PER 1 CS.1
- CONSTRUCT CONCRETE CURB PER 2 CS.1
- CONSTRUCT ACCESSIBLE CURB RAMP PER 3 CS.1
- PLACE SOD 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. PROVIDE BARK/MULCH IN AREAS WHERE EXIST.

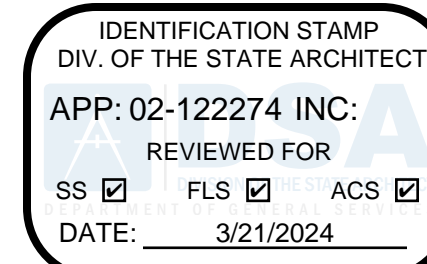
GRAPHIC SCALE



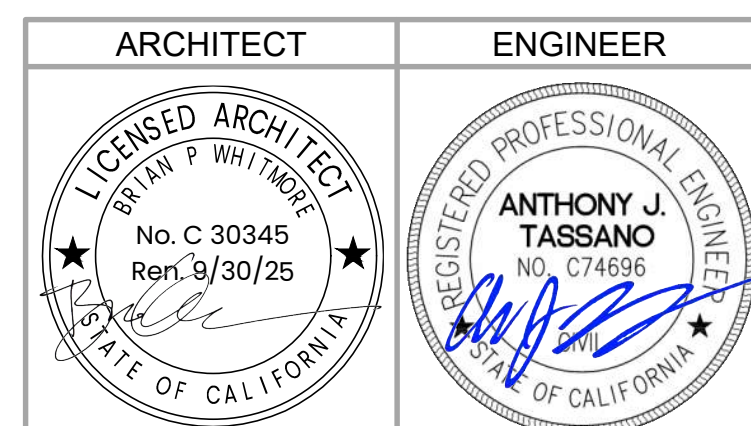
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DATE

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<input type="radio"/> BIDDING
<input type="radio"/> CONSTRUCTION

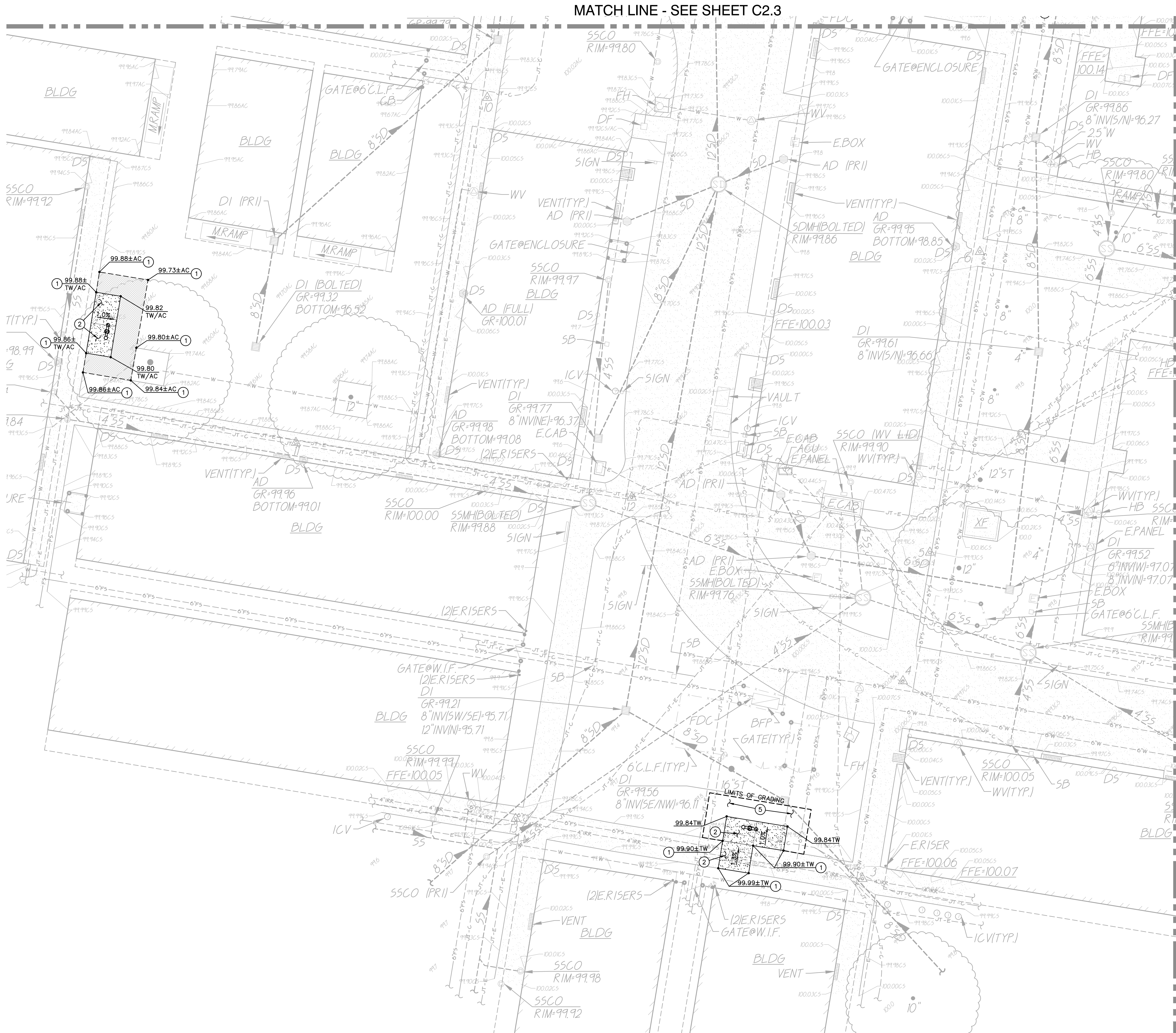
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GRADING PLAN

Date 11/20/2023	Project Number 22044
Application Number .	Drawing Number C2.1
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.

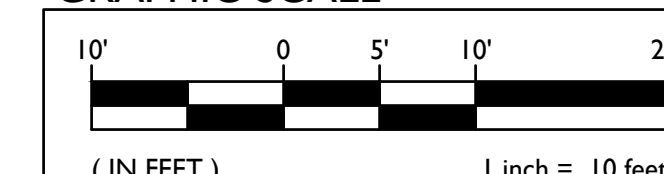
GRADING NOTES

1. MATCH EXISTING GRADE/ELEVATION.

2. CONSTRUCT CONCRETE FLATWORK PER

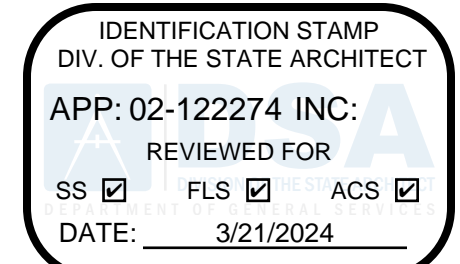
5. PLACE SOD IN ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES THAT ARE NOT TO RECEIVE PAVEMENT. PROVIDE NEW SPRINKLER HEADS AND PIPING AS REQUIRED TO ACHIEVE PROPER COVERAGE. PROVIDE BARK/MULCH IN AREAS WHERE EXIST.

GRAPHIC SCALE



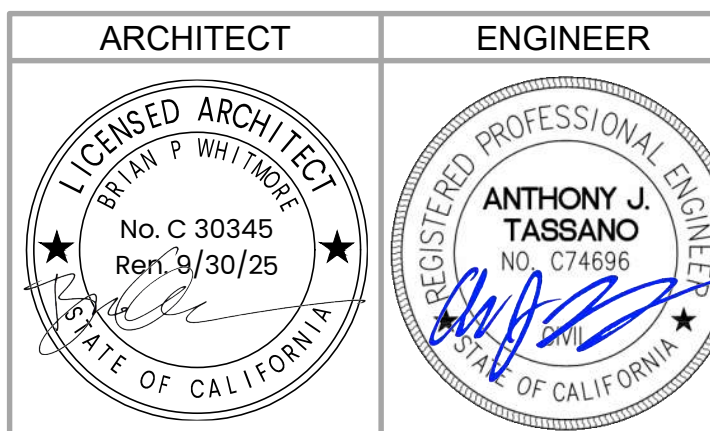
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GRADING PLAN

Date
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Application Number
22044
Drawing Number
C2.2

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SUBGRADE PREPARATION

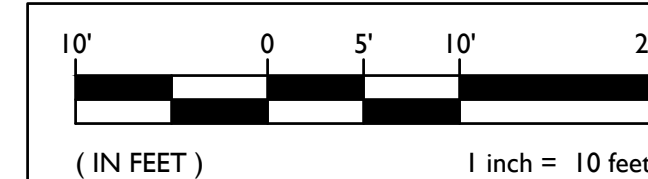
1. FOLLOWING SITE DEMOLITION ACTIVITIES:

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GRADING NOTES

- MATCH EXISTING GRADE/ELEVATION.
- CONSTRUCT CONCRETE FLATWORK PER 1 C5.1
- PLACE SOD 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. PROVIDE BARK/MULCH IN AREAS WHERE EXIST.
- CONSTRUCT 8" WIDE APPARATUS CURB PER 5 C5.1
- ADJUST EXISTING DROP INLET TO RIM ELEVATION SHOWN. PROVIDE SOLID COVER OR ADA COMPLIANT GRATE (1/2" MAX. SLOT OPENING).

GRAPHIC SCALE



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GRADING PLAN

Date	11/20/2023	Project Number	22044
Application Number		Drawing Number	
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C2.3

MATCH LINE -
SEE SHEET C3.3

MATCH LINE - SEE SHEET C3.2



GENERAL NOTE: TURF DAMAGED BY TRENCHING
ACTIVITIES SHALL BE REPLACED WITH SOD. IRRIGATION
DAMAGED BY TRENCHING ACTIVITIES SHALL BE
REPAIRED TO BE FULLY FUNCTIONAL.

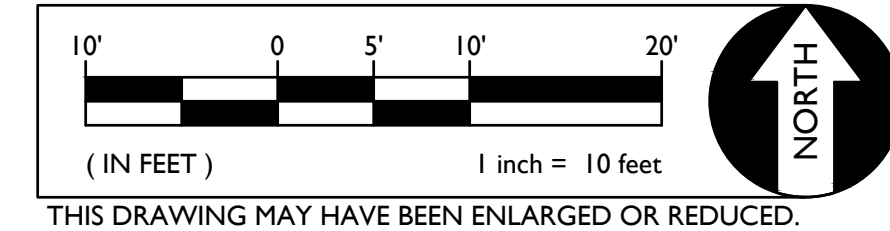
SEWER NOTES

- CONSTRUCT DRYWELL AT DRINKING FOUNTAIN
PER
- PLACE 2" SEWER FROM FOUNTAIN TO DRYWELL.
- CONNECT TO DRINKING FOUNTAIN SEWER SERVICE.
PROVIDE ALL FITTINGS NECESSARY TO MAKE
CONNECTION.

WATER NOTES

- PLACE 1" WATER, SCH 80 PVC PER
- PLACE BRONZE GATE VALVE AND VALVE
BOX. SIZE TO MATCH LINE SIZE.
- CONNECT TO DRINKING FOUNTAIN DOMESTIC WATER
SUPPLY. PROVIDE ALL FITTINGS NECESSARY TO MAKE
CONNECTION.
- CONNECT TO EXISTING DOMESTIC WATER LINE. FIELD
VERIFY EXACT DEPTH AND LOCATION PRIOR TO
TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO
MAKE CONNECTION.

GRAPHIC SCALE



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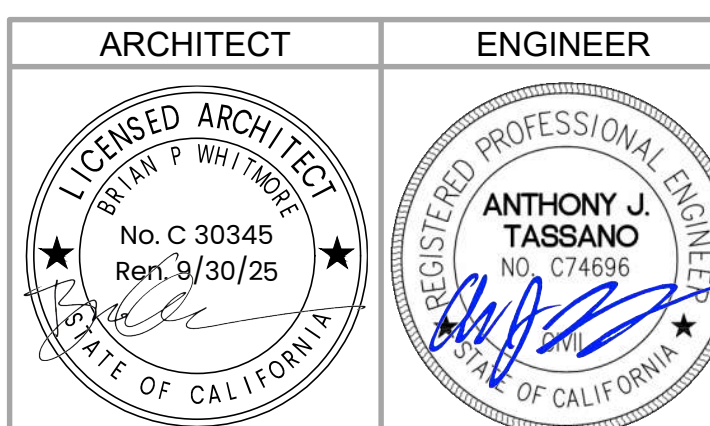
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<input type="radio"/> DSA BACK CHECK	
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UTILITY PLAN

Date
11/20/2023
Application Number
Project Number
22044
Drawing Number
C3.1

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AT
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	<input type="radio"/> BIDDING	
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UTILITY PLAN

Date	Project Number
11/20/2023	22044
Application Number	Drawing Number
-	
Drawn	Checked
AT	AT

C3.2

C3.2





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DAMAGED BY TRENCHING ACTIVITIES SHALL BE
REPAIRED TO BE FULLY FUNCTIONAL.

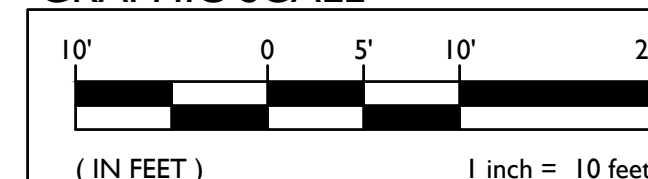
☐ SEWER NOTES

51. CONSTRUCT DRYWELL AT DRINKING FOUNTAIN PER
52. PLACE 2" SEWER FROM FOUNTAIN TO DRYWELL.
53. CONNECT TO DRINKING FOUNTAIN SEWER SERVICE. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

○ WATER NOTES

61. PLACE 1" WATER, SCH 80 PVC PER 
62. PLACE BRONZE GATE VALVE AND VALVE BOX. SIZE TO MATCH LINE SIZE. 
63. CONNECT TO DRINKING FOUNTAIN DOMESTIC WATER SUPPLY. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
64. ~~CONNECT TO EXISTING DOMESTIC WATER LINE. FIELD VERIFY EXA DEPTH AND LOCATION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.~~

GRAPHIC SCALE



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GENERAL NOTE: TURF DAMAGED BY TRENCHING ACTIVITIES SHALL BE REPLACED WITH SOD. IRRIGATION DAMAGED BY TRENCHING ACTIVITIES SHALL BE REPAIRED TO BE FULLY FUNCTIONAL.

○ DRAINAGE NOTES

31. CONSTRUCT DROP INLET PER $\frac{6}{C5.1}$
32. PLACE 8" STORM DRAIN PER $\frac{7}{C5.1}$
33. CONNECT TO EXISTING STORM DRAIN. FIELD VERIFY EXACT DEPTH AND LOCATION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

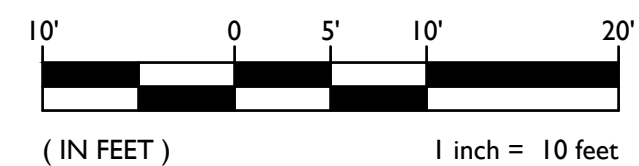
○ SEWER NOTES

51. CONSTRUCT DRYWELL AT DRINKING FOUNTAIN PER $\frac{8}{C5.1}$
52. PLACE 2" SEWER FROM FOUNTAIN TO DRYWELL.
53. CONNECT TO DRINKING FOUNTAIN SEWER SERVICE. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

○ WATER NOTES

61. PLACE 1" WATER, SCH 80 PVC PER $\frac{9}{C5.1}$
62. PLACE BRONZE GATE VALVE AND VALVE BOX. SIZE TO MATCH LINE SIZE. $\frac{10}{C5.1}$
63. CONNECT TO DRINKING FOUNTAIN DOMESTIC WATER SUPPLY. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
64. CONNECT TO EXISTING DOMESTIC WATER LINE. FIELD VERIFY EXACT DEPTH AND LOCATION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

GRAPHIC SCALE



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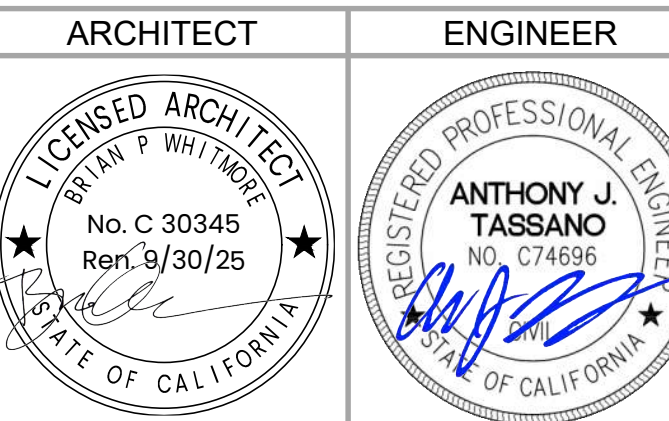
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UTILITY PLAN

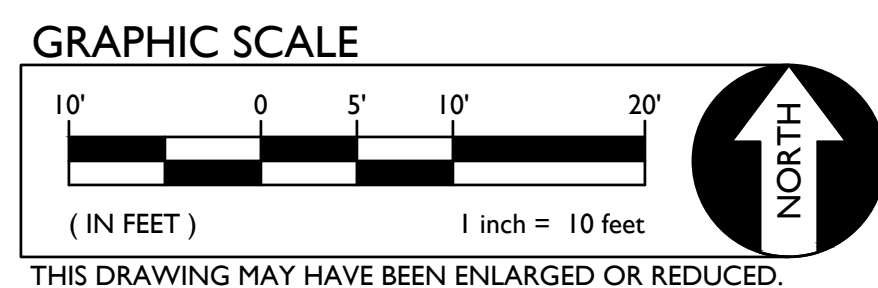
Date
11/20/2023
Application Number

Project Number
22044
Drawing Number

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Checked
AT

C3.3

MATCH LINE - SEE SHEET C4.2



1. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE.
2. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
3. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB.
4. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, AND COMPACTION SHALL BE PERFORMED AFTER;
5. POT HOLDING ALL EXISTING UTILITIES.
6. THE INSTALLATION OF ALL EXISTING UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
7. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE RESTORED.
8. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
9. ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. REPLACE PER PLAN.

① **TYPE 1 PAVING**

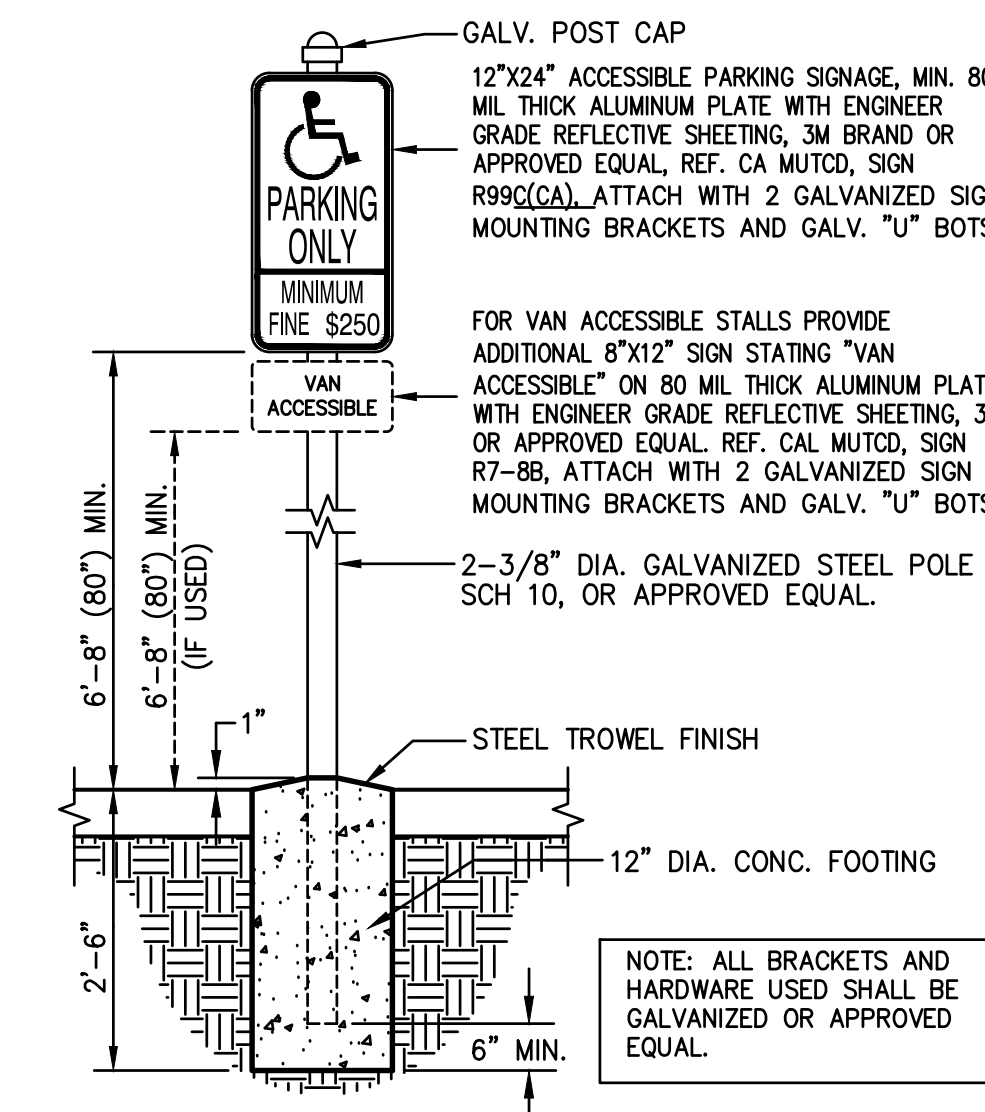
PLACE 3" AC OVER 12" CLASS II AB ON A TENSAR BX1100 GEGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.

② **TYPE 2 PAVING**

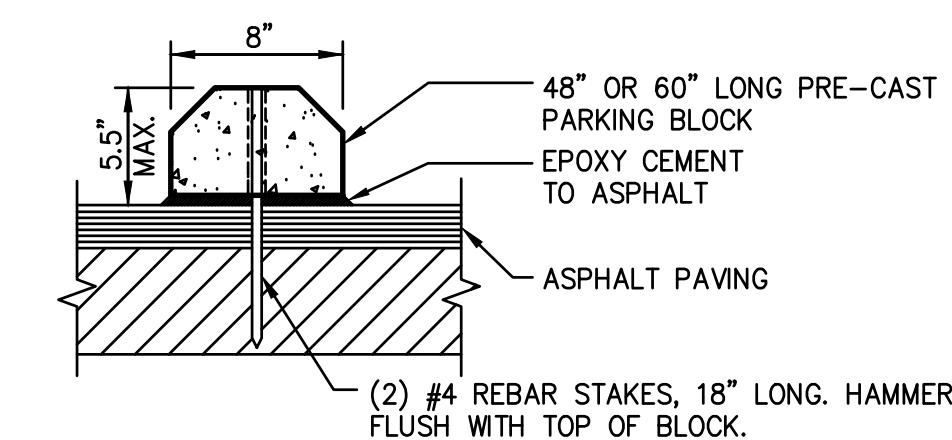
PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 12" CLASS II AB ON A TENSAR BX1100 GEGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.

WILL HOLD 75,000 LBS FIRE TRUCK PER
CFC APPENDIX D102.1

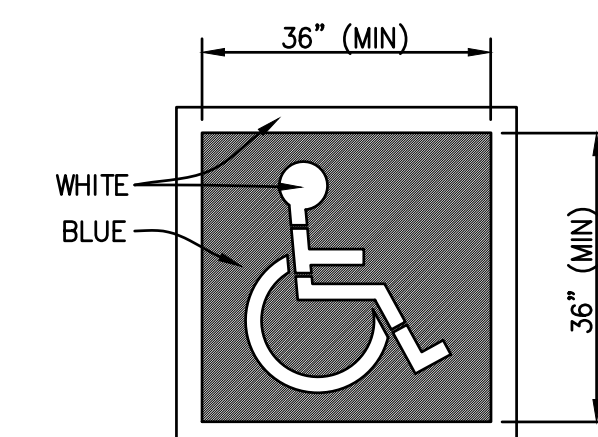
11. PAINT 4" WIDE BLUE STRIPING IN LAYOUT AND PER THE DIMENSIONS SHOWN.
12. PAINT 4" WIDE BLUE STRIPING AROUND PERIMETER OF ACCESSIBLE LOADING AREA WITH BLUE CROSS HATCH STRIPING STRIPES SHALL BE 4" WIDE AND 36" O.C. AND 30' FROM PERPENDICULAR WITH PERIMETER STRIPING.
13. PAINT 12" HIGH WHITE LETTERING EXPRESSING "NO PARKING."
14. PAINT INTERNATIONAL SYMBOL FOR ACCESSIBILITY PARKING STALL SYMBOL IN ACCORDANCE WITH THE DIMENSIONS AND COLORING SHOWN IN THE PROVIDED DETAIL. (3)
C4.1
15. PLACE 48" LONG CONCRETE WHEEL STOP PER THE DETAIL PROVIDED. (2)
C4.1
16. INSTALL ACCESSIBLE PARKING SIGN PER THE DETAIL PROVIDED. WHERE SHOWN ON PLAN AS "VAN" ACCESSIBLE STALL, PROVIDE EXTERNAL VAN ACCESSIBLE SIGN AS SHOWN IN DETAIL. MOUNT AT HEIGHT PER DETAIL WITH APPROPRIATE STAINLESS STEEL.



C4.1 ACCESSIBLE STALLS (CALIFORNIA ONLY) NO SCALE



C4.1 NO SCALE



1. THIS PARKING SYMBOL IS ALSO KNOWN AS THE INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA).

C4.1 NO SCALE

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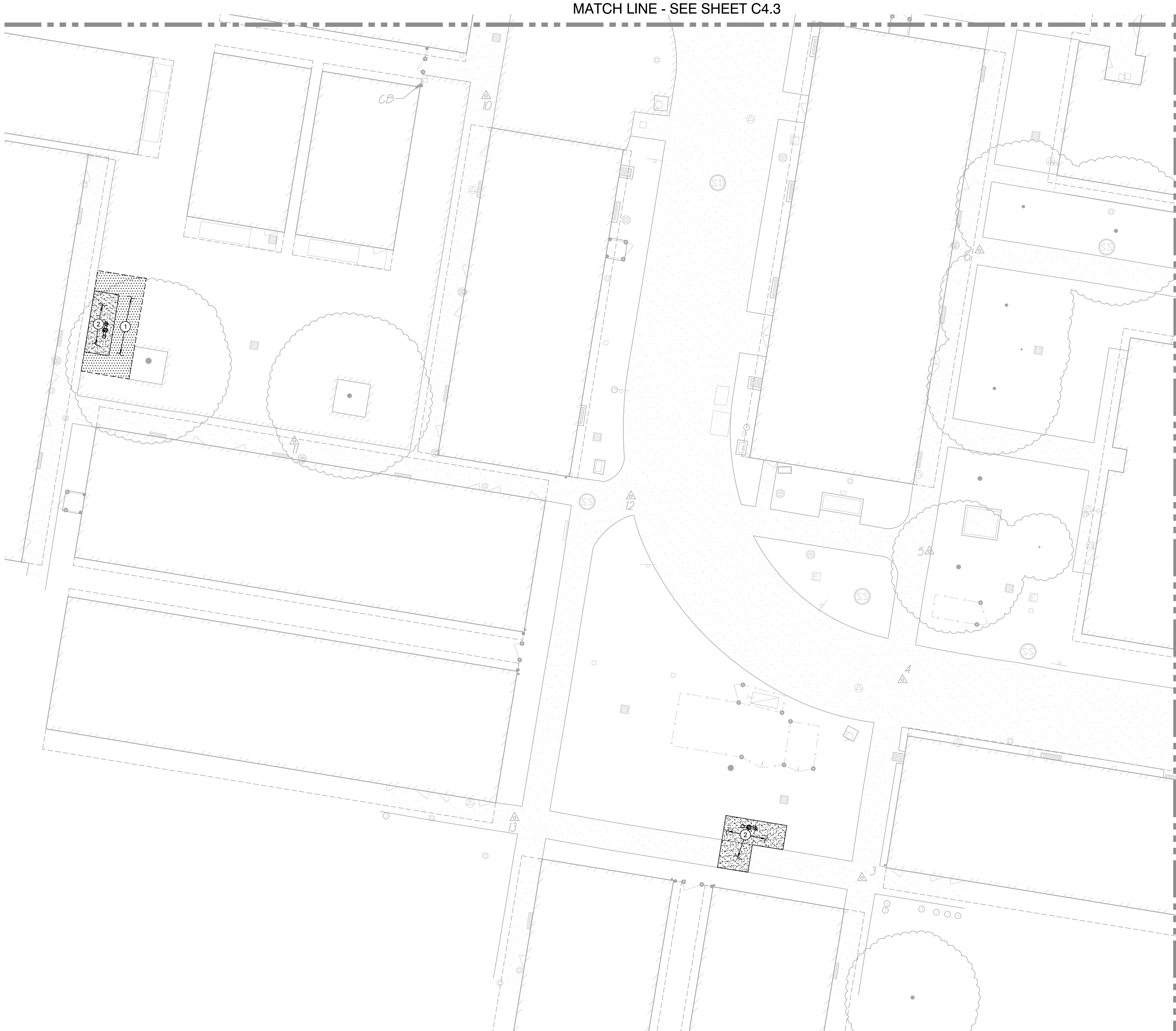
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<input type="radio"/>	BIDDING	
<input type="radio"/>	CONSTRUCTION	

CONSTRUCTION DOCUMENTS

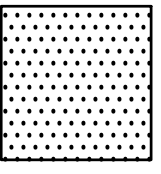
PAVING AND
STRIPING PLAN


C4.1


FILENAME:I:\23-116\CIVIL\DWG\23-116-C41-C43.DWG



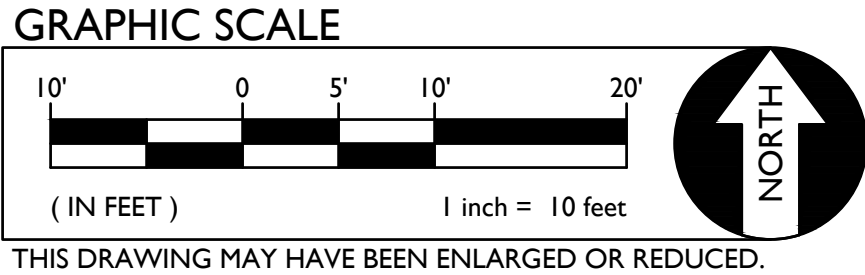
- PAVING GENERAL NOTES:**
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 3. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB.
 4. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, AND COMPACTION SHALL BE PERFORMED AFTER;
A. POT HOLING ALL EXISTING UTILITIES.
B. THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
 6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE RESTORED.
 7. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
 8. ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. REPLACE PER PLAN.

- PAVING LEGEND**
- 

① TYPE 1 PAVING
PLACE 3" AC OVER 12" CLASS II AB ON A TENSAR BX1100 GEOGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.
- 

② TYPE 2 PAVING
PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 12" CLASS II AB ON A TENSAR BX1100 GEOGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.
- 

1
C5.1

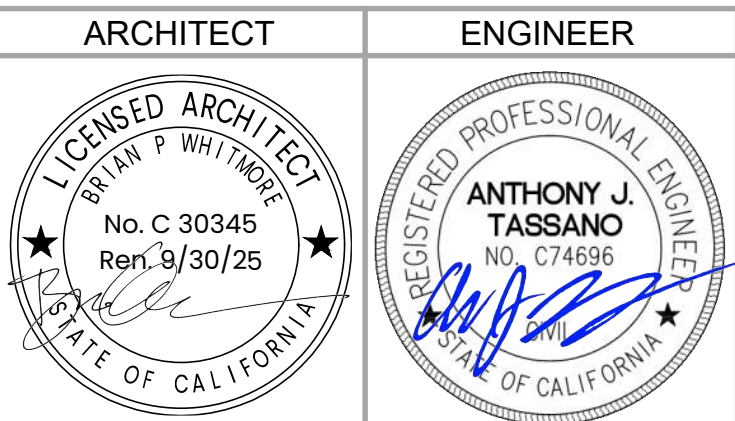


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NO.	REMARKS	DATE

DRAWING STATUS

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

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

CONSTRUCTION DOCUMENTS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

PAVING AND
STRIPING PLAN

Date 11/20/2023	Project Number 22044
Application Number .	Drawing Number C4.2
Drawn AT	Checked AT



- PAVING GENERAL NOTES:**
- AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE.
 - ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
 - RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB.
 - PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, AND COMPACTION SHALL BE PERFORMED AFTER;
A. POT HOLING ALL EXISTING UTILITIES.
B. THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
 - ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE RESTORED.
 - REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
 - ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. REPLACE PER PLAN.

- PAVING LEGEND**
- 1 TYPE 1 PAVING**
PLACE 3" AC OVER 12" CLASS II AB ON A TENSAR BX1100 GEOGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.
- 2 TYPE 2 PAVING**
PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 12" CLASS II AB ON A TENSAR BX1100 GEOGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.
- 3 TYPE 3 PAVING**
PLACE 1/2" POUR IN PLACE RUBBER WEAR COURSE OVER 3" SBR CUSHION LAYER ON 12" OF CL2 AGGREGATE BASE ON A TENSAR BX1100 GEOGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.

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PAVING AND STRIPING PLAN

Date
11/20/2023

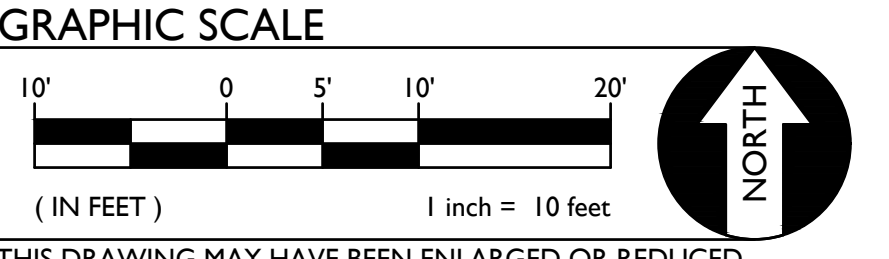
Application Number
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Project Number
22044

Drawing Number
C4.3

Drawn
AT

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AT



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PAVING AND STRIPING PLAN

Date
11/20/2023

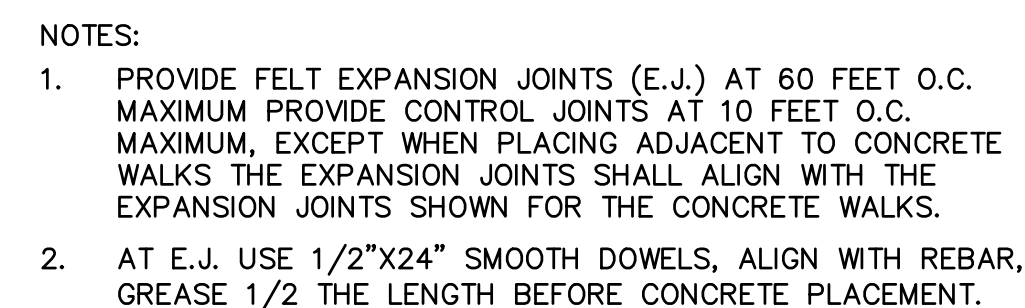
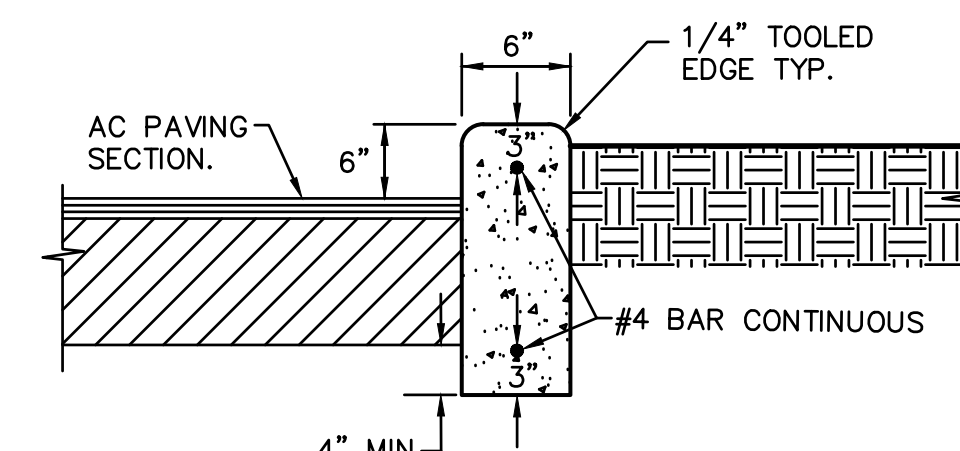
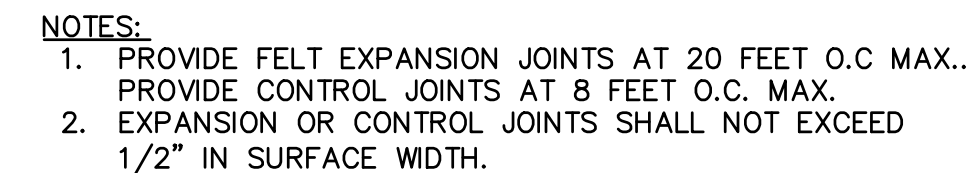
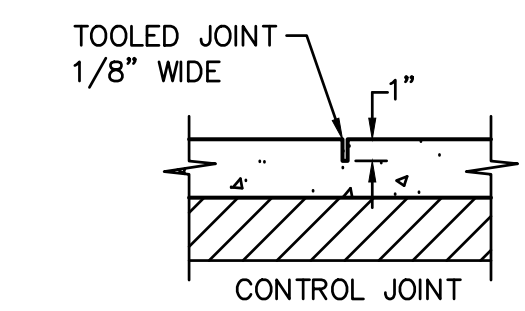
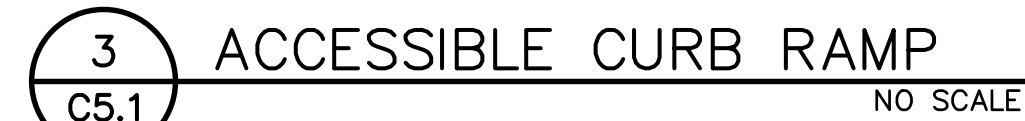
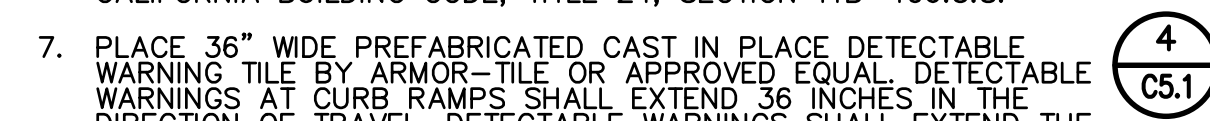
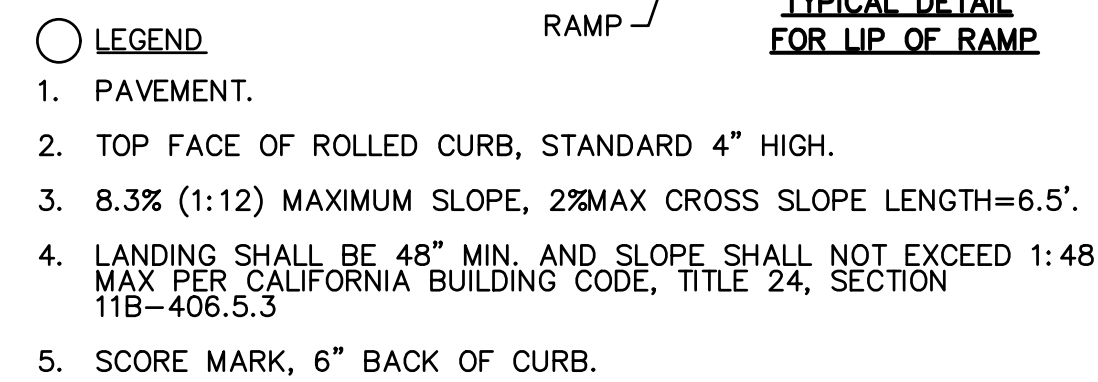
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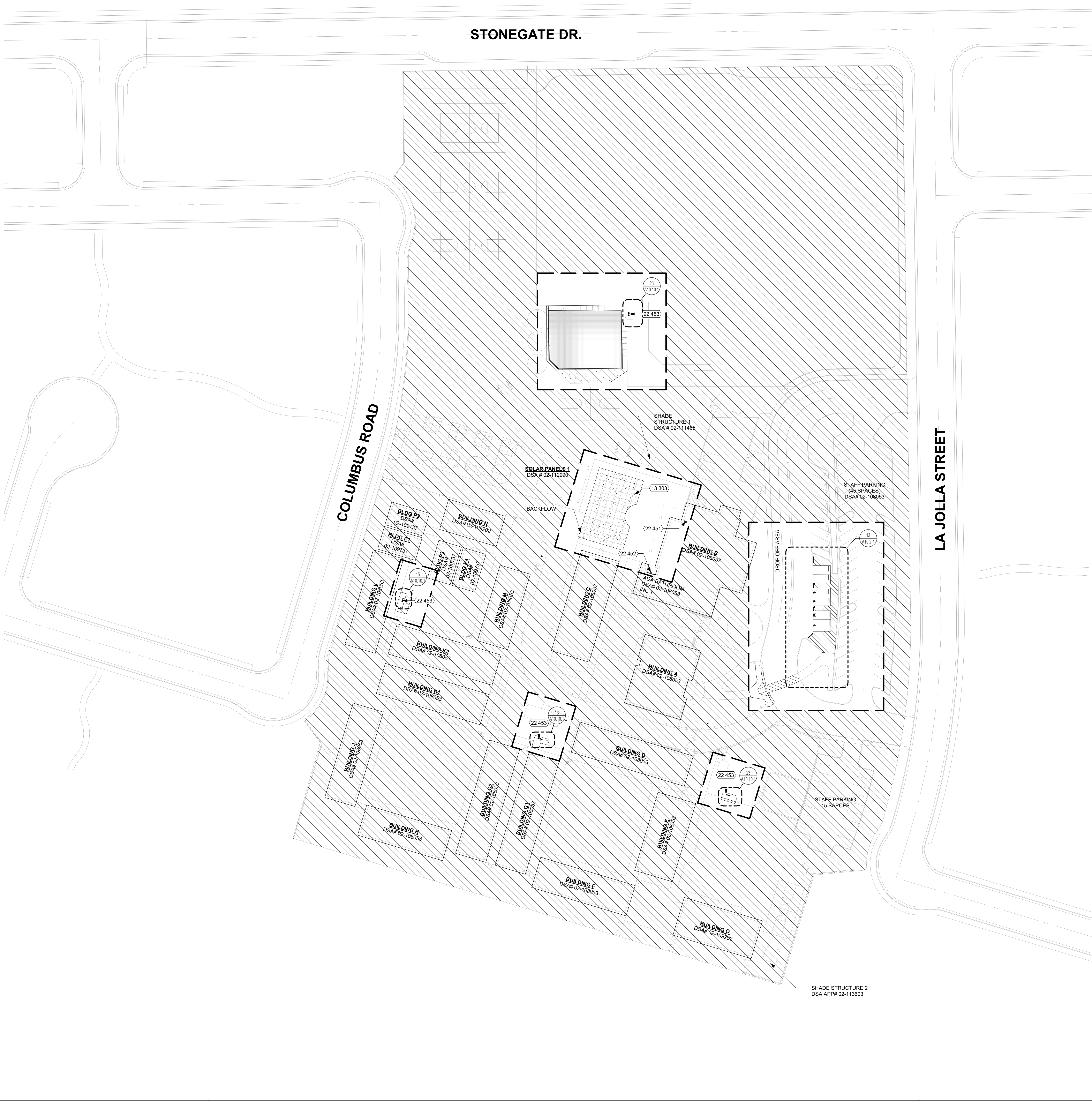
Project Number
22044

Drawing Number
C4.3

Drawn
AT

Checked
AT





KEYNOTES

NUMBER	NOTE
13 303	NEW METAL SHADE STRUCTURE (SEE PC DRAWINGS)
22 451	H/L/O INTERIOR DRINKING FOUNTAIN WITH BOTTLE FILLER (SEE DETAIL 16/A10.10.1)
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 5/A10.10.1)

PLAY AREA NOTES

- GROUND SURFACES ON ACCESSIBLE ROUTES, CLEAR FLOOR OR GROUND SPACES, AND TURNING SPACES SHALL COMPLY WITH CBC SECTION 11B-1008.2.6.
- GROUND SURFACES SHALL COMPLY WITH ASTM F1951. GROUND SURFACES SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F1951.
- GROUND SURFACES LOCATED WITHIN USE ZONES SHALL COMPLY WITH ASTM F1292.

GENERAL NOTES

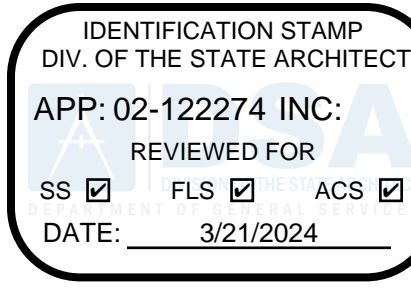
- CONTRACTOR IS RESPONSIBLE FOR 6'-0" HIGH TEMPORARY CONSTRUCTION BARRIER WITH VISION SCREEN AT STAGING, STORAGE AND CONSTRUCTION AREA WITH SIGNAGE EVERY 20'-0" TO WARN STUDENTS OF CONSTRUCTION AREA.
- CONTRACTOR SHALL ACCESS THE SITE FROM _____ ANY DAMAGE TO FIRE LANE WILL BE AT THE CONTRACTOR'S EXPENSE.
- 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, LANDSCAPING, 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.
- GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS WITH PROPER LEVER HARDWARE AND KICK PLATES.
- CONTRACTOR TO TAKE PHOTOS PRIOR TO REMOVAL.
- SALVAGE ALL DRINKING FOUNTAINS 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

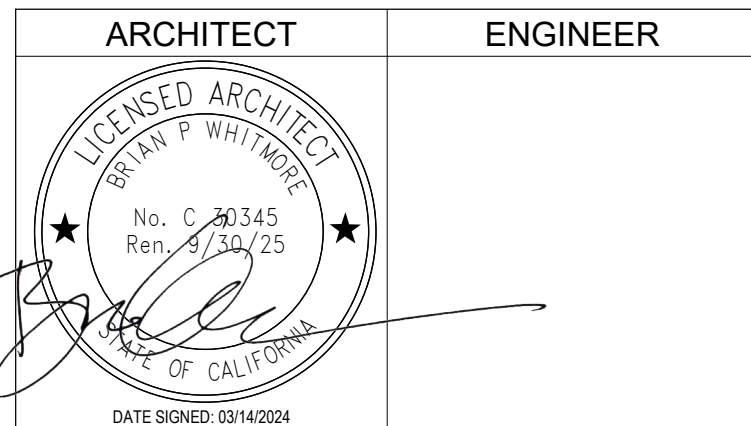
---	PROPERTY LINE
---	LIMIT OF WORK
///	NOT IN SCOPE
+	FIRE HYDRANT
[Pattern]	(N) CONCRETE PAVING, SEE CIVIL DRAWINGS
[Pattern]	(N) CONCRETE ASPHALT, SEE CIVIL DRAWINGS
[Pattern]	(N) POUR IN PLACE RUBBER SURFACING, SEE CIVIL DRAWINGS

SITE PLAN

1" = 40'-0" 10



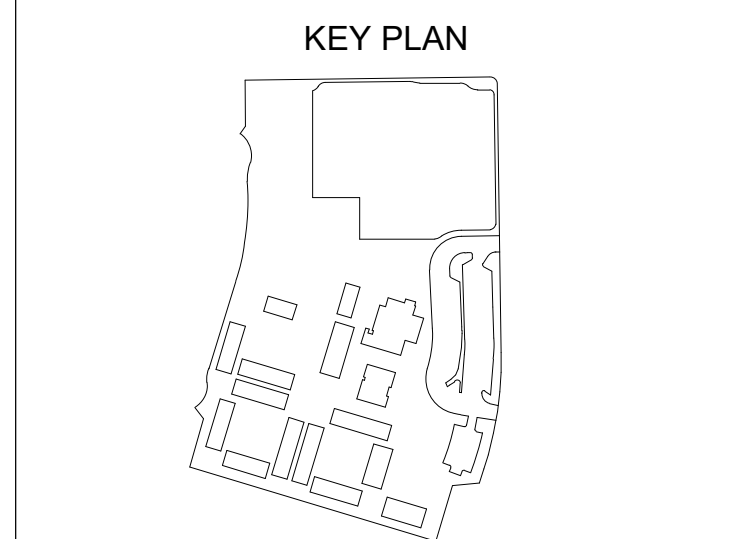
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NO.	REMARKS	DATE

REVISION HISTORY	DATE



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

PROJECT STATUS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

SITE PLAN OVERALL

Date
03/14/2024

Application Number
02-122274

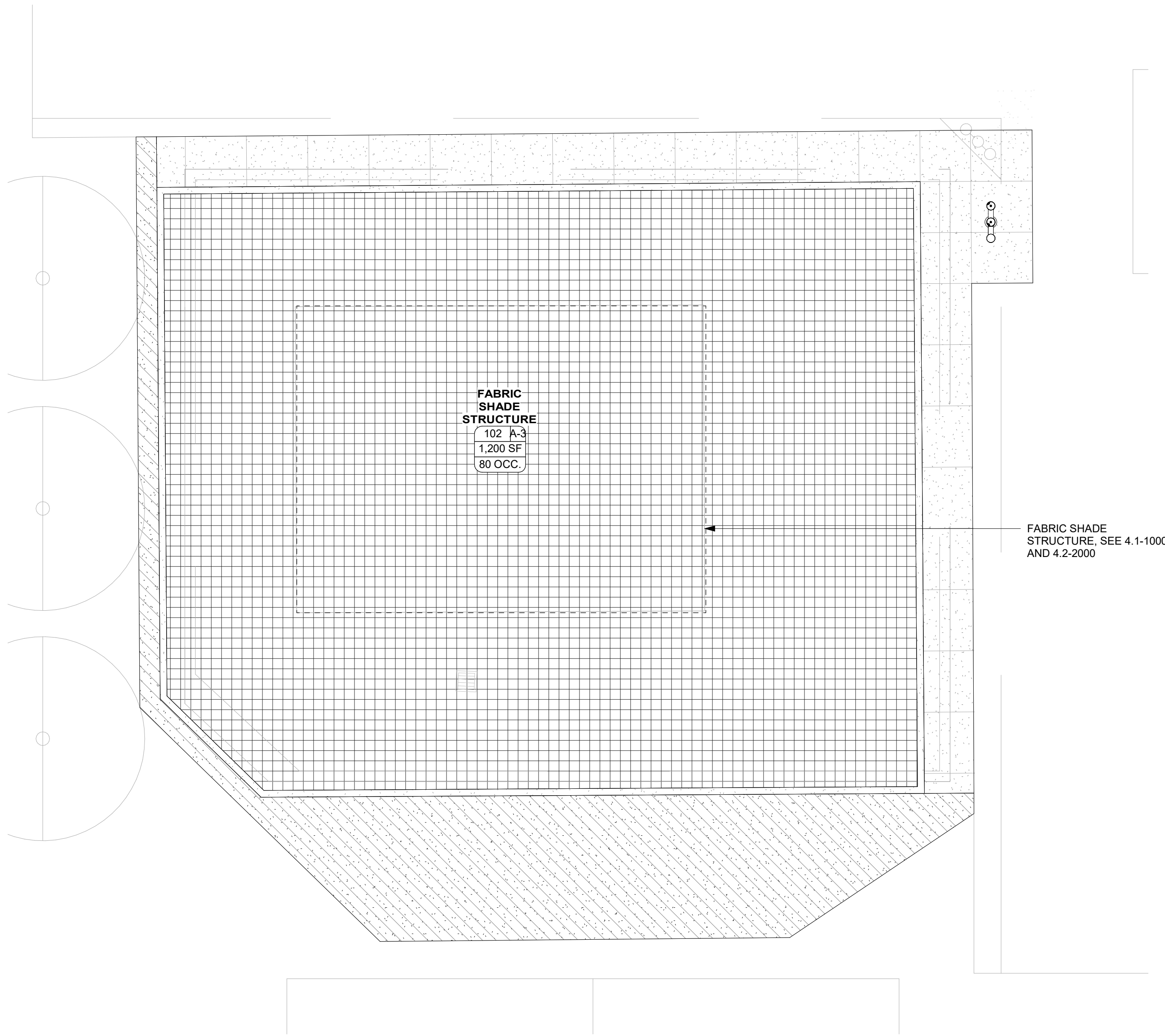
Drawn
Author

Checked
Checker

Project Number
22044

Drawing Number
02-122274

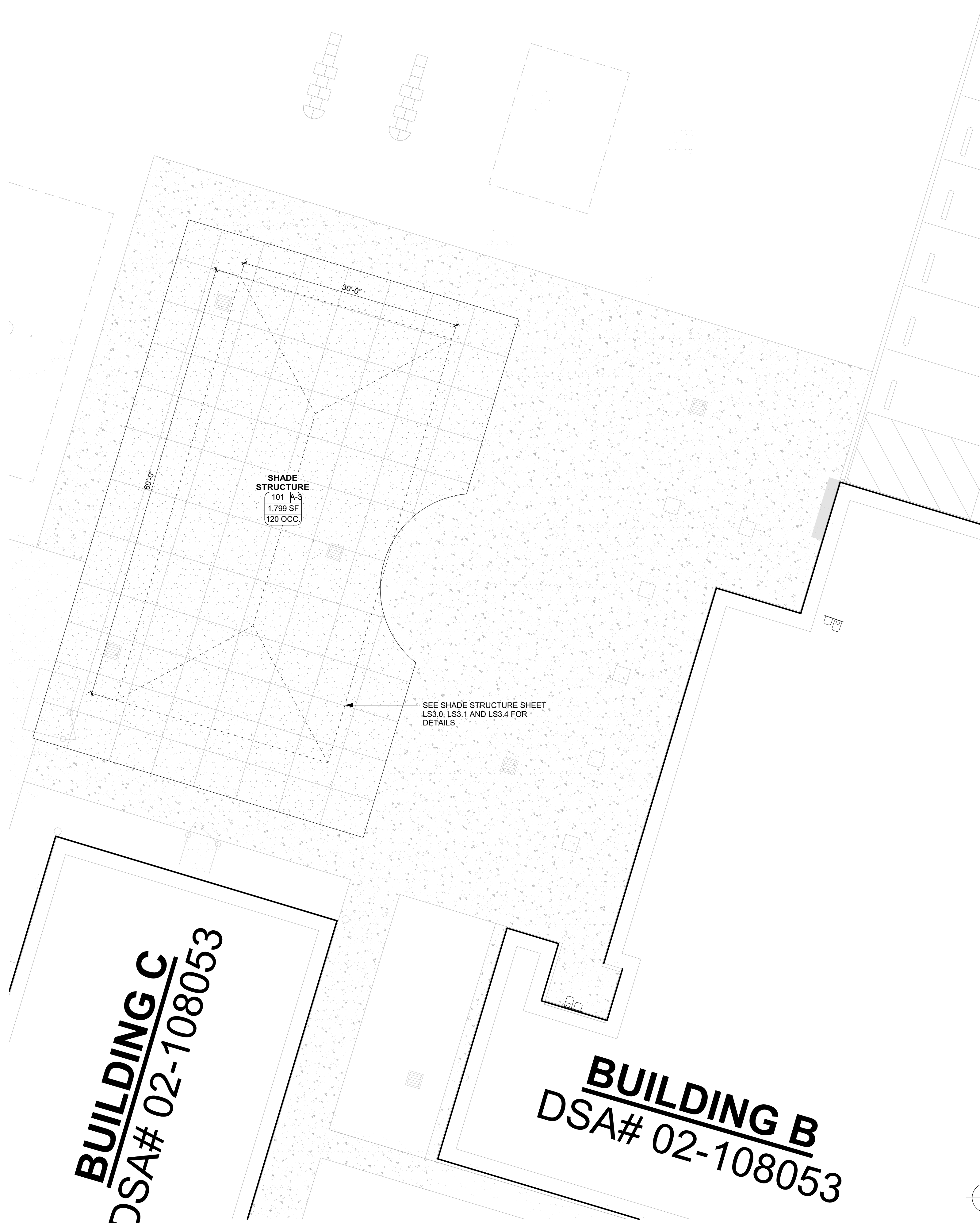
A1.1



ENLARGED SITE PLAN - FABRIC

1/8" = 1'-0"

18



ENLARGED SITE PLAN

1/8" = 1'-0"

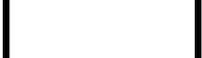
10

- NOTES:
1. LOCATION OF NEW SHADE STRUCTURES DOES NOT BLOCK REQUIRED EXITS OR EXIT ROUTE. CLEAR HEIGHT OF SHADE STRUCTURES SHALL BE 10'-0".
 2. OCCUPANT LOAD FOR SHADE STRUCTURES SHALL BE PER DSA IR 31-1.
 3. 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

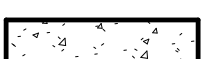
ROOM = ROOM NAME
A101 = ROOM NUMBER
B = OCCUPANCY GROUP
150 SF = FLOOR AREA IN SQUARE FEET
1 OCC = OCCUPANT LOAD (CBC TABLE 1004.5)



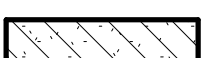
BUILDING UNDER SCOPE OF WORK



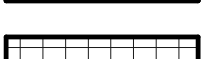
(N) SHADE STRUCTURE (UNDER THIS SCOPE OF WORK)



(N) CONCRETE PAVING, SEE CIVIL DRAWINGS



(N) ASPHALT PAVING, SEE CIVIL DRAWINGS



(N) POUR IN PLACE RUBBER SURFACING, SEE CIVIL DRAWINGS

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DATE: 3/21/2024



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ARCHITECT	ENGINEER

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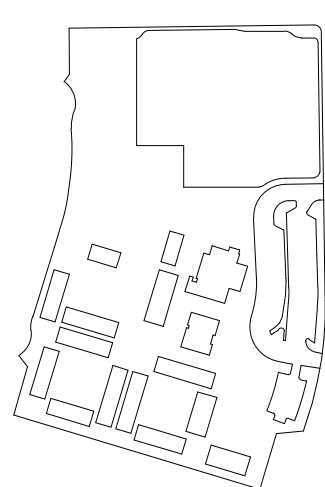
NO.	REMARKS	DATE

REVISION HISTORY

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☐ DSA BACK CHECK
☐ BIDDING
☐ CONSTRUCTION

KEY PLAN



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

PROJECT STATUS

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ESSR III
2500 LA JOLLA STREET
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ENLARGED SITE PLAN

Date

03/14/2024

Application Number

02-122274

Drawn

Author

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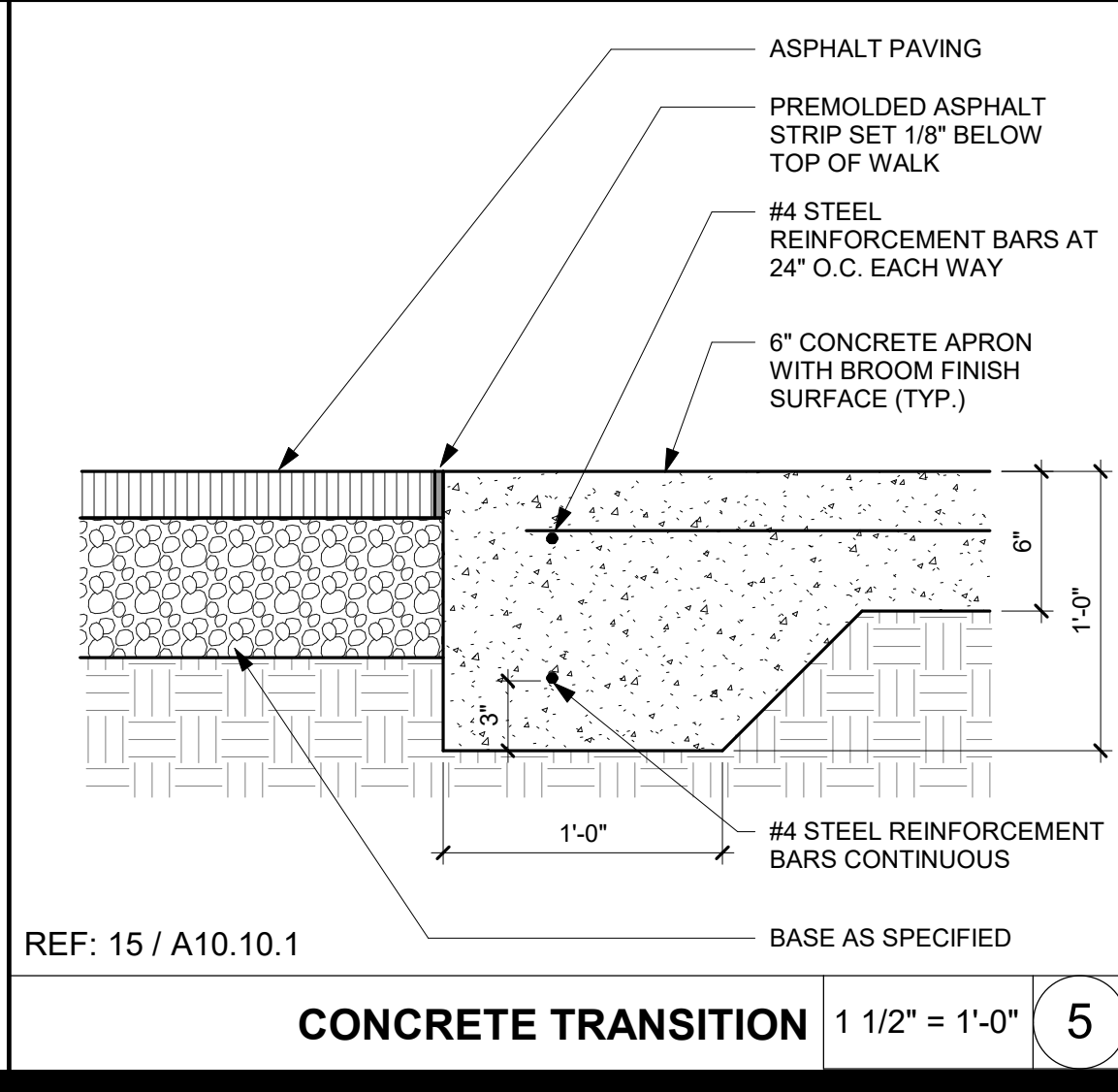
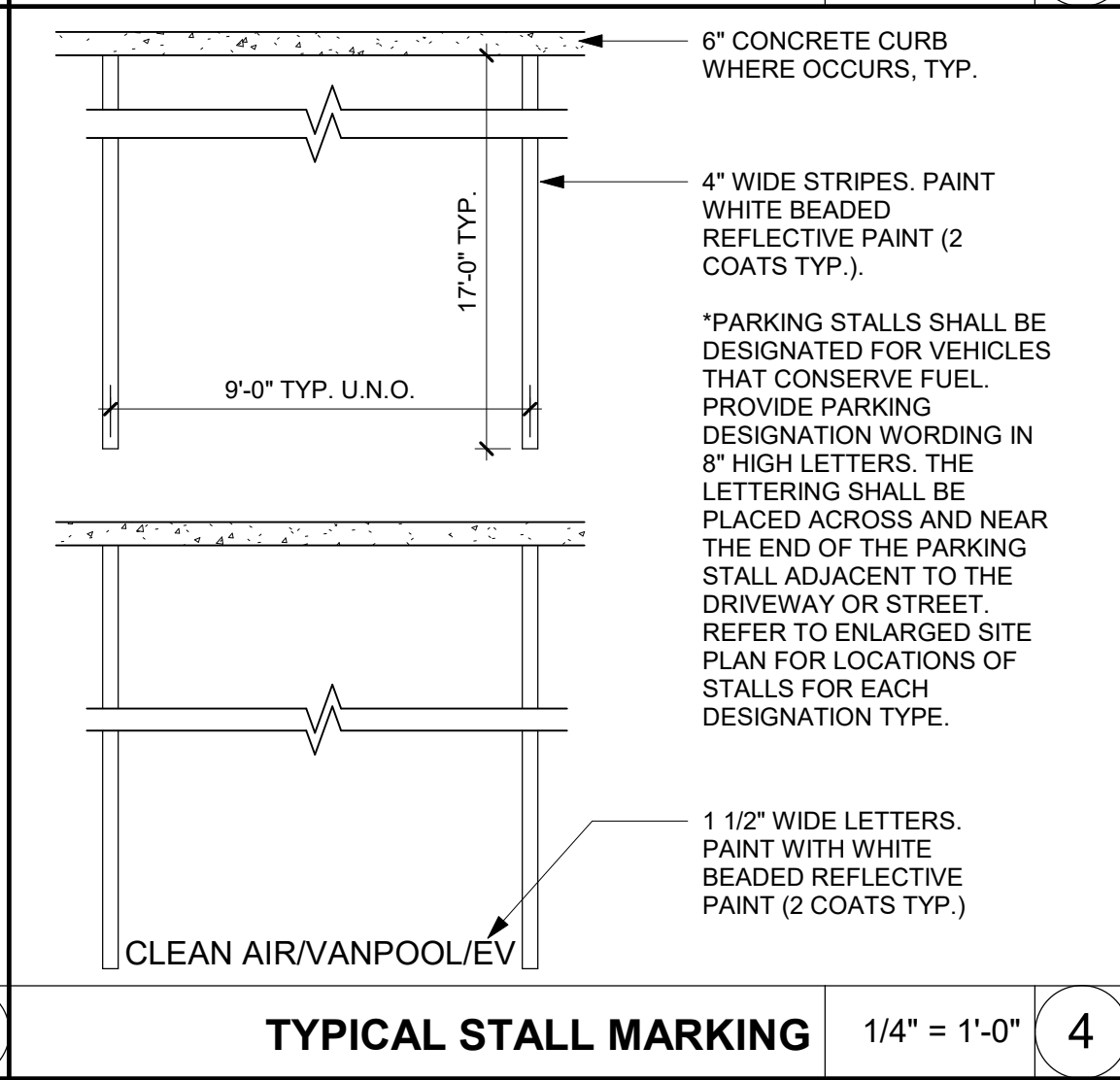
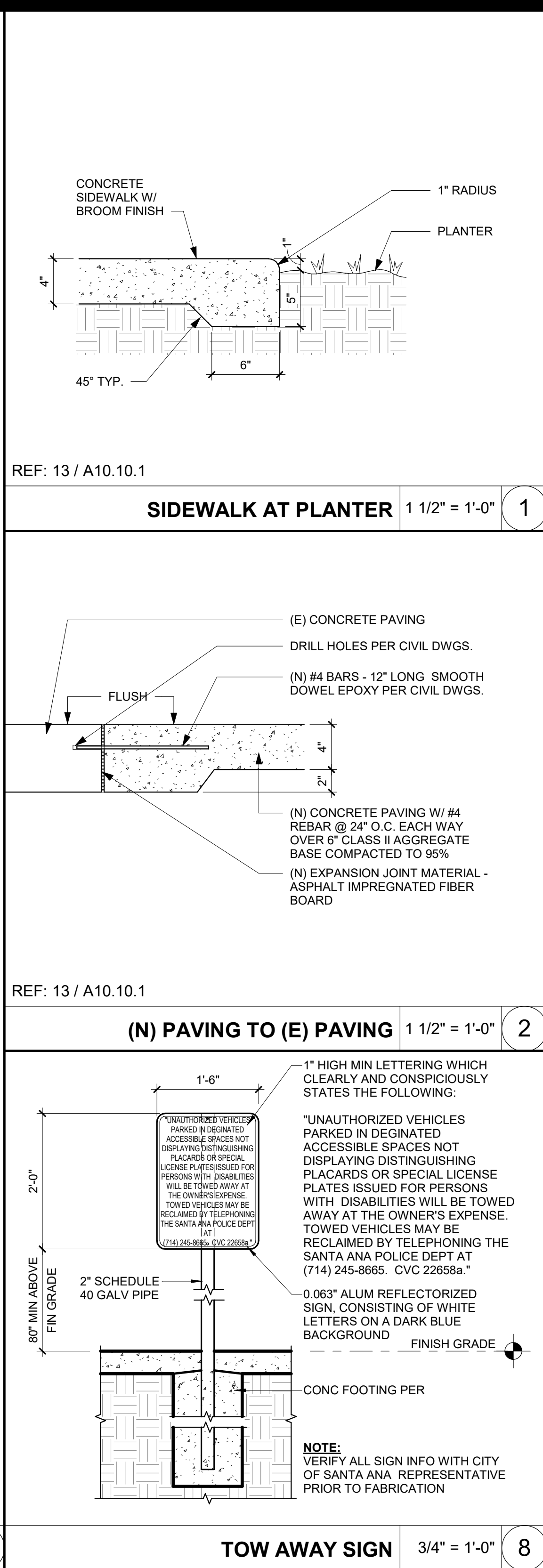
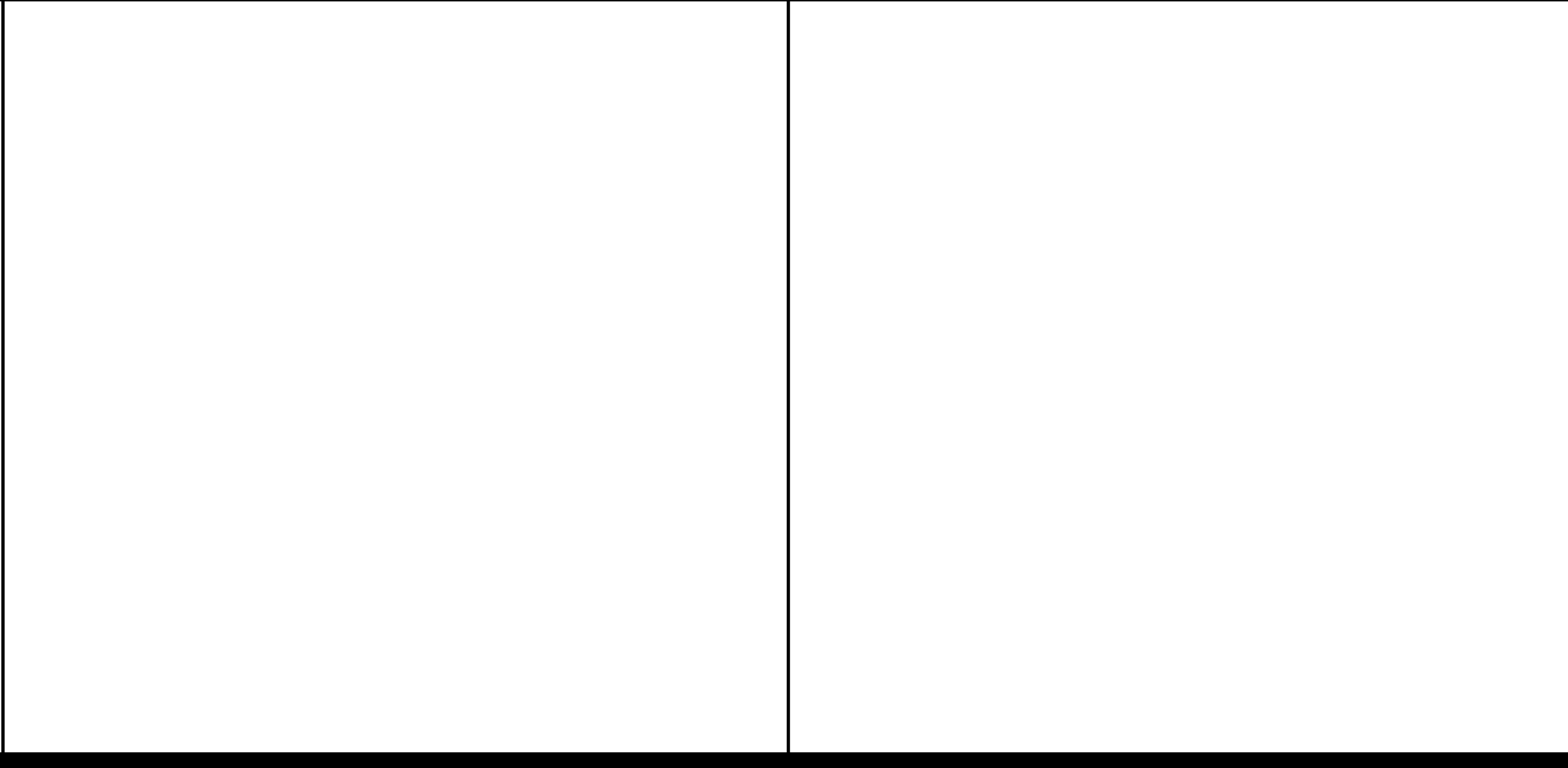
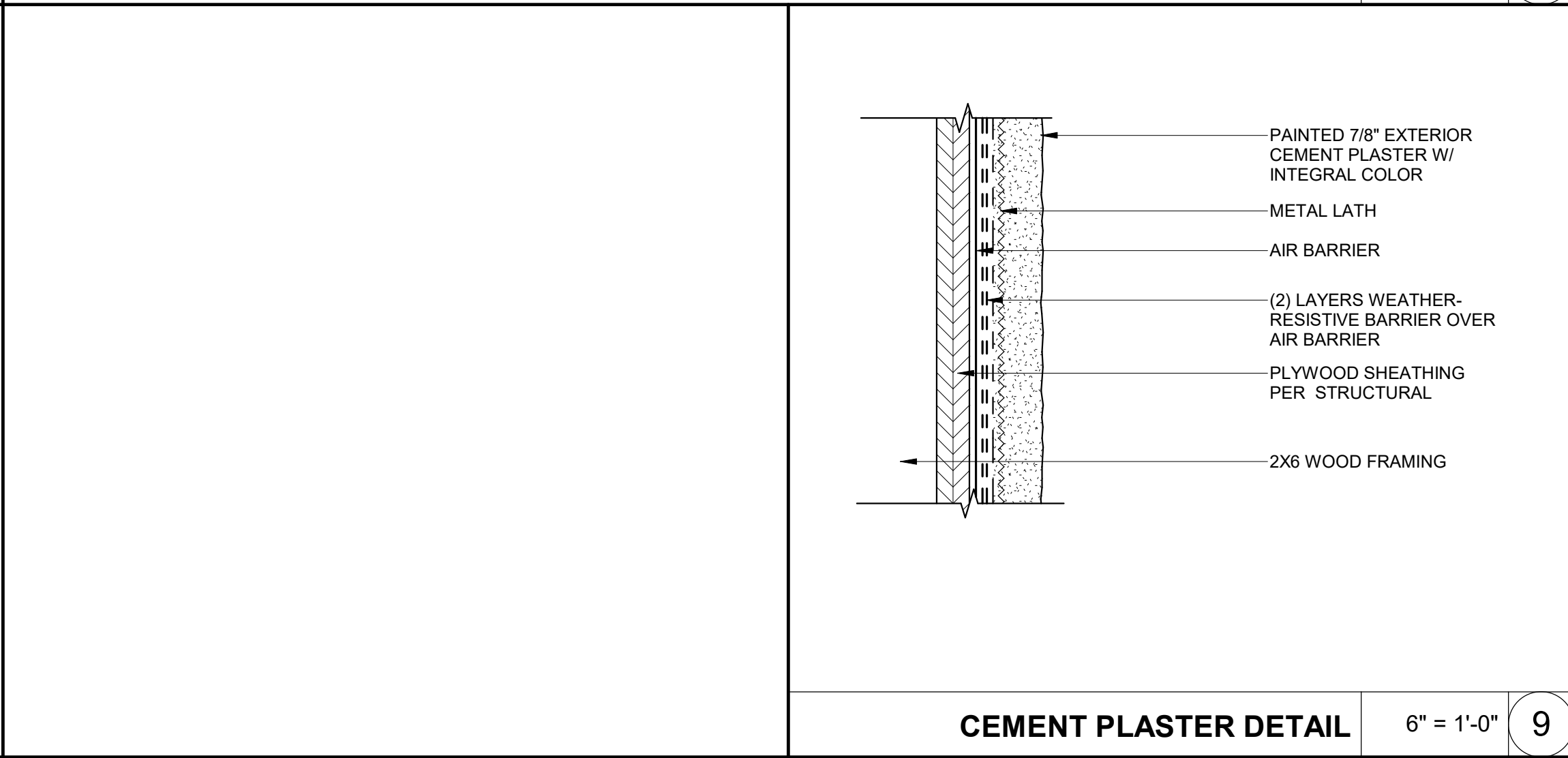
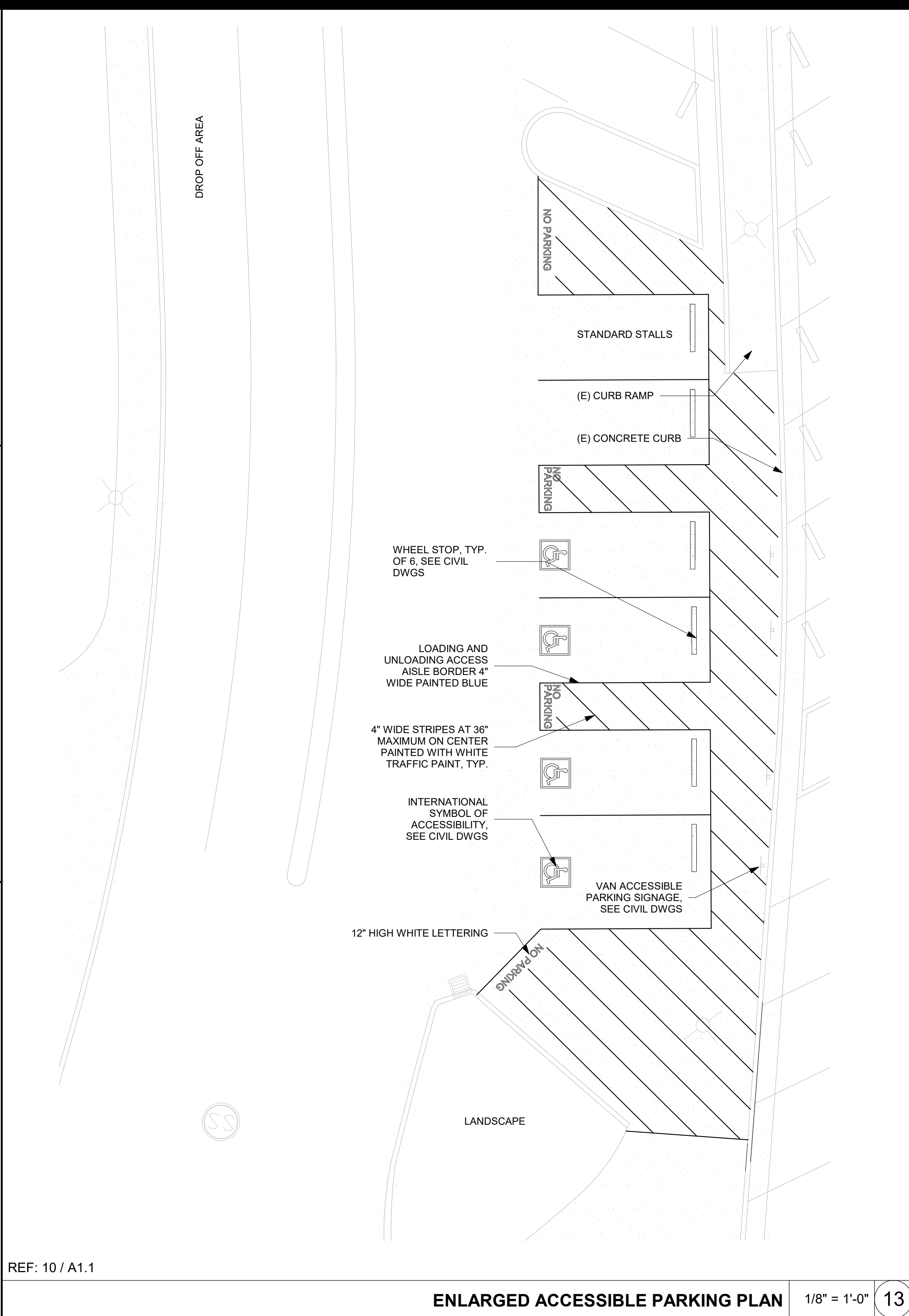
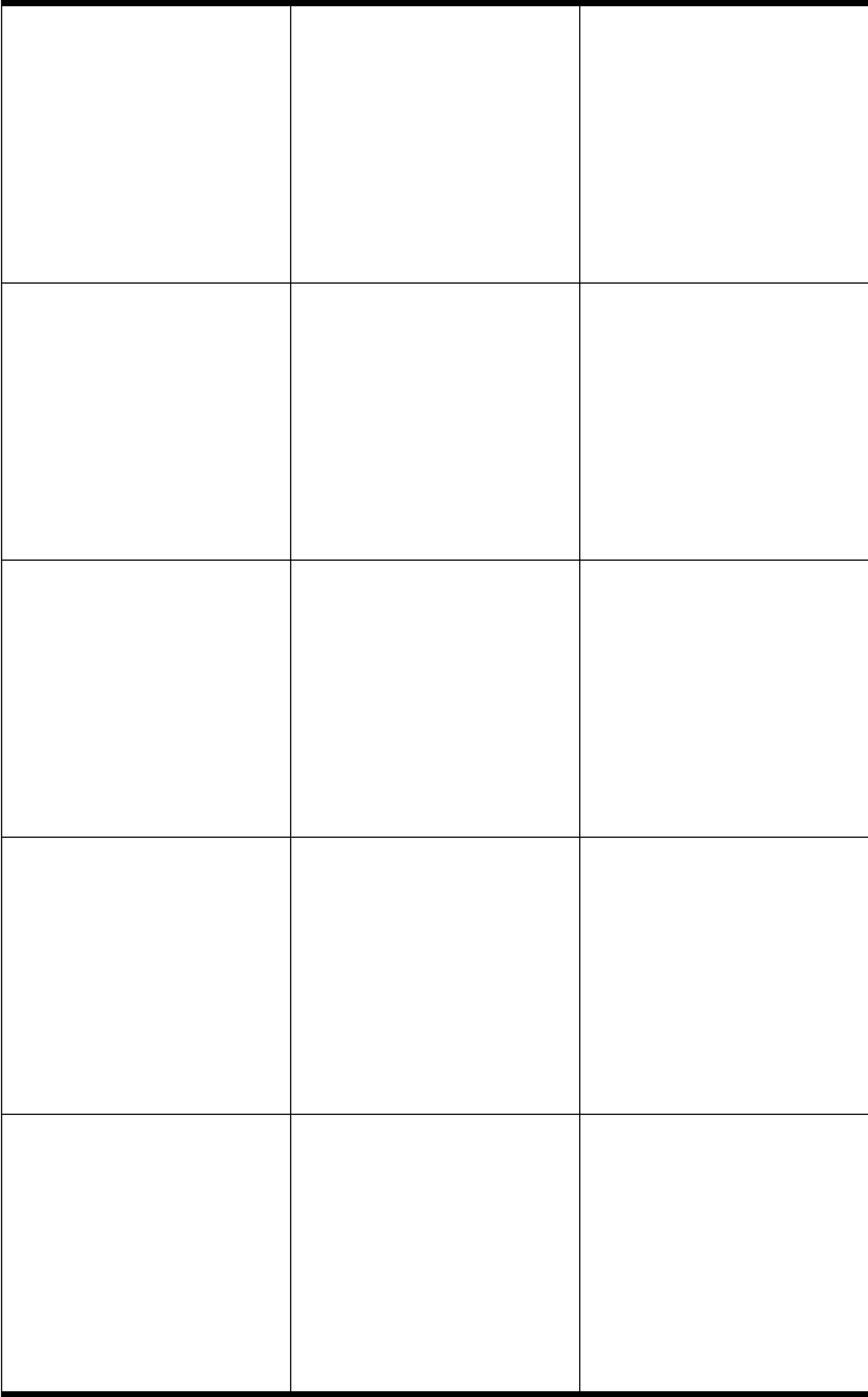
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Project Number

22044

Drawing Number

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ARCHITECT
BRYAN P. WHITEHEAD
No. C 20345
Ret. 9/30/23
STATE OF CALIFORNIA
DATE SIGNED: 03/14/2024

ENGINEER

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☐ BIDDING
☐ CONSTRUCTION

DATE

KEY PLAN

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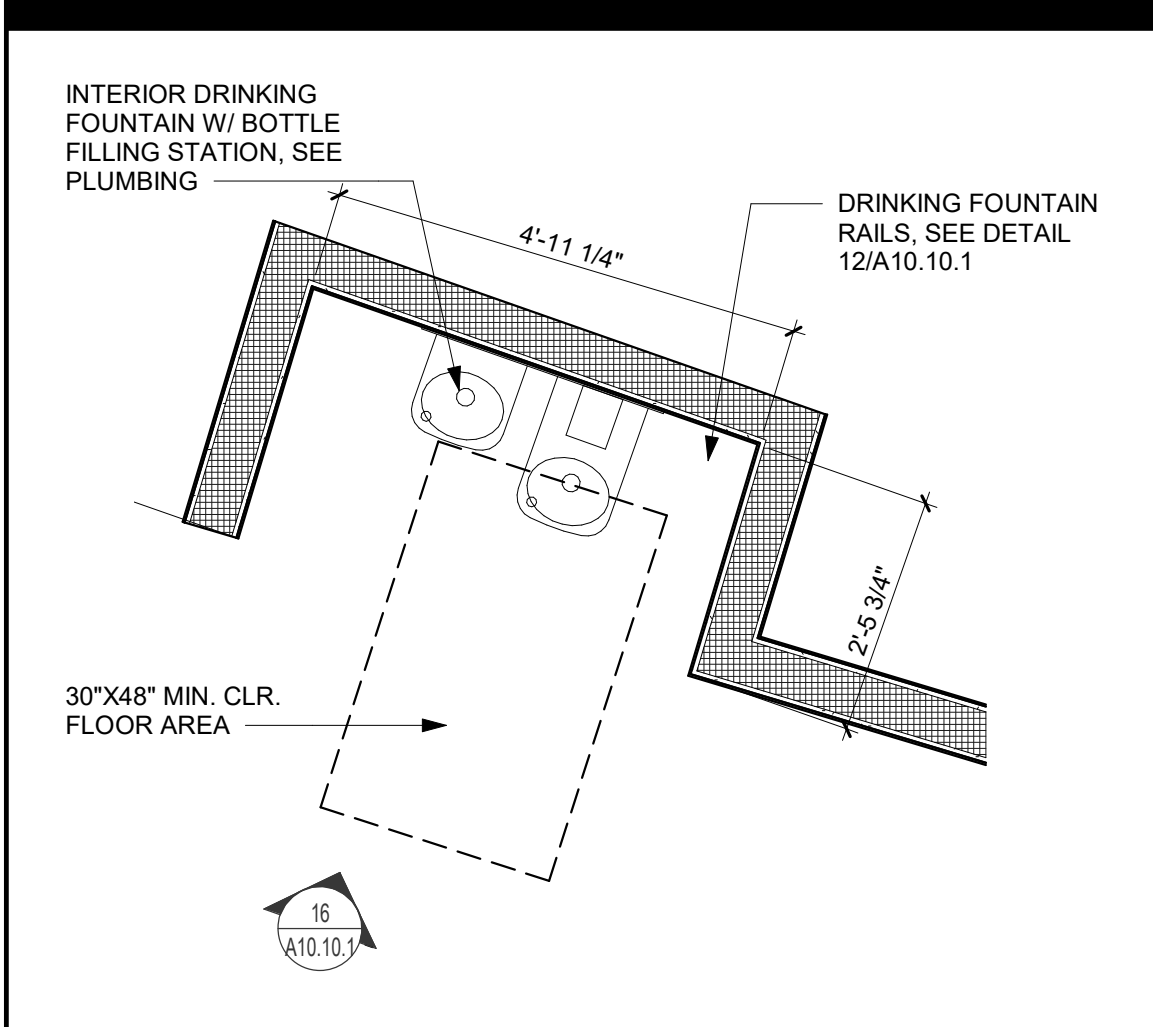
PROJECT STATUS

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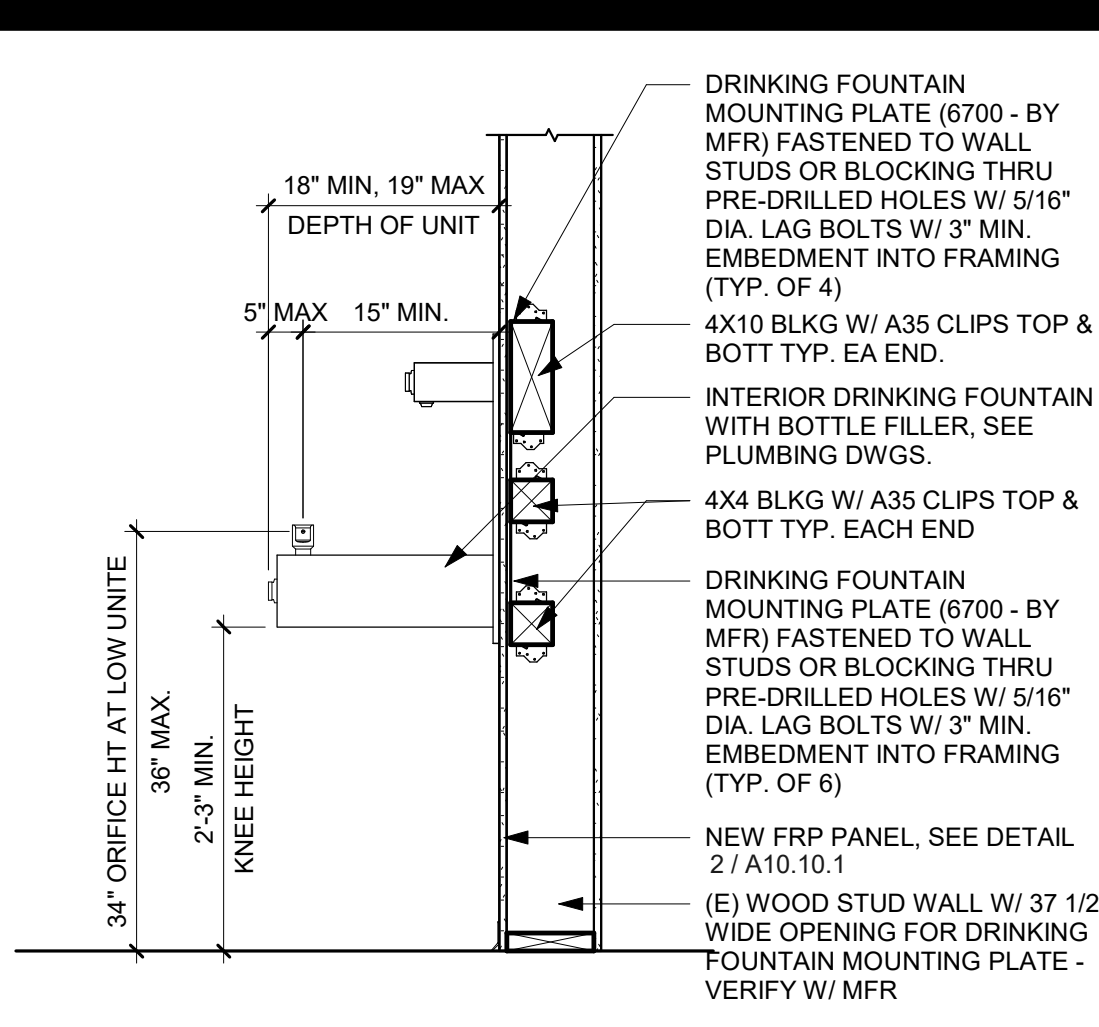
SITE DETAILS

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03/14/2024
Application Number
02-122274
Drawn
Author

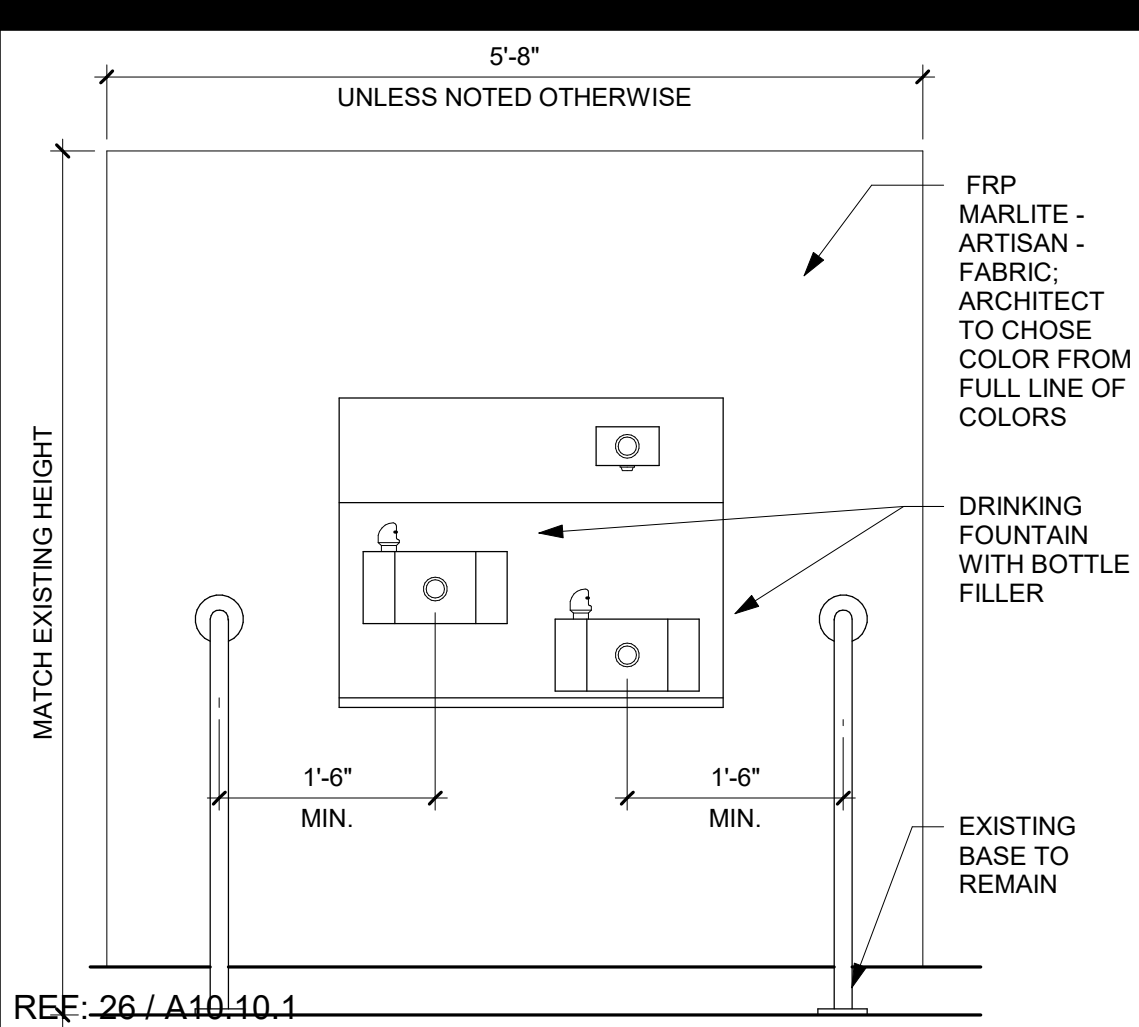
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Drawing Number
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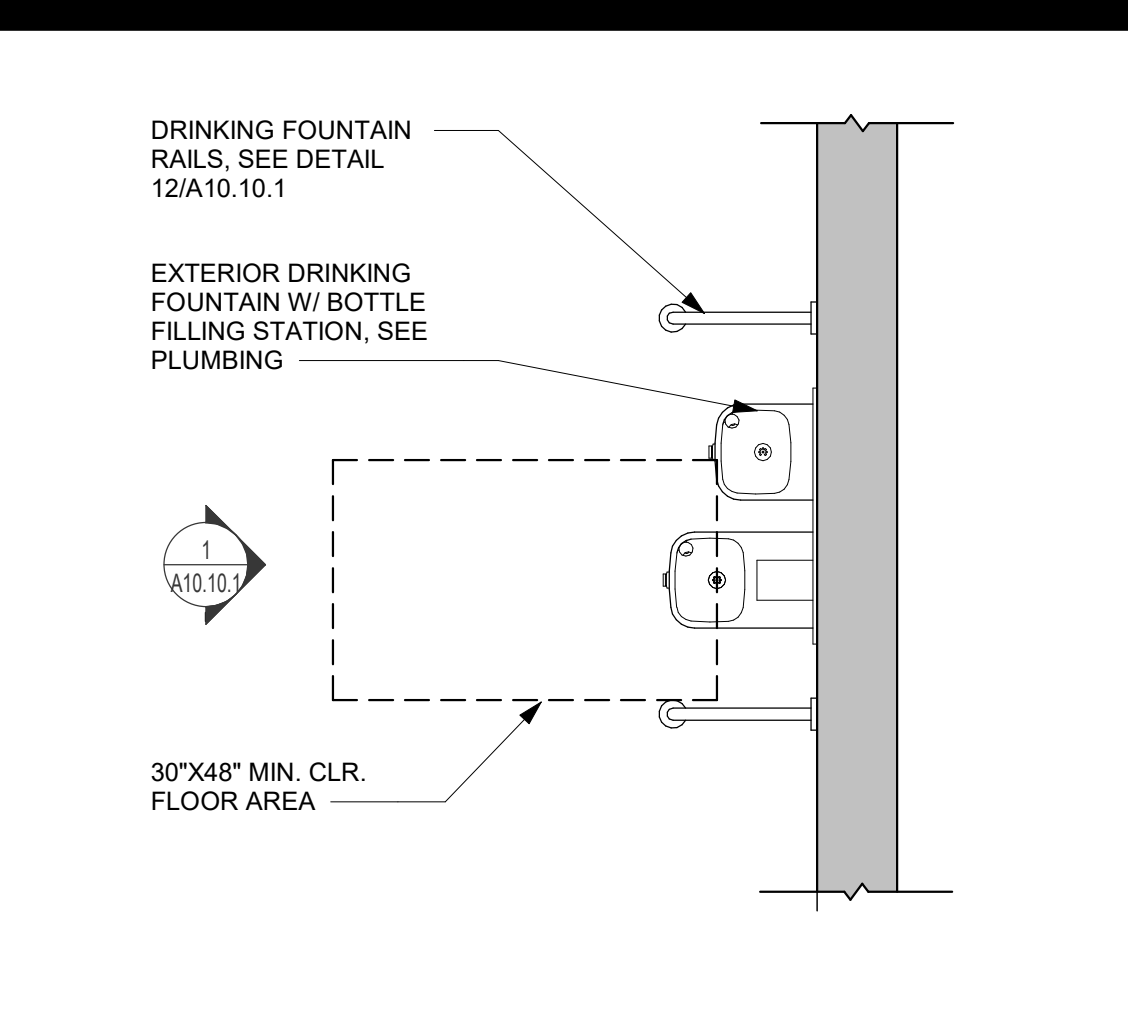
ENLARGED HI-LO INTERIOR DRINKING FOUNTAIN PLAN 1/2" = 1'-0" 26



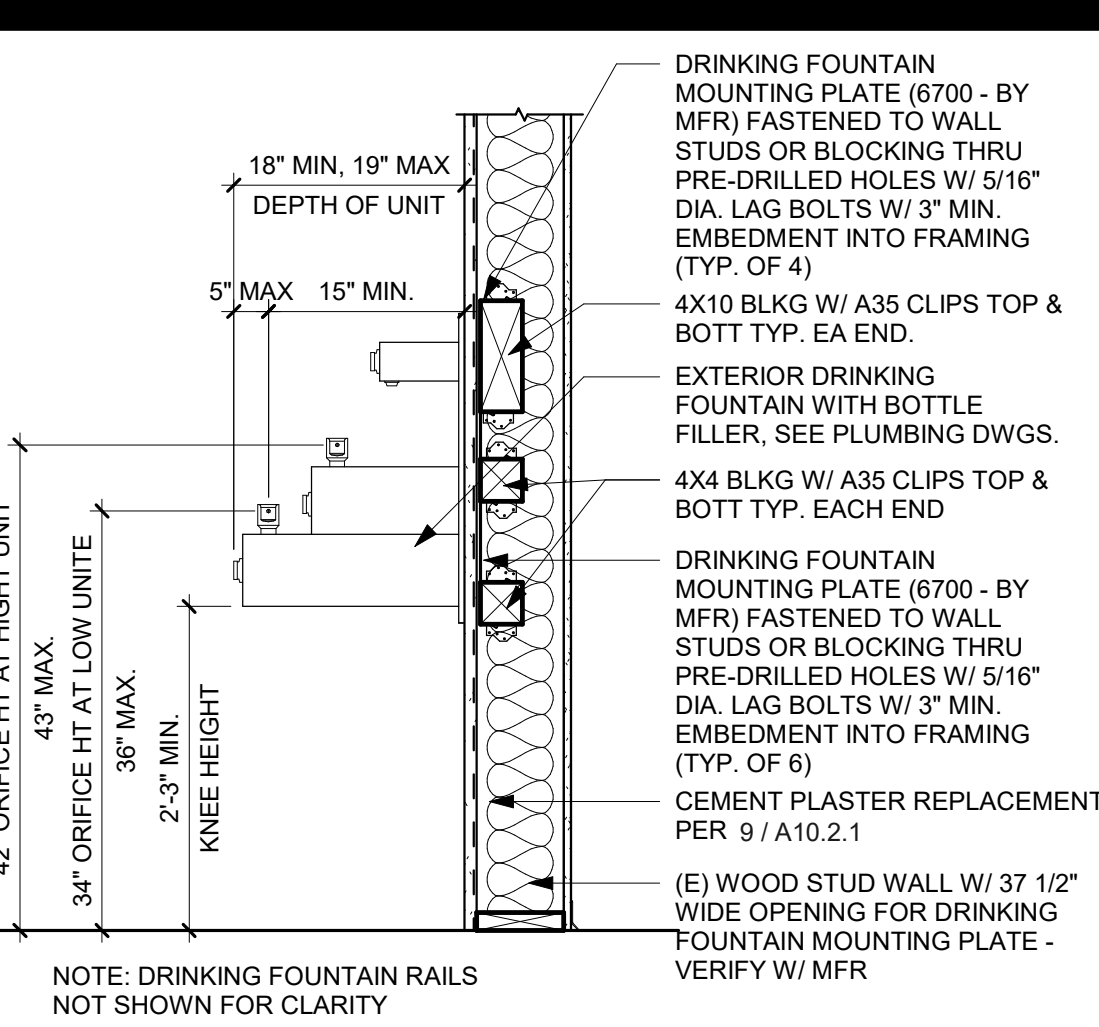
INT. HI-LO DF W/ BOTTLE FILLER SECTION & CLEARANCES 3/4" = 1'-0" 21



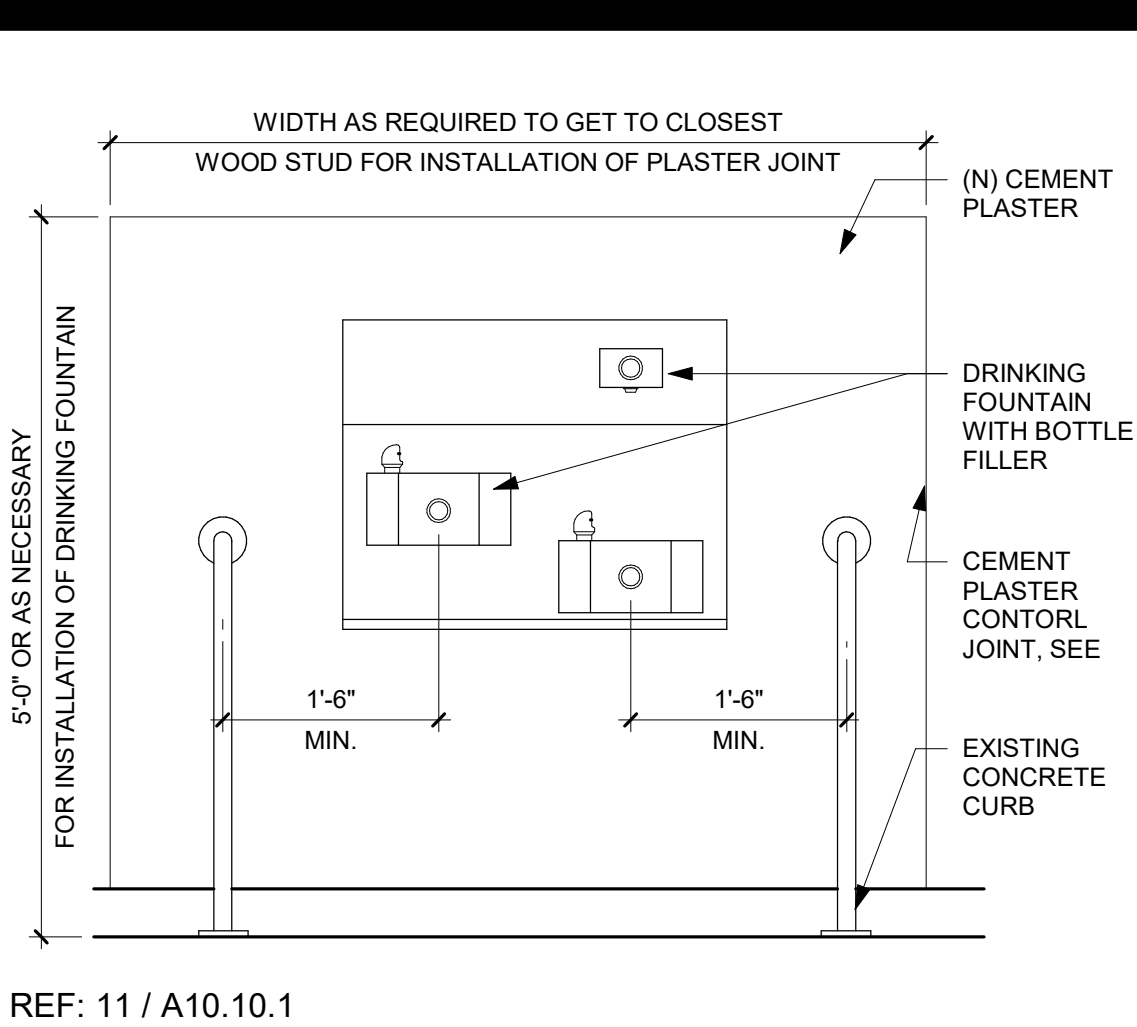
HI-LO INTERIOR DRINKING FOUNTAIN WITH BOTTLE FILLER 3/4" = 1'-0" 16



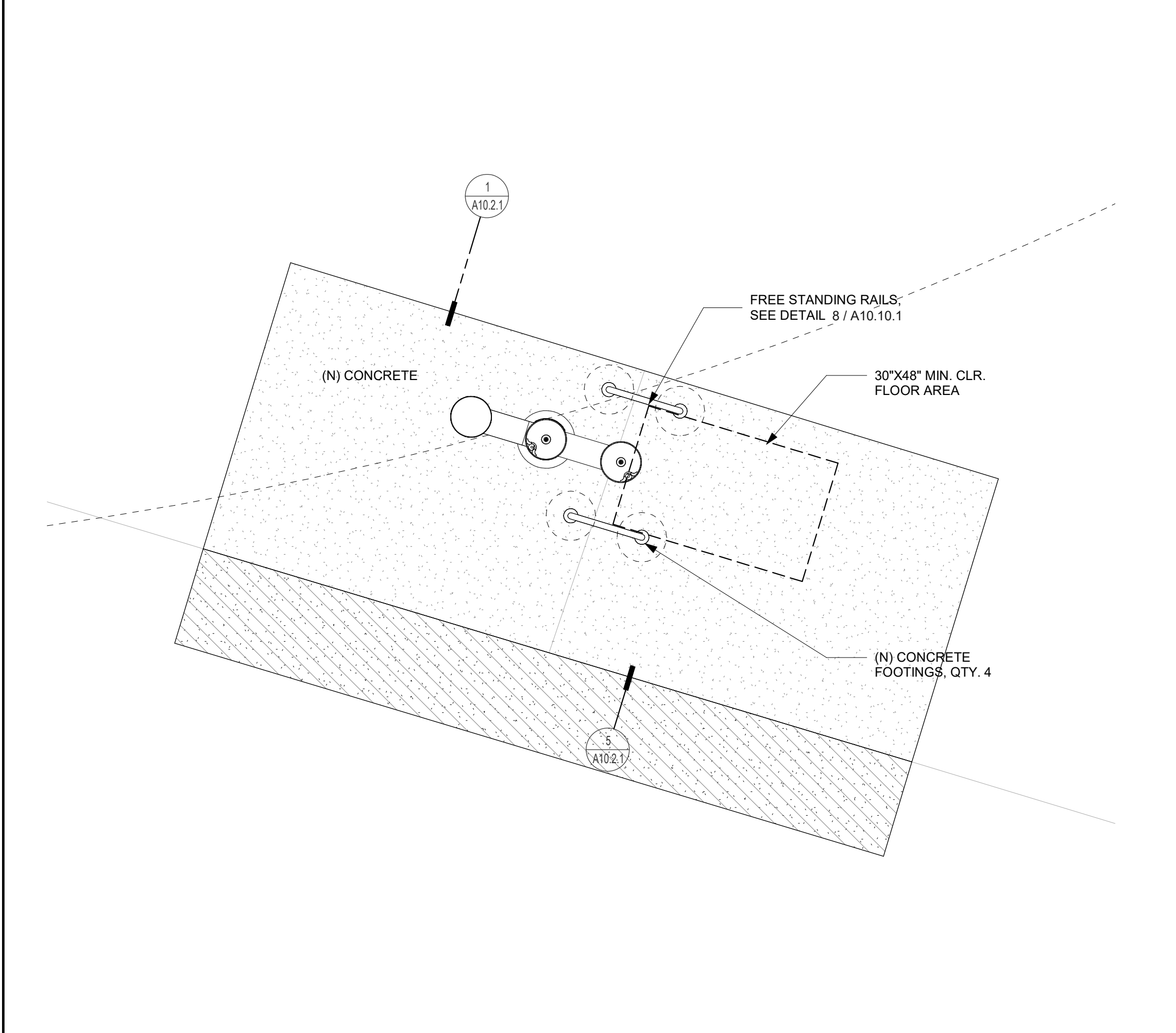
ENLARGED HI-LO EXTERIOR DRINKING FOUNTAIN PLAN 1/2" = 1'-0" 11



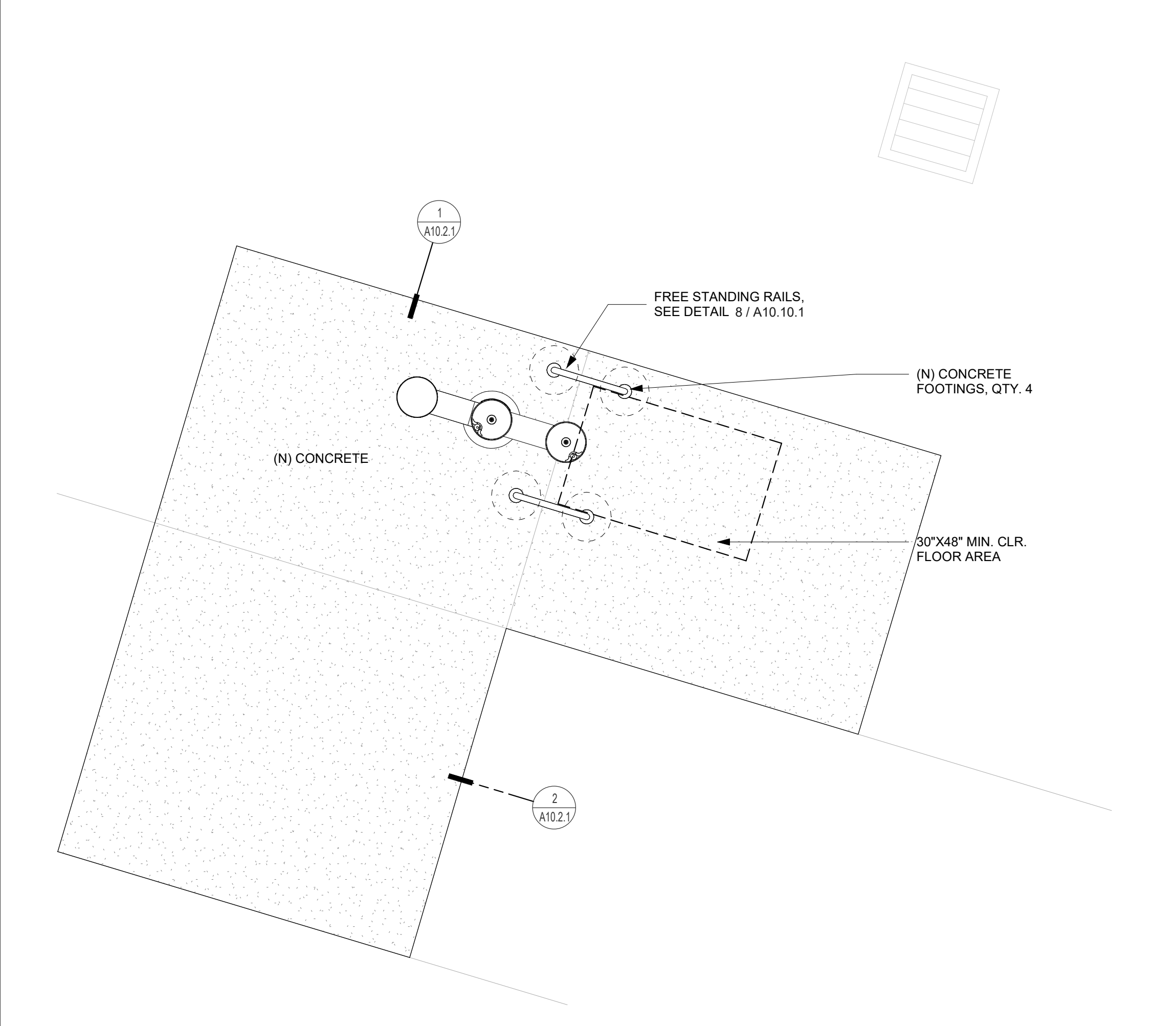
HI-LO EXT. DF WITH BOTTLE FILLER SECTION AND CLEARANCES 3/4" = 1'-0" 6



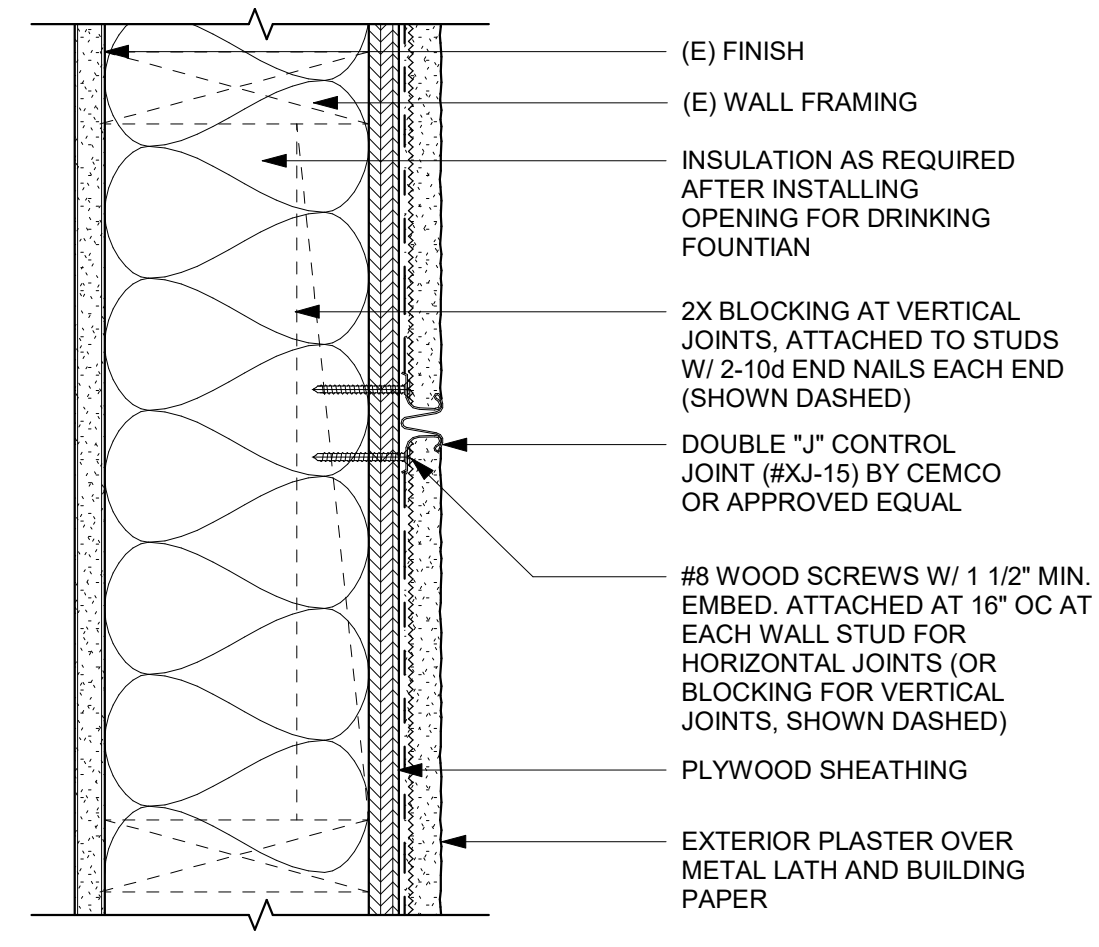
HI-LO EXTERIOR DRINKING FOUNTAIN WITH BOTTLE FILLER 3/4" = 1'-0" 1



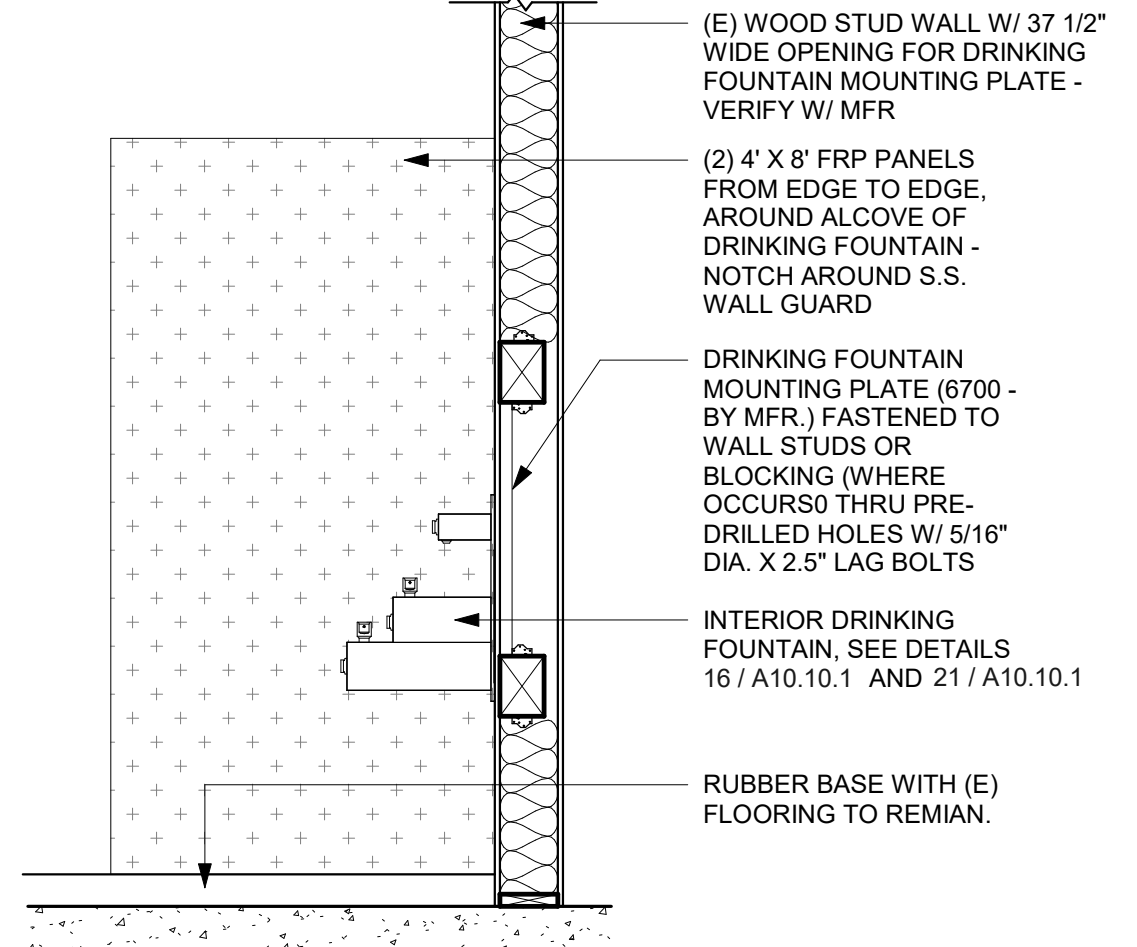
ENLARGED DF PLAN AT BUILDING E 1/2" = 1'-0" 23



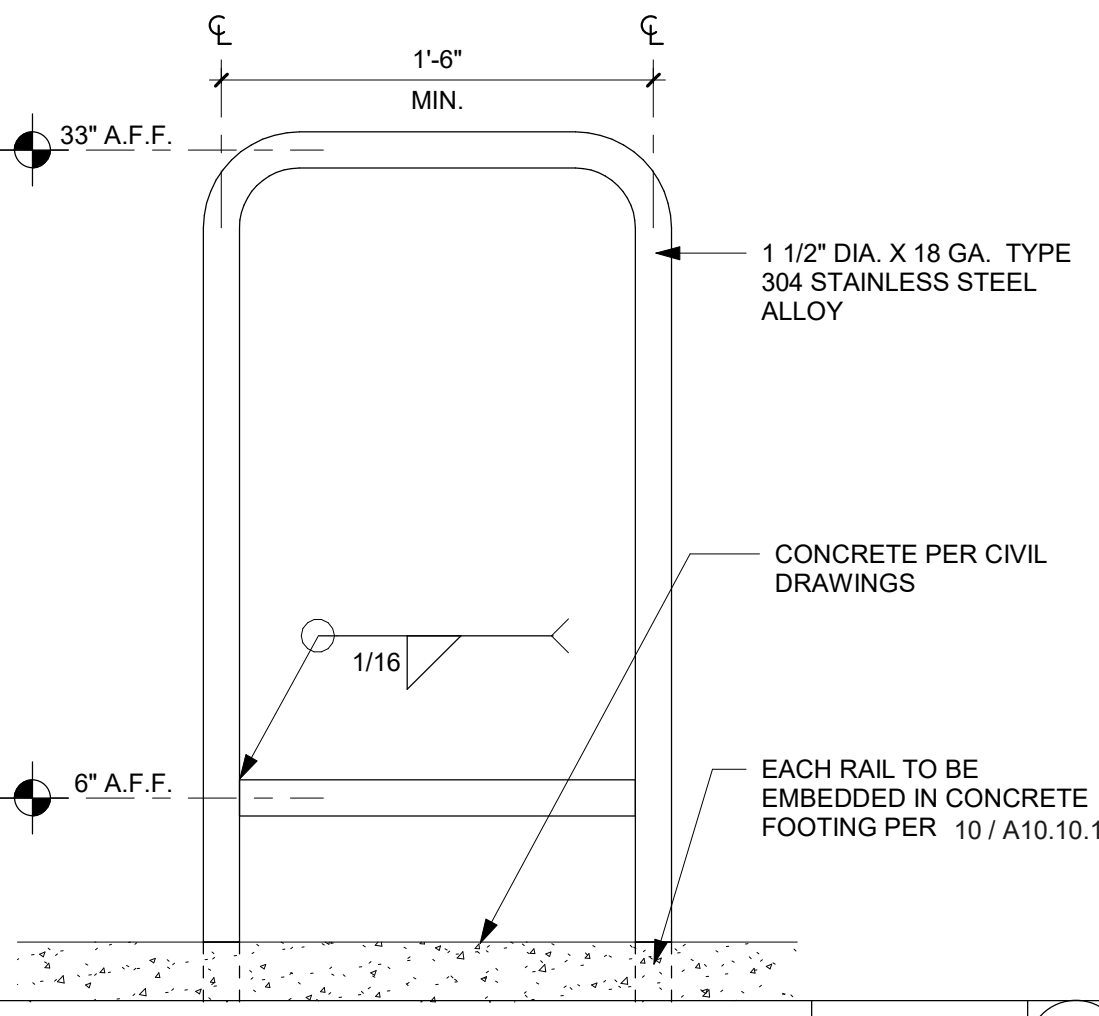
ENLARGED DF PLAN AT BUILDING G1 1/2" = 1'-0" 13



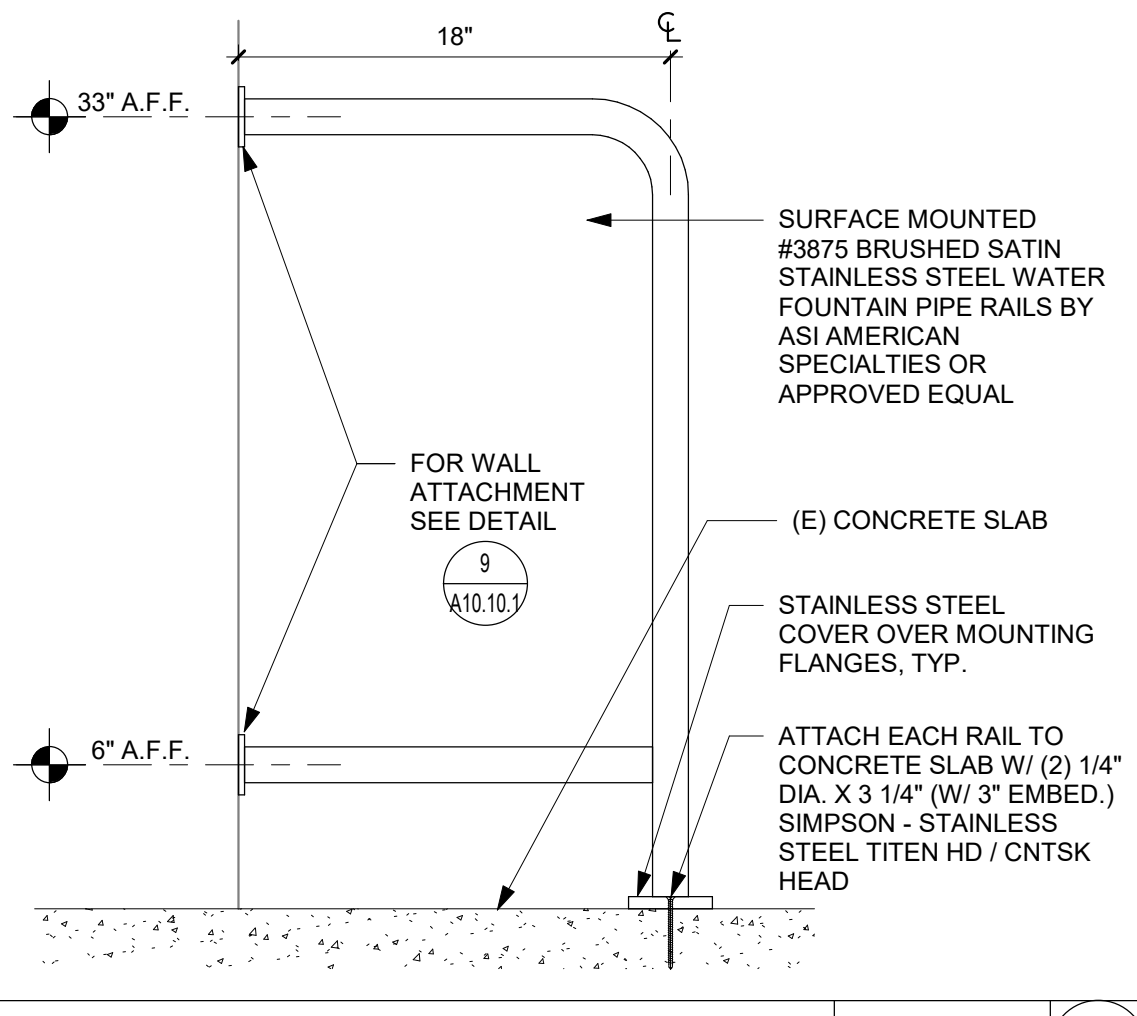
EXTERIOR CONTROL JOINT 3" = 1'-0" 7



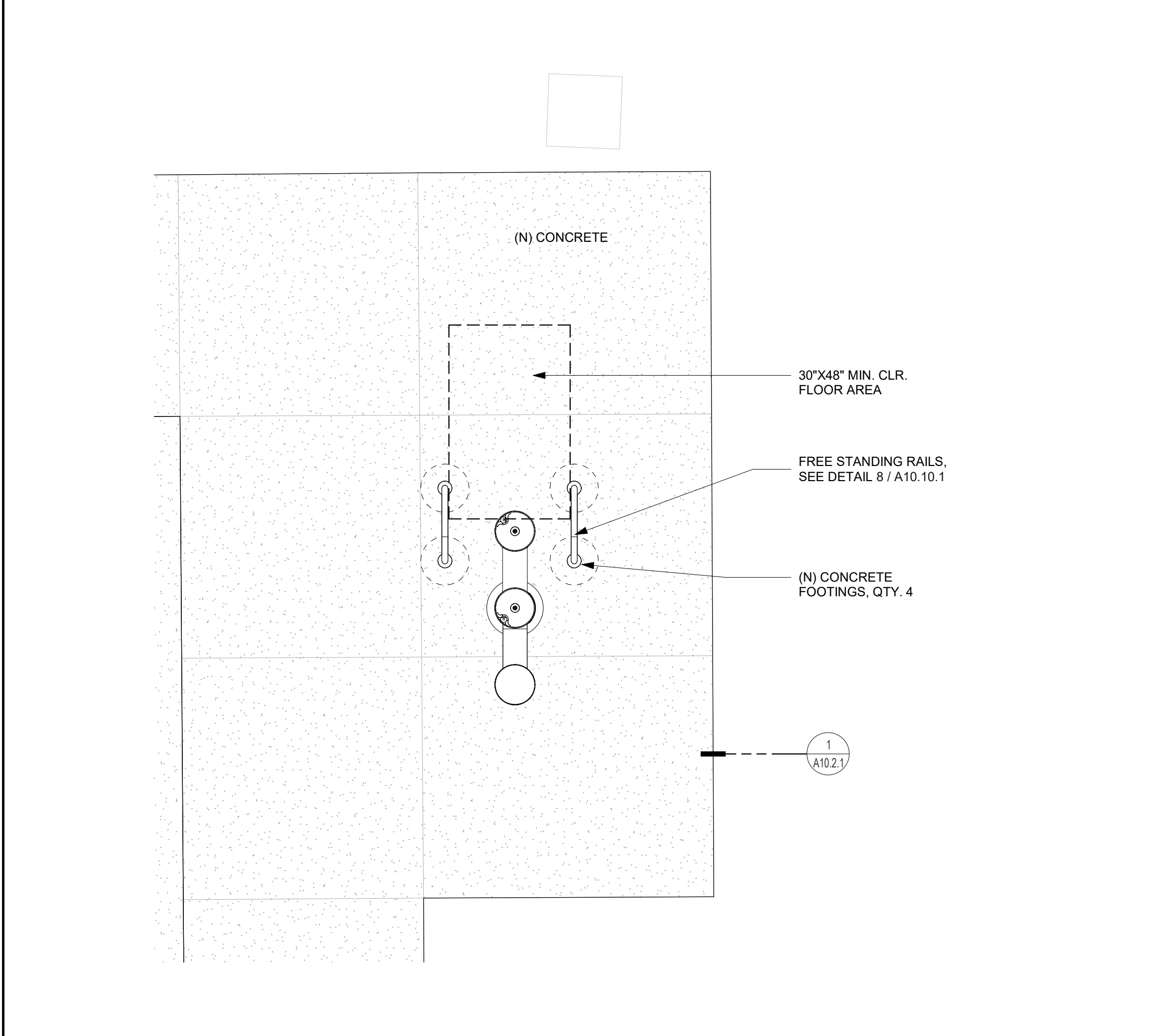
FRP PANEL DETAIL 1/2" = 1'-0" 2



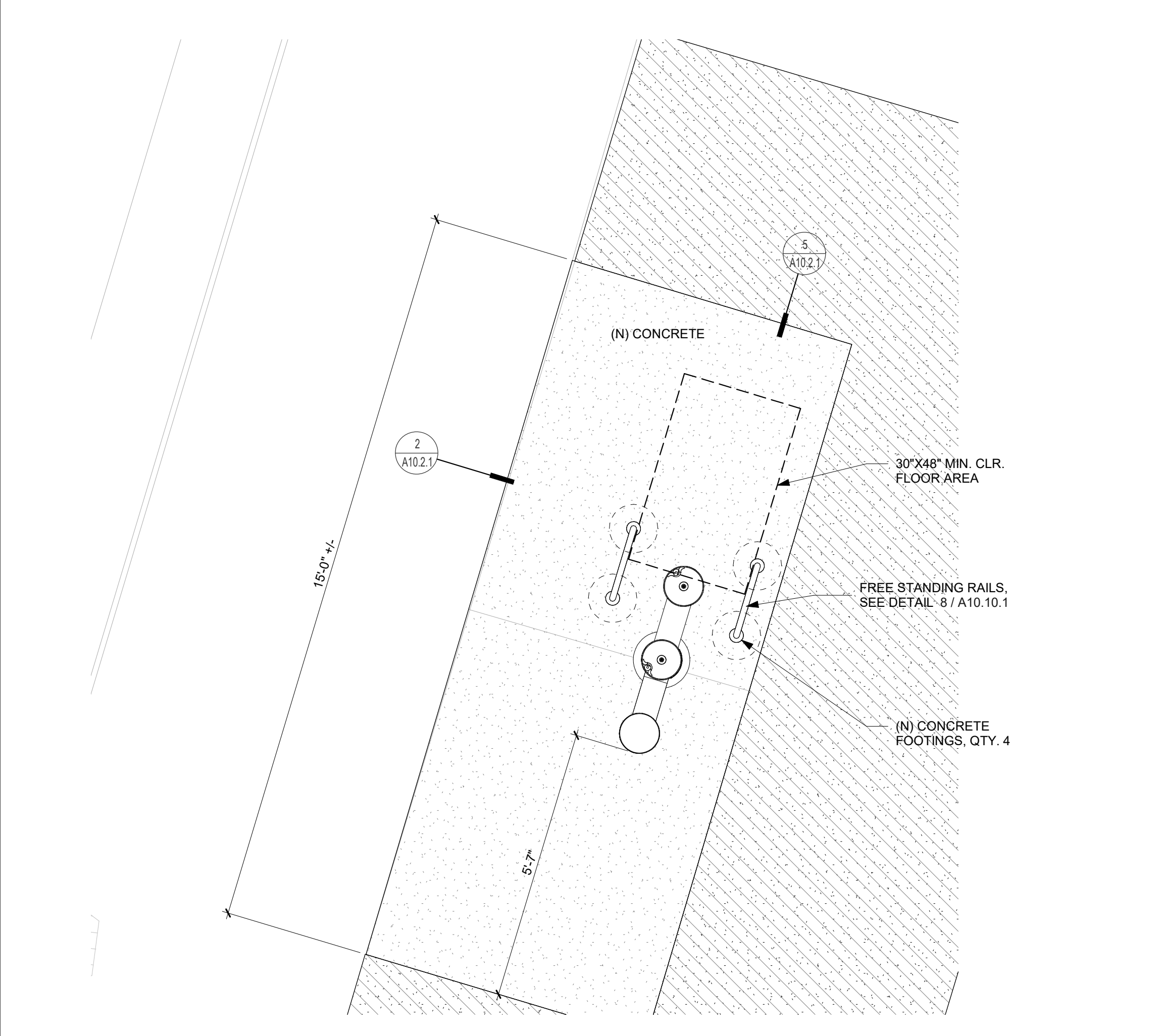
FREESTANDING RAILS 1 1/2" = 1'-0" 8



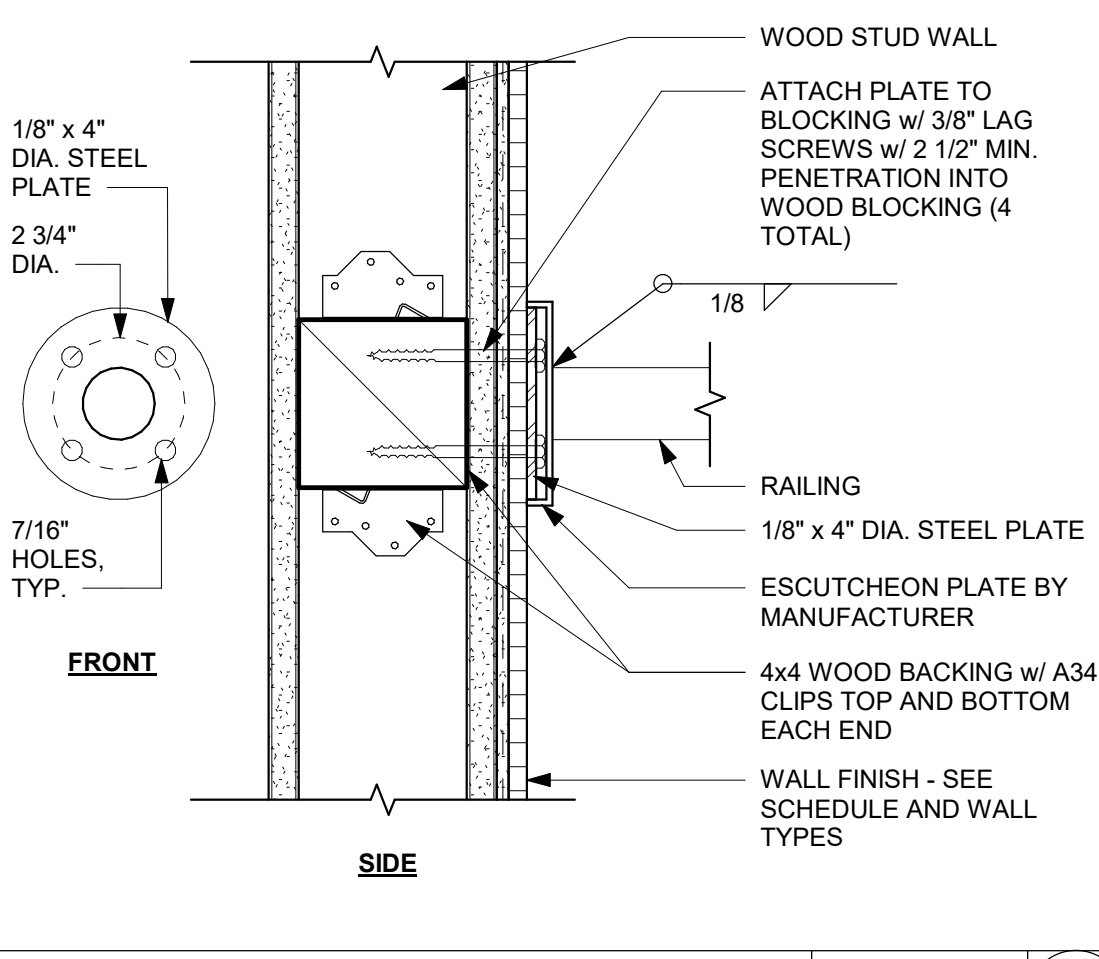
DRINKING FOUNTAIN RAILS 1 1/2" = 1'-0" 3



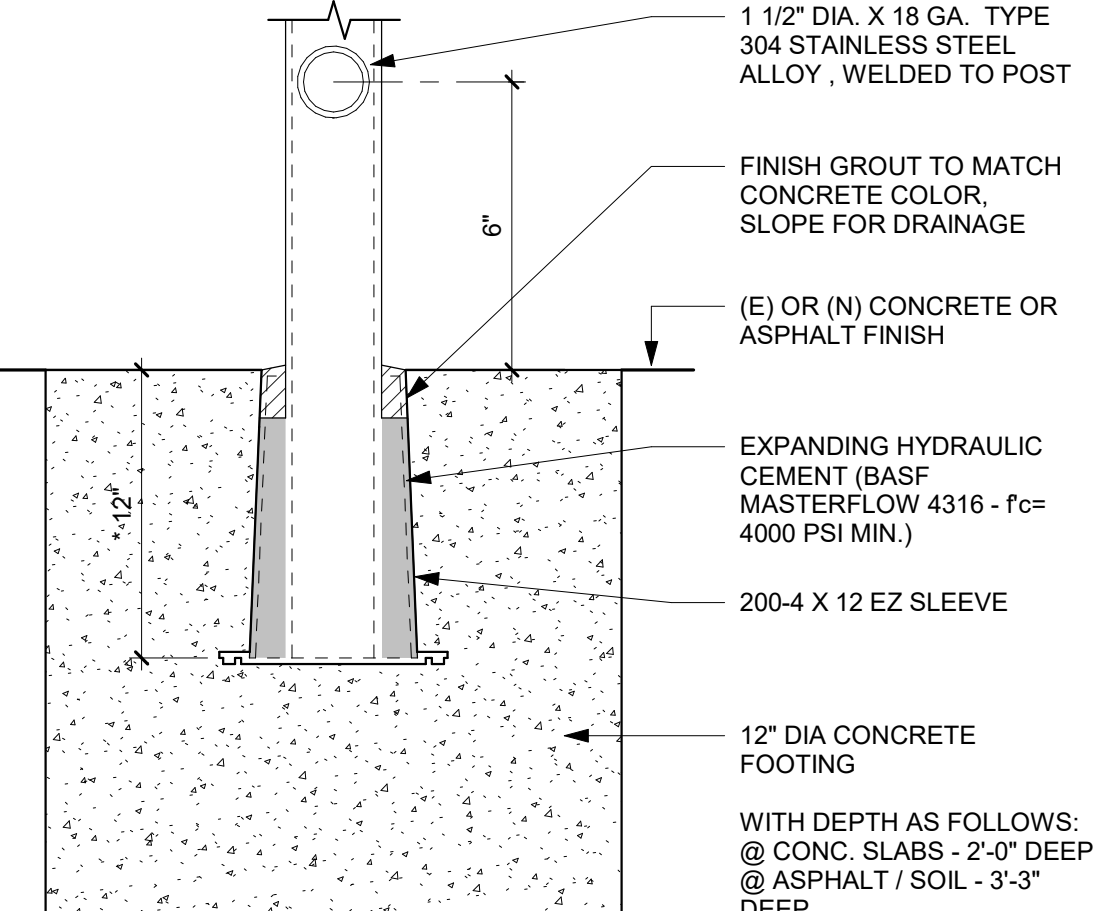
ENLARGED DF PLAN AT PLAYGROUNDS 1/2" = 1'-0" 25



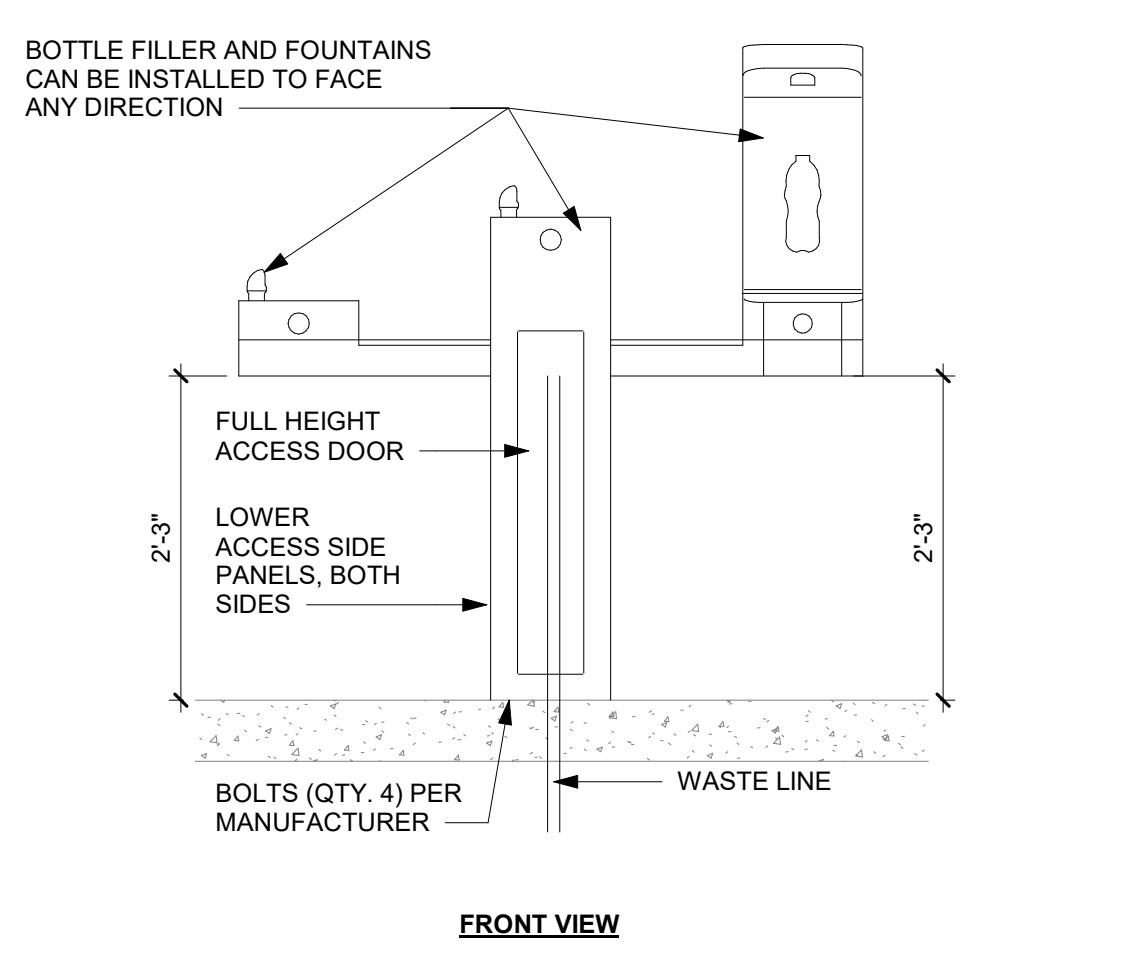
ENLARGED DF PLAN AT BUILDING L 1/2" = 1'-0" 15



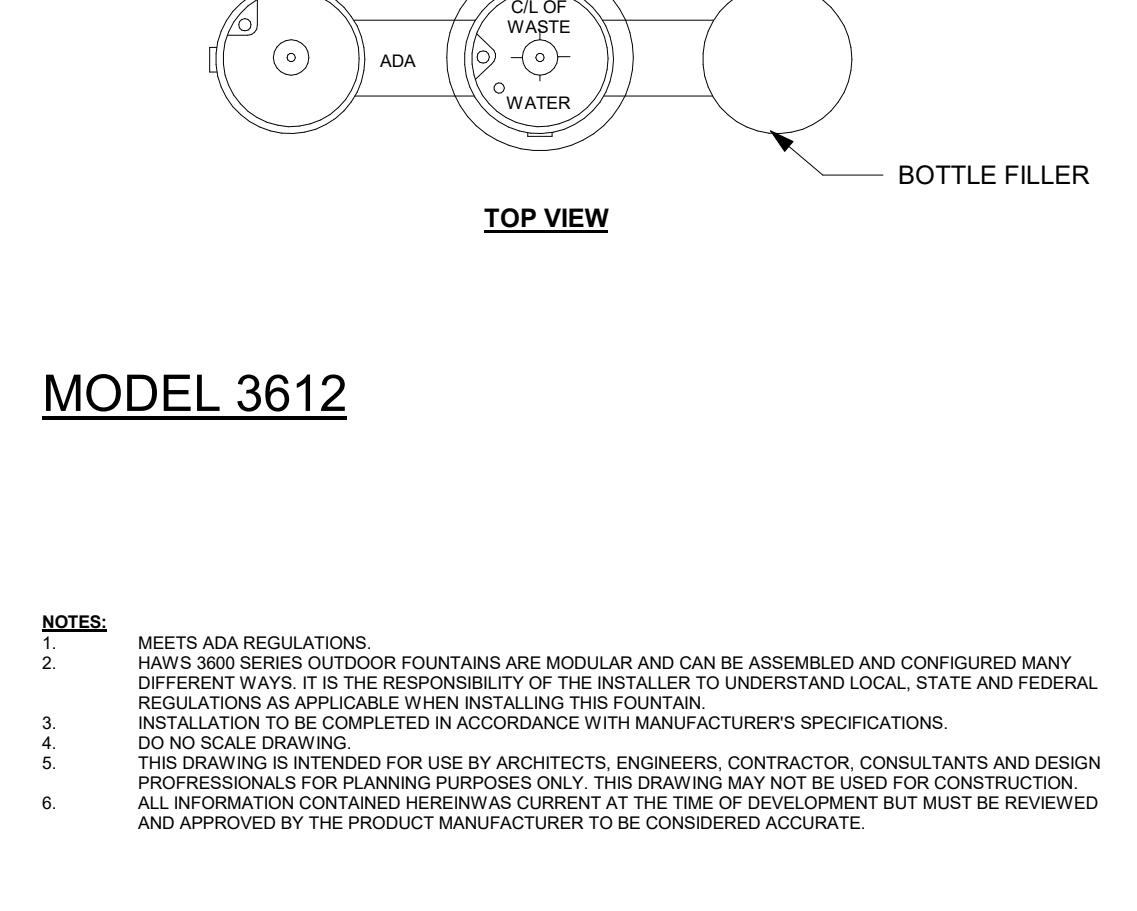
RAILING AT WALL 3" = 1'-0" 9



GUARDRAIL ATTACHMENT 3" = 1'-0" 10



MDF PEDESTAL DRINKING FOUNTAIN AND BOTTLE FILLER 3/4" = 1'-0" 5



MODEL 3612 3/4" = 1'-0" 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122274 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 3/21/2024

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NO.	REMARKS	DATE

DATE: 03/14/2024

Project Number: 22044

Application Number: 02-122274

Drawing Number: A10.10.1

Drawn: Author

Checked: Checker

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

PROJECT STATUS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

SPECIALTIES

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
	R	RECLAIMED WATER PIPE	BT	BATH TUB
	G	LOW PRESSURE NATURAL GAS PIPE	BEL	BELOW
	MPG	MEDIUM PRESSURE NATURAL GAS PIPE	B/F	BELOW FLOOR
	HPG	HIGH PRESSURE NATURAL GAS PIPE	B/G	BELOW GRADE
	LPG	LIQUEFIED PETROLEUM GAS PIPE	B/G	BELOW GRADE
	CD	CONDENSATE DRAIN PIPE	BOP	BOTTOM OF PIPE
	SCD	SECONDARY CONDENSATE DRAIN PIPE	B/S	BELOW SLAB
	PCD	PUMPED CONDENSATE DRAIN PIPE	BTU	BRITISH THERMAL UNIT
	RD	ROOF DRAIN PIPE	CBC	CALIFORNIA BUILDING CODE
	ORD	OVERFLOW ROOF DRAIN PIPE	CEC	CALIFORNIA ELECTRICAL CODE
	CA	COMPRESSED AIR PIPE	CFC	CALIFORNIA FIRE CODE
	FCO	FLOOR CLEAN OUT	CMC	CALIFORNIA MECHANICAL CODE
	GCO	GRADE CLEAN OUT	CPC	CALIFORNIA PLUMBING CODE
	WCO	WALL CLEAN OUT	CI	CAST IRON
	FC	FLEXIBLE CONNECTION	CI	CAST IRON
	SOV	SHUT OFF VALVE	CI	CAST IRON
	GC	GAS COCK	CI	CAST IRON
	CV	CHECK VALVE	CI	CAST IRON
	BV	BALL VALVE	CI	CAST IRON
	PRV	PRESSURE REDUCING VALVE	CI	CAST IRON
	BLV	BALANCING VALVE	CI	CAST IRON
	PTR	PRESSURE AND TEMPERATURE RELIEF VALVE	CI	CAST IRON
	U	UNION	CI	CAST IRON
		CAPPED PIPE	CI	CAST IRON
	CONT	CONTINUED OR CONTINUATION	CI	CAST IRON
	TP	TRAP PRIMER LINE	CI	CAST IRON
	WHA	WATER HAMMER ARRESTOR	CI	CAST IRON
	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER	CI	CAST IRON
	HB	HOSE BIBB	CI	CAST IRON
		PIPE DOWN OR DROP	CI	CAST IRON
		PIPE UP OR RISE	CI	CAST IRON
		VALVE ON DROP	CI	CAST IRON
		VALVE ON RISE	CI	CAST IRON
	T	THERMOMETER	CI	CAST IRON
	AS	AQUASTAT	CI	CAST IRON
	P.O.D.	POINT OF DISCONNECT	CI	CAST IRON
	POC	POINT OF CONNECTION	CI	CAST IRON
	AD, FD	AREA DRAIN OR FLOOR DRAIN	CI	CAST IRON
	FS, RR	FLOOR SINK OR ROOF RECEPTOR	CI	CAST IRON
	VTR	VENT THROUGH ROOF	CI	CAST IRON
	DEMO	DEMOLITION OR DEMOLISH	CI	CAST IRON
	RELO	RELOCATE	CI	CAST IRON
	CIRC PUMP	CIRCULATING PUMP	CI	CAST IRON
	DIA, DIAM	DIAMETER	CI	CAST IRON

PLUMBING GENERAL NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- PROVIDE DIELECTRIC FITTINGS FOR DISSIMILAR METALS IN CONTACT.
- PROVIDE HANGERS AND SUPPORTS FOR PIPING IN ACCORDANCE WITH THE RECOMMENDATIONS OF MSS SP-59-2003.
- PROVIDE VALVES AT THE FOLLOWING LOCATIONS:
 - WATER MAIN SHUT-OFF VALVE IN VALVE BOX.
 - VALVE WITH HOSE CONNECTION ON DOWNSTREAM SIDE OF THE MAIN SHUT-OFF VALVE.
 - 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.
- 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.
- ALL VENT TERMINATIONS AT ROOF SHALL BE AT LEAST 10 FEET AWAY FROM OUTSIDE AIR INTAKES, OPERABLE WINDOWS, AND BUILDING OPENINGS.
- FILL CRACKS BETWEEN FIXTURES AND WALL/FLOORS WITH SILICONE RUBBER SEALANT.
- LOCATE, SIZE, AND INSTALL WATER HAMMER ARRESTERS IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE STANDARD NO. WH-201.
- 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.
- PROVIDE ALL FIXTURE COMPONENTS AS INDICATED ON DRAWINGS. PROVIDE ADDITIONAL COMPONENTS AS PER MANUFACTURER'S RECOMMENDATIONS FOR PROPER OPERATION OF THE FIXTURES.
- PROVIDE EACH PLUMBING FIXTURE (INCLUDING HOSE BIBBS) WITH AN INDIVIDUAL STOP OR COMPRESSION VALVE OF POLISHED CHROME-PLATED LOOSE KEY TYPE.
- WHERE DEPTHS OR INVERTS ELEVATIONS ARE NOT INDICATED, PROVIDE MINIMUM COVERAGE (ABOVE TOP OF PIPES) AS FOLLOWS:
 - ANY PIPING UNDER SLAB (TOP OF PIPE TO UNDERSIDE OF SLAB): 18 INCHES.
 - CAST IRON AND COPPER PIPES IN OTHER LOCATIONS: 18 INCHES.
 - 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 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.
- BACKFILL TO A POINT 12-INCHES ABOVE TOP OF PIPING WITH EARTH (EXCAVATED MATERIAL MAY BE USED) FREE OF CLAY, DEBRIS, RUBBISH, ROCKS, OR CLODS 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.
- DO NOT EXCAVATE UNDER FOUNDATIONS OR FOOTINGS EXCEPT IN MANNER PERMITTED BY THE ARCHITECT. DO NOT BACKFILL UNTIL INSTALLED PIPING HAS BEEN SUCCESSFULLY TESTED.
- VERIFICATION OF WATER AGENCY APPROVAL SHALL BE SUBMITTED TO THE BUILDING AND SAFETY DIVISION PRIOR TO ISSUANCE OF A PLUMBING PERMIT FOR THIS PROJECT.
- ALL PENETRATIONS THRU FIRE RATED ASSEMBLIES SHALL BE PACKED WITH APPROVED FIRE PROOFING. FOR LOCATIONS OF FIRE RATED ASSEMBLIES, SEE ARCHITECTURAL PLANS.
- ROUTE ALL PIPES AS HIGH AS POSSIBLE IN EXPOSED LOCATIONS. COORDINATE ROUTING WITH ALL OTHER TRADES PRIOR TO START OF WORK.
- NO SPRAY FOAM INSULATION SHALL BE APPLIED TO AREAS CONTAINING PEX PIPING.

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

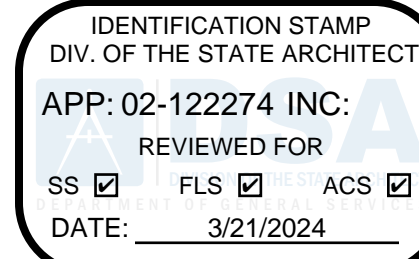
SYMBOL	FIXTURE	MIN. PIPE SIZE				REMARKS
		CW	HW	V	S	
	DRINKING FOUNTAIN W/ BOTTLE FILLER	3/4"	--	--	2"	FREE STANDING 'GROUND MOUNTED' OUTDOOR DRINKING FOUNTAIN 'HAWKS' MODEL 3612, VANDAL RESISTANT, ADA COMPLIANT PEDESTAL MOUNTED BOTTLE FILLER WITH 1 GPM FLOW AND HIGH-LOW DRINKING FOUNTAIN WITH HEAVY 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 'HAWKS' 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

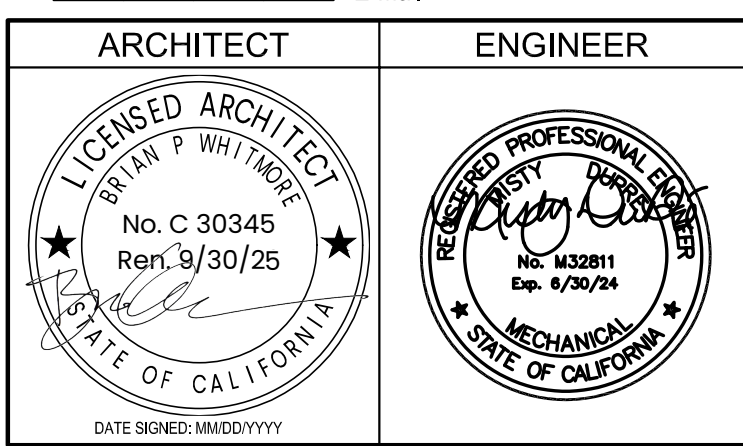
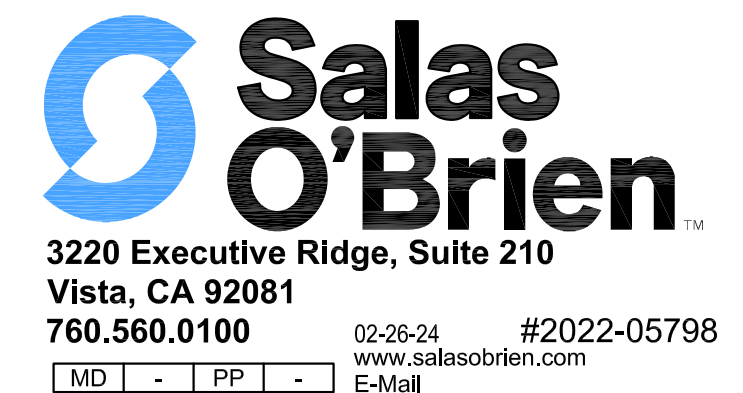
- ALL PLUMBING SYSTEM COMPONENTS SHALL MEET OR EXCEED THE REQUIREMENTS OF CURRENT CBC, CMC, CPC, NEC, NFPA, ASTM, ANSI, AND ALL LOCAL AND STATE CODE REQUIREMENTS. (SEE BELOW)
- ALL PLUMBING EQUIPMENT LISTED IN OF THE 2022 CALIFORNIA CODE OF REGULATIONS (CCR), TITLE-24, PART 6, SECTION 110.3 ENERGY EFFICIENCY STANDARDS MUST BE CERTIFIED BY THE MANUFACTURER TO MEET OR EXCEED SPECIFICATIONS OR EFFICIENCIES ADOPTED BY THE CEC.
- 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.
- 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.
- ALL PIPING EXPOSED TO WEATHER SHALL BE METALLIC.
- ALL FERROUS PIPING EXPOSED TO WEATHER SHALL BE GALVANIZED AND PAINTED.
- ALL PIPES, FITTINGS AND FIXTURES USED TO CONVEY POTABLE WATER SHALL BE LEAD FREE IN COMPLIANCE WITH CPC SECTION 604.2.
- ALL FIXTURES REQUIRED TO BE ACCESSIBLE SHALL BE INSTALLED AS PER THE LATEST REQUIREMENTS OF TITLE 24 AND ADA (AMERICANS WITH DISABILITIES ACT).
- CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
- 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.
 - AT THE TIME OF FILL, EACH NEW PLUMBING FIXTURE SHALL HAVE A REMOVABLE TAG APPLIED STATING:
 - 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 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.
 - 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.
 - 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.
- 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 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



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NO.	REMARKS	DATE

DATE

DRAWING STATUS

☐ DSA PLAN CHECK

☐ DSA BACK CHECK

☐ BIDDING

☐ CONSTRUCTION

KEY PLAN

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

PROJECT STATUS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

PLUMBING LEGEND AND GENERAL NOTES

Date MM/DD/YYYY

Application Number XX-XXXXXX

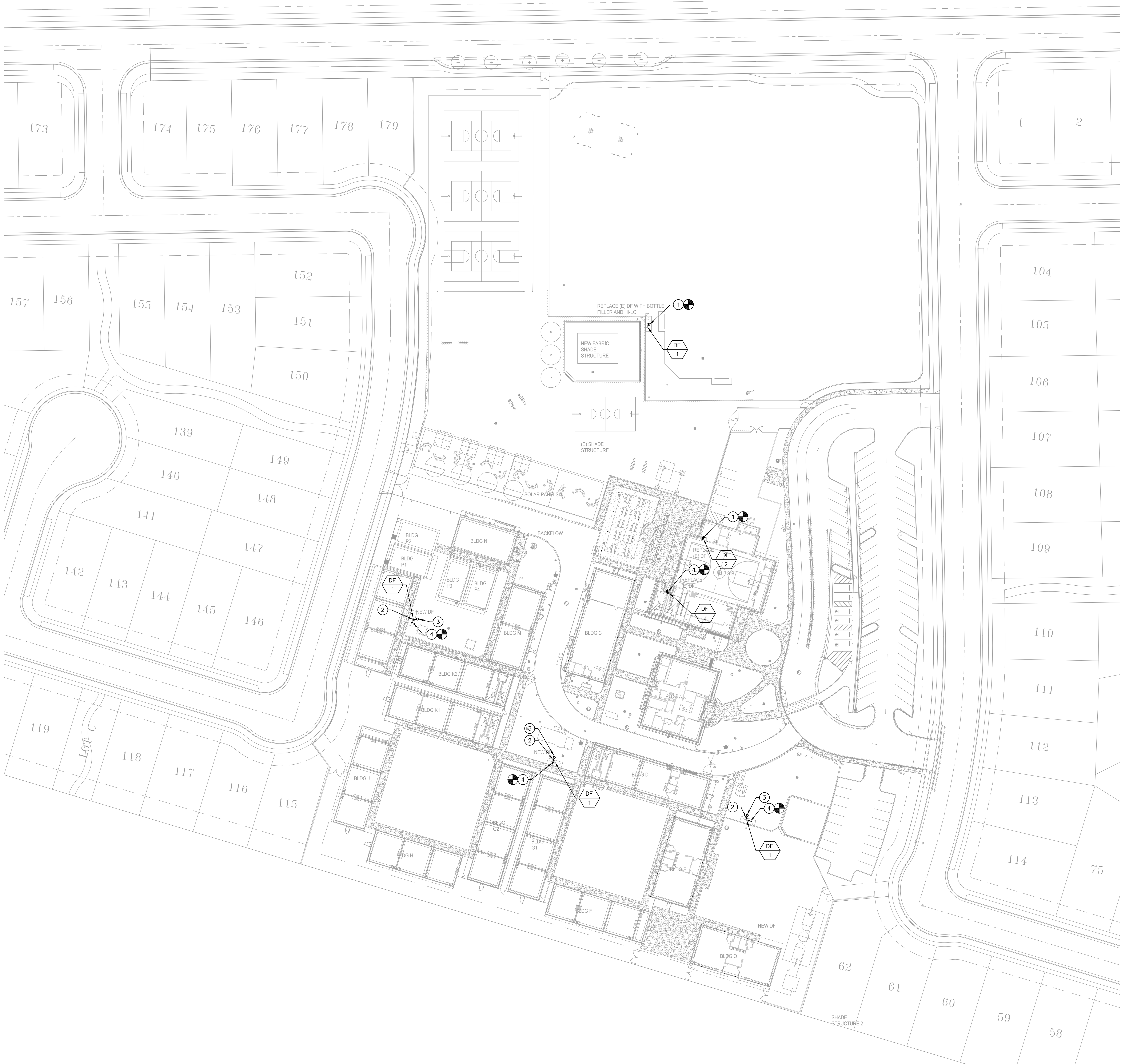
Drawn PP

Checked

Project Number 22044

Drawing Number

P0.1



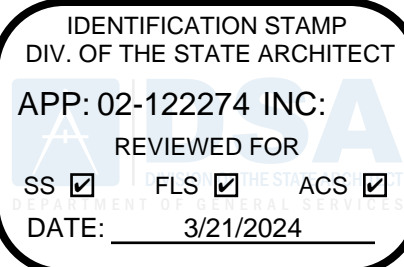
GENERAL NOTES

- 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.

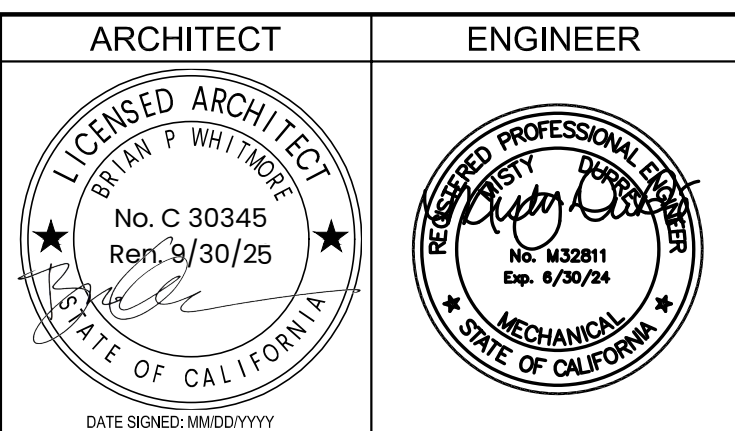
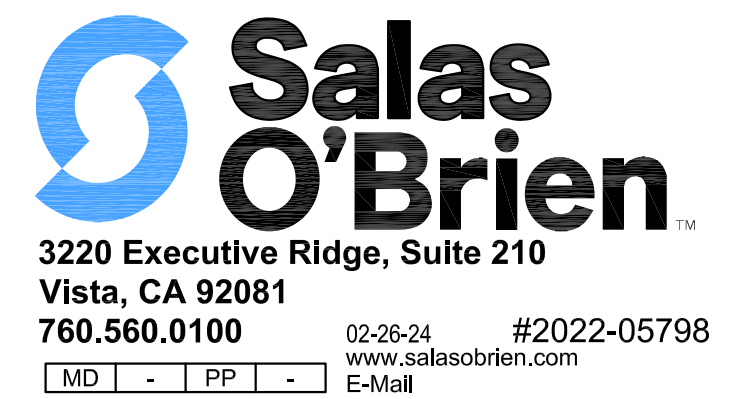
KEY NOTES

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. REFER TO CIVIL PLAN FOR DETAIL.
4. CONNECT 3/4" CW TO 1" CW BELOW GRADE PER CIVIL PLANS.

DSA STAMP



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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
WEST SACRAMENTO, CA 95691

PROJECT STATUS

WUSD STONEGATE ES
ESSR III
2500 LA JOLLA STREET
WEST SACRAMENTO, CA 95691

PLUMBING SITE PLAN

Date MM/DD/YYYY	Project Number 22044
Application Number XX-XXXXXX	Drawing Number P1.1
Drawn PP	Checked SO

DESIGN CRITERIA	
DESCRIPTION	DESIGN VALUES
BASE LOCATION LOCATED AT BOTTOM OF BASE PLATE TOP OF FOOTING	
DEAD AND LIVE LOADS	
ROOF LIVE LOAD	20 PSF
ROOF DEAD LOAD (SUPERIMPOSED ON FRAME)	5 PSF MAX
ROOF PANEL DEAD LOAD	M=1.1 PSF, G = 1.2 PSF, S = 1.3 PSF
COLLATERAL DEAD LOAD	M = 3.9 PSF, G = 3.8 PSF, S = 3.7 PSF
ROOF LIVE LOAD, L_r	
	20 PSF
ROOF SNOW LOAD	
GROUND SNOW LOAD, P_g	20 PSF
RISK CATEGORY	II
ROOF SNOW LOAD: SLOPED, P_s	20 PSF
FOR SNOW LOAD CONDITIONS ONLY - SITE APPLICATION REVIEWER SHALL VERIFY THE STRUCTURE SHALL BE LOCATED AT LEAST 20 FEET FROM ANY ADJACENT STRUCTURE FOR SNOW DRIFT.	
SNOW LOAD SLOPE FACTOR, C_e	1.0
SNOW LOAD EXPOSURE FACTOR, C_e	1.0
SNOW LOAD IMPORTANCE FACTOR, I_s	1.0
THERMAL FACTOR, C_t	1.2
LOWEST ANTICIPATED SERVICE TEMPERATURE	30°
WIND DESIGN	
BASIC WIND SPEED (3 SECOND GUST), V_{ult} , V_{avg}	100 MPH, 76 MPH
RISK CATEGORY	II
EXPOSURE CATEGORY	C
FACTORS: K_d , K_z , K_e	0.85, 1.0, 0.85
$q_h = 0.00256 K_d K_z K_e V^2$	18.50 PSF
C_{dw} PER ASCE FIGURE 27.3-5 ROOF ANGLE 18.43° - CLEAR / OBSTRUCTED	CASE A (1.1 / -1.2) CASE B (0.01 / -0.69)
C_{de} PER ASCE FIGURE 27.3-5 ROOF ANGLE 18.43° - CLEAR / OBSTRUCTED	CASE A (-0.17 / -1.09) CASE B (-0.96 / -1.65)
C_{di} PER ASCE FIGURE 27.3-7 PARALLEL TO RIDGE - CLEAR / OBSTRUCTED (< h)	CASE A (-0.8 / -1.2) CASE B (0.8 / 0.5)
C_{di} PER ASCE FIGURE 27.3-7 PARALLEL TO RIDGE - CLEAR / OBSTRUCTED (> h, < 2h)	CASE A (-0.6 / -0.9) CASE B (0.5 / 0.5)
C_{di} PER ASCE FIGURE 27.3-7 PARALLEL TO RIDGE - CLEAR / OBSTRUCTED (> 2h)	CASE A (-0.3 / -0.6) CASE B (0.3 / 0.3)
COMPONENTS & CLADDING - C_{cl} (PRESSURE/SUCTION) CLEAR / OBSTRUCTED	ZONE 3 - (2.29 / -2.11) / (1.0 / -3.0) ZONE 2 - (1.77 / -1.63) / (0.8 / -2.3) ZONE 1 - (1.15 / -1.05) / (0.5 / -1.5)
SEISMIC DESIGN	
LATERAL FORCE RESISTING SYSTEM	STEEL - ORDINARY CANTILEVER COLUMN
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE
SEISMIC IMPORTANCE FACTOR, I_e	1.0
SEISMIC SITE CLASS	D
W_{CE} , SPECTRAL RESPONSE ACCELERATION @ 0.2 s, S_{CE}	2.60
W_{CE} , SPECTRAL RESPONSE ACCELERATION @ 0.2 s, S_1	0.90
SHORT PERIOD SITE COEFFICIENT, F_a	1.20
LONG PERIOD COEFFICIENT, F_v	1.70
FUNDAMENTAL PERIOD OF THE STRUCTURE, T (WORST CASE FOR ALL STRUCTURES)	0.152 s
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD, S_{DS}	2.08 <input type="checkbox"/>
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD, S_{DS} - USED TO DETERMINE C_s (WITH CAP PER ASCE 7 12.8.1.3) SOIL PROPERTIES MAY NOT BE CLASSIFIED AS SITE CLASS E	2.08 * 0.70 = 1.456 <input type="checkbox"/>
DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-s PERIODS, S_{D1}	1.02
SEISMIC DESIGN CATEGORY	E
SITE SPECIFIC RESPONSE ANALYSIS NOT REQUIRED PER ASCE 7 11.4.8 EXCEPTION 2	$T_n = 0.49$ s <input type="checkbox"/> $T < 1.5 * T_n$
RESPONSE MODIFICATION FACTOR, R	1.25
OVERSTRENGTH FACTOR, Ω	1.25
REDUNDANCY FACTOR, ρ	1.3
HORIZONTAL OR VERTICAL IRREGULARITIES	NONE
SEISMIC RESPONSE COEFFICIENT, C_u (20° WIDE, 30° WIDE, 40° WIDE)	1.16 <input type="checkbox"/> 1.00 <input type="checkbox"/> 1.00 <input type="checkbox"/>
DESIGN BASE SHEAR, V (20° WIDE, 30° WIDE, 40° WIDE)	12.73 PSF <input type="checkbox"/> 13.41 PSF <input type="checkbox"/> 14.65 PSF <input type="checkbox"/>
ALLOWABLE SOIL BEARING FOR FOUNDATIONS	VARIABLES - SEE FOUNDATION CHARTS
FLOOD DESIGN - DESIGN IS ASSUMED TO NOT BE IN FLOOD HAZARD AREA	
IF PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED & SIGNED FROM A SOILS ENGINEER IS REQUIRED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED.	

STRUCTURAL SEPARATION		DEFLECTIONS ARE FOR (I) STRUCTURE		
ALL DEFLECTIONS SHOWN ALSO INCLUDE THE P-DELTA ROTATION PER IRC-7		SOIL CLASSES PER CBC TABLE 1806A.2		
MAXIMUM DRIFT $\delta_{h\max}$	SIDE COLUMNS	Soil Class 5	Soil Class 4	Soil Class 3
20° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.40	[] 2.55	[] 2.65
30° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.15	[] 2.30	[] 2.40
40° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.20	[] 2.20	[] 2.30
MINIMUM SEPARATION ($\delta_m = C_d \delta_{h\max}$) $C_d = 1.25$				
20° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 3.00	[] 3.19	[] 3.31
30° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.69	[] 2.88	[] 3.00
40° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.75	[] 2.75	[] 2.88
MAXIMUM DRIFT $\delta_{m\max}$	END COLUMNS	Soil Class 5	Soil Class 4	Soil Class 3
20° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.40	[] 2.55	[] 2.65
30° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.15	[] 2.30	[] 2.40
40° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.20	[] 2.20	[] 2.30
MINIMUM SEPARATION ($\delta_m = C_d \delta_{m\max}$) $C_d = 1.25$				
20° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 3.00	[] 3.19	[] 3.31
30° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.69	[] 2.88	[] 3.00
40° WIDE (8° EAVE HT, 10° EAVE HEIGHT, 12° EAVE HT)	(INCHES)	[] 2.75	[] 2.75	[] 2.88

INSTRUCTIONS FOR ARCHITECTS SUBMITTING THESE PRE-CHECKED DRAWINGS TO DSA:

BEFORE SUBMITTING THESE PRE-CHECKED DRAWINGS FOR YOUR PROJECT, FOLLOW THE STEPS BELOW TO PROPERLY DEFINE THE APPROVED OPTIONS:

STEP 1: SELECT FRAME DIMENSIONS FOR YOUR PROJECT
-HP STRUCTURES UP TO 20' WIDE USE THE "RH 20" BASE FRAME
-HP STRUCTURES UP TO 30' WIDE USE THE "RH 30" BASE FRAME
-HP STRUCTURES UP TO 40' WIDE USE THE "RH 40" BASE FRAME
-MAXIMUM WIDTH IS 40' (SEE "ARCHITECTURAL VIEWS" SHEET FOR REFERENCE)
-THE 24", 44", 64", 84" AND 104" LENGTHS ARE SUGGESTED BECAUSE THEY ARE THE MOST COMMON (20" BAYS ARE THE MOST ECONOMIC)
-FRAME LENGTHS ASSUME 2" OVERHANDS (UNO BY ARCHITECT - 2" MAX DIMENSION)

STEP 1	FRAME DIMENSIONS					
	SUGGESTED					OTHER
	FRAME WIDTH	[] 20'	[X] 30'	[] 40'		[] (40' MAX)
	FRAME LENGTH	[] 44'	[X] 64'	[] 84'	[] 104'	[] (NO MAX)

STEP 2: SELECT ROOF DECK FOR YOUR PROJECT
- "M" REPRESENTS MCLEOD METAL "MULTI-RIB" ROOF PANEL
- "G" REPRESENTS MCLEOD METAL "MEGA-RIB" ROOF PANEL
- "S" REPRESENTS MCLEOD METAL "MEDALLION-LOCK" 16" STANDING SEAM ROOF PANEL

STEP 2	ROOF PANEL			
	ROOF PANEL TYPE	[] M	[] G	[X] S

STEP 3: IDENTIFY THE S_s ACCELERATION (g) FOR YOUR PROJECT
- S_s VALUE DETERMINES THE REQUIRED SEISMIC DESIGN FORCES
- S_s VALUE DEPENDS ON THE PROJECT'S GEOGRAPHICAL LOCATION (VALUES RANGE FROM 0.00 TO 3.73)
- FIND S_s VALUES FOR YOUR PROJECT ON THE USGS WEBSITE (SEARCH INTERNET FOR "USGS SEISMIC DESIGN MAPS")

STEP 3	PROJECT SITE - S_s ACCELERATION (g)
	0.598

STEP 4: IDENTIFY THE S_s REGION FOR YOUR PROJECT
- THE REGIONS ARE DEPENDANT ON THE S_s VALUE DETERMINED IN STEP 3
- THE S_s REGION DICTATES THE MAXIMUM DEAD LOAD PERMITTED ON THE FRAME

STEP 4	S_s REGION		
	S_s REGIONS		MAX DEAD LOAD
	DESCRIPTION		
		$0 < S_s \leq 2.14$	5 PSF
		$2.14 < S_s \leq 2.50$	9 PSF
		$2.50 < S_s \leq 2.60$	9 PSF

STEP 5: IDENTIFY THE ROOF DEAD LOAD FOR YOUR PROJECT
- THE ROOF DEAD LOAD WILL ALWAYS BE INCLUDED
- THE COLLATERAL LOAD REPRESENTS ADDITIONAL LOAD THAT CAN BE SUPPORTED BY THE FRAME
- BE SURE THE TOTAL ROOF DEAD LOAD FOR YOUR PROJECT IS LESS THAN OR EQUAL TO THE MAX DEAD LOAD SHOWN IN STEP 4 FOR YOUR S_s VALUE
- S_{ds} VALUE USED IN CALCULATION IS THE CAPPED S_{ds} (SEE DESIGN CRITERIA)

STEP 5	TOTAL ROOF DEAD LOAD		
	DEAD LOAD	EXAMPLES	
	ROOF DECK	1.3 PSF	M=1.1PSF; G=1.2PSF; S=1.3PSF (SEE STEP 2)
	COLLATERAL	0 PSF	LIGHTNING/FIRE SUPPRESSION/SOLAR PANELS, ETC.
	TOTAL	1.3 PSF	ADD ROOF DECK AND COLLATERAL LOADS (MAX 9 PSF)

STEP 6: IDENTIFY THE FOUNDATION REQUIREMENTS FOR YOUR PROJECT
- IDENTIFY SOIL CLASS FOR PROJECT SITE PER SITE SPECIFIC SOIL CONDITIONS
- USE THIS TO SELECT CORRECT FOUNDATION SIZE ON FOUNDATION SHEET

STEP 6	FOUNDATION REQUIREMENTS		
	[] GEOTECHNICAL REPORT NOT REQUIRED		[] GEOTECHNICAL REPORT REQUIRED
	SOIL CLASS 5 (BEARING) 1500 PSF [X]	SOIL CLASS 4 (BEARING) 2000 PSF []	SOIL CLASS 3 (BEARING) 3000 PSF []
	SOIL CLASS 5 (LATERAL BEARING) 200 PSF/FT	SOIL CLASS 5 (LATERAL BEARING) 300 PSF/FT	SOIL CLASS 5 (LATERAL BEARING) 400 PSF/FT
	COHESION 130 PSF	FRICTION COEFFICIENT 0.25	FRICTION COEFFICIENT 0.30

- SELECT & VERIFY MINIMUM SEPARATION DISTANCE BETWEEN STRUCTURES

STEP 7: SELECT MISCELLANEOUS OPTIONS FOR YOUR PROJECT
- MAXIMUM CLEAR HEIGHT IS 12'-0" (SEE "ARCHITECTURAL VIEWS" SHEET FOR REFERENCE)
- MARK UP PC DRAWINGS WITH SIZE AND LOCATION OF CUTOUTS BEFORE SUBMITTING TO DSA

STEP 7	MISCELLANEOUS		
	DESIGN OPTIONS		
	CLEAR HEIGHT	[] 8' [X] 10' [] 12' MAX	
	ELECTRICAL CUTOUTS	[] YES	[X] NO
	GUTTERS	[X] YES	[] NO

STEP 8: SELECT APPLICABLE SHEET INDEX FOR YOUR PROJECT
- REFERENCE THE BASE FRAME (STEP 1) AND THE ROOF PANEL TYPE (STEP 2)
- IDENTIFY THE APPLICABLE SHEET INDEX

STEP 8		SHEET INDEX											
		BASE FRAME			RH 20			RH 30			RH 40		
		ROOF PANEL TYPE	M	G	S	M	G	S	M	G	S	M	G
SELECT ONE		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
GENERAL NOTES		LS1.0	LS1.0	LS1.0	LS1.0	LS1.0	LS1.0	LS1.0	LS1.0	LS1.0	LS1.0	LS1.0	LS1.0
FOUNDATION PLAN		LS2.0	LS2.0	LS2.0	LS3.0	LS3.0	LS3.0	LS4.0	LS4.0	LS4.0	LS4.0	LS4.0	LS4.0
FRAMING PLAN		LS2.1	LS2.1	LS2.1	LS3.1	LS3.1	LS3.1	LS4.1	LS4.1	LS4.1	LS4.1	LS4.1	LS4.1
FRAME CONNECTION DETAILS		LS2.1	LS2.1	LS2.1	LS3.1	LS3.1	LS3.1	LS4.1	LS4.1	LS4.1	LS4.1	LS4.1	LS4.1
ROOFING LAYOUT & DETAILS		LS2.2	LS2.2	LS2.2	LS3.2	LS3.2	LS3.2	LS4.2	LS4.2	LS4.2	LS4.2	LS4.2	LS4.2
DSA 103 EXAMPLE		LS2.2	LS2.2	LS2.2	LS3.2	LS3.2	LS3.2	LS4.2	LS4.2	LS4.2	LS4.2	LS4.2	LS4.2
MISC DESIGN OPTIONS		LS5.0	LS5.0	LS5.0	LS6.0	LS6.0	LS6.0	LS7.0	LS7.0	LS7.0	LS7.0	LS7.0	LS7.0
-													
-													
-													

STEP 9: INCLUDE APPLICABLE SHEETS WITH YOUR DSA SUBMITTAL
- INCLUDE "MISC DESIGN OPTIONS" SHEET FOR PROJECTS WITHOUT ELECTRICAL CUTOUTS OR GUTTERS

STEP 10: IDENTIFY PROJECT NAME AND LOCATION	PROJECT NAME:	SCHOOL DISTRICT:
	STONEGATE ELEMENTARY SCHOOL	WASHINGTON UNIFIED SCHOOL DISTRICT

STEP 11: CROSS OUT EXAMPLE 103 FORMS & INCORPORATE REQUIRED SPECIAL INSPECTIONS 103 FORMS THAT ARE PROJECT SPECIFIC

SITE SPECIFIC PARAMETERS
INSTRUCTIONS: DESIGN PROFESSIONAL SHALL CHECK THE APPROPRIATE SELECTION BOXES BELOW AND ENTER THE DESIGN PARAMETERS APPLICABLE TO THE SPECIFIC PROJECT SITE

SNOW
 $S_s = 0$ psf
 $R = 0$ psf
 $C_e = 0$ psf

WIND
 $V = 95$ mph < 150 mph

$I_{st} = 1.0$ ☐

EXPOSURE: cX ☐ d ☐

SEISMIC
[X] DESIGN BASED ON SITE CLASS D
NO GEOTECHNICAL INVESTIGATION REQUIRED
 $S_s = 0.598$ $F_a = 1.2$

[] DESIGN BASED ON SITE CLASS D
GEOTECHNICAL INVESTIGATION PROVIDED

SITE CLASS: c ☐ d ☐ e ☐

$S_s =$ $F_a =$ PER ASCE 7-16 SUPPL 3, TABLE 11.4-1

[] DESIGN BASED ON SITE SPECIFIC GROUND MOTION HAZARD ANALYSIS
PER CHAPTER 21 OF ASCE 7-16
SHORT-PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S_{ds} , SHALL BE AS SPECIFIED IN GEOTECHNICAL INVESTIGATION

CGS APPROVAL REQUIRED
NOT ELEGIBLE FOR OTC REVIEW

SITE CLASS: c ☐ d ☐ e ☐

$S_{ds} = F_a S_s = 0.598$ ($S_{ds} = 2.08$ USED IN DESIGN, CONSERVATIVE)

[] SITE CLASS D OR D-1 $S_{ds} = 0.7$ $F_a = 0.7$ $C_{s1} = 1.0$ USED IN DESIGN

[] SITE CLASS E $S_{ds} = 0.7$ $F_a = 0.7$ $C_{s1} = 1.0$ USED IN DESIGN

SEISMIC DESIGN CATEGORY: D ☒ X ☐ E ☐

*SITE SPECIFIC S_{ds} VALUE BEFORE APPLYING REDUCTION
ALLOWED BY ASCE 7 SECTION 12.8.1.3

ABBREVIATIONS:

	ACI	AMERICAN CONCRETE INSTITUTE	MPH	MILES PER HOUR
ASCC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	M	MULTI-RIB ROOF PANEL (MCLEOD)	
ASM	ASSEMBLY (INTERNAL REFERENCE)	NTS	NOT TO SCALE	
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NO	NUMBER	
AWS	AMERICAN WELDING SOCIETY	OC	ON CENTER	
CBC	CALIFORNIA BUILDING CODE	OSHA	OCCUPATIONAL HEALTH AND SAFETY ADMIN	
CJP	COMPLETE JOINT PENETRATION	PCF	POUNDS PER CUBIC FOOT	
CLR	CLEAR	PJ	PRETENSIONED JOINT	
DEG	DEGREE	PLCS	PLACES	
DIA	DIAMETER	PLT	PLATE	
DM	DIMENSION	PSF	POUNDS PER SQUARE FOOT	
DSA	DIVISION OF THE STATE ARCHITECT	PSI	POUNDS PER SQUARE INCH	
EQ	EQUAL	QTY	QUANTITY	
FT	FEET	REF	REFERENCE	
GA	GAGE	SQ	SQUARE	
IN	INCHES	SS	STANDING SEAM ROOF PANEL (MCLEOD)	
KSI	KIPS PER SQUARE INCH	TYP	TYPICAL	
MAX	MAXIMUM	UNO	UNLESS NOTED OTHERWISE	
MIN	MINIMUM	USGS	U.S. GEOLOGICAL SURVEY	
MISC	MISCELLANEOUS	W/	WITH	

ARCHITECTURAL REQUIREMENTS		
DESCRIPTION		DESIGN VALUES
TYPE OF CONSTRUCTION		II-B
OCCUPANCY CLASSIFICATION		A-3
NUMBER OF STORIES		1
FIRE SPRINKLER SYSTEM		NOT BY ICON/WEIGHT NOT INCLUDED IN DESIGN
MOST COMMON RH20 MIN/MAX SQ.FT (SEE STEP 1)		480/2,080
MOST COMMON RH30 MIN/MAX SQ.FT (SEE STEP 1)		720/3,120
MOST COMMON RH40 MIN/MAX SQ.FT (SEE STEP 1)		960/4,160
AREA OVER 4000 SQ.FT REQUIRES GEOHAZARD REPORT		
ALLOWABLE ARE FOR II-B / A-3 IS 9500 SQ.FT		

RELATED BUILDING CODES AND STANDARDS

TITLE 24 CODES:

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC).....(PART 1, TITLE 24, CCR)
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
2022 CALIFORNIA ELECTRICAL CODE.....(PART 3, TITLE 24, CCR)
2022 CALIFORNIA MECHANICAL CODE (CMC).....(PART 4, TITLE 24, CCR)
2022 CALIFORNIA PLUMBING CODE (CPC).....(PART 5, TITLE 24, CCR)
2022 CALIFORNIA ENERGY CODE.....(PART 6, TITLE 24, CCR)
2022 CALIFORNIA FIRE CODE (CFC).....(PART 9, TITLE 24, CCR)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE.....(PART 11, TITLE 24, CCR)
2022 CALIFORNIA REFERENCE STANDARDS CODE.....(PART 12, TITLE 24, CCR)
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS:
2022 CBC, CHAPTER 35
2022 CFC, CHAPTER 80

SCOPE OF WORK NARRATIVE

THESE DRAWINGS ILLUSTRATE THE FABRICATION AND INSTALLATION REQUIREMENTS FOR A FREE-STANDING PREFABRICATED STEEL SHADE STRUCTURE. THE ENTIRE STRUCTURAL SYSTEM IS COMPRISED OF HOLLOW STRUCTURAL STEEL MEMBERS SUPPORTED BY CONCRETE FOUNDATIONS. THE FLEXIBILITY INCLUDED HEREIN ALLOWS THE STRUCTURE TO COMPLY WITH A WIDE VARIETY OF PROJECT SITES AND LOADING REQUIREMENTS.

ICON STD RH/DSA-PC
DRAWN BY: JD
DATE: 7/25/2023
REV
REV DATE

JRMA
ARCHITECTS ENGINEERS
2702 SATURN STREET, CA 94021
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Oct 04, 2023

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-182975-PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☐
DATE: 10/10/2023

GENERAL INFO

GENERAL:

1. GENERAL NOTES AND TYPICAL DETAILS SHALL APPLY TO ALL PARTS OF THE JOB EXCEPT WHERE THEY MAY CONFLICT WITH DETAILS AND NOTES ON OTHER SHEETS. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO REVIEW BY THE STRUCTURAL ENGINEER FOR THIS PROJECT.
2. WORK SHALL CONFORM TO THE REQUIREMENTS, AS AMENDED TO DATE, OF THE LATEST ADOPTED EDITION OF THE CBC, C.A.C. TITLE 24, AND ALL STATE AND FEDERAL REGULATIONS.
3. OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER FOR THIS PROJECT PRIOR TO PROCEEDING WITH ANY WORK INVOLVED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE STRUCTURAL ENGINEER FOR THIS PROJECT AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
5. THESE CONSTRUCTION DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, INCLUDING, BUT NOT LIMITED TO, BRACING, TEMPORARY SUPPORTS, AND SHORING. OBSERVATION VISIT TO THE SITE BY FIELD REPRESENTATIVES OF THE ARCHITECT/ENGINEER SHALL NOT INCLUDE INSPECTIONS OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES. ANY SUPPORT SERVICES PERFORMED BY THE ARCHITECT/ENGINEER DURING THE CONSTRUCTION SHALL BE DISTINGUISHED FROM CONSTRUCTION AND DETAILED INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THESE SUPPORT SERVICES PERFORMED BY THE ARCHITECT/ENGINEER, WHETHER OF MATERIAL OR WORK, ARE FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH CONTRACT DOCUMENTS, BUT DO NOT GUARANTEE CONSTRUCTION.
6. ASTM DESIGNATIONS AND ALL STANDARDS REFER TO THE LATEST AMENDMENTS, EXCEPT AS AMENDED BY CBC CHAPTER 35.
7. CONFORM TO APPLICABLE CALIFORNIA CONSTRUCTION SAFETY REGULATIONS FOR ALL WORK PERFORMED DURING CONSTRUCTION. JOB SITE SAFETY IS STRICTLY THE RESPONSIBILITY OF THE CONTRACTOR AND NOT THE ARCHITECT/ENGINEER OR OWNER.
8. THE ENGINEER AND THEIR CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, HANDLING, REMOVAL OR DISPOSAL OF HAZARDOUS MATERIALS AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
9. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS, OR IF A CHANGE IN THE SCOPE OF WORK IS PROPOSED, A CONSTRUCTION CHANGE DOCUMENT DETAILING AND SPECIFYING THE REQUIRED CHANGE(S) SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
10. THE SCHOOL DISTRICT INSPECTOR ON RECORD SHALL INSPECT AND APPROVE THE ERRECTED FRAME PRIOR TO ROOF INSTALLATION.
11. SEE REQUIREMENTS FOR LOCATION IN ANY FIRE HAZARD SEVERITY ZONE FOR WILDLAND URBAN INTERFACE AREAS (WUI) AS SPECIFIED IN THE APPLICABLE VERSION OF THE CALIFORNIA BUILDING CODE. PROVIDE PROTECTION AND DETAILS OF ALL AREAS COMPLYING WITH THE WUI REQUIREMENTS.
12. LOCATING THIS STRUCTURE CLOSER THAN 20 FEET TO OTHER STRUCTURES MAY AFFECT THE ALLOWABLE AREA FOR THE EXISTING CONSTRUCTION PER THE APPLICABLE VERSION OF THE CALIFORNIA BUILDING CODE.
13. VIEWS AND DETAILS ARE NOT DRAWN TO SCALE (UNLESS NOTED OTHERWISE). DO NOT SCALE THESE DRAWINGS.

STRUCTURAL AND MISCELLANEOUS STEEL:

1. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL REFERENCED BY THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE.
2. PIPE SECTIONS SHALL CONFORM TO ASTM A53, Fy = 35 KSI, GRADE B OR A501 UNLESS NOTED OTHERWISE.
3. STRUCTURAL TUBING (HSS SHAPES) SHALL CONFORM TO ASTM A-500, GRADE B (OR C), Fy = 46 KSI, MIN.
4. IF MATERIAL AVAILABILITY IS LIMITED, MEMBER THICKNESS CAN BE INCREASED BEYOND WHAT IS SHOWN IN THESE DRAWINGS (MAXIMUM INCREASE OF 1/8").
5. ALL CHANNELS, ANGLES, AND MISC. STEEL SHALL CONFORM TO ASTM A-36, Fy = 36 KSI.
6. ALL PLATE STEEL SHALL CONFORM TO ASTM A-572, Fy= 50 KSI.
7. ALL COLD FORM STEEL SHALL CONFORM TO ASTM A-653, CS = TYPE B, Fy = 50 KSI Fu = 65 KSI
8. STRUCTURAL STEEL AND DECK SHALL BE IDENTIFIED FOR CONFORMITY PER CBC 2202A.1.
9. ALL ROOF DECKS SHALL HAVE KYNAR 500 METAL COATING.
10. ALL ROOF DECKS SHALL CONFORM TO ASTM A-792, Fy = 50 KSI.
11. ALL BASE CONNECTIONS ARE A PART OF THE LATERAL FORCE RESISTING SYSTEM

NOTICE OF DISCLAIMER FOR STRUCTURAL ENGINEERING RESPONSIBILITY

1. PER TITLE 24, PART 1, SECTION 4-316(a) OF THE CALIFORNIA CODE OF REGULATIONS, THIS NOTICE SHALL BE GIVEN TO DSA PRIOR TO THE APPROVAL OF PLANS AND SPECIFICATIONS.
2. FOR THE SITE SPECIFIC PROJECT, J. R. MILLER & ASSOCIATES IS NOT THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE.
3. FOR THE SITE SPECIFIC PROJECT, J.R. MILLER & ASSOCIATES' RESPONSIBILITY IS LIMITED TO THE PREPARATION OF THE PLANS AND SPECIFICATIONS FOR THE SHELTERS OF THIS PC ONLY.
4. STRUCTURAL OBSERVATION OF CONSTRUCTION IS SPECIFICALLY EXCLUDED FROM J.R. MILLER & ASSOCIATES' RESPONSIBILITY FOR THE SITE SPECIFIC PROJECT.
5. ALL CONSTRUCTION ACTIVITIES RELATED TO STRUCTURAL ENGINEERING SHALL BE DELEGATED TO A QUALIFIED ENGINEER BY THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE. THESE ACTIVITIES INCLUDE, BUT ARE NOT LIMITED TO, STRUCTURAL OBSERVATION OF CONSTRUCTION, REVIEW OF INSPECTION REPORTS, AND SIGNING OFF OF THE VERIFIED REPORT FOR COMPLETED WORK.
6. J.R. MILLER & ASSOCIATES WILL BE RESPONSIBLE FOR RESPONDING TO QUESTIONS PERTAINING TO THE PLANS AND SPECIFICATIONS FOR THE SHELTERS OF THIS PC WHICH ARISE DURING PLAN REVIEW AND CONSTRUCTION.

CONSTRUCTION NOTES

1. A DSA-CERTIFIED CLASS 3 (MINIMUM) PROJECT INSPECTOR IS REQUIRED FOR THIS PROJECT.
2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD), APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
3. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
4. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
5. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS ARE THAT ALL THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(c), PART 1, TITLE 24, CCR)
6. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES

WELDING:

1. ALL WELDING SHALL COMPLY WITH AWS D1.1 SPECIFICATIONS AND SHALL BE DONE BY AWS QUALIFIED WELDERS CERTIFIED FOR THE TYPE OF WELDING TO BE PERFORMED AS REQUIRED BY DSA.
2. ALL WELDING SHALL BE DONE BY GAS METAL ARC PROCESS WITH E70XX ELECTRODES. FLUX CORE ARC WELD SHALL CONFORM TO CHARPY NOTCH TOUGHNESS RATING OF 20 FT-LB-IP (0' F).
3. ALL WELDING SHALL BE DONE IN THE SHOP WITH REQUIRED INSPECTION, PRE-APPROVED BY DSA, TO ENSURE PROPER MATERIAL ID AND WELDING.
4. WELD FILLER METAL MANUFACTURER SHALL PROVIDE WRITTEN CERTIFICATION OF COMPLIANCE WITH CODE AND SPECIFICATIONS.

BOLTING:

1. ALL BOLTS SHOWN ON THESE DRAWINGS ARE HOT DIPPED GALVANIZED ASTM F3125 GRADE A325 HIGH STRENGTH BOLTS (UNF), WITH THE NUTS CONFORMING TO HOT DIPPED GALVANIZED ASTM A-563 GRADE DH.
2. HIGH STRENGTH BOLTS SHALL BE VERIFIED AND INSPECTED PER CBC 1705A2.1.
3. BEFORE ERECTING THE FRAME, VERIFY ALL BOLTS AND NUTS ARE CLEAN OF DEBRIS AND BURRS – INCLUDING THE HARDWARE ALREADY FASTENED INSIDE THE MEMBERS. CHASING SOME OF THE BOLTS AND NUTS MAY BE REQUIRED.
4. HARDENED STEEL WASHERS SHALL CONFORM TO ASTM F-436.
5. THE BOLTING INSTALLATION REQUIREMENTS OUTLINED BELOW ARE CRITICAL TO THE STRUCTURE'S DESIGN AND PERFORMANCE. THE INSTALLER IS REQUIRED TO COORDINATE THIS PHASE OF CONSTRUCTION WITH THE SPECIAL BOLTING INSPECTOR AND THE INSPECTOR OF RECORD PRIOR TO THE ERECTION OF THE FRAME.
BE INSTALLED AND INSPECTED PER THE APPLICABLE VERSION OF AISC'S
USING HIGH-STRENGTH BOLTS*, CBC 1705A2.1; AISC 341-16 (F); AISC 360-16 N5.6.
A) PRETENSIONED JOINTS MUST BE INSTALLED AND INSPECTED TO MEET ONE OF THE FOLLOWING REQUIREMENTS:
1. TURN-OF-NUT PRETENSIONING: PER SECTION 8.2.1 OF THE SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS, WASHERS ARE NOT REQUIRED FOR THIS METHOD. THE NUT OR HEAD SHALL BE ROTATED AS SPECIFIED IN TABLE 8.2. THE PART NOT TURNED SHALL BE PREVENTED FROM ROTATING.
2. CALIBRATED WRENCH: PER THE SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS, WASHERS ARE REQUIRED (NOT SUPPLIED BY KCM) THESE SHALL BE INSTALLED PER THE INSTALLATION TORQUE DETERMINED IN THE PRE-INSTALLATION VERIFICATION OF THE FASTENER ASSEMBLY PER SECTION 7. THE PART NOT TURNED SHALL BE PREVENTED FROM ROTATING.
3. IDENTIFIED ON THE FRAME CONNECTION DETAILS WITH "PT REQUIRED"
B) ALL OTHER JOINTS MUST BE INSTALLED AND INSPECTED TO MEET THE REQUIREMENTS OF THE SHUC-TIGHTENED JOINTS. SHUC TIGHT CONDITION EXISTS WHEN ALL PILES IN A CONNECTION HAVE BEEN PULLED INTO FIRM CONTACT BY THE BOLTS IN THE JOINT AND ALL OF THE BOLTS IN THE JOINT HAVE BEEN TIGHTENED SUFFICIENTLY TO PREVENT REMOVAL OF THE NUTS WITHOUT THE USE OF A WRENCH.

FOUNDATIONS:

1. ALLOWABLE SOIL PRESSURES ASSUME CLASS 5 SOIL CLASSIFICATION PER CBC TABLE 1806A, UNLESS NOTED OTHERWISE. PASSIVE PRESSURE IS ASSUMED TO START 12" BELOW TOP OF FOOTING.
2. PER CBC SECTION 1803A.2, GEOTECHNICAL REPORTS ARE NOT REQUIRED FOR ONE-STORY LIGHT-STEEL FRAME BUILDINGS OF TYPE II CONSTRUCTION AND 4,000 SQUARE FOOT OR LESS IN FLOOR AREA AND NOT LOCATED WITHIN EARTHQUAKE FAULT ZONES OR SEISMIC HAZARD ZONES AS SHOWN ON THE MOST RECENT MAPS PUBLISHED BY THE CGS. ALLOWABLE FOUNDATION AND LATERAL SOIL PRESSURE VALUES MAY BE DETERMINED FROM TABLE 1806A.2.
3. FILL AND BACKFILL SHALL BE COMPACTED TO 95% OF MAX. DENSITY IN ACCORDANCE WITH ASTM TEST METHOD D-1557 OR AS RECOMMENDED BY THE GEO-TECH ENGINEER. FLOODING NOT PERMITTED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING, ETC. NECESSARY TO SUPPORT CUT AND/OR FILL BANKS DURING EXCAVATION, AND FORMING AND PLACEMENT OF CONCRETE.
5. MINIMUM SETBACK FROM TOE OF SLOPE ON AN ASCENDING SLOPE SHALL BE 15 FEET AND MINIMUM SETBACK FROM TOE OF SLOPE ON A DESCENDING SLOPE SHALL BE 40 FEET
6. PER CBC SECTION 1803A.6, GEOHAZARD REPORTS ARE NOT REQUIRED FOR ONE-STORY LIGHT-STEEL FRAME BUILDINGS OF TYPE II CONSTRUCTION AND 4,000 SQUARE FOOT OR LESS IN FLOOR AREA AND NOT LOCATED WITHIN EARTHQUAKE FAULT ZONES OR SEISMIC HAZARD ZONES AS SHOWN ON THE MOST RECENT MAPS PUBLISHED BY THE CGS.
7. GEOHAZARD REPORTS ARE TO COMPLY WITH DSA IR A-4 PER IR-7 SECTION 1.8
8. SITE SPECIFIC GEOTECHNICAL REPORT IS REQUIRED AT THE TIME OF SITE APPLICATION IF USING OTHER THAN CLASS 5 SOIL PER DSA IR PC-7.
9. LATERAL BEARING HAS BEEN INCREASED PER CBC 1806A.3.4 FOR THE 1/2" DEFLECTION & HAS BEEN DESIGNED FOR P-DELTA EFFECTS. NO 1/3 INCREASE HAS BEEN APPLIED.
10. MINIMUM CLEARANCE BETWEEN PIERS SHALL BE 8'-0".

CONCRETE:

1. MIX DESIGN REQUIREMENTS: (NORMAL WEIGHT CONCRETE)

STRENGTH P _c (28 DAYS)	W/C RATIO (NON-AIR ENTRAINMENT)	W/C RATIO (AIR ENTRAINMENT)	SLUMP (4")	UNIT WEIGHT (NORMAL WEIGHT)
5000 PSI	0.44	0.35	3"	150 PCF

2. CONCRETE MIX DESIGN PARAMETERS ARE GOOD FOR EXPOSURE CATEGORIES F0, F1 & F2. THE AIR ENTRAINMENT FOR THESE CATEGORIES SHALL BE AS FOLLOWS: F0-0, F1-4.5, F2-6.
3. CHANGES TO THE MIX DESIGN MUST BE APPROVED BY THE ENGINEER OR ARCHITECT OF RECORD AND DSA.
4. AGGREGATES SHALL CONFORM TO THE ASTM C-33 WITH PROVEN SHRINKAGE CHARACTERISTICS OF LESS THAN 0.005. MAX AGGREGATE SIZE = 1".
5. CEMENT SHALL CONFORM TO ASTM C-150 (TYPE V) UNLESS NOTED OTHERWISE ON THE DRAWINGS.
6. CONCRETE SHALL BE MAINTAINED IN A MOIST CONDITION FOR A MINIMUM OF FIVE DAYS AFTER PLACEMENT. ALTERNATE METHODS WILL BE APPROVED IF SATISFACTORY PERFORMANCE CAN BE ASSURED.
7. CONCRETE SHALL NOT FREE FALL MORE THAN FIVE FEET.
8. CONCRETE DURABILITY SHALL BE PER CBC 1904A.1, ACI 318-19, CHAPTER 19.
9. CONCRETE SHALL BE TESTED PER CBC 1903A, TABLE 1705A.3, AND ACI 318-19, SECTION 26.12.
10. NO ADMIXTURE SHALL CONTAIN CALCIUM CHLORIDE.

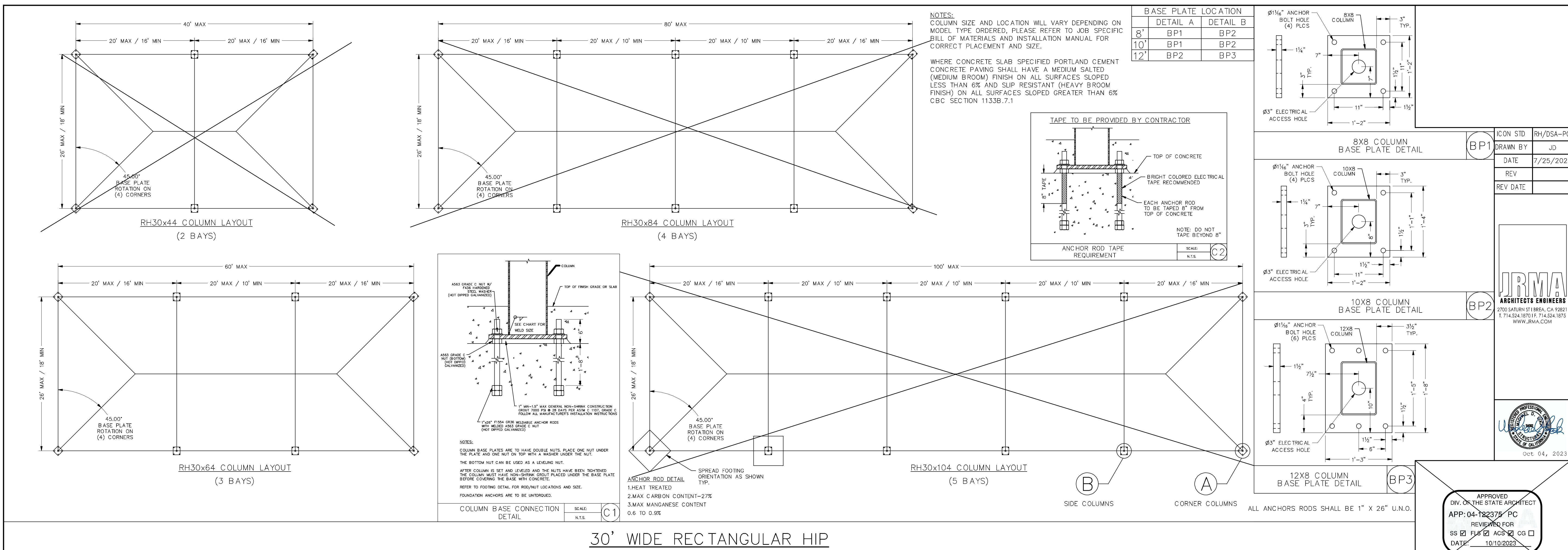
REINFORCING STEEL:

1. REINFORCING STEEL SHALL BE DEFORMED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A-615, AS FOLLOWS:
OR 60: (#4 BARS AND LARGER)
OR 40: (#3 BARS)
2. DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS SHALL CONFORM TO THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCING CONCRETE STRUCTURES."
3. MIN. COVER FOR CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS:
A. CAST AGAINST EARTH3"
B. CAST AGAINST FORM BELOW GRADE2"
C. FORMED SLABS (#11 BAR & SMALLER).....3/4"
D. SLABS ON GRADE (FROM TOP OF SLAB).....1"
4. BARS SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIAL LIKELY TO IMPAIR BOND. BENDS SHALL BE MADE COLD.
5. REINFORCING SHALL BE LAP SPLICED PER ACI 318-19, SECTION 25.5.
6. PRIOR TO PLACING OF CONCRETE, REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE WELL SECURED IN POSITION.
7. WELDING OF REINFORCING IS NOT ALLOWED.
8. REINFORCING STEEL SHALL BE INSPECTED PER CBC 1705A.3.

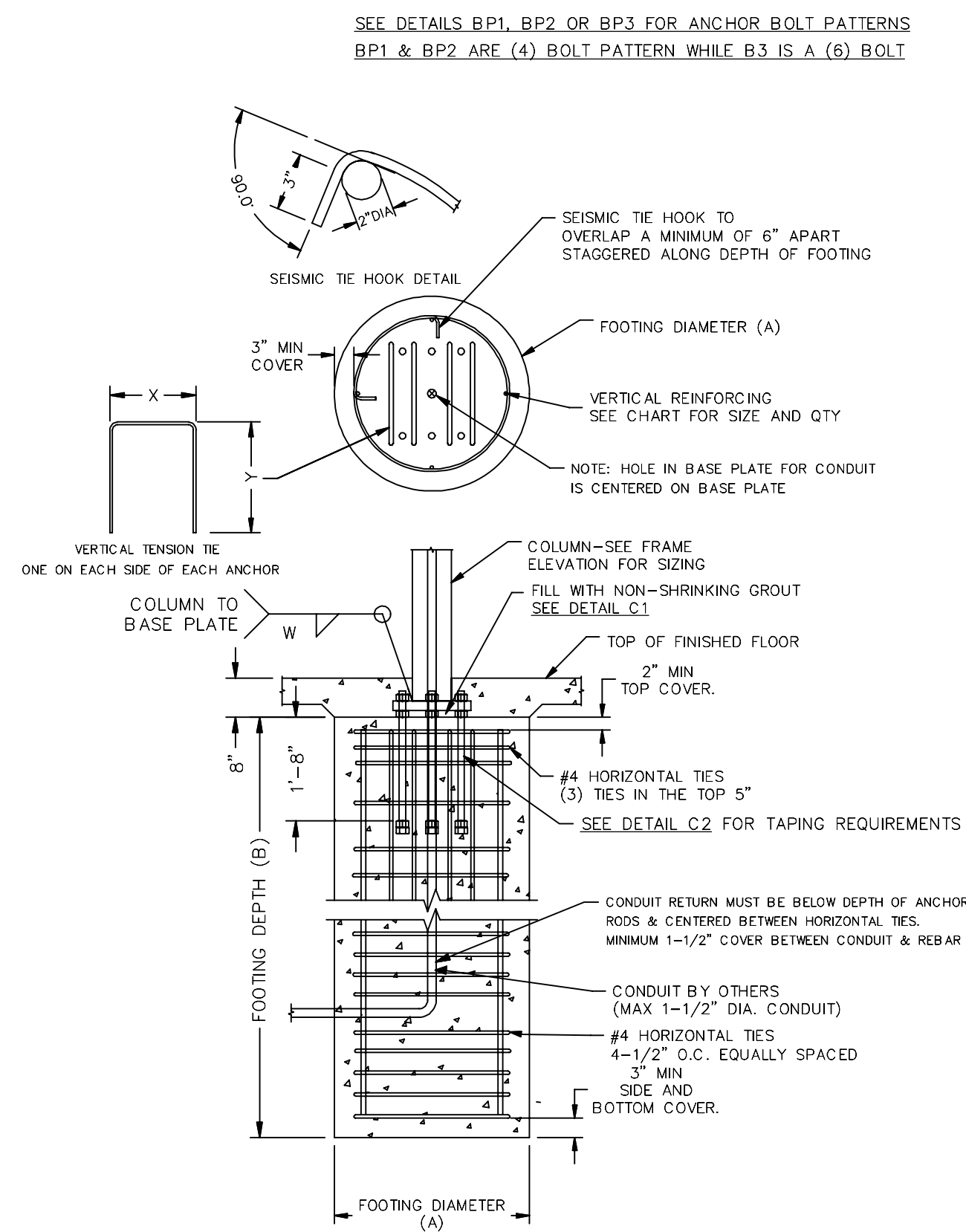
POWDER-COAT FINISH SYSTEM:

ALL BUILDINGS THAT HAVE A POWDER-COATED FINISH SHALL MEET THE FOLLOWING SPECIFICATIONS:

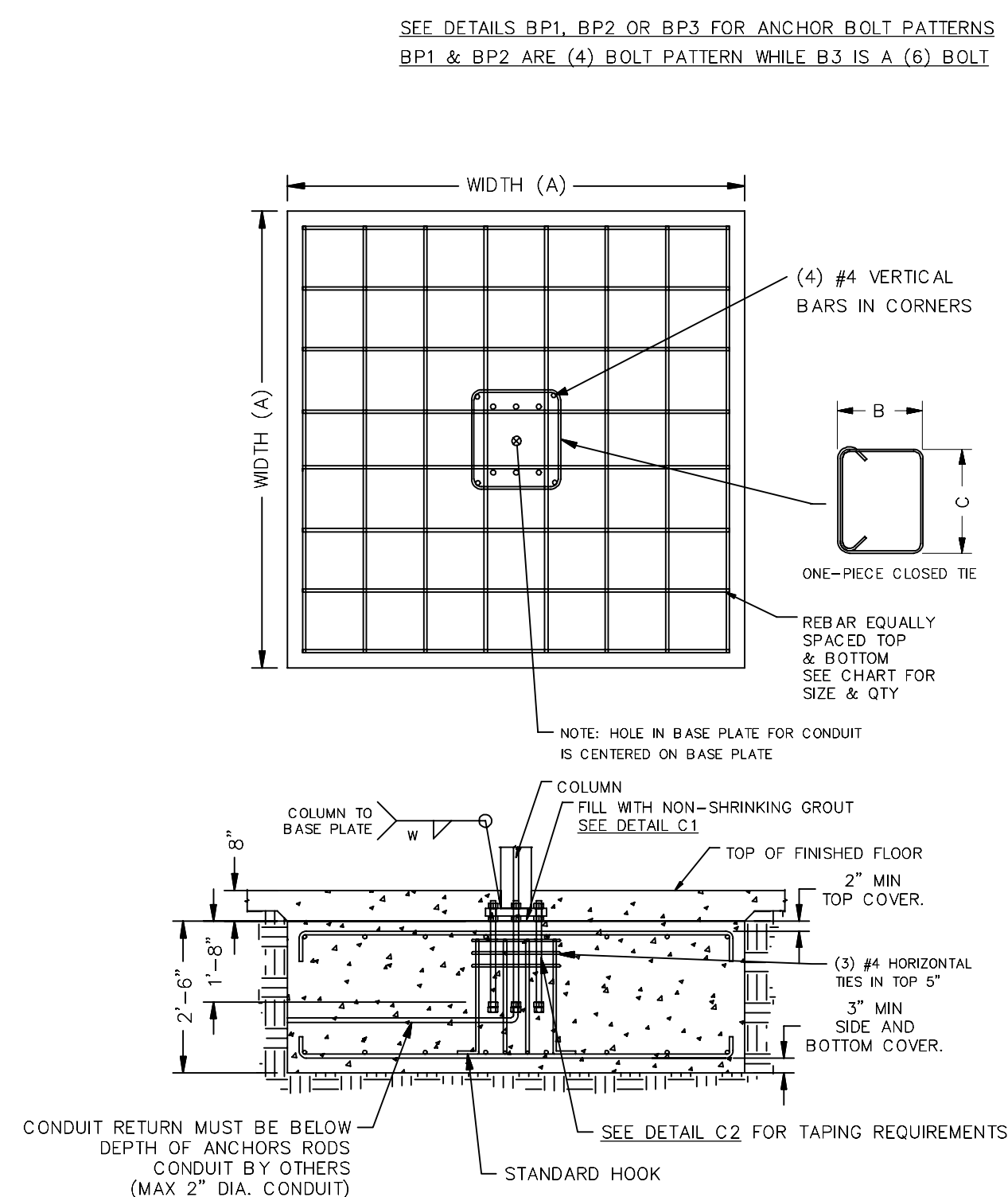
1. THE STEEL FRAME (HSS SECTIONS, COLD FORMED & PLATE STEEL) SHALL BE SHOT-BLASTED TO A NEAR WHITE CONDITION PER SSPC-10 SPECIFICATIONS.
2. THE STEEL SHALL BE WASHED IN A ZINC PHOSPHATE IN AN MINIMUM THREE STAGE ELECTRO DEPOSITION PRE-TREATMENT PROCESS.
3. IMMEDIATELY FOLLOWING PRE-TREATMENT THE STEEL SHALL BE TOTALLY COATED IN AN EPOXY PRIMER TO A UNIFORM THICKNESS OF A MINIMUM OF 0.7 TO 0.9 MILS. THE E-COATING SHALL PROVIDE A MINIMUM OF 1000 HOURS OF SALT SPRAY CORROSION PROTECTION TO THE STEEL.
4. THE STEEL SHALL THEN HAVE A IGIC POLYESTER COLOR COAT APPLIED OVER THE E-COATED SURFACE.
5. THE FINISH THICKNESS OF THESE APPLICATIONS SHALL BE A MINIMUM OF 8 TO 12 MILS.
6. ALL CARBON STEEL MEMBERS (COLUMNS, BEAMS, PLATES, & COLD FORMED STEEL ETC.) NOT POWDER-COATED SHALL BE PAINTED WITH PRIME COAT PER THE "AISC CODE OF STANDARO PRACTICE" AND THE "AISC SPECIFICATION SECTION M3" UNLESS NOTED OTHERWISE).

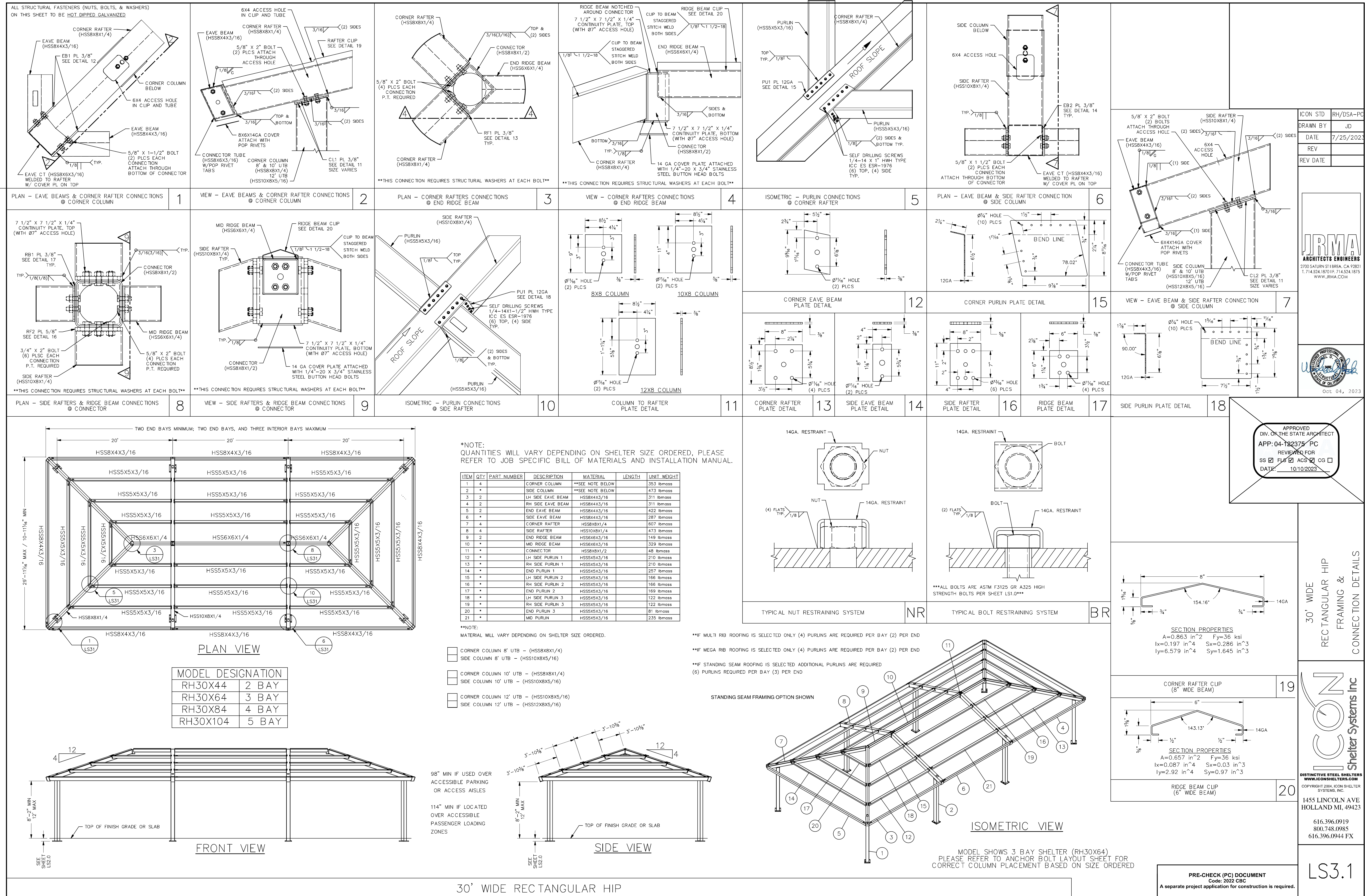


RH30 - PIER																			
8' height - Corner Columns					8' height - Corner Columns					8' height - Corner Columns					8' height - Corner Columns				
Soil Class = 3-1000 psf Bearing					Soil Class = 4-2000 psf Bearing					Soil Class = 3-3000 psf Bearing					Rebar Dimensions - Corner Columns				
Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	X (in)	Y (in)	Rebar Size	Filllet Width (in)	Weld Size (in)
36	10	12	6	36	36	10	12	6	36	36	10	12	6	36	12	47	6	1/4"	1/4"
36	10	12	6	36	36	10	12	6	36	36	10	12	6	36	12	47	6	1/4"	1/4"
8' height - Side Columns					8' height - Side Columns					8' height - Side Columns					8' height - Side Columns				
Soil Class = 3-1500 psf Bearing					Soil Class = 4-2000 psf Bearing					Soil Class = 3-3000 psf Bearing					Rebar Dimensions - Side Columns				
Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	X (in)	Y (in)	Rebar Size	Filllet Width (in)	Weld Size (in)
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"
8' Eave - 1500 psf					8' Eave - 2000 psf					8' Eave - 3000 psf					8' Eave - Rebar & Weld				
Soil Class = 3-1500 psf Bearing					Soil Class = 4-2000 psf Bearing					Soil Class = 3-3000 psf Bearing					Rebar Dimensions - Eave				
Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	X (in)	Y (in)	Rebar Size	Filllet Width (in)	Weld Size (in)
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"
10' height - Corner Columns					10' height - Corner Columns					10' height - Corner Columns					10' height - Corner Columns				
Soil Class = 3-1500 psf Bearing					Soil Class = 4-2000 psf Bearing					Soil Class = 3-3000 psf Bearing					Rebar Dimensions - Corner Columns				
Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	X (in)	Y (in)	Rebar Size	Filllet Width (in)	Weld Size (in)
36	10	12	6	36	36	10	12	6	36	36	10	12	6	36	12	47	6	1/4"	1/4"
36	10	12	6	36	36	10	12	6	36	36	10	12	6	36	12	47	6	1/4"	1/4"
10' height - Side Columns					10' height - Side Columns					10' height - Side Columns					10' height - Side Columns				
Soil Class = 3-1500 psf Bearing					Soil Class = 4-2000 psf Bearing					Soil Class = 3-3000 psf Bearing					Rebar Dimensions - Side Columns				
Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	X (in)	Y (in)	Rebar Size	Filllet Width (in)	Weld Size (in)
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"
10' Eave - 1500 psf					10' Eave - 2000 psf					10' Eave - 3000 psf					10' Eave - Rebar & Weld				
Soil Class = 3-1500 psf Bearing					Soil Class = 4-2000 psf Bearing					Soil Class = 3-3000 psf Bearing					Rebar Dimensions - Eave				
Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	Di (in)	Depth (ft)	Vertical Rebar (in)	Rebar Size	Rebar Spacing (in)	X (in)	Y (in)	Rebar Size	Filllet Width (in)	Weld Size (in)
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"
36	14	8	6	36	36	14	8	6	36	36	14	8	6	36	16	59	6	1/4"	1/4"



RH30 - SPREAD											
8' height - Corner Columns				8' height - Corner Columns				8' height - Corner Columns			
Soil Class = 7-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	40	8	4	40	8	4	40	8	4	40	8
8' height - Side Columns				8' height - Side Columns				8' height - Side Columns			
Soil Class = 1-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	84	8	81	8	8	75	10	6	16	17.5	5
8' Eave - 1500 psf []				8' Eave - 2000 psf []				8' Eave - 3000 psf []			
Soil Class = 1-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	66	10	9	63	10	8	63	10	8	6	16
10' height - Side Columns				10' height - Side Columns				10' height - Side Columns			
Soil Class = 1-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	81	10	6	75	10	6	75	10	6	16	14.5
10' Eave - 1500 psf []				10' Eave - 2000 psf []				10' Eave - 3000 psf []			
Soil Class = 1-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	78	10	6	78	10	6	72	9	6	16	13.5
12' height - Side Columns				12' height - Side Columns				12' height - Side Columns			
Soil Class = 1-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	84	10	6	78	10	6	78	10	6	17	14.5
12' Eave - 1500 psf []				12' Eave - 2000 psf []				12' Eave - 3000 psf []			
Soil Class = 1-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	84	10	6	78	10	6	78	10	6	17	14.5
12' Eave - 1500 psf []				12' Eave - 2000 psf []				12' Eave - 3000 psf []			
Soil Class = 1-1000 psf bearing				Soil Class = 2-1000 psf bearing				Soil Class = 3-1000 psf bearing			
Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar	Size (in)	16"R	Rebar
Depth (in)	10	Qty	Size (in)	10	Qty	Size (in)	10	Qty	Depth (in)	10	Qty
	84	10	6	78	10	6	78	10	6	17	14.5





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



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.

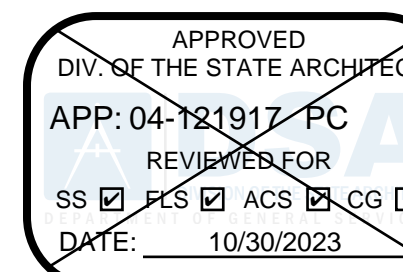
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PROJECT NAME:
Stonegate Elementary

LOCATION:

2500 La Jolla Street
West Sacramento, CA

MODEL NUMBER:



STRUCTURE TYPE:

STRUCTURE MODEL:	DSA401J-22	
MAX. SIZE:	VARIES, SEE JOINED HIP UNIT SHEET	SEE SHEET 9.1-1000
MAX. AREA:	VARIES	
MAX. OCCUPANCY:	VARIES	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE. SEE PC T-3.0 & PC T-4.0

JOINED HIP

STRUCTURE MODEL:	DSA401Q-22	
MAX. SIZE:	VARIES, SEE QUAD HIP UNIT SHEET	SEE SHEET 10.1-1000
MAX. AREA:	VARIES	
MAX. OCCUPANCY:	VARIES	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0

QUAD HIP



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

Eng. By :	DWH	2/14/23
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3/14/20	BMW	3/14/20
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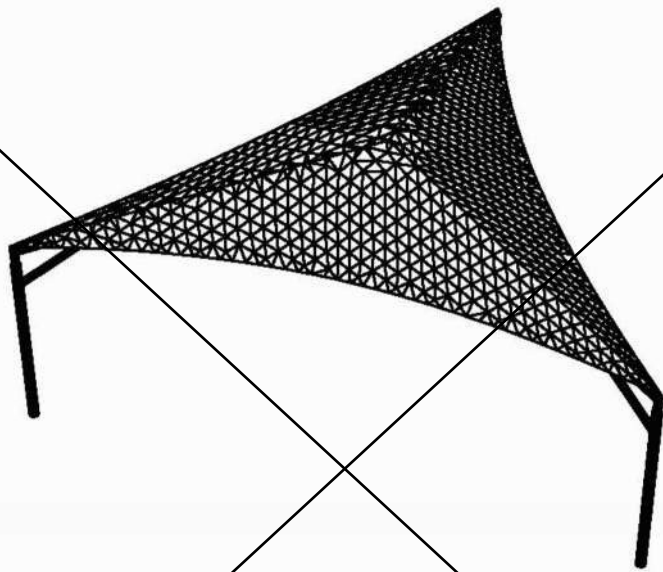
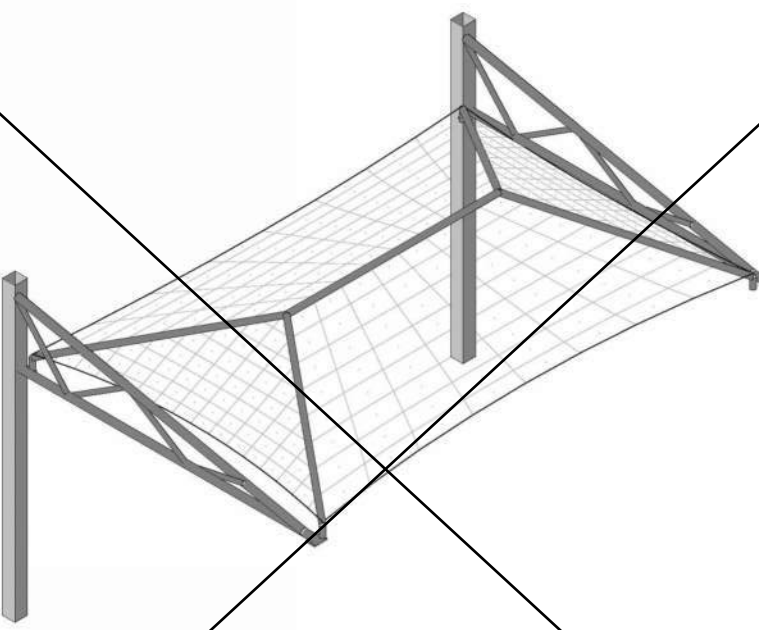
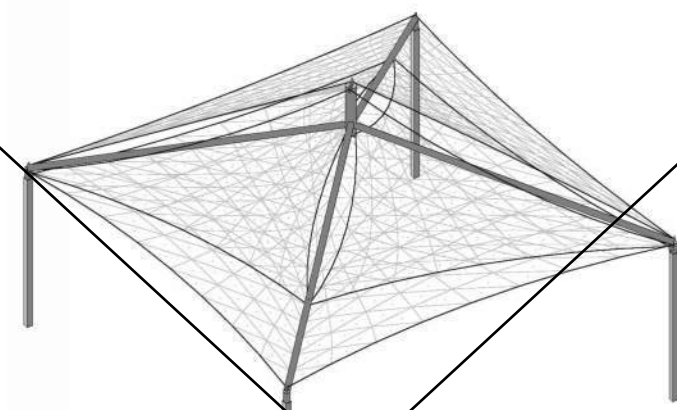
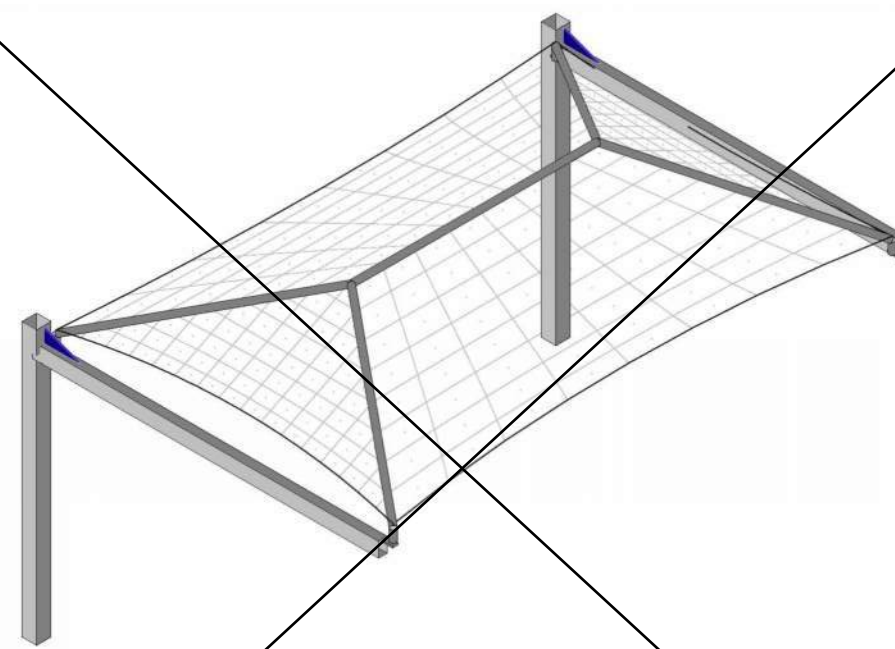
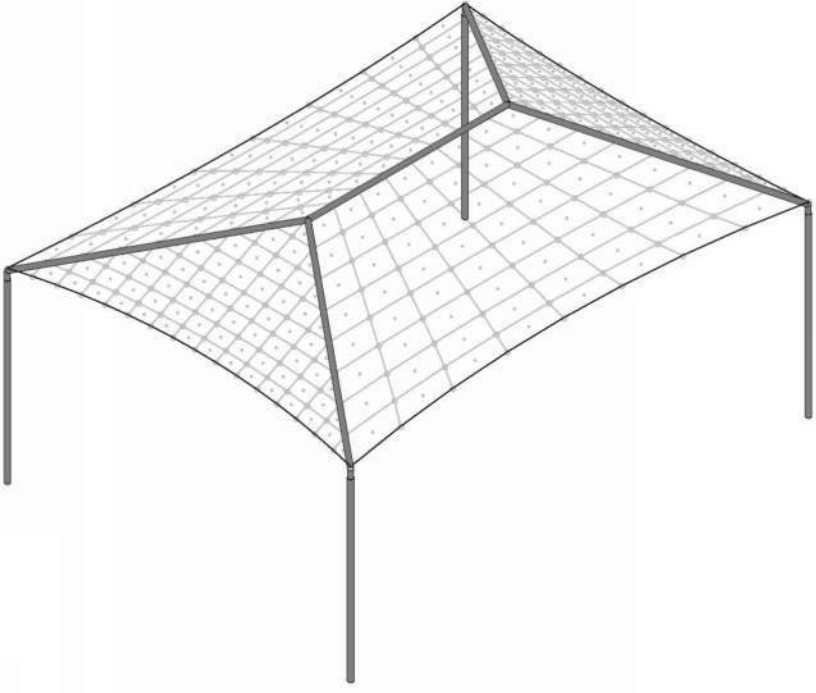

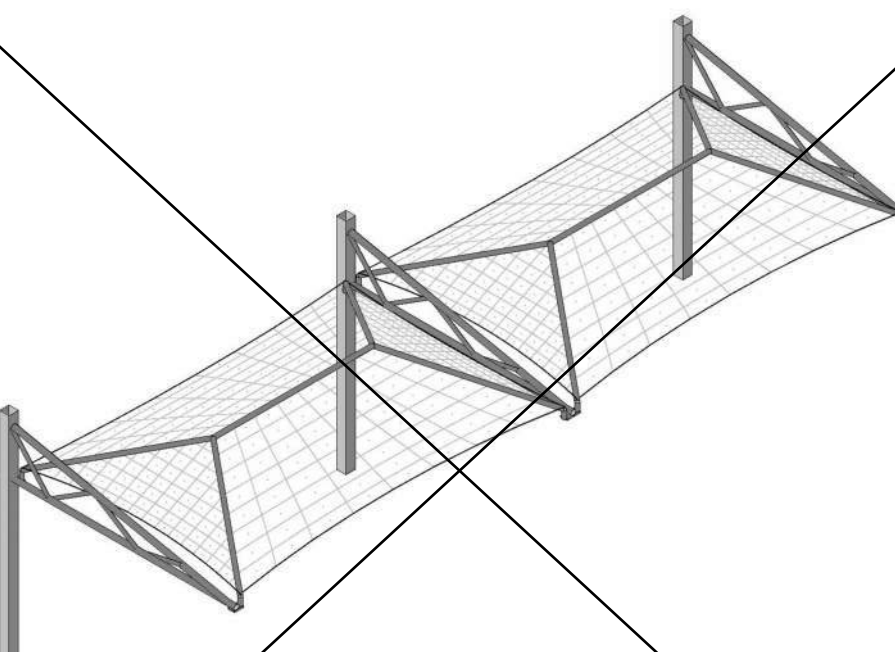
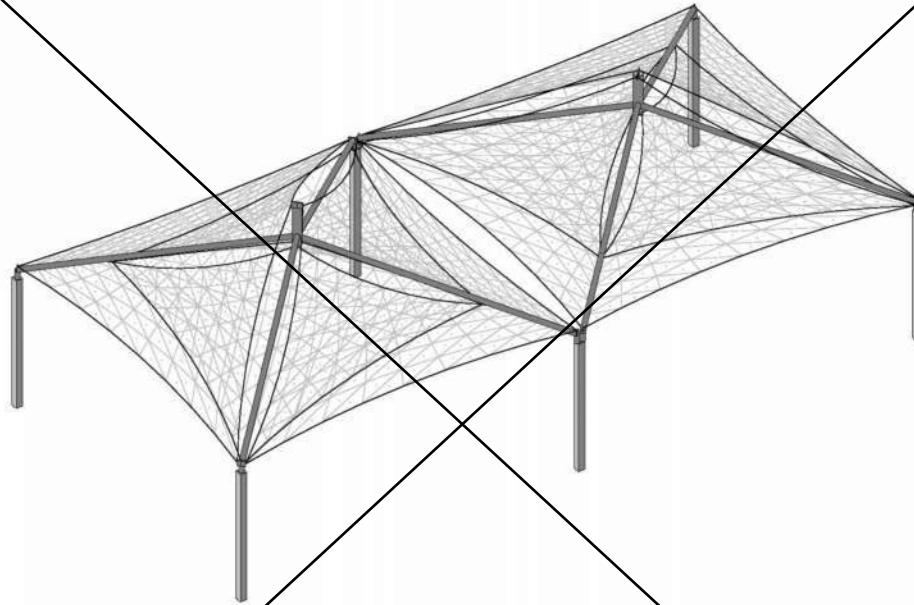
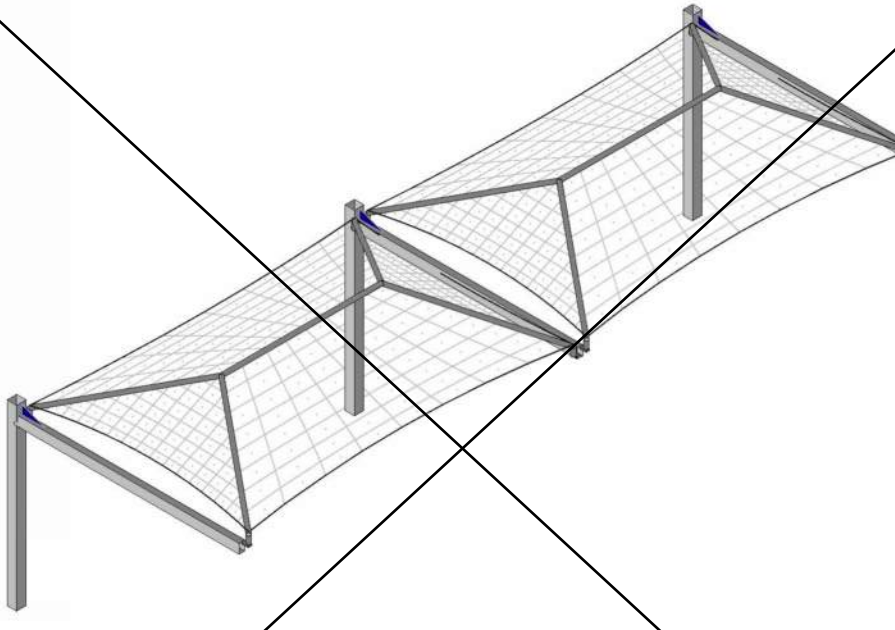
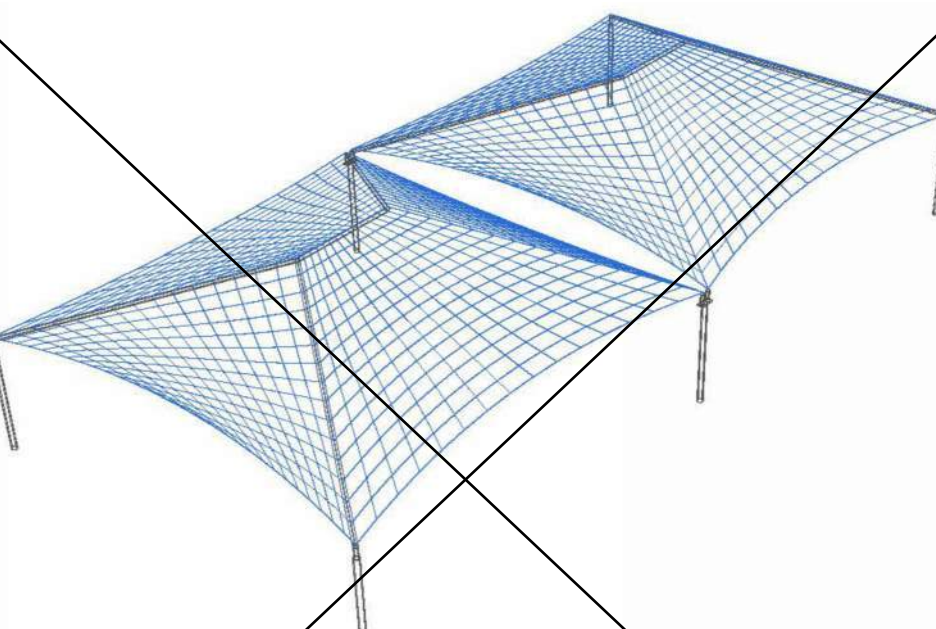
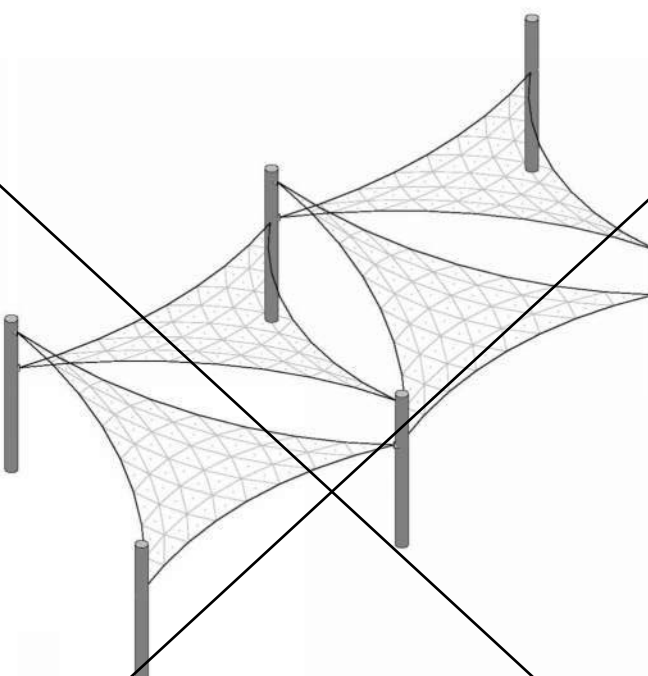
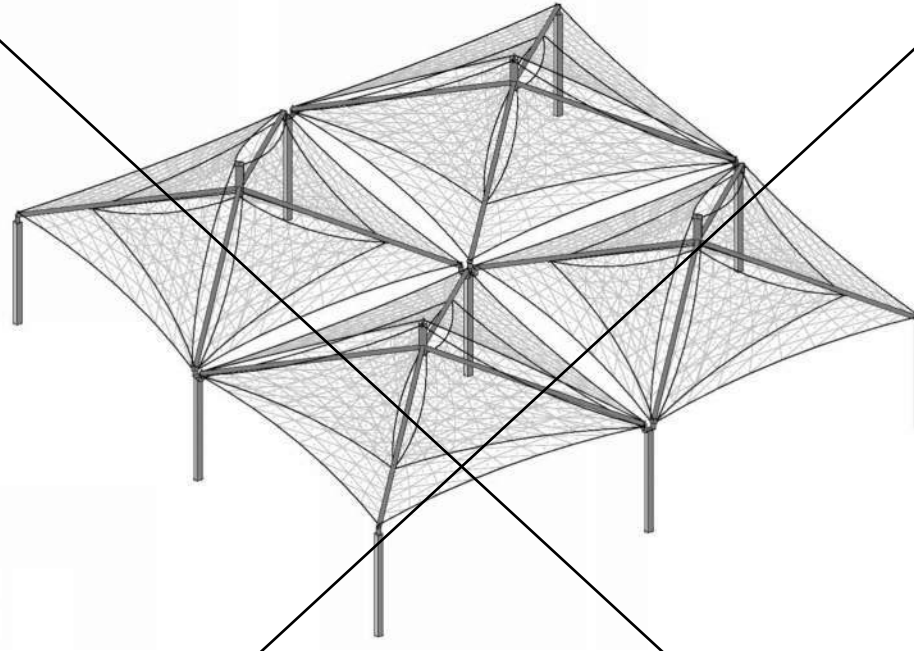
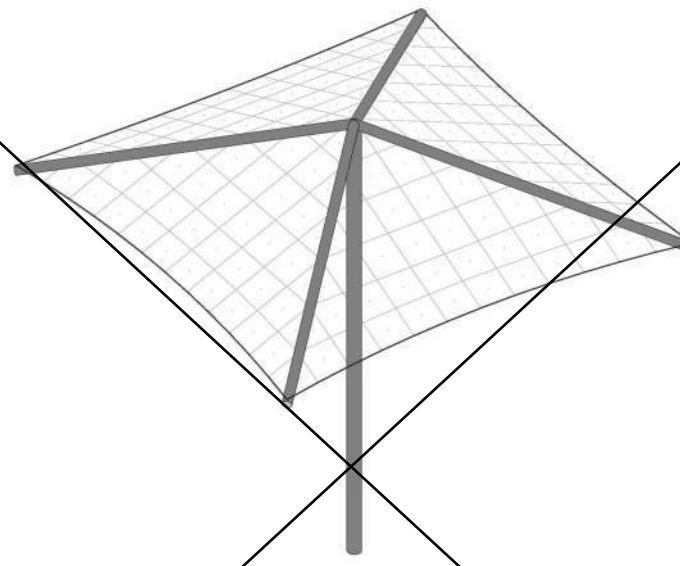
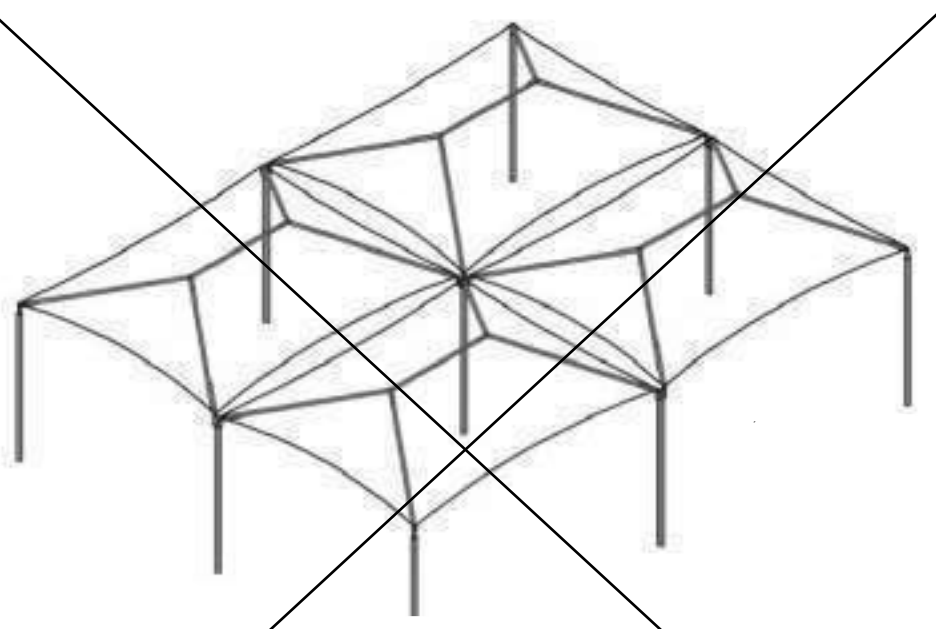
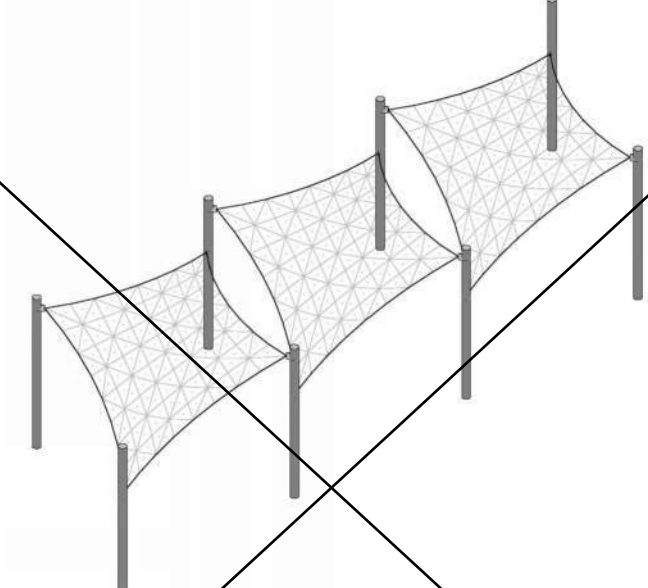
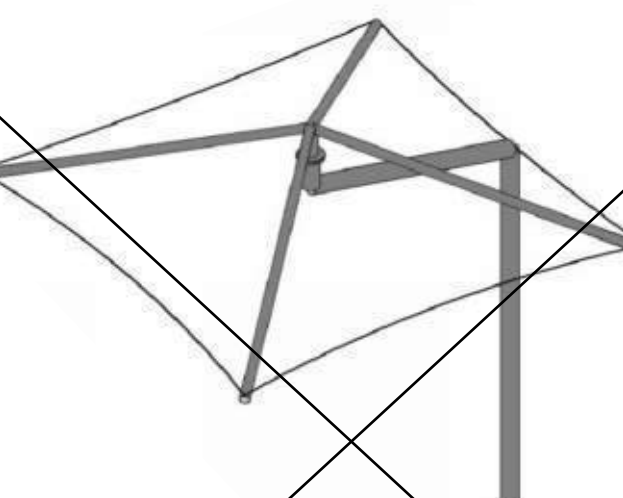
Design By :	DWH	2/14/23

DRAWING DESCRIPTION:

DWG. **UNIT SELECTION**

SHEET	T-2.0
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REV.

				
<p>STRUCTURE MODEL: DSA30125-22 MAX. SIZE: 25' x 25' x 19' MAX. AREA: 21,250 SQ. FT. MAX. OCCUPANCY: 46 PERSONS</p> <p>STRUCTURE MODEL: DSA30140-22 MAX. SIZE: 40' x 40' x 19' MAX. AREA: 692 SQ. FT. MAX. OCCUPANCY: 46 PERSONS</p>	<p>STRUCTURE MODEL: DSA2062030-22 MAX. SIZE: 20' x 30' x 19' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p>	<p>STRUCTURE MODEL: DSA4073030-22 MAX. SIZE: 30' x 30' x 19' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p> <p>STRUCTURE MODEL: DSA4073040-22 MAX. SIZE: 30' x 40' x 19' MAX. AREA: 1,200 SQ. FT. MAX. OCCUPANCY: 80 PERSONS</p>	<p>STRUCTURE MODEL: DSA4020230-22 MAX. SIZE: 20' x 30' x 19' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p>	<p>STRUCTURE MODEL: DSA4012030-22 MAX. SIZE: 20' x 30' x 19' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p> <p>STRUCTURE MODEL: DSA4013030-22 MAX. SIZE: 30' x 30' x 19' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p> <p>STRUCTURE MODEL: DSA4013040-22 MAX. SIZE: 30' x 40' x 19' MAX. AREA: 1,200 SQ. FT. MAX. OCCUPANCY: 80 PERSONS</p> <p>STRUCTURE MODEL: DSA401203012-22 MAX. SIZE: 20' x 30' x 12' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p> <p>STRUCTURE MODEL: DSA401303012-22 MAX. SIZE: 30' x 30' x 12' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p> <p>STRUCTURE MODEL: DSA401304012-22 MAX. SIZE: 30' x 40' x 12' MAX. AREA: 1,200 SQ. FT. MAX. OCCUPANCY: 80 PERSONS</p> <p>STRUCTURE MODEL: DSA4014040-22 MAX. SIZE: 40' x 40' x 12' MAX. AREA: 1,600 SQ. FT. MAX. OCCUPANCY: 106 PERSONS</p> <p>STRUCTURE MODEL: DSA40152030-22 (20 psf SNOW LOAD) MAX. SIZE: 20' x 30' x 19' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</p>
FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0
TRIANGLE	TRI-TRUSS HIP SINGLE WIDE	MARINER PEAK	FULL CANTILEVER HIP SINGLE	HIP
				
<p>STRUCTURE MODEL: DSA60340-22 MAX. SIZE: 60' x 40' x 19' MAX. AREA: 1,080 SQ. FT. MAX. OCCUPANCY: 69 PERSONS</p> <p>STRUCTURE MODEL: DSA60360-22 MAX. SIZE: 60' x 60' x 19' MAX. AREA: 2,338 SQ. FT. MAX. OCCUPANCY: 156 PERSONS</p>	<p>STRUCTURE MODEL: DSA3052060-22 MAX. SIZE: 20' x 20' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</p>	<p>STRUCTURE MODEL: DSA40713060-22 MAX. SIZE: 30' x 130' x 19' MAX. AREA: 3,960 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</p>	<p>STRUCTURE MODEL: DSA3022060-22 MAX. SIZE: 20' x 20' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</p>	<p>STRUCTURE MODEL: DSA4011-22 MAX. SIZE: VARIES MAX. AREA: VARIES MAX. OCCUPANCY: VARIES</p>
FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0
HEXAGON	TRI-TRUSS HIP JOINED	MARINER PEAK JOINED	FULL CANTILEVER HIP JOINED	JOINED HIP
NOT USED				
	<p>STRUCTURE MODEL: DSA30730-22 MAX. SIZE: 30' x 133' x 15' MAX. AREA: 3,960 SQ. FT. MAX. OCCUPANCY: 240 PERSONS</p>	<p>STRUCTURE MODEL: DSA40708060-22 MAX. SIZE: 60' x 60' x 15' MAX. AREA: 3,600 SQ. FT. MAX. OCCUPANCY: 240 PERSONS</p>	<p>STRUCTURE MODEL: DSA1031414-22 MAX. SIZE: 14' x 14' x 17' MAX. AREA: 186 SQ. FT. MAX. OCCUPANCY: 13 PERSONS</p> <p>STRUCTURE MODEL: DSA1032020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS</p>	<p>STRUCTURE MODEL: DSA4010-22 MAX. SIZE: VARIES MAX. AREA: VARIES MAX. OCCUPANCY: VARIES</p>
	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0
NOT USED	TENSIONS SAILS THREE-POINT	MARINER PEAK QUAD	SINGLE POST PYRAMID	QUAD HIP
				
	<p>STRUCTURE MODEL: DSA4182020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 186 SQ. FT. MAX. OCCUPANCY: 26 PERSONS</p> <p>STRUCTURE MODEL: DSA4183030-22 MAX. SIZE: 30' x 133' x 15' MAX. AREA: 3,960 SQ. FT. MAX. OCCUPANCY: 240 PERSONS</p>		<p>STRUCTURE MODEL: DSA1241414-22 MAX. SIZE: 14' x 14' x 17' MAX. AREA: 186 SQ. FT. MAX. OCCUPANCY: 13 PERSONS</p> <p>STRUCTURE MODEL: DSA1242020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS</p>	
	FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0		FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0 & PC T-4.0	
NOT USED	TENSIONS SAILS FOUR-POINT	NOT USED	SINGLE POST PYRAMID CANTILEVER	

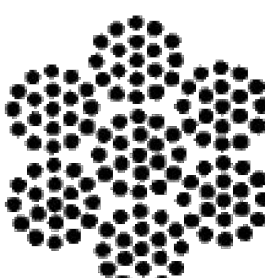
10/18/2023

Dattag

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

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



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	

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



FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-052001

COLOURSHADE 190/F5

Product Marketed by:

MULTIKNIT (PTY) LTD

BOX 798 WHITE RIVER 1240

MPUMALANGA SOUTH AFRICA,

Issue Date : 05/08/2023

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.

C Walker

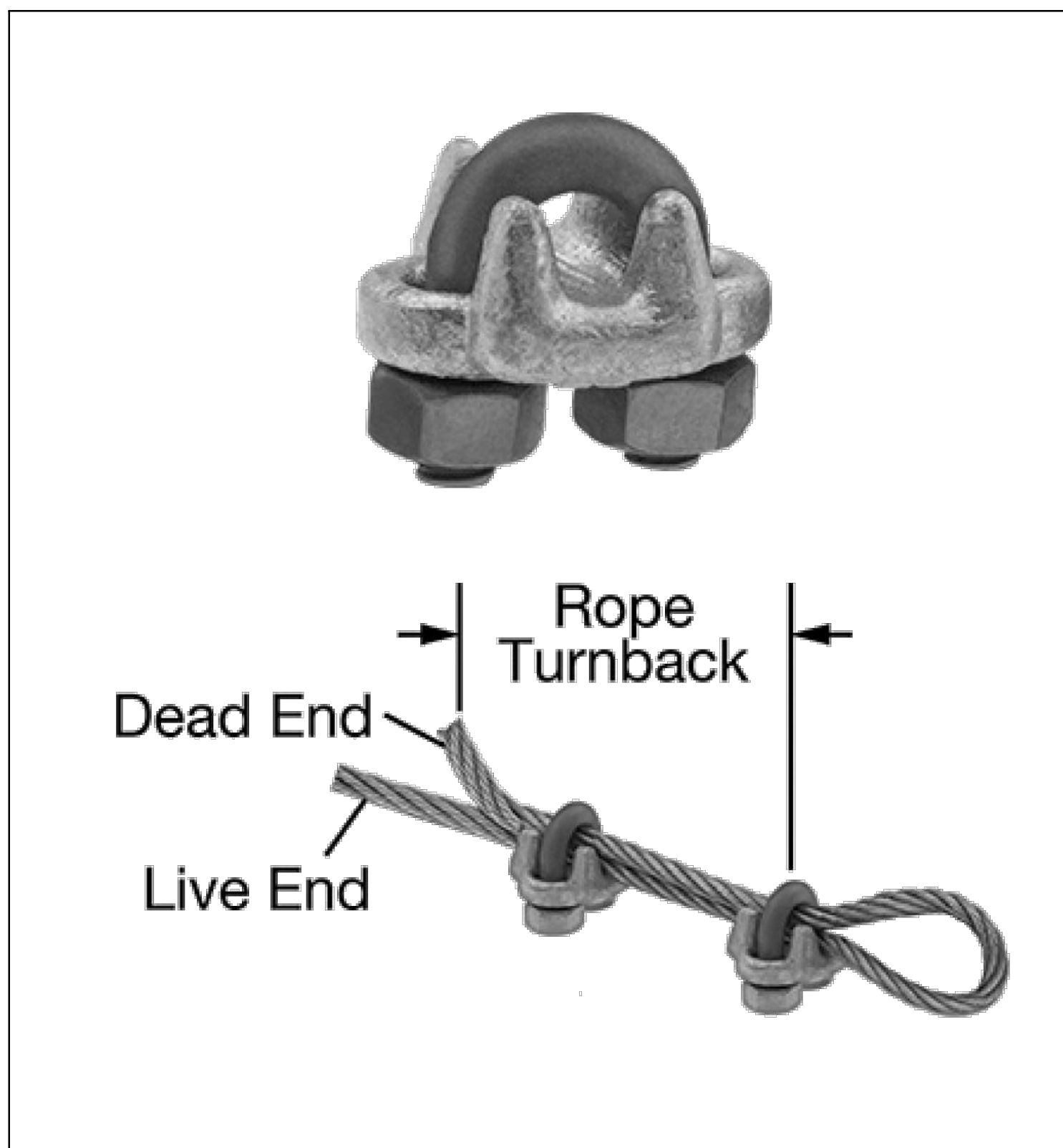
Issued By Courtney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Patricia Setter

Reviewed and Approved By Patricia Setter
Deputy State Fire Marshal III
Fire Engineering & Investigations Division

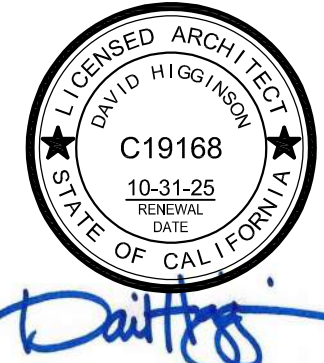
OFFICE OF THE STATE FIRE MARSHAL

Please visit calfire.gov/motus.org for more information on Licensing and Permitting with CAL FIRE



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



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: FA-428
CLARK COUNTY MANUFACTURER
CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:

Washington U.S.D.

PROJECT NAME:

Stonegate Elementary

LOCATION:

2500 La Jolla Street
West Sacramento, CA

MODEL NUMBER:

DSA4014040-22

STRUCTURE TYPE:

H I P

DSA

SIZE:

MAXIMUM

40' x 40' 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 12/01/222

Design By : OS 12/01/222

Approved By : MB 12/01/222

DRAWING DESCRIPTION:

SPECIFICATIONS

DWG.

DSA4014040-22

SHEET

4.2-2000

REV.

NC