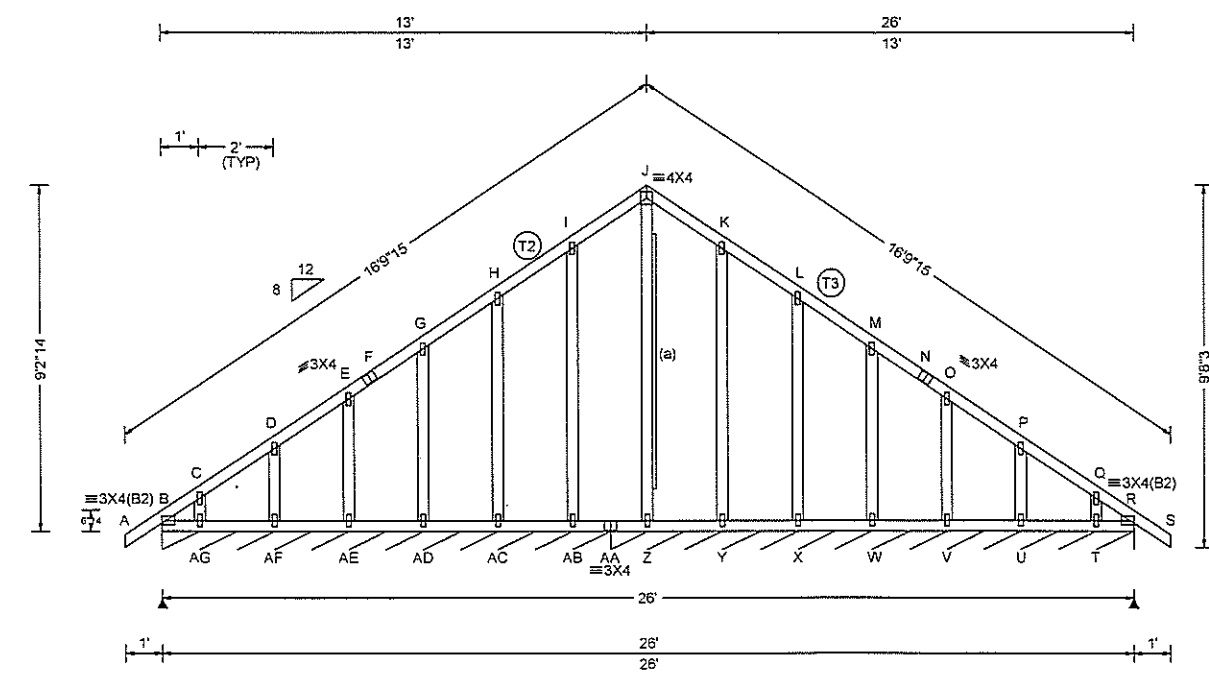


Job Number: HLW23952
 Truss Quote/ 8267T12C
 Truss Label: 1C1G

Ply: 1
 Qty: 2
 Wgt: 179.2 lbs

SEQN: 56681 / T63 / GABL
 FROM:

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



▲ Maximum Reactions (lbs), or *=PLF

Loc	R	/U	/Rw	/Rh	/RL	/W
B*	187	/17	/33	/-	/18	/144
AA*	177	/5	/32	/-	/-	/168

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	73	0	J - K	192	-132
B - C	95	-134	K - L	143	-109
C - D	94	-113	L - M	95	-94
D - E	84	-100	M - N	69	-56
E - F	67	-89	N - O	61	-89
F - G	74	-62	O - P	79	-100
G - H	95	-94	P - Q	89	-107
H - I	143	-109	Q - R	89	-128
I - J	192	-132	R - S	73	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - AG	115	-99	Z - Y	121	-100
AG - AF	118	-101	Y - X	120	-100
AF - AE	119	-102	X - W	120	-99
AE - AD	120	-103	W - V	118	-99
AD - AC	120	-104	V - U	117	-98
AC - AB	121	-104	U - T	114	-96
AB - AA	121	-105	T - R	111	-94
AA - Z	121	-100			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - AG	52	-129	Y - K	70	-433
D - AF	67	-269	X - L	67	-367
E - AE	65	-256	W - M	66	-281
G - AD	66	-281	V - O	65	-256
H - AC	67	-367	U - P	67	-269
I - AB	70	-433	T - Q	52	-129
J - Z	0	-231			

Loading Criteria (psf)
 TCLL: 53.90
 TCDL: 10.00
 BCCL: 0.00
 BCDL: 10.00
 Des Ld: 73.90
 NCBCLL: 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
 TCDL: 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): 0.003 K 999 360 Max TC CSI: 0.143
 VERT(TL): 0.006 K 999 240 Max BC CSI: 0.051
 HORZ(LL): 0.003 K - - Max Web CSI: 0.309
 HORZ(TL): 0.005 K - - 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

Bracing
 (a) 1x4 #3SRB SPF-S or better "L" reinforcement. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Plating Notes
 All plates are 1.5X4 except as noted.

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.

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

Additional Notes
 See DWGS A10015051014, GBLLETIN1014, & GABRST051014 for gable wind bracing requirements.

****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.tpinet.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

