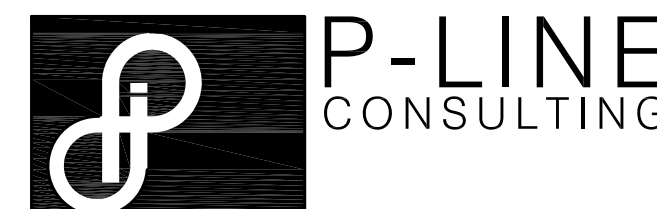
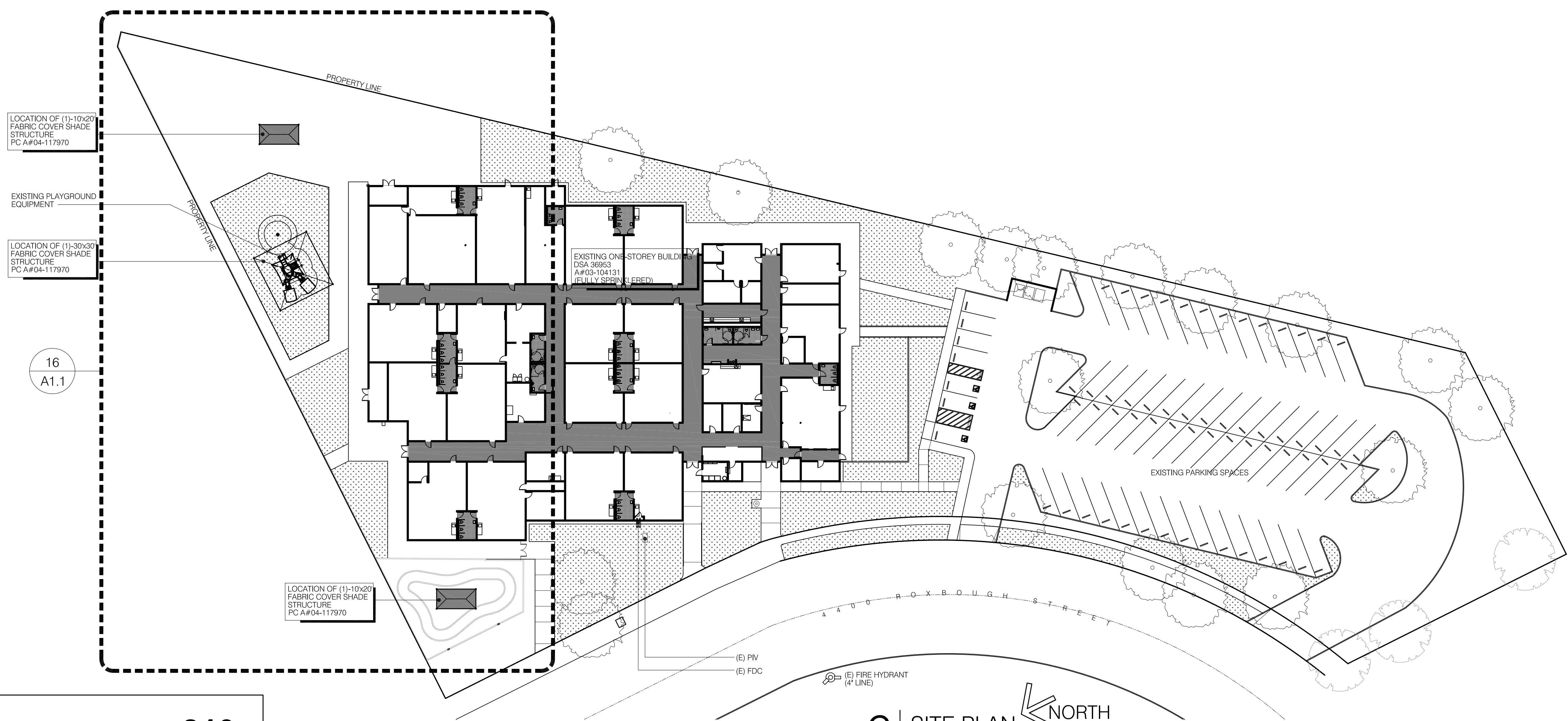


IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-121212 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 01/11/2021



20803 e. valley blvd., ste. 206
 walnut, ca 91789
 c: 714.747.7263
 t: 909.839.0123
 e: info@plinesconsulting.com
 Lery F. Gallego
 Principal



6 | SITE PLAN NORTH
 SCALE: 1"=30'

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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 building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 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. Acknowledgement 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 imaged onto the fire access site plan. When an alternate design/means 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:	Covina-Valley Unified School District	
Project Name/School:	Site Installation of Shade Structures at East San Gabriel Valley School	
Project Address:	4400 N Roxburgh Avenue, Covina, CA 91722	

FIRE & LIFE SAFETY INFORMATION			
1.	Has a fire hydrant flow test been performed within the past 12 months? <i>(If yes, provide a copy of the test data.)</i>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? <i>(If yes, indicate FHSZ classification below.)</i>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Refer to the following website for FHSZ locations: http://enfs.fire.ca.gov/FHSZ		Moderate <input type="checkbox"/>	High <input type="checkbox"/> Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) <i>(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)</i>			WIFA <input type="checkbox"/>

THE ILLUSTRATIONS INDICATED ON THIS SHEET ARE TO REPRESENT THE ARCHITECTURAL DESIGN CONCEPT OF THE PROJECT ONLY. THE DIMENSIONS OF THE BUILDING, THE ELECTRICAL ELEMENTS, AND THE TYPE OF STRUCTURAL, MECHANICAL, AND/OR ELECTRICAL SYSTEMS REPRESENTED DO NOT NECESSARILY PROVIDE THE FULL DESCRIPTION OF THE WORK REQUIRED FOR THE PERFORMANCE OF ALL ACTIVITIES TO COMPLETE THE INSTALLATION. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIALS AND LABOR REQUIRED FOR THE PROPER EXECUTION OF THE CONTRACT DOCUMENTS CONSISTENT WITH ALL APPLICABLE CODES AND ACCEPTABLE CONSTRUCTION PRACTICES.

Revision(s)	Date
No.	Remarks

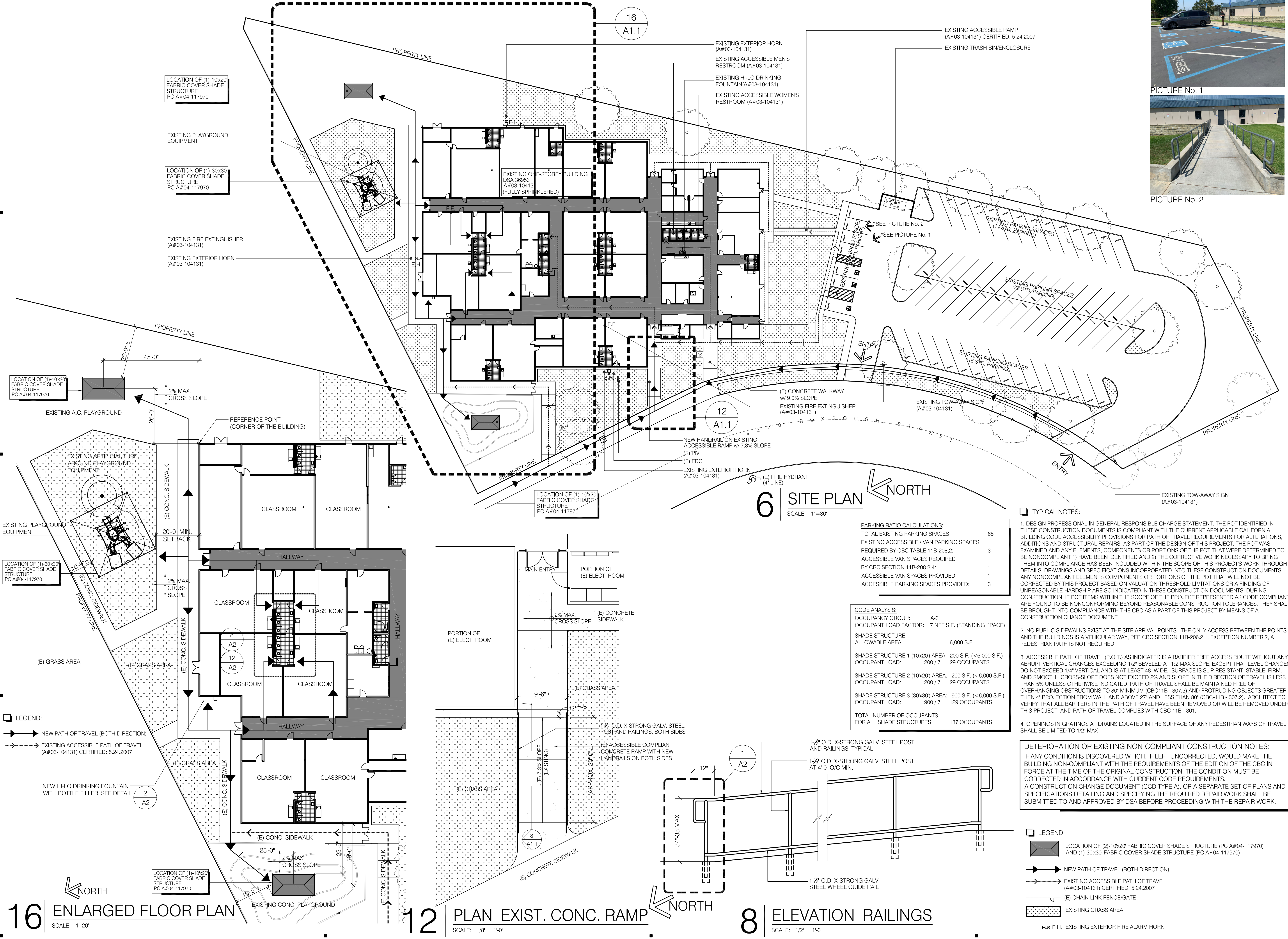
Project Title:
 SITE INSTALLATION OF
 1-30'x30' SHADE STRUCTURE
 PC A#04-117970
 AND
 2-10'x20' SHADE STRUCTURE
 PC A#04-117970
 AT
 EAST SAN GABRIEL VALLEY SCHOOL
 Owner:
 COVINA -VALLEY UNIFIED
 SCHOOL DISTRICT
 Project Address:
 4400 N ROXBURGH AVENUE, COVINA, CA 91722
 Project Tracking No.
 64436-182
 Project No.
 63020CVCC_SHADE
 Sheet Title
 FIRE TRUCK LANE
 Designed: _____ Drawing No.
 Drawn: LEOLIWAG
 Checked: _____
 Plot Date: 2020-1112
 Filename: cvccSHADE Sheet No. of

ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND THE SAME MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

INSTALLATION OF SHADE STRUCTURE AT CVCC

A1

ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND THE SAME MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-121212 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 01/11/2021

P-LINE CONSULTING
 20803 e. valley blvd., ste. 206
 walnut, ca 91789
 c: 714.747.7263
 f: 909.839.0123
 e: info@plinesearchitect.com
 Leroy F. Gallego
 Principal

REGISTERED ARCHITECT
 STATE OF CALIFORNIA
 C-22914
 EXP. 3/31/21
 RENEWAL DATE

PARKING RATIO CALCULATIONS:

TOTAL EXISTING PARKING SPACES:	68
EXISTING ACCESSIBLE / VAN PARKING SPACES REQUIRED BY CBC TABLE 11B-208.2:	3
ACCESSIBLE VAN SPACES REQUIRED BY CBC SECTION 11B-208.2.4:	1
ACCESSIBLE VAN SPACES PROVIDED:	1
ACCESSIBLE PARKING SPACES PROVIDED:	3

CODE ANALYSIS:

OCCUPANCY GROUP:	A-3
OCCUPANT LOAD FACTOR:	7 NET S.F. (STANDING SPACE)
SHADE STRUCTURE ALLOWABLE AREA:	6,000 S.F.
SHADE STRUCTURE 1 (10x20) AREA:	200 S.F. (<=6,000 S.F.)
OCCUPANT LOAD:	200 / 7 = 29 OCCUPANTS
SHADE STRUCTURE 2 (10x20) AREA:	200 S.F. (<=6,000 S.F.)
OCCUPANT LOAD:	200 / 7 = 29 OCCUPANTS
SHADE STRUCTURE 3 (30x30) AREA:	900 S.F. (<=6,000 S.F.)
OCCUPANT LOAD:	900 / 7 = 129 OCCUPANTS
TOTAL NUMBER OF OCCUPANTS FOR ALL SHADE STRUCTURES:	187 OCCUPANTS

TYPICAL NOTES:

- DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.
- NO PUBLIC SIDEWALKS EXIST AT THE SITE ARRIVAL POINTS. THE ONLY ACCESS BETWEEN THE POINTS AND THE BUILDINGS IS A VEHICULAR WAY. PER CBC SECTION 11B-206.2.1, EXCEPTION NUMBER 2, A PEDESTRIAN PATH IS NOT REQUIRED.
- ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. GROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (CBC 11B - 307.3) AND PROTRUDING OBJECTS GREATER THEN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (CBC-11B - 307.2). ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 11B - 301.
- OPENINGS IN GRATINGS AT DRAINS LOCATED IN THE SURFACE OF ANY PEDESTRIAN WAYS OF TRAVEL SHALL BE LIMITED TO 1/2" MAX

DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION NOTES:
 IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF THE ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT (CCD TYPE A), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

LEGEND:

- LOCATION OF (1)-10x20 FABRIC COVER SHADE STRUCTURE (PC A#04-117970) AND (1)-30x30 FABRIC COVER SHADE STRUCTURE (PC A#04-117970)
- NEW PATH OF TRAVEL (BOTH DIRECTION)
- EXISTING ACCESSIBLE PATH OF TRAVEL (A#03-104131) CERTIFIED: 5.24.2007
- (E) CHAIN LINK FENCE/GATE
- EXISTING GRASS AREA
- E.H. EXISTING EXTERIOR FIRE ALARM HORN

Revision(s)	Date
No.	Remarks

Project Title:
SITE INSTALLATION OF 1-30x30' SHADE STRUCTURE PC A#04-117970 AND 2-10x20' SHADE STRUCTURE PC A#04-117970 AT EAST SAN GABRIEL VALLEY SCHOOL

Owner:
COVINA - VALLEY UNIFIED SCHOOL DISTRICT

Project Address:
 4400 N ROXBURGH AVENUE, COVINA, CA 91722

Project Tracking No.
 64436-182

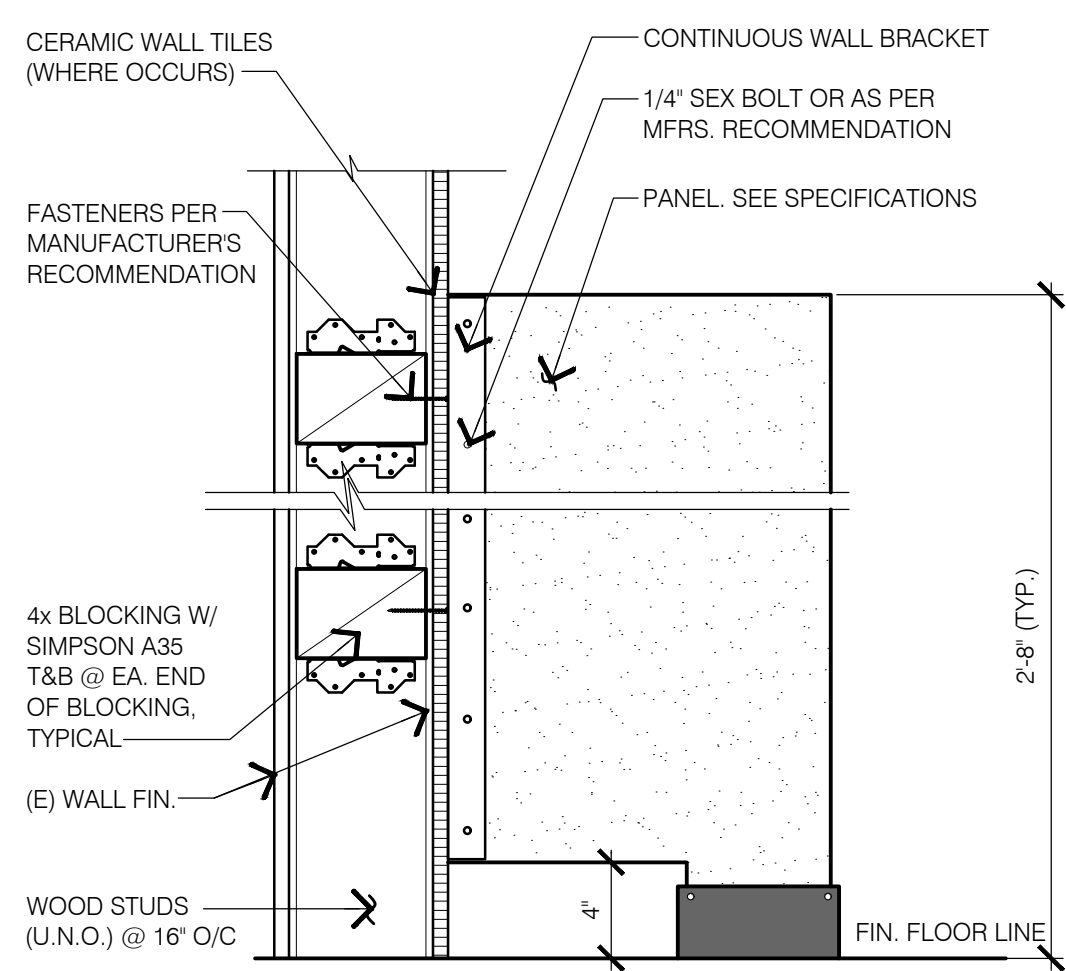
Project No.
 63020CVCC_SHADE

Sheet Title
 SITE PLAN ENLARGED SITE PLAN NOTES

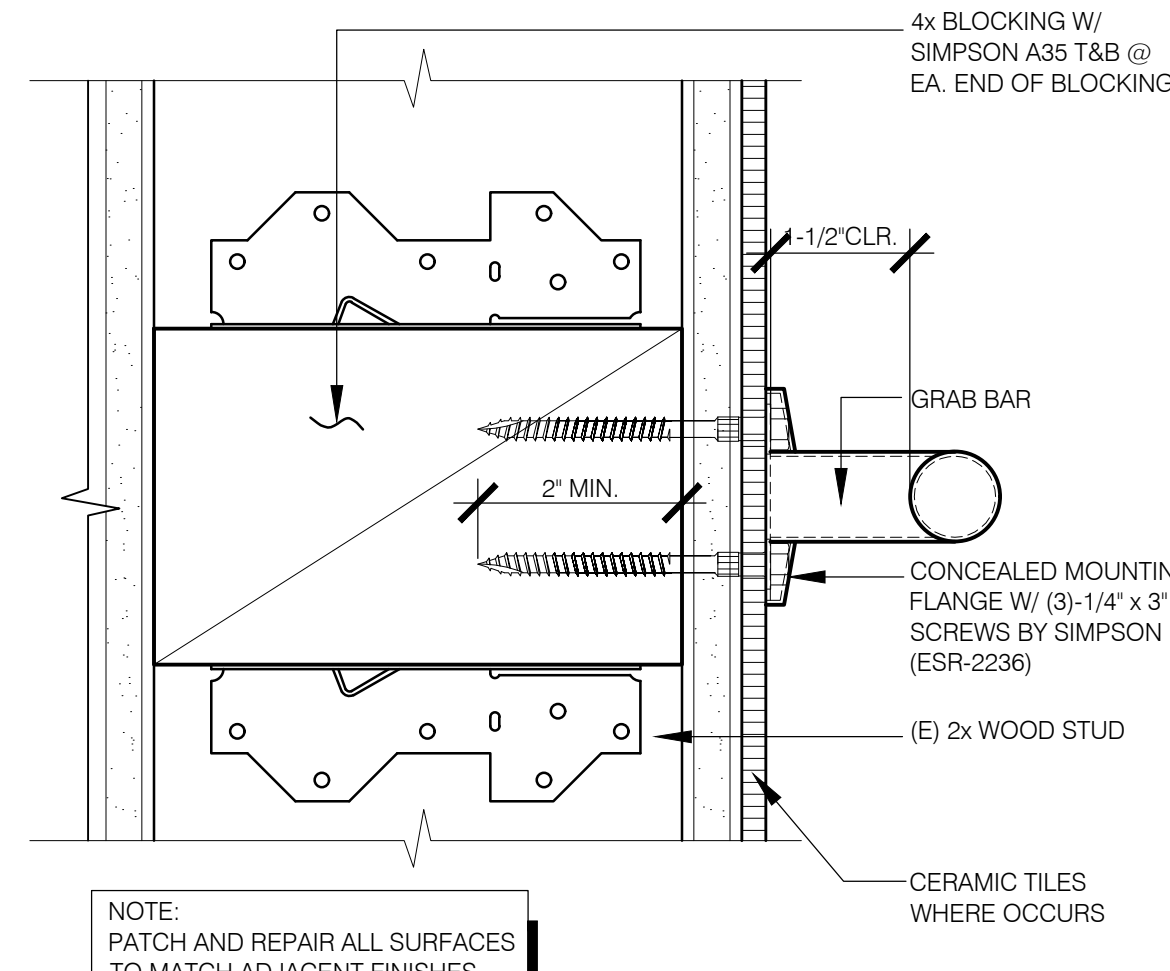
Designed: _____ Drawing No. _____
 Drawn: LEOLIWAG
 Checked: _____
 Plot Date: 2020-11-12
 Filename: cvccSHADE Sheet No. of

INSTALLATION OF SHADE STRUCTURE AT CVCC

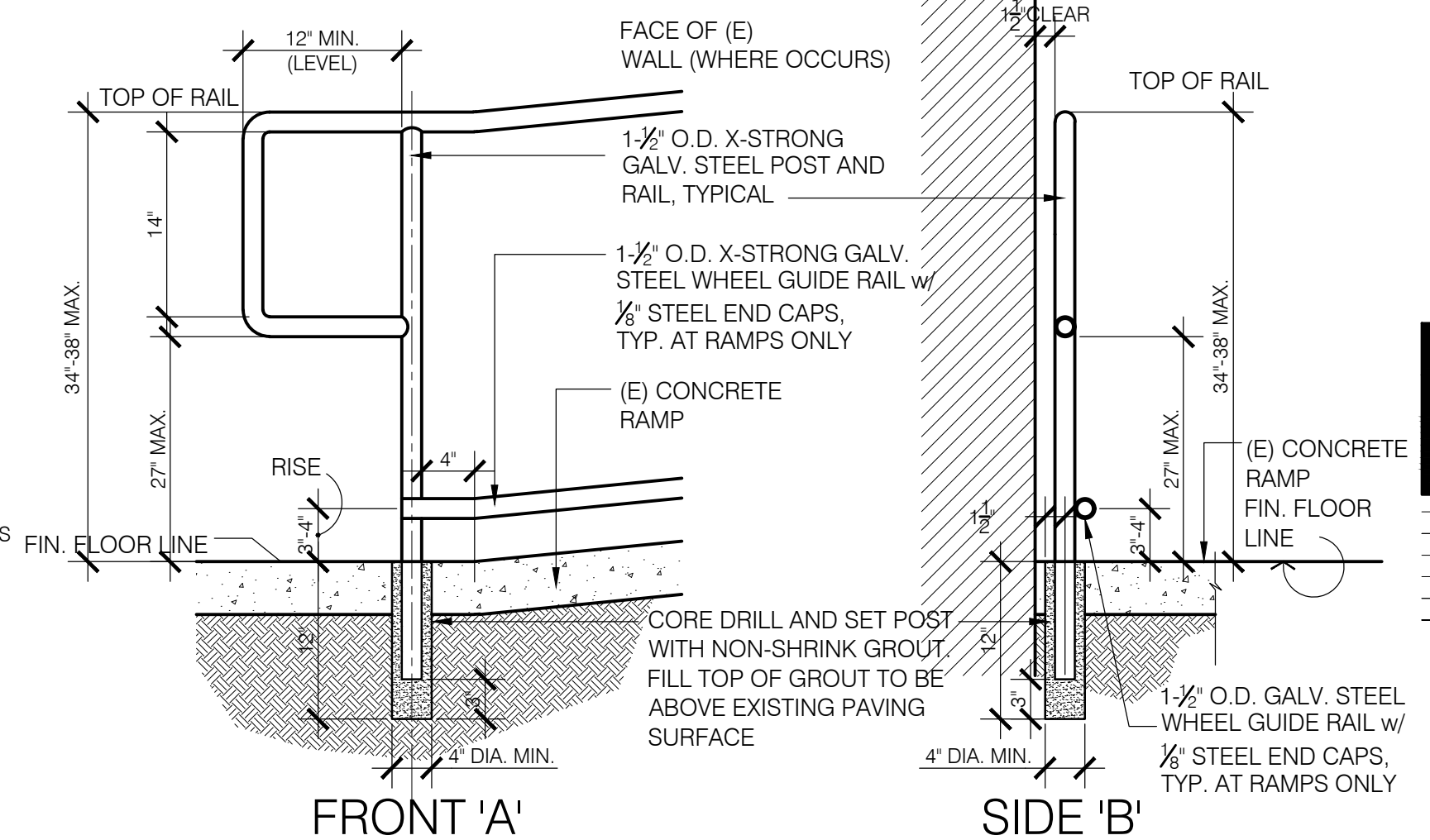
DIMENSIONS FOR THE FOLLOWING ITEMS	ADULT (INCHES)	AGES 3-4 (INCHES)	AGES 5-8 (INCHES)	AGES 9-12 (INCHES)	2019 CBC REFERENCE
A TOILET OFFSET	17'-18"	12'	12'-15"	15'-18"	S 11B-604.2
B TOILET SEAT HEIGHT	17'-19"	11'-12"	12'-15"	15'-17"	11B-604.4
C TOP OF GRAB BAR GRIPPING SURFACES	33'-36"	18'-20"	20'-25"	25'-27"	S 11B-604.2
D TOILET PAPER DISPENSER (A.F.F. TO CENTERLINE OF OUTLET OR ROLL)	19" MIN.	14"	14'-17"	17'-19"	S 11B-604.7
E FURTHEST T.P. DISPENSER IN FRONT OF W.C.	7'-9" TO CENTERLINE	7'-9" TO CENTERLINE	7'-9" TO CENTERLINE	7'-9" TO CENTERLINE	11B-604.7.1
F LAV/SINK RIM HEIGHT	34" MAX.	31" MAX.	31" MAX.	31" MAX.	S 11B-606.2 S 11B-606.3
G LAV/SINK KNEE CLEARANCE	27" MIN. AT APRON FOR LAVATORY	PARALLEL APPROACH PERMITTED	AGE 6-8, 24" MIN. AGE 5, PARALLEL APPROACH PERMITTED	24" MIN.	S 11B-606.2 F 11B-306.3
H URINAL HEIGHT	17" MAX.	17" MAX.	17" MAX.	17" MAX.	S 11B-605.2
I URINAL PROJECTION	13-1/2" MIN.	13-1/2" MIN.	13-1/2" MIN.	13-1/2" MIN.	S 11B-605.2
J URINAL FLUSH CONTROL HEIGHT	44" MAX.	44" MAX.	44" MAX.	44" MAX.	S 11B-605.4
K HIGH D.F. SPOUT HEIGHT	38'-43"	38'-43"	38'-43"	38'-43"	S 11B-602.7
L LOW D.F. APPROACH, SPOUT HEIGHT, AND SPOUT LOCATION FROM FRONT EDGE OF THE UNIT INCLUDING BUMPERS	FRONT APPROACH PER 11B-306.36" MAX. A.F.F. 8.5" MAX. FROM FRONT EDGE OF THE UNIT	PARALLEL APPROACH IS PERMITTED IF SPOUT IS 30" MAX. A.F.F. # 3-1/2" MAX. FROM FRONT EDGE OF THE UNIT	PARALLEL APPROACH IS PERMITTED IF SPOUT IS 30" MAX. A.F.F. # 3-1/2" MAX. FROM FRONT EDGE OF THE UNIT	PARALLEL APPROACH IS PERMITTED IF SPOUT IS 30" MAX. A.F.F. # 3-1/2" MAX. FROM FRONT EDGE OF THE UNIT	S 11B-602.2 S 11B-602.4 S 11B-602.5
M DRINKING FOUNTAIN OPERABLE PARTS	6" MAX. FRONT EDGE OF THE UNIT	6" MAX. FRONT EDGE OF THE UNIT	6" MAX. FRONT EDGE OF THE UNIT	6" MAX. FRONT EDGE OF THE UNIT	S 11B-602.3
N CANTILEVER D.F. PROJECTION	18'-19"	18'-19"	18'-19"	18'-19"	S 11B-602.8
O TOE CLEARANCE OF TOILET PARTITION	9" MIN.	12" MIN.	12" MIN.	12" MIN.	S 11B-604.8.1.4
P SHELF HEIGHT	40'-48"	40'-48"	40'-48"	40'-48"	S 11B-602.8.3
Q RESTROOM ACCESSORY REACH	40" MAX.	40" MAX.	40" MAX.	40" MAX.	11B-603.4 11B-604.8.3
R MIRROR HEIGHT (BOTTOM EDGE OF REFLECTIVE SURFACE)	40" MAX. (ABOVE LAV OR COUNTERTOP) 35" MAX. (NOT ABOVE LAV NOR COUNTERTOP)	40" MAX. (ABOVE LAV OR COUNTERTOP) 35" MAX. (NOT ABOVE LAV NOR COUNTERTOP)	40" MAX. (ABOVE LAV OR COUNTERTOP) 35" MAX. (NOT ABOVE LAV NOR COUNTERTOP)	40" MAX. (ABOVE LAV OR COUNTERTOP) 35" MAX. (NOT ABOVE LAV NOR COUNTERTOP)	S 11B-603.3
S MIRROR HEIGHT (BOTTOM EDGE OF REFLECTING SURFACE) IN DRESSING, FITTING & LOCKER RM.	20" MAX.	20" MAX.	20" MAX.	20" MAX.	S 11B-803.6



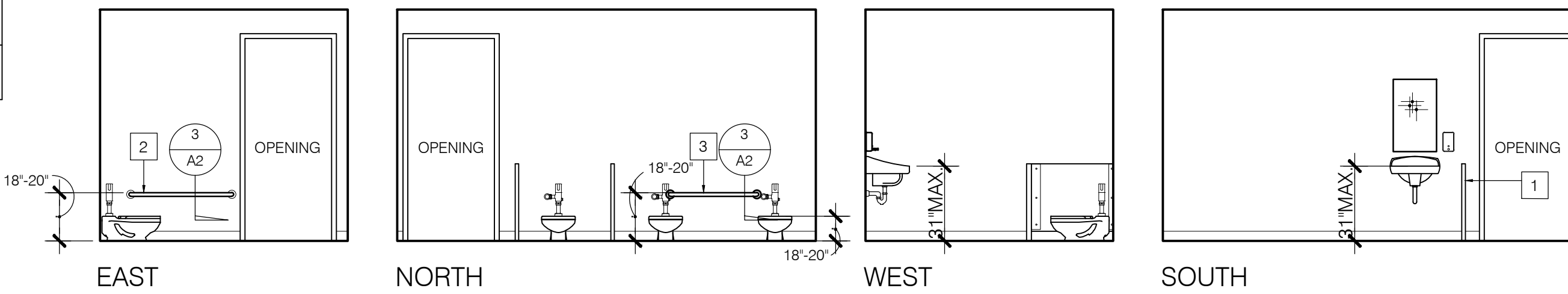
9 TOILET PARTITION
SCALE: 1-1/2" = 1'-0"



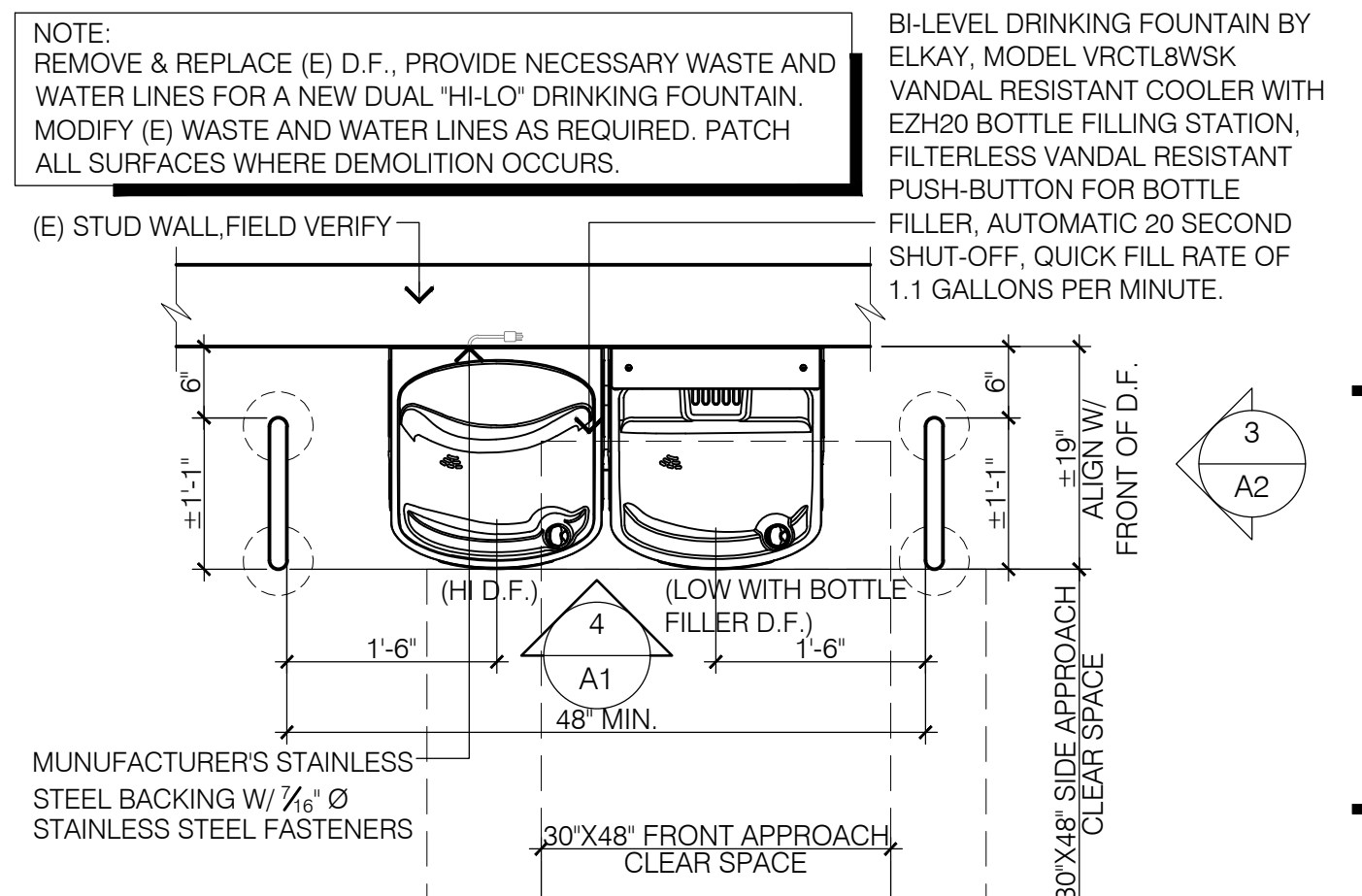
5 NEW WOOD BLOCKING DETAIL
SCALE: 6" = 1'-0"



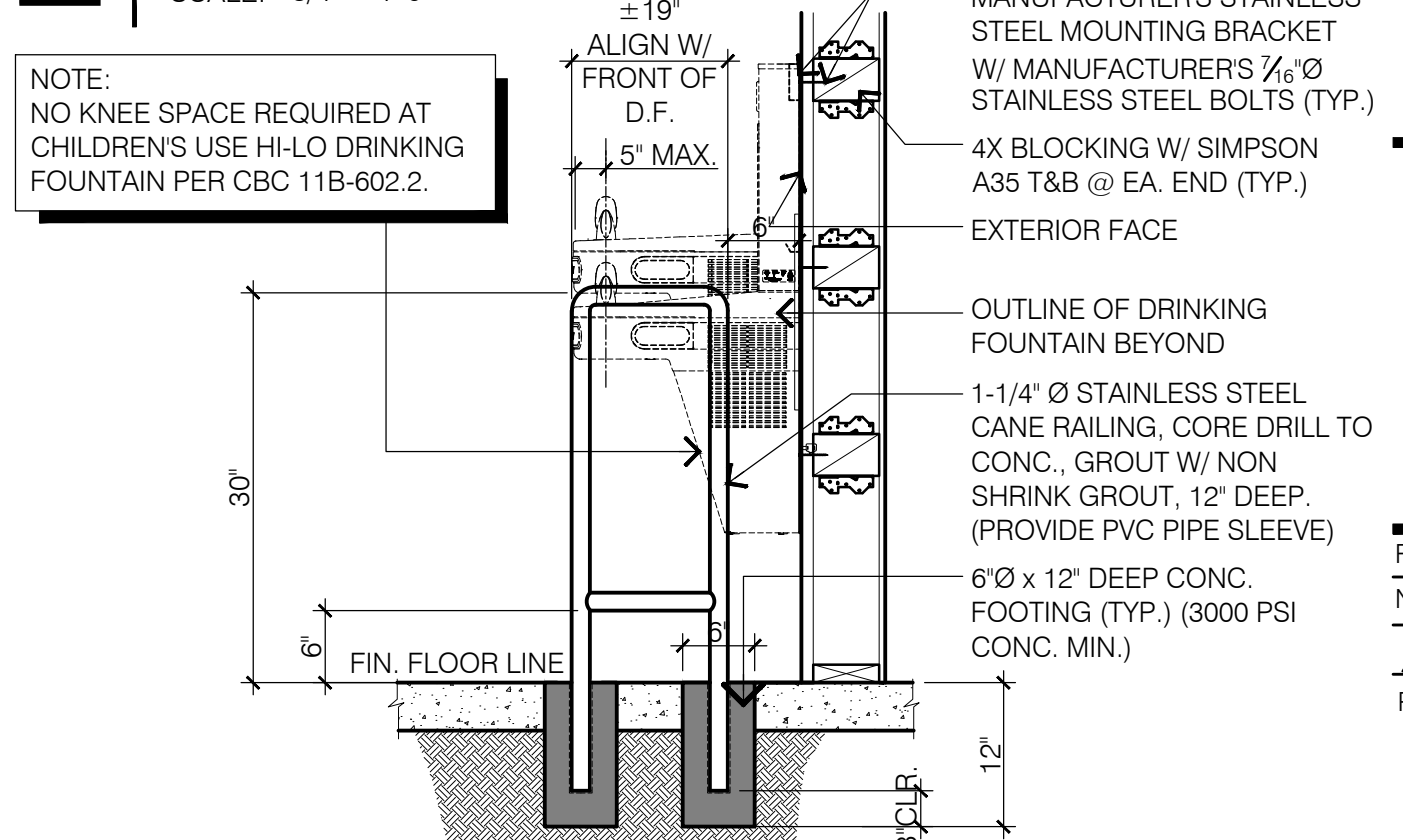
1 TYPICAL RAMP HANDRAIL END
SCALE: 1" = 1'-0"



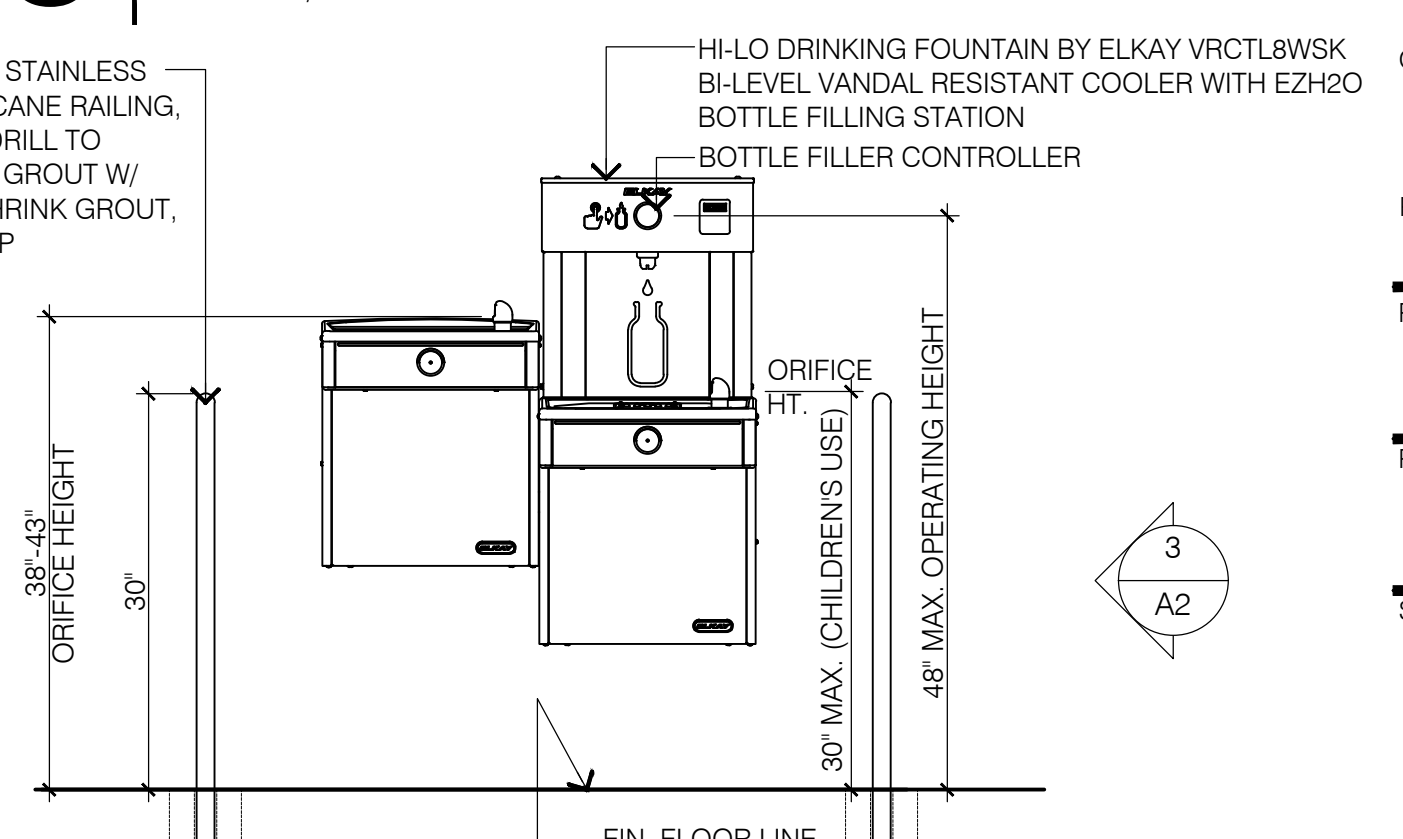
10 INTERIOR ELEVATIONS TODDLER RR
SCALE: 1/4" = 1'-0"



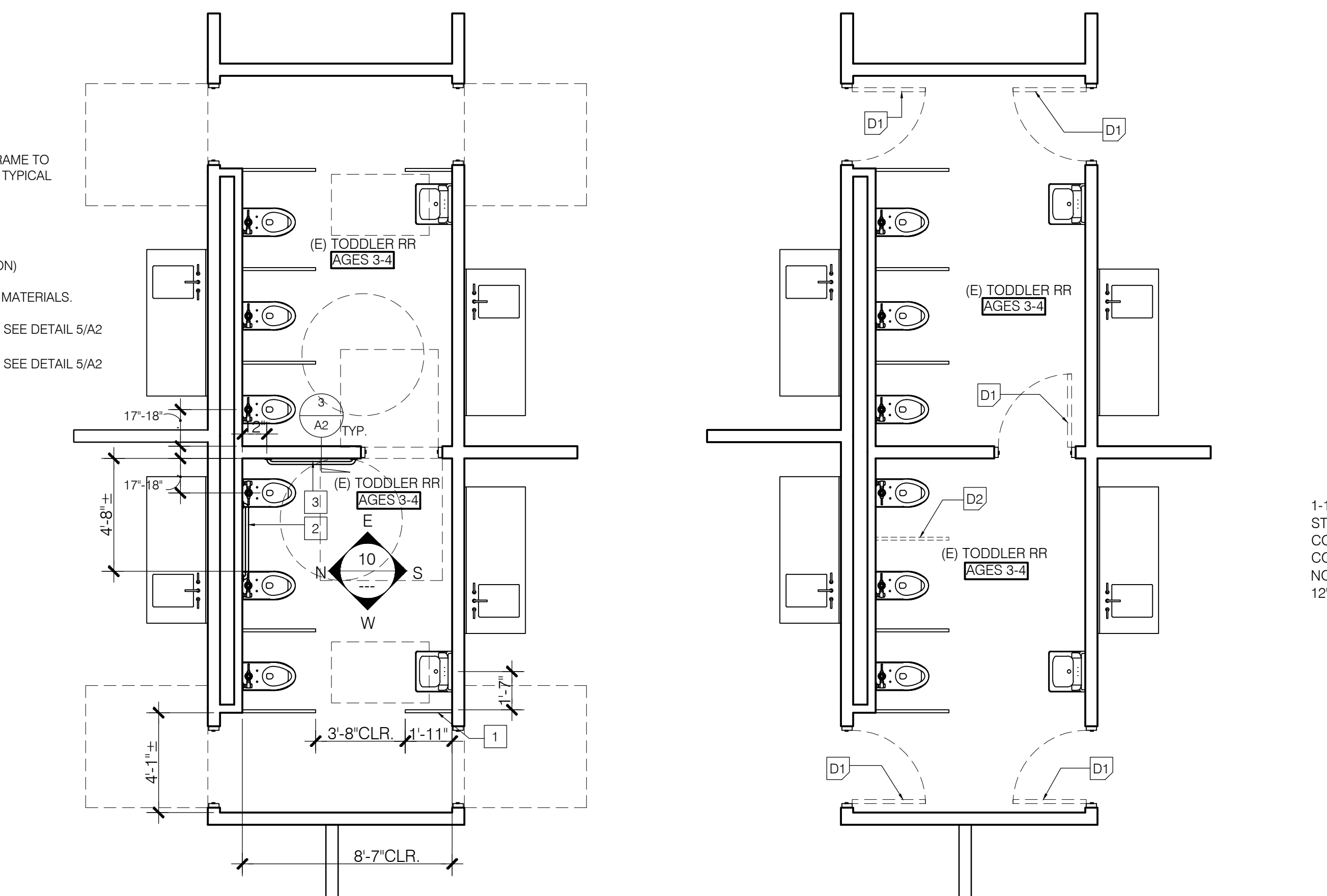
2 FLOOR PLAN HI-LO D.F.
SCALE: 3/4" = 1'-0"



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



4 HI-LO D.F. W/ BOTTLE REFILLER
SCALE: 3/4" = 1'-0"



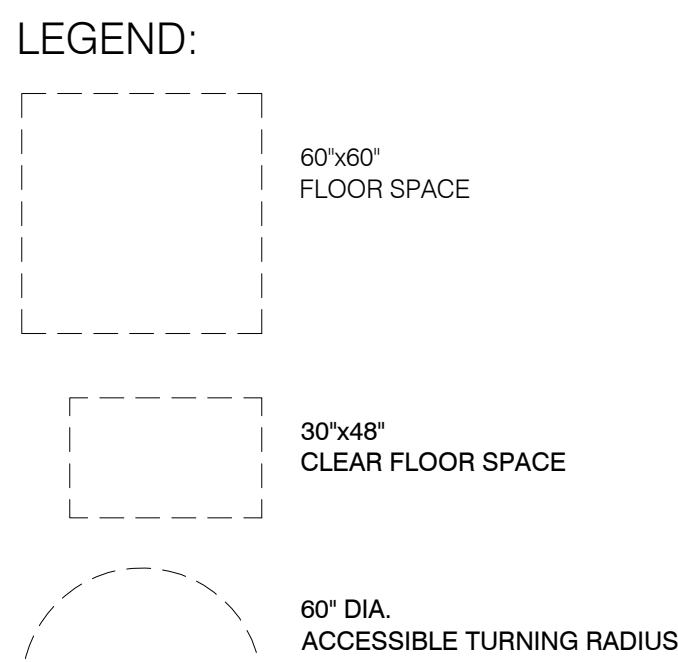
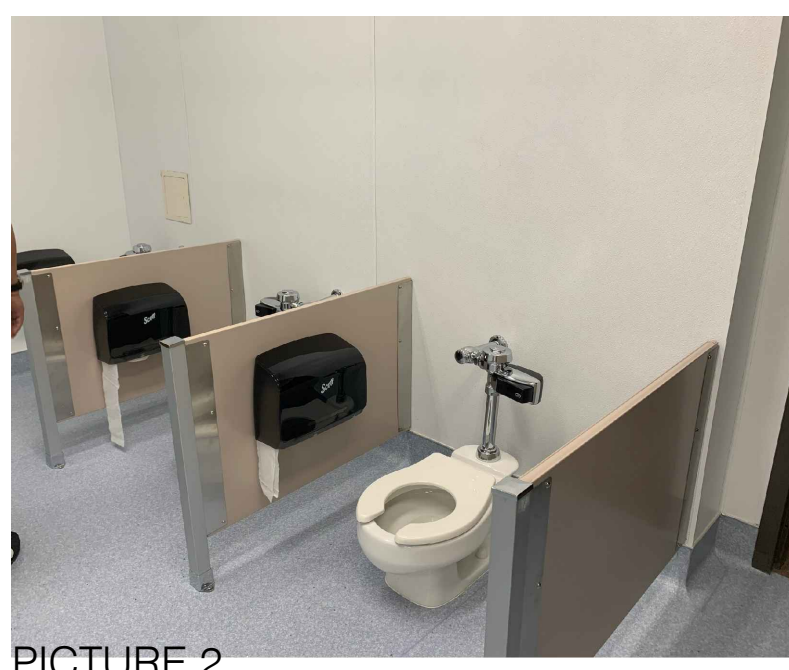
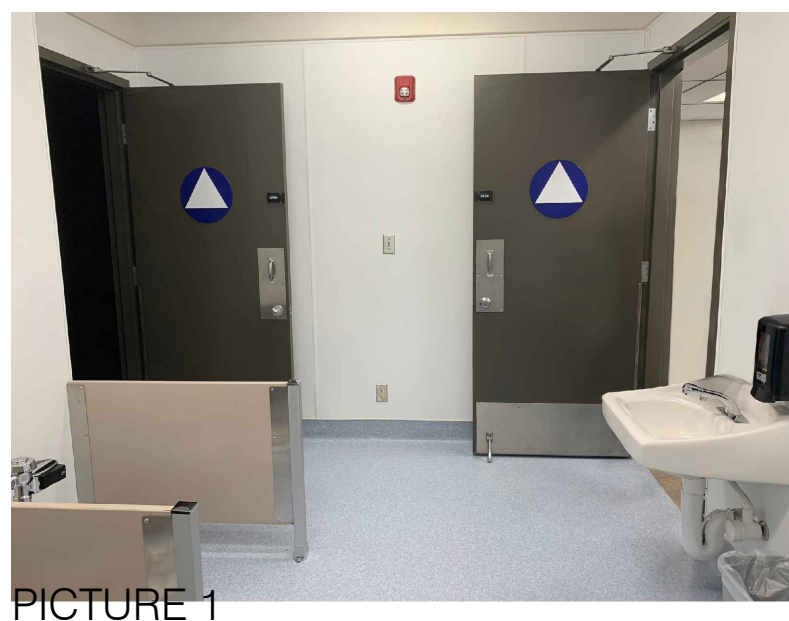
8 DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"



12 NEW FLOOR PLAN
SCALE: 1/4" = 1'-0"

- NOTES:
- TOILET ACCESSORIES REQUIRED TO BE ACCESSIBLE SHALL BE MOUNTED AT HEIGHTS ACCORDING TO 2019 CBC SECTION 11B-603.5.
 - TOILET PAPER AND FEMININE NAPKIN DISPENSER LOCATED ON THE GRAB BAR SIDE ON AN ACCESSIBLE TOILET ROOM OR STALL SHALL NOT PROJECT MORE THAN 3" FROM THE FIN. WALL SURFACE NOR BE LOCATED CLOSER THAN 1-1/2" CLEAR OF THE TANGENT POINT OF THE GRAB BAR. POLICY 99-07
 - ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF CBC SECTION 11B-213.2, HEIGHTS AND LOCATIONS OF ALL FIXTURES SHALL BE ACCORDING TO CBC TABLE 11B-604.9. SEE TABLE THIS SHEET
 - FIXTURE CONTROLS SHALL COMPLY WITH CBC SECTION 11B-DIVISION 6. TOILET STALLS FOR DISABLED PERSONS SHALL HAVE A SLIDE BOLT DOOR LATCH. U-SHAPE OR WIRE PULLS BOTH SIDES OF THE DOOR AND SELF CLOSING HINGES. DOOR HARDWARE SHALL BE MOUNTED AT 30" TO 44" ABOVE FINISHED FLOOR. DOORS AT FRONT ENTRY STALLS SHALL HAVE 32" MINIMUM CLEAR WIDTH WHEN THE DOOR IS OPEN 90°. DOORS AT SIDE ENTRY STALLS SHALL HAVE 34" MINIMUM CLEAR WIDTH WHEN DOOR IS OPEN 90°.
 - PROVIDE INSULATION ON WASTE AND WATER PIPES @ SINKS AND LAVATORIES TYPICAL WHERE SINKS AND LAVATORIES OCCUR.
 - PROVIDE TOILET FLUSH VALVE ON THE WIDER SIDE OF ADA TOILET ROOM/COMPARTMENT.
 - PROVIDE BLOCKING @ STUD WALLS WHERE SURFACE MOUNTED ACCESSORIES OCCUR

- REFERENCE NOTES: (DEMOLITION)
- D1 REMOVE EXISTING HOLLOW METAL DOOR. EXISTING FRAME TO REMAIN. INSTALL BLANK PLATES ON HINGE LOCATION, TYPICAL
 - D2 REMOVE EXISTING TOILET PARTITION. PATCH AND REPAIR ALL SURFACES FROM REMOVAL.
- REFERENCE NOTES: (NEW CONSTRUCTION)
- 1 NEW TOILET PARTITION/SCREEN TO MATCH ADJACENT MATERIALS. SEE DETAIL 9/A2
 - 2 NEW 36" LONG 1-1/4" DIA. GRAB BAR MODEL B-5806x36. SEE DETAIL 5/A2 BY BOBRICK
 - 3 NEW 42" LONG 1-1/4" DIA. GRAB BAR MODEL B-5806x42. SEE DETAIL 5/A2 BY BOBRICK



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-121212 INC:
REVIEWED FOR
SS FLS ACS
DATE: 01/11/2021

P-LINE CONSULTING
20803 e. valley blvd., ste. 206
walnut, ca 91789
c: 714.747.7263
t: 909.839.0123
e: leny@p-lineconsulting.com
Lery F. Gallego
Principal

REGISTERED ARCHITECT
STATE OF CALIFORNIA
C-22914
EXP. 3/31/21
RENEWAL DATE

THE ILLUSTRATIONS INDICATED ON THIS SHEET ARE TO REPRESENT THE ARCHITECTURAL DESIGN CONCEPT OF THE PROJECT ONLY. THE DIMENSIONS OF THE BUILDING, THE ELECTRICAL ELEMENTS, AND THE TYPE OF STRUCTURAL, MECHANICAL, AND/OR ELECTRICAL SYSTEMS REPRESENTED DO NOT NECESSARILY PROVIDE THE FULL DESCRIPTION OF THE WORK REQUIRED FOR THE PERFORMANCE OF ALL ACTIVITIES TO COMPLETE THE INSTALLATION. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIALS AND LABOR REQUIRED FOR THE PROPER EXECUTION OF THE CONTRACT DOCUMENTS CONSISTENT WITH ALL APPLICABLE CODES AND ACCEPTABLE CONSTRUCTION PRACTICES.

Revision(s)	Date
No.	Remarks

Project Title:
SITE INSTALLATION OF 1-30x30\"/>

Owner:
COVINA - VALLEY UNIFIED SCHOOL DISTRICT

Project Address:
4400 N ROXBURGH AVENUE, COVINA, CA 91722

Project Tracking No.
64436-182

Project No.
63020CVCC_SHADE

Sheet Title
TYPICAL DETAILS

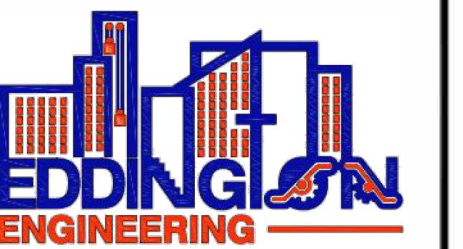
Designed: _____ Drawing No. _____
Drawn: LEOLIWAG
Checked: _____
Plot Date: 2020-11-12
Filename: cvccSHADE Sheet No. _____ of _____

A2

ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND THE SAME MAY NOT BE REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

INSTALLATION OF SHADE STRUCTURE AT CVCC

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-121212 INC: REVIEWED FOR SS FLS ACS DATE: 01/11/2021



6001 Helva Lane Carmichael, CA 95608 Phone: (916)359-5300 www.eddingtonengineering.com



MANUFACTURER:

CUSTOM CANOPIES, INC.

19 Valeroso Rancho Santa Margarita, CA 92688 (952) 464-4766 Fax: (952) 464-4770

IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT PRE-CHECK (PC) DOCUMENT CODE: 2016 CBC A separate project application for construction is required. APP: 04-17970 INC: REVIEWED FOR SS FLS ACS DATE: 04.09.19

FABRIC CANOPIES DSA PC COVER SHEET & NOTES

ISSUE INFORMATION

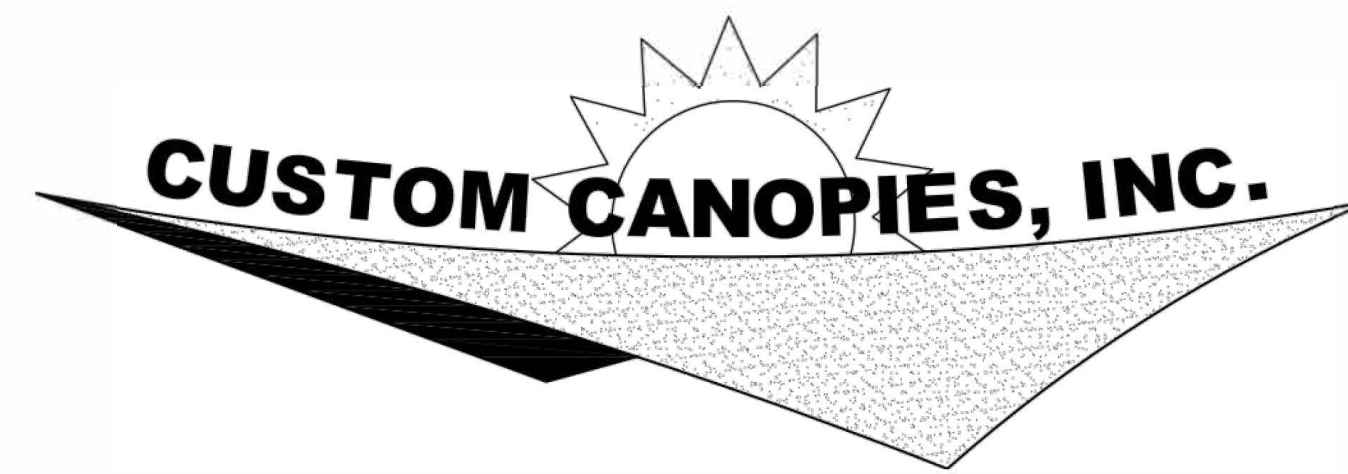
Table with 2 columns: FILE NAME, JOB #, DRAWN BY, DRAWING #, DATE. Includes details for Custom Canopies 2016 CBC (1) and drawing 1 of 4.

FABRIC CANOPIES DSA PRE-CHECK

Most anywhere in

California

CANOPY DESIGN AND INSTALLATION PROVIDED BY



19 Valeroso Rancho Santa Margarita, CA 92688 www.customshadecanopies.com

SCHEDULE OF DRAWINGS

Table with 2 columns: #, DRAWING TITLE. Lists drawing 1 (COVER SHEET & NOTES), 2 (CANOPY PLANS & TABLES), 3 (TYPICAL CANOPY BRACING DETAILS), 4 (TYPICAL CANOPY DETAILS & T&I GUIDELINE).

DESIGN PARAMETER CHECKLIST FOR OVER-THE-COUNTER REVIEW

THE FOLLOWING CHECKLIST IS INTENDED TO ASSIST THE PLAN REVIEWER DETERMINE IF THIS PRE-CHECKED SUBMITTAL IS APPLICABLE TO THE SITE-SPECIFIC CONDITIONS IN WHICH IT IS INTENDED TO BE USED. IF THIS CHECKLIST CANNOT BE COMPLETED, ADDITIONAL ENGINEERING PROVING SITE-SPECIFIC COMPLIANCE IS REQUIRED.

THIS PRE-CHECKED SUBMITTAL IS APPLICABLE UNDER THE FOLLOWING CIRCUMSTANCES:

- List of conditions including risk category, wind exposure, site seismic, design criteria, soil strength, canopy size, and geotechnical report requirements.

ASSEMBLY USE SELECTION CHECKLIST

THE FOLLOWING CHECKLIST IS TO BE USED BY THE PARTY SUBMITTING THIS PRE-CHECK TO INDICATE THE INTENDED ASSEMBLY USE FOR THIS FABRIC CANOPY.

- Assembly use options: A-2, A-3.

NOTE: THE LOCATION OF THESE CANOPIES ADJACENT TO OTHER BUILDINGS IS SUBJECT TO SITE SPECIFIC APPROVAL.

INTENDED OCCUPANCY LOAD:

SHADE STRUCTURES 1 & 2 (10'X20'): 29 PERSONS, SHADE STRUCTURE 3 (30'X30'): 129 PERSONS

CANOPY SIZE SELECTION CHECKLIST

THE FOLLOWING CHECKLIST IS TO BE USED BY THE PARTY SUBMITTING THIS PRE-CHECK TO INDICATE THE INTENDED SIZES USED FOR THIS FABRIC CANOPY SUBMITTAL.

- Canopy size options: 20' x 10', 20' x 15', 20' x 20', 25' x 25', 30' x 20', 30' x 25', 36' x 18', 40' x 20', 30' x 30', 40' x 30', (FOR INTERMEDIATE SIZE).

NOTES:

- Notes regarding site-specific geotechnical reports, plan dimensions, height options, and intermediate sizes.

SITE-SPECIFIC CODE ANALYSIS

THIS SECTION IS TO BE FILLED OUT BY THE ARCHITECT OF RECORD FOR SITE-SPECIFIC APPROVAL

OCCUPANCY GROUP: A-3 (SEE ASSEMBLY USE CHECKLIST) TYPE OF CONSTRUCTION: TYPE VB FIRE SPRINKLER: NO

SHADE STRUCTURE AREA = STRUCTURE 1& 2: 200 SF, STRUCTURE 3: 900 SF. ALLOWABLE AREA = 6,000 ft

MAXIMUM DESIGN CRITERIA

- Maximum design criteria including vertical loads (live, dead, snow, ice), allowable soil pressure, lateral loads, wind (ultimate design, nominal design), and seismic design parameters.

APPLICABLE CODES AND STANDARDS

- List of applicable codes: 2016 California Administration Code, 2016 California Building Code, 2016 California Fire Code.

ABBREVIATIONS & SYMBOLS

Table mapping abbreviations (DIM, EXT, FT, GA, INSP, INT, KSI, I, LB, MIN, NA, NO, OZ, PL, PSF, S, SHT, SIM, SQ, Sd, STRUC, SYM, t, TYP, U.O.N, xS, Ø, #, <, >) to their full meanings (AREA, DIMENSION, EACH, EXTERIOR, FOOT OR FEET, GAGE, INSPECTIONS, INTERIOR, KIIPS PER SQUARE INCH, MOMENT OF INERTIA, POUND, MINIMUM, NOT APPLICABLE, NUMBER, OUNCES, PLATE, POUND PER SQUARE FOOT, SECTION MODULOUS, SHEET, SIMILAR, SQUARE, STANDARD, STRUCTURAL, SYMMETRICAL, THICKNESS, TYPICAL, UNLESS OTHERWISE NOTED, EXTRA STRONG, DIAMETER, NUMBER, LESS THAN, GREATER THAN).

GENERAL NOTES

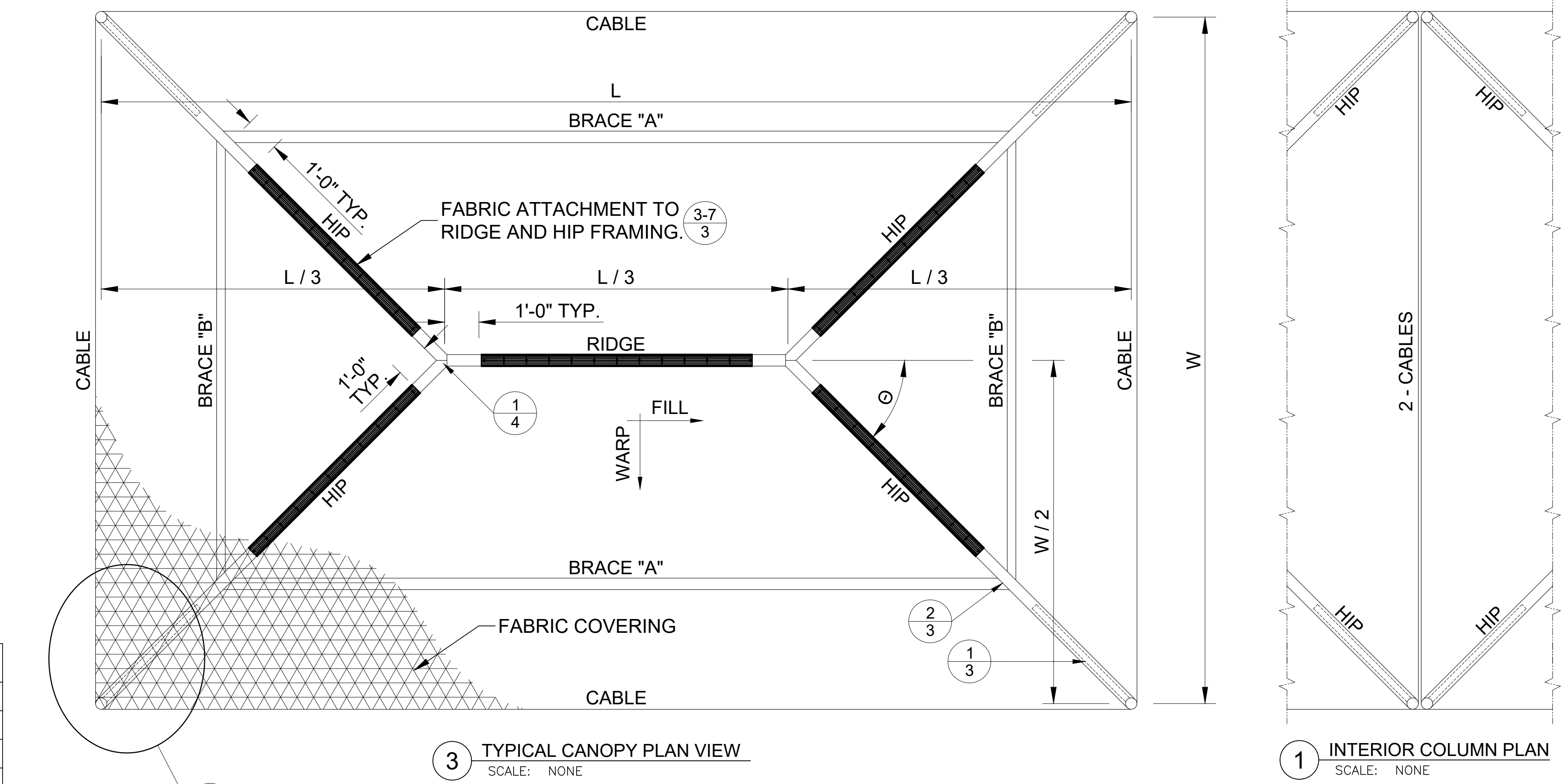
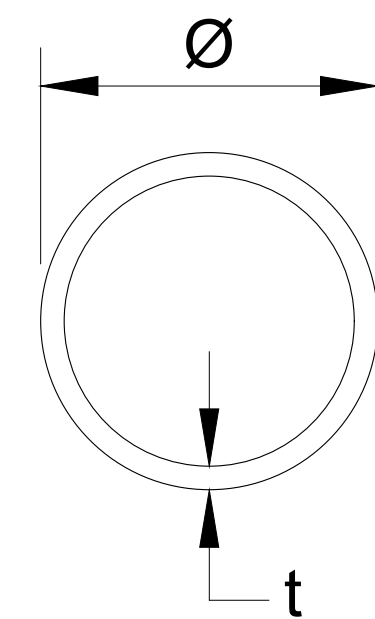
- General notes covering material specifications (concrete, rebar, steel, pipe), welding requirements, corrosion protection, fabric material, and standard notes regarding code compliance and construction details.

Registered Flame Resistant Product label for CAL FIRE. Includes logo, registration details (Product: EXTRA BLOCK SHADECLOTH, Registration No. F-94501), and approval information (Deputy State Fire Marshal, Expires: 6/30/2021).

Canopy Base Shear Reactions			
Size	Max Base Shear (lbs)	Risa Load Case	Load Combination
20x15	210	11	DL + .7EQx 1.25
20x20	262	11	DL + .7EQx 1.25
30x20	350	11	DL + .7EQx 1.25
30x25	499	9	.6DL + WB
30x30	650	11	DL + .7EQx 1.25
40x20	551	9	.6DL + WB
40x30	751	9	.6DL + WB

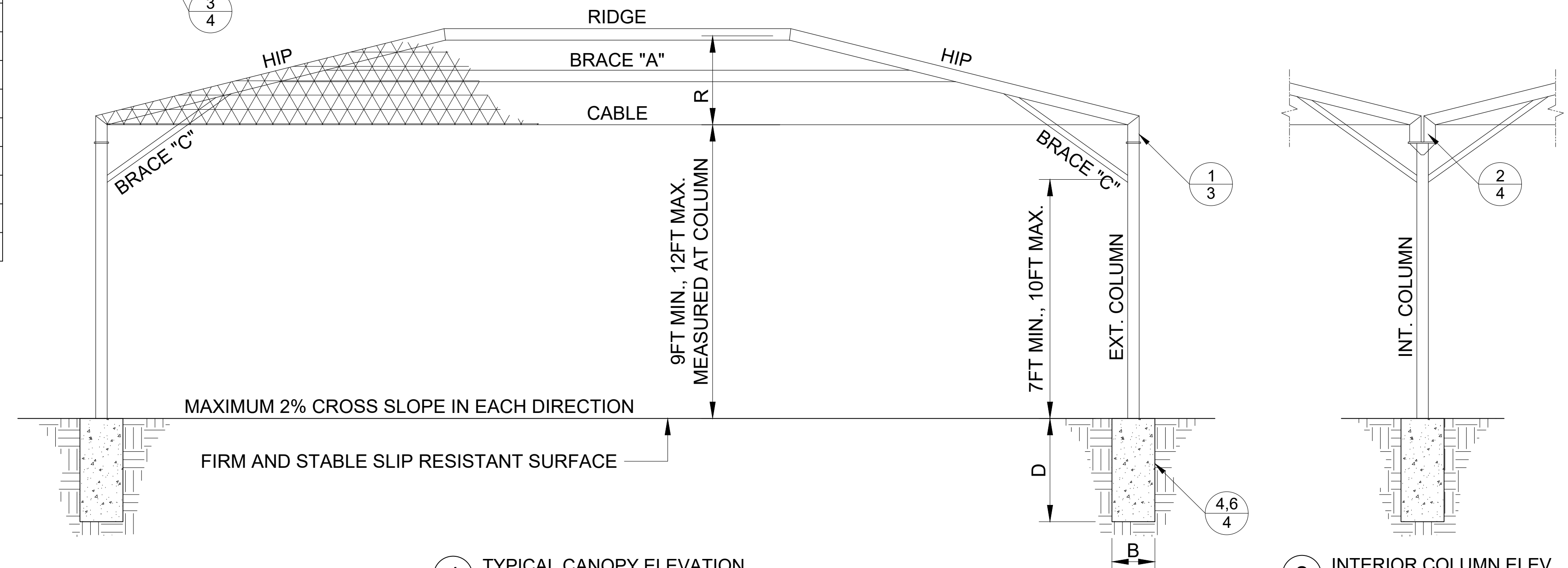
NOTE: BASE SHEAR REACTIONS ARE DOUBLED AT INTERIOR COLUMN LOCATIONS

STRUCTURAL TUBING PROPERTIES						
SIZE	Ø	t des.	A	I	S	GAGE REFERENCE
1 3/4"Øx.109	1.75"	.101"	.523in2	.179in4	.204in3	12GA
2"Øx.095	2"	.088"	.529in2	.242in4	.242in3	13GA
2 1/4"Øx.120	2.25"	.112"	.752in2	.431in4	.383in3	11GA
2 7/8"Øx.109	2.875"	.101"	.880in2	.848in4	.590in3	12GA
2 7/8"Øx.120	2.875"	.112"	.972in2	.929in4	.646in3	11GA
3"Øx.120	3"	.112"	1.016in2	1.061in4	.707in3	11GA
3 1/2"Øx.120	3.5"	.112"	1.192in2	1.712in4	.978in3	11GA
4"Øx.120	4"	.112"	1.368in2	2.587in4	1.294in3	11GA
4 1/2"Øx.120	4.5"	.112"	1.544in2	3.718in4	1.653in3	11GA
4 1/2"Øx.180	4.5"	.167"	2.273in2	5.343in4	2.375in3	7GA
5"Øx.120	5"	.112"	1.720in2	5.139in4	2.056in3	11GA
5"Øx.180	5"	.167"	2.536in2	7.412in4	2.965in3	7GA



3 TYPICAL CANOPY PLAN VIEW
SCALE: NONE

1 INTERIOR COLUMN PLAN
SCALE: NONE



4 TYPICAL CANOPY ELEVATION
SCALE: NONE

2 INTERIOR COLUMN ELEV.
SCALE: NONE

CANOPY OPTIONS																			
L	W	R	Ø	Ext. Col.	D "n"	D "c"	B	Int. Col.	D "n"	D "c"	B	HIP	RIDGE	BRACE A	BRACE B	CABLE	BOLT A	BOLT B	BOLT C
20'	10'	1.77'	36.9°	3" Std.	3.6'	2.5'	1.5'	3" Std.	4.7'	3.2'	1.5'	2 7/8"Øx.109	2 7/8"Øx.109	2 7/8"Øx.109	2"Øx.095	1/4"Ø	1/2"Ø	3/8"Ø	1/2"Ø
20'	15'	2.13'	48.4°	3" Std.	3.6'	2.5'	1.5'	3" Std.	4.7'	3.2'	1.5'	2 7/8"Øx.109	2 7/8"Øx.109	2 7/8"Øx.109	2"Øx.095	1/4"Ø	1/2"Ø	3/8"Ø	1/2"Ø
20'	20'	2.55'	56.3°	3" Std.	4.1'	2.8'	1.5'	3" Std.	5.4'	3.6'	1.5'	3 1/2"Øx.120	3 1/2"Øx.120	2 7/8"Øx.109	2 7/8"Øx.109	1/4"Ø	1/2"Ø	3/8"Ø	1/2"Ø
25'	25'	3.19'	56.3°	4" Std.	4.3'	2.9'	2'	4" Std.	5.6'	3.7'	2'	4 1/2"Øx.120	4 1/2"Øx.120	4 1/2"Øx.120	3 1/2"Øx.120	5/16"Ø	3/4"Ø	(2) 3/8"Ø	5/8"Ø
30'	20'	3.01'	45.0°	3 1/2" Std.	4.2'	2.9'	2'	3 1/2" Std.	5.6'	3.7'	2'	4"Øx.120	4"Øx.120	4"Øx.120	2 7/8"Øx.120	5/16"Ø	5/8"Ø	3/8"Ø	5/8"Ø
30'	25'	3.40'	51.3°	4" Std.	4.3'	2.9'	2'	4" Std.	5.6'	3.7'	2'	4 1/2"Øx.120	4 1/2"Øx.120	4 1/2"Øx.120	3 1/2"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	5/8"Ø
36'	18'	3.19'	36.9°	4" Std.	4.4'	3.1'	2'	4" Std.	5.8'	3.9'	2'	4 1/2"Øx.120	4 1/2"Øx.120	4 1/2"Øx.120	2 7/8"Øx.120	5/16"Ø	5/8"Ø	3/8"Ø	5/8"Ø
40'	20'	3.54'	36.9°	4" Std.	4.9'	3.4'	2'	4" Std.	5.9'	4'	2.5'	4 1/2"Øx.180	4 1/2"Øx.120	4 1/2"Øx.180	2 7/8"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	3/4"Ø
30'	30'	3.83'	56.3°	5" Std.	5.4'	3.7'	2'	5" Std.	6.5'	4.3'	2.5'	5"Øx.180	5"Øx.120	4 1/2"Øx.120	3 1/2"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	3/4"Ø
40'	30'	4.27'	48.4°	5" Std.	5.8'	3.9'	2'	5" Std.	7'	4.6'	2.5'	5"Øx.180	5"Øx.120	5"Øx.180	4"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	3/4"Ø

TABLE NOTES:
n = NONCONSTRAINED CONDITION (SEE DETAIL 4B ON SHEET 4)
c = CONSTRAINED CONDITION (SEE DETAIL 4A ON SHEET 4)
DIMENSIONS "L" OR "W" MAY BE REPEATED IN ONE DIRECTION ONLY.

← CABLE FOR 40'X30 CANOPY MUST BE GALVANIZED TYPE NOT STAINLESS

PC IDENTIFICATION STAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-121212 INC:
REVIEWED FOR
SS FLS ACS
DATE: 01/11/2021

EDDINGTON ENGINEERING
6001 Helva Lane
Carmichael, CA 95608
Phone: (916)359-5300
www.eddingtonengineering.com



MANUFACTURER:
CUSTOM CANOPIES, INC.
19 Valeroso
Rancho Santa Margarita, CA 92688
(952) 464-7565 Fax: (562) 464-4770

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
PRE-CHECK (PC) DOCUMENT
CODE: 2016 CBC
A separate project application for construction is required

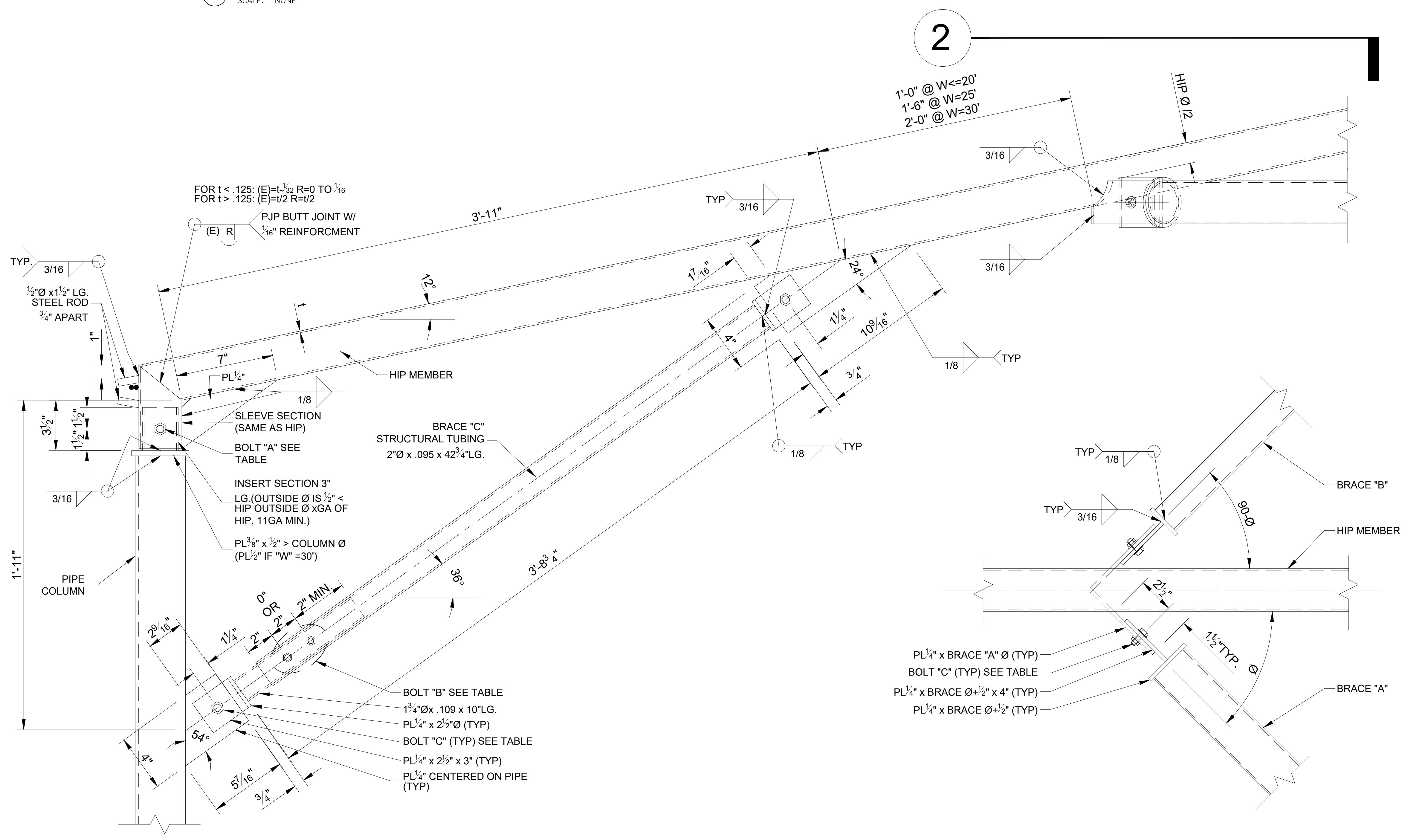
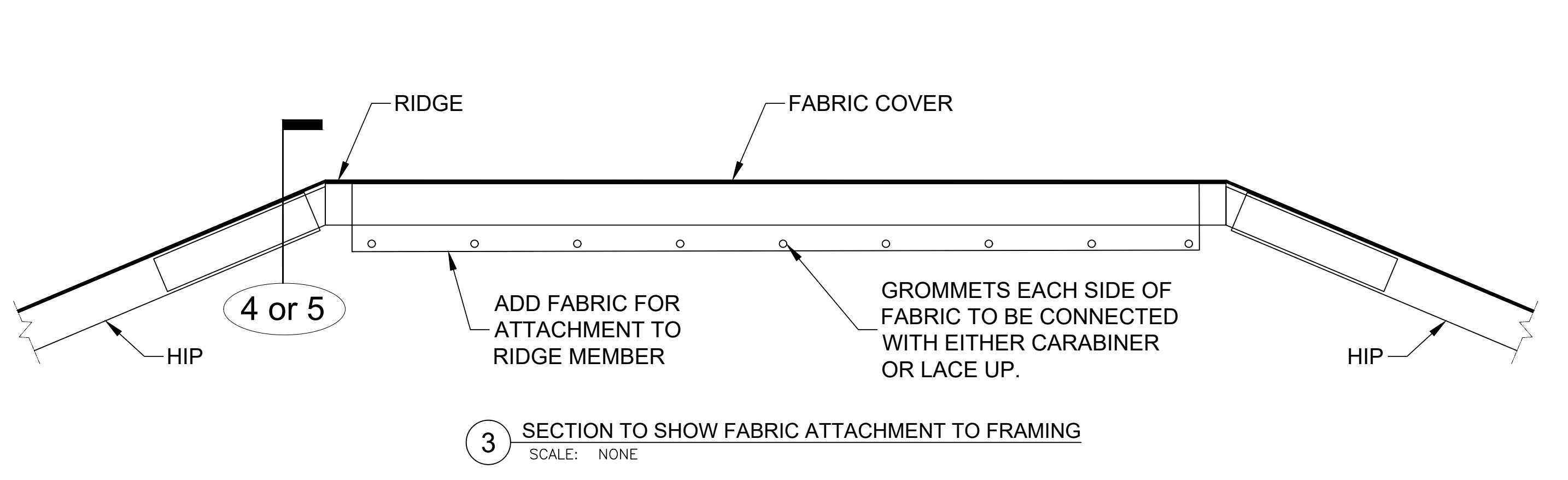
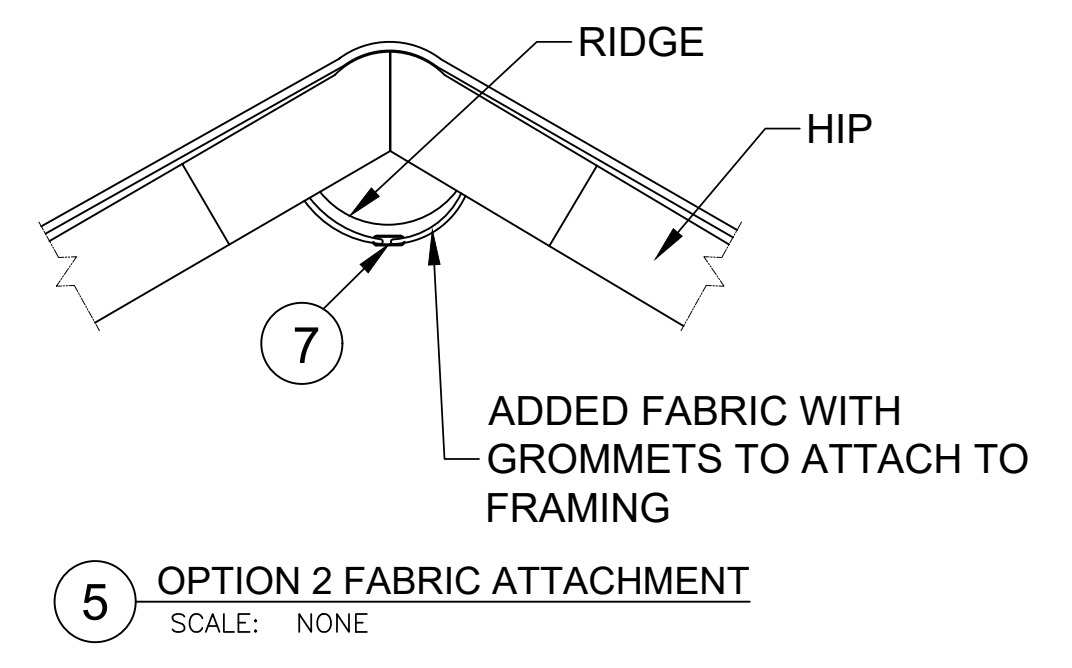
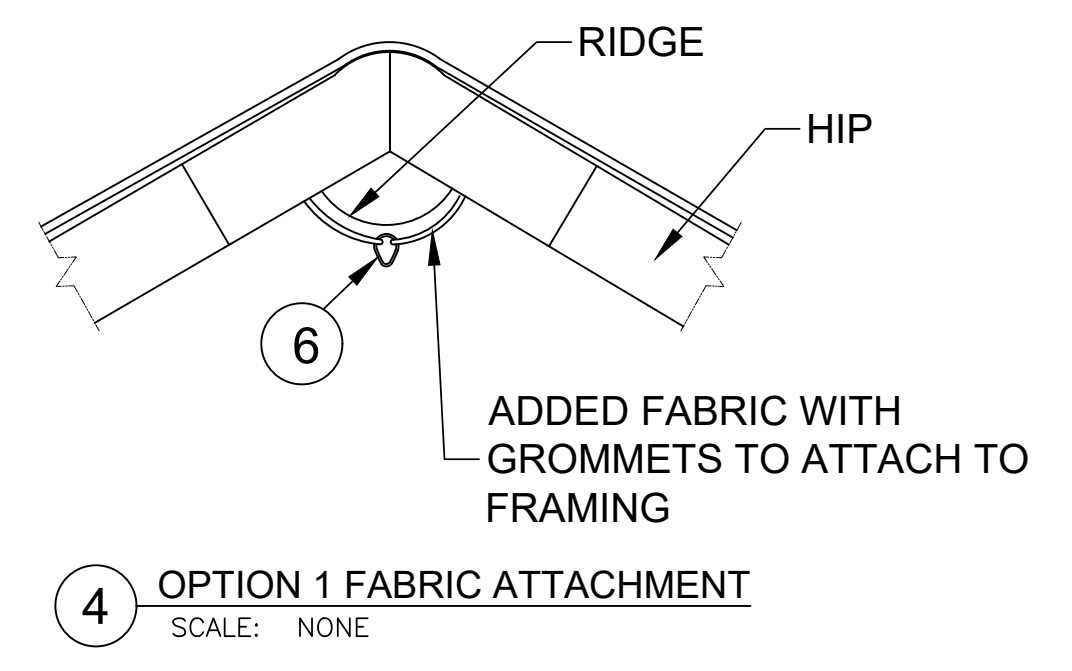
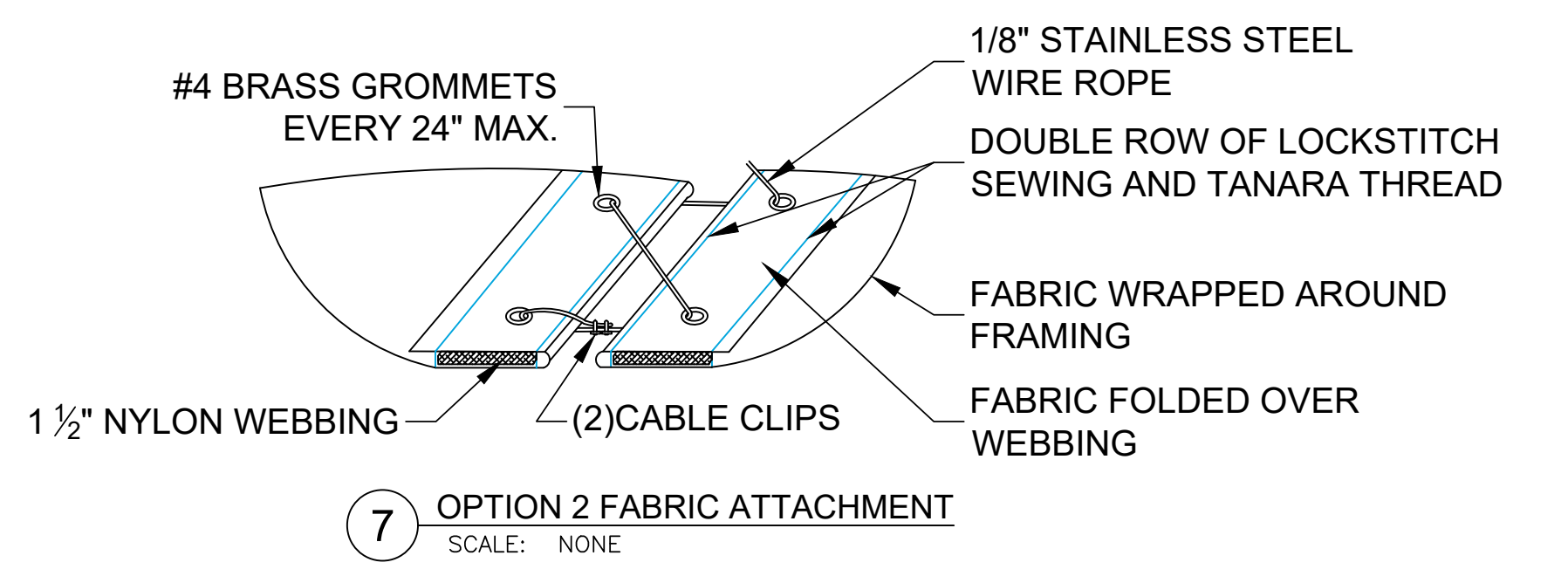
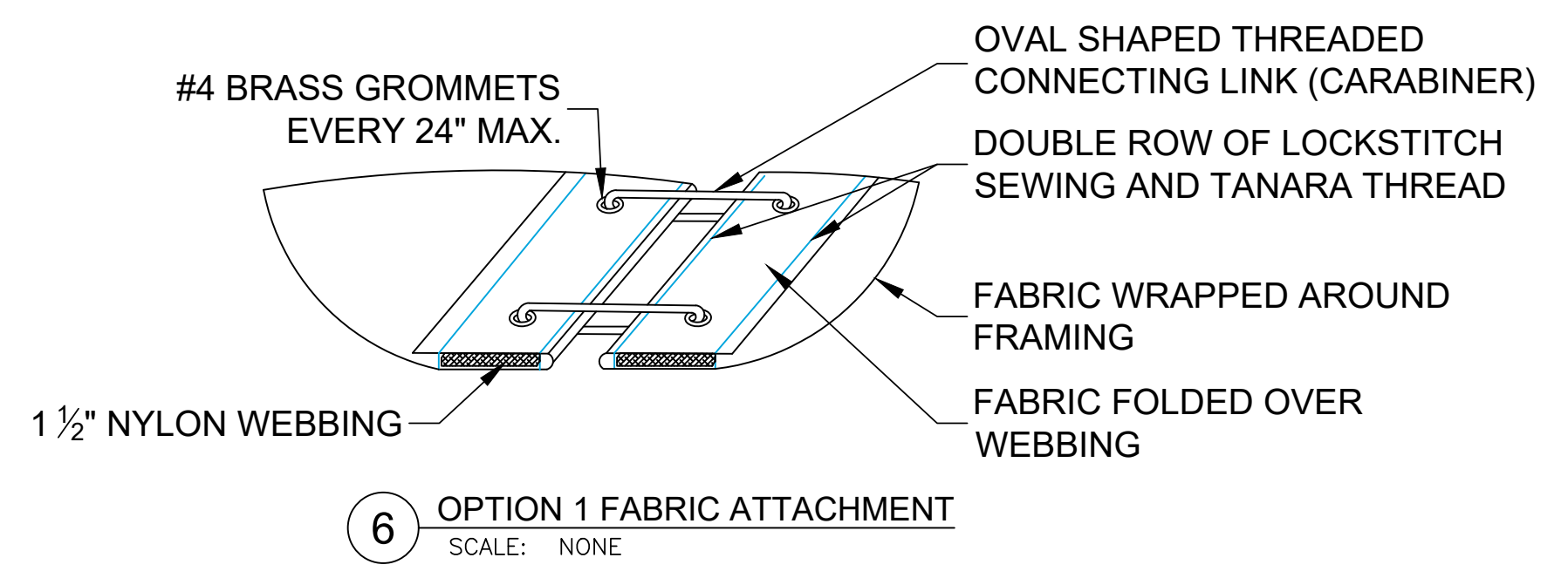
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-117970 INC:
REVIEWED FOR
SS FLS ACS
DATE: 04.09.19

FABRIC CANOPIES DSA PC
CANOPY PLANS & TABLES

ISSUE INFORMATION

FILE NAME: Custom Canopies 2016 CBC (1)	JOB # #####
DRAWN BY: ISAAC EDDINGTON	DRAWING # 2 OF 4
DATE: 4/9/19	

File Location: G:\Team Drive\Eddington_Engineering\CANOPYES\CUSTOM CANOPIES NCC2017 PC Submittal\Custom Canopy Submittal\Custom Canopies 2016 CBC (1) PC Date: 4/9/2019 Last Saved: 4/9/2019 Last Saved By: Isaac Eddington



1 TYPICAL EXT. COL. - HIP CONNECTION
 SCALE: 3" = 1'-0"

2 HORIZONTAL BRACE CONNECTION
 SCALE: 3" = 1'-0"

