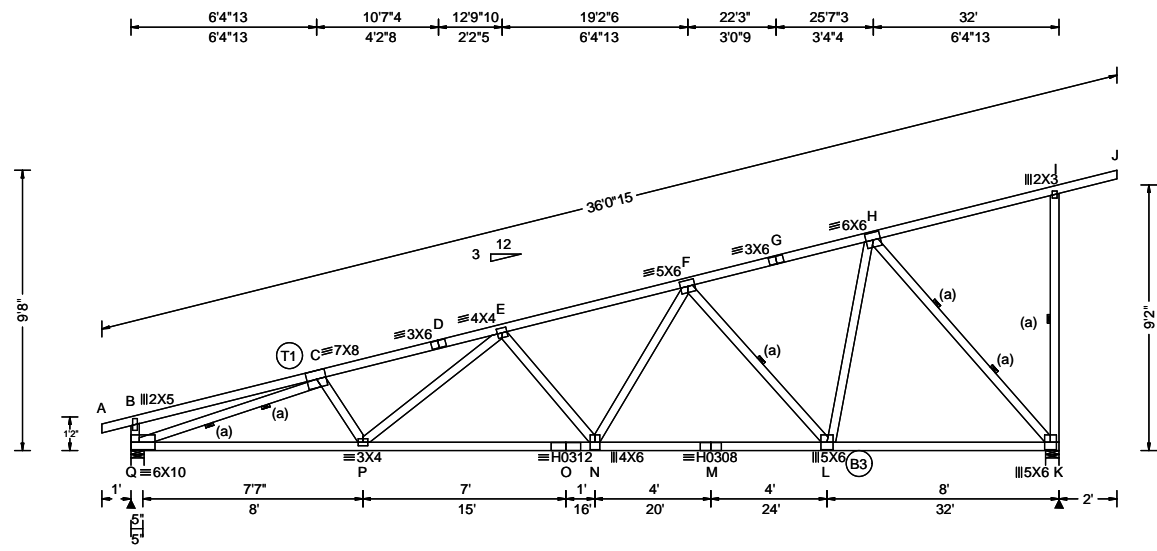


Job Number: HLB24215 Boulangier / Wally Staples Truss Label: 3C2	Ply: 1 Qty: 7 Wgt: 190.4 lbs	SEQN: 90037 / T8 / MONO FROM:	DRW: ... / ... 04/04/16
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▲ Maximum Reactions (lbs)

Loc	R	/U	/Rw	/Rh	/RL	/W
Q	2236	/594	/699	-	/422	/5.5
K	2360	/773	/818	-	-	/5.5

Wind reactions based on MWFRS
 Q Min Brg Width Req = 2.8
 K Min Brg Width Req = 3.7
 Bearings Q & K Fcperp = 425psi.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	27	0	F - G	517	-1991
B - C	136	-225	G - H	524	-1906
C - D	1382	-4640	H - I	81	-118
D - E	1387	-4524	I - J	0	-55
E - F	1043	-3635			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	4510	-1754	N - M	2918	-1061
P - O	4061	-1501	M - L	2918	-1061
O - N	4061	-1501	L - K	1540	-554

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - Q	315	-470	N - F	1072	-370
Q - C	1305	-4682	F - L	628	-1648
C - P	247	-171	L - H	1466	-483
P - E	466	-207	H - K	835	-2321
E - N	415	-994	I - K	414	-558

Loading Criteria (psf) TCLL: 46.20 TCCL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 66.20 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.15 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-05 Speed: 100 mph Enclosure: Closed Category: II EXP: C TCDL: 4.2 psf BCDL: 4.2 psf Mean Height: 33.29 ft MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.20 ft Loc. from endwall: Any I: 1.0 GCpi: 0.18 Wind Duration: 1.33	Snow Criteria (Pg, Pf in PSF) Pg: 60.0 Ct: 1.1 Pf: 46.2 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, HS	Def/CSI Criteria PP Deflection in loc L/def L/# VERT(LL): 0.328 E 999 360 Max TC CSI: 0.887 VERT(TL): 0.536 E 716 240 Max BC CSI: 0.948 HORZ(LL): 0.100 K - - Max Web CSI: 0.920 HORZ(TL): 0.162 K - - Creep Factor: 1.5 Mfg Specified Camber: VIEW Ver: 15.02.00C.1217.16
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Lumber Top chord 2x4 SPF #1/#2 :T1 2x4 SPF 2100f-1.8E: Bot chord 2x4 SPF 2100f-1.8E :B3 2x4 SPF #1/#2: Webs 2x4 SPF #1/#2	Wind Wind loads based on MWFRS with additional C&C member design. Right end vertical not exposed to wind pressure.
Bracing (a) Continuous lateral restraint equally spaced on member.	
Loading Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.	

****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

