



INDEPENDENCE
H I G H S C H O O L

**SHADE STRUCTURES
AT**

INDEPENDENCE HIGH SCHOOL

8001 OLD RIVER RD, BAKERSFIELD, CA 93311

KERN COUNTY

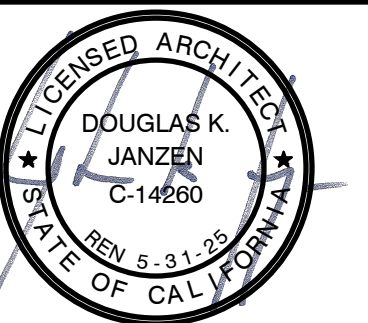
FOR

KERN HIGH SCHOOL DISTRICT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124406 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 10/17/2024



1736 S. Central Street, Suite A
Visalia, CA 93277
P: 559.738.0309 • info@dkjarchitects.com



DRAWN BY: TL
DATE: 08/29/2024
REVISED:

SHADE STRUCTURES
AND CHANGING ROOMS
AT
INDEPENDENCE HIGH SCHOOL
KERN HIGH SCHOOL DISTRICT

PROJECT NUMBER: 202404.10

DRAWING TITLE

COVER SHEET

DRAWING NUMBER

GO

ABBREVIATIONS

ABBREVIATIONS WHEN USED IN THESE DOCUMENTS SHALL CONFORM TO THE FOLLOWING LIST UNLESS OTHERWISE NOTED. OTHER DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL) MAY CONTAIN SPECIFIC REFERENCES AND LEGENDS WITH INTERPRETATIONS ONLY FOR THOSE DRAWINGS.

SYMB.	DESCRIPTION	ABBRV.	DESCRIPTION																																																																																																																																																																																																												
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C.B.	CATCH BASIN	P.H.	PAN HEAD (SCREEN)																																																																																																																																																																																																												
GEM.	CEMENT	PL.	PLATE																																																																																																																																																																																																												
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C.J.	CONTROL JOINT	PLYMD.	PLYWOOD																																																																																																																																																																																																												
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CNTR.	COUNTER	P.T.	PRESSURE TREATED																																																																																																																																																																																																												
C.O.	CASED OPENING	P.T.D.	PAPER TOWEL DISPENSER																																																																																																																																																																																																												
COL.	COLUMN	PTN.	PARTITION																																																																																																																																																																																																												
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CONN.	CONNECTION																																																																																																																																																																																																														
CONSTR.	CONSTRUCTION	Q.T.	QUARRY TILE																																																																																																																																																																																																												
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CORR.	CORRIDOR	R.	RISER																																																																																																																																																																																																												
C.S.	CONTROL SCREED	R.A.	RETURN AIR																																																																																																																																																																																																												
C.T.	CERAMIC TILE	RAD.	RADIUS																																																																																																																																																																																																												
CTR.	CENTER	R.D.	ROOT DRAIN																																																																																																																																																																																																												
CTSK.	COUNTERSINK	REF.	REFERENCE																																																																																																																																																																																																												
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D.F.	DRINKING FOUNTAIN	R.H.	ROUND HEAD (SCREEN)																																																																																																																																																																																																												
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DISP.	DISPENSER	R.O.	ROUGH OPENING																																																																																																																																																																																																												
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D.O.	DOOR OPENING	REDWID.	REDWOOD																																																																																																																																																																																																												
DR.	DOOR	R.N.L.	RAIN WATER LEADER																																																																																																																																																																																																												
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D.S.	DOWNPOUT	S.	SOUTH																																																																																																																																																																																																												
D.S.P.	DRY STANDPIPE	S.A.	SUPPLY AIR																																																																																																																																																																																																												
DWG.	DRAWING	S.C.	SOLID CORE																																																																																																																																																																																																												
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E.I.	EXPANSION JOINT	SFM	STATE FIRE MARSHALL																																																																																																																																																																																																												
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ELEC.	ELECTRICAL	SHR.	SHOWER																																																																																																																																																																																																												
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E.P.	ELECTRICAL PANELBOARD	S.M.	SHEET METAL																																																																																																																																																																																																												
EQ.	EQUAL	S.M.S.	SHEET METAL SCREW																																																																																																																																																																																																												
EQFT.	EQUIPMENT	S.N.D.	SANITARY NAPKIN DISPENSER																																																																																																																																																																																																												
E.S.	EXPANSION SCREED	S.N.R.	SANITARY NAPKIN RECEPTACLE																																																																																																																																																																																																												
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F.A.	FIRE ALARM	S.T.	SELF TAPPING (SCREW)																																																																																																																																																																																																												
F.B.	FLAT BAR	STATION	STATION																																																																																																																																																																																																												
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F.G.	FINISH GRADE	STOR.	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IRON</td><td>VEST.</td><td>VESTIBULE</td></tr> <tr><td>GL.</td><td>GLASS</td><td>VCTB</td><td>VINYL COVERED TACKBOARD</td></tr> <tr><td>GND.</td><td>GROUND</td><td></td><td></td></tr> <tr><td>GR.</td><td>GRADE</td><td>W.</td><td>WEST</td></tr> <tr><td>GYP.</td><td>GYPSUM</td><td>W/.</td><td>WITH</td></tr> <tr><td>GYP.BD.</td><td>GYPSUM BOARD</td><td>W.C.</td><td>WATER CLOSET</td></tr> <tr><td></td><td></td><td>W.D.</td><td>WOOD</td></tr> <tr><td>H.</td><td>HIGH</td><td>WDM.</td><td>WINDOW</td></tr> <tr><td>H.B.</td><td>HOLE BIBB</td><td>W/O</td><td>WITHOUT</td></tr> <tr><td>H.C.</td><td>HOLLOW CORE</td><td>W.P.</td><td>WATERPROOF</td></tr> <tr><td>H.W.D.</td><td>HARDWOOD</td><td>WR.</td><td>WATER RESISTANT</td></tr> <tr><td>H.W.R.</td><td>HARDWARE</td><td>W.S.</td><td>WOOD SCREW</td></tr> <tr><td>HST.</td><td>HEIGHT</td><td>WNSCOT</td><td>WAINSCOT</td></tr> <tr><td>H.M.</td><td>HOLLOW METAL</td><td>WIGHT</td><td>WEIGHT</td></tr> <tr><td>HORIZ.</td><td>HORIZONTAL</td><td></td><td></td></tr> <tr><td>HR.</td><td>HOOR</td><td>XFMR.</td><td>TRANSFORMER</td></tr> <tr><td>HVAC</td><td>HEATING, VENTILATING & AIR</td><td>XS</td><td>CROSS SECTION</td></tr> <tr><td></td><td>CONDITIONING</td><td>XSITION</td><td>TRANSITION</td></tr> <tr><td>HDR.</td><td>HEADER</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td>I.D.</td><td>INSIDE DIAMETER (DIM)</td><td></td><td></td></tr> <tr><td>INSUL.</td><td>INSULATION</td><td></td><td></td></tr> <tr><td>INT.</td><td>INTERIOR</td><td></td><td></td></tr>	F.D.C.	FIRE DEPARTMENT CONNECTION	STRUC.	STRUCTURAL	FDN.	FOUNDATION	SUSP.	SUSPENDED	F.E.	FIRE EXTINGUISHER	SW	SOUTHWEST	F.E.C.	FIRE EXTINGUISHER CAB.	SYM.	SYMMETRICAL	F.H.	FLAT HEAD (SCREW)	SYSTEM	SYSTEM	F.H.G.	FIRE HOSE CABINET	S.V.	SHEET VINYL (FLOORING)	FIN.	FINISH			FL.	FLOOR	T.B.	TOWEL BAR	FLASH.	FLASHING	T.O.	TOP OF	FLUOR.	FLUORESCENT	T.O.C.	TOP OF CONCRETE (OR CURB)	F.O.	FACE OF	TEL.	TELEPHONE	F.O.C.	FACE OF CONCRETE	TER.	TERRAZZO	F.O.F.	FACE OF FINISH	T&G	TONGUE AND GROOVE	F.O.M.	FACE OF MASONRY	THK.	THICK	F.O.S.	FACE OF STUDS	THRU	THROUGH	F.R.	FIRE RESISTIVE	T.O.P.	TOP OF PAVEMENT	FRF.	FIBERGLASS FIBERGLASS REINFORCED	T.P.D.	TOILET PAPER DISPENSER	F.R.P.	FIBERGLASS REINFORCED	TRD.	TREAD			T.S.	TUBE STEEL	F.S.	FULL SIZE	T.V.	TELEVISION	FT.	FOOT OR FEET	TYP.	TYPICAL	FTG.	FOOTING			FUR.	FURRING			FUT.	FUTURE					UN	UNLESS OTHERWISE NOTED	GA.	GAGE	V.S.	VENT SCREED	GALV.	GALVANIZED	V.C.T.	VINYL COMPOSITION TILE	G.B.	GRAB BAR	VERT.	VERTICAL	G.I.	GALV. IRON	VEST.	VESTIBULE	GL.	GLASS	VCTB	VINYL COVERED TACKBOARD	GND.	GROUND			GR.	GRADE	W.	WEST	GYP.	GYPSUM	W/.	WITH	GYP.BD.	GYPSUM BOARD	W.C.	WATER CLOSET			W.D.	WOOD	H.	HIGH	WDM.	WINDOW	H.B.	HOLE BIBB	W/O	WITHOUT	H.C.	HOLLOW CORE	W.P.	WATERPROOF	H.W.D.	HARDWOOD	WR.	WATER RESISTANT	H.W.R.	HARDWARE	W.S.	WOOD SCREW	HST.	HEIGHT	WNSCOT	WAINSCOT	H.M.	HOLLOW METAL	WIGHT	WEIGHT	HORIZ.	HORIZONTAL			HR.	HOOR	XFMR.	TRANSFORMER	HVAC	HEATING, VENTILATING & AIR	XS	CROSS SECTION		CONDITIONING	XSITION	TRANSITION	HDR.	HEADER							I.D.	INSIDE DIAMETER (DIM)			INSUL.	INSULATION			INT.	INTERIOR		
F.D.C.	FIRE DEPARTMENT CONNECTION	STRUC.	STRUCTURAL																																																																																																																																																																																																												
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F.E.C.	FIRE EXTINGUISHER CAB.	SYM.	SYMMETRICAL																																																																																																																																																																																																												
F.H.	FLAT HEAD (SCREW)	SYSTEM	SYSTEM																																																																																																																																																																																																												
F.H.G.	FIRE HOSE CABINET	S.V.	SHEET VINYL (FLOORING)																																																																																																																																																																																																												
FIN.	FINISH																																																																																																																																																																																																														
FL.	FLOOR	T.B.	TOWEL BAR																																																																																																																																																																																																												
FLASH.	FLASHING	T.O.	TOP OF																																																																																																																																																																																																												
FLUOR.	FLUORESCENT	T.O.C.	TOP OF CONCRETE (OR CURB)																																																																																																																																																																																																												
F.O.	FACE OF	TEL.	TELEPHONE																																																																																																																																																																																																												
F.O.C.	FACE OF CONCRETE	TER.	TERRAZZO																																																																																																																																																																																																												
F.O.F.	FACE OF FINISH	T&G	TONGUE AND GROOVE																																																																																																																																																																																																												
F.O.M.	FACE OF MASONRY	THK.	THICK																																																																																																																																																																																																												
F.O.S.	FACE OF STUDS	THRU	THROUGH																																																																																																																																																																																																												
F.R.	FIRE RESISTIVE	T.O.P.	TOP OF PAVEMENT																																																																																																																																																																																																												
FRF.	FIBERGLASS FIBERGLASS REINFORCED	T.P.D.	TOILET PAPER DISPENSER																																																																																																																																																																																																												
F.R.P.	FIBERGLASS REINFORCED	TRD.	TREAD																																																																																																																																																																																																												
		T.S.	TUBE STEEL																																																																																																																																																																																																												
F.S.	FULL SIZE	T.V.	TELEVISION																																																																																																																																																																																																												
FT.	FOOT OR FEET	TYP.	TYPICAL																																																																																																																																																																																																												
FTG.	FOOTING																																																																																																																																																																																																														
FUR.	FURRING																																																																																																																																																																																																														
FUT.	FUTURE																																																																																																																																																																																																														
		UN	UNLESS OTHERWISE NOTED																																																																																																																																																																																																												
GA.	GAGE	V.S.	VENT SCREED																																																																																																																																																																																																												
GALV.	GALVANIZED	V.C.T.	VINYL COMPOSITION TILE																																																																																																																																																																																																												
G.B.	GRAB BAR	VERT.	VERTICAL																																																																																																																																																																																																												
G.I.	GALV. IRON	VEST.	VESTIBULE																																																																																																																																																																																																												
GL.	GLASS	VCTB	VINYL COVERED TACKBOARD																																																																																																																																																																																																												
GND.	GROUND																																																																																																																																																																																																														
GR.	GRADE	W.	WEST																																																																																																																																																																																																												
GYP.	GYPSUM	W/.	WITH																																																																																																																																																																																																												
GYP.BD.	GYPSUM BOARD	W.C.	WATER CLOSET																																																																																																																																																																																																												
		W.D.	WOOD																																																																																																																																																																																																												
H.	HIGH	WDM.	WINDOW																																																																																																																																																																																																												
H.B.	HOLE BIBB	W/O	WITHOUT																																																																																																																																																																																																												
H.C.	HOLLOW CORE	W.P.	WATERPROOF																																																																																																																																																																																																												
H.W.D.	HARDWOOD	WR.	WATER RESISTANT																																																																																																																																																																																																												
H.W.R.	HARDWARE	W.S.	WOOD SCREW																																																																																																																																																																																																												
HST.	HEIGHT	WNSCOT	WAINSCOT																																																																																																																																																																																																												
H.M.	HOLLOW METAL	WIGHT	WEIGHT																																																																																																																																																																																																												
HORIZ.	HORIZONTAL																																																																																																																																																																																																														
HR.	HOOR	XFMR.	TRANSFORMER																																																																																																																																																																																																												
HVAC	HEATING, VENTILATING & AIR	XS	CROSS SECTION																																																																																																																																																																																																												
	CONDITIONING	XSITION	TRANSITION																																																																																																																																																																																																												
HDR.	HEADER																																																																																																																																																																																																														
I.D.	INSIDE DIAMETER (DIM)																																																																																																																																																																																																														
INSUL.	INSULATION																																																																																																																																																																																																														
INT.	INTERIOR																																																																																																																																																																																																														

COMMON GRAPHICS AND SYMBOLS

*** NOT INTENDED TO BE EXHAUSTIVE. OTHER DISCIPLINES CONTAIN GRAPHICS AND SYMBOLS SPECIFIC TO THOSE DRAWINGS.

SYMB.	DESCRIPTION	LINE TYPE	DESCRIPTION	SHEET NUMBERING SYSTEM
	NORTH DIRECTION		HIDDEN LINES	
	KEYNOTE CALLOUT		CENTER LINE	
	PROPERTY LINE		FENCE LINE	
	BREAK LINE		ELEVATION TARGETS	
	WINDOW CALLOUT			
	DOOR CALLOUT			
	REVISION CALLOUT			
	ROOM NUMBER CALLOUT			
	GRID TAG			
	DETAIL CALLOUT			
	DETAIL NUMBER			
	ELEVATION CALLOUT			
	ELEVATION NUMBER			

SECTION CALLOUTS

WALL OR PARTIAL SECTION

SECTION CUT AND VIEW DIRECTION

CABINET CALLOUT

CABINET DESIGN SERIES NUMBER

MODIFIED (M) LOCKING (L)

CABINET DESIGNATION PER NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS 3rd EDITION

DEPTH

HEIGHT

WIDTH

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF TWO 30'x30' SHADE STRUCTURES w/ POWER AND DATA OUTLETS, AND TWO PEDESTAL-STYLE ADA-COMPLIANT DRINKING FOUNTAINS.

NOTE:
THIS APPLICATION NO. 03-124406 CANNOT BE CLOSED OR CERTIFIED UNTIL APPLICATION NO. 03-123115 IS CLOSED AND CERTIFIED.

D.S.A. NOTES

1. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

2. A "DSA CERTIFIED" CLASS 2 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

3. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

4. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK, SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)

5. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

6. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, C.C.R. PRIOR TO START OF WORK.

7. ITEMS LISTED AS NOT A PART OF THIS APPROVAL REFERS TO ITEMS THAT ARE NOT SUBJECT TO DSA REVIEW AND APPROVAL. ITEMS LISTED AS NOT A PART OF THIS CONTRACT OR FOR REFERENCE ONLY ARE NOT A PART OF THE CONTRACTOR'S SCOPE OF WORK.

VICINITY MAP

LOCATION MAP

DESIGN TEAM

ARCHITECT OF RECORD

DOUGLAS K. JANZEN
DKJ ARCHITECTS INC.
1736 S. CENTRAL STREET, SUITE A
VISALIA, CALIFORNIA 93271
TEL (559) 738-0309
FAX: (559) 738-0114

ELECTRICAL ENGINEER

JOHN MALONEY
JMPE ELECTRICAL ENGINEERING
5900 MING AVENUE, SUITE 251
BAKERSFIELD, CALIFORNIA 93304
TEL: (661) 831-1013

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO, SHOP DRAWINGS PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(APPLICATION NO. 03-124406 FILE NO. 15-H3)

☒ THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET

☐ THIS DRAWING, PAGE OF SPECIFICATIONS/CALCULATION

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

1. DESIGN INTENT, AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND

2. COORDINATION WITH MY PLANS AND SPECIFICATIONS, AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE SHALL NOT BE CONSTRUED AS RELIEVING ME OF RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTION 117002 AND 81130 OF THE EDUCATION CODE, AND SECTIONS 4-336, 4-341 AND 4-344 OF TITLE 24, PART 1 (TITLE 24, PART 1, SECTIONS 4-317 (b)).

I FIND THAT:

☒ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET

☐ THIS DRAWING OR PAGE

☒ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND

☒ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATION

☐ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND

☐ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATION

SIGNATURE DATE 05/28/2024

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

DOUGLAS K. JANZEN

PRINT NAME

C-14260 05-31-2025

LICENSE NUMBER EXPIRATION DATE

SIGNATURE DATE

ARCHITECT OR ENGINEER DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK

PRINT NAME

LICENSE NUMBER EXPIRATION DATE

AIR QUALITY REQUIREMENTS

CONTRACTOR TO STORE OFF SITE IN A DRY, VENTILATED WAREHOUSE OR OTHER BUILDING ALL PRODUCTS HAVING ODORS OR SIGNIFICANT VOC EMISSIONS FOR A SUFFICIENT PERIOD TO OFF- GAS BEFORE DELIVERY TO THE CONSTRUCTION SITE. PRODUCTS TO BE STORED WITHOUT CONTAINERS OR PACKAGING TO MAXIMIZE OFF-GASSING OF VOCs.

CONTRACTOR TO COORDINATE CONSTRUCTION SCHEDULING SO THAT ALL ODOROUS AND/OR HIGH OC PRODUCTS SHALL BE INSTALLED BEFORE ANY POROUS OR FIBROUS MATERIALS.

CONTRACTOR TO VACUUM ALL CARPET AND OTHER ACCESSIBLE SURFACES WITH A CRI GREEN LABEL OR HEPA VACUUM THAT EXCEEDS CRI CRITERIA AFTER COMPLETION OF CONSTRUCTION PRIOR TO OCCUPANCY.

FLOOD ZONE INFORMATION

FLOOD ZONE DESCRIPTION : ZONE X

F.I.R.M. PANEL DESIGNATION : MAP# 06024C2300E

EFFECTIVE DATE OF F.I.R.M. : 4/26/2008

APPLICABLE CODES

TITLE 19 CCR 2022 PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

TITLE 24 CCR, PART 1-2022 CALIFORNIA ADMINISTRATIVE CODE

TITLE 24 CCR, PART 2-2022 CALIFORNIA BUILDING CODE VOL. 1 & 2 (CBC) (2021 IBC AS AMENDED BY CA)

TITLE 24 CCR, PART 3-2022 CALIFORNIA ELECTRICAL CODE (CEC) (2020 NEC AS AMENDED BY CA)

TITLE 24 CCR, PART 4-2022 CALIFORNIA MECHANICAL CODE (CMC) (2021 UMC AS AMENDED BY CA)

TITLE 24 CCR, PART 5-2022 CALIFORNIA PLUMBING CODE (CPC) (2021 UPC AS AMENDED BY CA)

TITLE 24 CCR, PART 6-2022 CALIFORNIA ENERGY CODE

TITLE 24 CCR, PART 9-2022 CALIFORNIA FIRE CODE (CFC) (2021 IFC AS AMENDED BY CA)

TITLE 24 CCR, PART 11-2022 CALIFORNIA GREEN BUILDING STD. CODE

TITLE 24 CCR, PART 12-2022 CALIFORNIA REFERENCED STANDARDS

2021 NFPA 11, DRY CHEMICAL EXTINGUISHING SYSTEMS

2021 NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS

2022 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE

2017 UL 464, AUDIBLE SIGNAL APPLIANCES

DEFERRED APPROVALS

NO DEFERRED APPROVAL ITEMS.

DRAWING INDEX

TOTAL SHEET COUNT = 15 SHEETS

GENERAL

60 COVER SHEET

61 GENERAL NOTES

CIVIL

C1 GRADING PLAN

ARCHITECTURAL SITE

A51 OVERALL SITE PLAN AND CODE ANALYSIS

A52 ENLARGED SITE DEMO PLAN AND ENLARGED SITE PLAN

A53 SITE DETAILS

ARCHITECTURAL

A1 EXISTING RESTROOMS

ELECTRICAL

E5-0 NOTES, SYMBOLS & DETAILS

E5-1 PARTIAL SITE PLAN

E5-2 PARTIAL SITE PLAN

SHADE STRUCTURE DRAWINGS PC# 04-121917

T-10 TITLE SHEET

T-20 UNIT SELECTION

T-30 T&I FORMS

17.1-1000 PRODUCT INFORMATION

17.2-2000 SPECIFICATIONS

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

APP: 03-124406 INC:

REVIEWED FOR

SS ☒ FLS ☒ ACS ☒

DATE: 10/17/2024

inc.

architects

1736 S. Central Street, Suite A
Visalia, CA 93277
P: 559.738.0309 • info@dkjarchitects.com

DOUGLAS K. JANZEN
C-14260
REV. 5-31-2025
STATE OF CALIFORNIA

DRAWN BY: TL

DATE: 08/29/2024

REVISED:

SHADE STRUCTURES AND CHANGING ROOMS AT INDEPENDENCE HIGH SCHOOL KERN HIGH SCHOOL DISTRICT

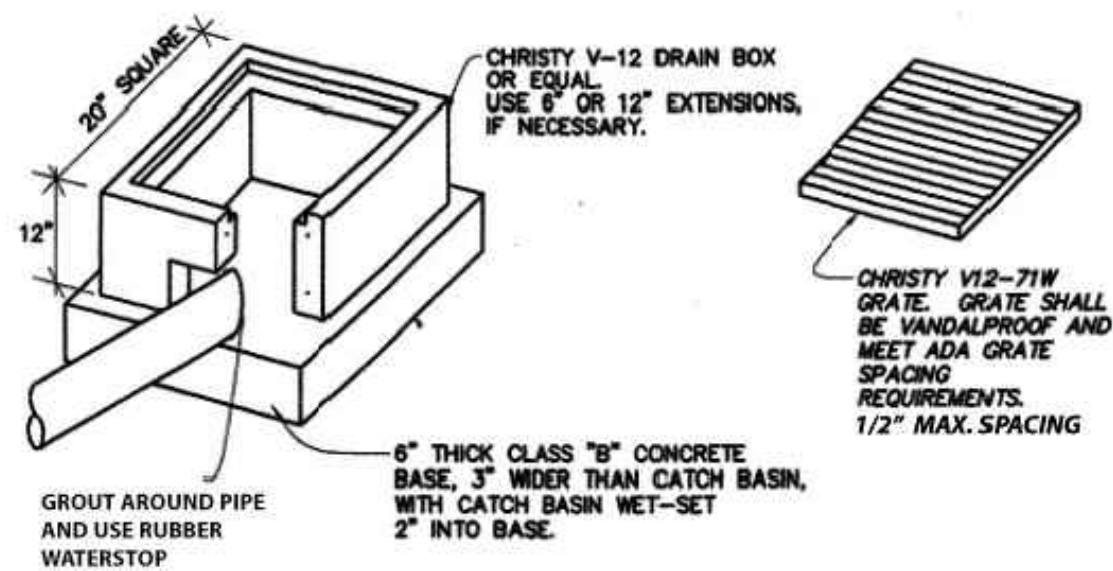
PROJECT NUMBER: 202404.10

DRAWING TITLE

G1 GENERAL NOTES

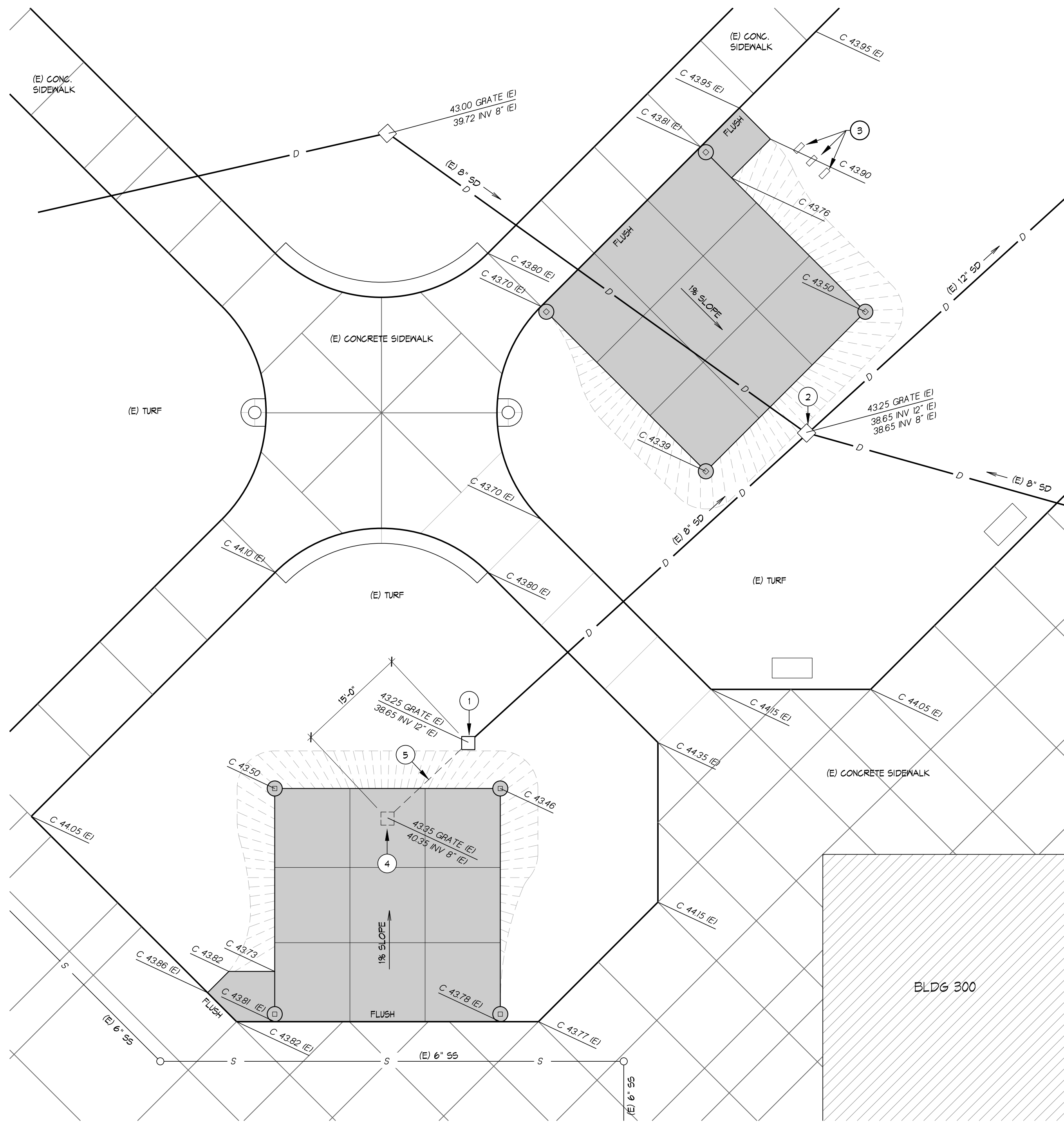
DRAWING NUMBER

G1



CATCH BASIN
SCALE : N.T.S.

1



GRADING PLAN
SCALE : 1" = 10'

KEYNOTES

- 1 NEW CATCH BASIN. REFER TO DTL. 1/C1
- 2 EXISTING CATCH BASIN TO REMAIN
- 3 RELOCATE IRRIGATION BOXES, LIDS RESET AT FIN. GRADE
- 4 REMOVE (E) CATCH BASIN, INFILL AND COMPACT.
- 5 ABANDON PORTION (E) STORM DRAIN

LEGEND

- (N) 4" CONCRETE SLAB
- SLOPED FILL AT MAX 5% SLOPE
- INV INVERT ELEVATION
- C TOP OF CONCRETE ELEVATION
- (E) EXISTING

- D STORM DRAIN LINE
- S SEWER LINE

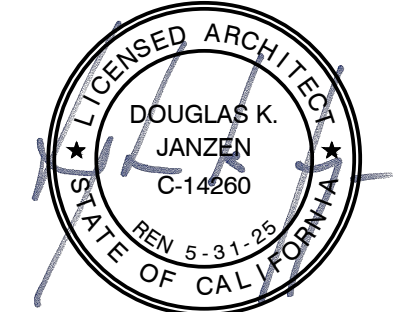
BENCH MARK

TOP OF MONUMENT AT THE CENTERLINE INTERSECTION OF OLD RIVER ROAD AND MCGUTCHEEN ROAD
ELEV = 343.54

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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DRAWN BY: TL
DATE: 08/29/2024
REVISED:

SHADE STRUCTURES
AND CHANGING ROOMS
AT
INDEPENDENCE HIGH SCHOOL
KERN HIGH SCHOOL DISTRICT

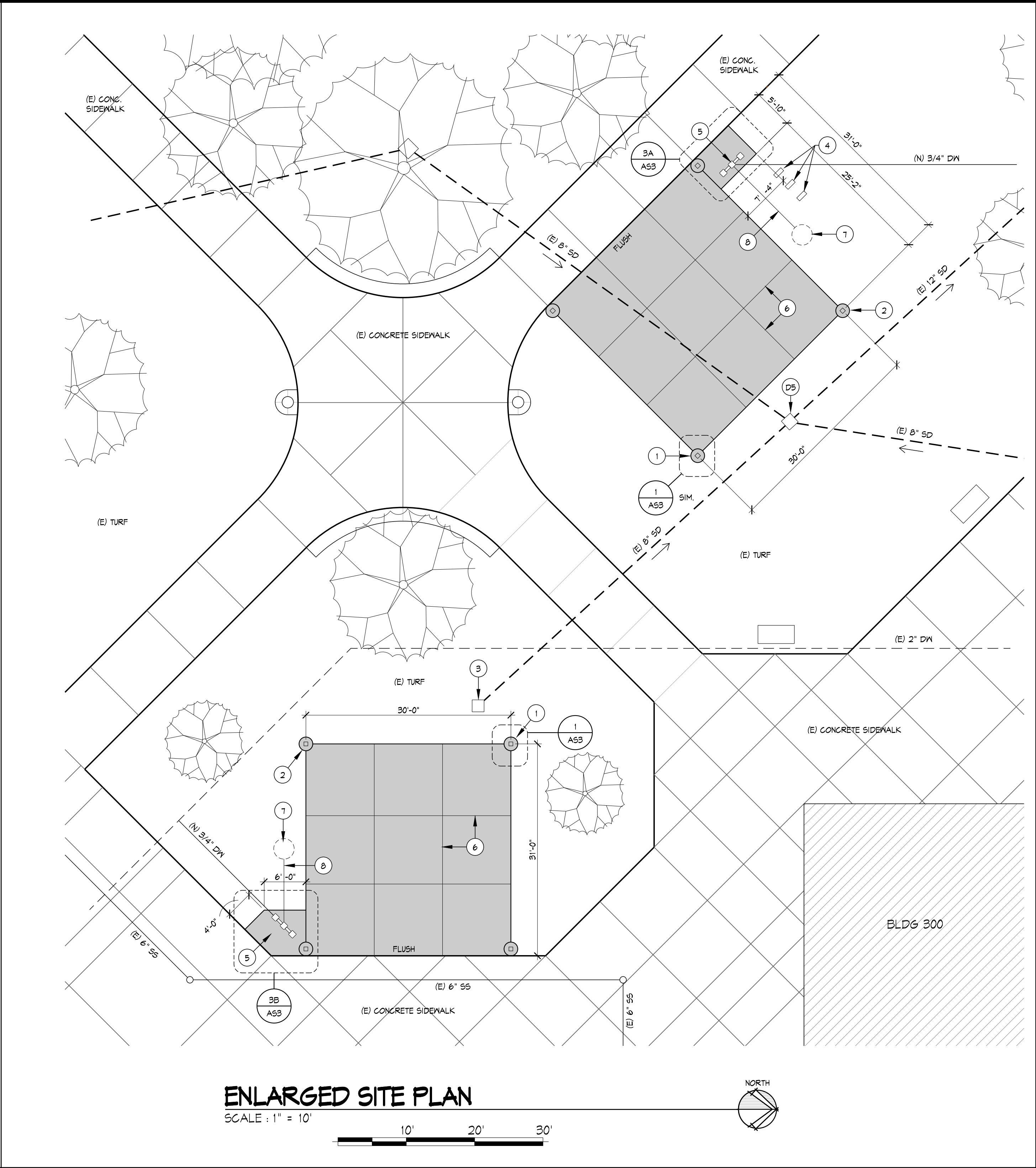
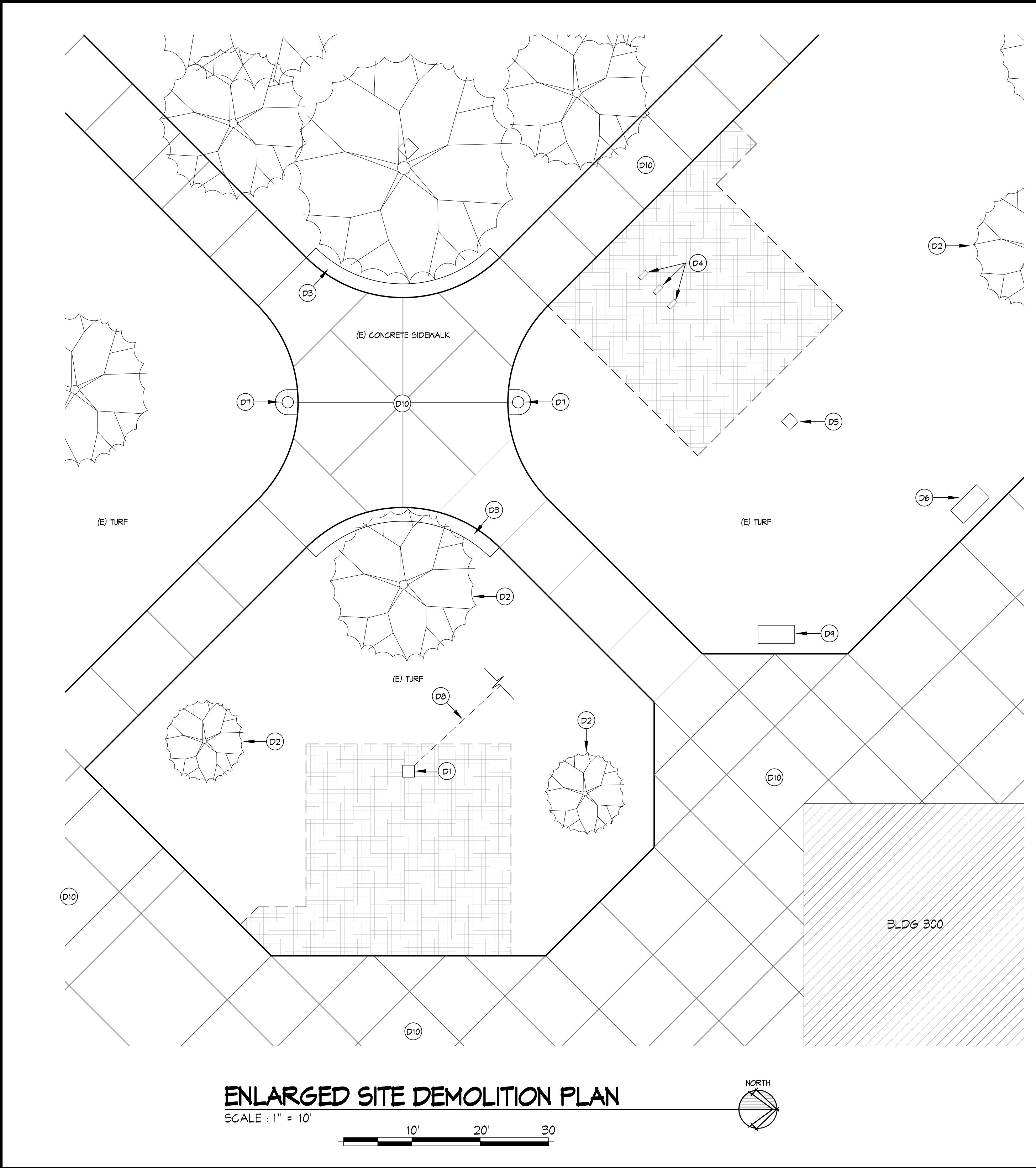
PROJECT NUMBER: 202404.10

DRAWING TITLE

GRADING PLAN

DRAWING NUMBER

C1



DEMOLITION KEYNOTES
(D1) REMOVE (E) CATCH BASIN. INFILL AND COMPACT.
(D2) (E) TREE TO REMAIN. PROTECT FROM DAMAGE DURING COURSE OF WORK.
(D3) (E) CONCRETE BENCHES.
(D4) REMOVE (E) IRRIGATION BOXES.
(D5) (E) CATCH BASIN TO REMAIN
(D6) (E) HIGH VOLTAGE PULL BOX. PROTECT FROM DAMAGE.
(D7) (E) LIGHT STANDARD. PROTECT FORM DAMAGE.
(D8) ABANDON PORTION (E) STORM DRAIN
(D9) (E) DATA PULL BOX. PROTECT FROM DAMAGE
(D10) (E) CONCRETE SIDEWALK. PROTECT FROM DAMAGE

DEMOLITION LEGEND
(E) BUILDINGS
(E) TURF TO BE REMOVED

CONSTRUCTION KEYNOTES
(1) (N) CONCRETE FOOTING AT COLUMN W/ RECEPTACLE BOX, SEE DETAIL 1/A53, TYP. OF 1
(2) (N) CONCRETE FOOTING AROUND COLUMN. (OMIT RECEPTACLE BOX AND CONDUIT REFERENCES) SEE DETAIL 1/A53, TYP. OF 3
(3) NEW CATCH BASIN. REFER TO DWG. C1, GRADING PLAN
(4) RELOCATE IRRIGATION BOXES. LIDS RESET AT FIN. GRADE
(5) PEDESTAL-STYLE HI-LOW ACCESSIBLE DRINKING FOUNTAIN. REFER TO DTL. 3/A53
(6) DEEP CRACK CONTROL JOINTS AT 10' O.C. BOTH WAYS
(7) DRYWELL. REFER TO DETAIL 4/A53.
(8) 2" PVC DRAINLINE

CONSTRUCTION LEGEND
(N) 4" CONCRETE SLAB

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dkj inc. architects

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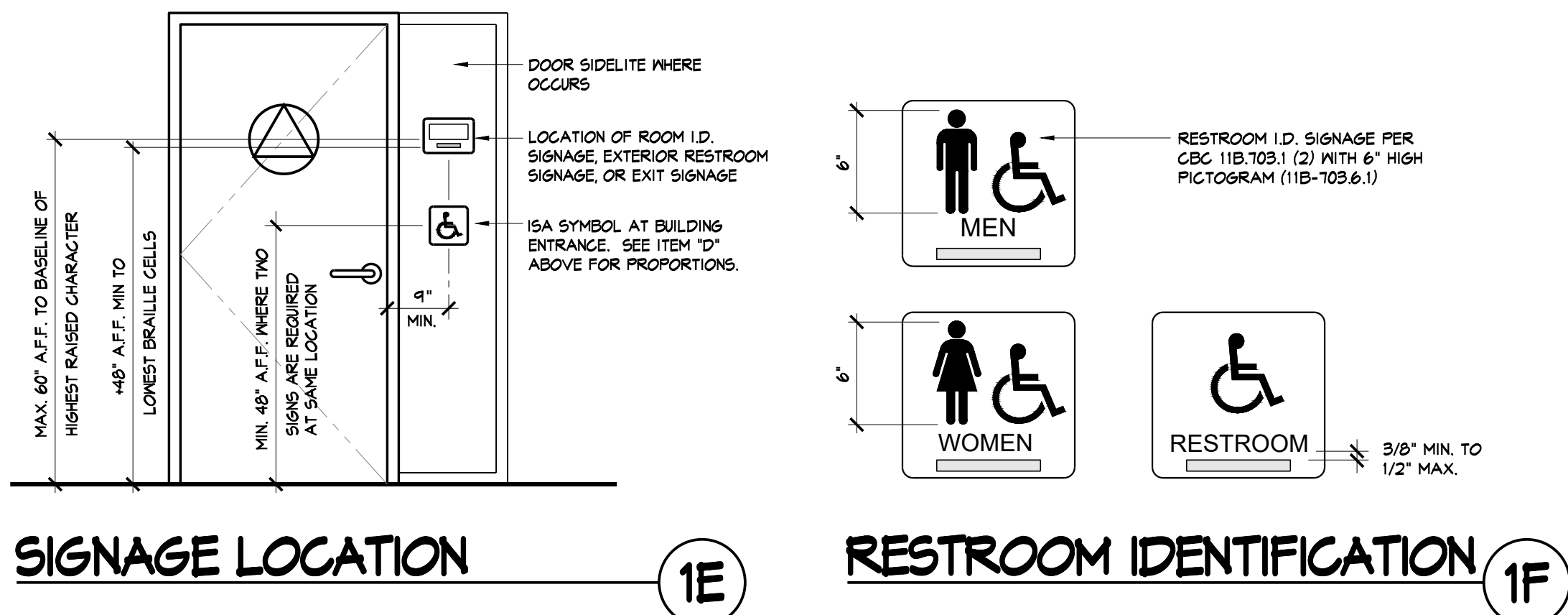
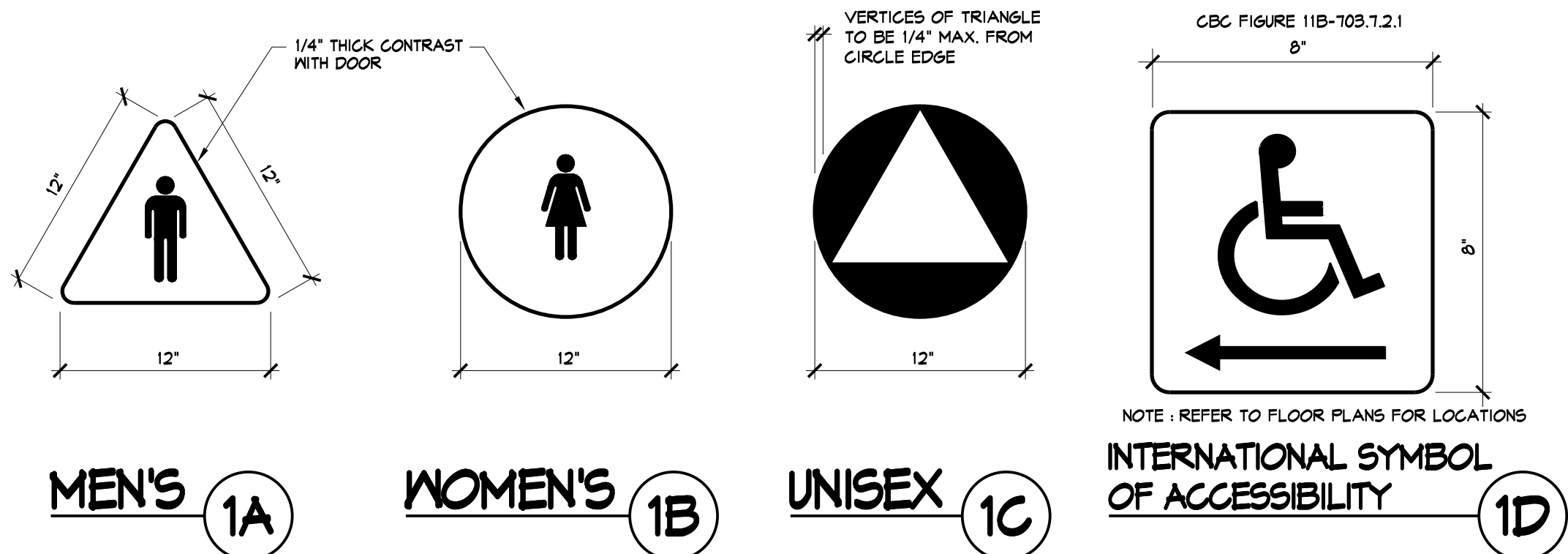
LICENSED ARCHITECT
DOUGLAS K. JANZEN
C-14260
EXPIRES 6-30-25
STATE OF CALIFORNIA

DRAWN BY: TL
DATE: 08/29/2024
REVISED:

SHADE STRUCTURES
AND CHANGING ROOMS
AT
INDEPENDENCE HIGH SCHOOL
KERN HIGH SCHOOL DISTRICT

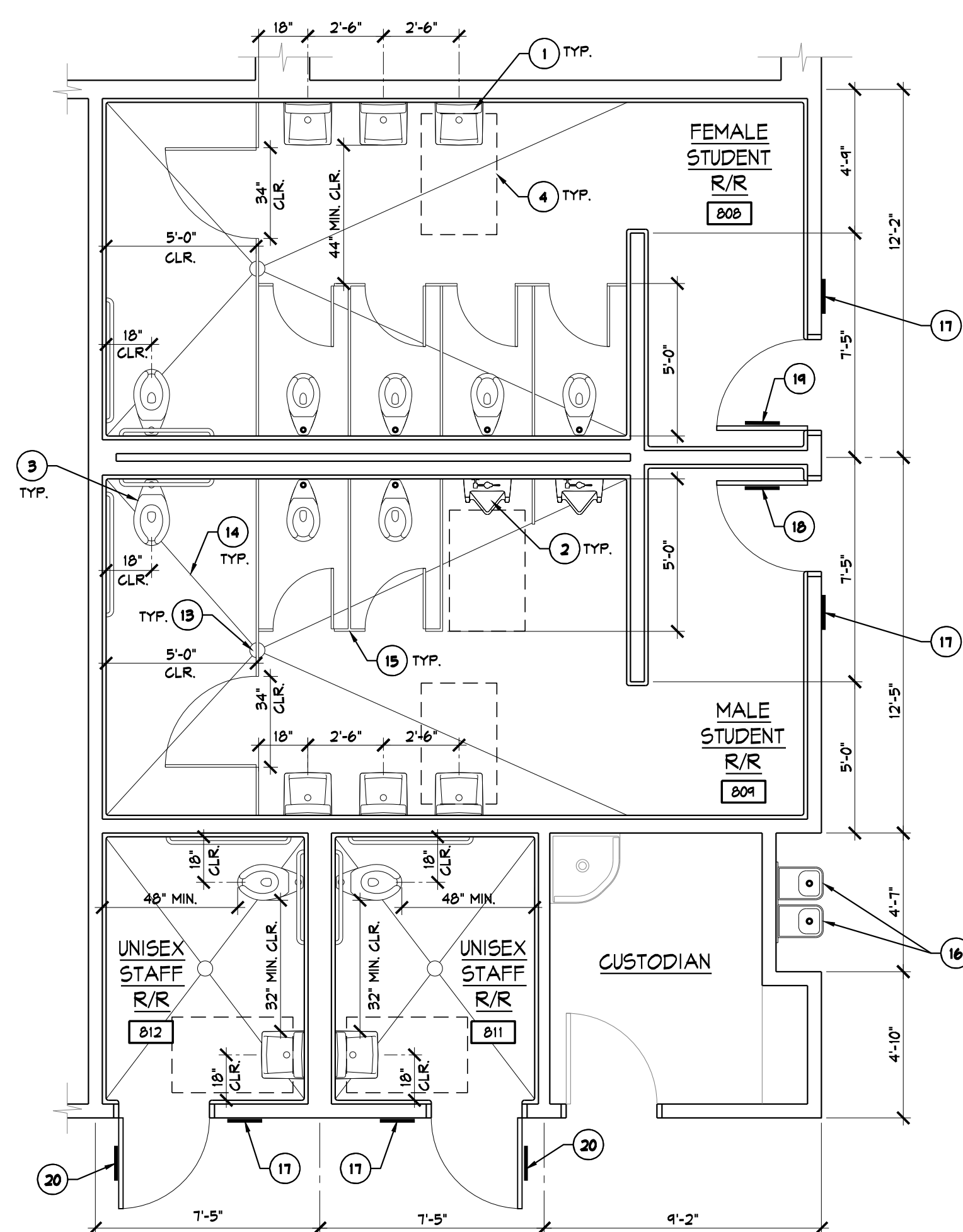
PROJECT NUMBER: 202404.10
DRAWING TITLE
ENLARGED SITE DEMO
PLAN AND ENLARGED
SITE PLAN
DRAWING NUMBER
AS2

2



TYPICAL ACCESSIBLE SIGNAGE DETAILS

SCALE : NTS



APP # 03-123115 UNDER CONSTRUCTION

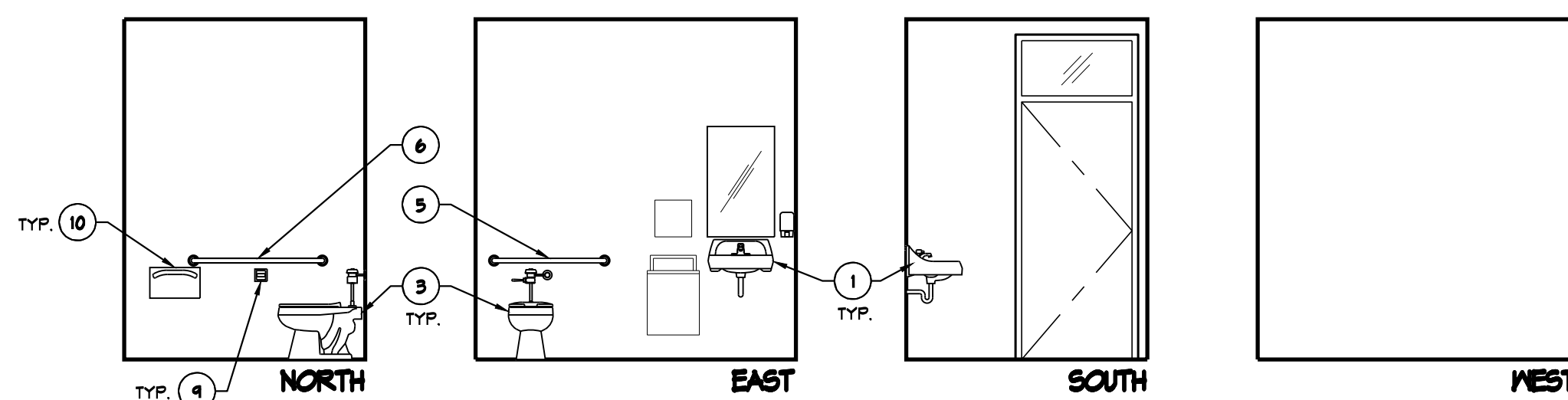
BUILDING 800 EXISTING RESTROOMS PLAN

SCALE : 1/4" = 1'-0" FOR REFERENCE ONLY

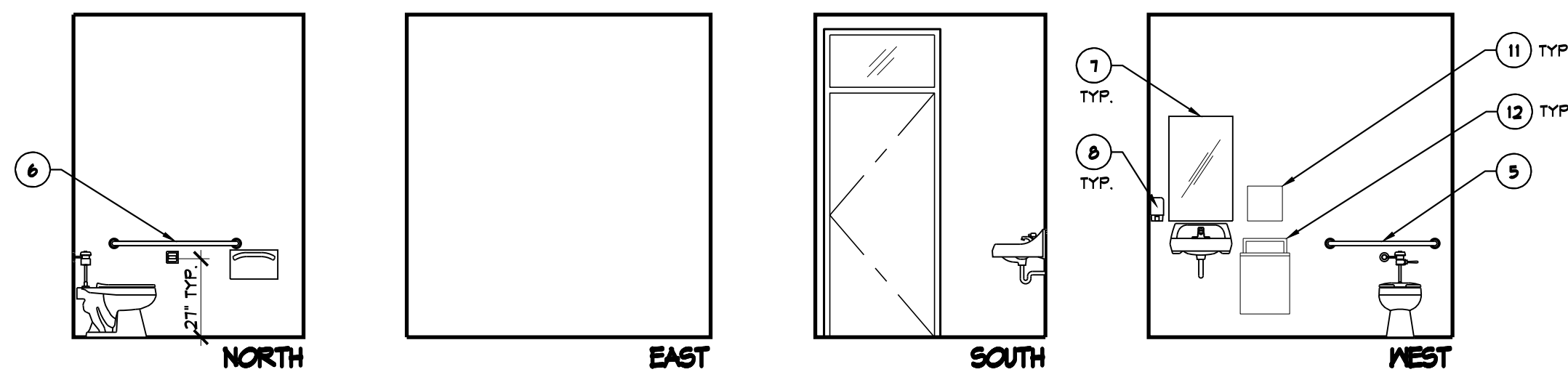
APP # 03-123115 UNDER CONSTRUCTION

BUILDING 800 EXISTING RESTROOMS INTERIOR ELEVATIONS

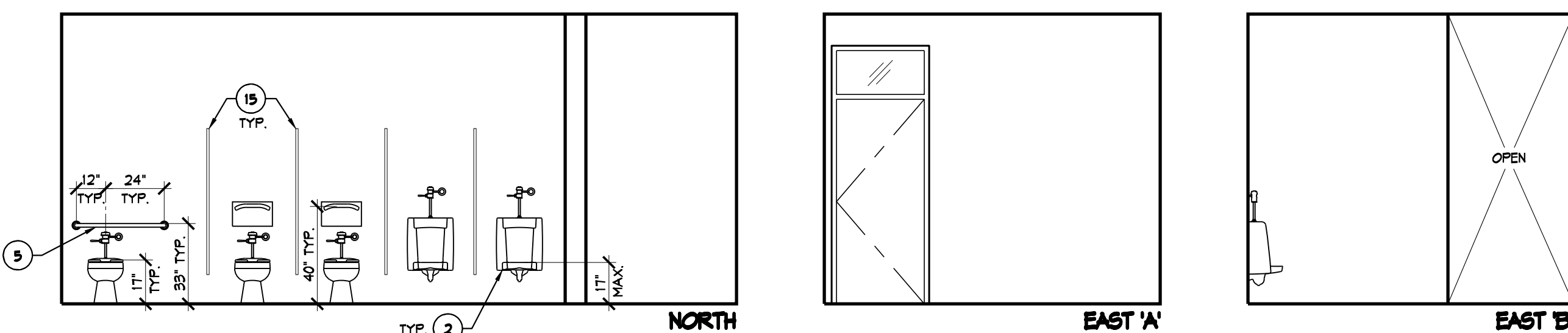
SCALE : 1/4" = 1'-0" FOR REFERENCE ONLY



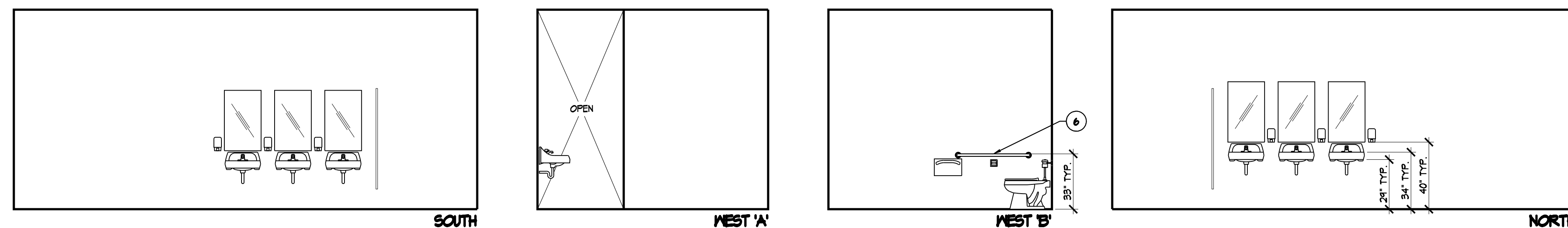
812 UNISEX STAFF RESTROOM



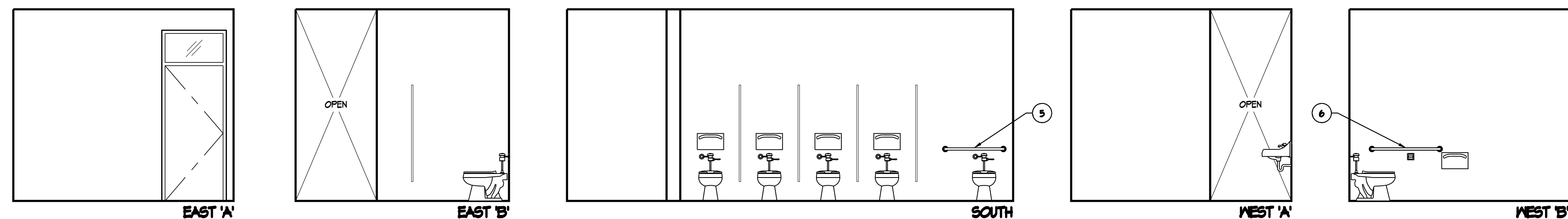
811 UNISEX STAFF RESTROOM



801 MALE STUDENT RESTROOM



801 MALE STUDENT RESTROOM (CONT.)



800 FEMALE STUDENT RESTROOM (CONT.)

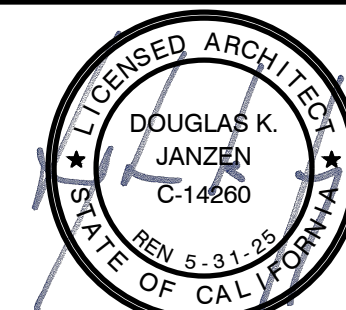
KEYNOTES

- (E) WALL-MOUNTED LAVATORY
- (E) WALL-MOUNTED URINAL
- (E) FLOOR-MOUNTED WATER CLOSET
- 30"x48" CLEAR SPACE
- (E) 36" GRAB BAR
- (E) 42" GRAB BAR
- (E) MIRROR
- (E) SOAP DISPENSER
- (E) TOILET PAPER DISPENSER
- (E) TOILET SEAT COVER DISPENSER
- (E) PAPER TOWEL DISPENSER
- (E) WASTE RECEPTICAL
- (E) FLOOR DRAIN
- (E) FLOOR SLOPES TO DRAIN 2% MAX. TYP.
- (E) TOILET PARTITIONS
- (E) DRINKING FOUNTAIN
- (N) SIGNAGE PER DETAIL 1E & IF THIS SHEET
- (N) DOOR SIGNAGE PER DETAIL 1A & IF THIS SHEET
- (N) DOOR SIGNAGE PER DETAIL 1B & IF THIS SHEET
- (N) DOOR SIGNAGE PER DETAIL 1C & IF THIS SHEET

IDENTIFICATION STAMP
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SHADE STRUCTURES
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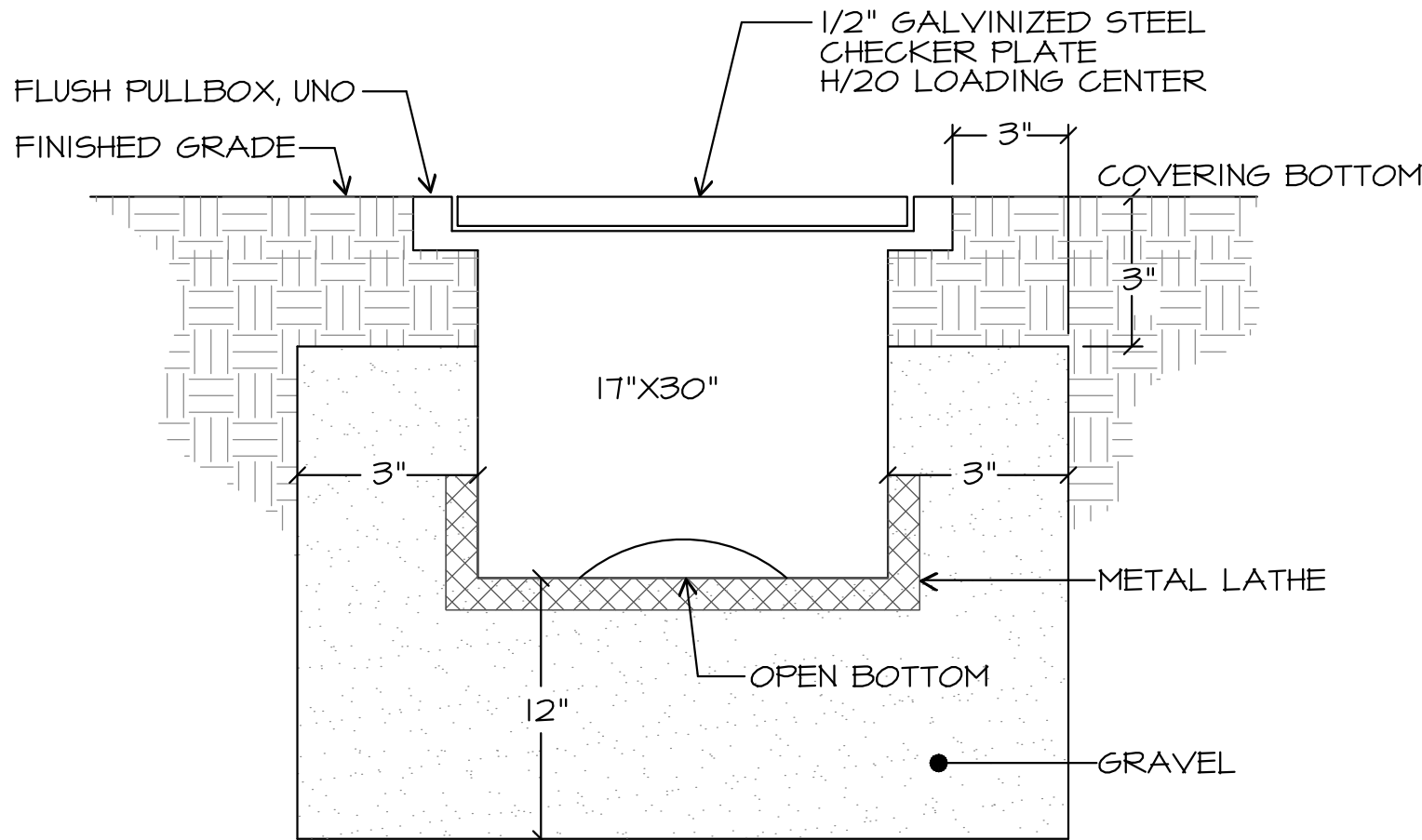
PROJECT NUMBER: 202404.10
DRAWING TITLE

EXISTING RESTROOMS

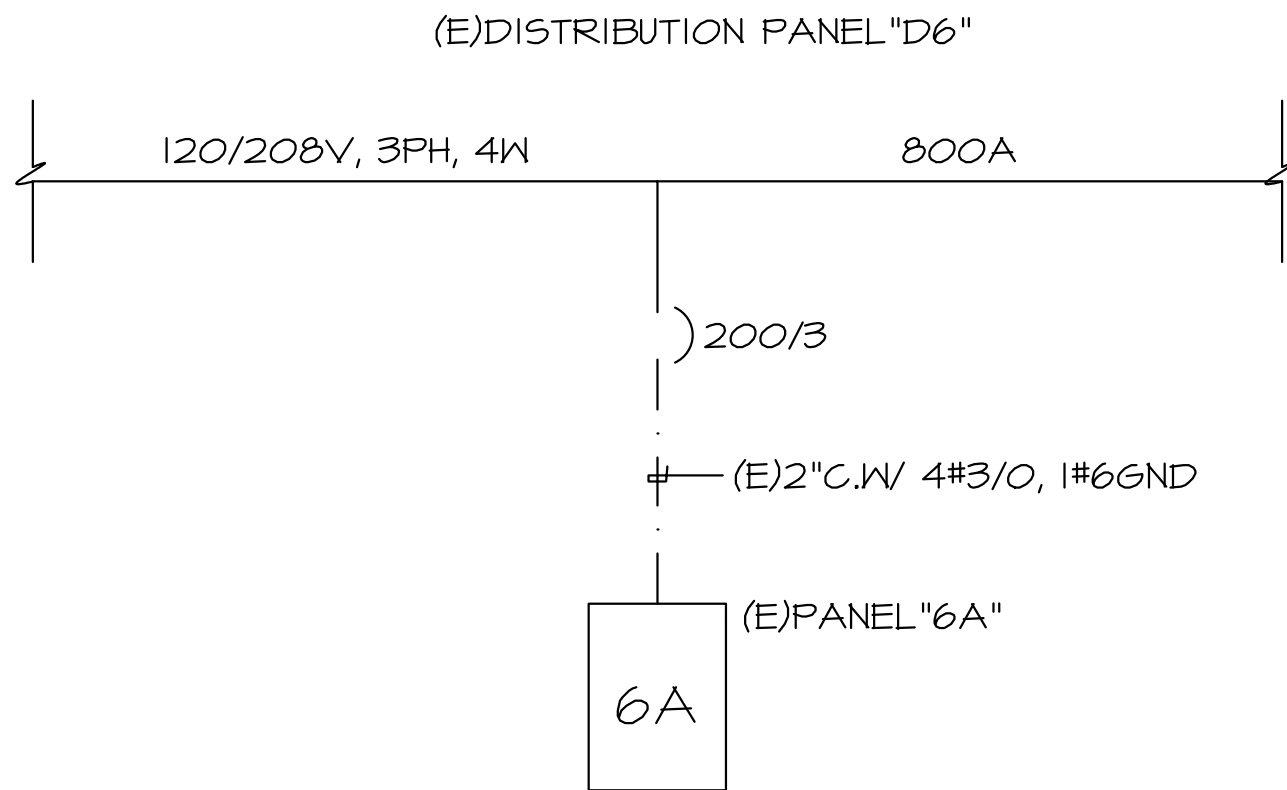
DRAWING NUMBER

A1

APPLICABLE CODE REQUIREMENTS	
PERFORMANCE OF THE WORK OF THIS CONTRACT SHALL CONFORM TO THE REQUIREMENTS OF APPLICABLE GOVERNING CODES AND ORDINANCES INCLUDING THE FOLLOWING:	
2022	BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
2022	CALIFORNIA BUILDING CODE, PART 2, TITLE 24 C.C.R. (2020 IBC, VOLUMES 1-3 WITH CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24 C.C.R. (2020 N.E.C. WITH CALIFORNIA AMENDMENTS)
2022	CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 C.C.R (2020 U.M.C. WITH CALIFORNIA AMENDMENTS)
2022	CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 C.C.R. (2020 U.P.C. WITH CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
2022	CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2012 I.F.C. WITH CALIFORNIA AMENDMENTS)
2022	CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
NFPA 13	AUTOMATIC SPRINKLER SYSTEM -----2022 EDITION
NFPA 14	STANDPIPE SYSTEM -----2019 EDITION
NFPA 17A	WET CHEMICAL SYSTEM -----2021 EDITION
NFPA 24	PRIVATE SERVICE MAINS -----2022 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE -----2022 EDITION (NOTE SEE UL STANDARDS 1971 FOR ("VISUAL DEVICES"))



FLUSH PULLBOX DETAIL
SCALE: NONE



SINGLE LINE DIAGRAM
SCALE: NONE

APPLICABLE CODE: 2022 CBC
MEP COMPONENT ANCHORAGE NOTE
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30:
1. ALL PERMANENT EQUIPMENT AND COMPONENTS. 2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G., HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE. 3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.
THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:
A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT. B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURE ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
ELECTRICAL DISTRIBUTION SYSTEMS (E):
DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

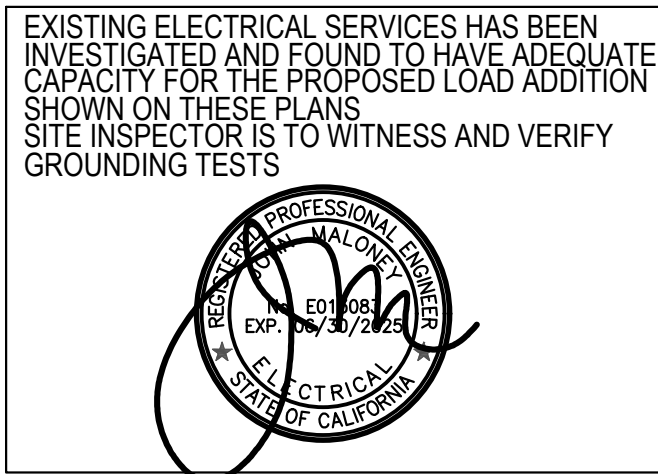
GENERAL NOTES

- VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
- THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2022 CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES. WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
- CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
- ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OF APPROVAL.
- CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
- FURNISH DISCONNECT SWITCHES AT REMOTE MOTORS.
- ALL SPACES AS INDICATED ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BUSSING FOR FUTURE BREAKER OR SWITCH.
- CHECK ARCHITECTURAL PLANS FOR DOOR SWINGS BEFORE INSTALLING SWITCH OUTLETS.
- GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
- ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GREEN GROUND WIRE.
- THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- ALL CONDUCTORS SHALL BE IN CONDUIT.
- ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION.

ACCESSIBILITY NOTES

Installation of switches, outlets and controls to reflect the accessibility requirements of the 2022 CBC Chapters 11A and 11B for Accessibility.

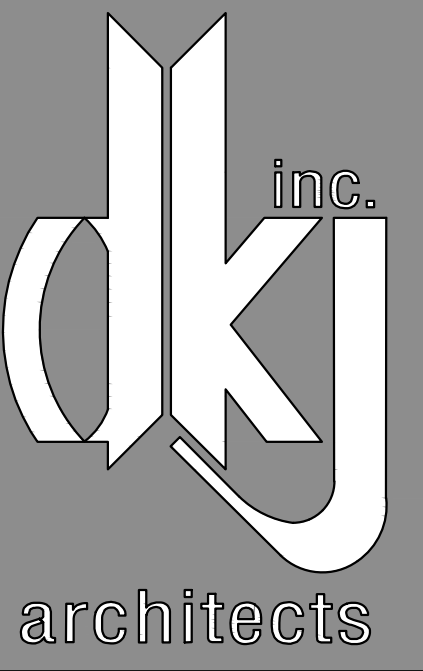
- CBC 11B-308.1.1 Electrical controls and switches intended to be used by the occupant of a room or area shall be located within the allowable reach ranges. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
- CBC 11B-308.1.2 Electrical receptacle outlets on branch circuits of 30 amperes or less and communication system receptacles shall be located in the allowable reach range. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
- CBC 11B-308.2.1 High forward reach that is unobstructed shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above finish floor or ground.
- CBC 11B-308.2 Forward Reach Obstructed - Electrical receptacle outlets shall be located no more than 44 inches measured from the top of the receptacle outlet box when the obstruction is over 20" and does not exceed 25". When the depth is less than 20" height can be increased to 48". (desk counters)
- CBC 11B-308.3 Side Reach Obstructed - Electrical receptacle outlets shall be located no more than 46 inches measured from the top of the receptacle outlet box when the obstruction is over 10" and does not exceed 24". When the depth is less than 10" height can be increased to 48".
- Overhang light fixtures or wall fixtures projecting more than 4" from the wall surface shall be a minimum of 80" above the walking surface.



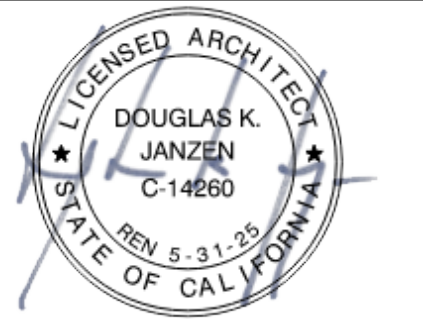
SYMBOLS

— — —	CONDUIT EXISTING
— — —	CONDUIT CONCEALED IN WALL OR CEILING
— — —	CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
— — —	CONDUIT STUBBED OUT AND CAPPED
— — —	CONDUIT TURNED UP
— — —	CONDUIT TURNED DOWN
— — —	HATCH MARKS INDICATE NO. OF #12 WIRES IN CODE SIZED CONDUIT (3) MAX. IN 1/2" C., (5) MAX. IN 3/4" C., (8) MAX. IN 1" C., NO MARKS = #212
— — —	HOME RUN: LETTER INDICATES PANEL, NUMBER(S) INDICATES CIRCUIT(S).
— — —	SAWCUT
— — —	GROUND CONNECTION
— — —	DISTRIBUTION SWITCHBOARD OR PANEL
— — —	PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH
— — —	SIGNAL TERMINAL CABINET, SURFACE & FLUSH
— — —	LINEAR SURFACE FIXTURE
— — —	OUTLET DATA: BAR INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO. INDICATES CIRCUIT.
— — —	SURFACE FIXTURE ON FLUSH OUTLET.
— — —	RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
— — —	EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT.
— — —	LOW LEVEL EXIT SIGN, +6" AFF, +4" FROM DOOR JAMB
— — —	LIGHT FIXTURE DESIGNATION. LETTER INDICATES TYPE, NO. INDICATES WATTAGE. SEE FIXTURE SCHEDULE.
— — —	MECHANICAL EQUIPMENT DESIGNATION. SEE MECHANICAL DRAWINGS.
— — —	SPECIAL RECEPTACLE - SEE PLAN
— — —	METER
— — —	FLUSH FLOOR RECEPTACLE
— — —	RECEPTACLE, DUPLEX, 15A, 125V, NEMA 5-15R +18" U.N.O.
— — —	DUPLEX RECEPTACLE MTD. ABOVE BACKSPLASH
— — —	DUPLEX RECEPTACLE W/LOWER HALF SWITCHED
— — —	GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
— — —	DOUBLE DUPLEX RECEPTACLE
— — —	CEILING RECEPTACLE
— — —	RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R +18" U.N.O.
— — —	JUNCTION BOX 4" SQUARE, 1-1/2" DEEP U.N.O.
— — —	THERMOSTAT F.B.O. +48"
— — —	MOTOR, NO. INDICATES HORSEPOWER
— — —	CLOCK OUTLET +7-6" U.N.O.
— — —	DISCONNECT SWITCH, NON-FUSED
— — —	DISCONNECT SWITCH FUSED HORSEPOWER RATED OR SIZED AS NOTED
— — —	COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH AND FUSES
— — —	MAGNETIC MOTOR STARTER W/OVERLOADS IN EACH PHASE
— — —	DIMMER W/INTEGRAL "ON-OFF" SW.
— — —	PUSHBUTTON
— — —	PHOTOCELL
— — —	SMOKE DETECTOR
— — —	TELEPHONE/COMPUTER/DATA OUTLET, TWO GANG BOX W/1 GANG COVERPLATE & GROMMETED OPENING +18" U.N.O.
— — —	CABLE TV OUTLET +18" U.N.O.
— — —	MOTION SENSOR
— — —	EXISTING SWITCH
— — —	SINGLE POLE SWITCH
— — —	DOUBLE POLE SWITCH
— — —	THREE WAY SWITCH
— — —	SWITCH W/PILOT LT.
— — —	MANUAL MOTOR STARTER
— — —	FIRE ALARM CONTROL PANEL
— — —	GROUND FAULT CIRCUIT INTERRUPTING
— — —	LABOR SAVING TANDEM
— — —	MAIN LUGS ONLY
— — —	WITH
— — —	CONDUIT ONLY
— — —	WEATHERPROOF
— — —	FURNISHED BY OTHERS, INSTALL & CONNECT
— — —	UNLESS NOTED OTHERWISE
— — —	NATIONAL ELECTRICAL CODE
— — —	NOT IN CONTRACT
— — —	EXISTING
— — —	NEW
— — —	REMOVE
— — —	RELOCATE
— — —	SURFACE MOUNT
— — —	UNDERGROUND
— — —	COLD WATER PIPE
— — —	ABOVE FINISHED FLOOR
— — —	HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
— — —	NIGHT LIGHT
— — —	NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124406 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 10/17/2024



1736 S. Central Street., Suite A
Visalia, CA 93277
P: 559.738.0309 • info@dkjarchitects.com

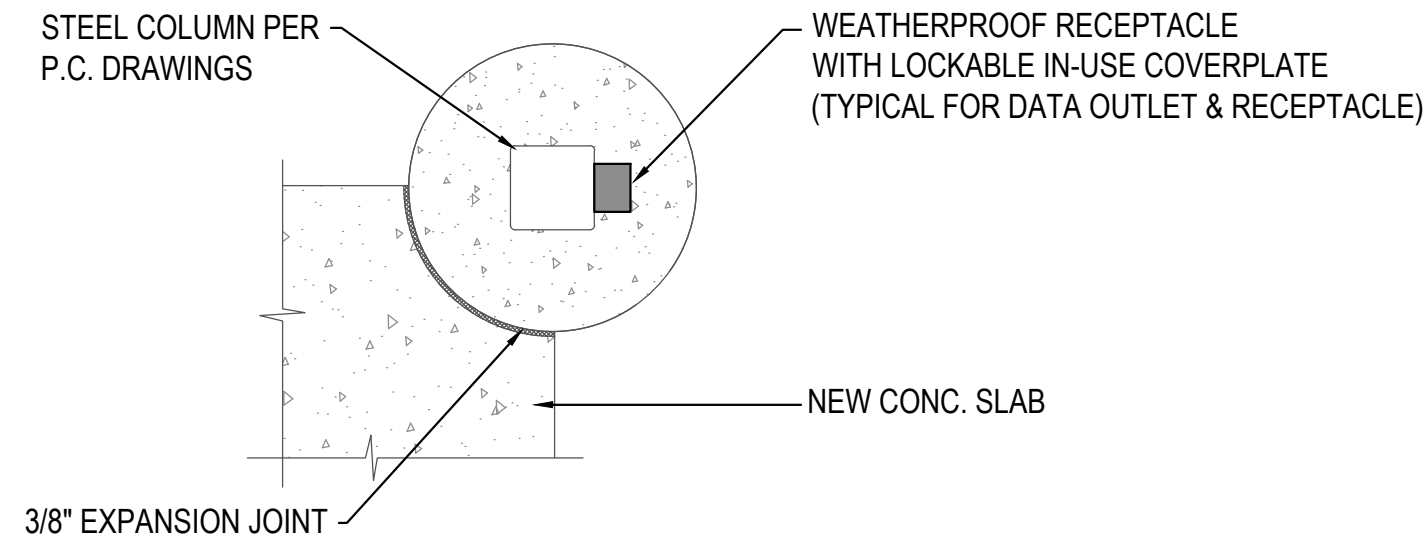


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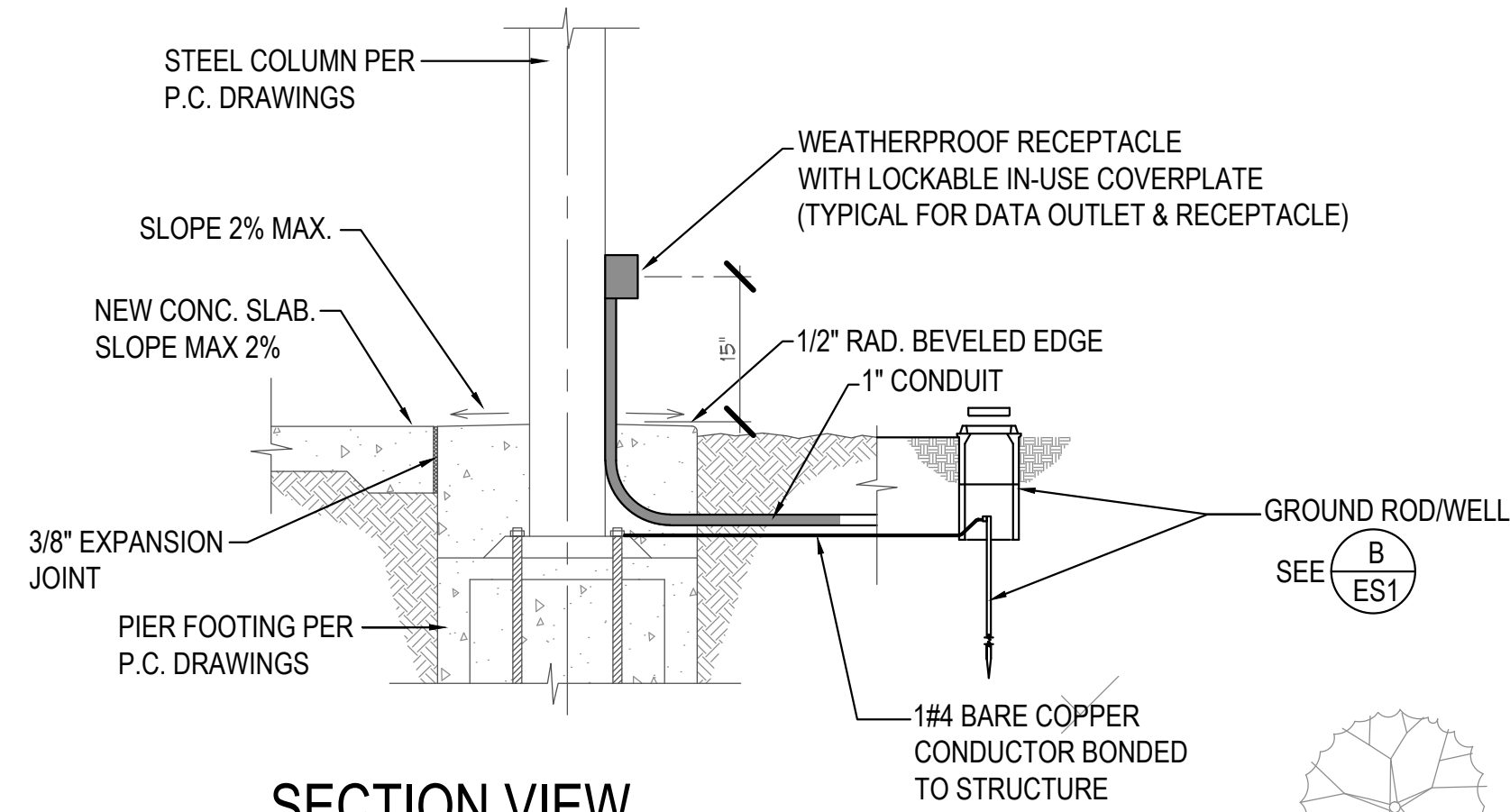
SHADE STRUCTURES
AND CHANGING ROOMS
AT
INDEPENDENCE HIGH
SCHOOL
KERN HIGH SCHOOL DISTRICT

PROJECT NUMBER:
DRAWING TITLE
**NOTES, SYMBOLS
& DETAILS**

DRAWING NUMBER
ES-0



PLAN VIEW



SECTION VIEW

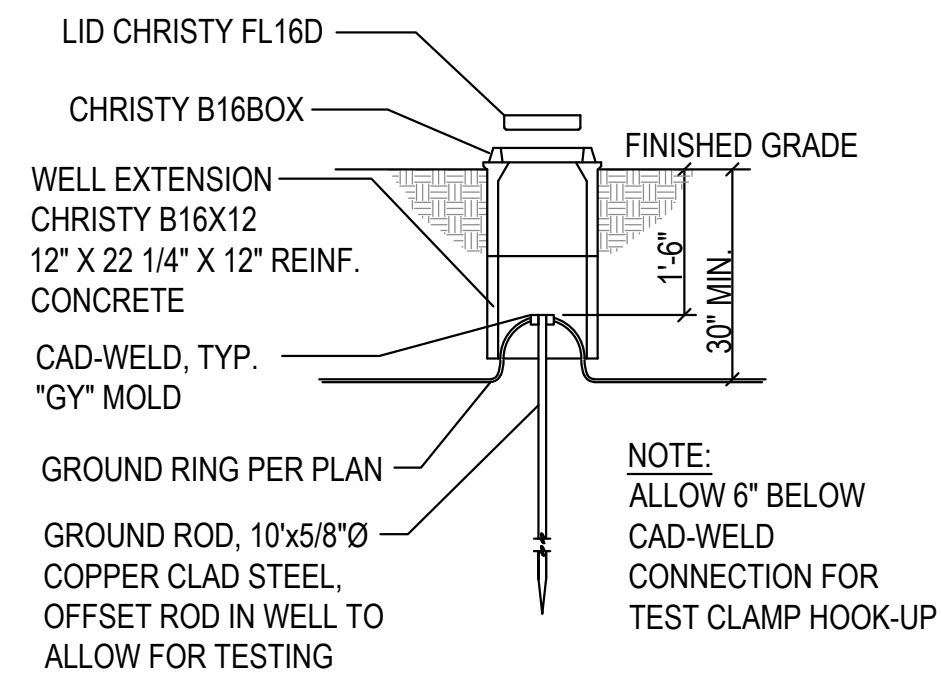
RECEPTACLE DETAIL AT COLUMN

SCALE : NONE

GROUND ROD DETAIL

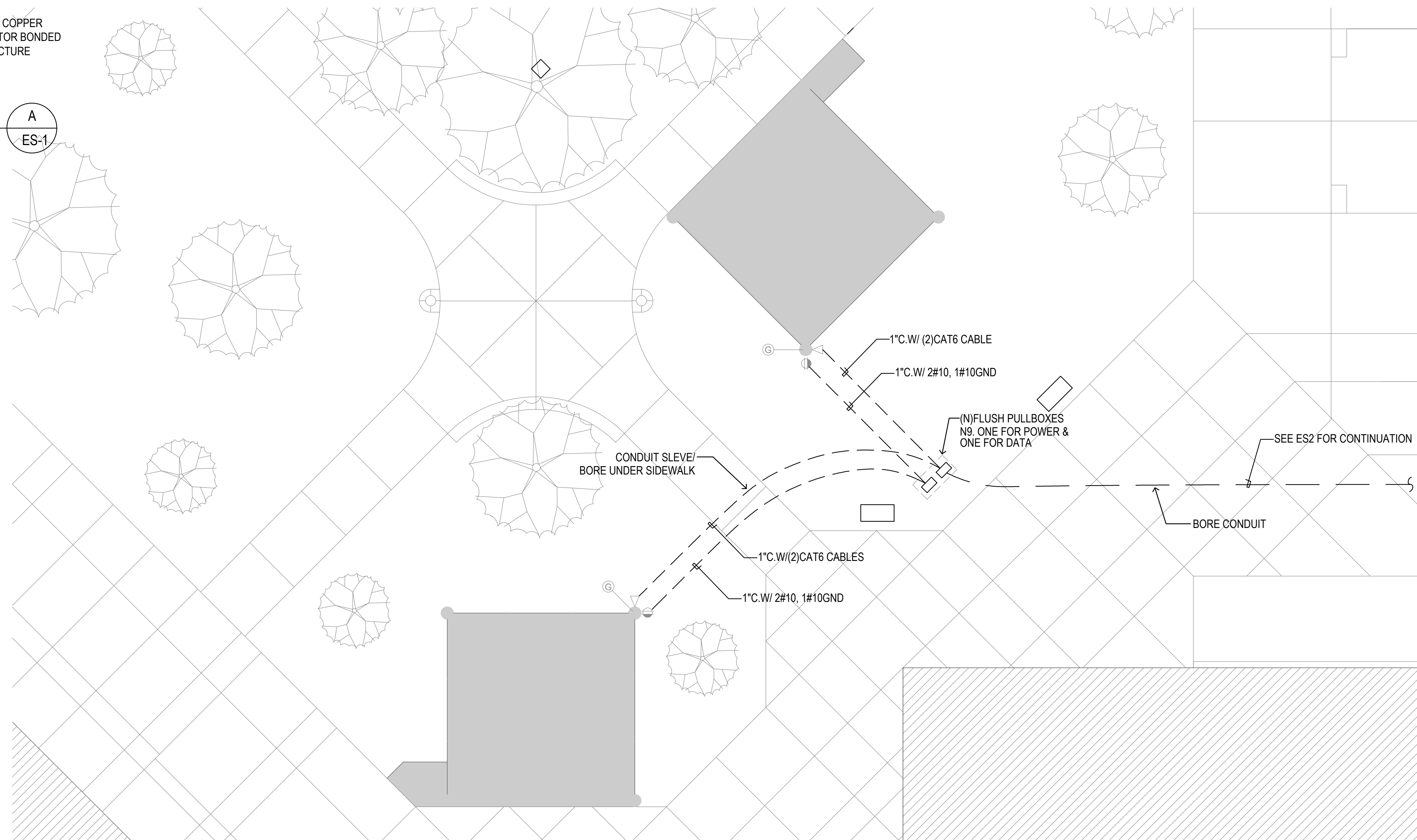
SCALE : NONE

B
ES-1



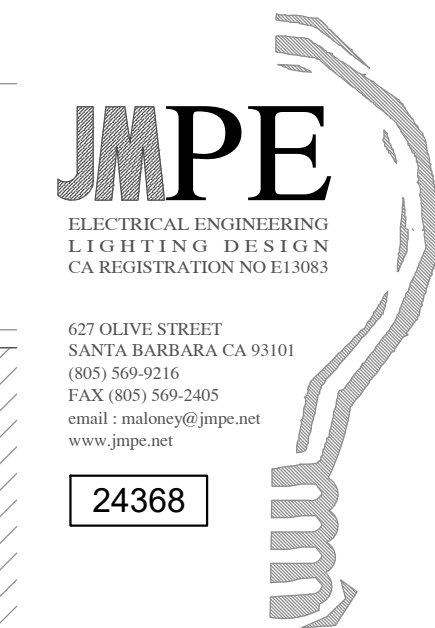
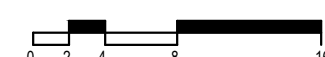
ELECTRICAL NOTES

- ① GROUND WELL.
- ② DATA OUTLET. BELL BOX W/2/RJ45 CONDUCTORS & WP DOOR
- ③ WP DUPLEX RECEPTACLE. BELL BOX W/ NEMA5-20R GFCI & WP DOOR



PARTIAL SITE PLAN

SCALE: 3/32" = 1'-0"

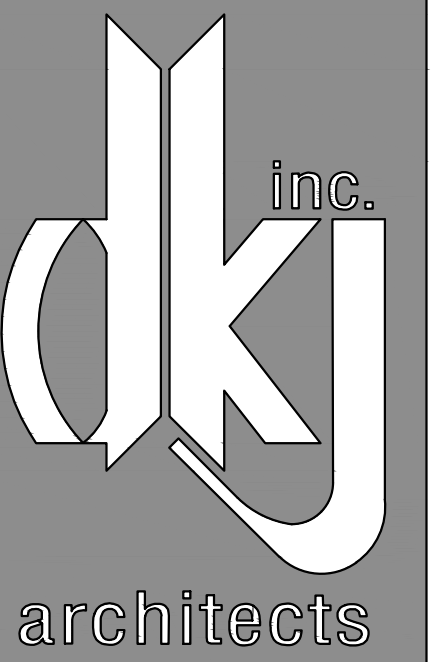
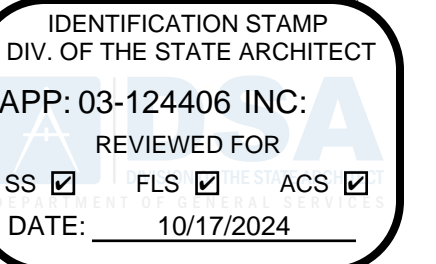


SHADE STRUCTURES
AND CHANGING ROOMS
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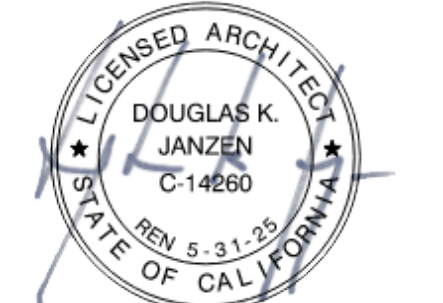
PROJECT NUMBER:
DRAWING TITLE
**PARTIAL SITE
PLAN**

DRAWING NUMBER
ES-1

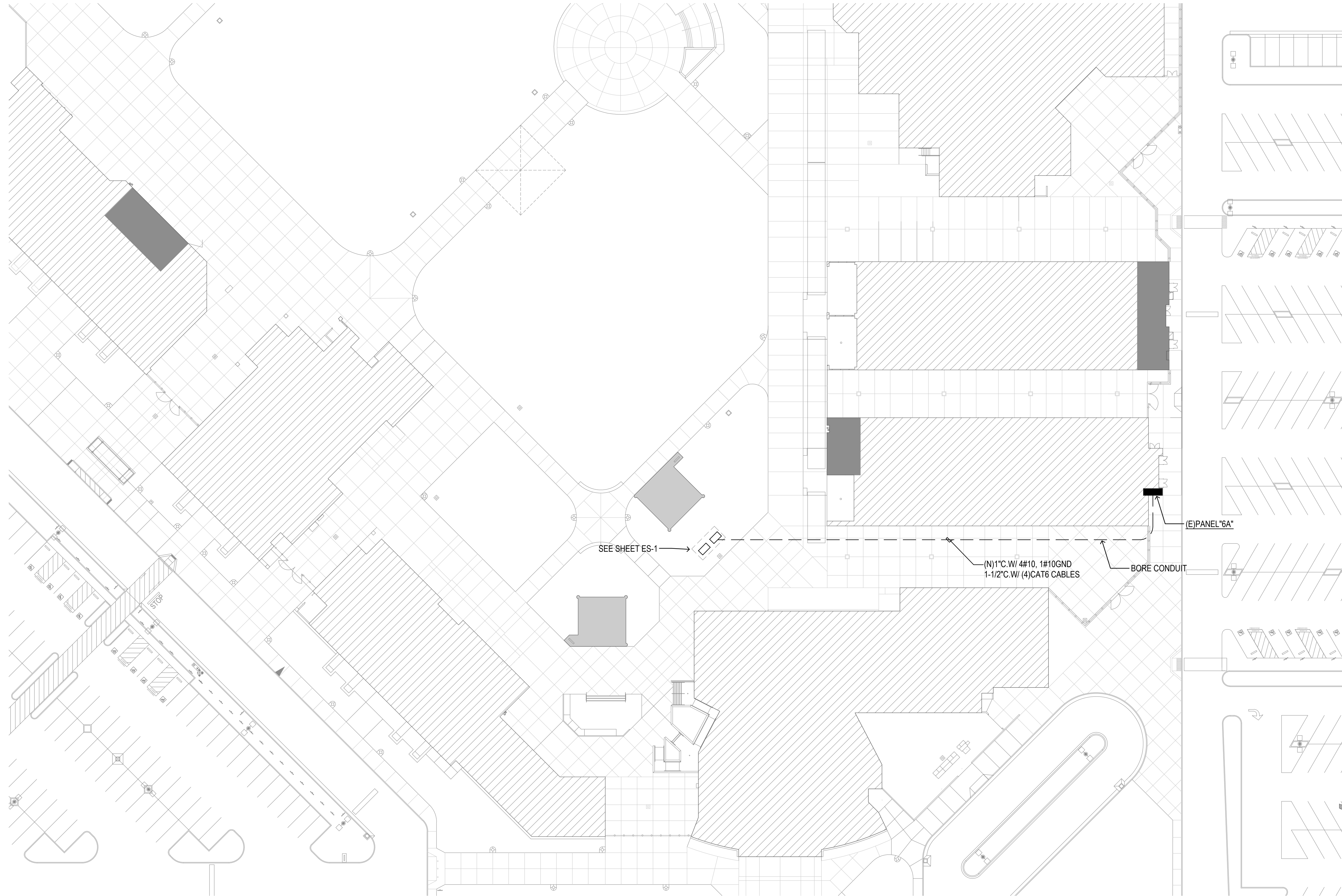
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DATE:
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PARTIAL SITE PLAN

SCALE: 1/32" = 1'-0" 0 4 8 16 32 64

JMPE
ELECTRICAL ENGINEERING
LIGHTING DESIGN
CA REGISTRATION NO E13083

627 OLIVE STREET
SANTA BARBARA CA 93101
(805) 569-9210
FAX: (805) 569-2405
email: maloney@jmpe.net
www.jmpe.net

24368



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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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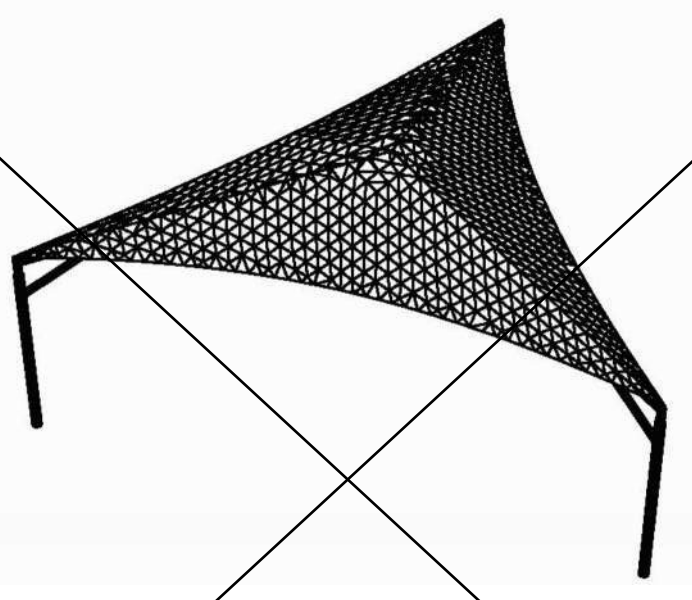
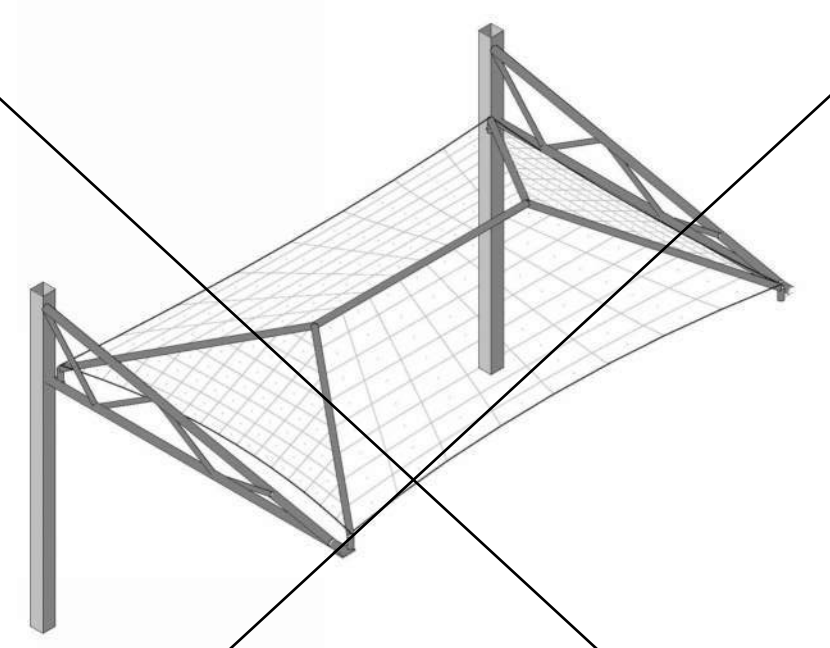
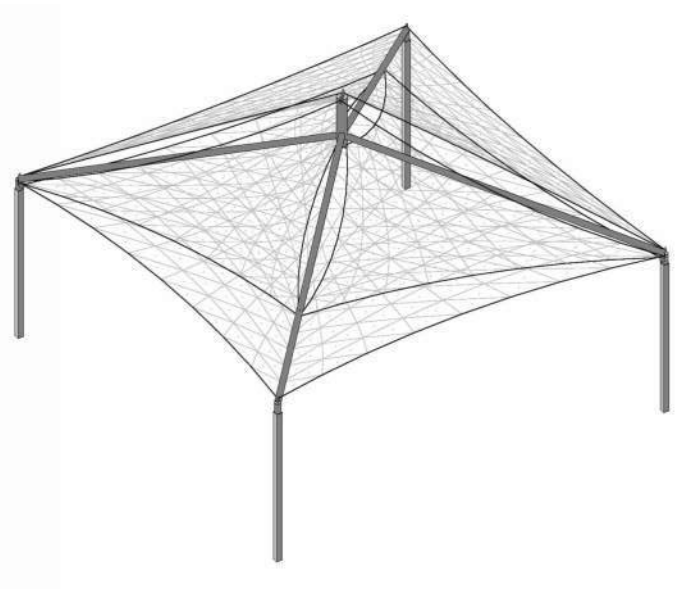
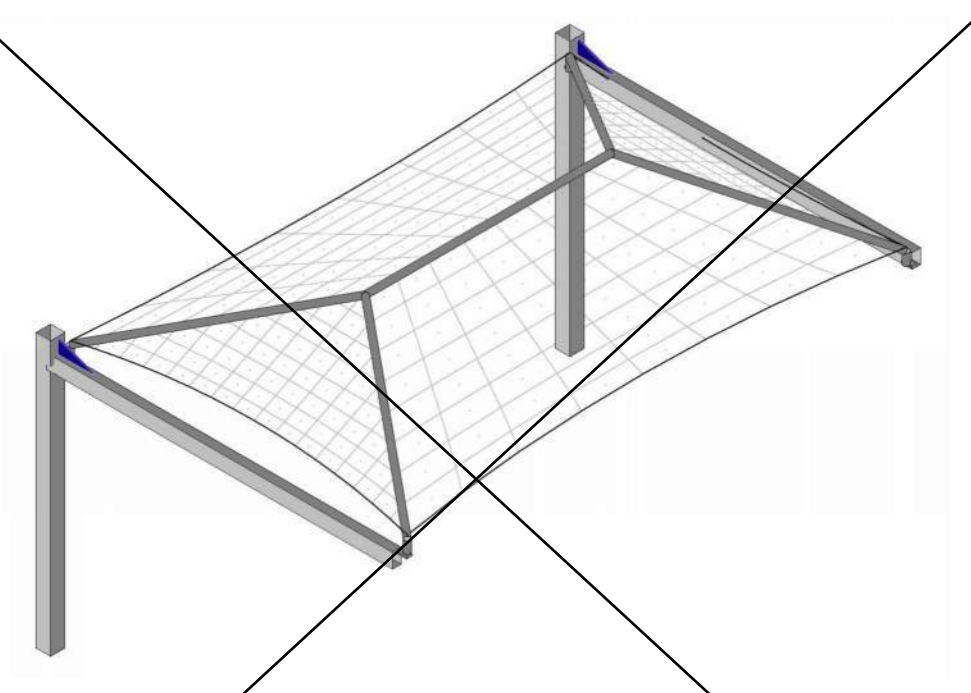
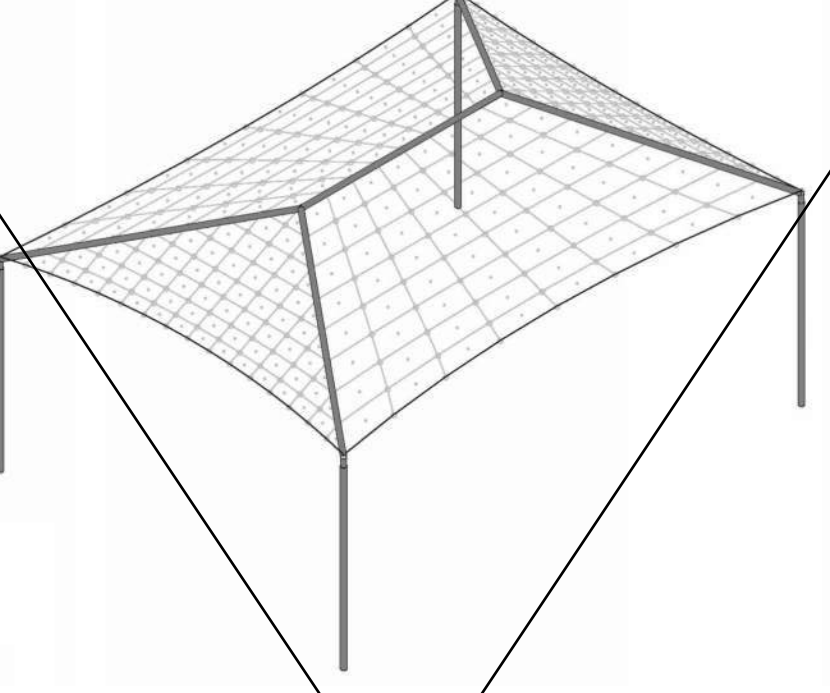

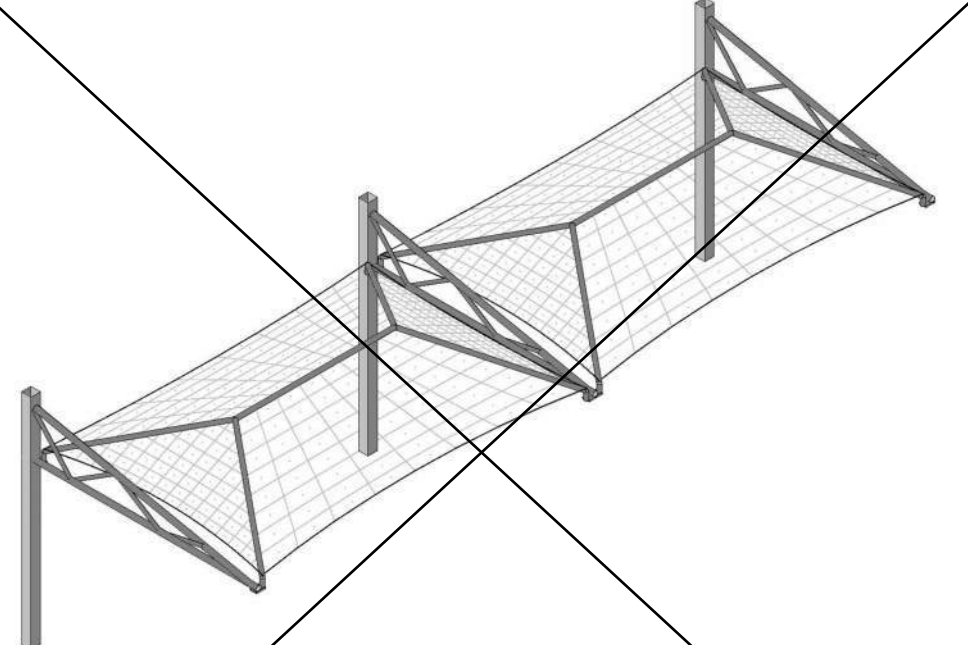
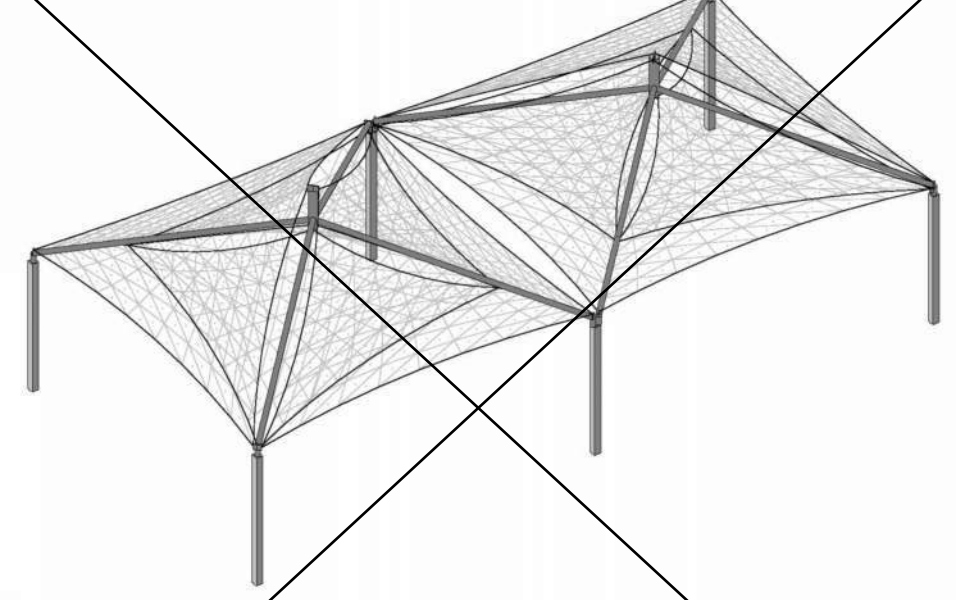
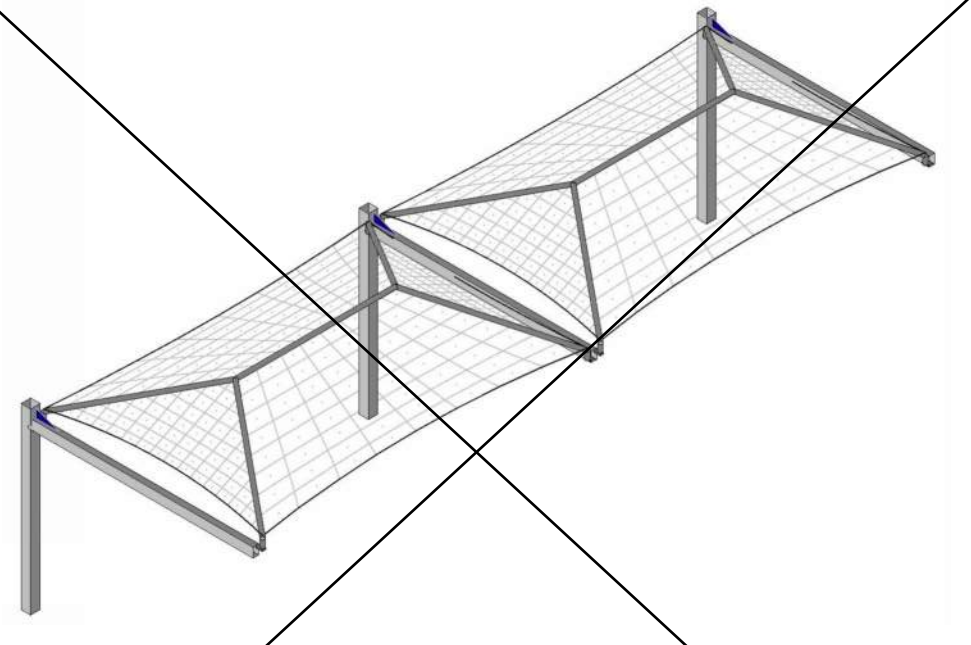
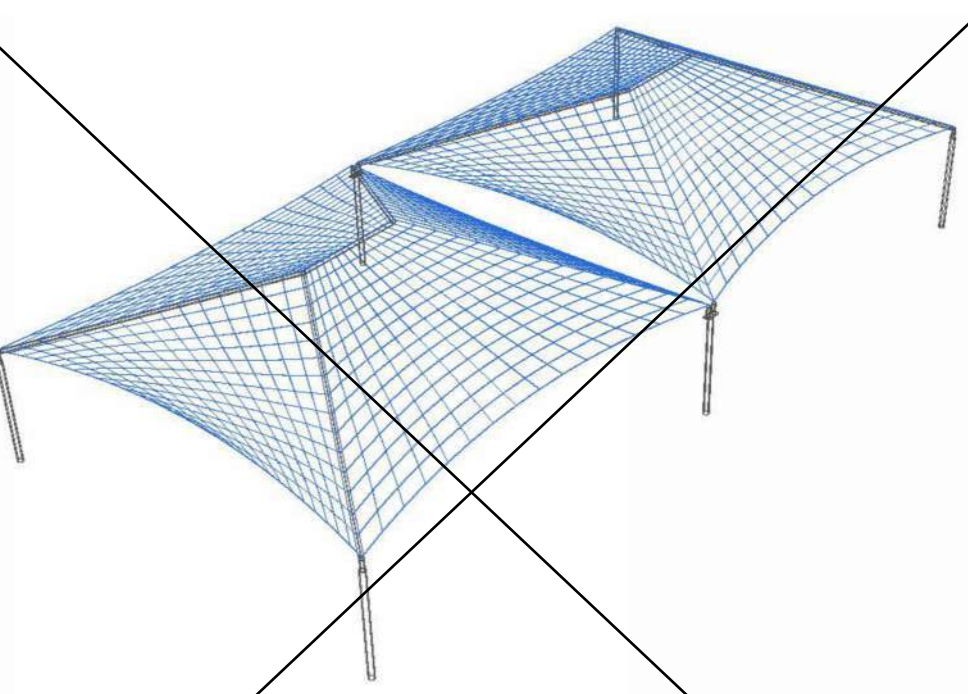
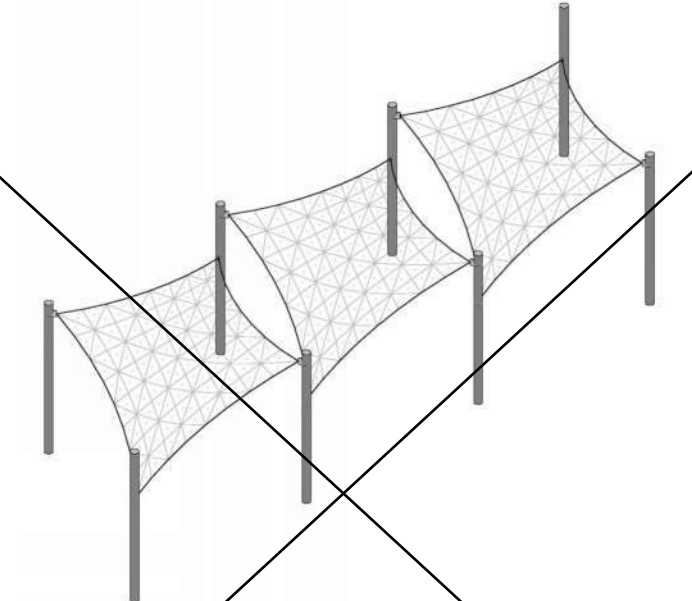

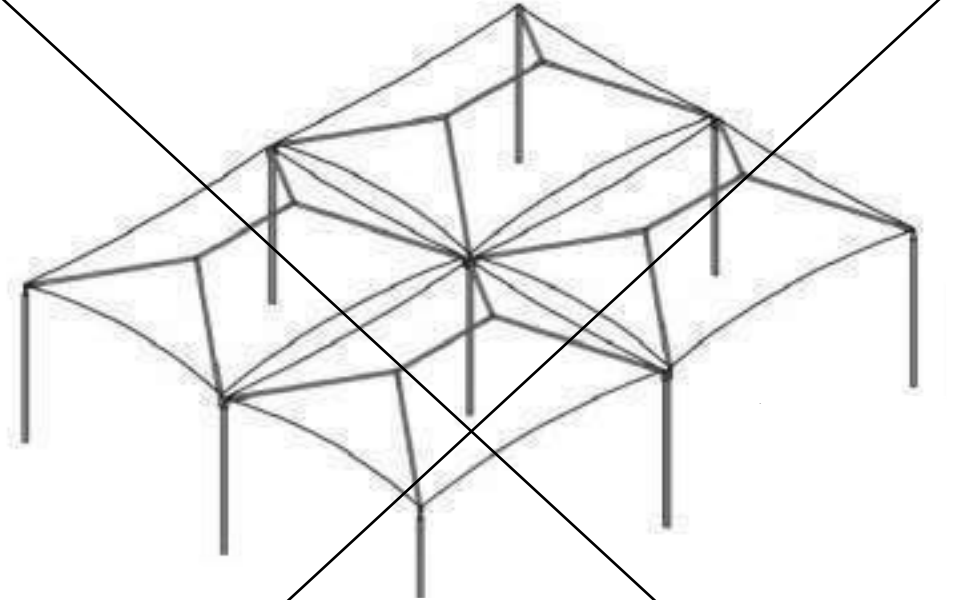
DRAWN BY:
DATE:
REVISED:

SHADE STRUCTURES
AND CHANGING ROOMS
AT
INDEPENDENCE HIGH
SCHOOL
KERN HIGH SCHOOL DISTRICT

PROJECT NUMBER:
DRAWING TITLE
**PARTIAL SITE
PLAN**

DRAWING NUMBER
ES-2

[illegible]

				
<div>STRUCTURE MODEL: DSA30125-22 MAX. SIZE: 25' x 25' x 15' MAX. AREA: 271 SQ. FT. MAX. OCCUPANCY: 16 PERSONS</div> <div>SEE SHEET 26.1-1000</div>	<div>STRUCTURE MODEL: DSA2062030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</div> <div>SEE SHEET 21.1-1000</div>	<div>STRUCTURE MODEL: DSA4073030-22 MAX. SIZE: 30' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</div> <div>SEE SHEET 17.1-1000</div>	<div>STRUCTURE MODEL: DSA20202030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</div> <div>SEE SHEET 11.1-1000</div>	<div>STRUCTURE MODEL: DSA4012030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS</div> <div>SEE SHEET 1.1-1000</div>
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	
				
<div>STRUCTURE MODEL: DSA60340-22 MAX. SIZE: 640' x 15' MAX. AREA: 1,040 SQ. FT. MAX. OCCUPANCY: 69 PERSONS</div> <div>SEE SHEET 28.1-1000</div>	<div>STRUCTURE MODEL: DSA60360-22 MAX. SIZE: 680' x 15' MAX. AREA: 2,358 SQ. FT. MAX. OCCUPANCY: 156 PERSONS</div> <div>SEE SHEET 29.1-1000</div>	<div>STRUCTURE MODEL: DSA4073060-22 MAX. SIZE: 30' x 150' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 19.1-1000</div>	<div>STRUCTURE MODEL: DSA4022060-22 MAX. SIZE: 20' x 200' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 12.1-1000</div>	<div>STRUCTURE MODEL: DSA401J-22 MAX. SIZE: VARIES MAX. AREA: VARIES MAX. OCCUPANCY: VARIES</div> <div>SEE SHEET 9.1-1000</div>
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
	<div>STRUCTURE MODEL: DSA30730-22 MAX. SIZE: 30' x 133' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 23.1-1000</div>	<div>STRUCTURE MODEL: DSA40706060-22 MAX. SIZE: 60' x 60' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 240 PERSONS</div> <div>SEE SHEET 20.1-1000</div>	<div>STRUCTURE MODEL: DSA1031414-22 MAX. SIZE: 14' x 14' x 12' MAX. AREA: 196 SQ. FT. MAX. OCCUPANCY: 13 PERSONS</div> <div>SEE SHEET 13.1-1000</div>	<div>STRUCTURE MODEL: DSA1032020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS</div> <div>SEE SHEET 14.1-1000</div>
	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	
				
	<div>STRUCTURE MODEL: DSA4182020-22 MAX. SIZE: 20' x 200' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS</div> <div>SEE SHEET 24.1-1000</div>		<div>STRUCTURE MODEL: DSA1241414-22 MAX. SIZE: 14' x 14' x 12' MAX. AREA: 196 SQ. FT. MAX. OCCUPANCY: 13 PERSONS</div> <div>SEE SHEET 15.1-1000</div>	<div>STRUCTURE MODEL: DSA401Q-22 MAX. SIZE: VARIES MAX. AREA: VARIES MAX. OCCUPANCY: VARIES</div> <div>SEE SHEET 10.1-1000</div>
	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 FOUR-POINT	NOT USED	SINGLE POST PYRAMID CANTILEVER	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124406 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 10/17/2024

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:
Kern High School District

PROJECT NAME:
Bakersfield High School

LOCATION:
1241 "G" Street
Bakersfield, CA 93301

MODEL NUMBER:

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121917 PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☐
DATE: 10/30/2023

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE:
D

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

Eng. By : DWH 2/14/23

Design By : DWH 2/14/23

Approved By : DWH 2/14/23

DRAWING DESCRIPTION:

DWG. UNIT SELECTION

SHEET T-2.0

REV.



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

Application Number: School Name: School District:
04-121917 USA SHADE AND FABRIC STRUCTURES
DSA File Number: Increment Number: Date Created:
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IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, and bridge of non-structural components, etc., per Table 24, Part 2, Chapter 17A (2022 CBC).

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

KEY TO COLUMNS	
1. TYPE	2. PERFORMED BY
Continuous – Indicates that a continuous special inspection is required.	GE (Geotechnical Engineer) – Indicates that the special inspection shall be performed by a registered geotechnical engineer or his or her authorized representative.
Periodic – Indicates that a periodic special inspection is required.	LOR (Laboratory of Record) – Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Compliance (EA) Program. See CAC Section 4.335.
Test – Indicates that a test is required.	PI (Project Inspector) – Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA.
	SI (Special Inspection) – Indicates that the special inspection shall be performed by an appropriately qualified and approved special inspector.

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

Table 1705A.3: ACI 318-19 Sections 26.12 & 26.13

Application Number: School Name: School District:
04-121917 PC FABRIC SHADE STRUCTURES USA SHADE AND FABRIC STRUCTURES
DSA File Number: Increment Number: Date Created:
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C1. CAST-IN-PLACE CONCRETE	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify use of required design mix.	Periodic SI Table 1705A.3 Item 5, 170A.1.
<input checked="" type="checkbox"/> b. Identify, sample, and test reinforcing steel.	Test LOR 190A.2, ACI 318-19 Section 26.6.1.2; DSA IR 17-10. (See Appendix (end of this form) for exemptions.)
<input checked="" type="checkbox"/> c. During concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Test LOR Table 1705A.3 Item 6, ACI 318-19 Sections 26.5 & 26.12.
<input checked="" type="checkbox"/> d. Test concrete (f').	Test LOR 1905A.1.17; ACI 318-19 Section 26.12.
<input checked="" type="checkbox"/> e. Batch plant inspection: Eliminated	See Notes SI Default of "Continuous" per 1705A.3.3. If approved by DSA, batch plant inspection may be reduced to Periodic per 1705A.3.3.2. See IR 17-13. (See Appendix (end of this form) for exemptions.)
<input checked="" type="checkbox"/> f. Welding of reinforcing steel.	Provide special inspection per STEEL, Category S/A(d) & (e) and/or S/A5(g) & (h) below.

C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1):	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Sample and test prestressing tendons and anchorages.	Test LOR 1705A.3.4, 170A.1.3
<input checked="" type="checkbox"/> b. Inspect placement of prestressing tendons.	Periodic SI 1705A.3.4, Table 1705A.3 Items 1 & 9.

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

1705A.2.1, Table 1705A.2.1: AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI 100-20; RCSC 2014: AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: School Name: School District:
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DSA File Number: Increment Number: Date Created:
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S/A3. WELDING:	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS.	Periodic SI 1705A.2.5, Table 1705A.2.1 Items 4 & 5; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed and the WPS.
<input checked="" type="checkbox"/> b. Verify weld filler material manufacturer's certificate of compliance.	Periodic SI DSA IR 17-3.
<input checked="" type="checkbox"/> c. Verify WPS, welder qualifications and equipment.	Periodic SI DSA IR 17-3.

S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds < 5/16" plug and slot welds.	Continuous SI Table 1705A.2.1 Items 5a.1, 4; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
<input checked="" type="checkbox"/> b. Inspect single-pass fillet welds < 5/16", floor and roof deck welds.	Periodic SI 1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
<input checked="" type="checkbox"/> c. Inspect welding of stairs and railing systems.	Periodic SI 1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3.
<input checked="" type="checkbox"/> d. Verification of reinforcing steel weldability.	Periodic SI 1705A.3.1, AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
<input checked="" type="checkbox"/> e. Inspect welding of reinforcing steel.	Continuous SI Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

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

1705A.2.1, Table 1705A.2.1: AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI 100-20; RCSC 2014: AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: School Name: School District:
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DSA File Number: Increment Number: Date Created:
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Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> c. Storage rack anchorage installation.	Periodic	SI	ANSI/MH16, Section 7.3.2; Table 1705A.3.1
<input checked="" type="checkbox"/> d. Completed storage rack system to indicate compliance with the approved construction documents.	Periodic	SI*	Table 1705A.13.7: * May be performed by the project inspector when specifically approved by DSA.

S/A11. Other Steel	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a.	

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

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: School Name: School District:
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DSA File Number: Increment Number: Date Created:
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Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report	
S1. GENERAL:	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify that: - Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. - Foundation excavations are extended to proper depth and have reached proper material. - Materials below footings are adequate to achieve the design bearing capacity.	See Notes PI Refer to specific items identified in the Appendix listing exemptions for limitations. Placement of controlled fill exceeding 12' depth under foundations is not permitted without a geotechnical report.

S2. SOIL COMPACTION AND FILL:	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify use of proper materials, densities and impact lift thicknesses, placement and compaction during placement of fill.	Continuous LOR* * Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> b. Compaction testing.	Test LOR* * Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.

S3. DRIVEN DEEP FOUNDATIONS (PILES):	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify pile materials, sizes and lengths comply with the requirements.	Continuous GE* * By geotechnical engineer or his or her qualified representative.
<input checked="" type="checkbox"/> b. Determine capacities of test piles and conduct additional load tests as required.	Test LOR* * Under the supervision of the geotechnical engineer.

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

Table 1705A.3: ACI 318-19 Sections 26.12 & 26.13

Application Number: School Name: School District:
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Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> c. Verify that concrete strength prior to stressing of post-tensioning tendons.	Periodic	SI	Table 1705A.3 Item 13, Special Inspector to verify specified concrete strength test prior to stressing.
<input checked="" type="checkbox"/> d. Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	Continuous	SI	1705A.3.4, Table 1705A.3 Item 9; ACI 318-19 Section 26.13

C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1):	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Inspect fabrication of precast concrete members.	Continuous SI ACI 318-19 Section 26.13.
<input checked="" type="checkbox"/> b. Inspect erection of precast concrete members.	Periodic SI* Table 1705A.3 Item 10: * May be performed by PI when specifically approved by DSA.
<input checked="" type="checkbox"/> c. For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category D, E or F, inspect such connections and reinforcement in the field for: 1. Installation of the embedded parts. 2. Completion of the continuity of reinforcement across joints. 3. Completion of connections in the field.	Continuous SI Table 1705A.3, ACI 318-19 Section 26.13.3; ACI 550.5
<input checked="" type="checkbox"/> d. Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5.	Periodic SI Table 1705A.3, ACI 318-19 Section 26.13.3; ACI 550.5

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

1705A.2.1, Table 1705A.2.1: AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI 100-20; RCSC 2014: AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: School Name: School District:
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Test or Special Inspection	Type	Performed By	Code References and Notes
S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):			
Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds < 5/16", plug and slot welds.	Continuous	SI	Table 1705A.2.1 Items 5a.4, 4; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
<input checked="" type="checkbox"/> b. Inspect single-pass fillet welds < 5/16".	Periodic	SI	Table 1705A.2.1 Item 5a.5; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
<input checked="" type="checkbox"/> c. Inspect end-welded studs (ASTM A-108) installation (including bend test).	Periodic	SI	221A.2.2; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.
<input checked="" type="checkbox"/> d. Inspect floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3.
<input checked="" type="checkbox"/> e. Inspect welding of structural cold-formed steel.	Periodic	SI*	1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.
<input checked="" type="checkbox"/> f. Inspect welding of stairs and railing systems.	Periodic	SI*	1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.
<input checked="" type="checkbox"/> g. Verification of reinforcing steel weldability.	Periodic	SI	1705A.3.1, AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
<input checked="" type="checkbox"/> h. Inspect welding of reinforcing steel.	Continuous	SI	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

GENERAL DSA-103 NOTES:

- THE SAMPLE DSA-103 FORM PROVIDED ON THIS SHEET IS FOR ILLUSTRATIVE PURPOSES ONLY TO ASSIST IN THE COMPLETION OF SPECIFIC DSA-103 FORMS FOR FUTURE PROJECTS.
- A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS P.C. DOCUMENT IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS SHEET

ADDITIONAL TESTING AND INSPECTION NOTES:

- THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE EMPLOYED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
- A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-542, PART 1, TITLE 24, CCR.
- THE SITE PROJECT INSPECTOR SHALL BE CLASS 2.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TEST AND INSPECTIONS FOR THE PROJECT.
- THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT.
- COPIES OF THE VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
- THE IN-PLANT INSPECTOR SHALL BE A WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING.
- PER 2022 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
 - A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
 - BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD. SHALL BE TRANSMITTED TO THE INSPECTOR BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, ITS LOAD, TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCING AGENCY.

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

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: School Name: School District:
04-121917 PC FABRIC SHADE STRUCTURES USA SHADE AND FABRIC STRUCTURES
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Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> c. Inspect driving operations and maintain complete and accurate records for each pile.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
<input checked="" type="checkbox"/> d. Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and elevations and record any pile damage.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
<input checked="" type="checkbox"/> e. Steel piles.			Provide tests and inspections per STEEL section below.
<input checked="" type="checkbox"/> f. Concrete piles and concrete filled piles.			Provide tests and inspections per CONCRETE section below.
<input checked="" type="checkbox"/> g. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.			* As defined on drawings or specifications.

S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Inspect drilling operations and maintain complete and accurate records for each pier.	Continuous PI Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> b. Verify pier locations, diameters, plumbness and lengths/Record concrete or grout volumes.	Continuous PI Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> c. Concrete piers.	Provide tests and inspections per CONCRETE section below.

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

Table 1705A.3: ACI 318-19 Sections 26.12 & 26.13

Application Number: School Name: School District:
04-121917 PC FABRIC SHADE STRUCTURES USA SHADE AND FABRIC STRUCTURES
DSA File Number: Increment Number: Date Created:
2023-02-15 15:23:09

C4. SHOTCRETE (IN ADDITION TO SECTION C1):	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Inspect shotcrete placement for proper application techniques.	Continuous SI 1705A.3.9, Table 1705A.3 Item 7, 190B.1, 190B.2, 190B.3. See ACI 506.2-13 Section 3.4, ACI 506R-16.
<input checked="" type="checkbox"/> b. Sample and test shotcrete (f').	Test LOR 190B.2, 1705A.3.4

C5. POST-INSTALLED ANCHORS:	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Inspect installation of post-installed anchors.	See Notes SI* 1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3.8 (See Appendix (end of this form) for exemptions). ACI 318-16 Sections 17.8 & 26.13. * May be performed by the project inspector when specifically approved by DSA.
<input checked="" type="checkbox"/> b. Test post-installed anchors.	Test LOR 1910A.5, (See Appendix (end of this form) for exemptions.)

C6. OTHER CONCRETE:	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a.	

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

1705A.2.1, Table 1705A.2.1: AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI 100-20; RCSC 2014: AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: School Name: School District:
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Test or Special Inspection	Type	Performed By	Code References and Notes
S/A6. NONDESTRUCTIVE TESTING:			
Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> a. Ultrasonic.	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 NS.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
<input checked="" type="checkbox"/> b. Magnetic Particle	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 NS.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
<input checked="" type="checkbox"/> c.	Test	LOR	

S/A7. STEEL JOISTS AND TRUSSES:	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joint.	Continuous SI 1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only, 1705A.2.4; AWS D1.3 for cold-formed steel trusses.

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DGS DSA 103-22 (Revised 12/01/2022)

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

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: School Name: School District:
04-121917 PC FABRIC SHADE STRUCTURES USA SHADE AND FABRIC STRUCTURES
DSA File Number: Increment Number: Date Created:
2023-02-15 15:23:09

Test or Special Inspection	Type	Performed By	Code References and Notes
S5. RETAINING WALLS:			
Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> a. Placement, compaction and inspection of backfill.	Continuous	GE*	1705A.6.1.7: * By geotechnical engineer or his or her qualified representative. (See section S2 above).
<input checked="" type="checkbox"/> b. Placement of soil reinforcement and/or drainage devices.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
<input checked="" type="checkbox"/> c. Segmental retaining walls: inspect placement of limits, dowels, connectors, etc.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
<input checked="" type="checkbox"/> d. Concrete retaining walls.			Provide tests and inspections per CONCRETE section below.
<input checked="" type="checkbox"/> e. Masonry retaining walls.			Provide tests and inspections per MASONRY section below.

S6. OTHER SOILS:	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Soil Improvements	Test GE* Submit a comprehensive report documenting final soil improvements constructed, construction observation and the results of the confirmation testing and analysis to CDS (California Geological Survey) for final acceptance. * By geotechnical engineer or his or her qualified representative.
<input checked="" type="checkbox"/> b. Inspection of Soil Improvements	Continuous GE* * By geotechnical engineer or his or her qualified representative.
<input checked="" type="checkbox"/> c.	

DIVISION OF THE STATE ARCHITECT
DGS DSA 103-22 (Revised 12/01/2022)

DEPARTMENT OF GENERAL SERVICES
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STATE OF CALIFORNIA

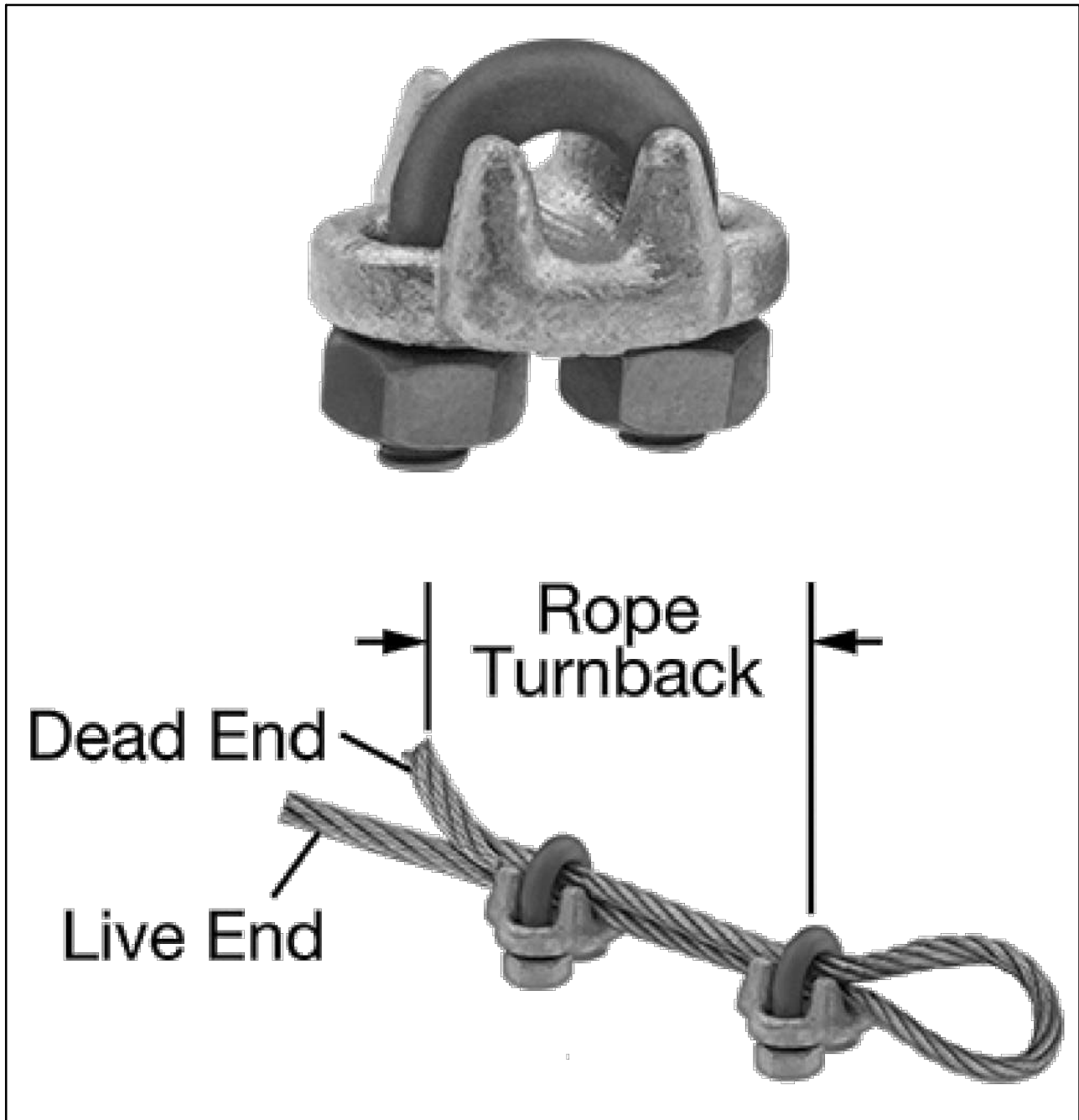
DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1: AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI 100-20; RCSC 2014: AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

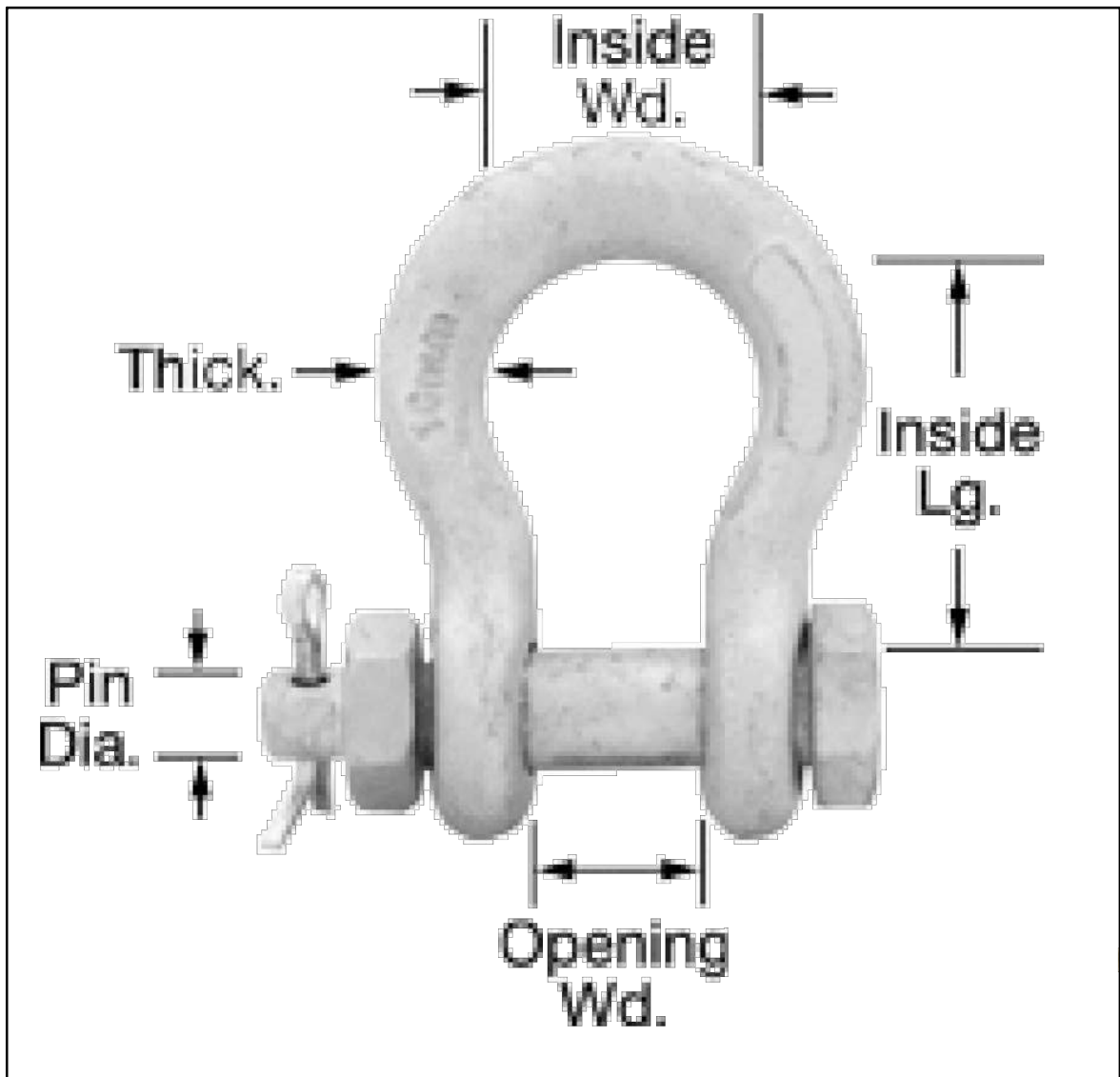
Application Number: School Name: School District:
04-121917 PC FABRIC SHADE STRUCTURES USA SHADE AND FABRIC STRUCTURES
DSA File Number: Increment Number: Date Created:
2023-02-15 15:23:09

S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify identification of all materials and mill certificates indicate material properties that comply with requirements. -Material sizes, types and grades comply with requirements.	Periodic * Table 1705A.2.1 Item 3a, 3c, 2202A.1; AISI 100-20 Section A3.1 & A3.2; AISI S240-20 Section A3 & A4; AISI S220-20 Section A4 & A6. * By special inspector or qualified technician when performed off-site.
<input checked="" type="checkbox"/> b. Test unidentified materials.	Test LOR 2202A.1.
<input checked="" type="checkbox"/> c. Examine seam welds of HSS shapes.	Periodic SI DSA IR 17-3.
<input checked="" type="checkbox"/> d. Verify and document steel fabrication per DSA-approved construction documents.	Periodic SI Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4).
<input checked="" type="checkbox"/> e. Buckling restrained braces.	Test LOR Testing and special inspections in accordance with IR 22-4.

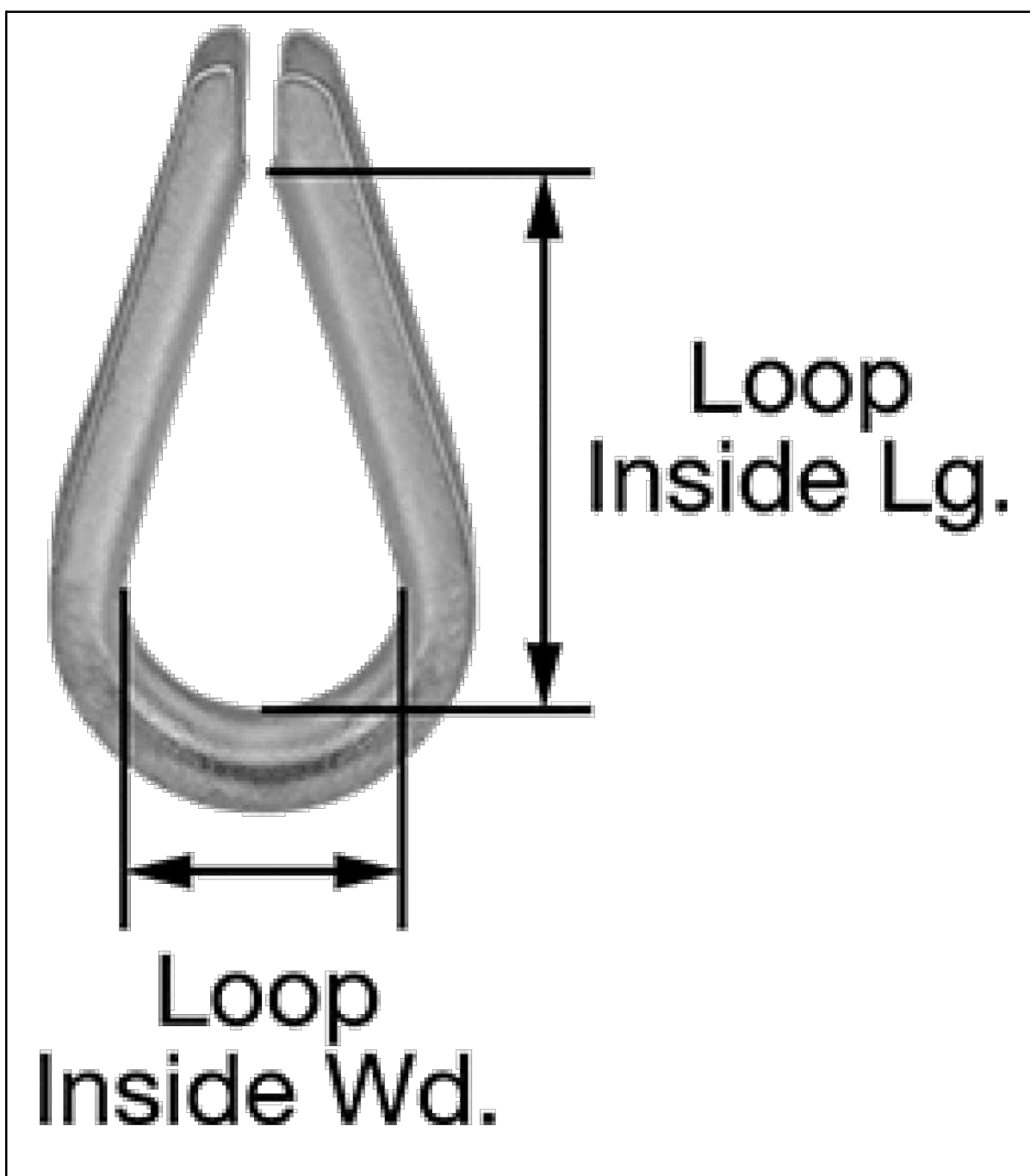
S/A2. HIGH-STRENGTH BOLTS: SEE STRUCTURAL NOTES ON SERIES 1000 SHEETS FOR JOINT TYPE	
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> a. Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents.	Periodic SI Table 1705A.2.1 Items 1a & 1b, 2202A.1; AISC 360-16 Section A3.3, J3.1, and NS.2; RCSC 2014 Section 1.5 & 2.1; DSA IR 17-8 & DSA IR 17-9.
<input checked="" type="checkbox"/> b. Test high-strength bolts, nuts and washers.	Test LOR Table 1705A.2.1 Item 1c, 2213A.1; RCSC 2014 Section 7.2; DSA IR 17-8.



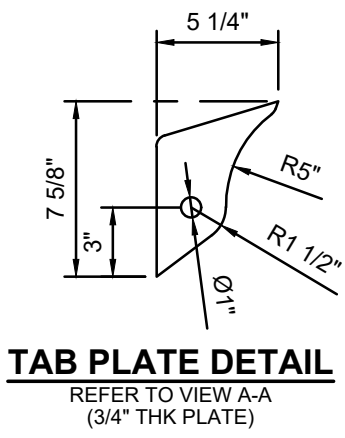
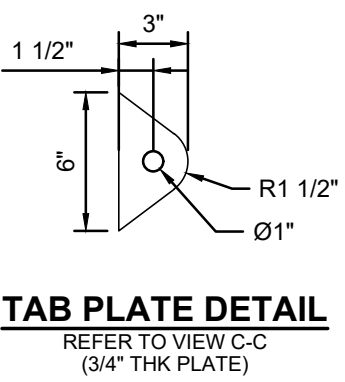
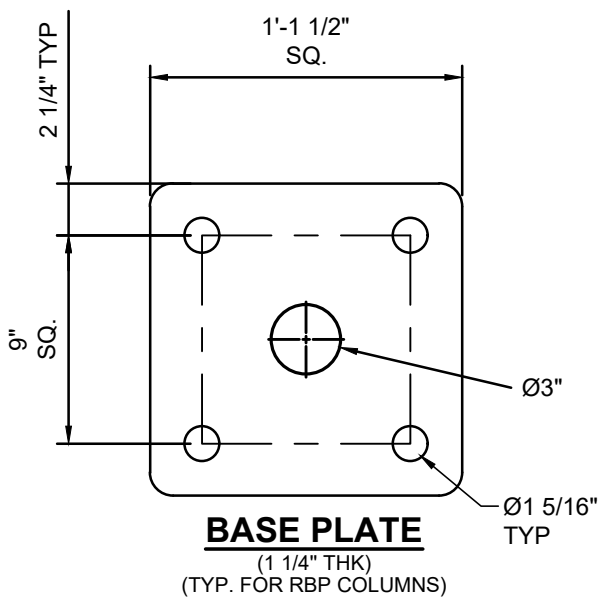
FORGED WIRE ROPE CLAMP
FITTING TYPE: ROPE CLAMP
FABRICATION: FORGED
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER 3/8"
NUMBER OF CLAMPS REQUIRED: 2
ROPE TURNBACK: 6 1/2"
FOR WIRE ROPE CONSTRUCTION 7 x 19
ATTACHMENT TYPE: LOOP
CLAMP-WIDTH 2", HEIGHT 1 15/16", THICKNESS 1 11/16"
REQUIRED INSTALLATION 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



3/4" GALVANIZED STEEL SAFETY-PIN SHACKLE
MATERIAL: GALVANIZED STEEL
THICKNESS: 3/4"
OPENING WIDTH: 1 1/4"
PIN DIAMETER: 29/32"
INSIDE LENGTH: 2 13/16"
INSIDE WIDTH: 2"
CAPACITY: 10,400 LBS.
FABRICATION: FORGED
PIN TYPE: SAFETY
SPECIFICATIONS MET ASME B30.26, FED. SPEC. RR-C-271F
FITTING TYPE: SHACKLE
APPLICATION: FOR LIFTING
ATTACHMENT TYPE: CLEVIS
A BOLT FASTENED WITH A NUT AND COTTER PIN MAKES THESE SHACKLES MORE SECURE THAN SCREW-PIN SHACKLES. ALSO KNOWN AS ANCHOR AND BOW SHACKLES, THE WIDE BODY PROVIDES ROOM TO ATTACH MULTIPLE CONNECTORS.
GALVANIZED STEEL SHACKLES HAVE A THICK COATING FOR CORROSION RESISTANCE.



WIRE ROPE THIMBLE
FITTING TYPE: THIMBLE
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER: 1/2"
LOOP
INSIDE LENGTH: 1 7/8"
INSIDE WIDTH: 1 1/8"
SPECIFICATIONS MET FED. SPEC. FF-T-276B





FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-030001

COLOURSHADE FR-S3

Product Marketed by:

MULTIKNIT (PTY) LTD
5 THEO KLEYNHANS STREET, WHITE RIVER, 1240,
MPUMALANGA, SOUTH AFRICA, ,

Issue Date : 06/10/2024
Expiration Date : 06/30/2025

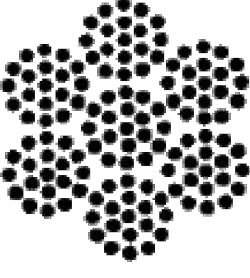
This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code. The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST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

C Walker
Issued By Cortney 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




7 x 19

Aircraft Cable

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

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

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



190/F5 Fire rated specifications

Standard range

Revision 0 28-Oct-12

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

Notes:

190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics


Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min

This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory, the information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.

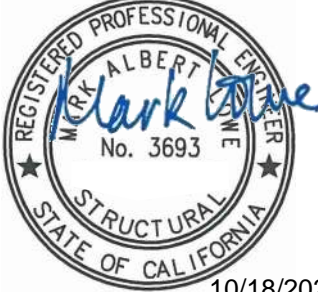
Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

Deon Joubert
Deon Joubert
General Manager - Multiknit (Pty) Ltd

Tommy Rogers
Tommy Rogers
Managing Director - Multiknit (Pty) Ltd



C19168
10-31-25
RENEWAL DATE
DAVID HIGGINS
STATE OF CALIFORNIA




REGISTERED PROFESSIONAL ENGINEER
No. 3693
DAVID HIGGINS
STRUCTURAL
STATE OF CALIFORNIA
10/18/2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 03-124406 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 10/17/2024

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:
Kern High School District
PROJECT NAME:
Bakersfield High School
LOCATION:
1241 "G" Street
Bakersfield, CA 93301
MODEL NUMBER:
DSA4073030-22

APPROVED
DIV. OF THE STATE ARCHITECT

APP: 04-121917 PC
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒ CG ☐
DATE: 10/30/2023

STRUCTURE TYPE:
MARINER PEAK
DSA

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

SCALE : NONE

DRAWING SIZE:
D

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

Eng. By : HH 12/01/22
Design By : OS 12/01/22
Approved By : MB 12/01/22

DRAWING DESCRIPTION:
SPECIFICATIONS

DWG.
DSA4073030-22

SHEET
17.2-2000

REV.
NC