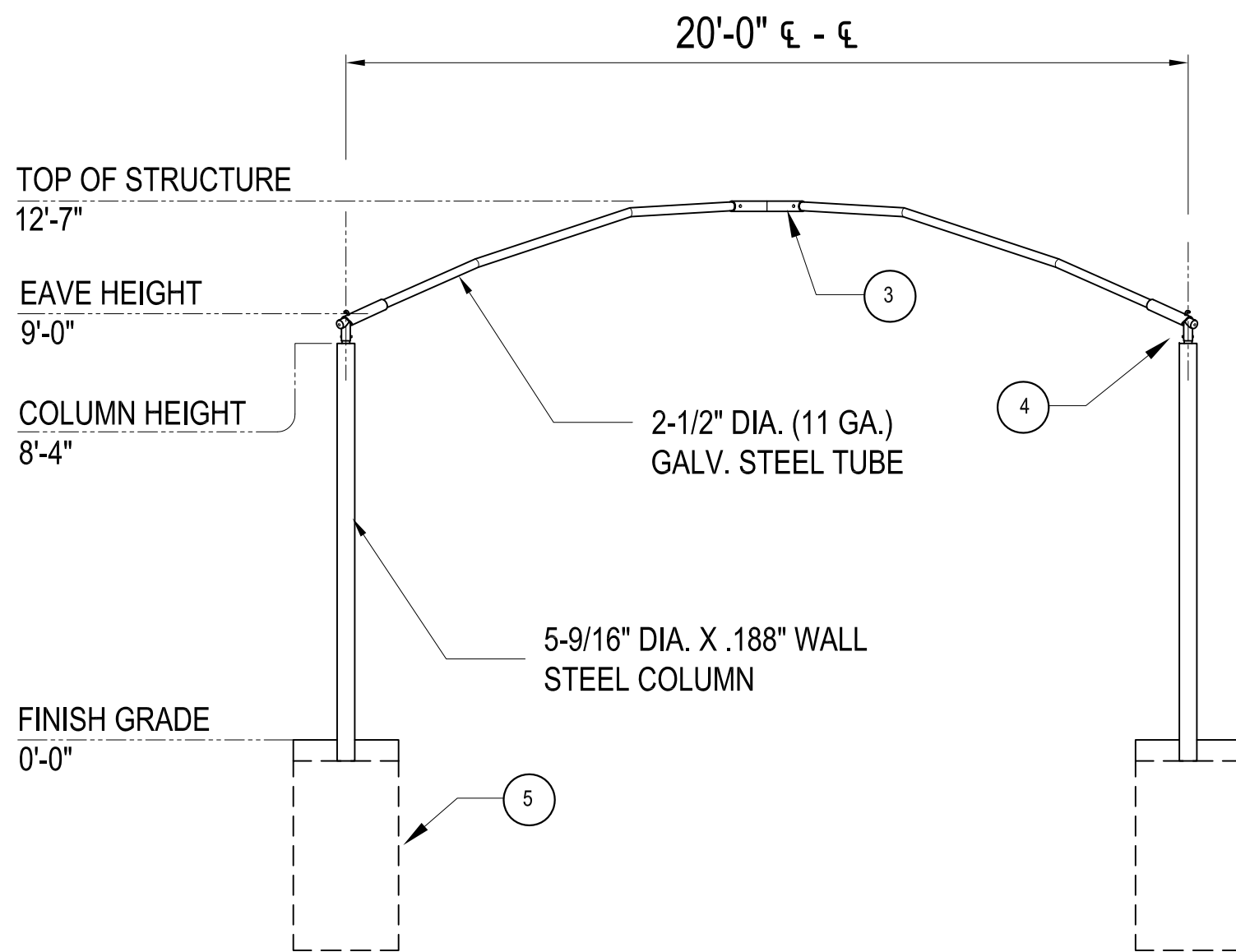
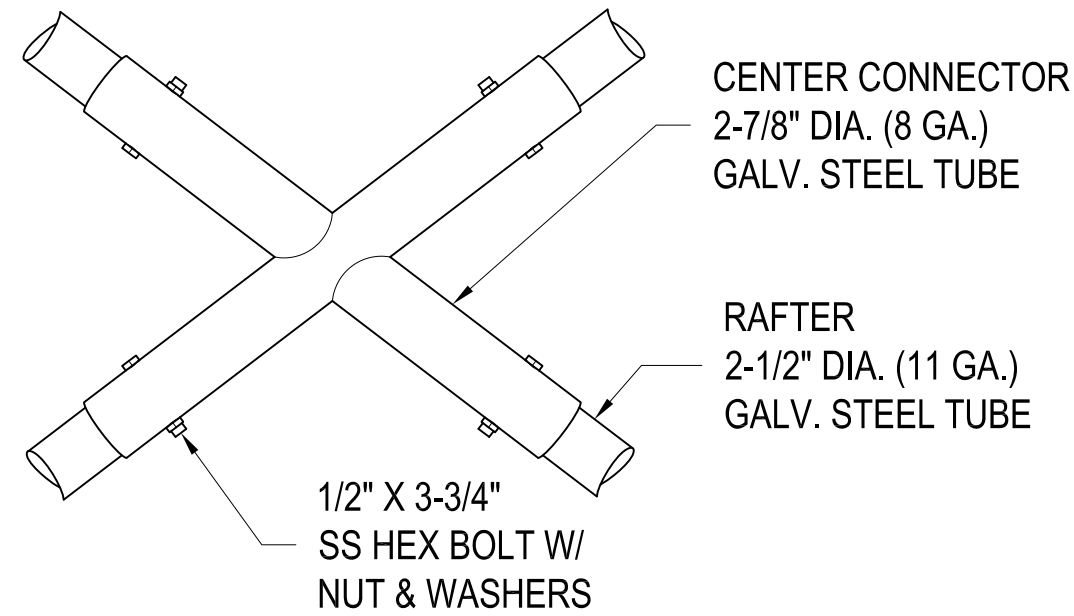


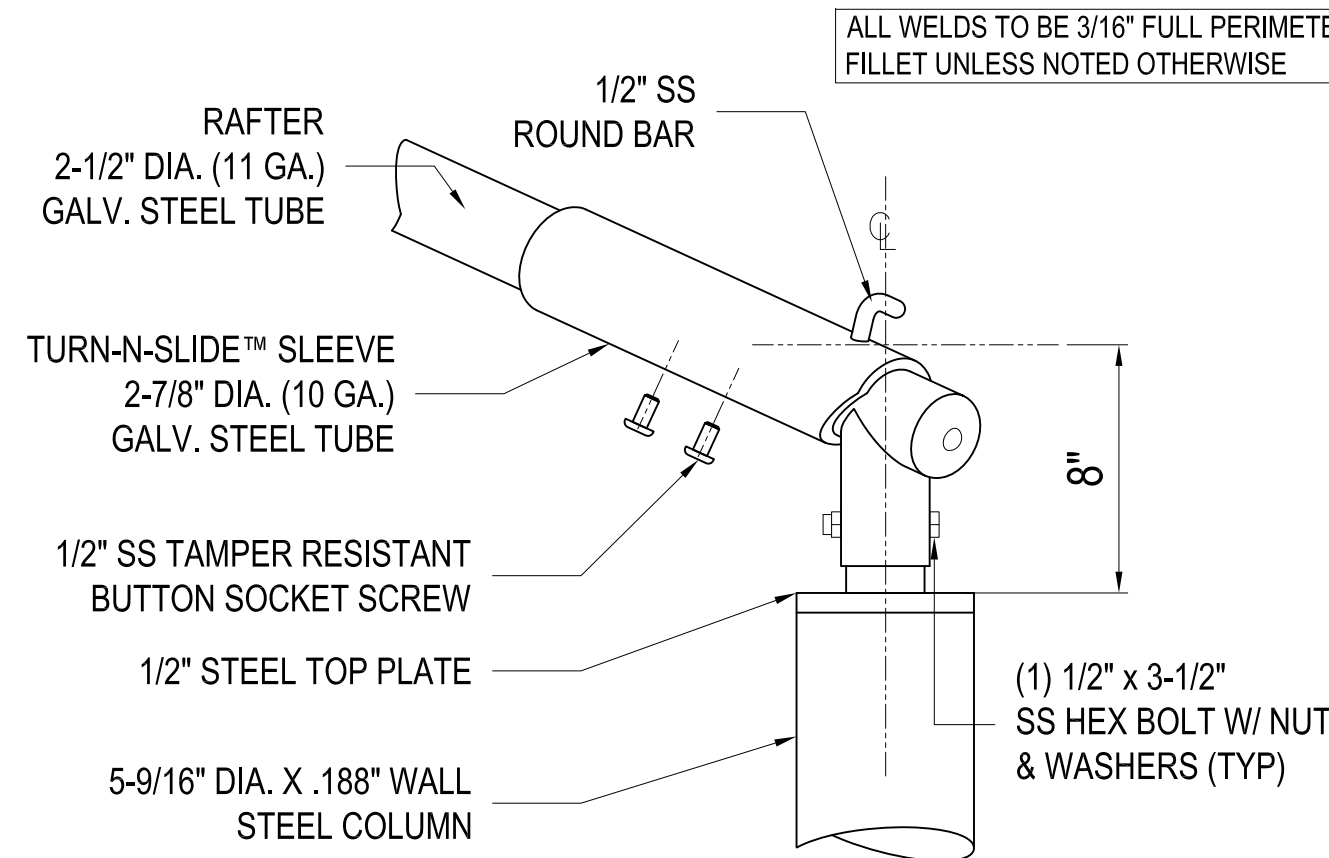
1 PLAN VIEW



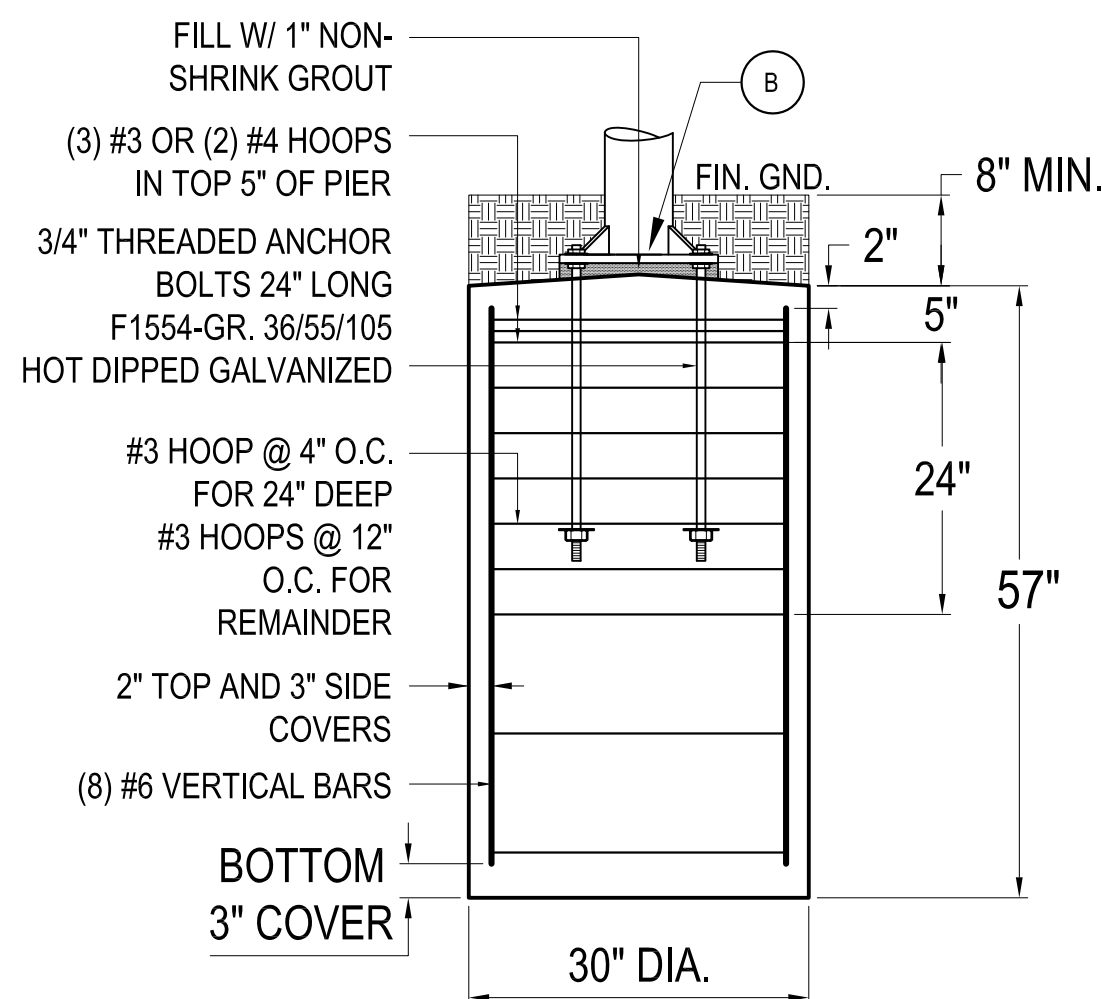
2 ELEVATION VIEW



3 CENTER CONNECTOR

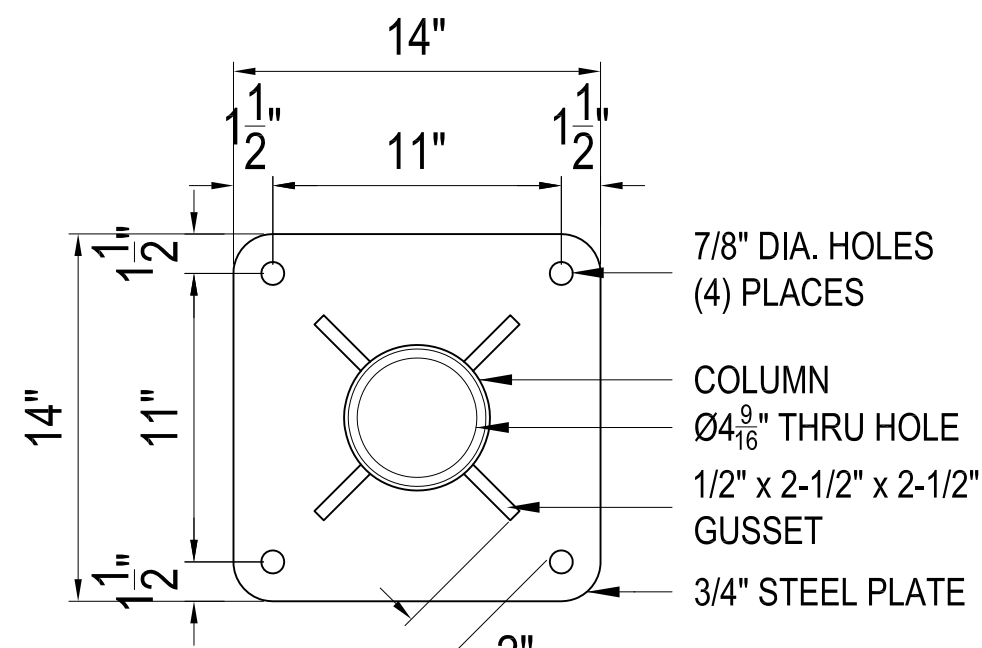


4 RAFTER-COLUMN CONNECTION DETAIL



5 FOOTING DETAIL

NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY



B BASE PLATE DETAIL

ALL WELDS TO BE 3/16" FULL PERIMETER FILLET UNLESS NOTED OTHERWISE

CENTER CONNECTOR
2-7/8" DIA. (8 GA.)
GALV. STEEL TUBE

RAFTER
2-1/2" DIA. (11 GA.)
GALV. STEEL TUBE

1/2" X 3-3/4"
SS HEX BOLT W/
NUT & WASHERS

ALL WELDS TO BE 3/16" FULL PERIMETER FILLET UNLESS NOTED OTHERWISE

RAFTER
2-1/2" DIA. (11 GA.)
GALV. STEEL TUBE

TURN-N-SLIDE™ SLEEVE
2-7/8" DIA. (10 GA.)
GALV. STEEL TUBE

1/2" SS TAMPER RESISTANT
BUTTON SOCKET SCREW

1/2" STEEL TOP PLATE

5-9/16" DIA. X .188" WALL
STEEL COLUMN

(1) 1/2" x 3-1/2"
SS HEX BOLT W/ NUT
& WASHERS (TYP)

GENERAL NOTES

1- THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2018 IBC CODES ALONG WITH ANY ADOPTED STATE BUILDING CODES AND ASCE 7-16 TO THE FOLLOWING DESIGN CRITERIA:

STRUCTURE WITH FABRIC CANOPY REMOVED	
CATEGORY	I
EXPOSURE	B
BASIC WIND SPEED	105 MPH

2- THE FOUNDATION ASSUMES SOIL CLASS MATERIAL 5, VERTICAL FOUNDATION PRESSURE 1500 PSF, LATERAL BEARING PRESSURE 100 PSF/FT. (PER IBC, TABLE 1806.2)

3- ALL FASTENERS SHALL BE STAINLESS STEEL.

4- ALL BOLTS MUST BE SNUG TIGHT. THE SNUG TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH THE FULL EFFORT OF A TYPICAL WORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT. SNUG TIGHT IS THE CONDITION THAT EXISTS WHEN ALL THE PLIES IN A CONNECTION HAVE BEEN PULLED INTO FIRM CONTACT BY THE BOLTS IN THE JOINT AND ALL THE BOLTS IN THE JOINT HAVE BEEN TIGHTENED SUFFICIENTLY TO PREVENT THE REMOVAL OF THE NUTS WITHOUT THE USE OF A WRENCH.

5- FABRIC MAY NOT WITHSTAND WINDS IN EXCESS OF 90 MPH AND THEREFORE IT SHALL BE RELEASED.

STEEL:

1- GALV. STEEL TUBES MIN F_y=50KSI. STEEL ROUND PIPE SHALL BE ASTM A53 GRADE B. STEEL HSS ROUND AND HSS RECTANGULAR SHALL BE ASTM A500 GRADE B. STEEL PLATE SHALL CONFORM WITH ASTM A36.

2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-S6 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.

2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f_c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (f_y) OF 60 KSI.

4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

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NOTE TO OWNER:
OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 90 MPH. ALSO, AS STRUCTURE IS NOT DESIGNED FOR ANY SNOW LOAD, IT IS RECOMMENDED THAT CANOPY BE REMOVED WHEN SNOWFALL IS EXPECTED.

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201 63rd Street
Westmont, IL 60559

Approved:



By Yuri at 5:45:24 AM, 2/1/2026
License Expires: 11/30/2026

Model Name:

RECTANGULAR

Model No.:

R203009PM

Revisions	

REP: _____

REP QTE. NO.

Q-16670

Approved: JRB	Job: 10305-2
Checked: MG	Drawn: CU
Date: 01/26/2026	Sheets: 1 OF 1
NOT TO SCALE	