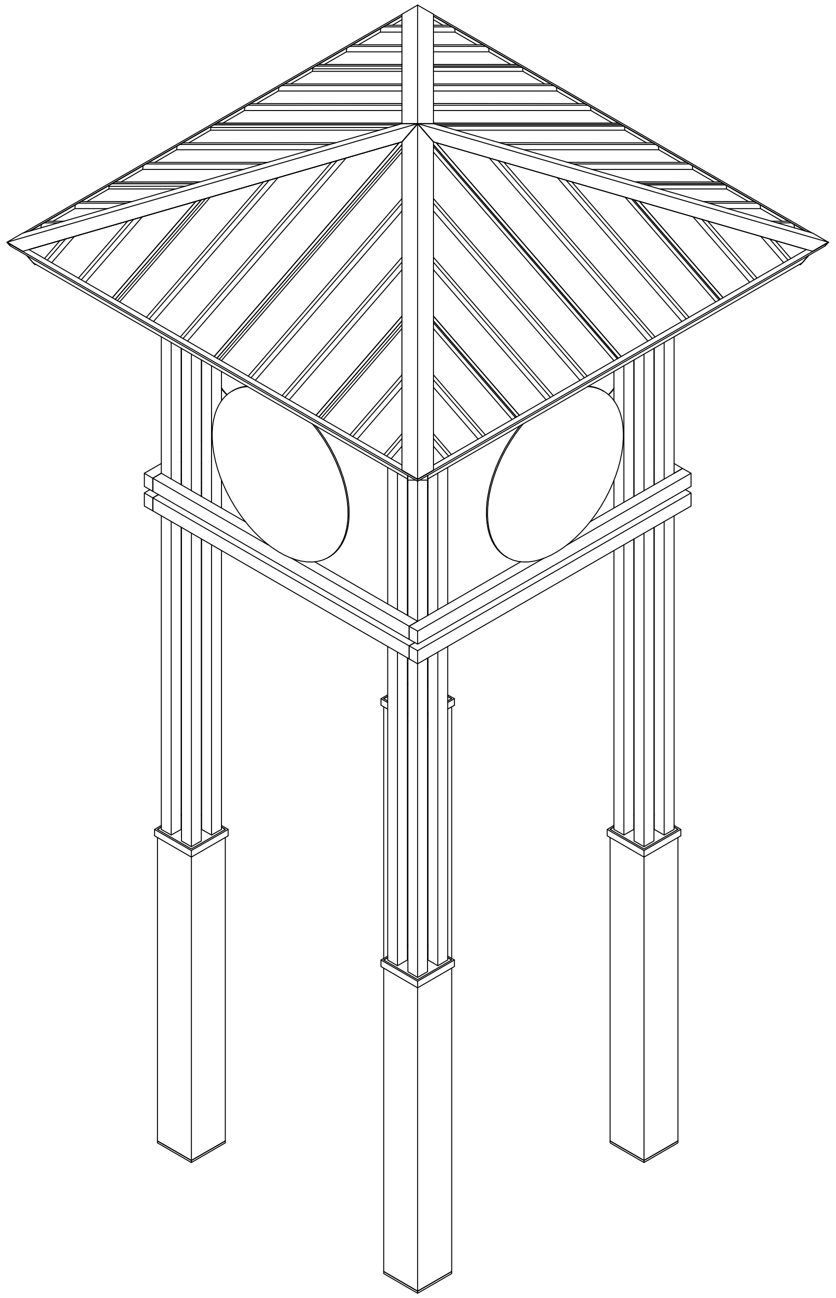
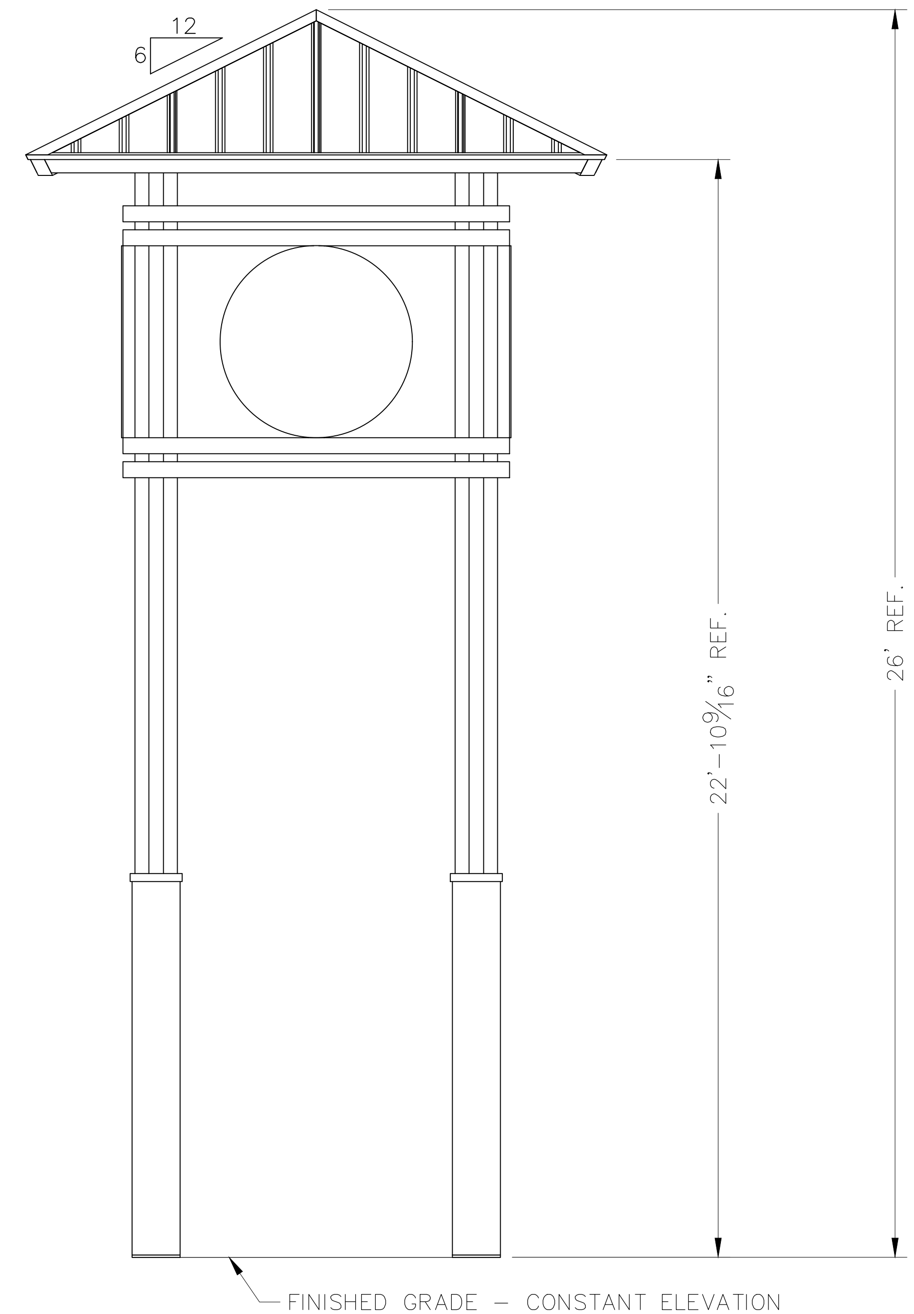
PRELIMINARY: NOT FOR CONSTRUCTION





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DISTINCTIVE STEEL SHELTERS
WWW.ICONSHELTERS.COM

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HOLLAND MI, 49423

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800.748.0985
616.396.0944 FX

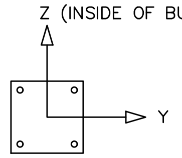
Elevation

DRAWN BY:	RGB
DATE:	1/24/2025
PRELIMINARY ID:	96194
REVISION:	A
BUILDING TYPE:	TH12X12-26M
PROJECT NAME:	

SHEET
1.0

Engineering\AcadStandard\Blocks\Titles\ICONPRETB
QF-73-01-42

DWG: TH\12X12\M-P6-25-90-17\Drawings\Preliminary\TH12-26M-P6-25-90-17~96194.DWG



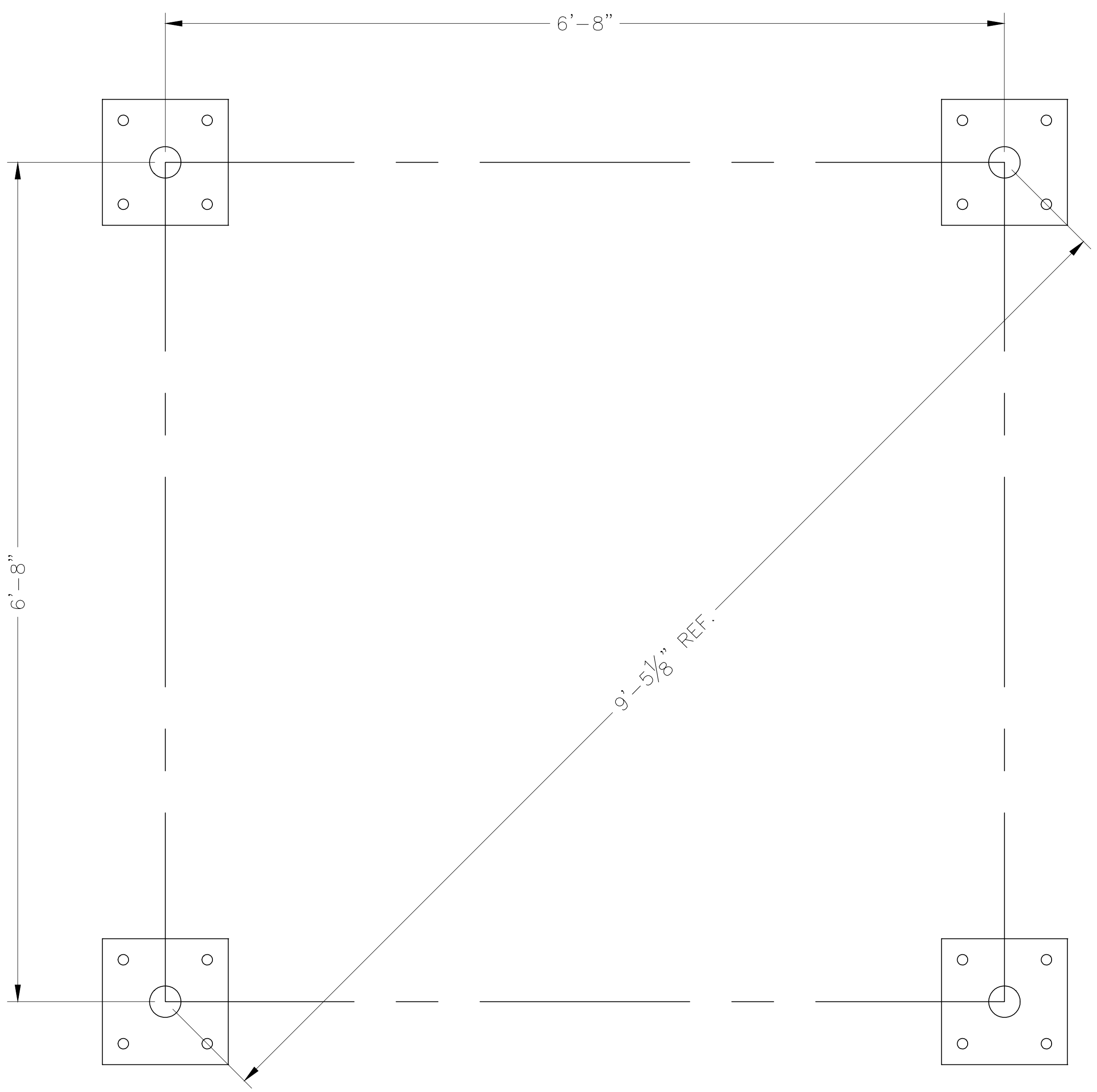
THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY.
THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING

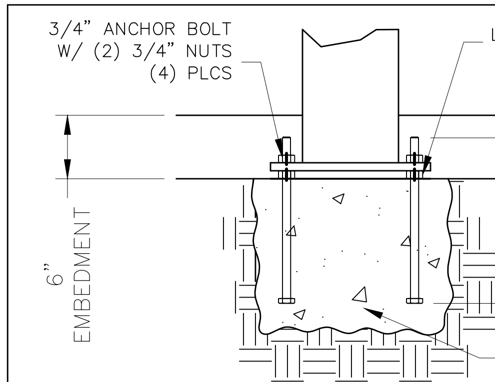
CL1

LOADS TO FOUNDATION (KIPS, IN-KIPS)	FOUNDATION LOADS				
LOAD COMBINATION	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	1.82	0.00	0.02	−2.84	0.00
SL	2.74	0.00	0.00	0.29	0.00
W–UPLIFT	−1.28	−0.05	−0.05	10.98	−10.71
W–FY	−0.99	−0.05	0.05	−10.73	−11.20
W–FZ	−1.28	−0.05	−0.05	10.98	−10.71
E–FY	−0.37	−0.30	−0.29	50.34	−49.10
E–Z	−0.37	−0.30	−0.29	50.34	−49.10

NOTES:
- TABLE SHOWS UNFACTORED SERVICE LOADS
- A FOUNDATION DESIGN HAS NOT BEEN PERFORMED BY ICON SHELTER SYSTEMS INC.
- A LICENSED ENGINEER FAMILIAR WITH SOIL CONDITIONS AT CONSTRUCTION SITE MUST PERFORM A FOUNDATION DESIGN.
- THE STRUCTURE HAS BEEN ENGINEERED AS AN OPEN STRUCTURE.
- CONSULT ICON SHELTER SYSTEMS INC. IF THE STRUCTURE IS TO BE ENCLOSED.
- COORDINATES ARE LOCAL TO THE COLUMN

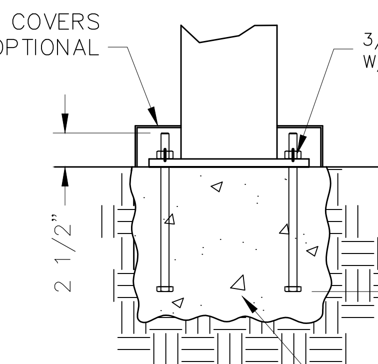
DEFINITIONS:
DL = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AXIAL LOAD
SL = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AXIAL LOAD
W–UL = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST UPLIFT LOAD
W–Y = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
W–Z = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST SHEAR VALUE ACTING IN THE SAME DIRECTION AS THE DL SHEAR LOAD
E–Y = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
E–Z = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Z DIRECTION





PRELIMINARY DRAWINGS SHOWN AS 6" BURIED

STANDARD BASE CONNECTION
COLUMN TYPE: A (6" BURIED)



OPTIONAL BASE CONNECTION
COLUMN TYPE: B (SURFACE MOUNT W/ COVERS)

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Anchor Bolt Layout

DRAWN BY: RGB

DATE: 1/24/2025

PRELIMINARY ID: 96194

REVISION: A

BUILDING TYPE: TH12X12–26M

PROJECT NAME:

SHEET 2.0

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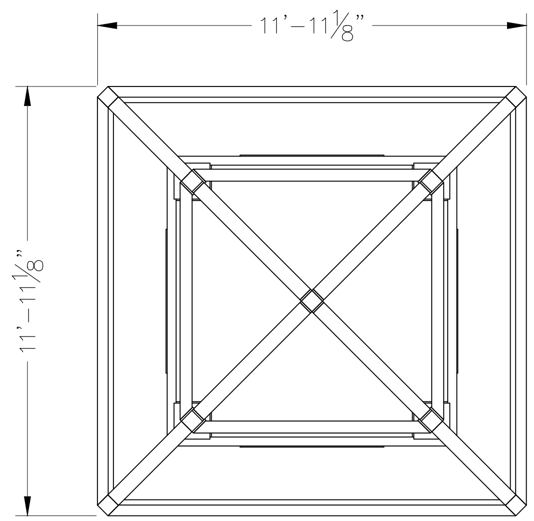
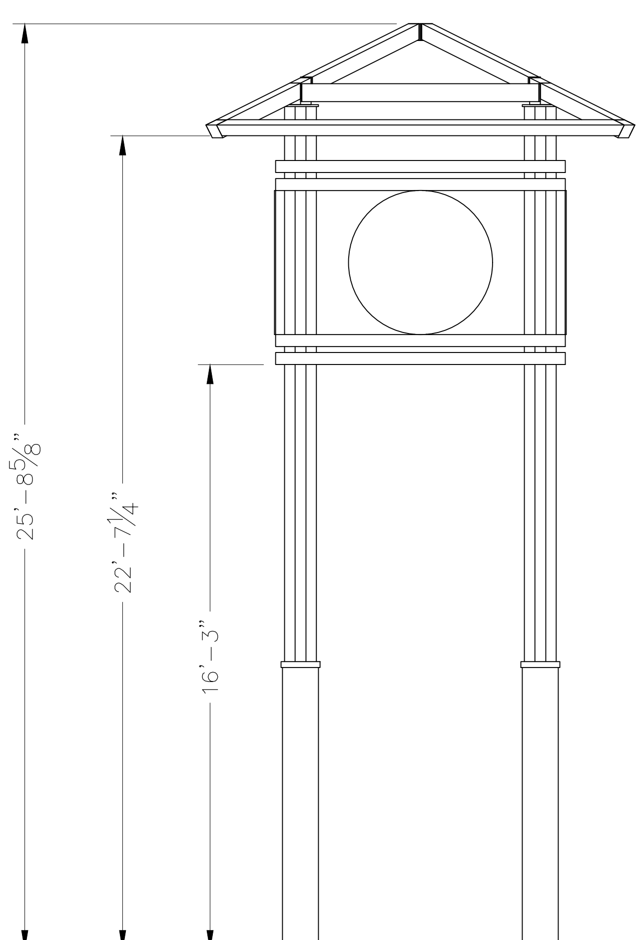
DWG:TH\12X12\M–P6–25–90–17\Drawings\Preliminary\TH12–26M–P6–25–90–17~96194.DWG

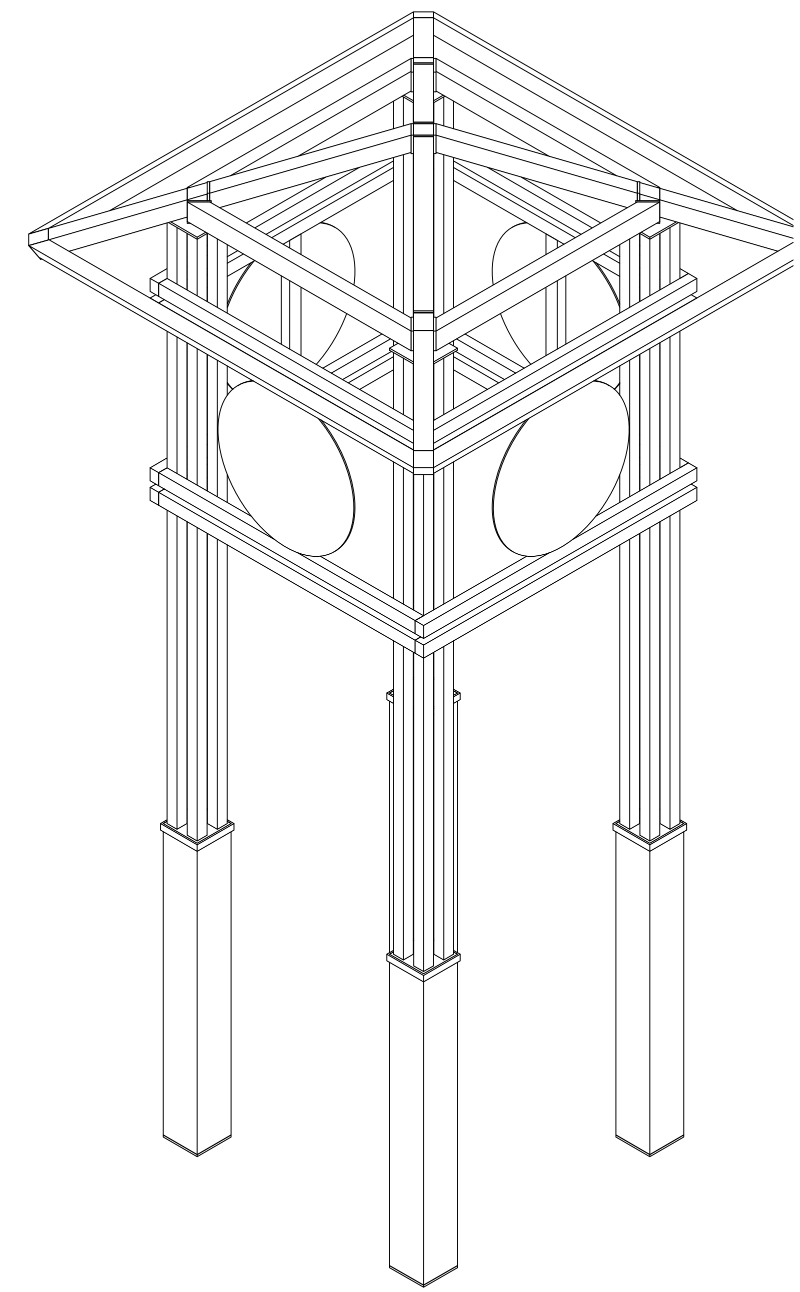
Attachment E





FINISHED GRADE – CONSTANT ELEVATION

PRELIMINARY: NOT FOR CONSTRUCTION



ALL STRUCTURAL COMPONENTS WILL BE:
TUBE: ASTM A500 GRADE B
PLATE: ASTM A36
BOLTS: ASTM A325
NUTS: ASTM A563
WELDING: GMAW

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616.396.0944 FX

Frame

DRAWN BY:	RGB
DATE:	1/24/2025
PRELIMINARY ID:	96194
REVISION:	A
BUILDING TYPE:	TH12X12-26M
PROJECT NAME:	

SHEET 3.0

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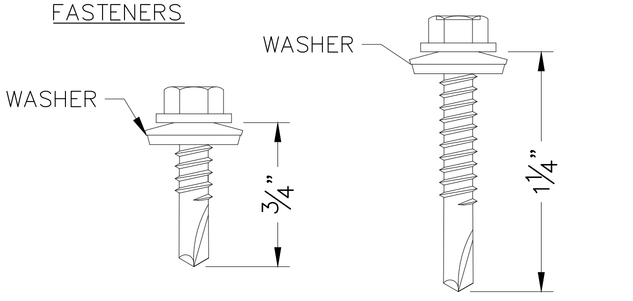
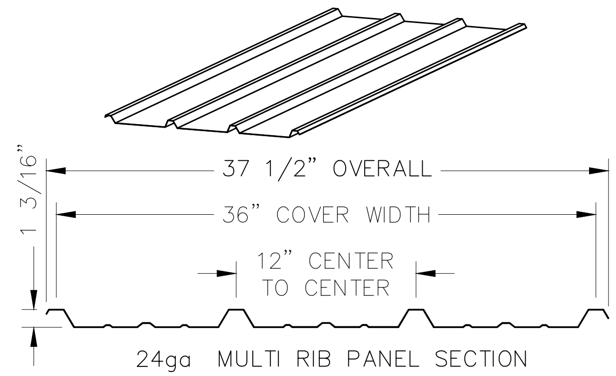
DWG:TH\12X12\M-P6-25-90-17\Drawings\Preliminary\TH12-26M-P6-25-90-17~96194.DWG

FASTENERS

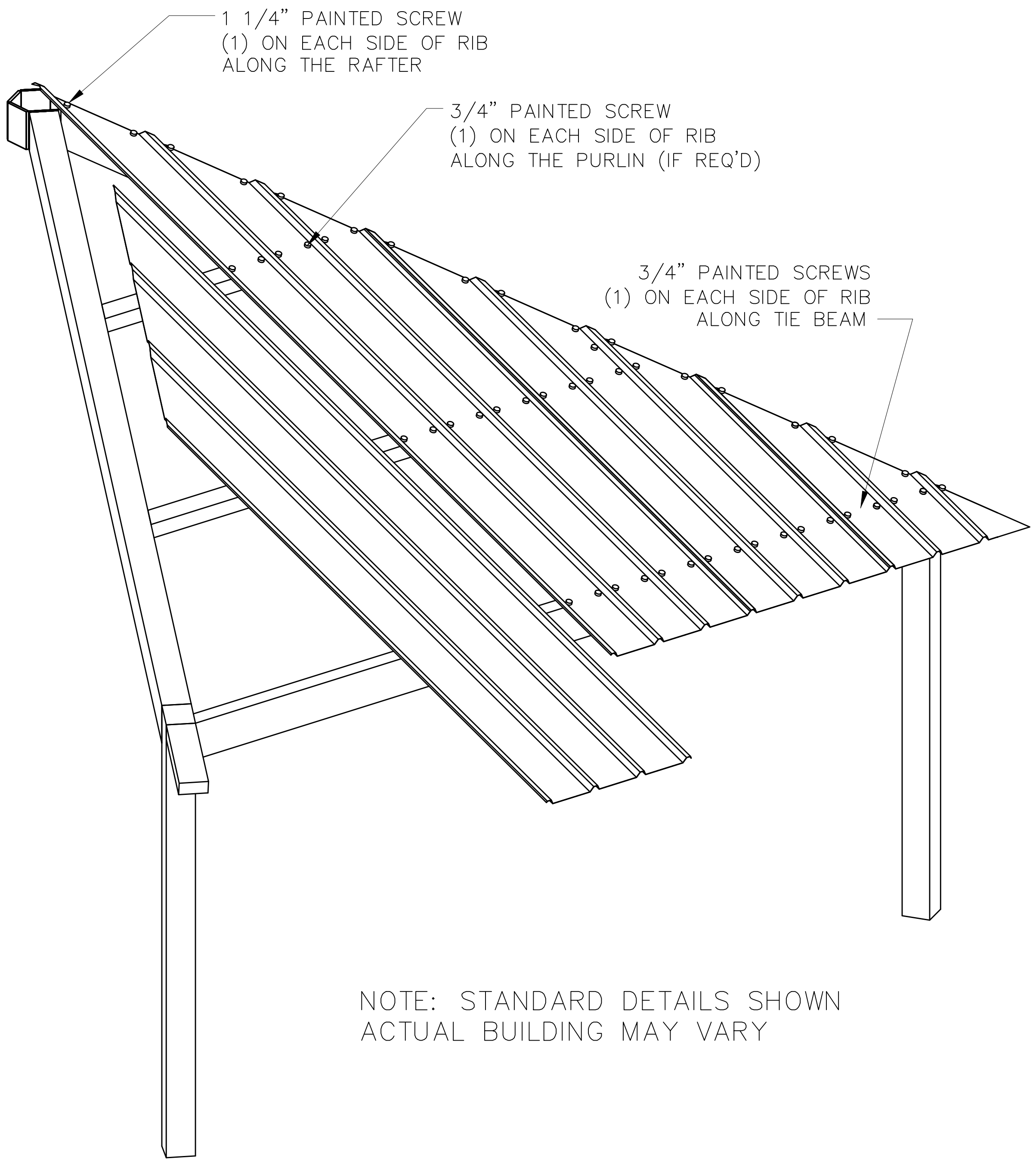


3/4" PAINTED SCREW

1 1/4" PAINTED SCREW

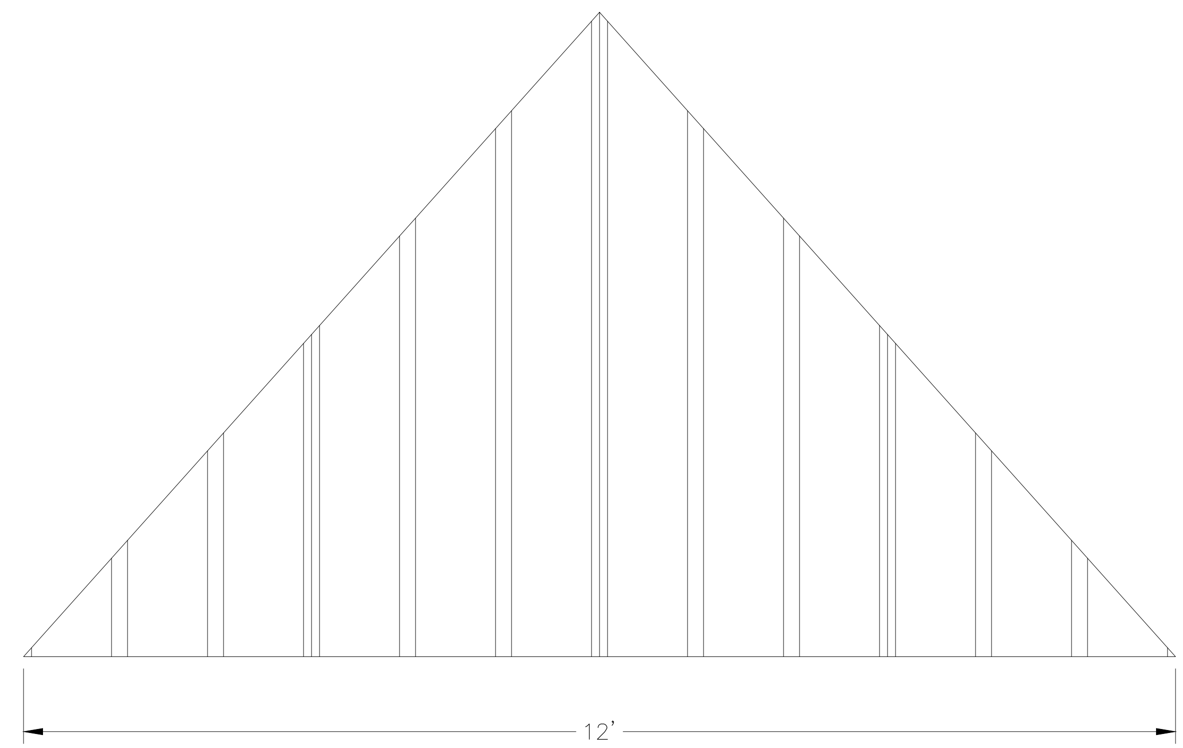


24ga MULTI RIB PANEL SECTION



NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY

PRELIMINARY: NOT FOR CONSTRUCTION



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Roof Layout

DRAWN BY:	RGB
DATE:	1/24/2025
PRELIMINARY ID:	96194
REVISION:	A
BUILDING TYPE:	TH12X12-26M
PROJECT NAME:	

SHEET
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ELECTRICAL INFORMATION - SQUARE

ICON'S STANDARD ELECTRICAL IS DESIGNED TO ACCOMMODATE Ø1/2" CONDUIT WITH A Ø3" INLET HOLE ON THE BOTTOM OF EACH COLUMN.
THE CONDUIT PATHWAY RUNS THROUGH THE COLUMN, RAFTER, AND RIDGE BEAM THROUGH ALL BOLTED CONNECTIONS AS SHOWN.
IF YOU HAVE SPECIAL ELECTRICAL REQUIREMENTS, PLEASE OUTLINE ANY CHANGES BELOW AS DESCRIBED.

PLEASE NOTE: DESIGN LIMITATIONS ON HOLE/CUTOUT SIZES MAY APPLY.
ICON WILL REACH OUT TO DISCUSS ANY SUCH LIMITATIONS AS NEEDED.

NOTE: ICON SHELTER FRAME IS NOT UL LISTED TO ACT AS A CONDUIT FOR ELECTRICAL WIRING. CONSULT LOCAL BUILDING CODES WHEN PLANNING YOUR ELECTRICAL SYSTEM.

PRELIMINARY: NOT FOR CONSTRUCTION

STEPS:
1. CONDUIT HOLE SIZE (DETAIL A)
2. ELECTRICAL EXIT HOLES (DETAIL B)
3. ELECTRICAL ACCESS & COVER PLATES (DETAIL C)
4. ELECTRICAL CONDUIT PATHWAY (DETAIL D)

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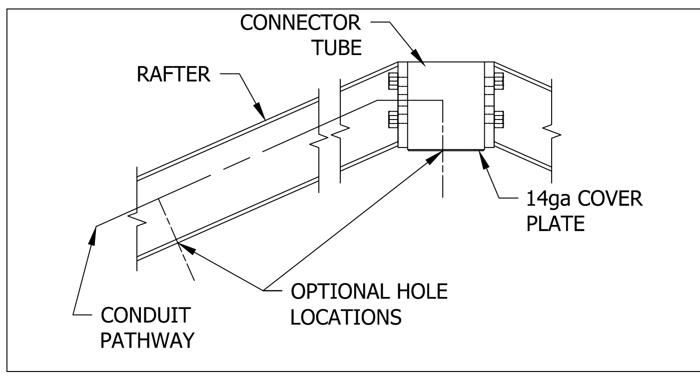
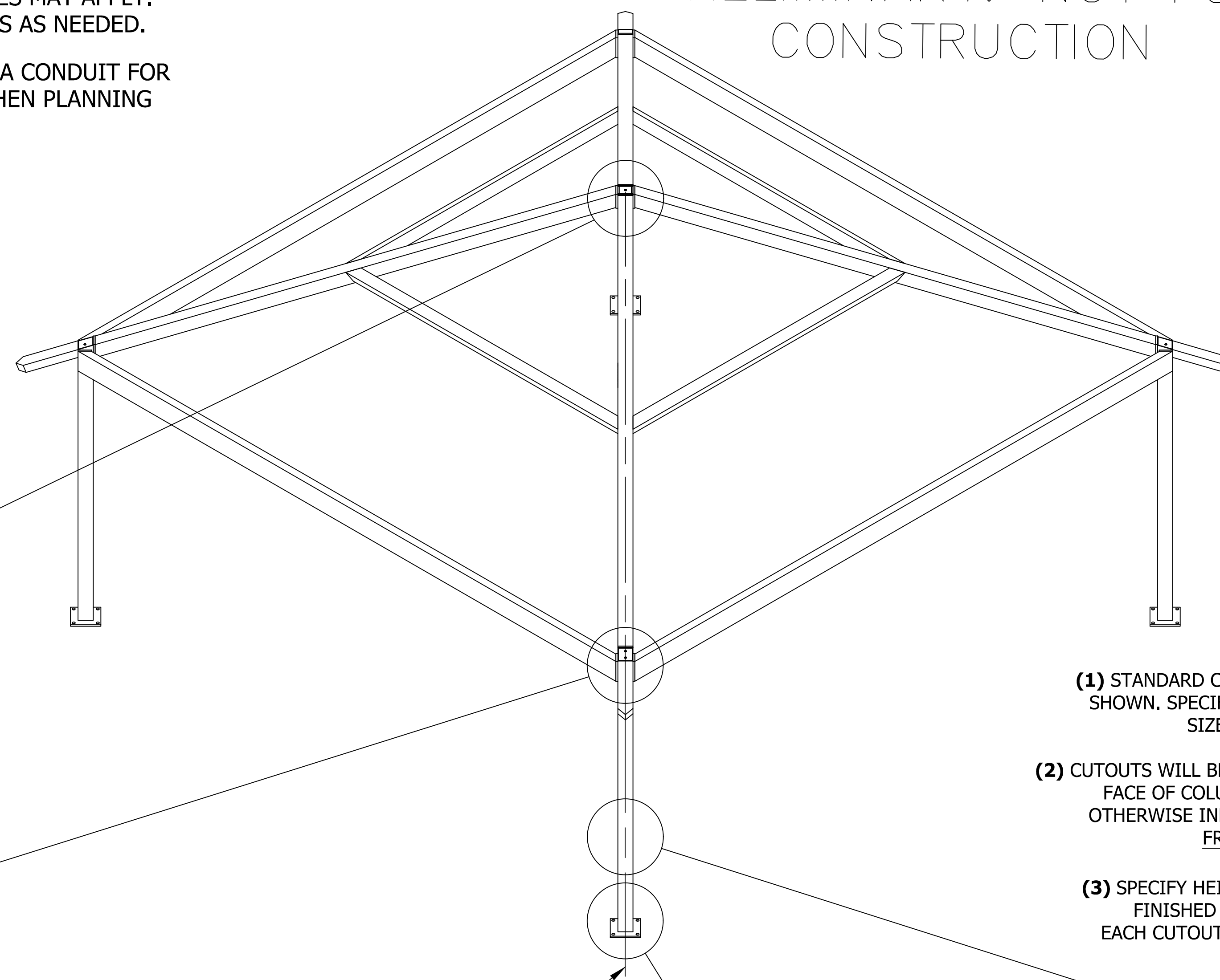
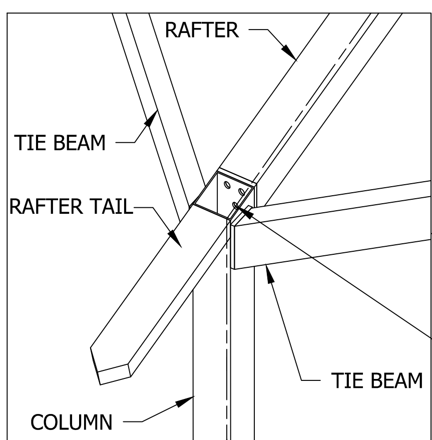
OPTIONAL EXIT HOLES

IF REQUIRED, EXIT HOLES FOR LIGHTING, ETC. CAN BE PLACED IN THE RAFTER AND/OR CONNECTOR TUBE WITH 14ga COVER PLATE AS SHOWN (CHARGES APPLY)
USE FRAME SHEET OF THIS PRELIMINARY TO SPECIFY REQUIRED EXIT HOLE LOCATIONS AND SIZE.



DETAIL B



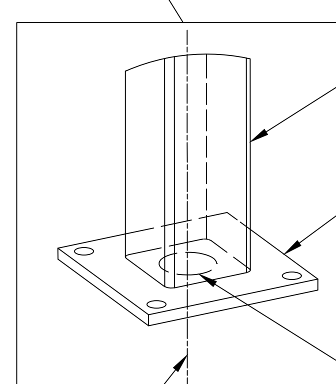


DETAIL A

ICON PROVIDES A MINIMUM OF (1) 3/4" HOLE AT
EACH CONNECTION FOR 1/2" CONDUIT.
IF APPLICABLE, PLEASE SPECIFY REQUIRED CONDUIT SIZE: (CHARGES APPLY)

- ☐ 3/4" CONDUIT (1" HOLES)
- ☐ 1" CONDUIT (1 1/4" HOLES)
- ☐ OTHER (PLEASE SPECIFY

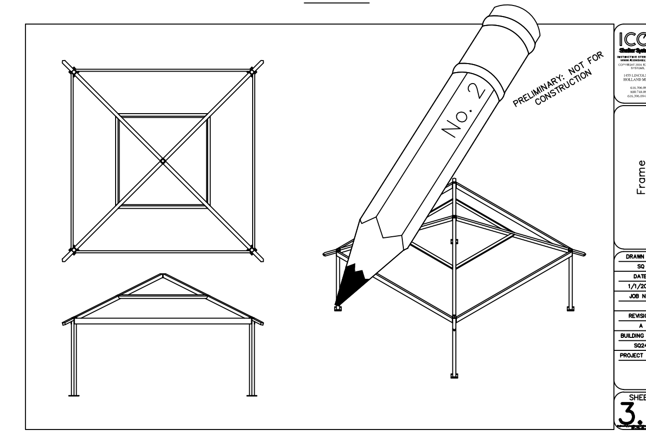
____



BASE DETAIL

NOTE: BUILDING DEPICTED ON THIS SHEET FOR ILLUSTRATION PURPOSES ONLY. ACTUAL LAYOUT AND FRAME MEMBER QUANTITIES VARY BY DESIGN. PLEASE REFER TO ELEVATION AND FRAME SHEETS IN THIS PRELIMINARY FOR ORDER-SPECIFIC CONFIGURATION.

IF REQUIRED, PLEASE DRAW THE NECESSARY ELECTRICAL CONDUIT PATHWAY ON THE FRAME SHEET OF THIS PRELIMINARY.



DETAIL D

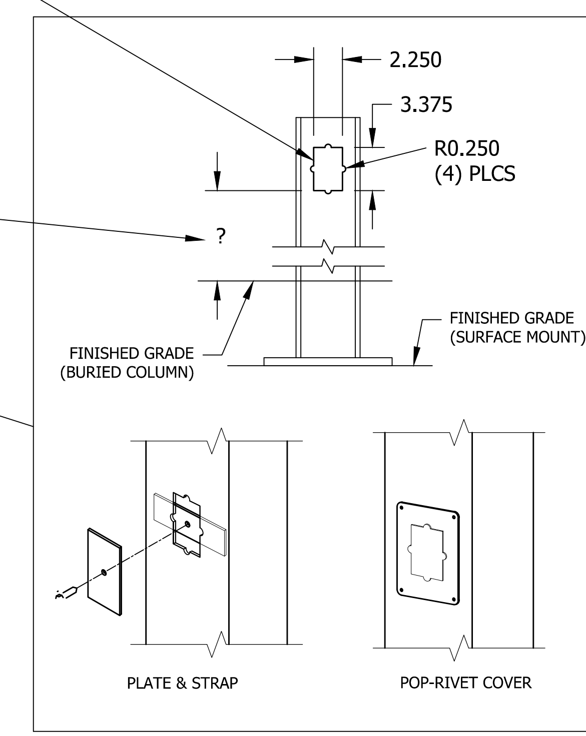
OPTIONAL CUTOUTS

USE FRAME SHEET OF THIS PRELIMINARY TO SPECIFY REQUIRED CUTOUT LOCATIONS (CHARGES APPLY)
SEE REQUIRED INFO BELOW

(1) STANDARD CUTOUT SIZE SHOWN. SPECIFY IF OTHER SIZE REQUIRED.

(2) CUTOUTS WILL BE ON INSIDE FACE OF COLUMN UNLESS OTHERWISE INDICATED ON FRAME SHEET.

(3) SPECIFY HEIGHT ABOVE FINISHED GRADE FOR EACH CUTOUT AS SHOWN



DETAIL C

(4) COVER PLATES PROVIDED UPON REQUEST (CHARGES APPLY)
PLEASE SPECIFY TYPE AND QUANTITY REQUIRED:

- ☐ PLATE & STRAP
- ☐ POP-RIVET COVER PLATE

HOW MANY REQUIRED?________

Electrical

DRAWN BY:	RGB
DATE:	1/24/2025
PRELIMINARY ID:	96194
REVISION:	A
BUILDING TYPE:	TH12X12-26M
PROJECT NAME:	

SHEET
5.0

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QF-73-01-42

DWG: TH\12X12\M-P6-25-90-17\Drawings\Preliminary\TH12-26M-P6-25-90-17~96194.DWG