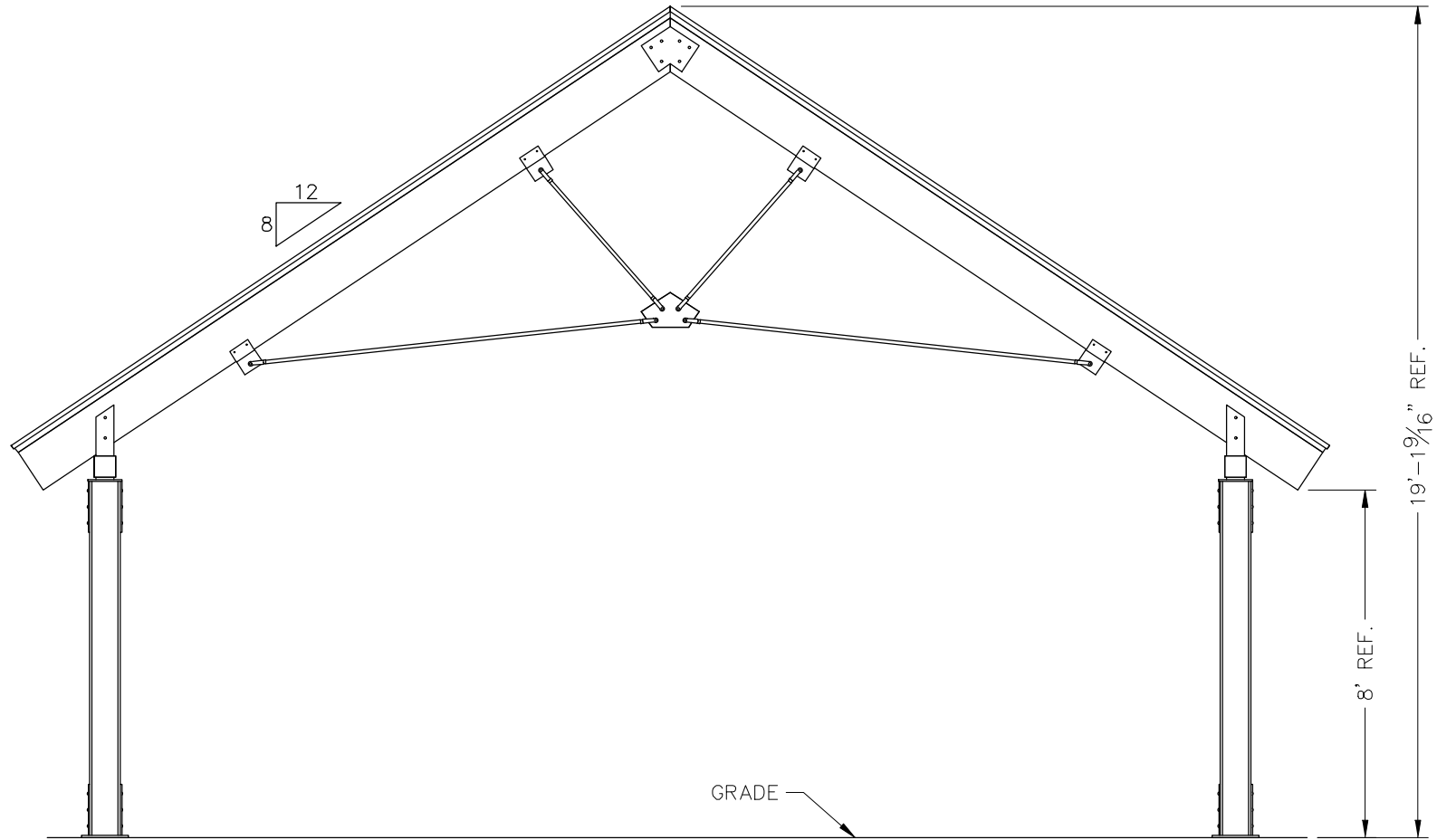
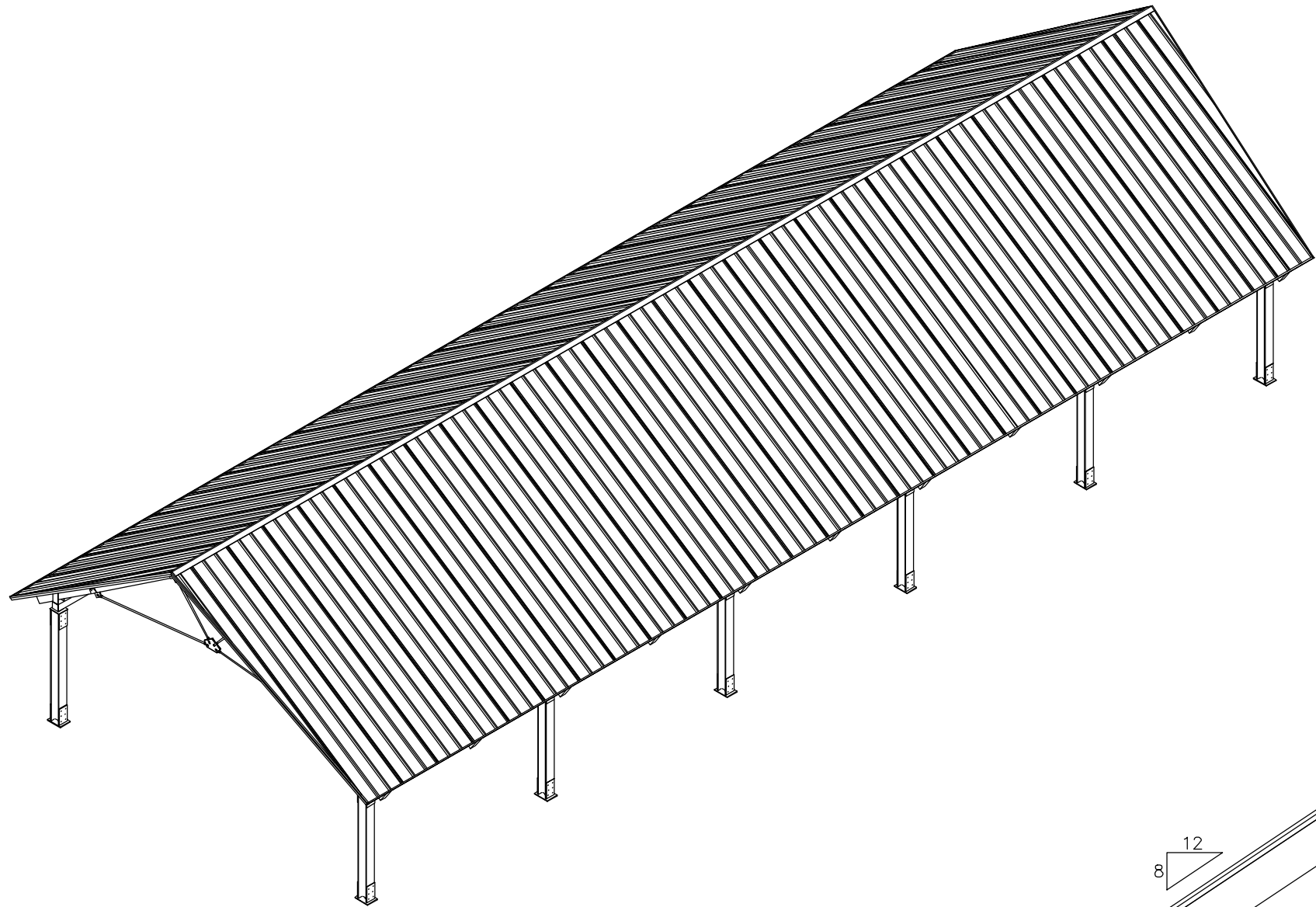




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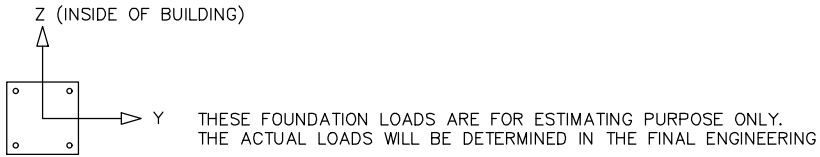
Elevation

|                 |
|-----------------|
| DRAWN BY:       |
| ACP             |
| DATE:           |
| 4/9/2019        |
| JOB NO.:        |
| 58797           |
| REVISION:       |
| A               |
| BUILDING TYPE:  |
| IRG30X80TM-P8   |
| PROJECT NAME:   |
| IRONWORKS GABLE |

SHEET

1.0

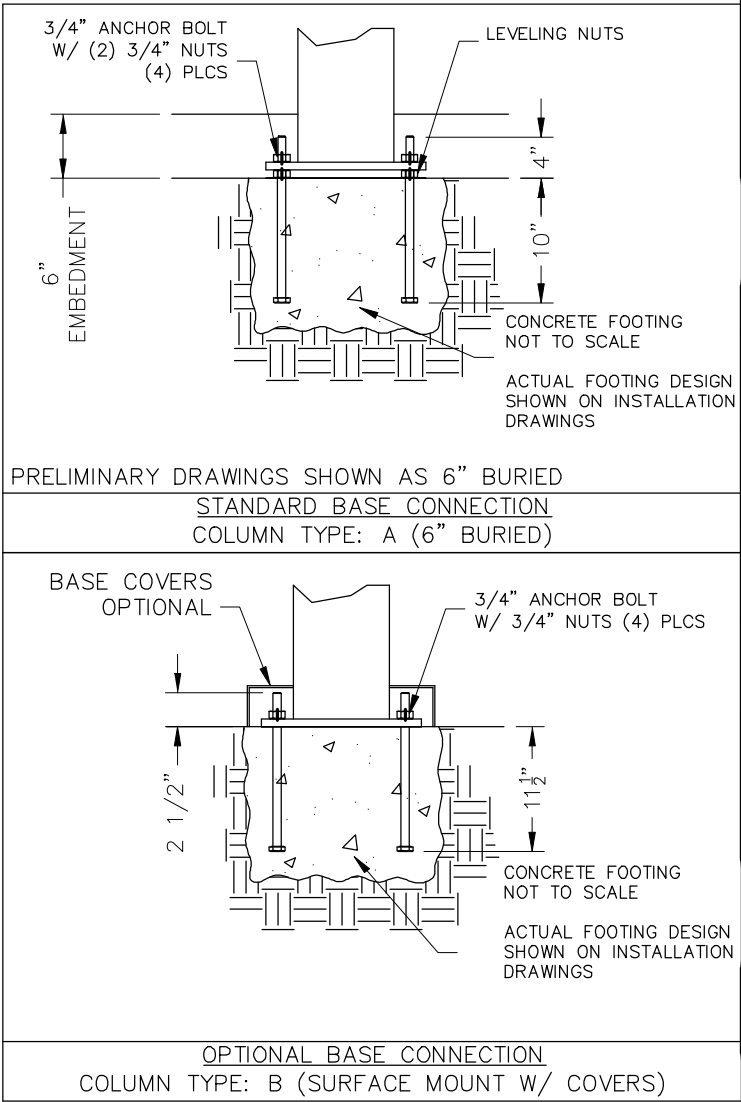
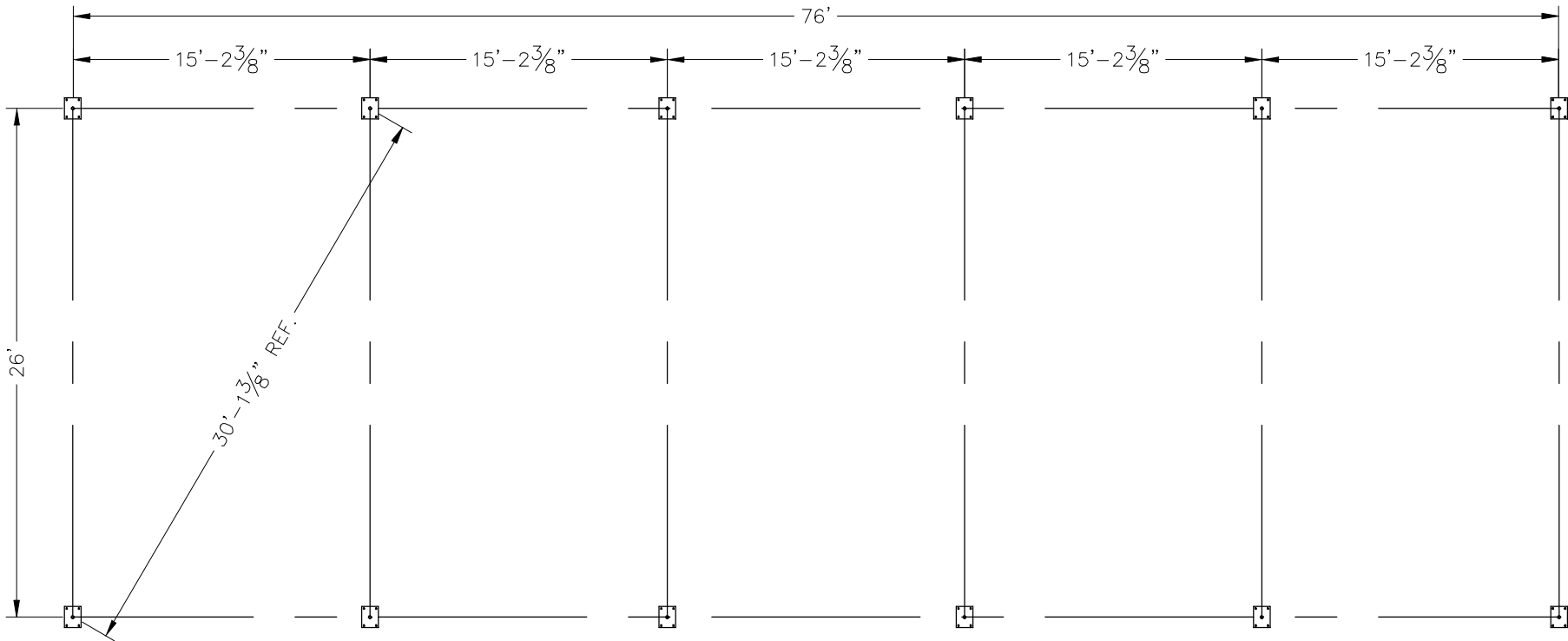
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06-73-01-42



| LOADS TO FOUNDATION<br>(KIPS, IN-KIPS) | FOUNDATION LOADS |            |            |             |             | CL1 |
|----------------------------------------|------------------|------------|------------|-------------|-------------|-----|
|                                        | AXIAL (Fx)       | SHEAR (Fy) | SHEAR (Fz) | MOMENT (My) | MOMENT (Mz) |     |
| DL                                     | 2.94             | 0.02       | 1.02       | -69.59      | 0.78        |     |
| SL                                     | 6.54             | 0.04       | 2.45       | -167.08     | 1.82        |     |
| W-UPLIFT                               | -2.70            | 0.86       | -0.62      | 39.15       | 60.06       |     |
| W-FY                                   | -2.70            | -0.86      | -0.62      | 39.15       | -60.06      |     |
| W-FZ                                   | 2.45             | -0.01      | 1.56       | -132.80     | -0.49       |     |
| E-FY                                   | -0.06            | -0.93      | -0.01      | 0.50        | -65.65      |     |
| E-Z                                    | -0.44            | 0.00       | -0.95      | 88.98       | -0.01       |     |

- 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-U/L = 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:

4/9/2019

JOB NO.:

58797

REVISION:

A

BUILDING TYPE:

IRG30X80TM-P8

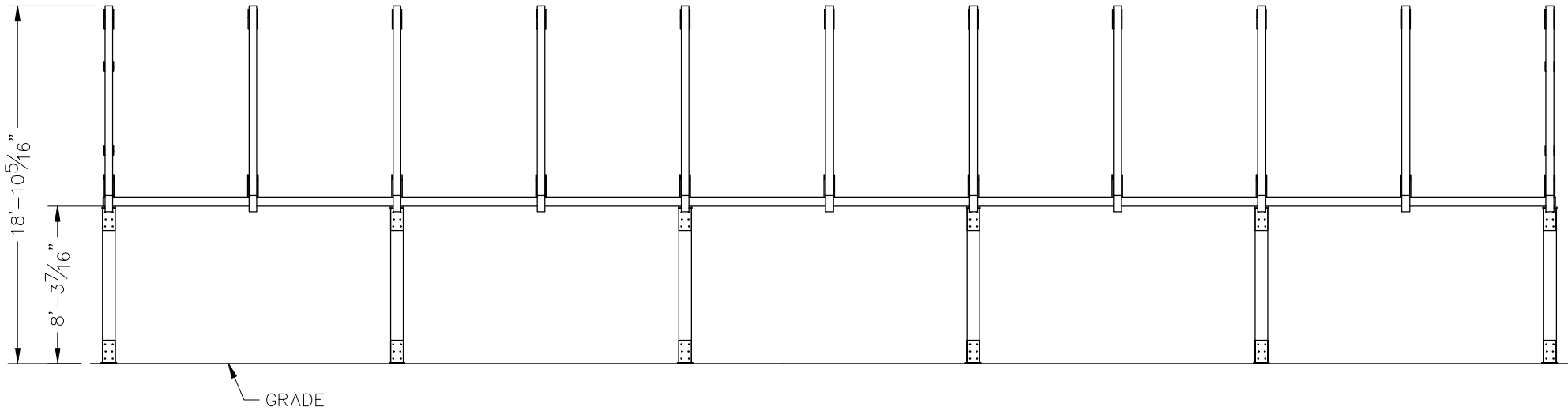
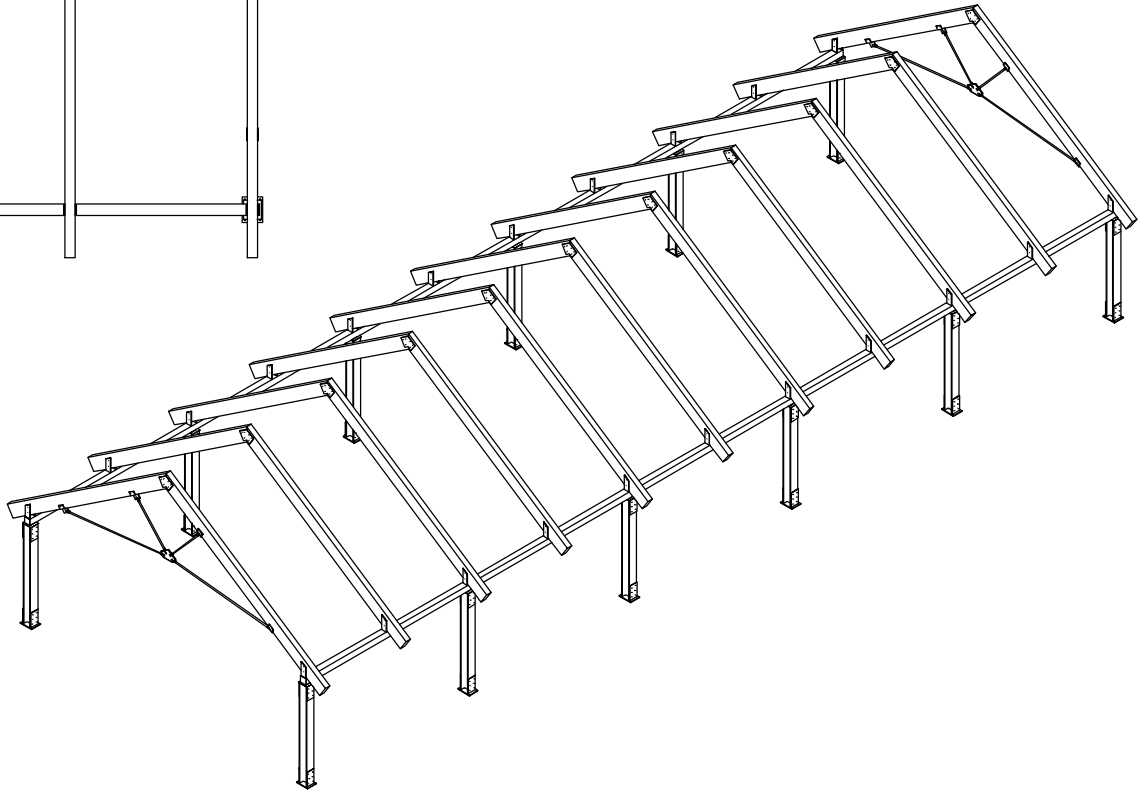
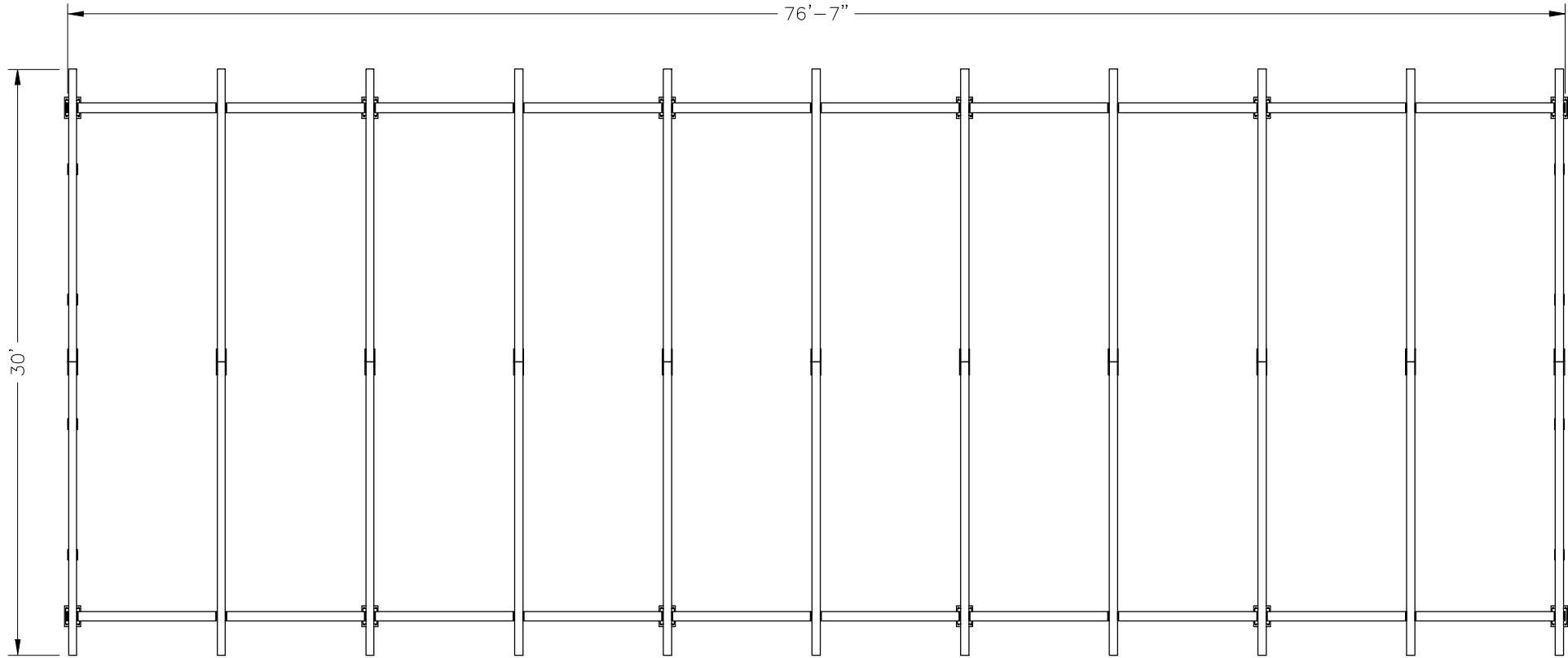
PROJECT NAME:

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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: W8X31 I-BEAM

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Frame

DRAWN BY:

ACP

DATE:

4/9/2019

JOB NO.:

58797

REVISION:

A

BUILDING TYPE:

IRG30X80TM-P8

PROJECT NAME:

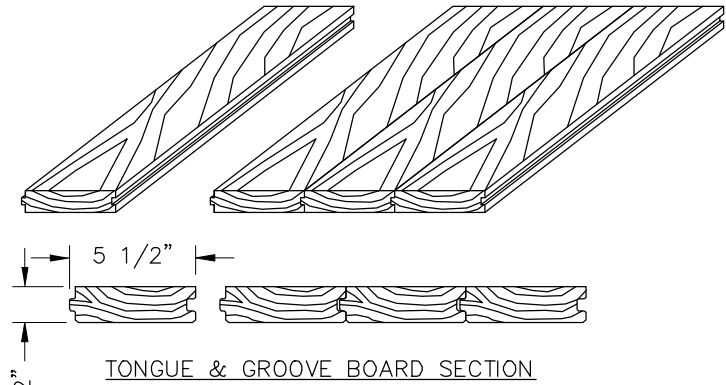
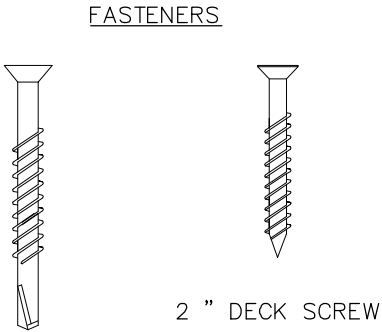
IRONWORKS GABLE

SHEET

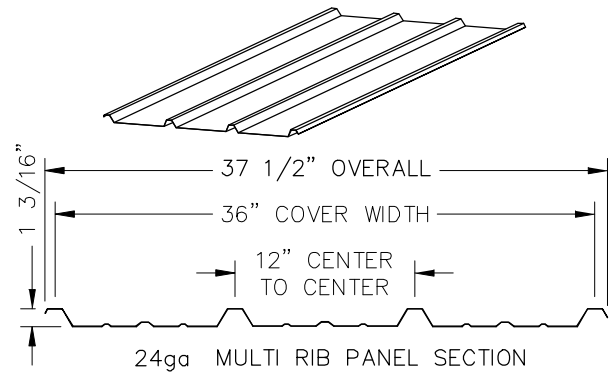
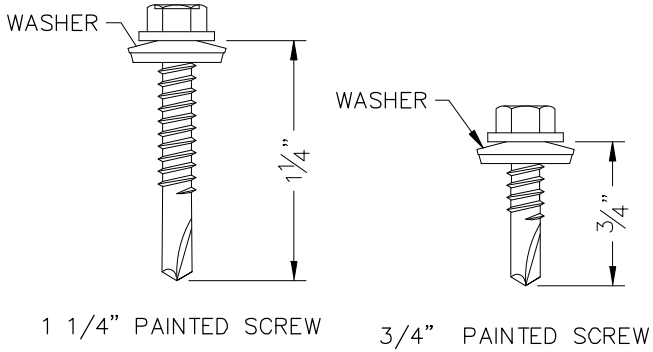
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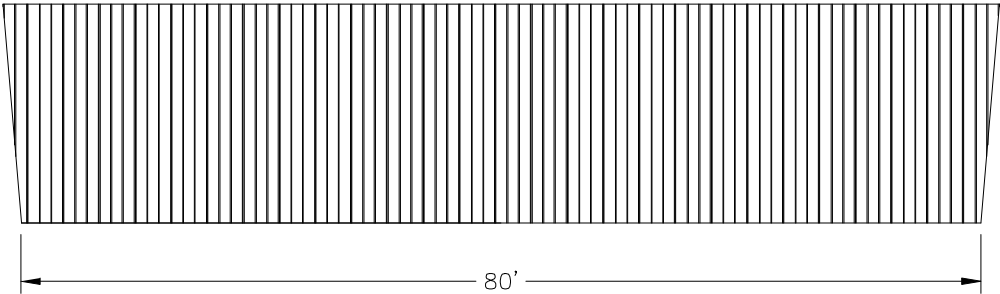
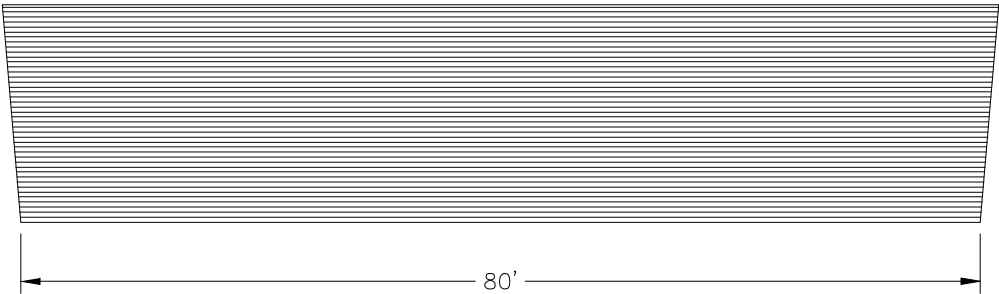
DWG: gineering\Standards\Shelters\IRG\30X80\TM-P8-25-90-30\Drawings\Preliminary\IRG30x80TM-P8-25-90-30~58797.DWG



NOTE: STANDARD DETAILS SHOWN  
ACTUAL BUILDING MAY VARY



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Roof Layout

|                 |
|-----------------|
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| ACP             |
| DATE:           |
| 4/9/2019        |
| JOB NO.:        |
| 58797           |
| REVISION:       |
| A               |
| BUILDING TYPE:  |
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