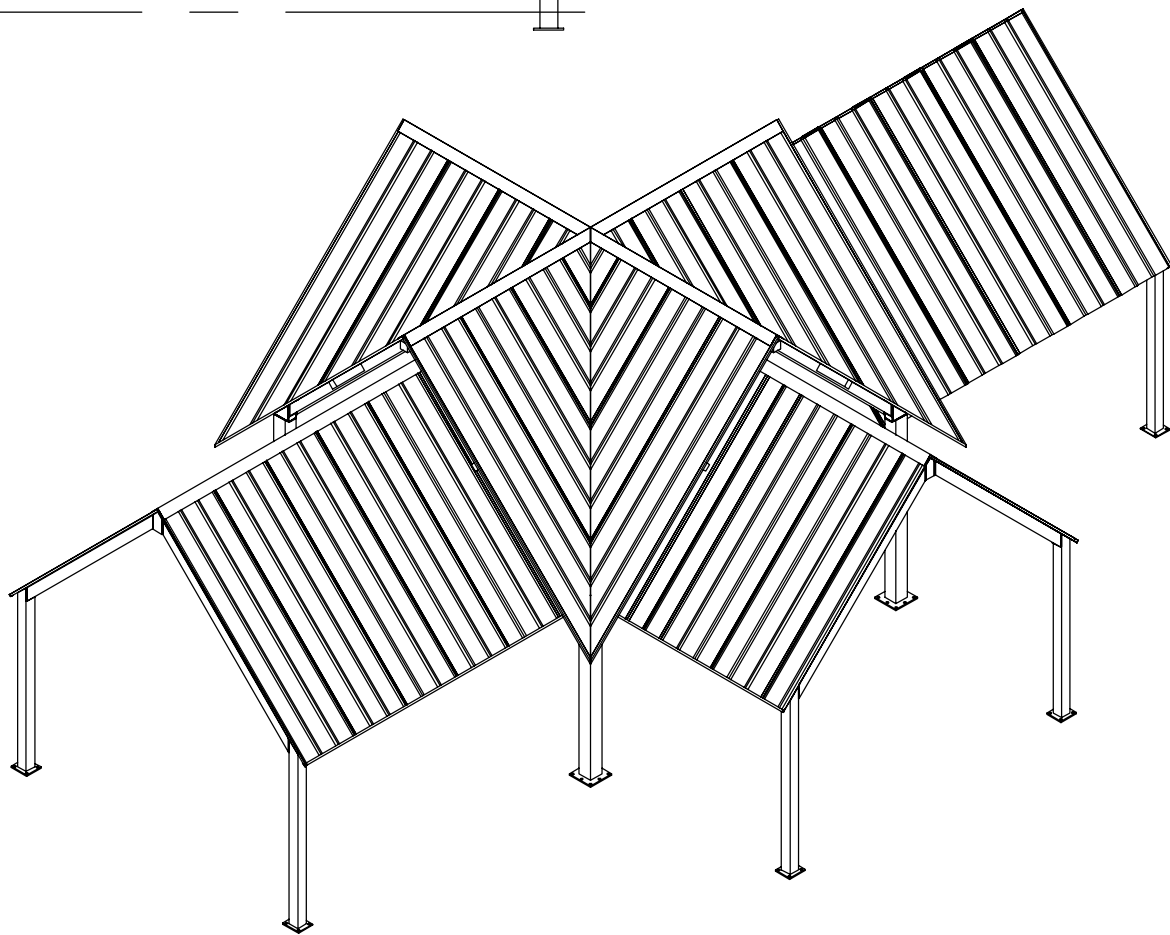
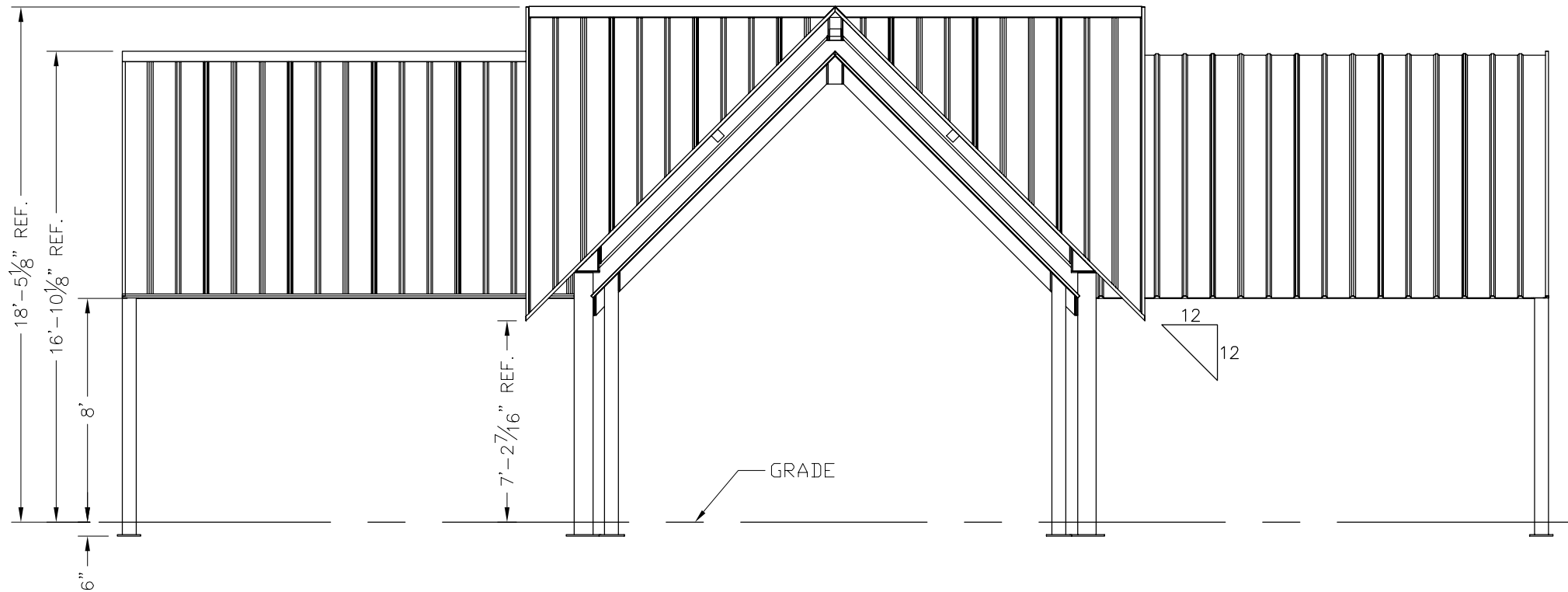




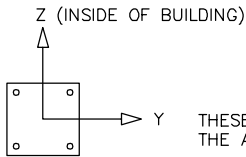
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Elevation

DRAWN BY:
ACP
DATE:
8/10/2015
JOB NO.:
STANDARD
REVISION:
BUILDING TYPE:
IN31X51M-P12
PROJECT NAME:

SHEET
1.0



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				
	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	2.33	0.38	0.42	-20.58	18.69
SL	4.32	0.81	0.99	-48.20	41.16
W-UPLIFT	-2.14	1.47	-0.33	9.50	109.20
W-FY	-2.14	1.47	-0.33	9.50	109.20
W-FZ	-2.09	-0.99	-0.65	33.18	-80.43
E-FY	0.33	-0.49	0.06	-3.78	-35.81
E-Z	0.29	0.05	0.44	-30.87	2.78

LOADS TO FOUNDATION (KIPS, IN-KIPS)	FOUNDATION LOADS				
	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (My)	MOMENT (Mz)
DL	0.64	-0.06	0.15	-7.34	-3.84
SL	1.28	-0.17	0.37	-18.59	-9.54
W-UPLIFT	-0.76	-0.03	-0.37	24.99	-0.73
W-FY	-0.71	0.44	-0.07	2.24	32.45
W-FZ	-0.36	0.03	-0.76	56.91	0.77
E-FY	0.05	-0.08	0.02	-0.91	-9.25
E-Z	-0.12	-0.01	-0.13	9.35	-0.84

- 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

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Anchor Bolt Layout

DRAWN BY:

ACP

DATE:

8/10/2015

JOB NO.:

STANDARD

REVISION:

BUILDING TYPE:

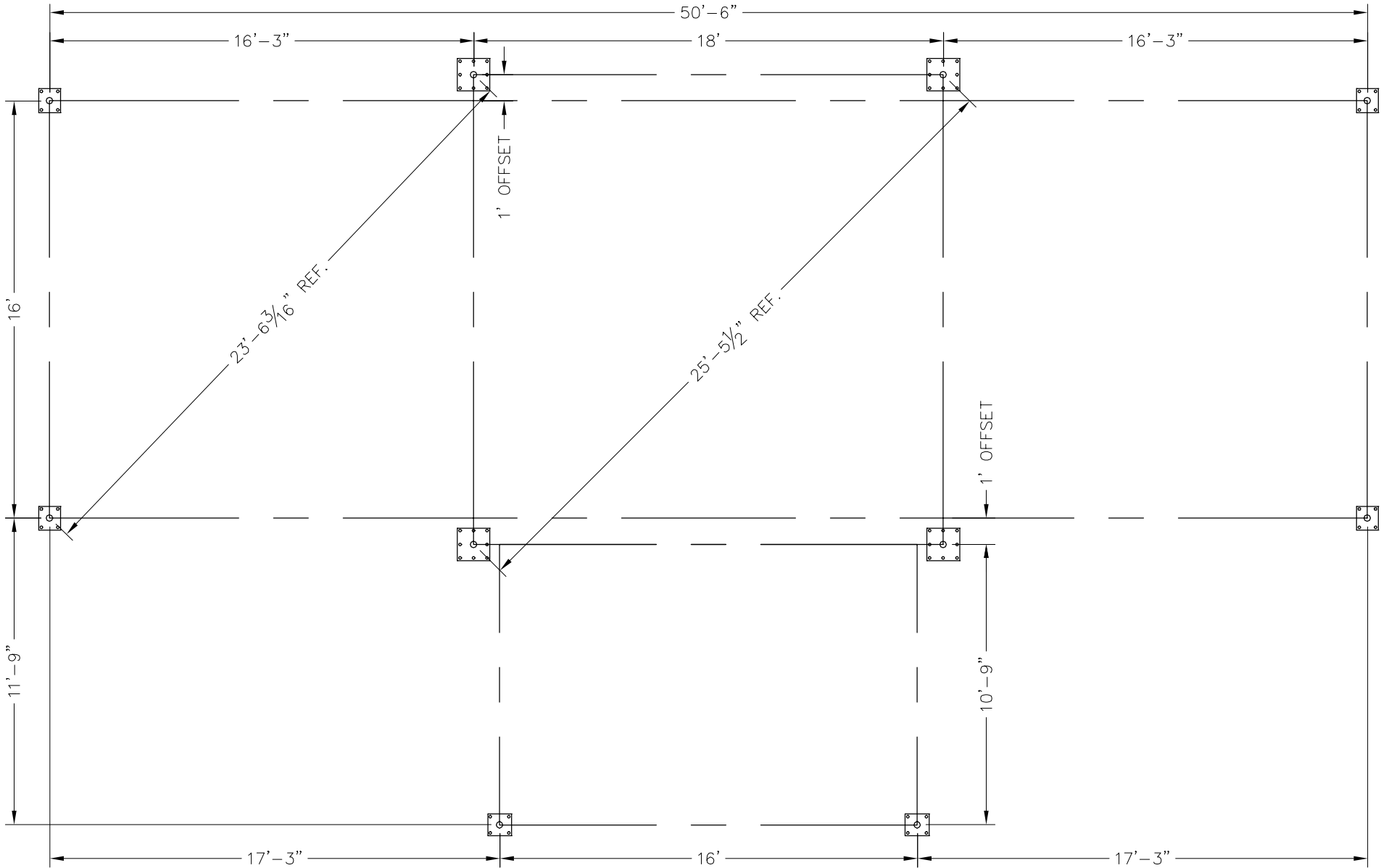
IN31X51M-P12

PROJECT NAME:

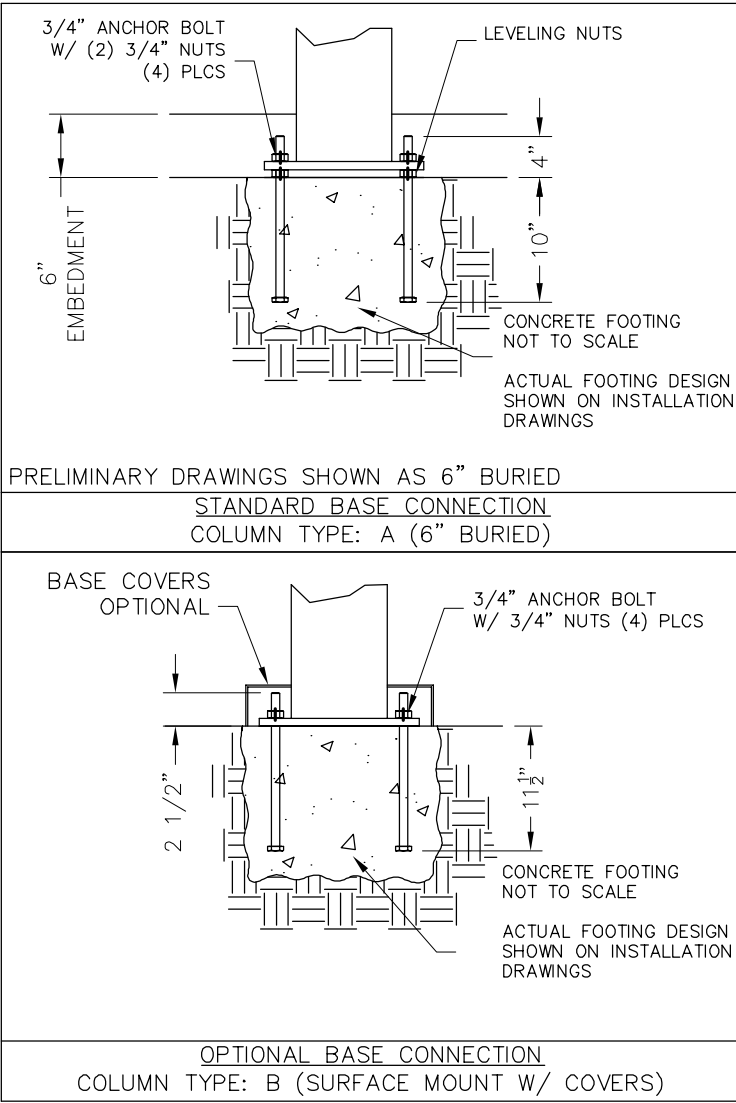
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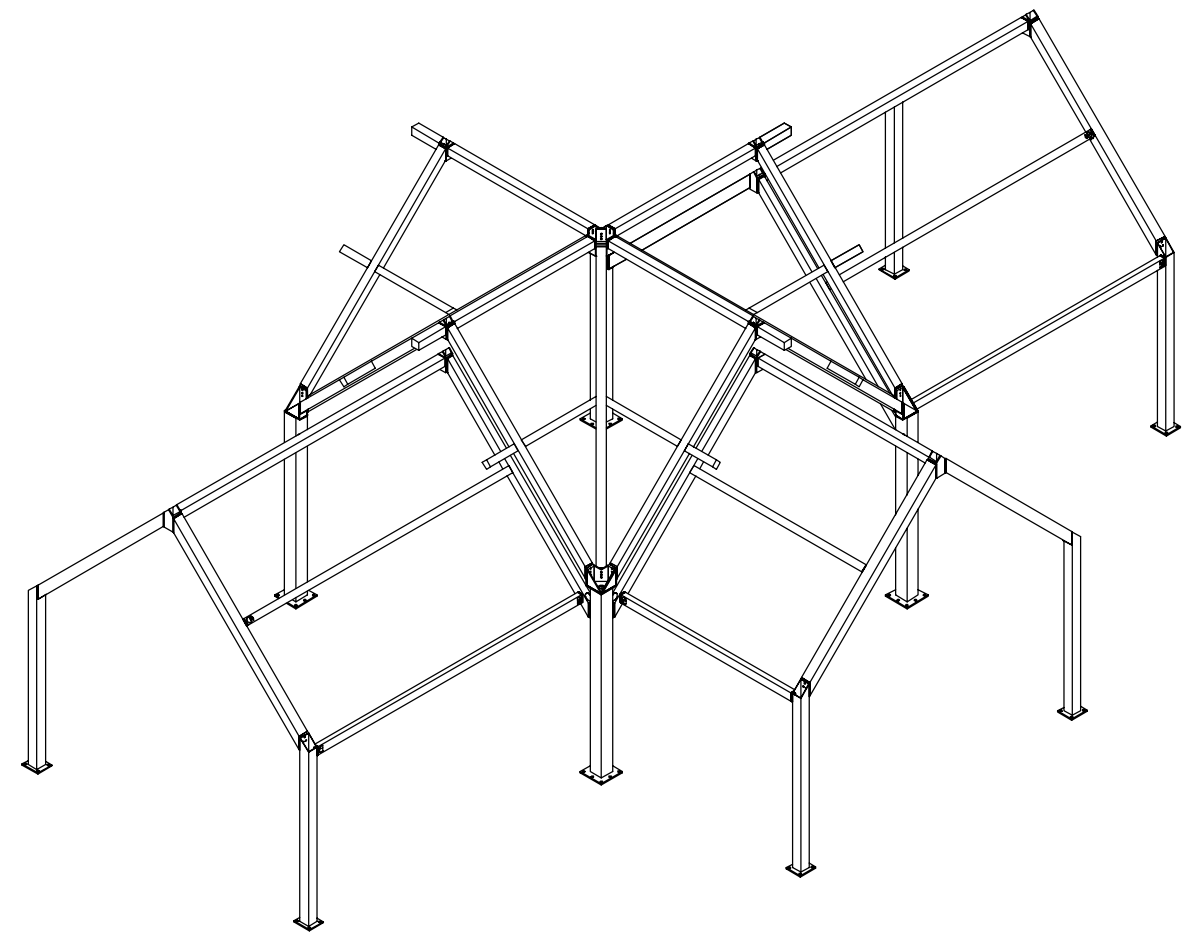
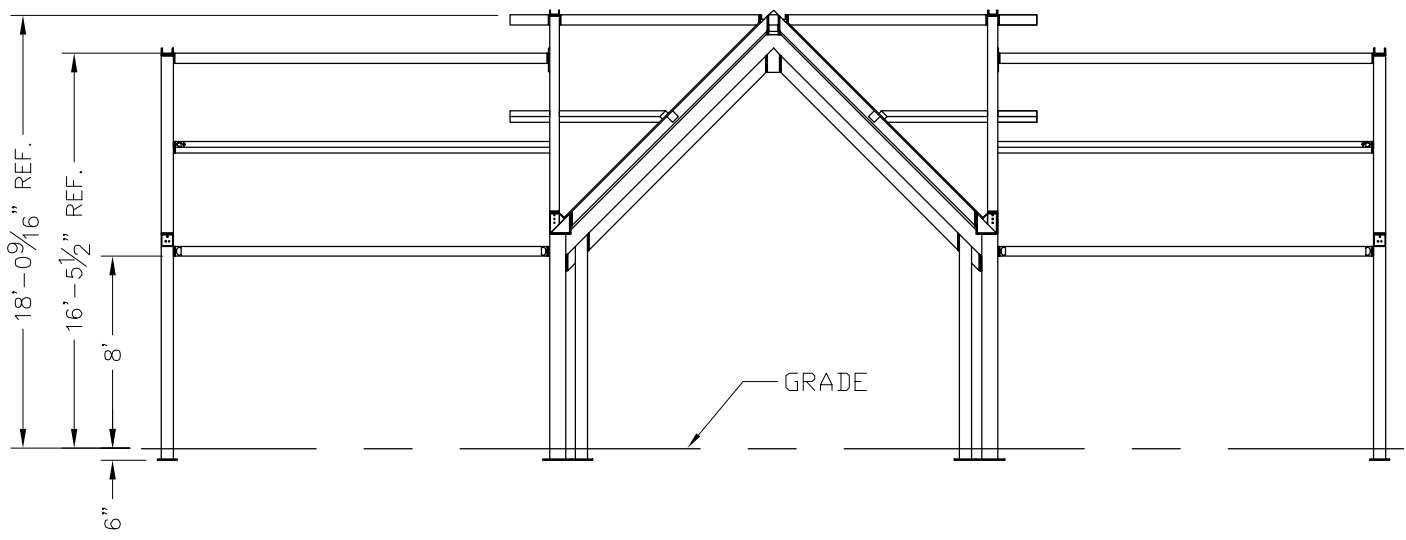
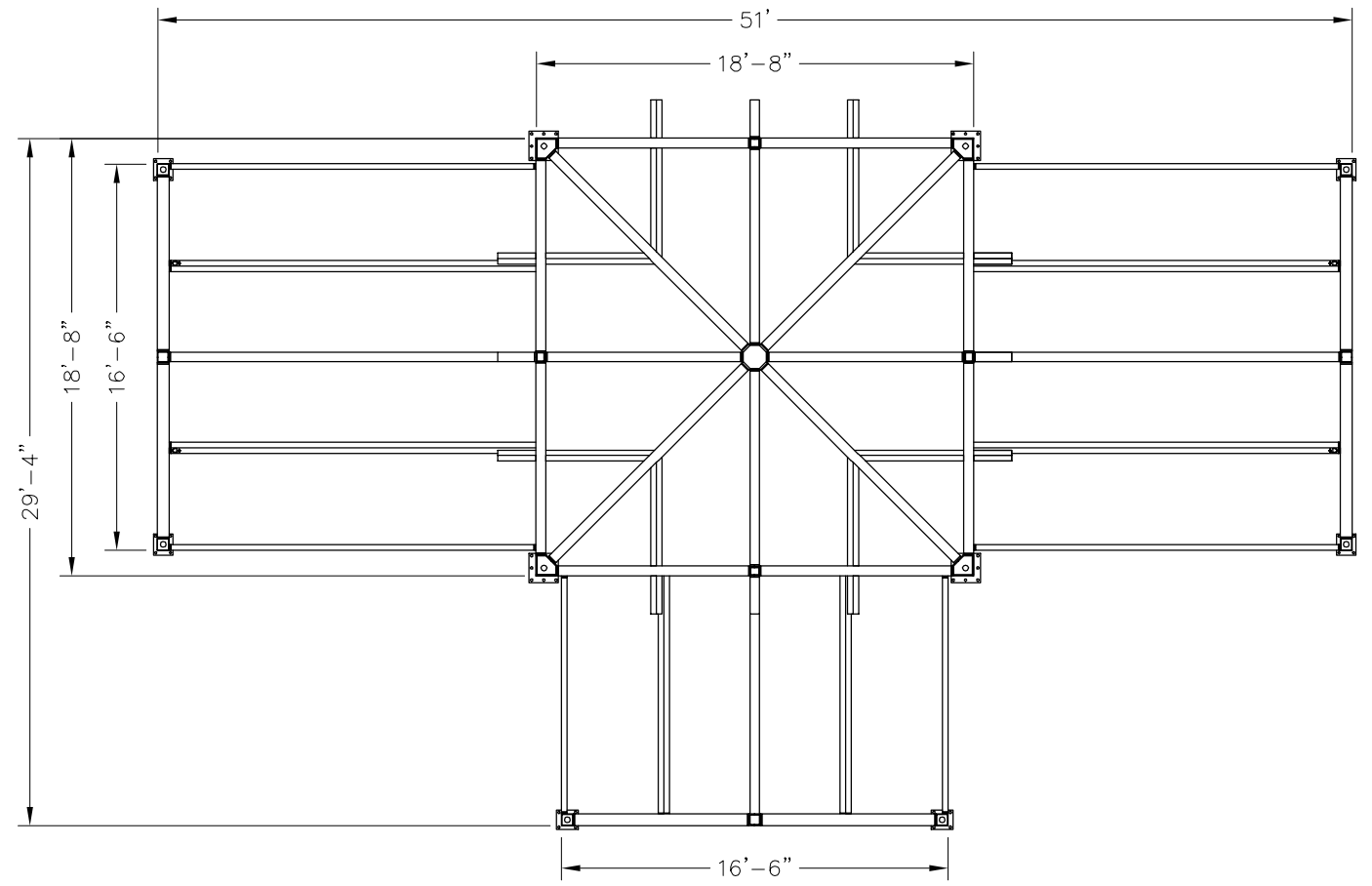
Engineering\AcadStandard\Blocks\Titles\CONPRET
QT-73-01-42



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DWG: \\Icon01\Company\Engineering\Standards\IN\31X51\M-P12-20-90-150\Drawings\Preliminary\IN31x51M-P12-20-90-150~36325.dwg



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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 8x8x1/4 / 6x6x3/16

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Frame

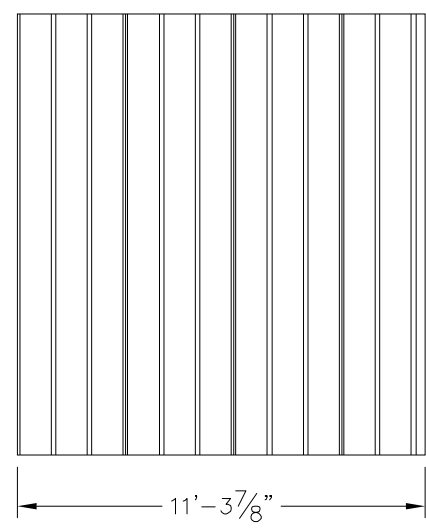
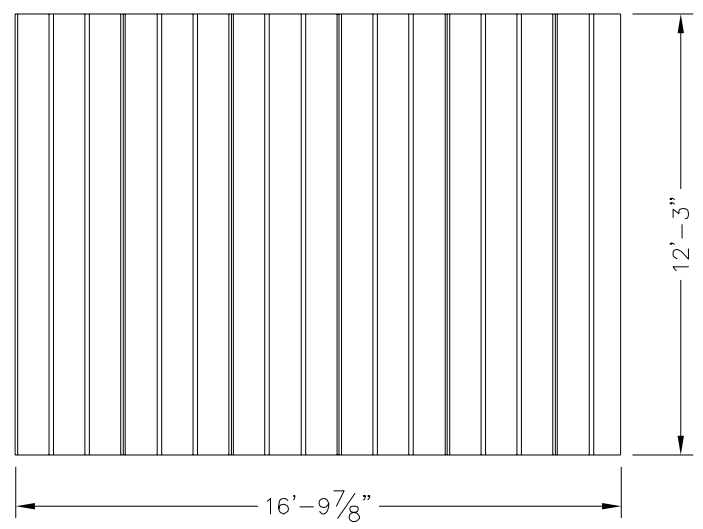
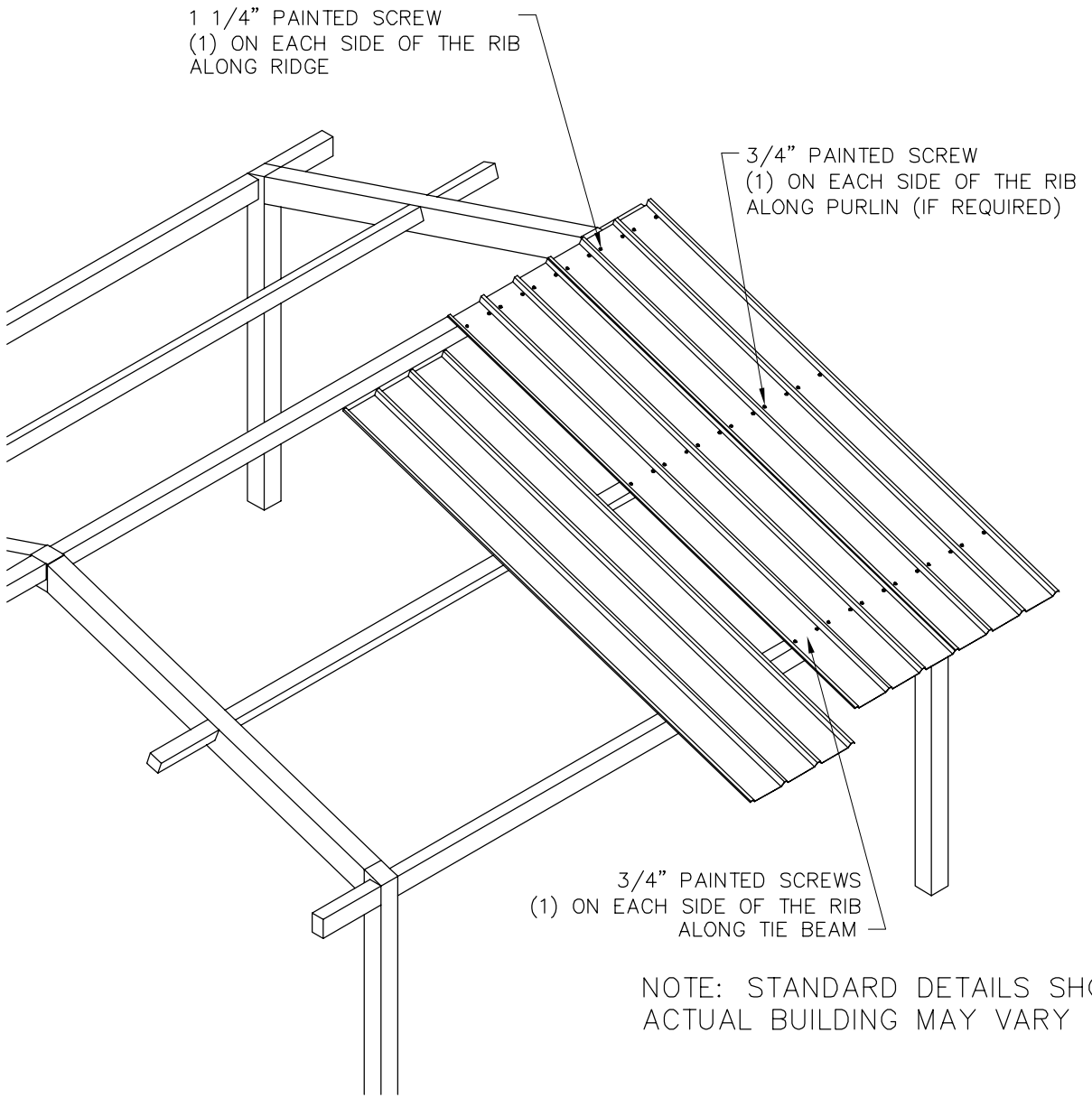
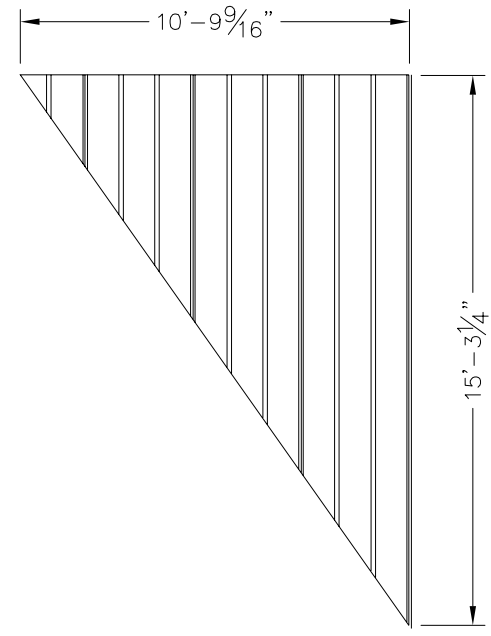
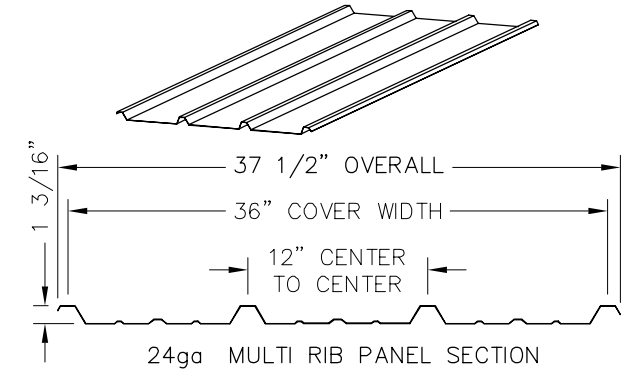
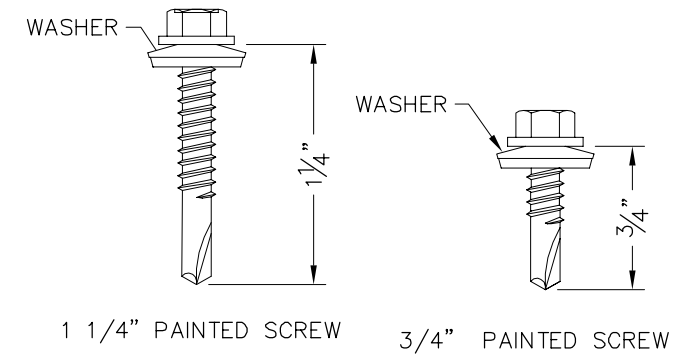
DRAWN BY:	ACP
DATE:	8/10/2015
JOB NO.:	STANDARD
REVISION:	
BUILDING TYPE:	IN31X51M-P12
PROJECT NAME:	

SHEET

3.0

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

DWG: \\Icon01\Company\Engineering\Standards\IN\31X51\M-P12-20-90-150\Drawings\Preliminary\IN31x51M-P12-20-90-150~36325.dwg



NOTE: STANDARD DETAILS SHOWN
ACTUAL BUILDING MAY VARY

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Roof Layout

DRAWN BY:
ACP
DATE:
8/10/2015
JOB NO.:
STANDARD
REVISION:
BUILDING TYPE:
IN31X51M-P12
PROJECT NAME:

SHEET
4.0

DWG: \\Icon01\Company\Engineering\Standards\IN\31X51\M-P12-20-90-150\Drawings\Preliminary\IN31x51M-P12-20-90-150~36325.dwg