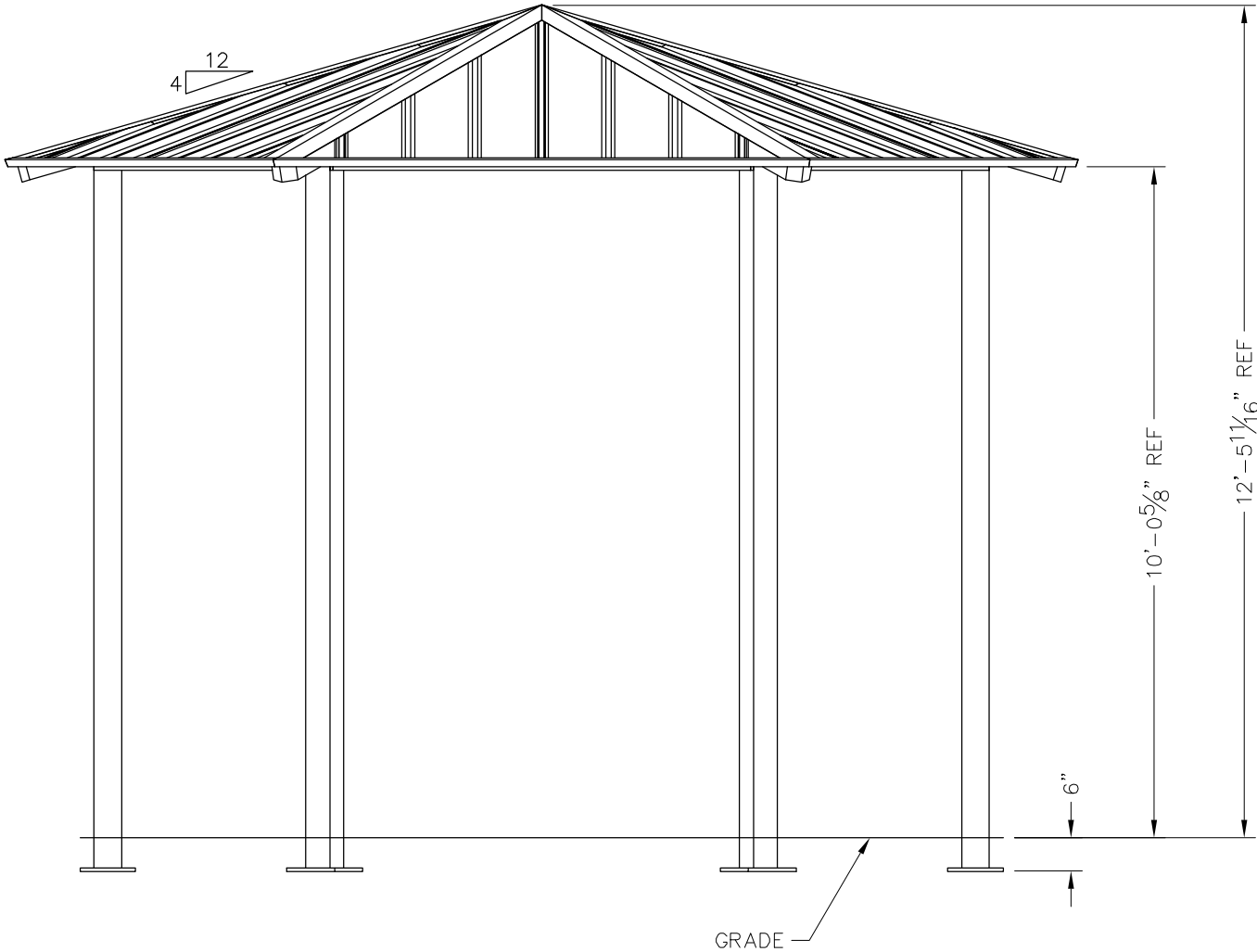


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616.396.0944 FX

Elevation

DRAWN BY:
LB

DATE:
5/19/14

JOB NO.:
STANDARD

REVISION:

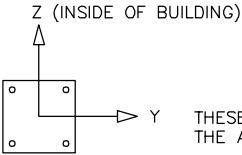
BUILDING TYPE:
HX16M-P4

PROJECT NAME:
-43-120-30
10' UTB

SHEET
1.0

Engineering\AcadStandard\Blocks\Titles\CONPRET8
QF-73-01-42

DWG: \\Icon01\Company\Engineering\Standards\Selters\HX\16\M-P4-43-120-30\Drawings\Preliminary\HX16-10M-P4-43-120-30~27941.DWG



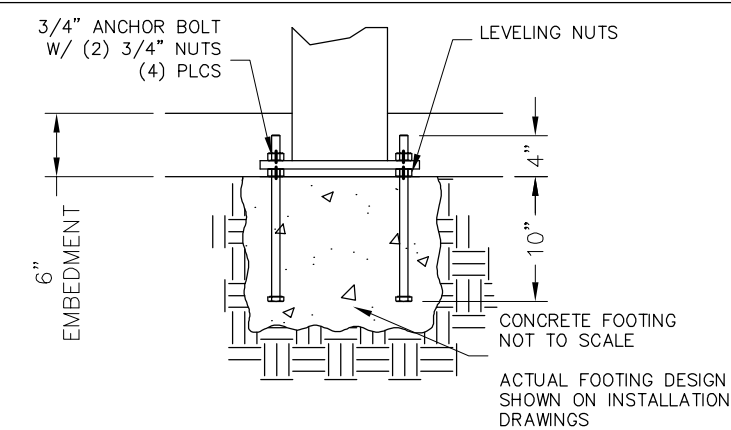
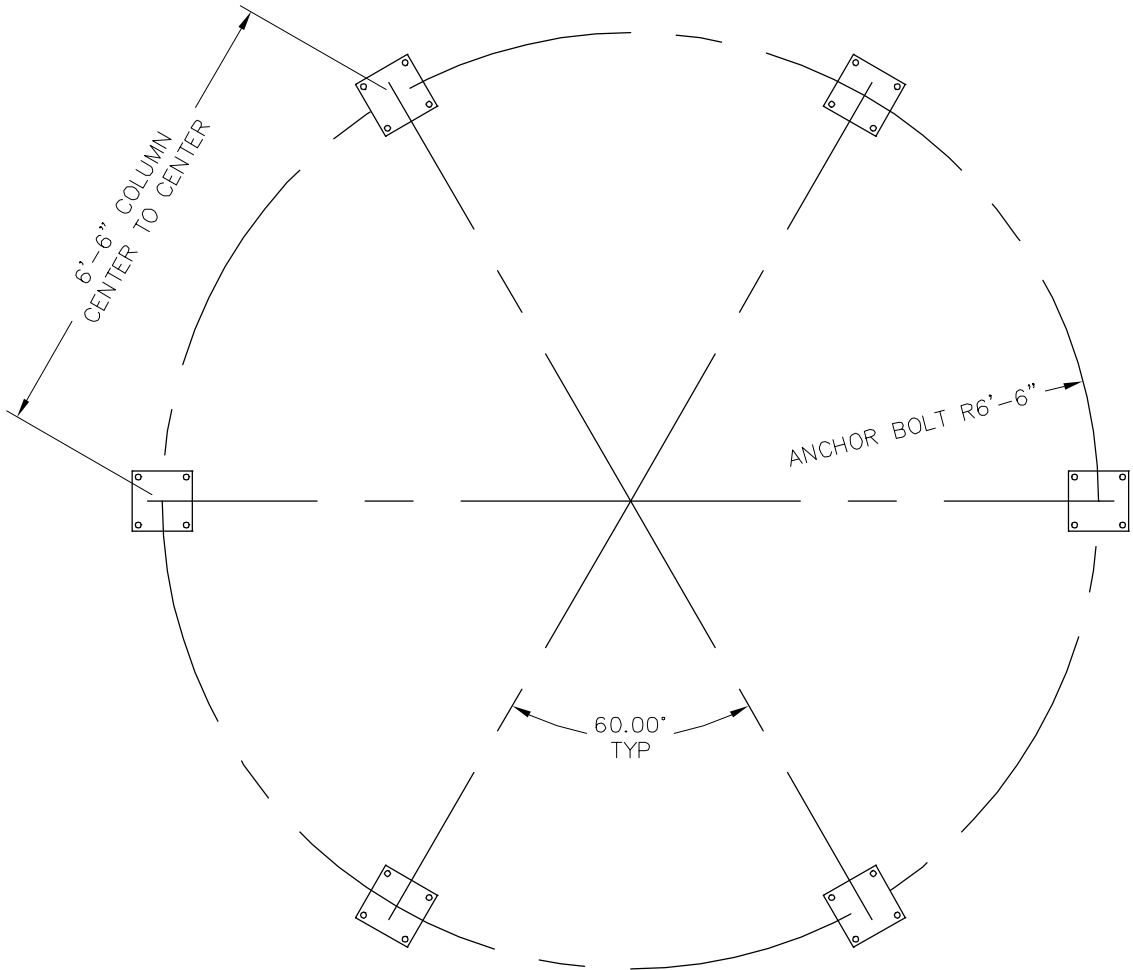
THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY.
THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING

LOADS TO FOUNDATION (KIPS, IN-KIPS)	FOUNDATION LOADS					CL1
	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)	
DL	0.35	0.00	0.01	-0.38	0.00	
SL	1.13	0.00	0.04	-1.91	0.00	
W-UPLIFT	-0.61	0.05	-0.11	7.27	3.73	
W-FY	-0.51	-0.09	-0.02	0.86	-7.44	
W-FZ	-0.61	-0.05	-0.11	7.27	-3.73	
E-FY	0.00	-0.07	0.00	0.00	-5.32	
E-Z	-0.11	0.00	-0.07	5.28	0.00	

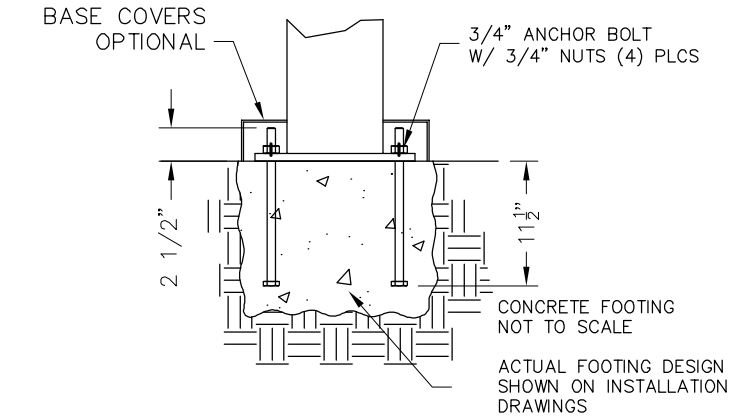
- NOTES:
- TABLE SHOWS UNFACTORED SERVICE LOADS
 - A FOUNDATION DESIGN HAS NOT BEEN PERFORMED BY ICON SHELTER SYSTEMS INC.
 - A LICENSED ENGINEER FAMILIAR WITH SOIL CONDITIONS AT CONSTRUCTION SITE MUST PERFORM A FOUNDATION DESIGN.
 - THE STRUCTURE HAS BEEN ENGINEERED AS AN OPEN STRUCTURE.
 - CONSULT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

LB

DATE:

5/19/14

JOB NO.:

STANDARD

REVISION:

BUILDING TYPE:

HX16M-P4

PROJECT NAME:

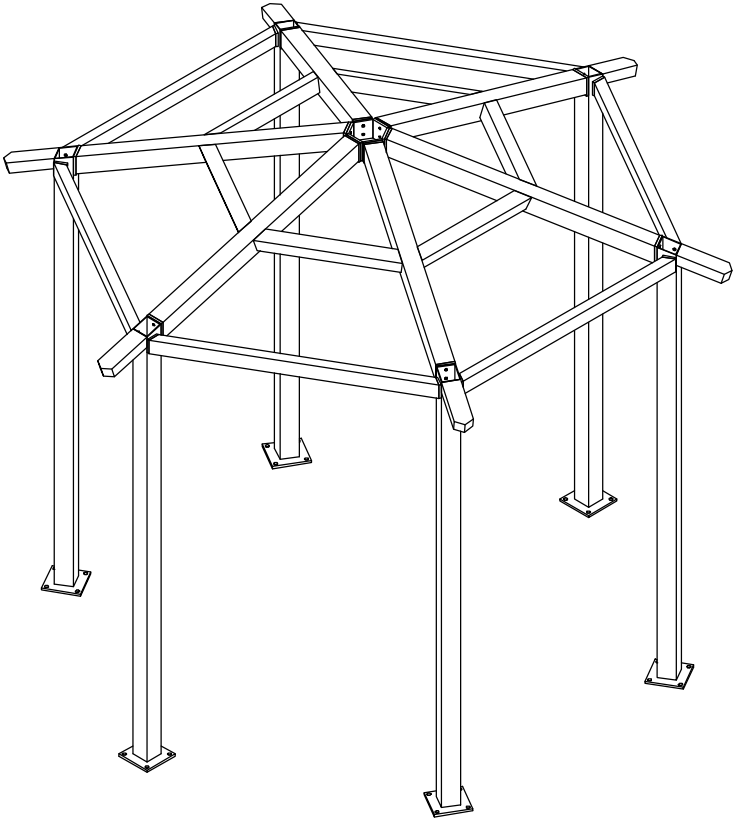
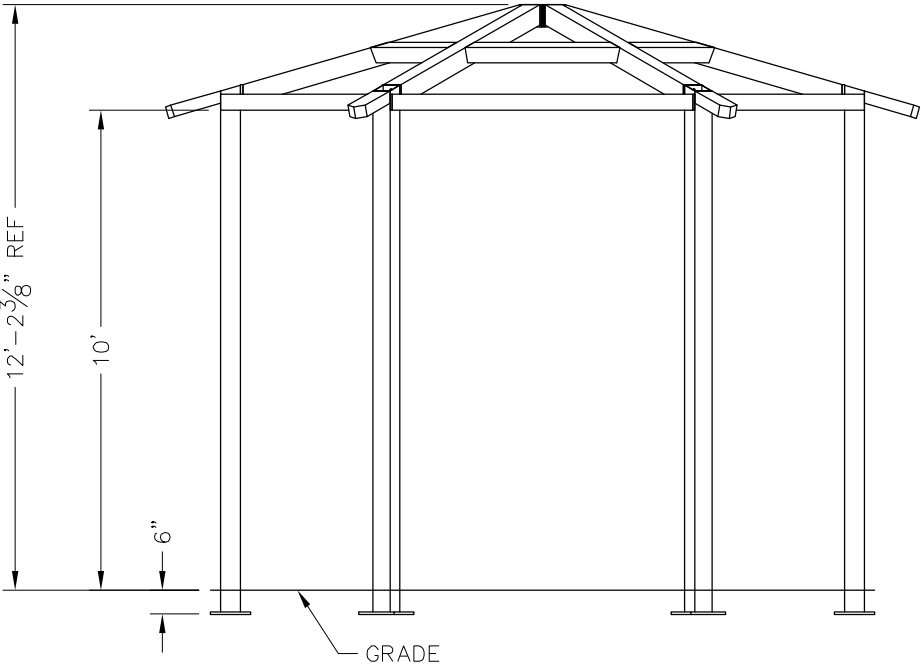
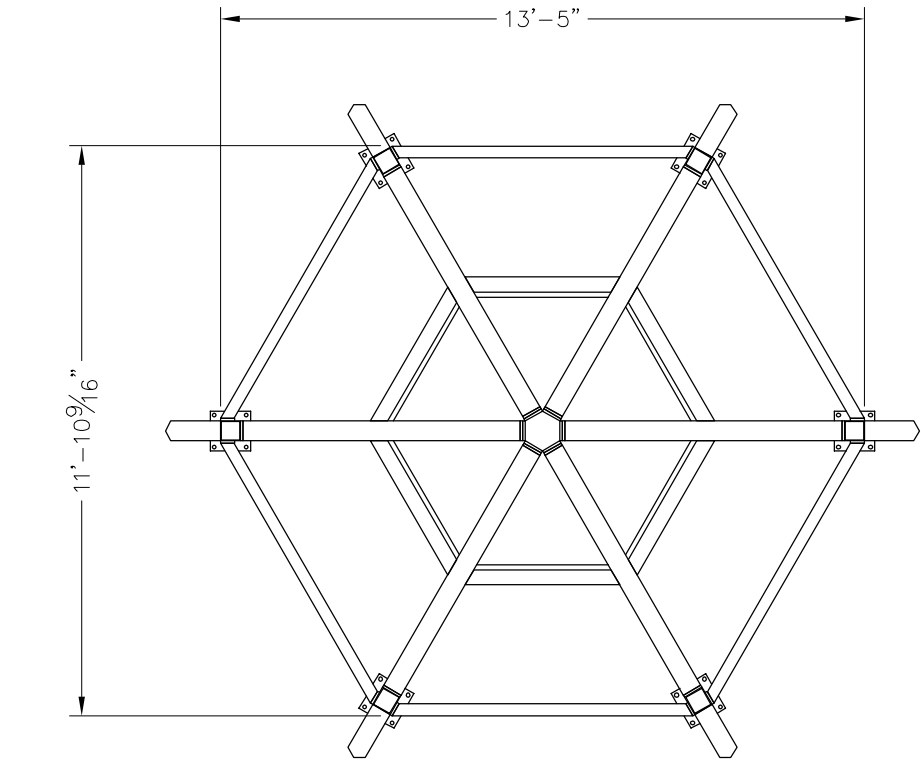
-43-120-30
10' UTB

SHEET

2.0

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QF-73-01-42

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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 5x5x3/16

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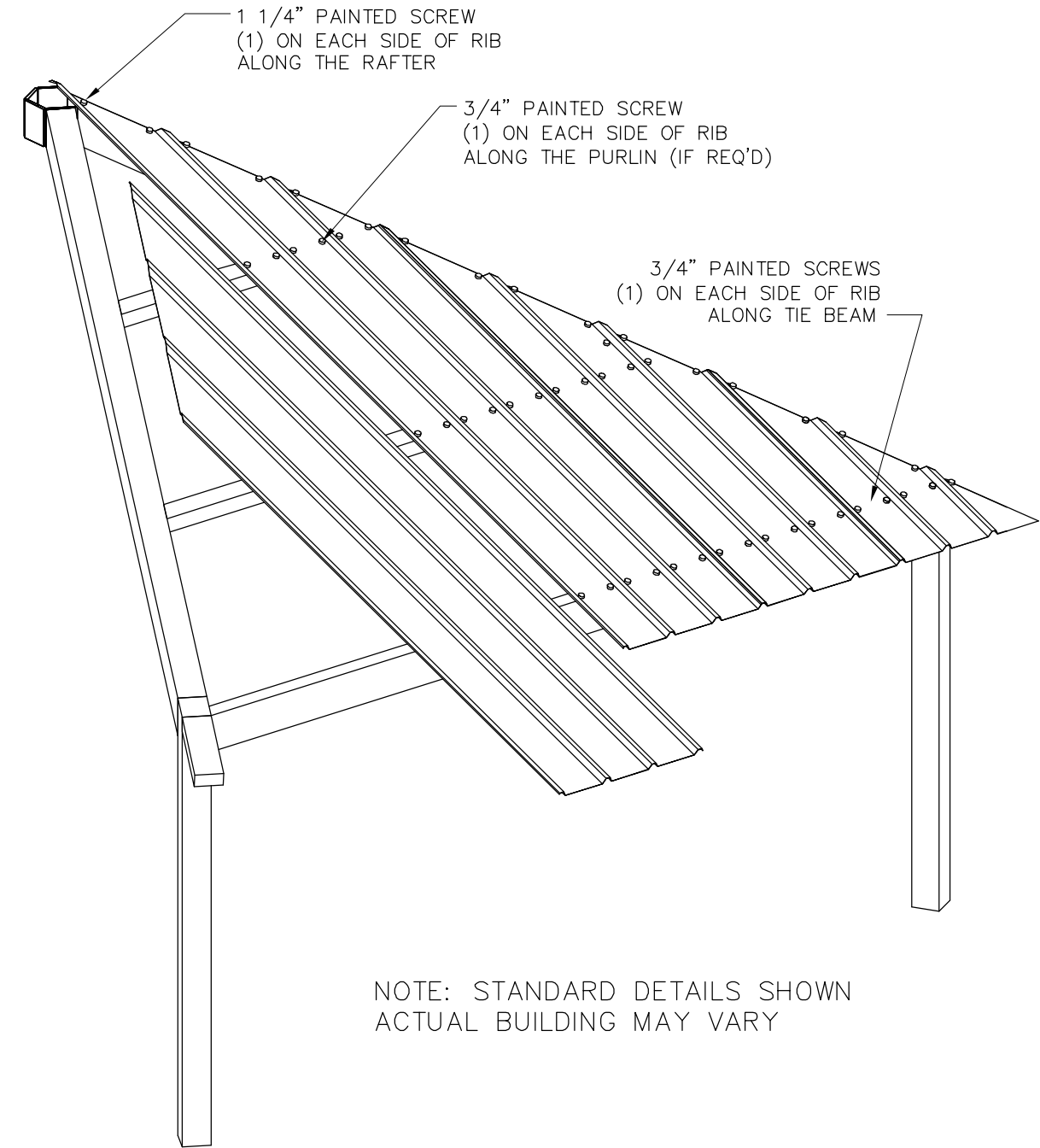
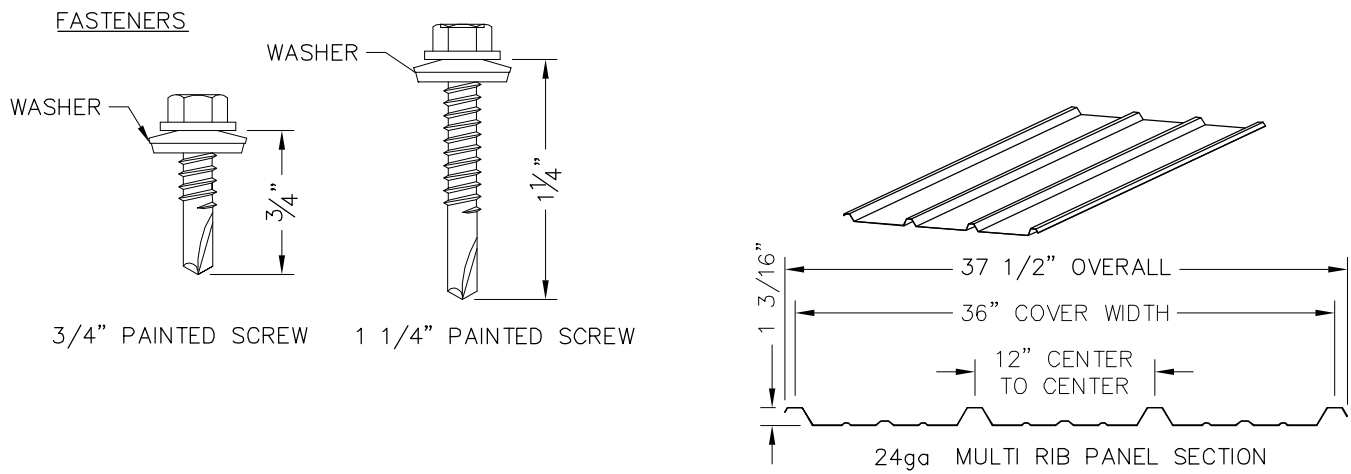
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Frame

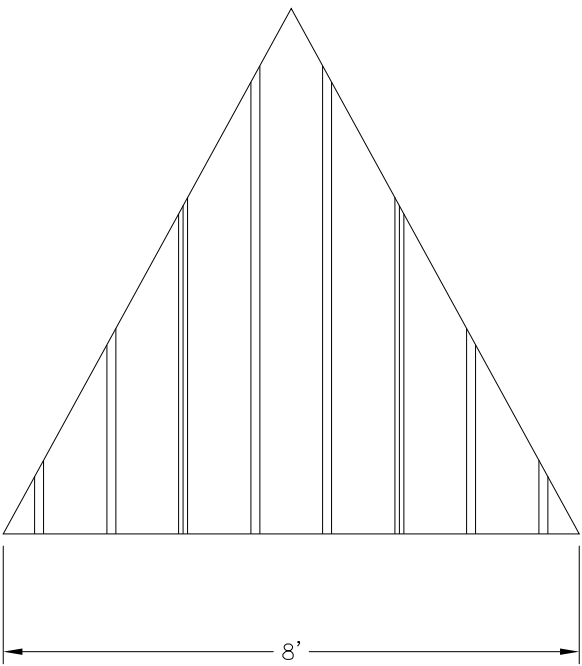
DRAWN BY:
LB
DATE:
5/19/14
JOB NO.:
STANDARD
REVISION:
BUILDING TYPE:
HX16M-P4
PROJECT NAME:
-43-120-30 10' UTB

SHEET
 3.0

DWG: \\Icon01\Company\Engineering\Standards\Shelters\HX\16\M-P4-43-120-30\Drawings\Preliminary\HX16-10M-P4-43-120-30~27941.DWG



NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY



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Roof Layout

DRAWN BY:	LB
DATE:	5/19/14
JOB NO.:	STANDARD
REVISION:	
BUILDING TYPE:	HX16M-P4
PROJECT NAME:	-43-120-30 10' UTB

SHEET
4.0

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