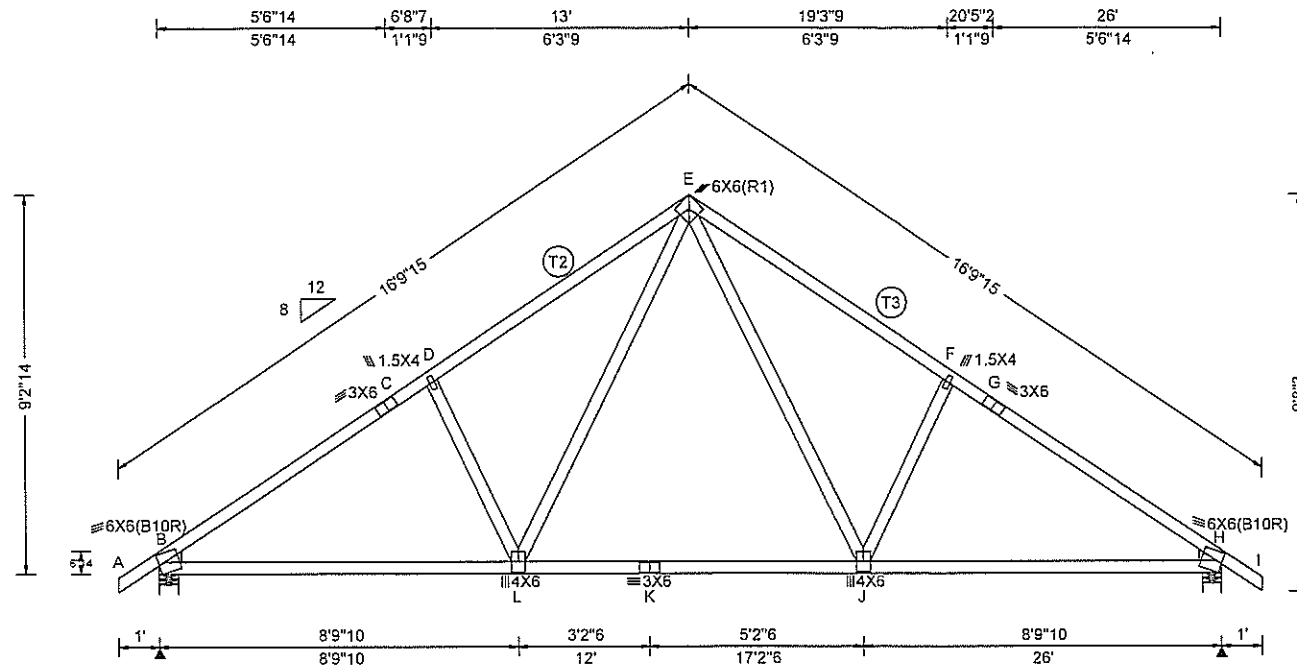


Job Number: HLW23952  
 Truss Quote/ 8267T12C  
 Truss Label: 1C1

Ply: 1  
 Qty: 12  
 Wgt: 131.6 lbs

SEQN: 56678 / T62 / COMM  
 FROM:

DRW: ... / ... 01/29/16



**▲ Maximum Reactions (lbs)**

Loc	R	/U	/Rw	/Rh	/RL	/W
B	2106	/138	/334	/-	/220	/5.5
H	2106	/138	/334	/-	/-	/5.5

Wind reactions based on MWFRS  
 B Min Brg Width Req = 3.3  
 H Min Brg Width Req = 3.3  
 Bearings B & H are a rigid surface.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	73	E - F	390 -2447
B - C	320 -2819	F - G	325 -2415
C - D	325 -2415	G - H	319 -2819
D - E	390 -2447	H - I	73 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - L	2144 -171	K - J	1453 -22
L - K	1453 -22	J - H	2144 -173

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
D - L	193 -870	E - J	1041 -164
L - E	1041 -164	J - F	193 -870

**Loading Criteria (psf)**  
 TCLL: 53.90  
 TCCL: 10.00  
 BCCL: 0.00  
 BCDL: 10.00  
 Des Ld: 73.90  
 NCBCCL: 10.00 Soffit: 0.00  
 Load Duration: 1.15  
 Spacing: 24.0 "

**Wind Criteria**  
 Wind Std: ASCE 7-05 Speed: 90 mph  
 Enclosure: Closed Category: II EXP: C  
 TCCL: 4.2 psf BCDL: 4.2 psf  
 Mean Height: 15.00 ft  
 MWFRS Parallel Dist: 0 to h/2  
 C&C Dist a: 3.00 ft  
 Loc. from endwall: Any  
 I: 1.0 GCpi: 0.18  
 Wind Duration: 1.33

**Snow Criteria**  
 (Pg,Pf in PSF)  
 Pg: 70.0 Ct: 1.1  
 Pf: 53.9 Ce: 1.0  
 CAT: II  
 Lu: - Cs: not used  
 Snow Duration: 1.15

**Code / Misc Criteria**  
 Bldg Code: IRC 2009  
 TPI Std: 2007  
 Rep Factors Used: Yes  
 FT/RT:20(0)/10(0)  
 Plate Type: WAVE

**Defl/CSI Criteria**  
 PP Deflection in loc L/defl L/#  
 VERT(LL): 0.139 L 999 360 Max TC CSI: 0.935  
 VERT(TL): 0.221 L 999 240 Max BC CSI: 0.978  
 HORZ(LL): 0.075 J - - Max Web CSI: 0.412  
 HORZ(TL): 0.119 J - - Creep Factor: 1.5  
 Mfg Specified Camber:  
 VIEW Ver: 15.02.00C.1217.15

**Lumber**  
 Top chord 2x4 SPF #1/#2  
 :T2, T3 2x4 SPF 2100f-1.8E:  
 Bot chord 2x4 SPF #1/#2  
 Webs 2x4 SPF #1/#2  
 :Lt Wedge 2x4 SPF #1/#2::Rt Wedge 2x4 SPF #1/#2:

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

**Loading**  
 Bottom chord checked for 10.00 psf non-concurrent  
 bottom chord live load applied per IRC-09 section 301.5.  
 Truss designed for unbalanced snow loads.

**\*\*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

