

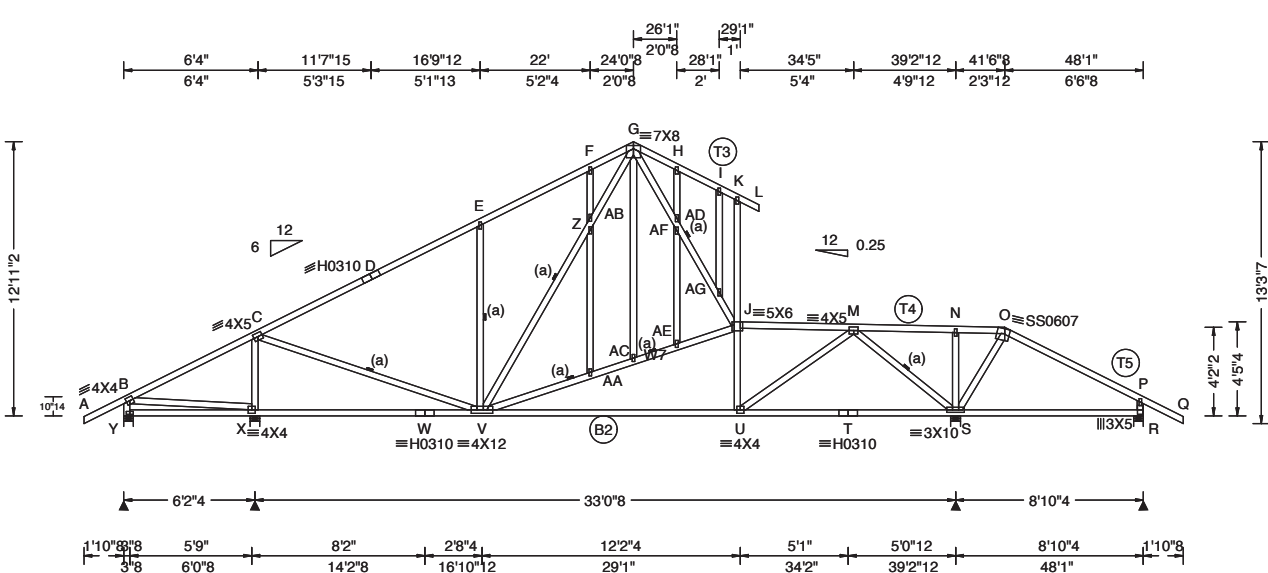
SEQN: 155568 / T684 / GABL
FROM:
Page 1 of 2

Ply: 1
Qty: 1
Wgt: 351.4 lbs

Job Number: examplejob
Truss Label: G114

DRW: ... / ... 02/12/2020

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
Y	83	-260	-	/62	/93	/314
X	2262	-	-	/943	/368	-
S	2435	-	-	/821	/714	-
R	550	-	-	/208	/40	-



Wind reactions based on MWFRS
 Y Brg Width = 5.5 Min Req = 5.5
 X Brg Width = 5.5 Min Req = 2.3
 S Brg Width = 5.5 Min Req = 2.5
 R Brg Width = 5.5 Min Req = 1.5
 Bearings Y, X, S, & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)				
Chords	Tens.	Comp.	Chords	Tens. Comp.
A - B	56	-17	I - K	76 -81
B - C	808	-342	J - M	937 -2433
C - D	361	-1424	K - L	52 -25
D - E	392	-1273	M - N	375 -158
E - F	564	-1449	N - O	371 -156
F - G	615	-1277	O - P	227 -132
G - H	136	-37	P - Q	85 -17
H - I	88	-37		

Maximum Bot Chord Forces Per Ply (lbs)				
Chords	Tens.	Comp.	Chords	Tens. Comp.
Y - X	193	-303	U - T	1383 -387
X - W	207	-498	T - S	1383 -387
W - V	207	-498	S - R	86 -150
V - U	2419	-686		

Loading Criteria (psf)
 TCLL: 20.00
 TC DL: 10.00
 BC LL: 0.00
 BC DL: 10.00
 Des Ld: 40.00
 NCBCLL: 0.00 Soffit: 2.00
 Load Duration: 1.25
 Spacing: 24.0"

Wind Criteria
 Wind Std: ASCE 7-05 Speed: 115 mph
 Enclosure: Closed Category: III OR IV
 TC DL: 6.0 psf BC DL: 6.0 psf EXP: B
 Mean Height: 16.54 ft Kzt: NA
 MWFRS Parallel Dist: h/2 to h
 C&C Dist a: 4.81 ft
 Loc. from endwall: NA
 I: 1.15 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria
 (Pg, Pf in PSF)
 Pg: 20.0 Ct: -
 Pf: 20.0
 CAT: - Ce: -
 Lu: - Cs: -
 Snow Duration: -

Code / Misc Criteria
 Bldg Code: IBC 2009
 TPI Std: 2007
 Rep Fac: No
 FT/RT: 10(0)/5(0)
 Plate Type:
 WAVE, HS, 18SS

Defl/CSI Criteria
 PP Deflection in loc L/defl L/#
 VERT(LL): 0.152 F 999 289 Max TC CSI: 0.833
 VERT(TL): 0.408 F 975 289 Max BC CSI: 0.889
 HORZ(LL): 0.067 F - - Max Web CSI: 0.889
 HORZ(TL): 0.177 F - - Creep Factor: 2.0
 Mfg Specified Camber:
 VIEW Ver: 18.01.01A.0821.10

Maximum Web Forces Per Ply (lbs)				
Webs	Tens.	Comp.	Webs	Tens. Comp.
B - Y	289	-89	AD - H	93 -146
B - X	381	-602	AE - AF	98 -151
X - C	672	-2019	AE - J	759 -1964
C - V	1710	-426	AF - AG	406 -1087
E - V	330	-780	AG - I	48 -9
V - Z	1147	-463	AG - J	404 -1046
V - AA	771	-1982	J - K	141 -287
Z - AA	81	-186	J - U	296 -583
F - AB	88	-213	U - M	1328 -398
AA - AC	745	-1936	M - S	706 -2238
AB - G	1168	-468	S - N	200 -453
G - AC	240	-142	S - O	250 -614
G - AD	419	-1124	P - R	335 -484
AC - AE	791	-2007		

Lumber
 Value Set: NDS 2015
 Top chord 2x4 SP SS Dense :T3, T5 2x4 SP #2:
 :T4 2x4 SP #1:
 Bot chord 2x4 SP #2 :B2 2x4 SP #1:
 Webs 2x4 SP #3 :W7 2x4 SP SS Dense:

Bracing
 (a) Continuous lateral restraint equally spaced on member.

Plating Notes
 All plates are 1.5X4 except as noted.

Special Loads
 -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
 TC: From 62 plf at -2.17 to 62 plf at 28.79
 TC: From 100 plf at 28.79 to 100 plf at 41.25
 TC: From 62 plf at 41.25 to 62 plf at 49.67
 BC: From 4 plf at -2.17 to 4 plf at -0.29
 BC: From 20 plf at 0.00 to 20 plf at 47.79
 BC: From 4 plf at 47.79 to 4 plf at 49.67

Wind
 Wind loads based on MWFRS with additional C&C member design.

Additional Notes
 Negative reaction(s) of -260# MAX. Requires uplift connection. See Maximum Reactions.
 WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**
****IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.
 Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
 For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org