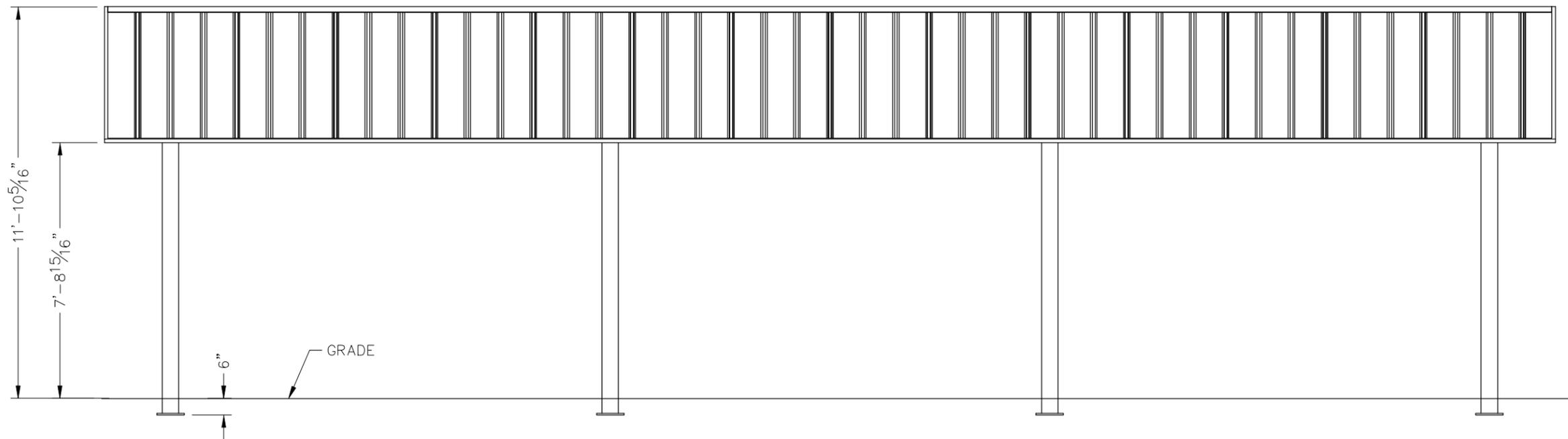
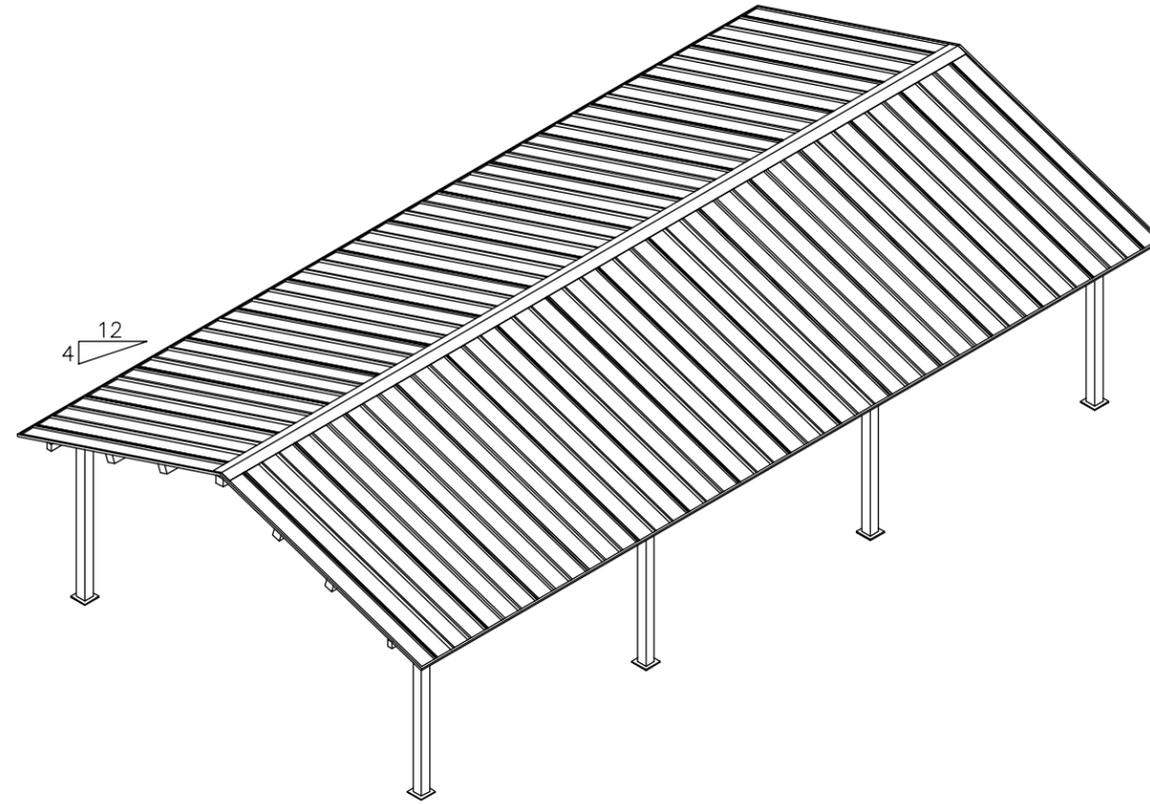


PRELIMINARY: NOT FOR  
CONSTRUCTION



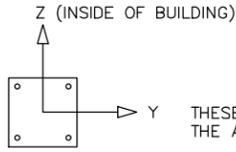
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HOLLAND MI, 49423  
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616.396.0944 FX

Elevation

DRAWN BY:	RGB
DATE:	8/6/19
JOB NO.:	60867
REVISION:	
BUILDING TYPE:	RG24X44M-P4
PROJECT NAME:	50-90-30

SHEET  
1.0

DWG: Shelters\RG\24X44\M-P4-50-90-30\Drawings\Preliminary\RG24x44M-P4-50-90-30~60867.dwg



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

- 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

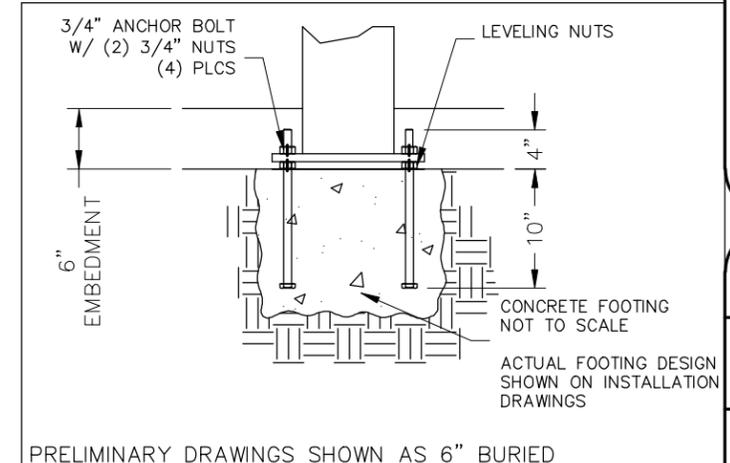
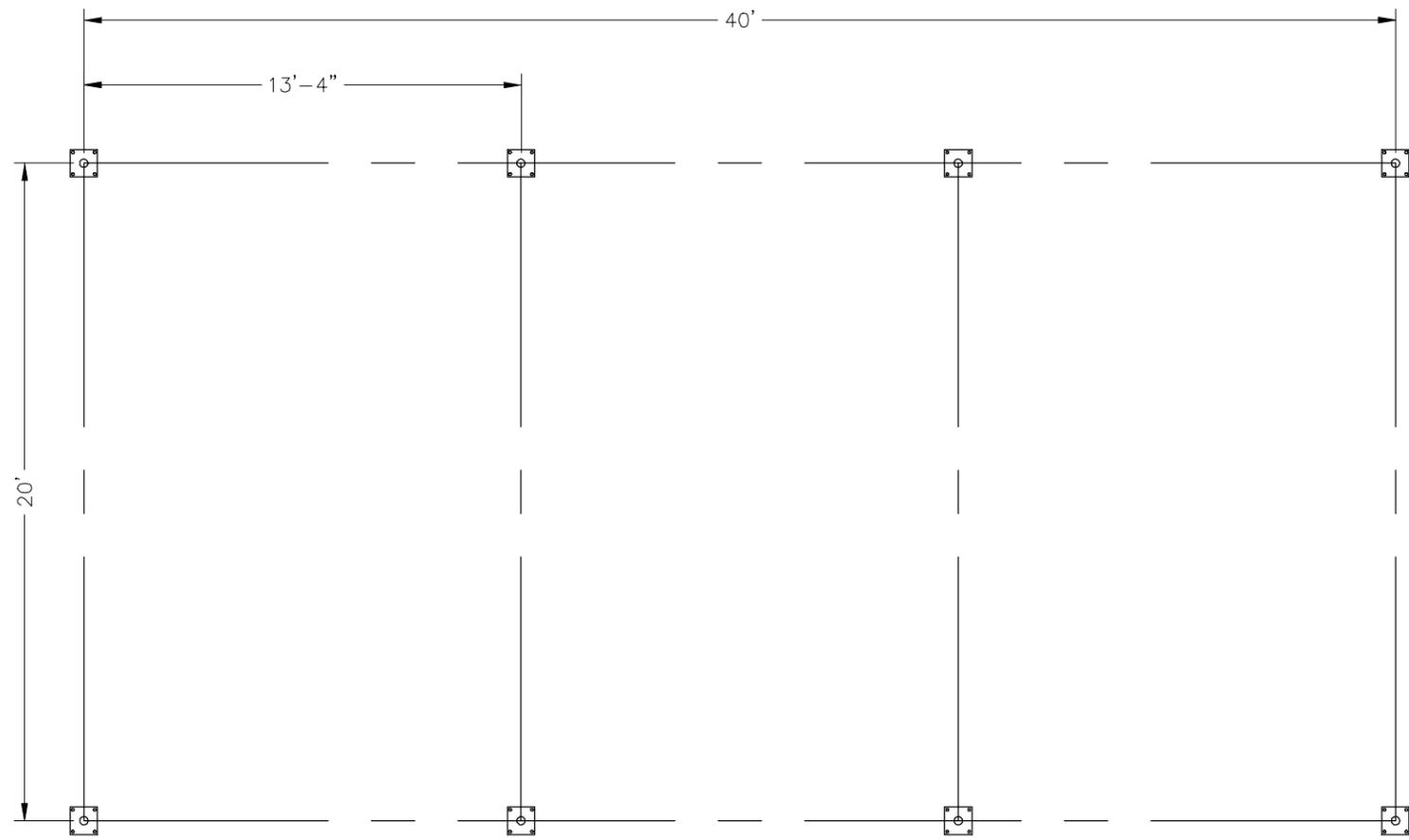
- DEFINITIONS:**
- DL = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AXIAL LOAD
  - SL = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AXIAL LOAD
  - W-UL = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST UPLIFT LOAD
  - W-Y = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST MAGNITUDE 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

LOADS TO FOUNDATION (KIPS, IN-KIPS)	FOUNDATION LOADS				
	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	1.14	0.00	0.39	-17.75	0.01
SL	7.06	0.00	2.46	-113.40	0.20
W-UPLIFT	-1.72	0.28	-0.54	24.26	21.95
W-FY	1.21	-0.30	0.39	-17.54	-22.58
W-FZ	0.34	0.00	0.74	-48.30	0.00
E-FY	-0.02	-0.75	-0.01	0.38	-58.17
E-Z	-0.35	0.00	-0.79	55.02	0.04

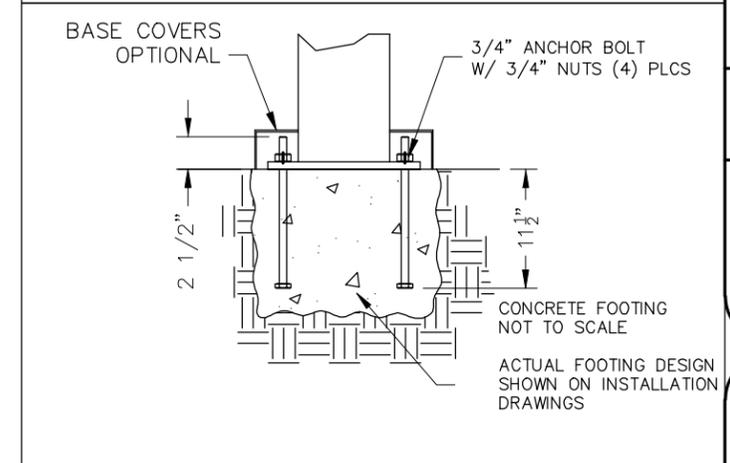
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Anchor Bolt Layout



PRELIMINARY DRAWINGS SHOWN AS 6" BURIED  
STANDARD BASE CONNECTION  
COLUMN TYPE: A (6" BURIED)



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

DRAWN BY: RGB

DATE: 8/6/19

JOB NO.: 60867

REVISION:

BUILDING TYPE: RG24X44M-P4

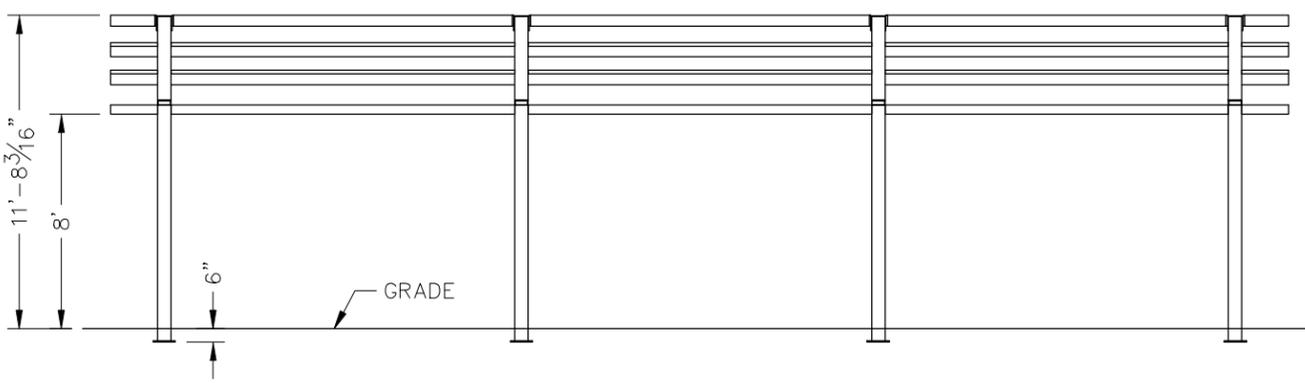
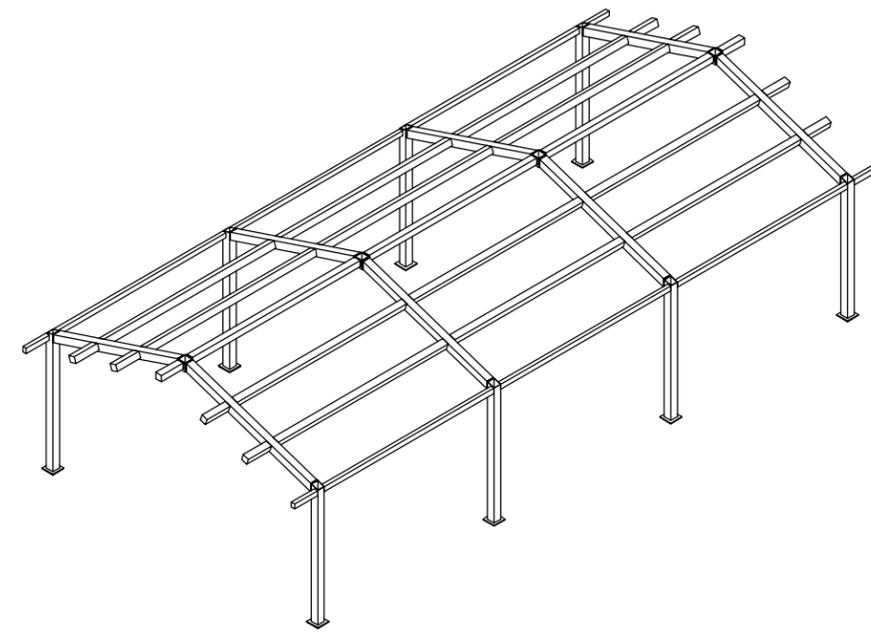
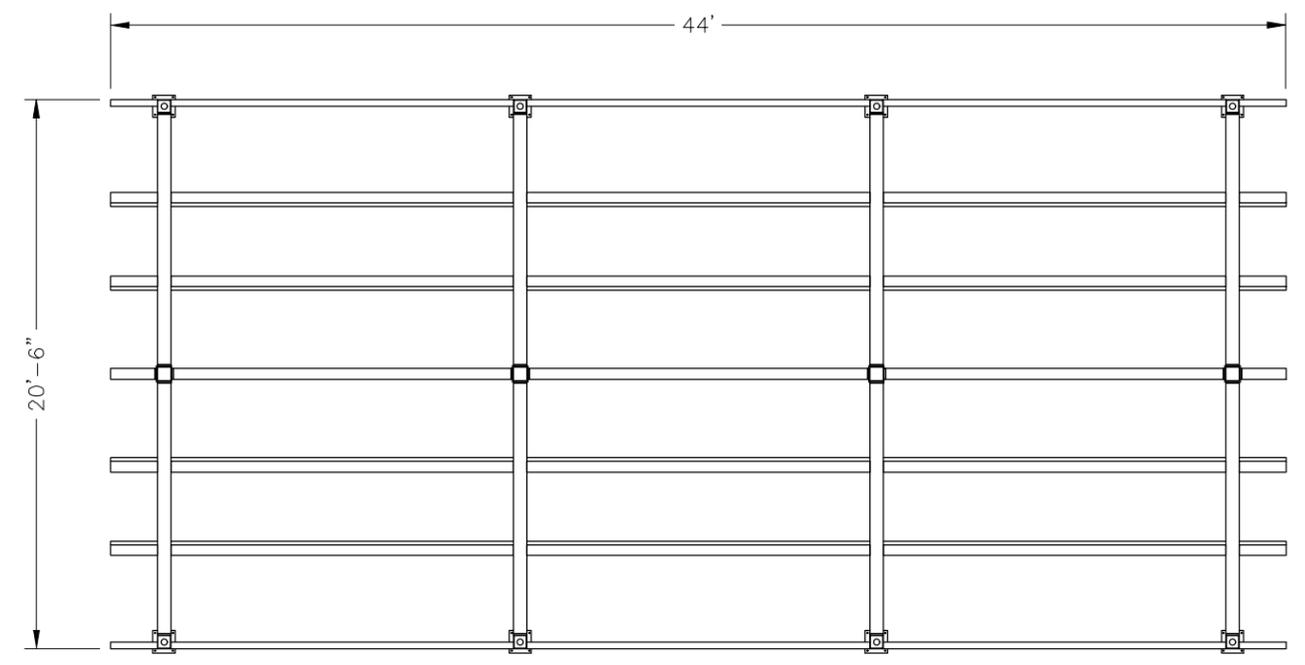
PROJECT NAME: 50-90-30

SHEET  
**2.0**

DWG: Shelters \RG\24X44\M-P4-50-90-30\Drawings\Preliminary\RG24x44M-P4-50-90-30~60867.dwg

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Frame

DRAWN BY:	RGB
DATE:	8/6/19
JOB NO.:	60867
REVISION:	
BUILDING TYPE:	RG24X44M-P4
PROJECT NAME:	50-90-30

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

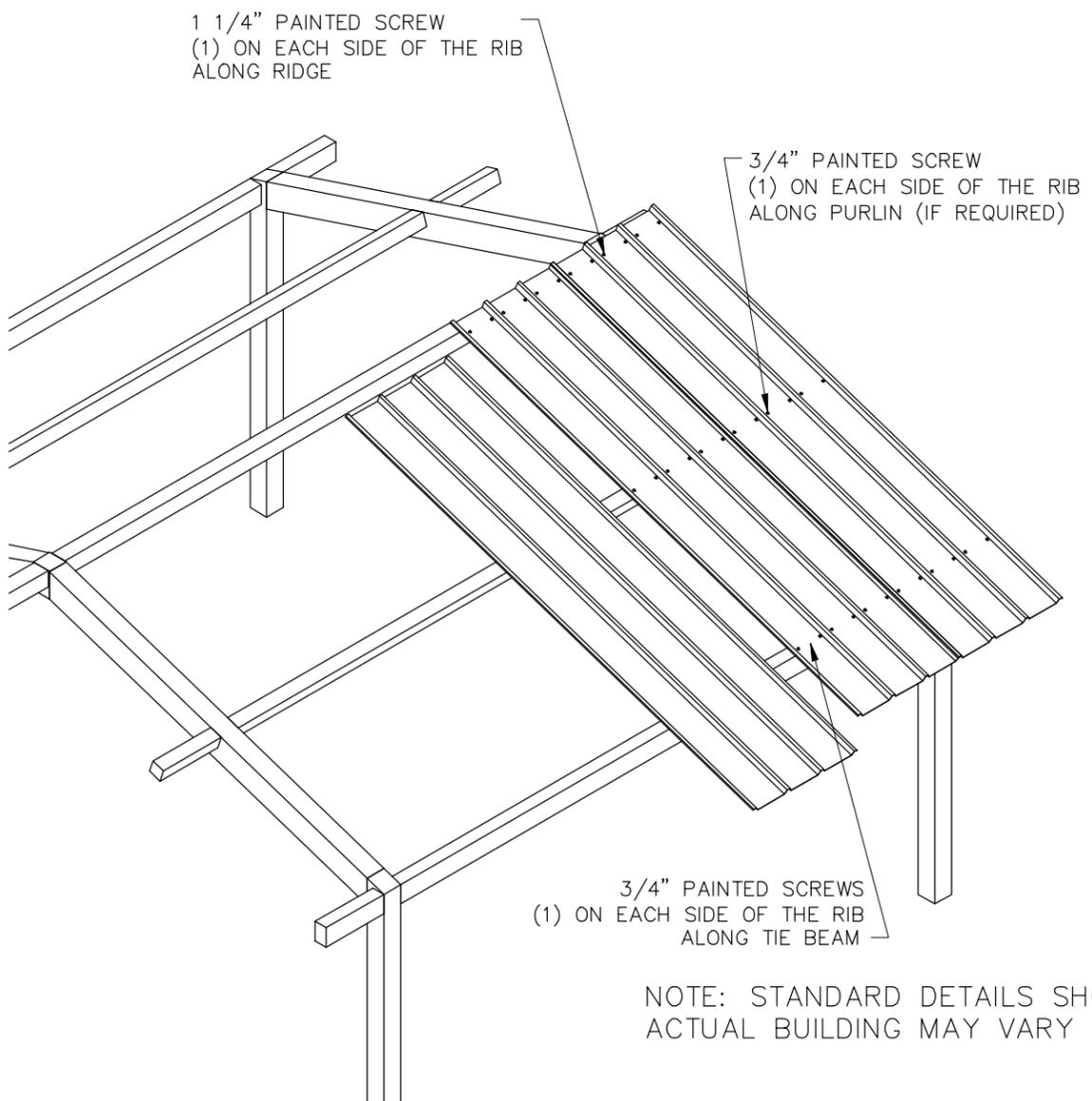
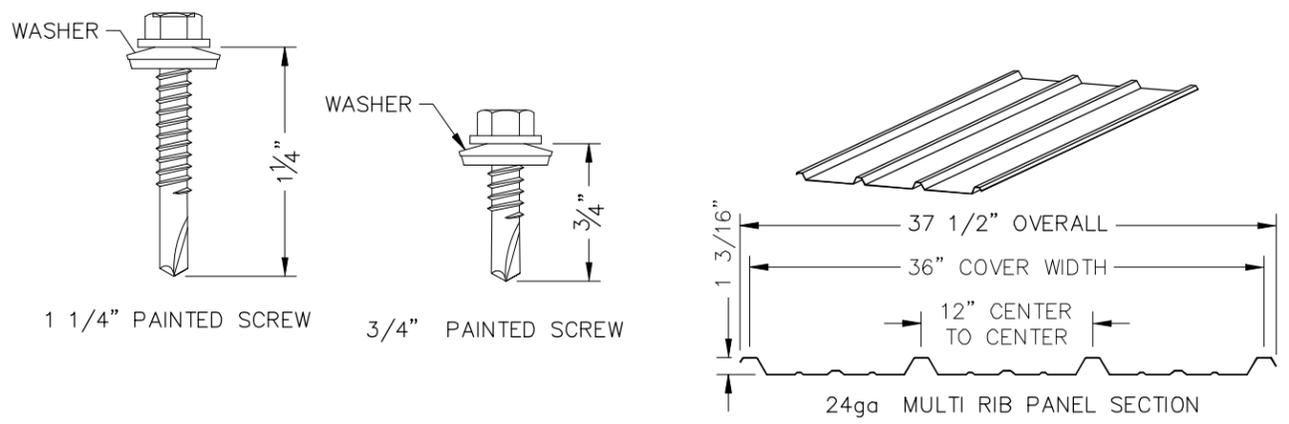
NOTE:  
 COLUMN SIZE: HSS 6x6x3/16

SHEET  
 3.0

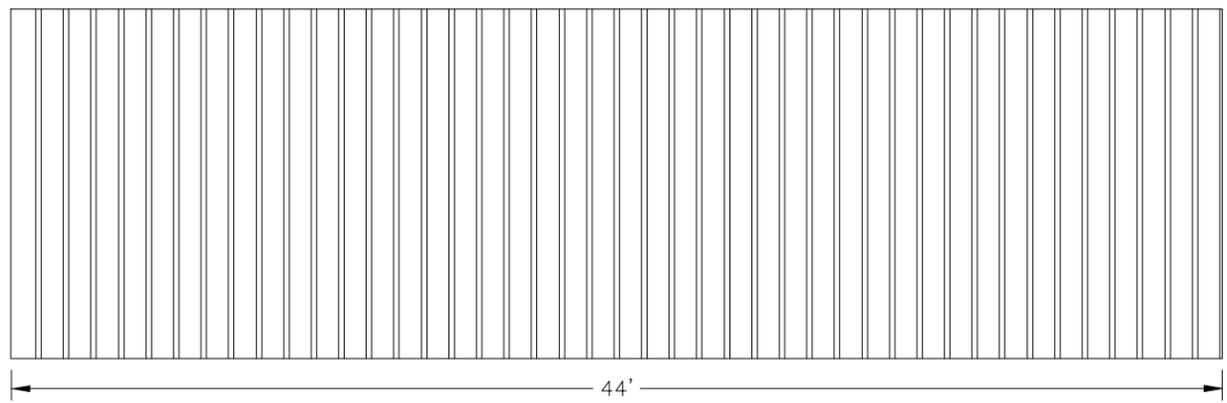
DWG: Shelters\RG\24X44\M-P4-50-90-30\Drawings\Preliminary\RG24x44M-P4-50-90-30~60867.dwg

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 616.396.0944 FX



NOTE: STANDARD DETAILS SHOWN  
 ACTUAL BUILDING MAY VARY



Roof Layout

DRAWN BY:	RGB
DATE:	8/6/19
JOB NO.:	60867
REVISION:	
BUILDING TYPE:	RG24X44M-P4
PROJECT NAME:	50-90-30

DWG: Shelters \RG\24X44\M-P4-50-90-30\Drawings\Preliminary\RG24x44M-P4-50-90-30~60867.dwg