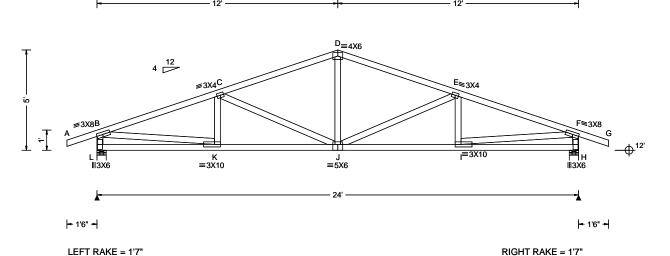


For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: Q25819 Ply: 1 SEQN: 1127 / T5 / SPEC Qty: 2 FROM: DRW: Truss Label: T1A Wgt: 133.0 lbs / ... 07/30/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria	Code / Misc Criteria	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16 Speed: 130 mph	(Pg,Pf in PSF)	Bldg Code: IBC 2012	PP Deflection in loc L/defl L/#
TCDL: 15.00	Enclosure:Closed Risk Category: II	Pg: NA Ct: NA	TPI Std: 2007	VERT(LL): 0.078 J 999 240 Max TC CSI: 0.430
BCLL: 0.00	TCDL: 5.0 psf BCDL: 5.0 psf EXP: C	Pf: NA	Rep Factors Used: Yes	VERT(TL): 0.229 J 999 240 Max BC CSI: 0.730
BCDL: 10.00	Mean Height: 15.00 ft MWFRS Parallel Dist: 0 to h/2	CAT: NA Ce: NA	FT/RT:20(0)/10(0)	HORZ(LL): 0.018 H Max Web CSI: 0.415
Des Ld: 45.00	C&C Dist a: 3.00 ft	Lu: NA Cs: NA	Plate Type:	HORZ(TL): 0.052 H Creep Factor: 1.5
NCBCLL: 20.00 Soffit: 2.00		Snow Duration: NA	WAVE	Mfg Specified Camber:
Load Duration: 1.25	GCpi: 0.18			
Spacing: 24.0 "	Wind Duration: 1.33			VIEW Ver: 18.01.00C.0525.21

Lumber

Top chord 2x4 SPF #1/#2 Bot chord 2x4 SPF #1/#2 Webs 2x4 SPF #1/#2

Bottom chord checked for 20.00 psf non-concurrent bottom chord live load applied per IBC-12 section 1607.

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

Wind loading based on both gable and hip roof types.

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 land use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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▲ Maximum Reactions (lbs) Loc R /U /Rw /Rh /RL /W

L 1213 / 203 / 763 / - / 111 / 5.5 H 1213 / 203 / 763 / - / - / 5.5 Wind reactions based on MWFRS

L Min Brg Width Reg = 1.9 H Min Brg Width Reg = 1.9 Bearings L & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

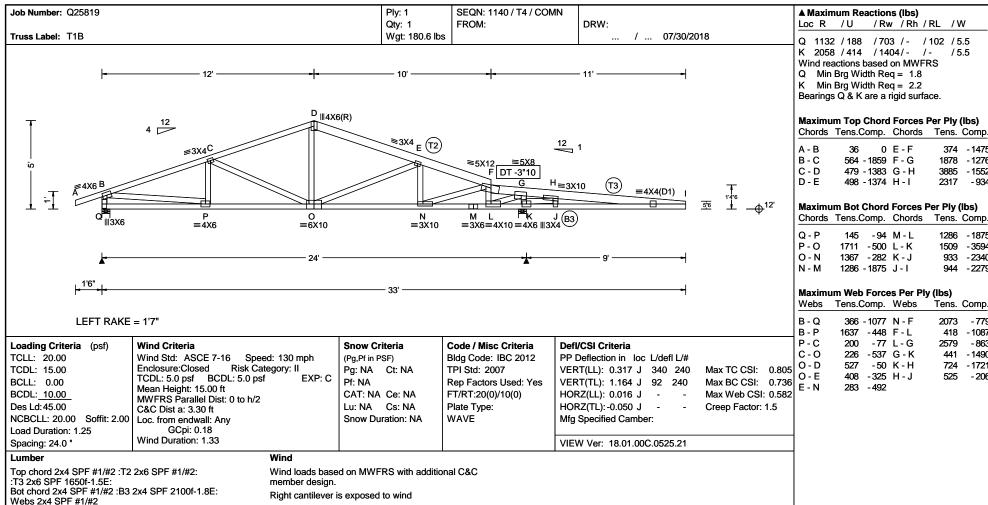
Chords Tens.Comp. Chords Tens. Comp. 36 0 D-E 671 - 1582 B-C 754 - 2048 E - F 754 -2048 C-D 671 - 1582 F - G 36

Maximum Bot Chord Forces Per Plv (lbs) Chords Tens.Comp. Chords Tens. Comp.

157 -111 J-I 1898 - 648 1898 -665 I-H K-J 88 - 26

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. Webs Tens. Comp B-L 490 - 1158 J - E 244 - 503 B - K 1838 -613 E-I 169 - 96 169 -96 I-F -613 K-C 1838 C-J 244 -503 F-H - 1158 490 D-J 780 - 134



374 - 1475

3885 - 1552

- 934

- 2340

- 779

- 863

- 206

- 1087

1878 - 1276

2317

1286 - 1875

1509 - 3594

933

944 - 2279

2073

418

2579

441 - 1490

724 - 1721

525

Tens. Comp.

Loading

Bottom chord checked for 20.00 psf non-concurrent bottom chord live load applied per IBC-12 section 1607. Wind loading based on both gable and hip roof types.

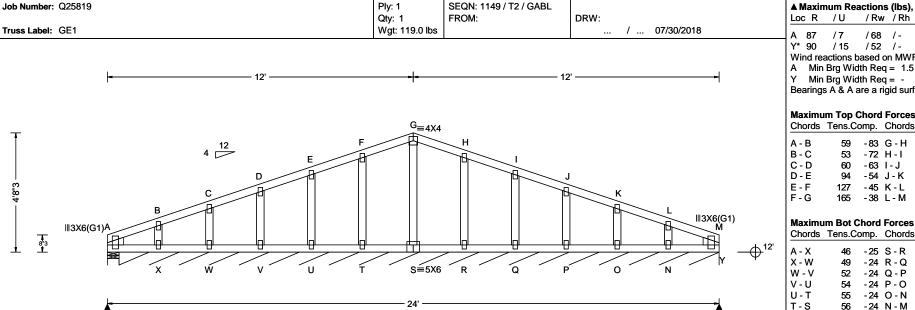
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Loading Criteria (psf)	Wind Criteria	Snow Criteria	Code / Misc Criteria	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16 Speed: 130 mph	(Pg,Pf in PSF)	Bldg Code: IBC 2012	PP Deflection in loc L/defl L/#
TCDL: 15.00	Enclosure:Closed Risk Category: II	Pg: NA Ct: NA	TPI Std: 2007	VERT(LL): 0.000 F 999 240 Max TC CSI: 0.047
BCLL: 0.00	TCDL: 5.0 psf BCDL: 5.0 psf EXP: C	Pf: NA	Rep Factors Used: Yes	VERT(TL): 0.001 F 999 240 Max BC CSI: 0.040
BCDL: 10.00	Mean Height: 15.00 ft MWFRS Parallel Dist: 0 to h/2	CAT: NA Ce: NA	FT/RT:20(0)/10(0)	HORZ(LL): 0.001 K Max Web CSI: 0.042
Des Ld: 45.00	C&C Dist a: 3.00 ft	Lu: NA Cs: NA	Plate Type:	HORZ(TL): 0.002 J Creep Factor: 1.5
NCBCLL: 20.00 Soffit: 2.00		Snow Duration: NA	WAVE	Mfg Specified Camber:
Load Duration: 1.25	GCpi: 0.18			
Spacing: 24.0 "	Wind Duration: 1.33			VIEW Ver: 18.01.00C.0525.21

Lumber

Top chord 2x4 SPF #1/#2 Bot chord 2x4 SPF #1/#2 Webs 2x4 SPF #1/#2 :Lt Stub Wedge 2x4 SPF #1/#2: :Rt Stub Wedge 2x4 SPF #1/#2:

Plating Notes

All plates are 2X4 except as noted.

Loading

Bottom chord checked for 20.00 psf non-concurrent bottom chord live load applied per IBC-12 section 1607.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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▲ Maximum Reactions (lbs), or *=PLF Loc R / U /Rw /Rh /RL /W

/68 /- /88 /5.5 /52 /- /-Y* 90 / 15 Wind reactions based on MWFRS

Y Min Brg Width Reg = -Bearings A & A are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens.	Comp.
A - B	59	-83	G-H	158	- 38
B - C	53	-72	H - I	118	- 34
C - D	60	- 63	I - J	84	- 37
D - E	94	- 54	J - K	51	- 40
E-F	127	- 45	K-L	18	- 44
F-G	165	- 38	L - M	22	- 50

Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	rens.Comp.		Cnords	i ens.	Comp.
A - X	46	- 25	S-R	56	- 24
X - W	49	- 24	R - Q	54	- 23
W - V	52	- 24	Q-P	53	- 23
V - U	54	- 24	P - O	51	- 22
U - T	55	- 24	O - N	49	- 21
T-S	56	- 24	N - M	45	- 19

Maximum Gable Forces Per Ply (lbs)

	Gables	Tens.Comp.		Gables	I ens.	Comp.
,	B - X C - W D - V E - U F - T G - S	101	- 149	R-H	154	- 161
	C - W	89	- 141	Q-I	91	- 139
,	D-V	91	- 143	P-J	91	- 143
2	E-U	91	- 139	O - K	89	- 141
	F-T	154	- 161	N - L	100	- 149
	G-S	0	- 112			

