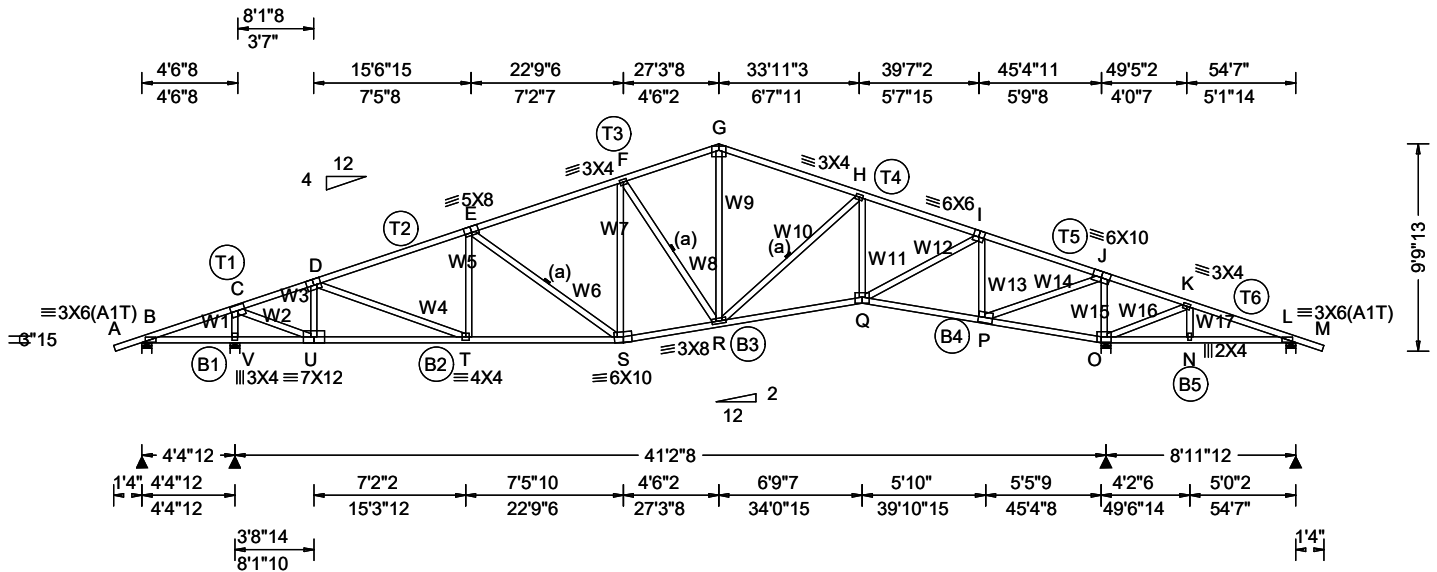




Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 14.00	Speed: 100 mph	Pf: NA Ce: NA	VERT(LL): 0.142 F 999 491	B	39	/-334	/-	/-	/166	/117
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.316 S 999 491	V	2444	/-	/-	/1474	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.049 O - -	O	2895	/-	/-	/1671	/-	/-
Des Ld: 44.00	EXP: C Kzt: NA	Building Code: IRC 2021 TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	HORZ(TL): 0.106 O - -	L	170	/-262	/-	/-	/89	/-
NCBCLL: 20.00	Mean Height: 15.00 ft		Creep Factor: 2.0	Wind reactions based on MWFRS						
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.679	B	Brg Wid = 5.5		Min Req = 1.5 (Truss)			
Load Duration: 1.15	BCDL: 5.0 psf		Max BC CSI: 0.883	V	Brg Wid = 5.5		Min Req = 3.5 (Truss)			
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h		Max Web CSI: 0.703	O	Brg Wid = 5.5		Min Req = 4.5 (Truss)			
	C&C Dist a: 5.46 ft	Mfg Specified Camber:	L	Brg Wid = 5.5		Min Req = 1.5 (Truss)				
	Loc. from endwall: not in 13.00 ft		Bearings B, V, O, & L are a rigid surface.							
	GCpi: 0.18		Maximum Top Chord Forces Per Plv (lbs)							
	Wind Duration: 1.33									

Lumber Top chord: 2x4 SPF #1/#2; Bot chord: 2x4 SPF 1650f-1.5E; B1, B4 2x4 SPF #1/#2; Webs: 2x4 SPF #1/#2;	Bracing (a) Continuous lateral restraint equally spaced on member.	Plating Notes All plates are 6X8 except as noted.	Loading Bottom chord checked for 20.00 psf non-concurrent live load. Truss checked for 150# live movable load along Bottom Chord, non-concurrent with design snow or live loads.	Wind Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types.	Additional Notes Negative reaction(s) of -334# MAX. from a non-wind load case 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.
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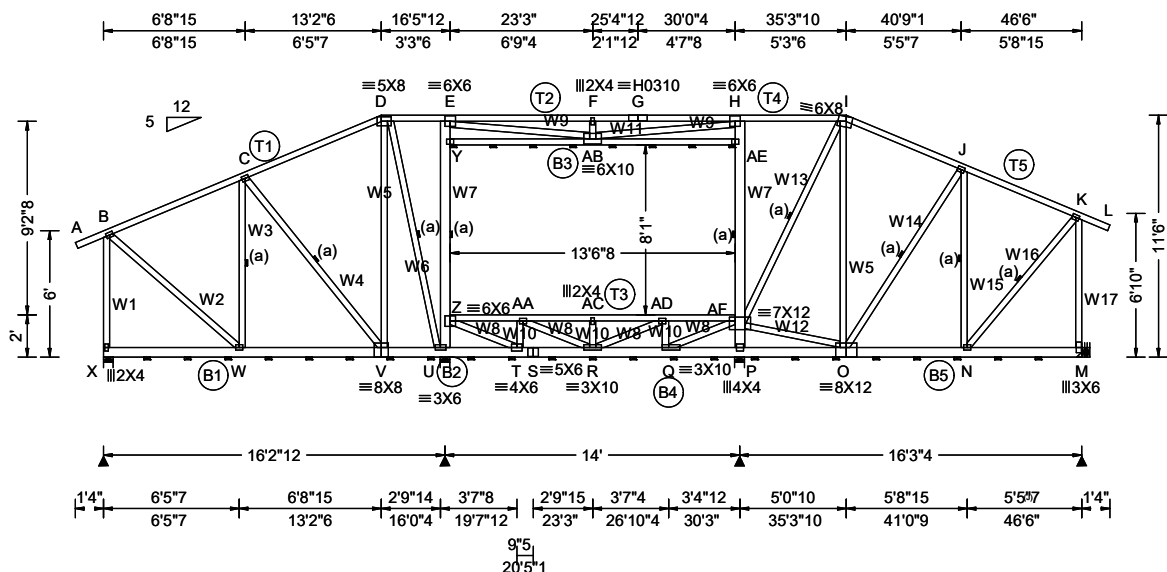
Chords		Tens.Comp.		Chords		Tens. Comp.	
A - B	30	0	G - H	257	-1978		
B - C	1405	-92	H - I	234	-2417		
C - D	141	-1533	I - J	132	-1220		
D - E	239	-2575	J - K	1739	-82		
E - F	260	-2225	K - L	1271	-71		
F - G	262	-1951	L - M	30	0		

Maximum Bot Chord Forces Per Ply (lbs)							
Chords		Tens.Comp.		Chords		Tens. Comp.	
B - V	125	-1293	R - Q	2277	-57		
V - U	113	-1148	Q - P	1198	-10		
U - T	1512	-74	P - O	159	-1713		
T - S	2380	-106	O - N	102	-1187		
S - R	2067	-60	N - L	104	-1180		

Maximum Web Forces Per Ply (lbs)							
Webs		Tens.Comp.		Webs		Tens. Comp.	
V - C	192	-2300	R - H	67	-587		
C - U	2801	-181	H - Q	308	0		
U - D	133	-1044	Q - I	1252	-50		
D - T	947	-29	I - P	141	-1384		
T - E	144	-173	P - J	2892	-155		
E - S	64	-435	O - J	198	-2265		
F - S	250	0	O - K	54	-668		
F - R	100	-418	K - N	307	0		
G - R	1026	-59					

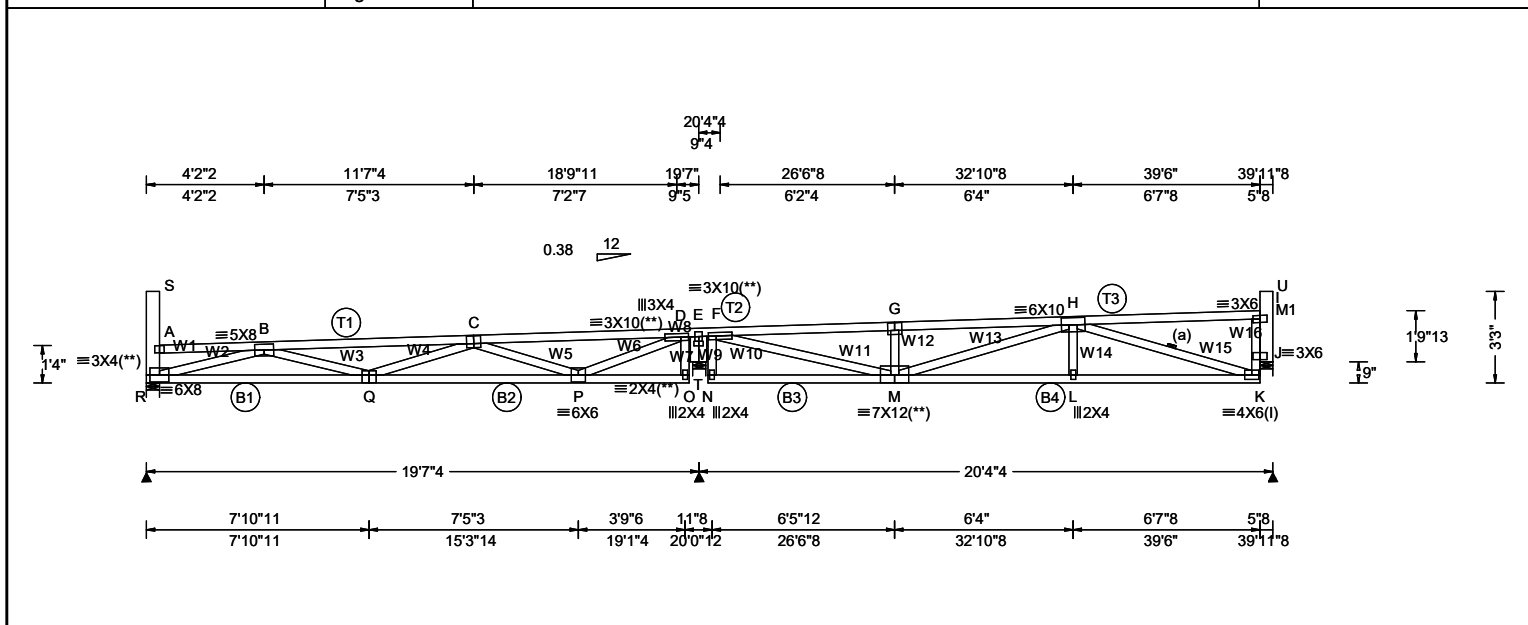
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 30.00	Wind Std: ASCE 7-16	Pg: 20.0 Ct: 1.1 CAT: II	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 15.00	Speed: 100 mph	Pf: 15.4 Ce: 1.0	VERT(LL): 0.151 F 999 240	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: - Cs: 1.00	VERT(CL): 0.287 F 594 240	X 690 -/- /- /366 -/- /251
BCDL: 10.00	Risk Category: II	Snow Duration: 1.15	HORZ(LL): -0.013 H - -	U 2988 -/- /- /1047 /33 -/-
Des Ld: 55.00	EXP: C Kzt: NA		HORZ(TL): 0.022 H - -	P 3114 -/- /- /1016 -/- -/-
NCBCLL: 10.00	Mean Height: 20.77 ft		Creep Factor: 2.0	M 809 -/- /- /374 -/- -/-
Soffit: 2.00	TCDL: 5.0 psf	Building Code:	Max TC CSI: 0.910	Wind reactions based on MWFRS
Load Duration: 1.15	BCDL: 3.0 psf	IRC 2018	Max BC CSI: 0.241	X Brg Wid = 5.5 Min Req = 1.5 (Truss)
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max Web CSI: 0.564	U Brg Wid = 5.5 Min Req = 2.1 (Truss)
	C&C Dist a: 4.65 ft	Rep Fac: Yes	Mfg Specified Camber:	P Brg Wid = 5.5 Min Req = 2.2 (Truss)
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		M Brg Wid = - Min Req = -
	GCpi: 0.18	Plate Type(s):		Bearings X, U, & P are a rigid surface.
	Wind Duration: 1.33	WAVE, HS	VIEW Ver: 24.02.01C.0416.18	Maximum Top Chord Forces Per Ply (lbs)
Lumber		Wind		Chords Tens.Comp. Chords Tens. Comp.
Top chord: 2x4 SPF #1/#2; T1 2x4 SPF 1650f-1.5E;		Wind loads based on MWFRS with additional C&C member design.		A - B 48 -4 G - H 380 -1765
Bot chord: 2x6 SP 2400f-2.0E; B3 2x4 SPF #1/#2;		Left end vertical exposed to wind pressure. Deflection meets L/360.		B - C 61 -354 H - I 447 -15
Webs: 2x4 SPF #1/#2; W7 2x6 SP 2400f-2.0E;		Right end vertical not exposed to wind pressure.		C - D 356 -62 I - J 275 -179
Bracing		Wind loading based on both gable and hip roof types.		D - E 473 -6 J - K 73 -374
(a) Continuous lateral restraint equally spaced on member.				E - F 377 -1765 K - L 48 0
				F - G 380 -1765
Plating Notes		Additional Notes		Maximum Bot Chord Forces Per Ply (lbs)
All plates are 3X4 except as noted.		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.		Chords Tens.Comp. Chords Tens. Comp.
Hangers / Ties		Top Chord overhang(s) may be field trimmed.		X - W 197 -189 R - Q 726 -45
(J) Hanger Support Required, by others				W - V 298 -109 Q - P 57 -1027
Loading				V - U 134 -247 P - O 58 -1013
Bottom chord checked for 10.00 psf non-concurrent live load.				U - T 150 -490 O - N 276 -34
Attic room loading from 16-5-12 to 30-0-4: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF				T - S 1004 -37 N - M 0 0
Truss designed for unbalanced snow loads.				S - R 1004 -37
Purlins				Maximum Web Forces Per Ply (lbs)
In lieu of rigid ceiling use purlins to brace BC @ 24" oc.				Webs Tens.Comp. Webs Tens. Comp.
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.				B - X 62 -640 AB- H 2315 -300
				B - W 346 0 AB-AE 27 -163
				W - C 157 -66 AC- R 3 -286
				C - V 180 -720 AC-AD 0 -1408
				D - V 518 -105 AD- Q 0 -617
				D - U 160 -916 AD-AF 0 -837
				U - Z 103 -1662 Q -AF 1591 0
				Y - Z 128 -1028 H -AE 132 -986
				Y - E 125 -958 AE-AF 134 -1051
				Y -AB 20 -185 AF- P 219 -2743
				Z - T 1260 0 AF- O 1009 0
				Z -AA 0 -1081 AF- I 148 -759

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)																																																																																																																																												
TCLL: 20.00 TCDL: 15.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 45.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.15 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 115 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 25.05 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.96 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: IRC 2018 TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): Single Roller WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.148 C 999 240 VERT(CL): 0.297 Q 791 240 HORZ(LL): 0.022 O - - HORZ(TL): 0.047 O - - Creep Factor: 2.0 Max TC CSI: 0.749 Max BC CSI: 0.328 Max Web CSI: 0.742 Mfg Specified Camber: VIEW Ver: 24.02.01C.0416.18	<table><thead><tr><th colspan="2">Gravity</th><th colspan="3">Non-Gravity</th></tr><tr><th>Loc</th><th>R+ / R-</th><th>/ Rh</th><th>/ Rw</th><th>/ U / RL</th></tr></thead><tbody><tr><td>R</td><td>818</td><td>-</td><td>-</td><td>/477 /129 /191</td></tr><tr><td>T</td><td>1861</td><td>-</td><td>-</td><td>/1050 /311 -</td></tr><tr><td>J</td><td>863</td><td>-</td><td>-</td><td>/484 /131 -</td></tr></tbody></table> Wind reactions based on MWFRS R Brg Wid = 5.5 Min Req = 1.5 (Truss) T Brg Wid = 5.5 Min Req = 1.5 (Support) J Brg Wid = 5.5 Min Req = 1.5 (Support) Bearings R, T, & J are a rigid surface. <table><thead><tr><th colspan="5">Maximum Top Chord Forces Per Ply (lbs)</th></tr><tr><th>Chords</th><th>Tens.Comp.</th><th>Chords</th><th>Tens. Comp.</th><th></th></tr></thead><tbody><tr><td>A - B</td><td>325 - 559</td><td>E - F</td><td>126 - 182</td><td></td></tr><tr><td>B - C</td><td>939 - 2907</td><td>F - G</td><td>807 - 2130</td><td></td></tr><tr><td>C - D</td><td>433 - 1492</td><td>G - H</td><td>816 - 2129</td><td></td></tr><tr><td>D - E</td><td>106 - 196</td><td>H - I</td><td>136 - 157</td><td></td></tr></tbody></table> <table><thead><tr><th colspan="5">Maximum Bot Chord Forces Per Ply (lbs)</th></tr><tr><th>Chords</th><th>Tens.Comp.</th><th>Chords</th><th>Tens. Comp.</th><th></th></tr></thead><tbody><tr><td>R - Q</td><td>2424 - 1311</td><td>N - M</td><td>24 - 13</td><td></td></tr><tr><td>Q - P</td><td>2892 - 1216</td><td>M - L</td><td>2011 - 687</td><td></td></tr><tr><td>P - O</td><td>23 - 13</td><td>L - K</td><td>2011 - 687</td><td></td></tr></tbody></table> <table><thead><tr><th colspan="5">Maximum Web Forces Per Ply (lbs)</th></tr><tr><th>Webs</th><th>Tens.Comp.</th><th>Webs</th><th>Tens. Comp.</th><th></th></tr></thead><tbody><tr><td>R - A</td><td>62 - 88</td><td>F - M</td><td>2171 - 704</td><td></td></tr><tr><td>R - B</td><td>1170 - 2425</td><td>G - M</td><td>253 - 458</td><td></td></tr><tr><td>S - A</td><td>20 - 12</td><td>M - H</td><td>116 - 27</td><td></td></tr><tr><td>B - Q</td><td>680 - 74</td><td>H - L</td><td>278 0</td><td></td></tr><tr><td>Q - C</td><td>335 0</td><td>H - K</td><td>720 - 2057</td><td></td></tr><tr><td>C - P</td><td>780 - 1507</td><td>J - K</td><td>674 - 189</td><td></td></tr><tr><td>P - D</td><td>1600 - 523</td><td>I - J</td><td>674 - 189</td><td></td></tr><tr><td>D - O</td><td>49 0</td><td>I - J</td><td>300 - 865</td><td></td></tr><tr><td>E - T</td><td>696 - 1861</td><td>I - U</td><td>16 - 26</td><td></td></tr><tr><td>N - F</td><td>115 0</td><td></td><td></td><td></td></tr></tbody></table>	Gravity		Non-Gravity			Loc	R+ / R-	/ Rh	/ Rw	/ U / RL	R	818	-	-	/477 /129 /191	T	1861	-	-	/1050 /311 -	J	863	-	-	/484 /131 -	Maximum Top Chord Forces Per Ply (lbs)					Chords	Tens.Comp.	Chords	Tens. Comp.		A - B	325 - 559	E - F	126 - 182		B - C	939 - 2907	F - G	807 - 2130		C - D	433 - 1492	G - H	816 - 2129		D - E	106 - 196	H - I	136 - 157		Maximum Bot Chord Forces Per Ply (lbs)					Chords	Tens.Comp.	Chords	Tens. Comp.		R - Q	2424 - 1311	N - M	24 - 13		Q - P	2892 - 1216	M - L	2011 - 687		P - O	23 - 13	L - K	2011 - 687		Maximum Web Forces Per Ply (lbs)					Webs	Tens.Comp.	Webs	Tens. Comp.		R - A	62 - 88	F - M	2171 - 704		R - B	1170 - 2425	G - M	253 - 458		S - A	20 - 12	M - H	116 - 27		B - Q	680 - 74	H - L	278 0		Q - C	335 0	H - K	720 - 2057		C - P	780 - 1507	J - K	674 - 189		P - D	1600 - 523	I - J	674 - 189		D - O	49 0	I - J	300 - 865		E - T	696 - 1861	I - U	16 - 26		N - F	115 0			
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Wind Wind loads based on MWFRS with additional C&C member design. End verticals exposed to wind pressure. Deflection meets L/360.	Additional Notes Truss must be installed as shown with top chord up.																																																																																																																																															

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