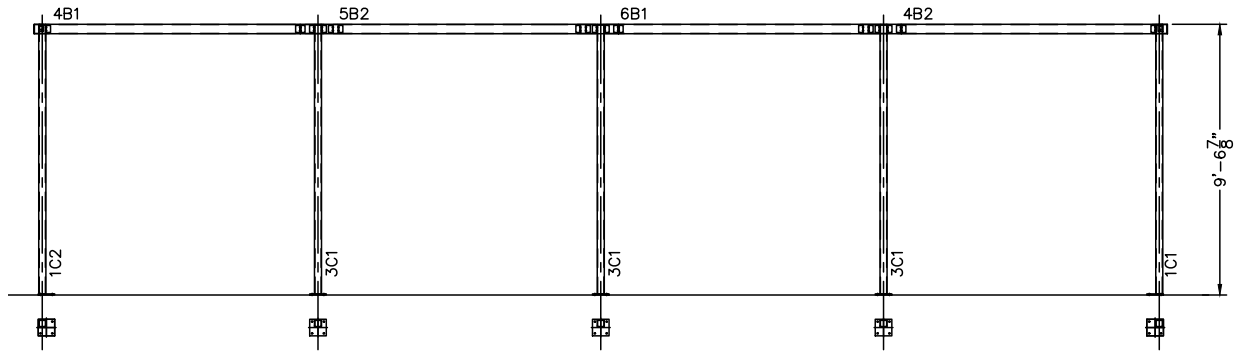
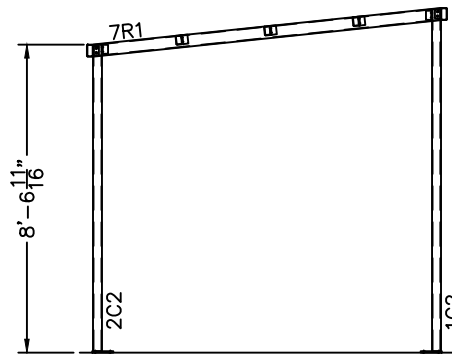


Designed for safety. Built for fun.

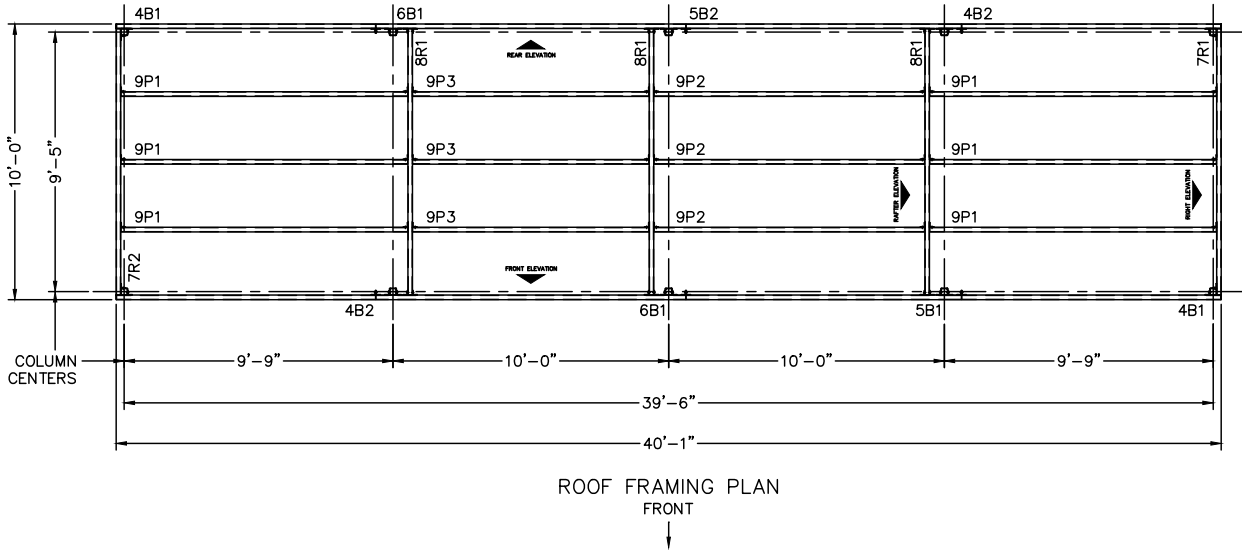


REAR FRAMING ELEVATION
 VIEW FROM INSIDE

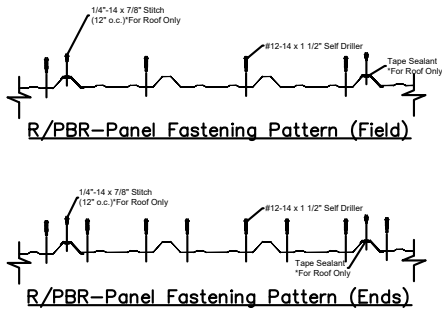


RIGHT END ELEVATION
 VIEW FROM INSIDE

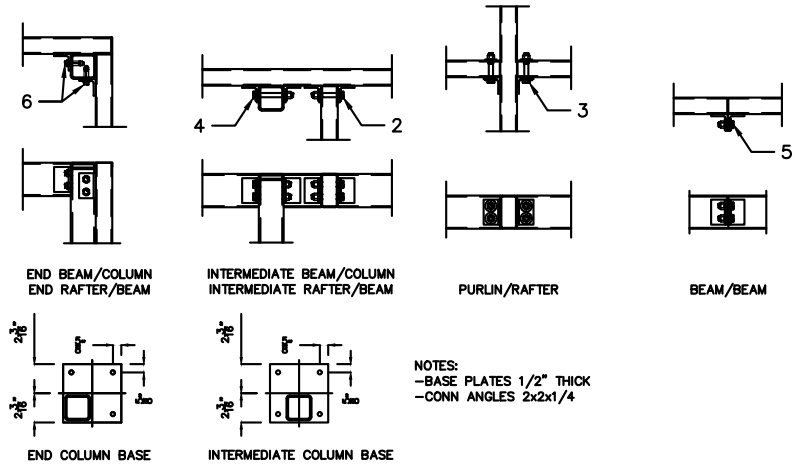
Designed for safety. Built for fun.



ROOF PANEL FASTENING DETAILS



CONNECTION DETAILS



CODES AND SPECIFICATIONS

1. IBC 2018
2. ASCE 7-16 MIN DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
3. AISC 360-16 CODE OF STD PRACTICE FOR STEEL BUILDINGS

MATERIALS

- STEEL TUBES = ASTM A513 OR A500 MIN
- STEEL PLATE = A36 MIN
- FIELD BOLTS = 1/2" DIA GR5 MIN, GALV OR ZINC
- ALL SHOP WELDS TO BE 3/16" FILLET UNLESS NOTED OTHERWISE

ROOF PANELS

- PBR PANEL 1-1/4"x24GAx36" COVER MFR BY METAL SALES OR EQUAL
- LENGTHS AS REQUIRED, 2-SPAN MIN

DESIGN LOADS

1. ROOF LOAD
 - LIVE LOAD 20 PSF MIN (SNOW)
2. WIND LOAD
 - BASIC WIND SPEED (ULTIMATE 3-SEC GUST) 115 MPH (90 MPH 3-SEC GUST ASD)
 - WIND EXPOSURE - C
 - Kz = 0.85
 - Kzt = 1.0
 - Kd = 0.85
 - G = 0.85

FOUNDATIONS

1. CONCRETE SPECIFIED MINIMUM COMPRESSIVE STRENGTH OF 2,500PSI AT 28 DAYS
2. CONCRETE REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60
3. ALLOWABLE SOIL BEARING PRESSURE (NET) - 1500 PSF
4. CAST IN PLACE ANCHOR RODS = ASTM F1554 GR55, GALV, UNO
5. POST INSTALLED ANCHORS = 1/2 x 4 EMBED MIN LDT OR EPOXY ANCHOR
5. FROST LINE DEPTH = 36"