SITE INSTALLATION

1-30'x30' SHADE STRUCTURE PC A#04-117970

2-10'x20' SHADE STRUCTURE

PC A#04-117970

EAST SAN GABRIEL VALLEY SCHOOL 4400 N ROXBURGH AVE., COVINA, CA 91722

> COVINA-VALLEY UNIFIED SCHOOL DISTRICT COVINA, CALIFORNIA



PROJECT TRACKING No. 64436-182

COVINA-VALLEY UNIFIED SCHOOL DISTRIC 519 E. BADILLO STREET

COVINA, CA 91723 CONTACT: DARRIN HOWARD

DIRECTOR MOFT Tel. No.: 626.974.7000 x 800155 Email: dhoward@c-vusd.org

P-LINE CONSULTING ARCHITECT: 20803 E. VALLEY BLVD., SUITE 206 WALNUT, CA 91789

CONTACT: PEDRO NEWBERN / LENY GALLEGO Tel. No.: 909.839.0123

Tel. No.: 714.747.7263 Email: leny@plineconsulting.com

CUSTOM CANOPIES, INC. FABRIC CANOPIES SUPPLIER:

19 VALEROSO STREET RANCHO SANTA MARGARITA, CA 92688 TEL. NO. 562.464.4766 FAX NO. 562.462.4770

GENERAL NOTES

1. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TEST AND INSPECTION

AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION FOR THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE

3. A DSA INSPECTOR WITH CLASS 3 CERTIFICATION IS REQUIRED FOR THIS

. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DIRECTIVE (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT. AS REQUIRED BY SECTION 4-338.

5. ALL TEST AND INSPECTIONS SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND C.B.C, 1705.

6. ALL WORK SHALL CONFORM TO TITLE 24, 2019 CALIFORNIA CODE OF REGULATIONS (CCR).

7. CONSTRUCTION DOCUMENTS ARE DIAGRAMATIC. DO NOT SCALE DIMENSIONS

ALL SALVAGEABLE MATERIALS AND EQUIPMENT TO BE REMOVED SHALI REMAIN THE SOLE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL CONSULT WITH THE OWNER CONCERNING STORAGE DISPOSAL OF SUCH EQUIPMENT. OWNER HAS FULL SALVAGE RIGHTS. ALL REMOVED MATERIALS OTHER THAN THE ITEMS TO BE SALVAGED, OR REUSED SHALL BECOMES CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE.

9. THE CONTRACTOR SHALL THOROUGHLY CLEAN AND SECURE THE AREA OF CONSTRUCTION AFTER EACH DAY OF WORK.

10. SHUT DOWN OF EXISTING ELECTRICAL SYSTEMS OR PORTIONS THEREOF SHALL BE COORDINATED WITH THE OWNER

THE NOR EXPENSIVE OR MORE ELABORATE METHOD DESCRIBED OR SHOWN SHOULD THE APPROVAL, DISTRICT IN ITS SOLE DISCRETION AFTER BID CONTRACTOR.

ALL INFORMATION SHOWN ON THE PLANS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE FROM PLANS SUPPLIED BY THE OWNER, BUT WITHOUT GUARANTEE OF ACCURACY.

WHERE ACTUAL CONDITIONS ARE NOT IN ACCORDANCE WITH THE INFORMATION PRESENTED, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY. NO MODIFICATIONS OF THE PLANS FOR NEW CONSTRUCTION SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT

ALL DEMOLITION SHALL BE CARRIED ON IN SUCH A WAY AS NOT TO DAMAGE EXISTING ELEMENTS, WHICH ARE TO BE IN THE FINISHED STRUCTURE.

ALL ELEMENTS OF THE STRUCTURE, WHICH ARE TO REMAIN, AND WHICH ARE DAMAGED DURING DEMOLITION WORK SHALL BE REPLACED AT NO ADDITIONAL COST. EXISTING ELEMENTS SHALL BE PROTECTED TO THE FULLEST EXTENT POSSIBLE, IN ORDER TO MITIGATE DAMAGE

GOVERNING CODES

ALL WORK PERTAINING TO AND ALL MATERIALS SUPPLIED FOR EXECUTING AND COMPLETING THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS SPECIFIED IN THE CONTRACT DOCUMENTS AND WITH ALL THE APPLICABLE LAWS, REGULATIONS AND ORDINANCES GOVERNING WORK INCLUDING, BUT NOT NECESSARILY LIMITED TO THOSE OF:

2019 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2016

CALIFORNIA AMENDMENTS) 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.

(2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.

(2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)

2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)

2019 GREEN CALIFORNIA BUILDING STANDARDS, CALGREEN CODE, TITLE 24, PART 11 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

NFPA 13	STANDARD FOR THE INSTALLATION	2016 EDITION
NFPA 14	OF SPRINKLER SYSTEMS (CA AMENDED) STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 20	STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND	2016 EDITION
NFPA 72	THEIR APPURTENANCES (CA AMENDED) NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)	2016 EDITION
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)	2015 EDITION
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2010)
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 EDITION
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 (R2010)
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS	2017 EDITION
T∎ FIRI	E PROTECTION DURING CONST	TRI ICTION

FIRE SAFETY SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING

FLOOD HAZARD ZONE DESIGNATION

PROJECT IS LOCATED WITHIN FEMA FLOOD ZONE: X (0.2% ANNUAL CHANCE FLOOD)

SYMBOLS

REFERENCE KEY NOTES

COLUMN LINE CLOUD AROUND REVISION SHADED PORTION IS THE SIDE

WORK POINT, CONTROL POINT, OR DATUM POINT SPOT ELEVATION NEW

SPOT ELEVATION EXISTING **ELEVATION IDENTIFICATION**

SHEET WHERE ELEVATION IS DRAWN **BUILDING SECTION** SECTION IDENTIFICATION SHEET WHERE SECTION IS DRAWN

DETAIL SECTION REFERENCE DETAIL IDENTIFICATION — SHEET WHERE DETAIL IS DRAWN **ELEVATION OF WALL OR FRAME** SHEET WHERE DETAIL IS DRAWN

DETAIL IDENTIFICATION SHEET WHERE DETAIL IS DRAWN

EARTH LAYER SURFACE - STEPPED

☐ ABBREVIATIONS

GALVANIZED G.B. GRAB BAR CENTERLINE DIAMETER OR ROUND ACS **ACCESSIBLE** POUND OR NUMBER ABOVE HGT./HT. HEIGHT **ACCESSIBLE MANUFACTURER** MH. AREA DRAIN MANHOLE **ADJUSTIBLE** MINIMUM ABOVE FINISH FLOOR MISC. MISCELLANEOUS AGGR. AGGREGATE ASPH. ASPHALT NOT IN CONTRACT BOARD NO. or # NUMBER BLDG. BUILDING NOMINAL BOT. BOTTOM N.T.S. NOT TO SCALE CATCH BASIN **OVERALLL** CEMENT ON CENTER **CONTROL JOINT OUTSIDE DIAMETER** CLKG. CAULKING OUTSIDE DIAMETER CLEAR C.L. FENCE CHAIN LINK FENCE REFERENCE / REFER TO COLUMN COL.

REQ.

REINFORCED (ING)

ROUGH OPENING

REQUIRED

REDWOOD

SOUTH

SIMILAR

SQUARE

STANDARD

SYMMETRICAL

TOP OF CURB

TOP OF PAVEMENT

UNLESS OTHERWISE NOTED

THICK

TYPICAL

WEST

CYPRESS AVE.

PUENTE AVE.

ROWLAND AVE

10 FWY

☐ VICINITY MAP

WITHOUT

WATERPROOF

WATER RESISTANT

SPECIFICATION

CONST. CONSTRUCTION R.O. CONT. CONTINUOUS CTR. CENTER DETAIL SECTION SHEET SECT. SHT. DRINKING FOUNTAIN DIAMETER SIM. DIMENSION

CONCRETE

EQUAL

EQUIPMENT

EXPANSION

FLOOR DRAIN

FOUNDATION

FOOT OR FEET

FINISH (ED)

FLOOR

FOOTING **FURRING**

FINISH FLR., FINISH FACE

FACE OF CONCRETE

EXTERIOR

EXISTING

CONNECTION

CONN.

FDN.

SPEC. DOWN DRAWING STD. **EXISTING** STR./STRUCTL. STRUCTURAL EACH SYM. **EXPANSION JOINT** ELEVATION

ELECTRICAL PANELBOARD THK.

2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. CALIFORNIA ENERGY CODE, PART 6, E.P. TITLE 24 C.C.R. EQPT. EXIST.(E)

EXPAN.

PARTIAL LIST OF APPLICABLE STANDARDS

A 13	STANDARD FOR THE INSTALLATION	2016 EDITION	F. Fl
	OF SPRINKLER SYSTEMS (CA AMENDED)		FL
A 14	STANDARD FOR THE INSTALLATION OF	2016 EDITION	F.
	STANDPIPE AND HOSE SYSTEMS (CA AMENDED)		
A 17	STANDARD FOR DRY	2017 EDITION	F
	CHEMICAL EXTINGUISHING SYSTEMS		F
A 17A	STANDARD FOR WET	2017 EDITION	Fl
	CHEMICAL EXTINGUISHING SYSTEMS		
A 20	STANDARD FOR THE INSTALLATION OF	2016 EDITION	
	STATIONARY PUMPS FOR FIRE PROTECTION		
A 22	STANDARD FOR WATER TANKS	2013 EDITION	
	FOR PRIVATE FIRE PROTECTION		
A 24	STANDARD FOR THE INSTALLATION		
	OF PRIVATE FIRE SERVICE MAINS AND	2016 EDITION	
	THEIR APPURTENANCES (CA AMENDED)		
A 72	NATIONAL FIRE ALARM AND	2016 EDITION	
	SIGNALING CODE (CA AMENDED)		
A 80	STANDARD FOR FIRE DOORS	2016 EDITION	
	AND OTHER OPENING PROTECTIVES		
A 2001	STANDARD ON CLEAN AGENT FIRE	2015 EDITION	
	EXTINGUISHING SYSTEMS (CA AMENDED)		
800	STANDARD FOR FIRE TESTING OF FIRE		
	EXTINGUISHING SYSTEMS FOR PROTECTION	2005 (R2010)	
	OF COMMERCIAL COOKING EQUIPMENT		
64	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM	2003 EDITION	
	AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES		
521	STANDARD FOR HEAT DETECTORS	1999 EDITION	
	FOR FIRE PROTECTIVE SIGNALING SYSTEMS		
971	STANDARD FOR SIGNALING DEVICES	2002 (R2010)	
	FOR THE HEARING IMPAIRED		
300	STANDARD FOR BLEACHERS, FOLDING AND	2017 EDITION	
	TELESCOPIC SEATING, AND GRANDSTANDS		

__ FIRE PROTECTION DURING CONSTRUCTION

CONSTRUCTION, ALTERATION OR DEMOLITION PER CFC 2019, CHAPTER 33

(SOURCE: L.A. COUNTY PUBLIC WORKS FLOOD ZONE DETERMINATION WEBSITE)

SHEET INDEX

G COVER SHEET, BLDG. DATA, SHEET INDEX, VICINITY MAP A1 SITE PLAN

A1.1 SITE PLAN, ENLARGED SITE PLAN, NOTES

A2 TYPICAL DETAILS

REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹

■ f: 909.839.0123

e: leny@plineconsulting.com

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITE

APP: 03-121212 INC:

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

THESE DRAWINGS LISTED BELOW HAS BEEN PREPARED BY OTHER 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 O

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND EDUCATIONAL CODE AND \$ECTION 4-336, 4-341 AND 4-344" OF TITLE 24, PART 1. ATITLE 24, PART 1, SECTION 4-217.

SHEET INDEX (CONTINUED)

			,	
_	DWG. NO.		FABRIC CANOPY DRAWINGS: PC A#04-117970	
_	5	1	COVER SHEET & NOTES	_
	6	2	CANOPY PLANS & TABLES	
	7	3	TYPICAL CANOPY BRACING DETAILS	
-	8	4	TYPICAL CANOPY DETAIL & T& I GUIDELINE	
_	_			

PROJECT SCOPE OF WORK

PROJECT SCHOOL

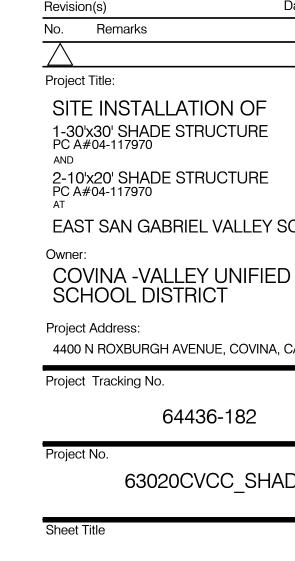
4400 N ROXBURGH AVENUE, COVINA, CA 91722

BADILLO ST

SAN BERNARDINO RD.

SITE INSTALLATION OF 1-30'x30' CANVAS COVER, FOUR POST SHADE STRUCTURE MODEL: DSA PC A#04-117970 AND 2-10'x20' CANVAS COVER, FOUR POST SHADE STRUCTURE MODEL: PC A#04-117970, UPGRADING ONE COMMON RESTROOM FOR ADA COMPLAINT AND UPGRADING PATH OF TRAVEL AT MAIN ENTRANCE OF THE BUILDING

> 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 NECESSARII Y 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.



COVER SHEET

Designed:

Filename: cvccSHADE Sheet No.

SITE INSTALLATION OF 1-30'x30' SHADE STRUCTURE PC A#04-117970

2-10'x20' SHADE STRUCTURE

EAST SAN GABRIEL VALLEY SCHOOL

SCHOOL DISTRICT

4400 N ROXBURGH AVENUE, COVINA, CA 91722

64436-182

63020CVCC_SHADE

Drawn: LEOLIWAG Checked: Plot Date: 2020-1112

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-121212 INC:

REVIEWED FOR

SS FLS ACS D

DATE: 01/11/2021



20803 e. valley blvd., ste. 206 walnut, ca 91789 ■ c: 714.747.7263 ■ f: 909.839.0123

■ e: leny@plineconsulting.com
Leny F. Gallego
Principal

SED ARCHIVED C-22914 **

EXP. 3/31/21 RENEWAL DATE

OF CALLED

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.

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.

0.4400.400

64436-182

No

63020CVCC_SHADE

Revision(s)

No. Remarks

FIRE TRUCK LANE

Filename: cvccSHADE Sheet No.

Designed:
Drawing No.

Drawn: LEOLIWAG

Checked:
Plot Date: 2020-1112

ADSA

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 Struttures at East San Gabriel Valley School

Project Address: 4400 N Roxburgh Avenue, Covina, CA 91722

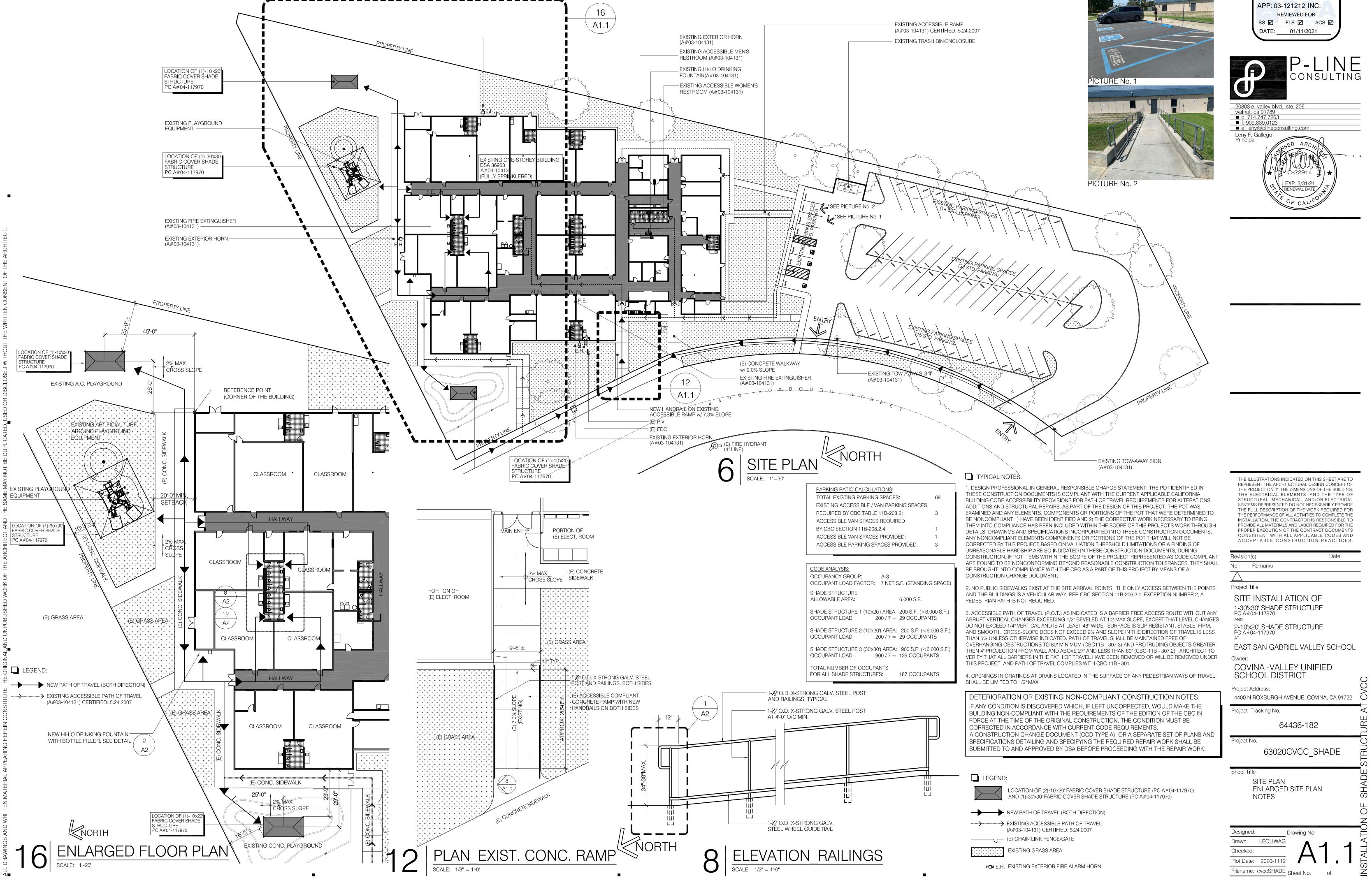
FIRE & LIFE SAFETY INFORMATION

1.	Has a fire hydrant flow test been performed within the past 12 months?	Yes □		No ⊠
	(If yes, provide a copy of the test data.)			
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes □		No ⊠
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes □		No ⊠
	Refer to the following website for FHSZ locations: http://eqis.fire.ca.gov/FHSZ/	Moderate □	High □	Very High □
	Wildland Interface Area (WIFA) (If any designations are checked, project requirements of CBC Chapter 7A.)	design must m	eet the	WIFA 🗆

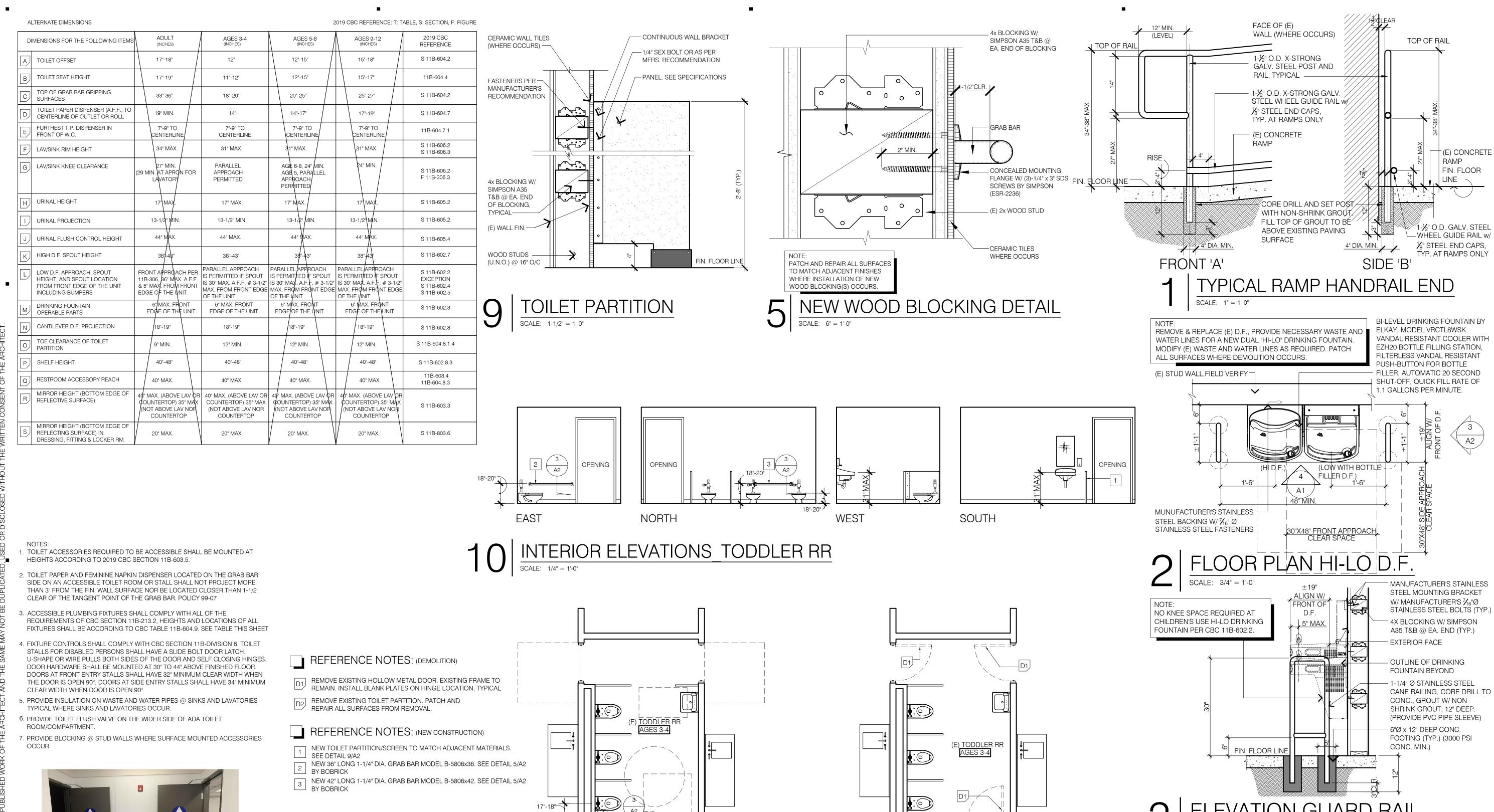
DGS DSA 810 (revised 01/30/20)
Page 1 of 4
DIVISION OF THE STATE ARCHITECT
DEPARTMENT OF GENERAL SERVICES
STATE OF CALIFORNIA

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SCALE: 1"=30'

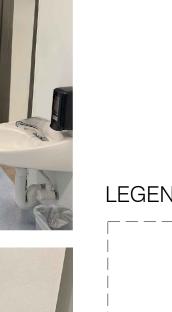


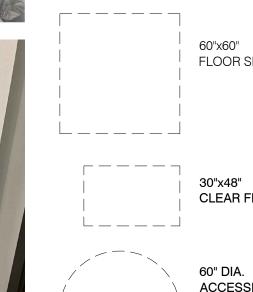
IDENTIFICATION STAME DIV. OF THE STATE ARCHITEC

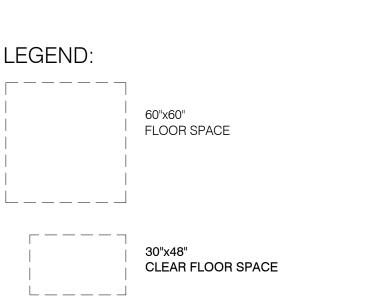


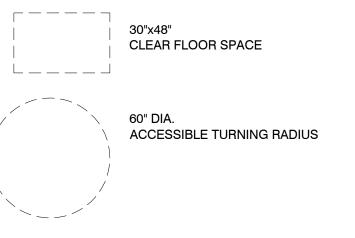


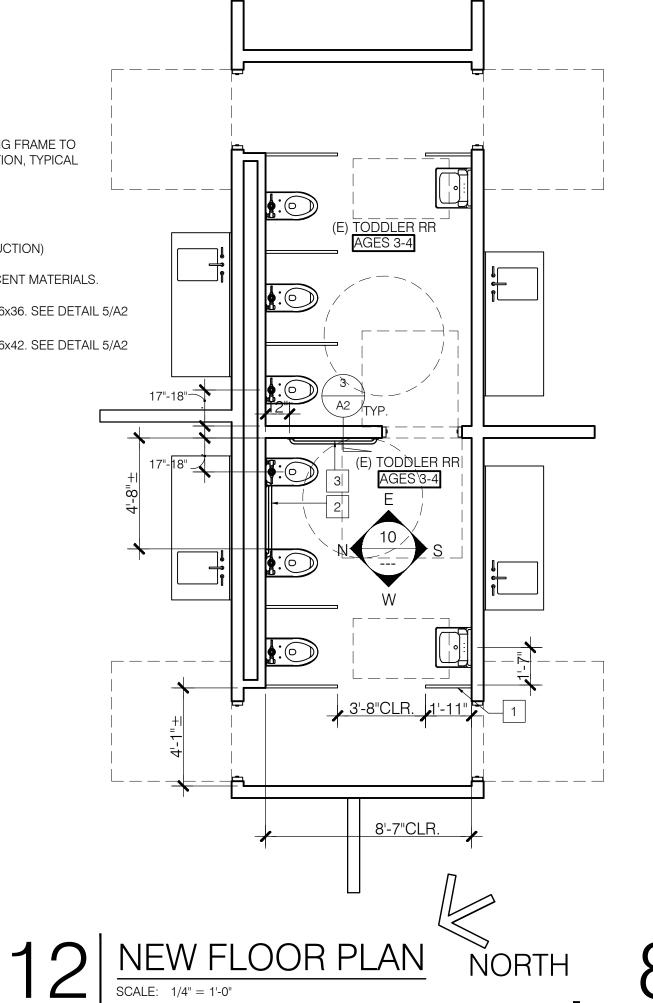


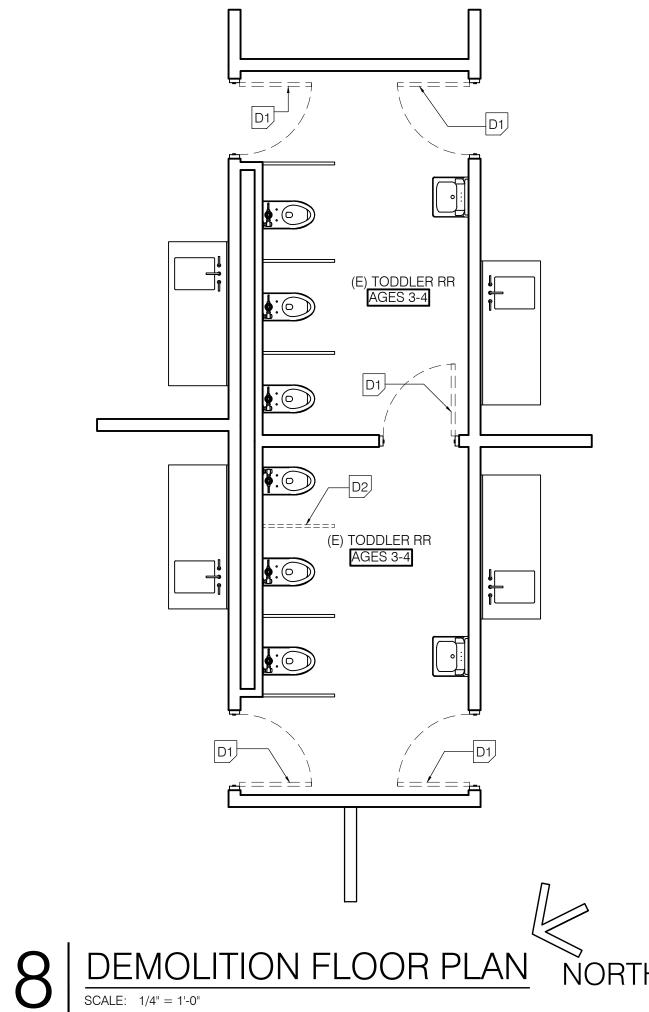


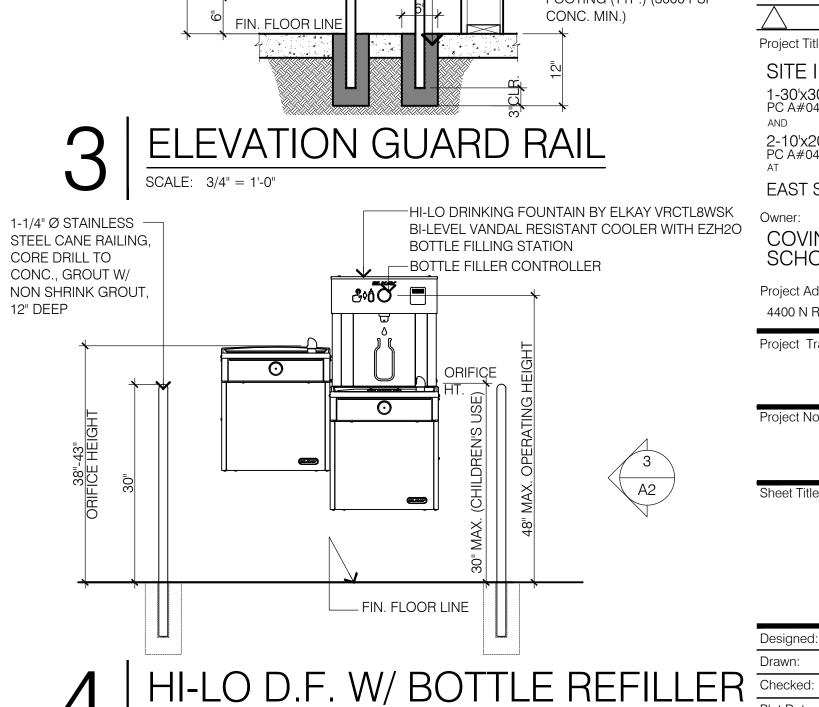












IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 03-121212 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹



■ f: 909.839.0123 ■ e: leny@plineconsulting.co

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 ELECTRICA 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.

evision(s) Remarks Project Title:

SITE INSTALLATION OF 1-30'x30' SHADE STRUCTURE PC A#04-117970

2-10'x20' SHADE STRUCTURE PC A#04-117970

EAST SAN GABRIEL VALLEY SCHOOL

COVINA -VALLEY UNIFIED SCHOOL DISTRICT

Project Address:

4400 N ROXBURGH AVENUE, COVINA, CA 91722

Project Tracking No.

64436-182

Project No. 63020CVCC_SHADE

TYPICAL DETAILS

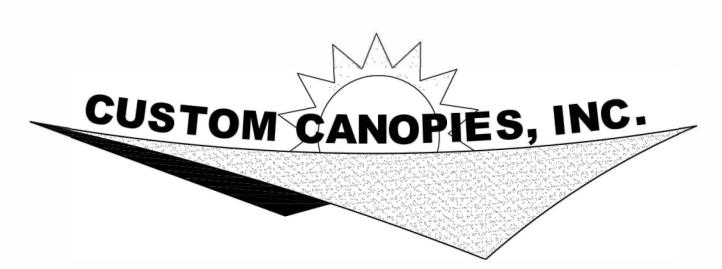
Drawn: LEOLIWAG

Filename: cvccSHADE

Most anywhere in

California

CANOPY DESIGN AND INSTALLATION PROVIDED BY



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

APPLICABLE CODES AND STANDARDS

2016 CALIFORNIA FIRE CODE, TITLE 24, PART 9, CCR

 2016 CALIFORNIA ADMINISTRATION CODE, TITLE 24, PART 1, CCR 2016 CALIFORNIA BUILDING CODE, TITLE 24, PART 2, CCR

ABBREVIATIONS & SYMBOLS

DIMENSION EA. EACH **EXTERIOR** FOOT OR FEET **INSPECTIONS** INT. INTERIOR KIPS PER SQUARE INCH MOMENT OF INERTIA POUND MINIMUM NOT APPLICABLE NUMBER OZ. OUNCES PLATE POUND PER SQUARE FOOT SECTION MODULOUS SHEET SIM. SIMILAR SQ. SQUARE STANDARD STRUC. STRUCTURAL SYM. SYMMETRICAL **THICKNESS** TYP. TYPICAL UNLESS OTHERWISE NOTED

EXTRA STRONG

GREATER THAN

DIAMETER

LESS THAN

NUMBER

CALIFORNIA DEPARTMENT OF FORESTRY and FIRE PROTECTION

OFFICE OF THE STATE FIRE MARSHAL

REGISTERED FLAME RESISTANT PRODUCT

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.

FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the

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

Registration No.

F-94501

Expire: 6/30/2021

Product:

EXTRA BLOCK SHADECLOTH

CAPE TOWN, S. AFRICA

MOORSOM AVENUE, EPPING, INDUSTRY II

Product Marketed By:

ALNET PTY (LTD)

California State Fire Marshal.

GENERAL NOTES

1.A. CONCRETE: fc = 4,500psi @ 28 DAYS (SPECIAL INSPECTION REQUIRED). CONCRETE SHALL BE MADE WITH TYPE V CEMENT WITH A WATER TO CEMENT RATIO NOT LESS THAN 0.45. SITE-SPECIFIC GEOTECHNICAL REPORT MUST BE PROVIDED IF A LOWER f'c IS DESIRED. 1.B. REINFORCING STEEL: ASTM A615, GRADE 40 MIN. (GRADE 60 IS ALLOWED)

1.C. PLATE STEEL: ASTM A36, F_v = 36ksi

PIPE COLUMNS: ASTM A53 GRADE B, TYPE E OR S, F, = 35ksi

STRUCTURAL TUBES: ASTM A500 GRADE B, $F_v = 42ksi$ OR ASTM A513 (NORMALIZED WITH A MIN. ELONGATION IN 2" OF 20%), F_v = 50ksi MIN. CORROSION PROTECTION SHALL BE TRIPLE COATED IN LINE ZINC ELECTROPLATING

MACHINED BOLTS: ASTM A-307 OR SAE GRADE 2 MIN. (LOCK WASHERS REQUIRED). BOLTS OF

GREATER STRENGTH MAY BE USED SUCH AS ASTM F593C/304 OR F593D/304 CABLE STEEL: ASTM A1023, 7x19 CLASS IWRC, (TYPICALLY REFERRED TO AS AIRCRAFT CABLE) CABLE SHALL BE GALVANIZED (CLASS A ZINC COATING) OR STAINLESS STEEL. NOMINAL CABLE STRENGTH FOR $\frac{1}{4}$ "Ø $F_u = 6.4k$, $\frac{5}{16}$ "Ø $F_u = 9k$, $\frac{3}{8}$ "Ø SS $F_u = 12k$, $\frac{3}{8}$ "Ø Galv. $F_u = 14.4k$. DESIGN STRENGTH FOR $\frac{1}{4}$ "Ø = 2.18k, FOR $\frac{5}{16}$ "Ø = 3.07k, FOR $\frac{3}{8}$ "Ø SS = 4.09k, FOR $\frac{3}{8}$ "Ø Galv = 4.91k. MIN. PRETENSION FORCE ON $\frac{1}{4}$ "Ø = 0.10k, ON $\frac{5}{16}$ "Ø = 0.15k, ON $\frac{3}{8}$ "Ø = 0.20k, MAX. PRETENSION FORCE ON $\frac{1}{4}$ "Ø = 0.15k, ON $\frac{5}{16}$ "Ø = 0.23k, ON $\frac{3}{8}$ "Ø = 0.30k

WELDING ELECTRODES SHALL BE "GMAW / SEMI-AUTOMATIC, GRADE ER70S-6 PER AWS A-5.18" GROUT: COMMERCIAL GRADE QUICKRETE, NON-SHRINK PRECISION GROUT, NO. 1585-00 fc =

3.000psi @ 1 DAY. 10.000psi @ 28 DAYS

1.J. EXPOSED STEEL FASTENERS: ALL EXPOSED STEEL FASTENERS, INCLUDING CAST-IN-PLACE ANCHOR BOLTS/RODS, SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT-DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329), OR PROTECTED WITH CORROSION-PREVENTATIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RED RUST IN MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117, ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT. (EXAMPLE PROPRIETARY COATINGS THAT DO COMPLY WITH THE 1,000 HOUR REQUIREMENT INCLUDE BUT ARE NOT NECESSARILY LIMITED TO: QUICK GUARD BY SIMPSON, KWIK-COTE BY HILTI, STALGARD BY ELCO, VISTACORR BY SFS INTEC, ETC.)

WELDING 2.A. WORKMANSHIP AND TECHNIQUE OF WELDING ARE TO CONFORM TO THE 2016 C.B.C. SECTION 2204A.1. ALL WELDS SHALL BE INSPECTED IN ACCORDANCE WITH THE APPLICABLE

REQUIREMENTS OF THE 2016 C.B.C. CHAPTER 17A, SECTION 1705A.2.5 3.A. CABLE CLIPS SHALL BE FORGED STEEL PER FEDERAL SPECIFICATION FF-C-40 TYPE 1, CLASS 2 INSTALLED WITH THE U-BOLT ON THE CABLE DEAD END (SEE SPECIFICATION SHEET ON FINAL

SHEET OF THIS SUBMITTAL) 3.B. BOLT TORQUE FOR $\frac{1}{2}$ " © CABLE CLIPS = 15 lb-ft, FOR $\frac{5}{6}$ " © CABLE CLIPS = 30 lb-ft

4. BOLT HOLES 4.A. BOLT HOLE DIAMETERS SHALL BE $\frac{1}{16}$ " LARGER THAN THE BOLT DIAMETER

4.B. ALL BOLTS SHALL BE INSTALLED WITH LOCK WASHERS 5. CORROSION PROTECTION

5.A. STEEL TUBE ROOF MEMBERS SHALL BE TRIPLE COATED USING IN-LINE ZINC ELECTROPLATING PER ASTM E-6 AND THEN POWDER COATED WITH A TGIC POLYESTER TOP COAT.

5.B. STEEL PIPE COLUMNS SHALL BE POWDER COATED WITH A TGIC POLYESTER PRIMER AND TOP

5.C. ZINC SPELTER CONFORMS TO ASTM B-6 HIGH GRADE ZINC FABRIC MATERIAL

6.A. FABRIC MATERIAL SHALL BE COMTEX, EXTRA BLOCK, OR SYNTHESIS SA FR FABRIC 6.B. THE FABRIC SHALL BE MANUFACTURED FROM HIGH DENSITY POLYETHYLENE POLYMER

6.C. MIN. WEIGHT = 8.3 oz/yd^2

6.D. MIN. BREAKING STRENGTH PER ASTM D 5034: WARP = 165 lbs, WEFT = 260 lbs

6.E. MAX. ELONGATION: WARP = 115%, WEFT = 76%

6.F. MIN. TEAR STRENGTH PER ASTM D 2261: WARP = 26 lbs, WEFT = 26 lbs

6.G. FIRE RETARDANT RATING PER CSFM - TITLE 19, (REGISTRATION #: ALNET EXTRA BLOCK SHADECLOTH - F94501).

THE FABRIC SHALL BE CAPABLE OF MAINTAINING 80% OF ITS TENSILE AND TEARING STRENGTH AFTER EXPOSURE TO A 313 nm LIGHT SOURCE APPLIED FOR 500 HOURS AND WHILE MOISTENED FOR 1 HOUR EVERY 12 HOURS PER ASTM G53. THE FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE. SAMPLES OF THE SAME MATERIAL SHALL BE MAINTAINED AT THE PROJECT SITE AND TESTED TO SHOW COMPLIANCE WITH ASTM D 5034

6.I. THE FABRIC SHALL MAINTAIN AT LEAST 50% OF ITS ORIGINAL BREAKING STRENGTH AFTER 5 YEARS OF EXPOSURE TO SUNLIGHT 7. STANDARD NOTES

7.A. ALL WORK SHALL CONFORM TO 2016 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS

7.B. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338. PART 1. TITLE 24, CCR

7.C. 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 4-342, PART 1, TITLE 24, CCR

7.D. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER)

SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT 7.E. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(c), PART 1, TITLE 24, CCR)

GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES COVER SHEET & NOTES CANOPY PLANS & TABLES TYPICAL CANOPY BRACING DETAILS 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:

THE RISK CATEGORY IS "II" OR LESS

SCHEDULE OF DRAWINGS

DRAWING TITLE

THE WIND EXPOSURE CATEGORY IS "C" OR LESS

THE PROJECT SITE BASIC ULTIMATE WIND SPEED IS ≤ 110 mph THE PROJECT SITE SEISMIC CATEGORY IS "D" OR LESS

THE PROJECT SITE SEISMIC DESIGN CATEGORY IS "E" OR LESS THE PROJECT SITE IS NOT IN A FLOOD ZONE

THE PROJECT SITE IS NOT IN AN AREA REQUIRING SNOW LOADING

THE PROJECT SITE IS NOT IN AN AREA CLASSIFIED AS A WILD LAND URBAN INTERFACE FIRE AREA (A FIRE HAZARD SEVERITY ZONE)

NONE OF THE MAXIMUM DESIGN CRITERIA ARE EXCEEDED

ALLOWABLE SOIL COMPRESSIVE STRENGTH IS 1,500 psi OR GREATER

IF THE CANOPY SIZE IS < 1,600 $m ft^2$ IN AREA. (NO GEOTECHNICAL REPORT REQUIRED)

IF THE CANOPY SIZE IS > 1,600 ft2 AND < 4,000 ft2 AND THERE IS A GEOTECHNICAL REPORT PROVING THAT NO POTENTIAL FOR LIQUEFACTION EXISTS. A SITE-SPECIFIC GEOTECHNICAL REPORT IS REQUIRED FOR CANOPY SIZES GREATER THAN 4,000 ft²

THE CANOPY SIZE PROVIDES THE MINIMUM REQUIRED AREA FOR THE SELECTED ASSEMBLY USE AND DESIRED OCCUPANCY LOAD (SEE ASSEMBLY USE SELECTION CHECKLIST)

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 A-2

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

INTENDED OCCUPANCY LOAD:

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.

20' x 10' 30' x 30' □ 30' x 20' □ 20' x 15' □ 30' x 25' □ 40' x 30' □ 20' x 20' □ 36' x 18' □ __' x __' (FOR INTERMEDIATE SIZE) _ 'x __' (FOR INTERMEDIATE SIZE) □ 25' x 25' □ 40' x 20'

NOTES: 1. A SITE-SPECIFIC GEOTECHNICAL REPORT IS REQUIRED FOR CANOPY SIZES OVER 4,000 SQ. FT. 2. PLAN DIMENSIONS ARE REPEATABLE IN ANY ONE DIRECTION TO A TOTAL AREA OF 6,000 SQ. FT.

HEIGHT OPTIONS ARE FROM 9FT TO 12FT. 4. INTERMEDIATE SIZES MAY USE THE MEMBER SIZES OF THE NEXT LARGEST CANOPY WITH AN IDENTICAL WIDTH TO LENGTH RATIO.

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 S.F., STRUCTURE 3: 900 S.F. ALLOWABLE AREA = 6,000 ft

MAXIMUM DESIGN CRITERIA

1.A. CANOPY LIVE LOAD = 5 psf (NON-REDUCIBLE) 1.B. CANVAS DEAD LOAD = 0,069 psf 1.C. SNOW LOAD = 0 psf 1.D. ICE LOAD = 0 psf2. ALLOWABLE SOIL PRESSURE 2.A. DEAD + LIVE: 1,500 psf 2.B. LATERAL: 100 psf/ft (CLASS 5) x 2ft (isolated footing) = 200 psf (PER CBC 1806A.3.4) 3. LATERAL LOADS 3.A. WIND (ASCE/SEI 7-10 DIRECTIONAL PROCEDURE) ULTIMATE DESIGN WIND SPEED: V_{ULT} = 110 mph NOMINAL DESIGN WIND SPEED: $V_{ASD} = 85 \text{ mph}$ EXPOSURE CATEGORY = "C" RISK CATEGORY = II CLASSIFICATION: OPEN STRUCTURE, $K_{zt} = 1.0$

VELOCITY PRESSURE: q_h = 13.4 psf (ASD) DESIGN PRESSURES - SEE STRUCTURAL CALCULATIONS 3.B. EARTHQUAKE (EQUIVALENT LATERAL FORCE PROCEDURE) MAPPED SPECTRAL RESPONSE ACCELERATIONS, $S_S = 2.500$, $S_1 = 0.750$ SPECTRAL RESPONSE COEFFICIENTS, S_{DS} = 1.667, S_{D1} = 0.750 RISK CATEGORY = II SEISMIC DESIGN CATEGORY (CRC), SDC = "E" SEISMIC DESIGN CATEGORY (CBC), SDC = "E"

ORDINARY STEEL CANTILEVERED COLUMN SYSTEM REDUNDANCY FACTOR: $\rho = 1.0$ IMPORTANCE FACTOR: $I_e = 1.25$ OVERSTRENGTH FACTOR: Ω_0 = 1.25 RESPONSE MODIFICATION FACTOR, R = 1.25 SEISMIC RESPONSE COEFFICIENT, C_S = 1.333 SEISMIC BASE SHEAR: V = 0.933W

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

PC IDENTIFICATION STAMP



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

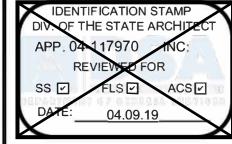


1ANUFACTURER

CUSTOM CANOPIES. Rancho Santa Margarita, CA 92688

62) 464-4766 Fax: (562) 464-4770

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



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1	FILE	NAME:	JOB#

Custom Canopies 2016 CBC (1) DRAWN BY: DRAWING # SAAC EDDINGTON

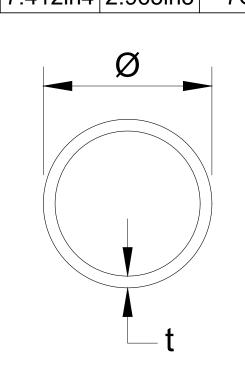
4/9/19

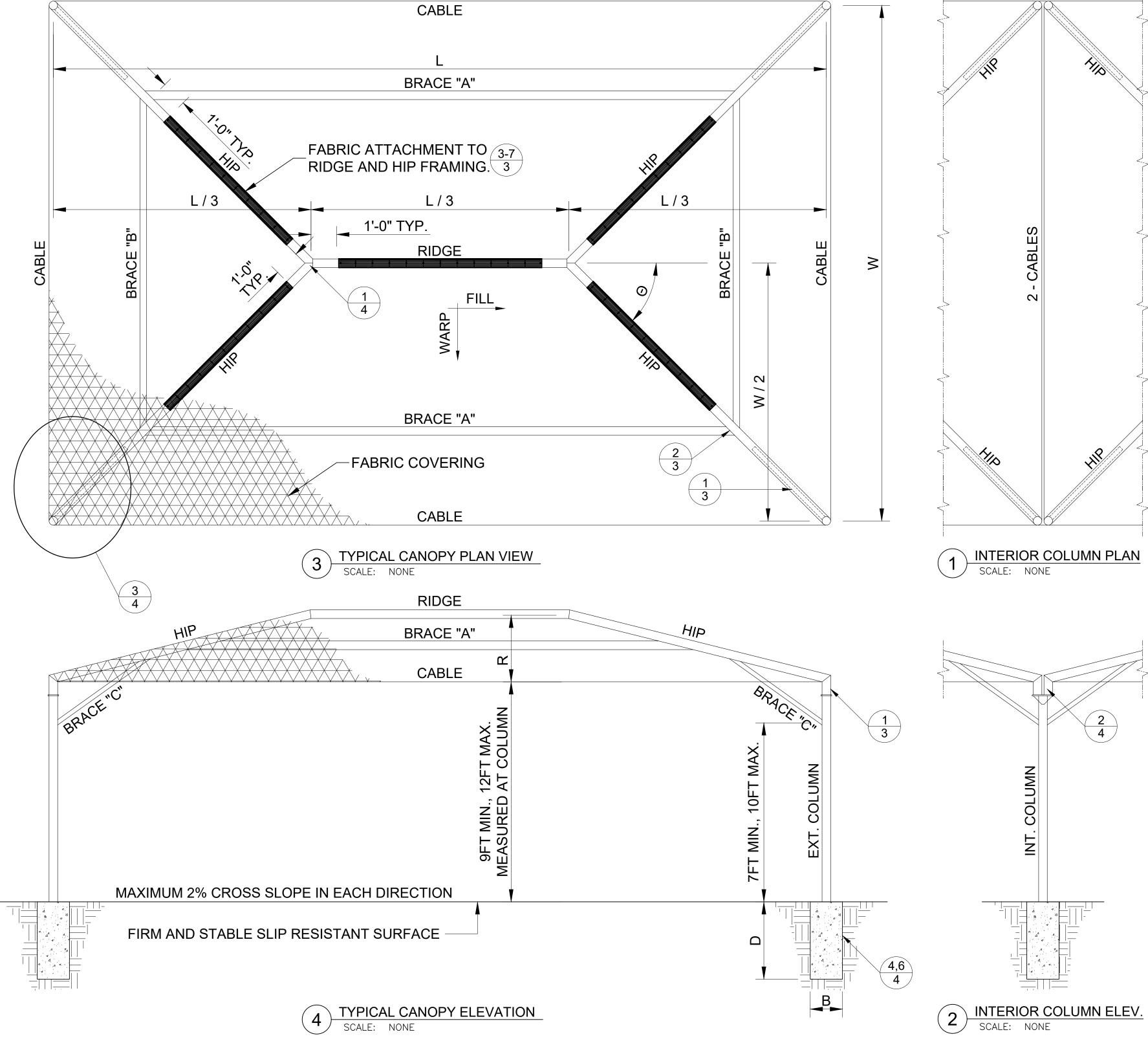
SEE STRUCTURAL CALCULATIONS FOR ANY ADDITIONAL DESIGN PARAMETERS

	Canopy Base Shear Reactions													
	Size	Max Base Shear (lbs)	Risa Load Case	Load Combination										
	20x15	210	11	DL + .7EQx1.25										
	20x20	262	11	DL + .7EQx1.25										
	30x20	350	11	DL + .7EQx1.25										
	30x25	499	9	.6DL + WB										
	30x30	650	11	DL + .7EQx1.25										
	40x20	551	9	.6DL + WB										
	40x30	751	9	.6DL + WB										
'	NOTF: B	ASE SHEAR REACT	IONS ARE DOI	JBI FD										

NOTE: BASE SHEAR REACTIONS ARE DOUBLED AT INTERIOR COLUMN LOCATIONS

STRUCTURAL TUBING PROPERTIES											
SIZE	Ø	t des.	А	I	S	GAGE REFERENCE					
$1\frac{3}{4}$ "Øx.109	1.75"	.101"	.523in2	.179in4	.204in3	12GA					
2"Øx.095	2"	.088"	.529in2	.242in4	.242in3	13GA					
2½"Øx.120	2.25"	.112"	.752in2	.431in4	.383in3	11GA					
$2\frac{7}{8}$ "Øx.109	2.875"	.101"	.880in2	.848in4	.590in3	12GA					
$2\frac{7}{8}$ "Øx.120	2.875"	.112"	.972in2	.929in4	.646in3	11GA					
3"Øx.120	3"	.112"	1.016in2	1.061in4	.707in3	11GA					
3½"Øx.120	3.5"	.112"	1.192in2	1.712in4	.978in3	11GA					
4"Øx.120	4"	.112"	1.368in2	2.587in4	1.294in3	11GA					
$4\frac{1}{2}$ "Øx.120	4.5"	.112"	1.544in2	3.718in4	1.653in3	11GA					
$4\frac{1}{2}$ "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					





												CANO	DPY OPTIC	NS						
/	L	W	R	Θ	Ext. Col.	D "n"	D "c"	В	Int. Col.	D "n"	D "c"	В	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	½"Ø	½"Ø	³ / ₈ "Ø	½"Ø
_ -	20'	15'	2.13'		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	½"Ø	½"Ø	3/8"Ø	½"Ø
	20'	<u>20'</u>	2.55'	56.3°	3" Std.	4.1'	2.8'	1.5'	3" Std.	5.4'	3.6'	1.5'	3½"Øx.120	3½"Øx.120	2 ⁷ / ₈ "Øx.109	2 ⁷ / ₈ "Øx.109	1/4"Ø	1/2 "Ø	³ / ₈ "Ø	½"Ø
	25'	25'	3.19'	56.3°	4" Std.	4.3'	2.9'	2'	4" Std.	5.6'	3.7'	2'	4½"Øx.120	4½"Øx.120	4½"Øx.120	3½"Øx.120	5/_ "Ø	3/ "Ø	(2) ³ / ₈ "Ø	5/s " Ø
	30'	20'	3.01'	45.0°	3½" Std.	4.2'	2.9'	2'	3½" Std.	5.6'	3.7'	2'	4"Øx.120	4"Øx.120	4"Øx.120	2 ⁷ / ₈ "Øx.120	5/_ "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'	4½"Øx.120	4½"Øx.120	4½"Øx.120	3½"Øx.120	3/s"Ø	3/4"Ø	(2) ³ / ₆ "Ø	5/8"Ø
	36'	18'	3.19'	36.9°	4" Std.	4.4'	3.1'	2'	4" Std.	5.8'	3.9'	2'	4½"Øx.120	4½"Øx.120	4½"Øx.120	2 ⁷ / ₈ "Øx.120	5/_ "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'	4½"Øx.180	4½"Øx.120	4½"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	$4\frac{1}{2}$ "Øx.120	3½"Øx.120	3% " 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/ "Ø	(2) ³ / ₈ "Ø	3/"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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 03-121212 INC:
REVIEWED FOR
SS FLS ACS DATE:

01/11/2021

EDDING ENGINEERING

6001 Helva Lane
Carmichael, CA 95608
Phone: (916)359-5300



MANUFACTURER:

CUSTOM CANOPIES, INC.

19 Valeroso Rancho Santa Margarita, CA 92688 (562) 464-4766 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:

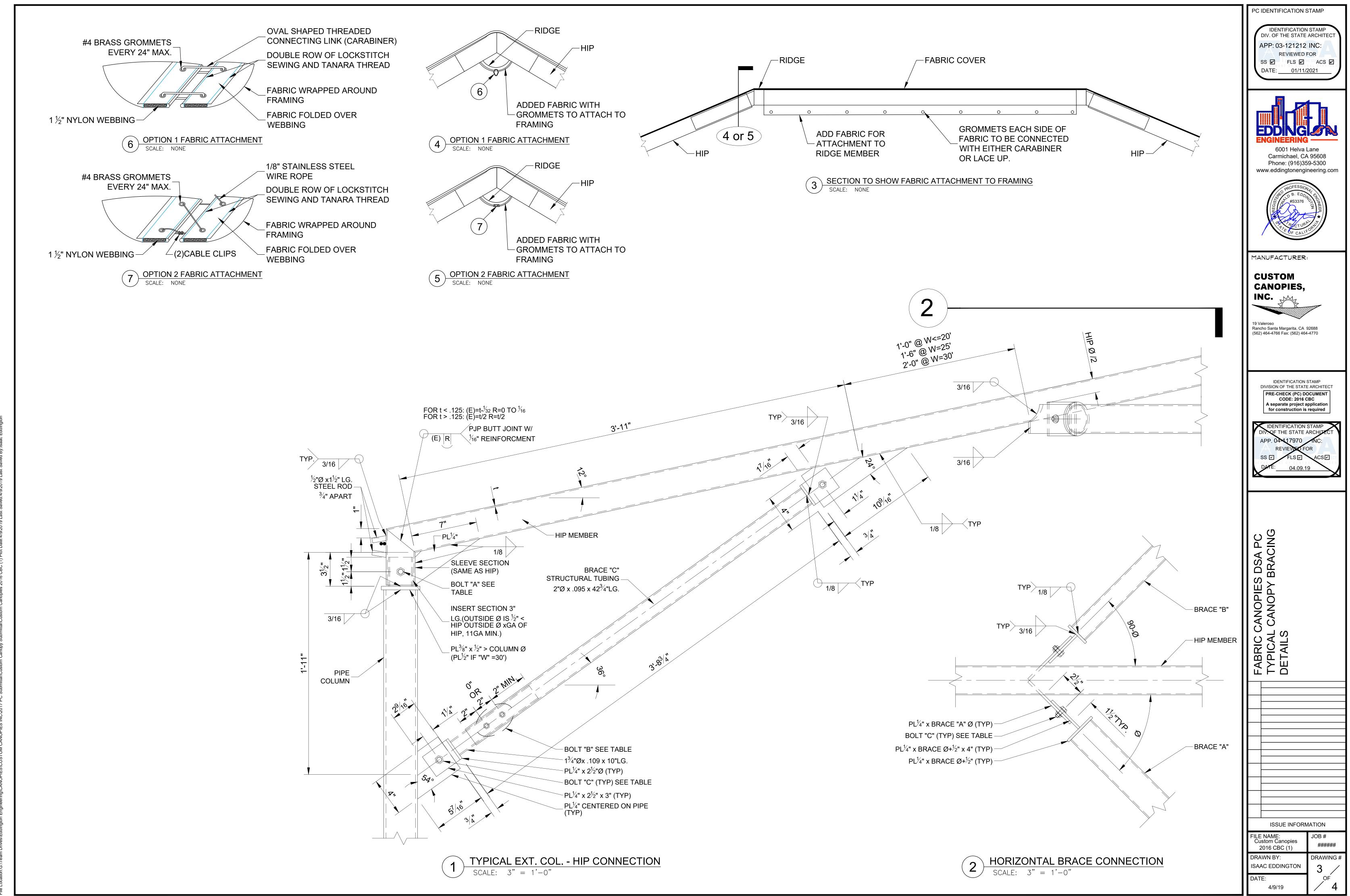
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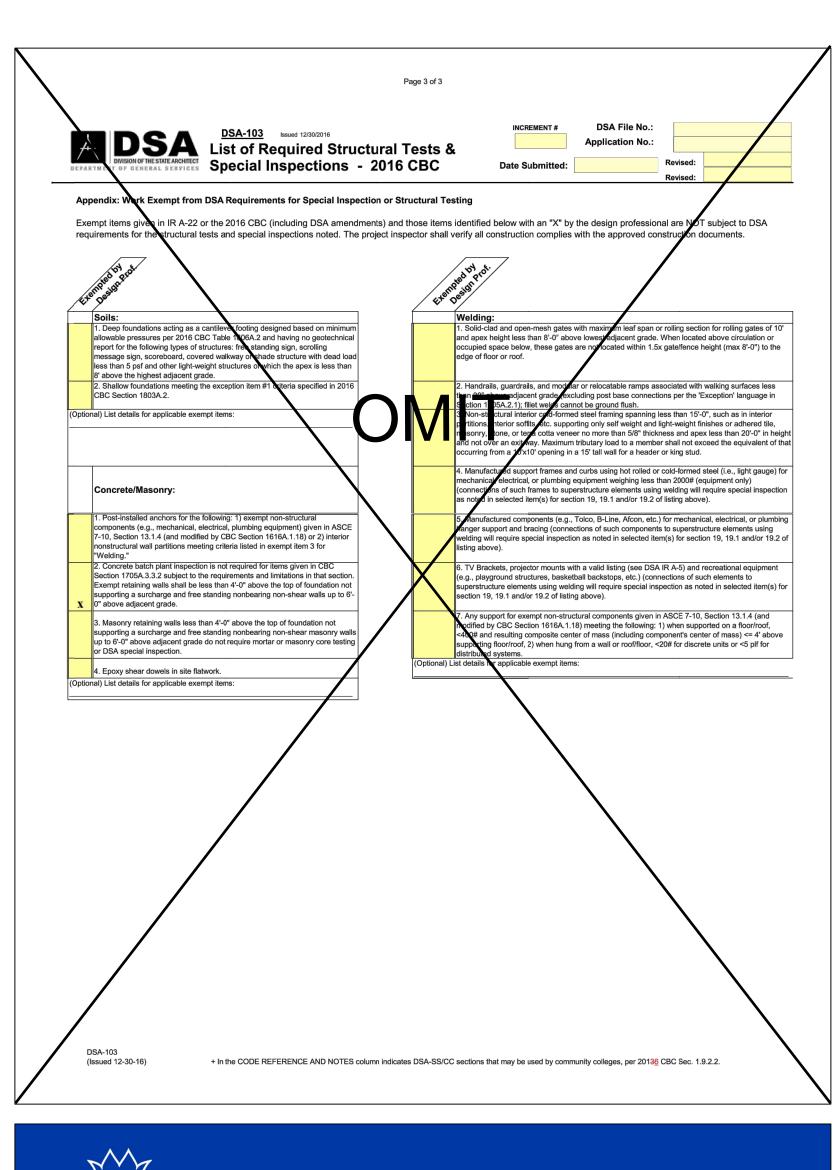
SS FLS ACS
DATE: 04.09.19

FABRIC CANOPIES DSA PC SANOPY PLANS & TABLES

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ISSUE INFOR	RMATION
LE NAME: Custom Canopies	JOB#
Custom Canopies	######
2016 CBC (1)	***************************************
RAWN BY:	DRAWING #
SAAC EDDINGTON	1 2 /
] 2 /
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Team Drives\Eddington Engineering\CANOPIES\CUSTOM CANOPIES INC\2017 PC SI





MALLEABLE WIRE ROPE CLIPS

Torque in Approx.
Foot Wt. in

4.5

50.0

130.0

15.0

Dimensions in Inches

Pounds* Pounds A B C D E F

2.0 0.030 0.15 0.65 0.45 0.38 0.38 0.45 0.69

0.040 | 0.18 | 0.81 | 0.50 | 0.50 | 0.50 | 0.56 | 0.94

0.063 | 0.25 | 0.94 | 0.56 | 0.56 | 0.56 | 0.63 | 1.06

0.130 | 0.31 | 1.19 | 0.75 | 0.75 | 0.69 | 0.75 | 1.3

0.150 | 0.31 | 1.31 | 0.84 | 0.75 | 0.75 | 0.75 | 1.4

0.210 | 0.38 | 1.63 | 1.00 | 0.88 | 0.84 | 0.88 | 1.0

0.370 | 0.44 | 2.00 | 1.19 | 1.06 | 1.00 | 1.06 | 1.8

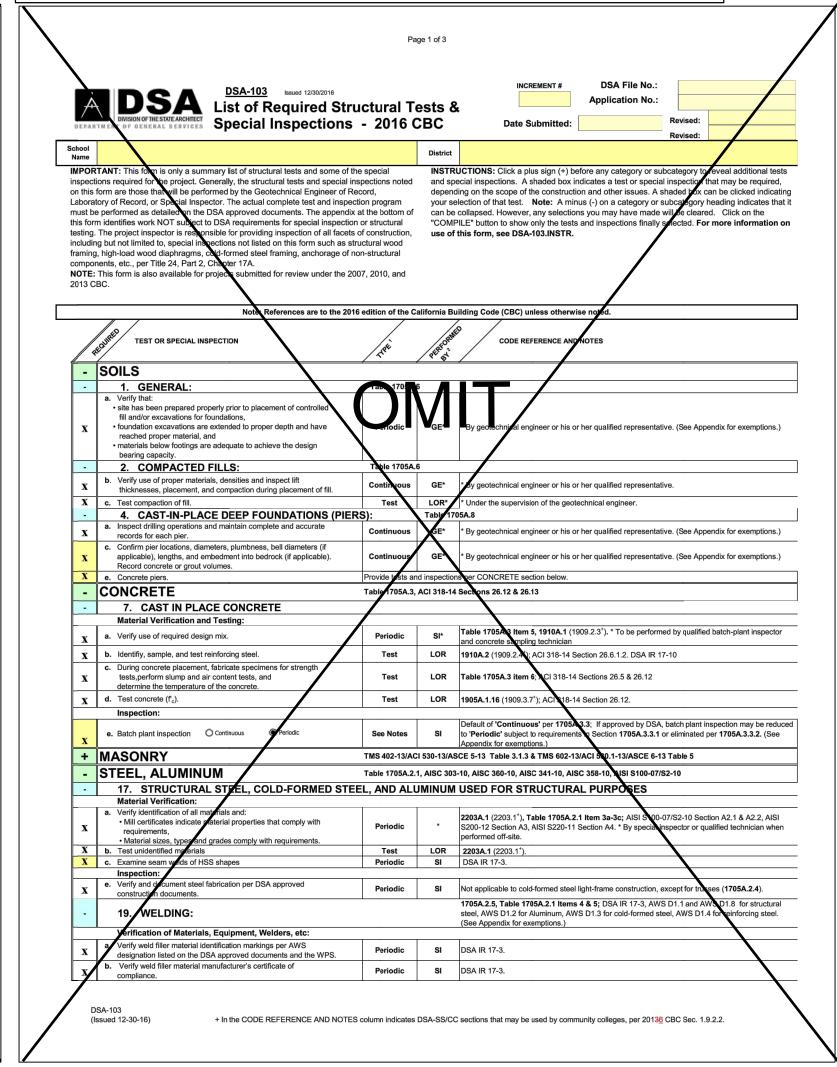
0.590 | 0.50 | 2.31 | 1.38 | 1.25 | 1.25 | 1.28 | 2.09

0.590 | 0.50 | 2.31 | 1.38 | 1.25 | 1.25 | 1.28 | 2.09

1.250 | 0.63 | 3.06 | 1.81 | 1.63 | 1.75 | 1.81 | 2.88

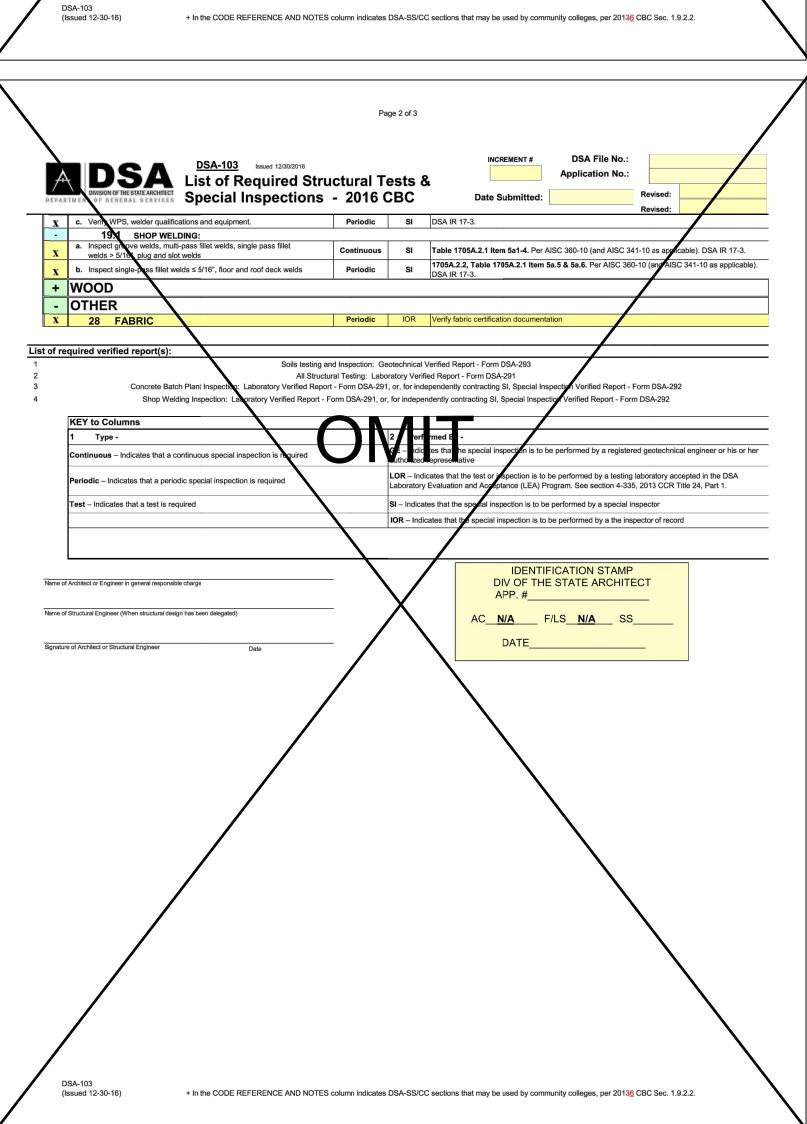
1.660 | 0.63 | 3.44 | 2.00 | 1.88 | 2.06 | 2.00 | 3.00

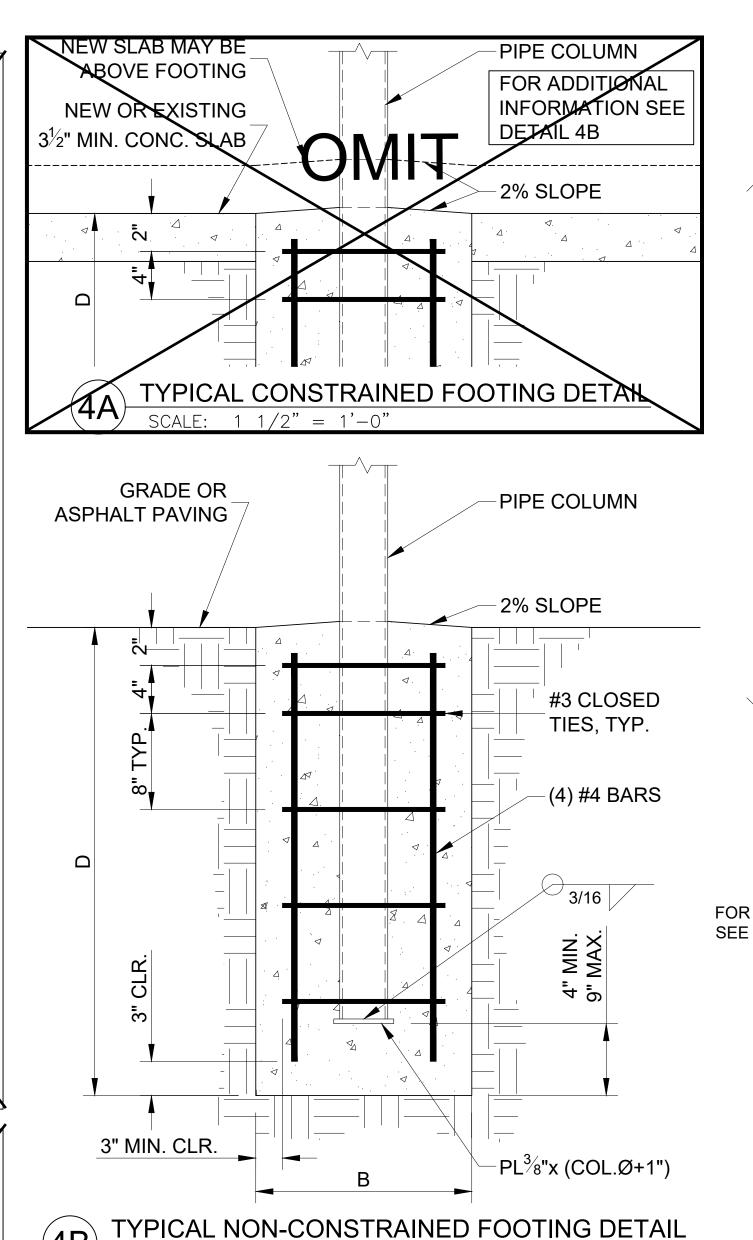
200.0 | 2.430 | 0.75 | 4.00 | 2.75 | 2.00 | 2.19 | 2.06 | 3.38

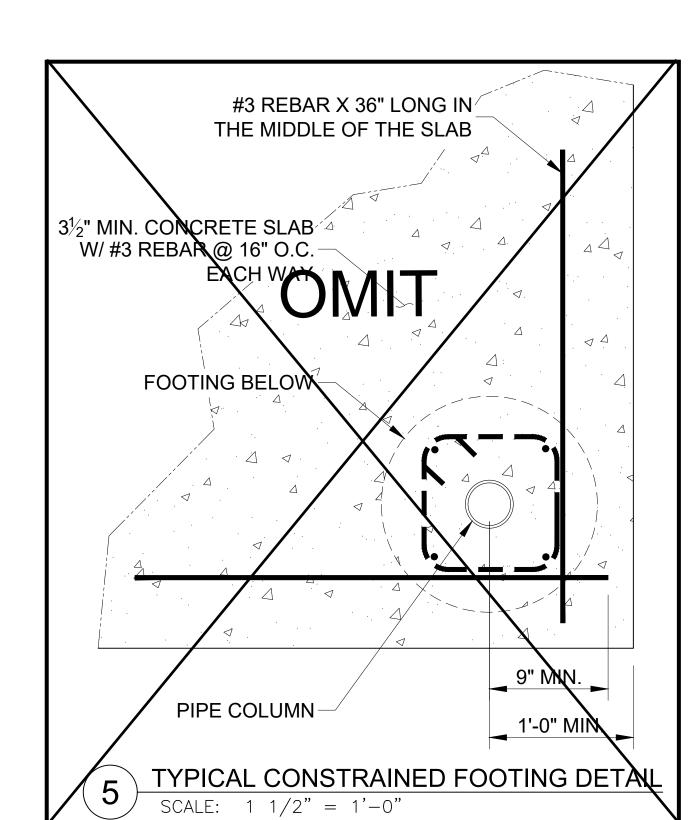


NOTE: THE EXAMPLE FORM DSA-103(s) SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING

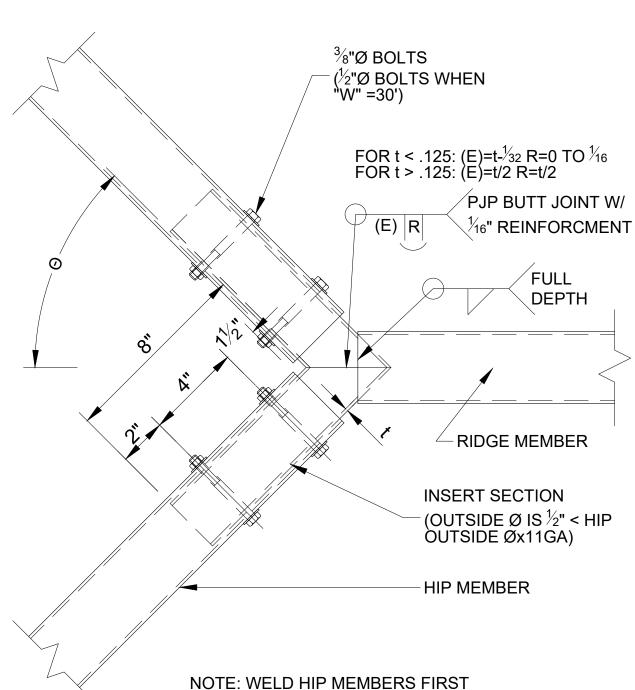
INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103(s) ARE TO BE CROSSED OUT ON THIS DRAWING





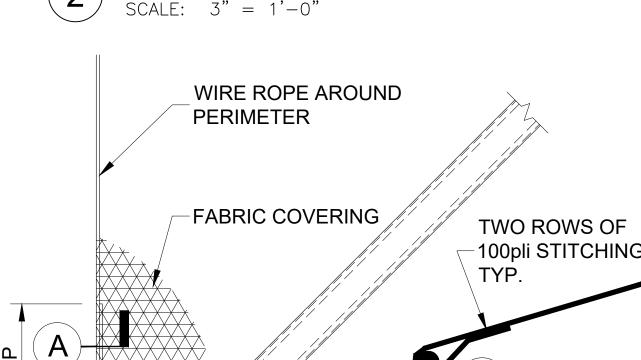


SCALE: $1 \frac{1}{2} = 1'-0"$

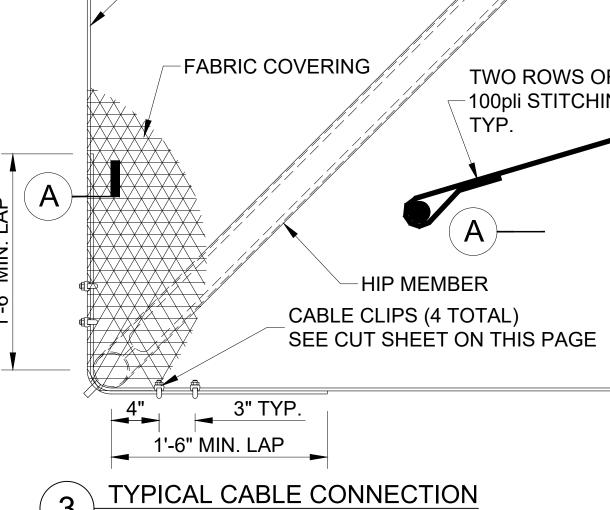


TYPICAL HIP - RIDGE CONNECTION

INSERT SECTION 3" LG. FOR ADDITIONAL INFO. (OUTSIDE Ø IS $^1\!\!2$ " < HIP SEE SHEET 3 **OUTSIDE** Ø xGA OF HIP, 11GA MIN.) PL³/₈" (PL¹/₂" IF "W"`=30') PIPE COLUMN **ELEVATION**



TYPICAL INT. COL. - HIP CONNECTION



PC IDENTIFICATION STAMP **IDENTIFICATION STAMP** DIV. OF THE STATE ARCHITEC APP: 03-121212 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 01/11/2021 ED)D

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

MANUFACTURER:

CUSTOM CANOPIES Rancho Santa Margarita, CA 92688 (562) 464-4766 Fax: (562) 464-4770

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

IDENTIFICATION STAMP OF THE STATE ARCH

ISSUE INFORMATION

JOB# **Custom Canopies** 2016 CBC (1) DRAWN BY: ISAAC EDDINGTON

1.1/8 Meets the performance requirements of Federal Specification FF-C-450, current revision, Type 1, Class 2.**

1/8**

3/16

5/16

7/16

9/16

1/2

5/8

3/4

7/8

3/8

* Based on clean, unlubricated threads. The table above shows the minimum torque required to reach maximum holding power of wire rope clips.

Wire Rope

Turn Back

in Inches

5.1/2

7.3/4

10.1/4

15.1/4

22.1/4

23.1/2

4

5

ZINC PLATED, MALLEABLE

** NOTE: 1/16" and 1/8" are not covered by Federal Specification FF-C-450, current revision.

DRAWING #

4/9/19