



Quality Inspection & Construction  
 15000 1st Ave. S.E.  
 Everett, WA 98201  
 (425) 336-7777  
 www.vartest.com

**Visual Quality Control Report**

PROJECT: [Redacted]  
 CLIENT: [Redacted]  
 DATE: [Redacted]

INSPECTED BY: [Redacted]  
 DATE: [Redacted]

ITEM	DESCRIPTION	STATUS
1	Visual Inspection of Steel Fabrication	Pass
2	Visual Inspection of Welding	Pass
3	Visual Inspection of Painting	Pass
4	Visual Inspection of Assembly	Pass

NOTES:  
 1. All steel fabrication shall be in accordance with the approved shop drawings.  
 2. All steel shall be painted with a minimum of two coats of epoxy primer and two coats of urethane enamel paint.  
 3. All steel shall be galvanized after fabrication.

DESIGNED BY: [Redacted]  
 CHECKED BY: [Redacted]  
 DATE: [Redacted]

**DESIGN CRITERIA**  
 2021 INTERNATIONAL BUILDING CODE  
 RISK CATEGORY: II  
 DEAD LOAD:  
 FABRIC: 0.10 PSF  
 SNOW LOAD:  
 GROUND SNOW LOAD: 35 PSF  
 ROOF SNOW LOAD: 5 PSF  
 SNOW EXPOSURE FACTOR: 1.0  
 SNOW LOAD IMPORTANCE FACTOR: 1.0  
 THERMAL FACTOR: 1.2  
 LIVE LOAD:  
 ROOF LIVE LOAD: 5 PSF  
 WIND LOAD:  
 ULTIMATE DESIGN WIND SPEED: 100 MPH  
 NOMINAL DESIGN WIND SPEED: 90 MPH  
 WIND IMPORTANCE FACTOR: 1.0  
 WIND EXPOSURE CATEGORY: C  
 WIND ENCLOSURE TYPE: OPEN  
 GUST EFFECT FACTOR: 0.85  
 SEISMIC DESIGN:  
 SEISMIC LOAD DOES NOT CONTROL THE DESIGN BASED ON THE ASSUMPTION THAT THE FABRIC HAS NEGLIGIBLE MASS

**OWNER NOTES**  
 1. FABRIC MEMBRANE(S) MUST BE REMOVED IF LIVE LOAD/ROOF SNOW LOAD IS EXPECTED TO EXCEED 5 PSF AND/OR THE WIND SPEED IS EXPECTED TO EXCEED A NOMINAL DESIGN WIND SPEED OF 90 MPH OR 74 MPH SUSTAINED WIND LOAD TO PREVENT DAMAGE.  
 2. THE OWNER ACCEPTS FULL RESPONSIBILITY OF REMOVING THE FABRIC FROM THE STEEL FRAME WHEN ANY OR ALL OF THESE CONDITIONS MAY OCCUR.  
 3. THE STEEL STRUCTURE WITH THE FABRIC REMOVED, WAS DESIGNED TO WITHSTAND DEAD LOADS, ROOF LIVE LOADS, SNOW LOADS AND WIND SPEEDS AS SPECIFIED ABOVE PER THE LOCAL CODE REQUIREMENTS. IF THE ABOVE LOADS ARE EXCEEDED OR ADDITIONAL LOADS ARE INDUCED STRUCTURAL FAILURE MAY OCCUR. THE OWNER IS RESPONSIBLE FOR AND ACCEPTS FULL LIABILITY FOR ANY ISSUES CAUSED BY EXCEEDING THE DESIGN CRITERIA LOADS.

**GENERAL NOTES**  
 1. FABRIC MEETS NFPA 701-10.  
 2. ALL EXPOSED STEEL TO BE POWDER COATED.

**FOUNDATION DESIGN**  
 MINIMUM CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS: 2,500 PSI  
 STEEL REINFORCEMENT: ASTM A615, GRADE 60  
 ASSUMED VERTICAL FOUNDATION PRESSURE: 1,500 PSF  
 ASSUMED LATERAL BEARING PRESSURE: 100 PSF/FT  
 THE VERTICAL AND LATERAL BEARING PRESSURE VALUES WERE CONSIDERED PER CONDITIONS OF CURRENT BUILDING CODE.

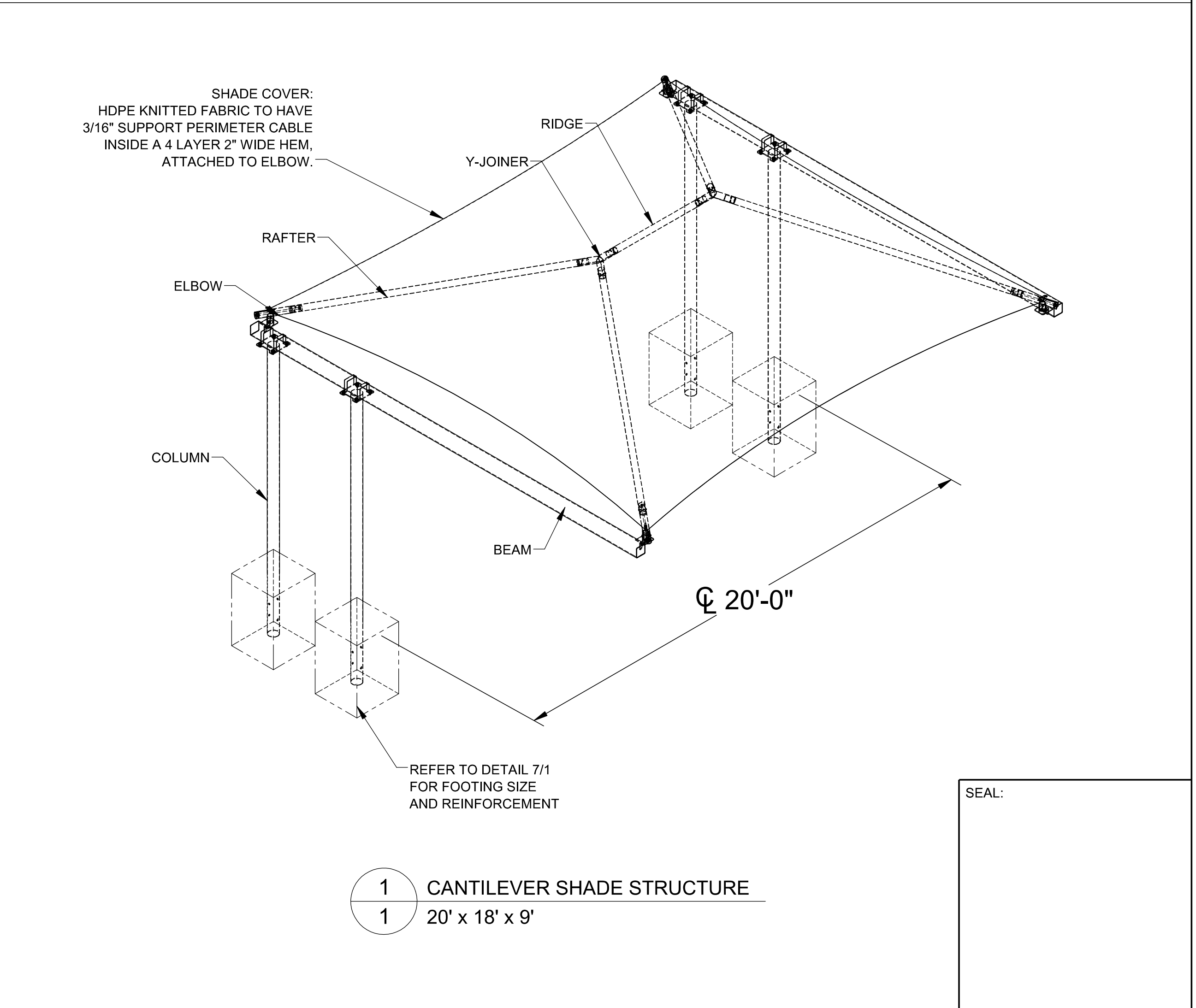
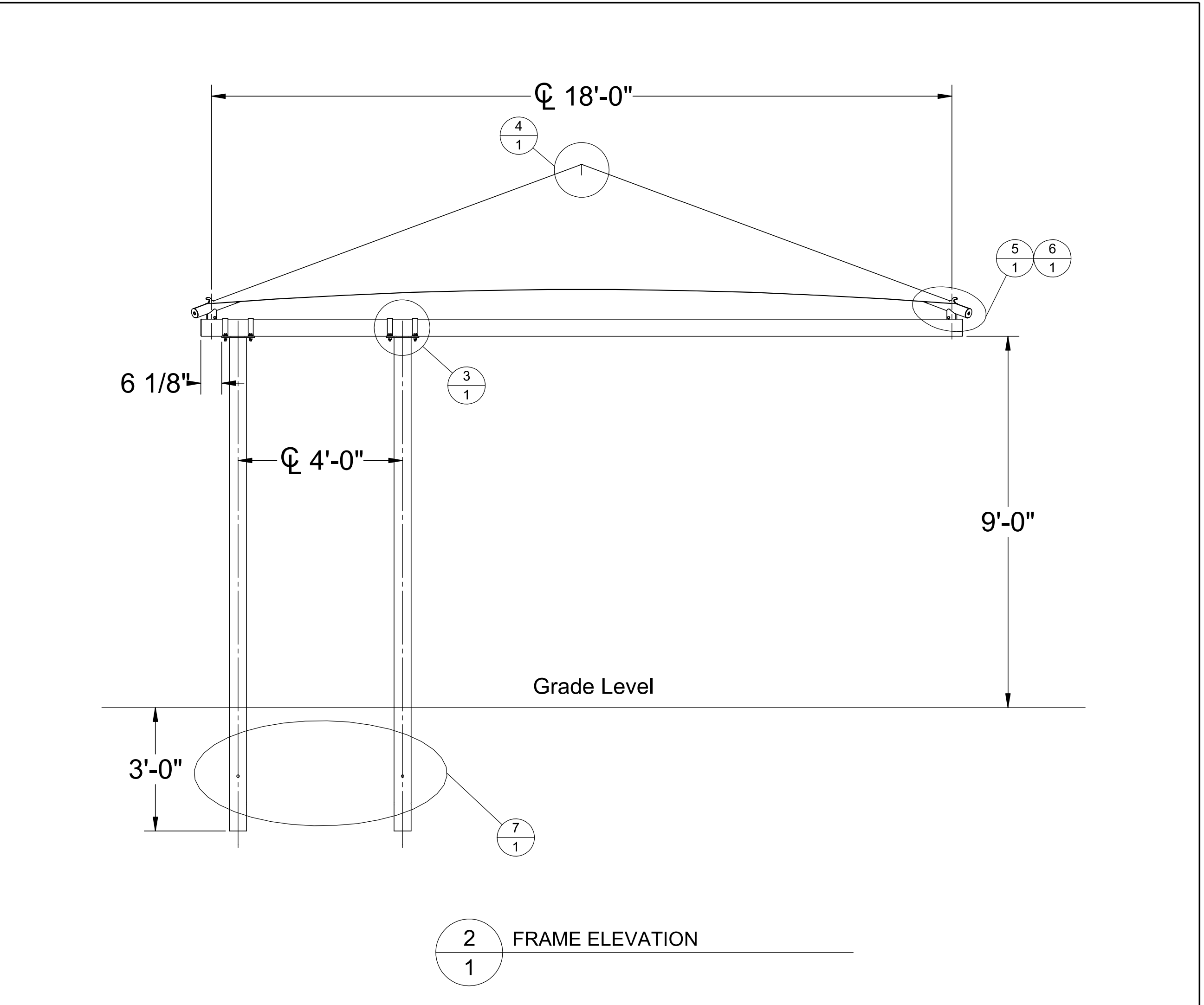
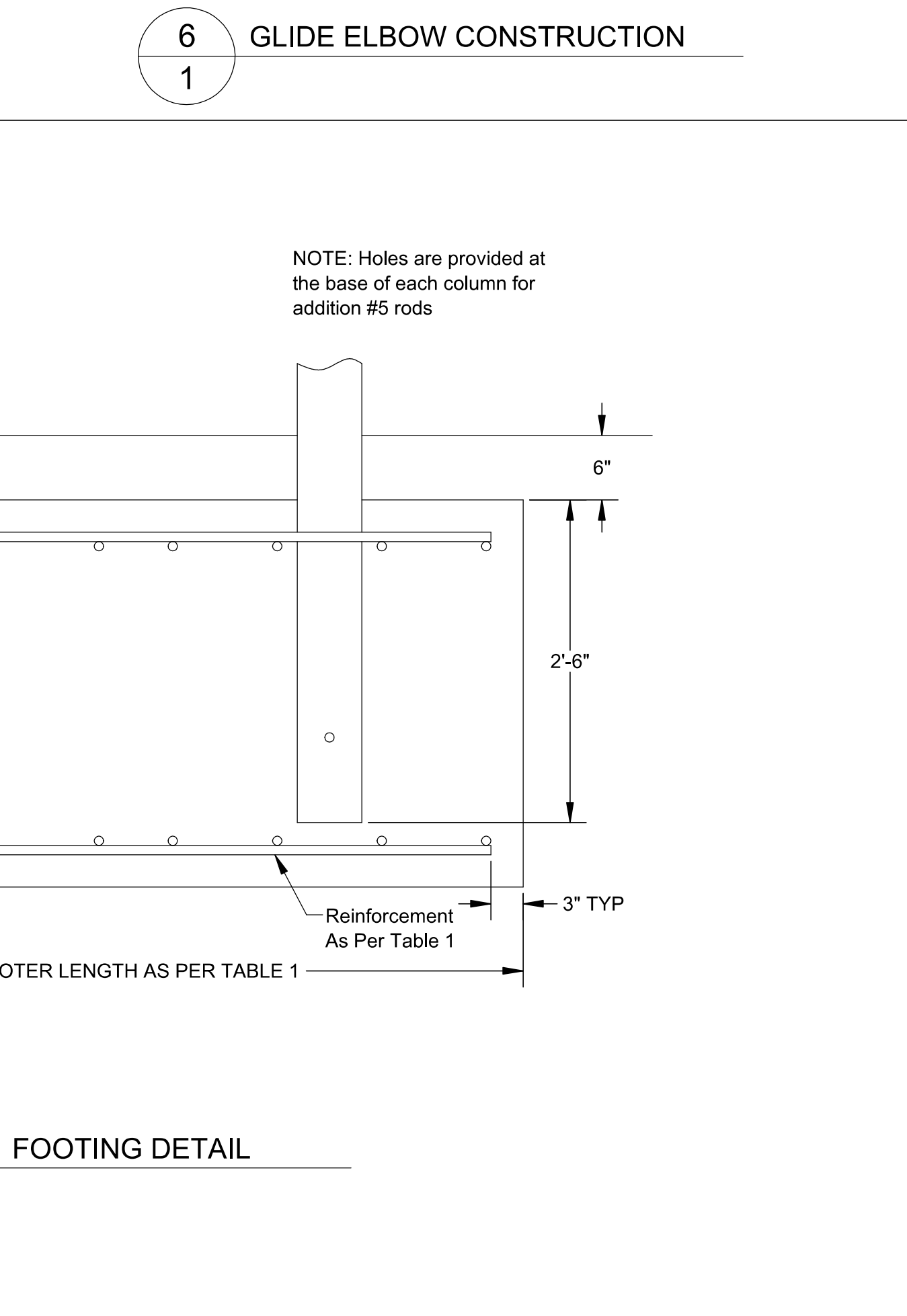
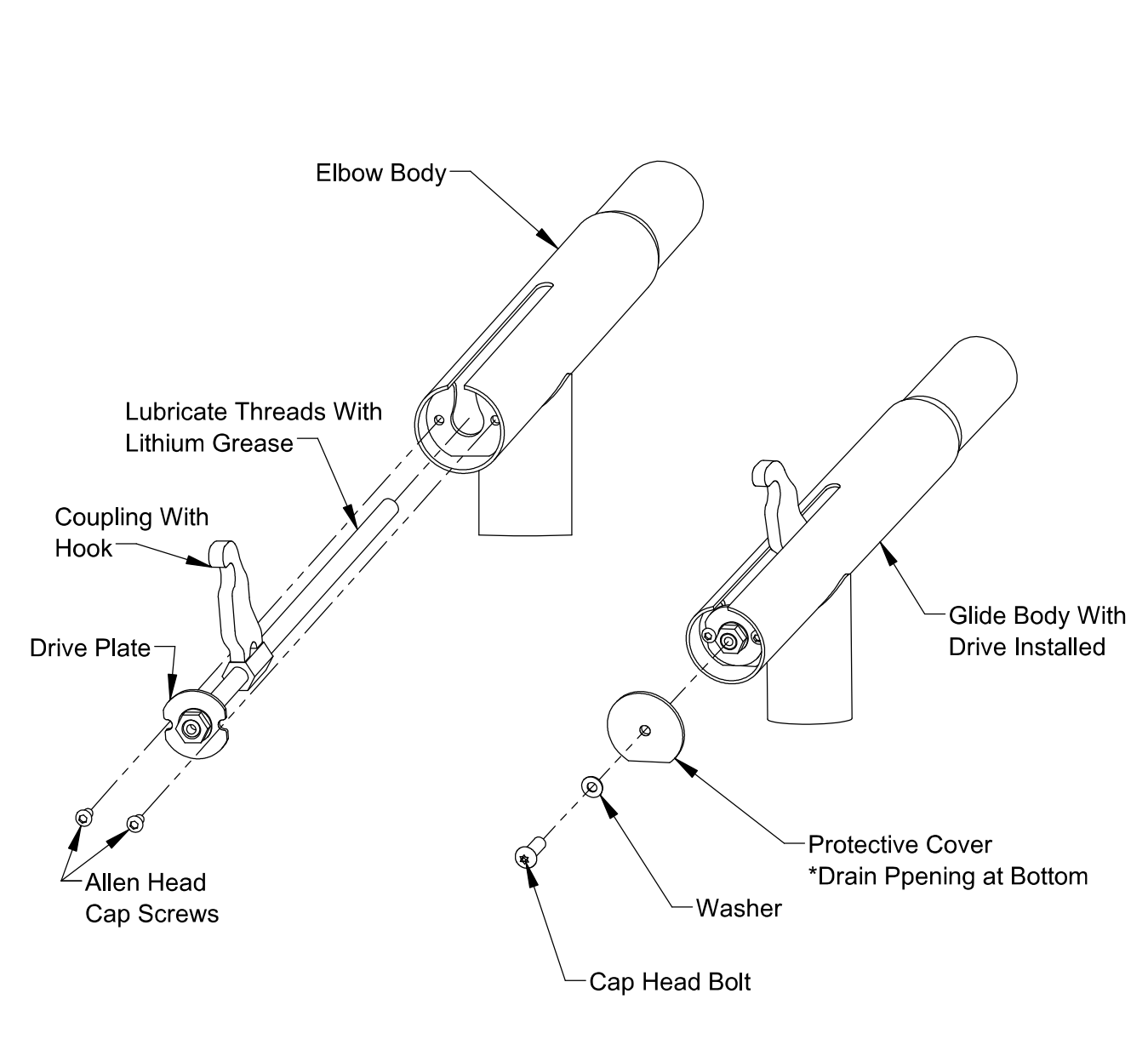
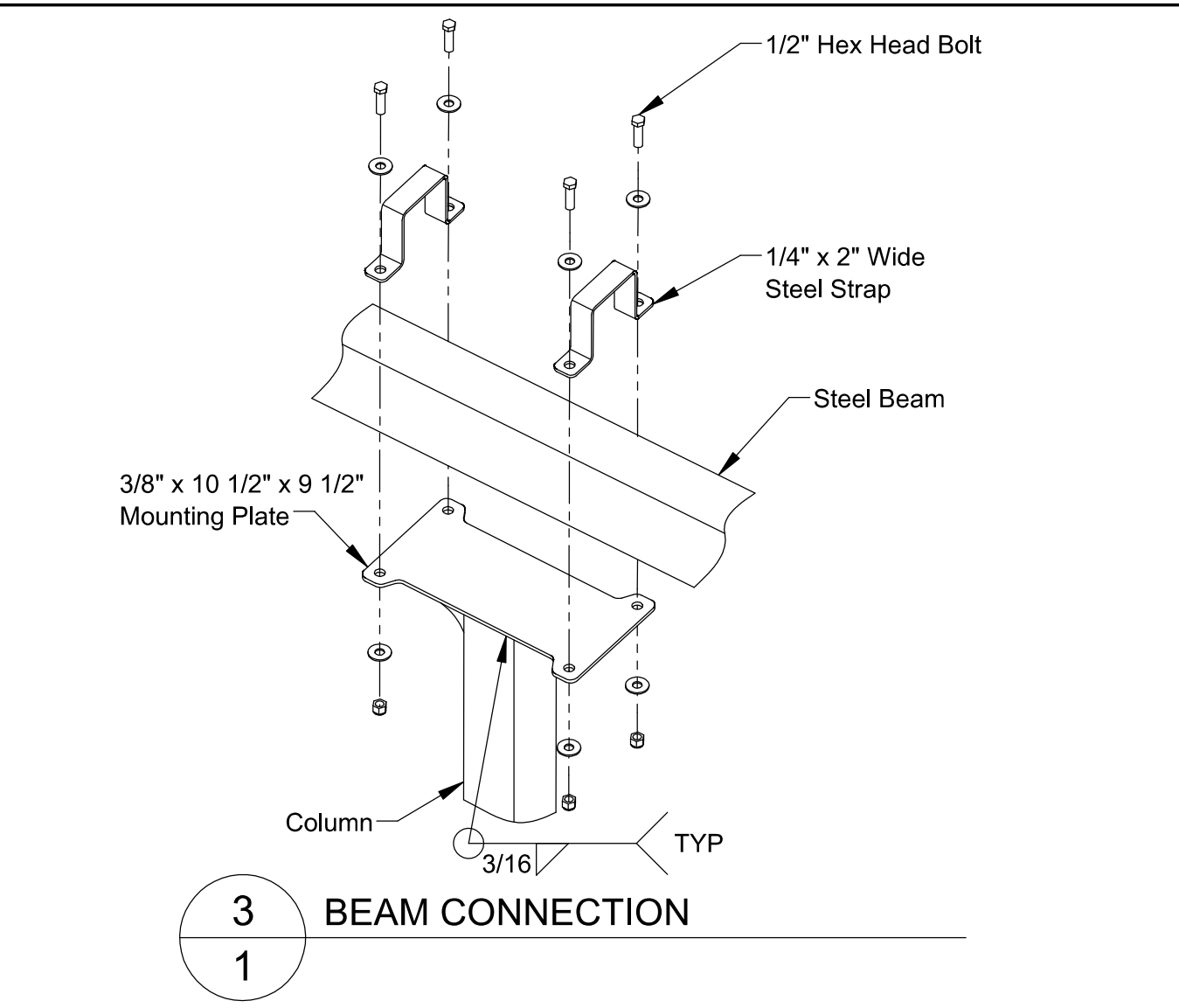
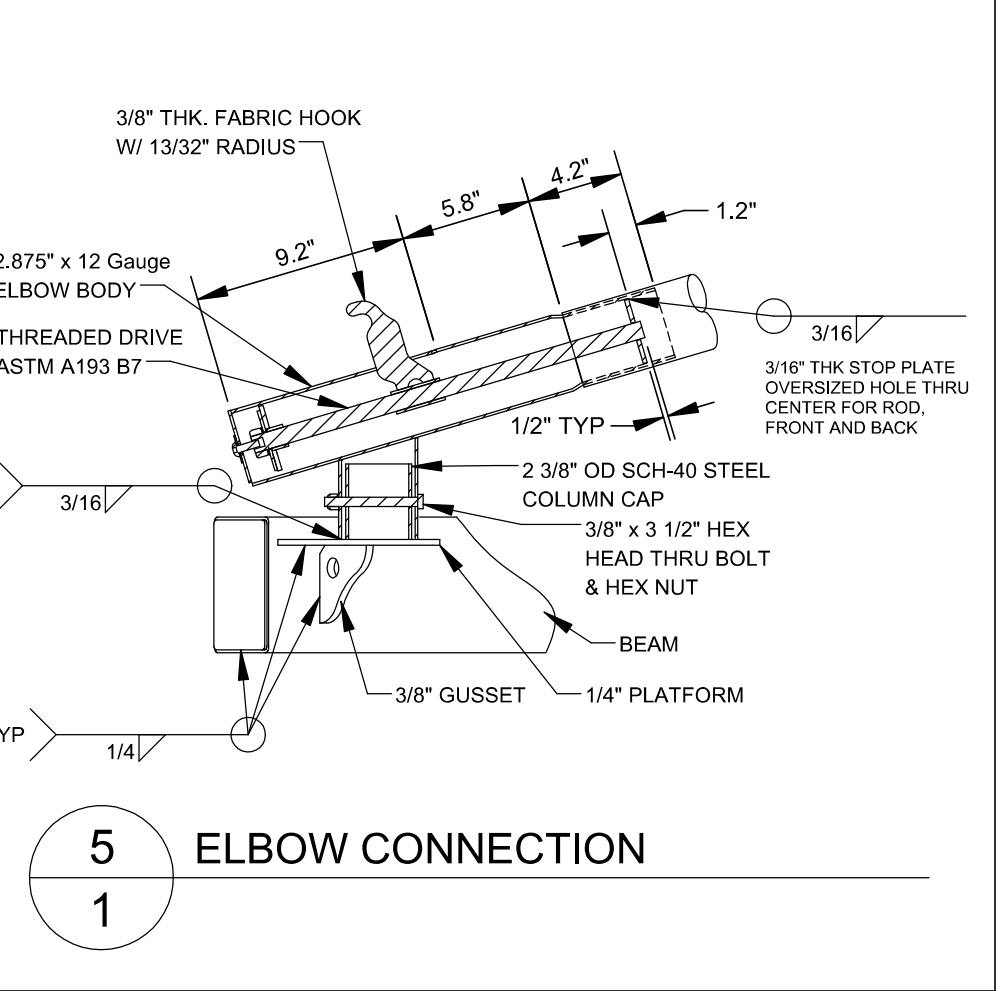
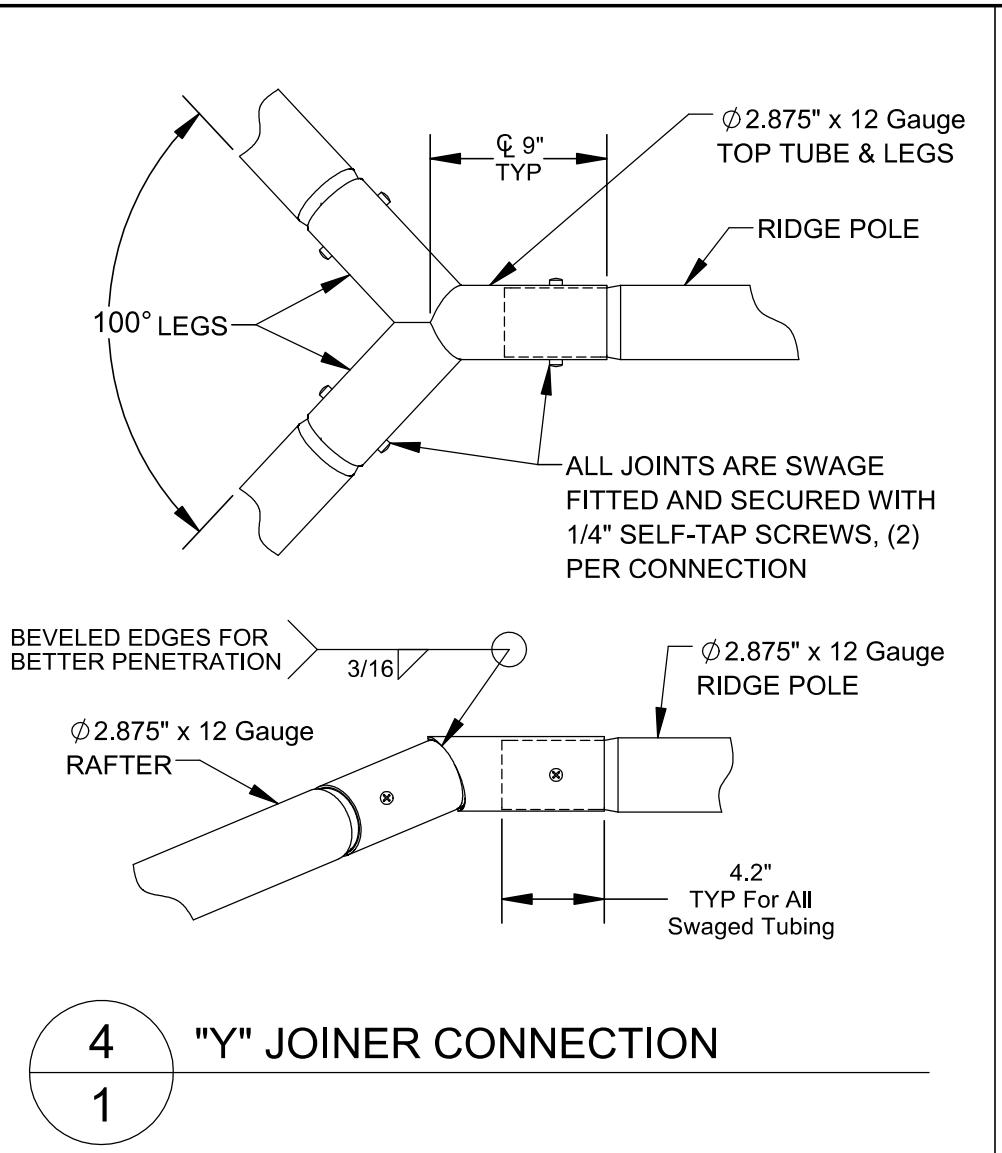
**FOUNDATION NOTES:**  
 1. THE FOUNDATION DESIGN IS BASED ON TABLE 1806.2 OF THE INTERNATIONAL BUILDING CODE. CLASS 5 SOIL MATERIAL. IF DIFFERENT SOIL CONDITIONS ARE ENCOUNTERED, IT IS RECOMMENDED THAT A SITE SPECIFIC GEOTECHNICAL REPORT IS CONDUCTED TO DETERMINE THE LOAD BEARING VALUES OF THE SOIL. OWNER / CONTRACTOR ASSUME FULL LIABILITY IF NO GEOTECHNICAL INVESTIGATIONS ARE CONDUCTED.  
 2. IF THE FOOTING DEPTH DOES NOT MEET LOCAL FROST REQUIREMENTS, FOOTINGS SHALL BE RE-DESIGNED UNDER THE DIRECTION OF AN ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCAL FROST DEPTH.

**MATERIALS**  
 1. ALL MATERIALS LISTED BELOW MAY NOT BE SPECIFIC TO THIS PROJECT.

MEMBER TYPE	ASTM	MIN. YIELD STRENGTH
W SHAPES	A992	50 KSI
RECTANGULAR HSS TUBES	A500(GRADE B)	46 KSI
SQUARE HSS TUBES	A500(GRADE B)	46 KSI
ROUND HSS TUBES	A500(GRADE B)	42 KSI
SCHEDULE PIPE	A500(GRADE B&C)	50 KSI
ROUND MECHANICAL TUBING	A519	45 KSI
MISCELLANEOUS PLATES/SHAPES	A36	36 KSI
CONNECTION BOLTS	SAE J429(GRADE 5)	92 KSI
HEADED ANCHOR BOLTS	F1554	36 KSI
HOOKEED ANCHOR BOLTS	A307	36 KSI

3/16" GALVANIZED AIRCRAFT CABLE SHALL HAVE A NOMINAL STRENGTH OF 4,200 LBS.  
 1/4" GALVANIZED AIRCRAFT CABLE SHALL HAVE A NOMINAL STRENGTH OF 7,000 LBS.  
 5/16" GALVANIZED AIRCRAFT CABLE SHALL HAVE A NOMINAL STRENGTH OF 9,800 LBS.

STRUCTURE	ENTRY HEIGHT	COLUMN SIZE	FRAME TUBE SIZE	FOOTING SIZE	FOOTING REINF.	BEAM SIZE
20' x 18' Standard Cantilever	9' - 0" Above Grade	5.0" OD 11 Gauge	2.875" OD 12 Gauge	6'-0" L x 2'-6" W x 3.00' Deep	(5) # 5 EW Top & Bottom	5" x 5" 1/4" Wall



**SUPERIOR**  
 RECREATIONAL PRODUCTS  
 Shade

SUPERIOR SHADE  
 150 Adamson Industrial Blvd.  
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Revisions	
Date:	By:

Drawn: TAB  
 Date: 01-15-2026  
 Chkd:  
 Date:

SO0296603

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 Sheet No.