

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	١
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	ı
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.239 M 999 480	١
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.480 M 784 360	1
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.122 D	ı
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.253 D	١
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	١
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.595	ı
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.387	ı
Spacing: 24.0 "	C&C Dist a: 3.17 ft	Rep Fac: Yes	Max Web CSI: 0.697	١
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		١
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08	١
Lumahau	•	•		_

Top chord 2x4 SP #2 :T2 2x8 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Attic room loading from 9-9-8 to 21-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

Additional Notes

The overall height of this truss excluding overhang is 11-4-5.

Non-Gravity Gravity Loc R+ / R-/Rw /U / RL 2278 /-/233 /329 2176 /-/786 /205 /-Wind reactions based on MWFRS Brg Width = 3.5Min Reg = 1.9R Brg Width = 3.5 Min Req = 1.8 Bearings R & S are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 448 53 0 F-G - 50 350 - 3168 B - C G-H 348 - 2238

Maximum	Bot Chord	Forces	Per Ply (lbs)

378 - 3246

344 - 2239

C - D

D - E

Chords	Tens.C	omp.	Chords	Tens. (Comp.
B - P P - O	2559 2577		M - L L - K	2595 2595	- <u>222</u> - 222
O - N	2577		K-J	2595 2577	- 222 - 222
N - M	2334	- 102			

H - I

I-J

391 - 3249

379 - 3187

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
P-C	109 - 638	Q-G	450 - 3076	
C - N	193 - 544	M - H	1657 - 126	
D - N	1649 - 110	M - I	214 - 572	
E-Q	450 - 3076	I-K	145 - 626	
F-Q	696 - 93			

PREIMMARY AND FLORICONSTRINCTIONS PREIMMARY AND FLORICONSTRINCTIONS TO THE PROPERTY OF THE P **WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

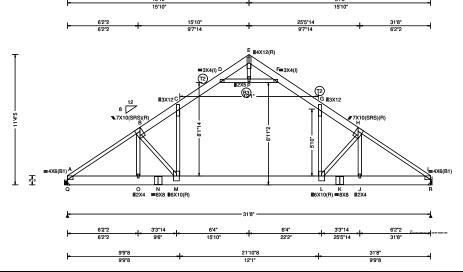
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SEQN: 655965 ATIC Job Number: T39 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 7 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: A02 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (II	bs)
TCLL: 20.00	Wind Std: ASCE 7-10	(0, ,	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00 BCLL: 0.00	Speed: 130 mph Enclosure: Closed Risk Category: II	Pf: NA Ce: NA Lu: NA Cs: NA	VERT(LL): 0.239 L 999 480 VERT(CL): 0.481 L 783 360	Loc R+ /R- /Rh Q 2179 /- /-	/Rw /U /RL /786 /207 /294
BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00	EXP: C Kzt: NA Mean Height: 15.08 ft TCDL: 5.0 psf	Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES	HORZ(LL): 0.123 C HORZ(TL): 0.256 C Creep Factor: 2.0	R 2179 /- /- Wind reactions based on M Q Brg Width = - R Brg Width = -	/786 /207 /- /WFRS Min Req = - Min Reg = -
Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.17 ft	TPI Std: 2014 Rep Fac: Yes	Max BC CSI: 0.388 Max Web CSI: 0.700	Maximum Top Chord For Chords Tens.Comp.	ces Per Ply (lbs) Chords Tens. Comp.
Opaoing. 24.0	Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	FT/RT:20(0)/10(0) Plate Type(s): WAVE	VIEW Ver: 18.02.01B.0321.08	B - C 396 - 3264 I	E - F 451 - 49 F - G 352 - 2248 G - H 396 - 3264
Lumbau	Willia Baration. 1.00	******	VIEW VCI. 10.02.01B.0021.00		H - I 383 - 3207

Top chord 2x4 SP #2 :T2 2x8 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Hangers / Ties

(J) Hanger Support Required, by others

Attic room loading from 9-9-8 to 21-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

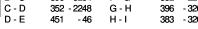
Purlins

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

Additional Notes

The overall height of this truss excluding overhang is



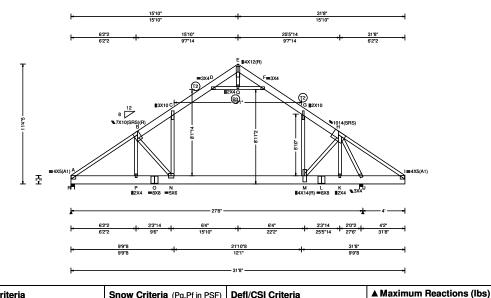
Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - O 2594 - 226 L-K 2611 - 226 O - N 2611 - 226 K-J 2611 - 226 N - M 2611 - 226 J - I 2594 - 225 M - L 2345

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. O - B 131 - 622 455 - 3093 204 - 583 B - M L-G 1667 - 129 - 128 C - M 1667 L-H 216 - 583 D-P 455 - 3093 H - J 148 -622 F-P 699 - 94

PREIMMARY AND FOR CONSTRUCTION *WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.08 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.17 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.247 N 999 480 VERT(CL): 0.494 N 664 360 HORZ(LL): 0.135 C HORZ(TL): 0.274 C Creep Factor: 2.0 Max TC CSI: 0.539 Max BC CSI: 0.455 Max Web CSI: 0.863 VIEW Ver: 18.02.01B.0321.08	- 1
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Top chord 2x4 SP #2 :T2 2x8 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Loading

Attic room loading from 9-9-8 to 21-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Right cantilever is exposed to wind

Additional Notes

The overall height of this truss excluding overhang is

VERT(LL): 0.247 N	aga	480	ı
, ,			ı
VERT(CL): 0.494 N	664	360	ı
HORZ(LL): 0.135 C	-	-	
HORZ(TL): 0.274 C	-	-	
Creep Factor: 2.0			l
Max TC CSI: 0.539			l
May DO COL DIEE			ı

D-E 319 - 69 H - I 257 Maximum Bot Chord Forces Per Ply (lbs)

Gravity

/ R-

Brg Width = 3.5

Chords Tens.Comp.

Wind reactions based on MWFRS Brg Width = 4.0

Bearings R & J are a rigid surface. Maximum Top Chord Forces Per Ply (lbs)

334 - 2719

320 - 2509

296 - 1693

Loc R+

R

A - B

B - C

C - D

1870 /-

2500 /-

Chords	Tens.C	comp.	Chords	Tens. (Comp.
A - P	2186	- 186	M - L	933	- 53
P - O	2189	- 184	L-K	933	- 53
O - N	2189	- 184	K-J	899	- 50
N - M	1741	- 63	J - I	185	- 188

Non-Gravity

/209 /-

/ RL

/178 /294

Tens. Comp.

- 70 293 - 1797

- 154

198

284 - 2307

/Rw /U

Min Reg = 1.5

Min Req = 1.7

/984

Chords

E-F

F-G G-H

Maximum Web Forces Per Ply (lbs)

Tens.Comp.	Webs	Tens. Comp.
255 - 197	Q-F	362 - 2162
239 - 832	M - G	840 - 63
1301 - 92	M - H	1484 - 61
362 - 2162	H - K	125 - 1071
506 - 74	H - J	263 - 2144
	239 - 832 1301 - 92 362 - 2162	255 - 197 Q - F 239 - 832 M - G 1301 - 92 M - H 362 - 2162 H - K

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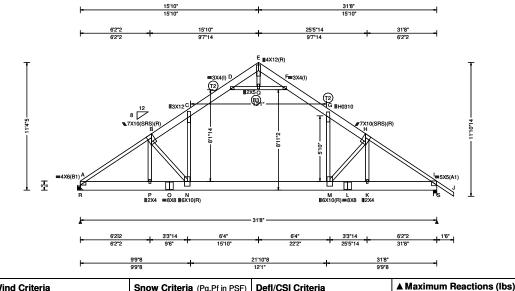
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal 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.



J.Imhaft. Hof For Constitution



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.240 N 999 480
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.482 N 781 360
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.124 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.256 C
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.596
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.387
Spacing: 24.0 "	C&C Dist a: 3.17 ft	Rep Fac: No	Max Web CSI: 0.698
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08

Top chord 2x4 SP #2 :T2 2x8 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=0' uses the following support conditions: 0' Bearing R (0', 9') HUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting member.

(6) 0.148"x3" nails into supported member.

Loading

Attic room loading from 9-9-8 to 21-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

Additional Notes

The overall height of this truss excluding overhang is

Gravity

/R

Loc R+

2174 /-/205 2286 /878 /233 /-Wind reactions based on MWFRS

Non-Gravity

/ RL

/Rw /U

Brg Width = -R Min Rea =

Brg Width = 3.5 Min Reg = 1.9Bearing S is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

A - B	383 - 3200	F-G	346	- 2241
B - C	393 - 3254	G-H	381	- 3249
C - D	349 - 2240	H - I	353	- 3168
D-E	449 - 46	l - J	57	0
	447 40			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (Comp.
A - P	2588	- 195	M - L	2578	- 182
P - O	2605	- 195	L-K	2578	- 182
O - N	2605	- 195	K-I	2559	- 181
N - M	2337	- 74			

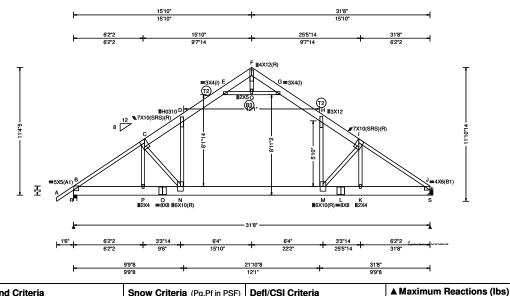
Maximum Web Forces Per Ply (lbs)

vveos	rens.comp.	webs	rens. Comp.
P - B	129 - 616	Q-F	451 - 3079
B - N	207 - 585	M - G	1650 - 111
C - N	1661 - 128	M - H	213 - 541
D - Q	451 - 3079	H - K	129 - 641
E-Q	697 - 93		

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	ı
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	1
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.240 M 999 480	Л
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.482 M 781 360	Л
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.122 D	١
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.253 D	1
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	1
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.596	1
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.387	1
Spacing: 24.0 "	C&C Dist a: 3.17 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.699	1
'	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		1
	GCpi: 0.18	Plate Type(s):		╛
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08	١
Lumahau				_

Top chord 2x4 SP #2 :T2 2x8 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Hangers / Ties

(J) Hanger Support Required, by others

Attic room loading from 9-9-8 to 21-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

Additional Notes

The overall height of this truss excluding overhang is

Bearing R is a rigid surface. Maximum Top Chord Forces Per Ply (lbs)

Wind reactions based on MWFRS Brg Width = 3.5

Gravity

Brg Width = -

/ R-

Loc R+

R

2286 /-

2174

Chords Tens.Comp. Chords Tens. Comp. 449 A - B F-G - 50 0 350 - 3168 G-H 349 - 2240 B - C C - D 378 - 3249 H - I 392 - 3254 D - E 344 - 2241 I-J 380 - 3200

Non-Gravity

/205 /-

/ RL

/233 /329

/Rw /U

Min Rea = 1.9

Min Rea = -

/786

Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.comp.		Choras	rens. (Jomp.	
B - P P - O		- 209 - 210	M - L L - K	2605 2605		
O - N N - M	2577 2337	- 210 - 103	K - J	2588	- 223	

Maximum Web Forces Per Ply (lbs)

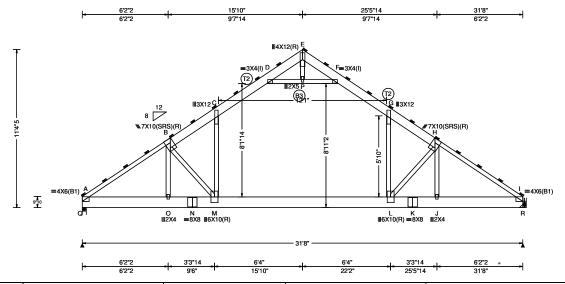
vvebs	rens.comp.	webs	rens. Comp.	
P-C	109 - 641	Q-G	450 - 3079	
C - N	193 - 541	M - H	1662 - 127	
D - N	1650 - 110	M - I	213 - 585	
E-Q	450 - 3079	I-K	148 - 616	
F-Q	697 - 93			

PREIMMARY AND TEO PECONSTRUCTIONS PREIMMARY AND TEO PECONSTRUCTIONS PREIMMARY AND TEO PECONSTRUCTIONS TO THE PERIMMARY AND TEO PECONSTRUCTIONS TO THE PERIMMARY AND TEO PECONSTRUCTIONS THE PERIMMARY AND TEO PE **WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	l
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	l
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.239 L 999 480	l
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.481 L 782 360	ŀ
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.122 C	l
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.255 C	ľ
NCBCLL: 10.00	Mean Height: 15.08 ft	Code / Misc Criteria	Creep Factor: 2.0	ŀ
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.737	l
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.436	l
Spacing: 48.0 "	C&C Dist a: 3.17 ft	Rep Fac: No	Max Web CSI: 0.699	l
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Į,
	GCpi: 0.18	Plate Type(s):]
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	l
Lumber		Wind		- '

Top chord 2x4 SP #2 :T2 2x8 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @ 8.50" o.c. Bot Chord: 1 Row @ 12.00" o.c. Webs :1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Hangers / Ties

(J) Hanger Support Required, by others

Attic room loading from 9-9-8 to 21-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

In lieu of structural panels use purlins to brace TC @ 24" oc.

Collar-tie braced with continuous lateral bracing at 24" oc

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

Full Height Blocking reinforcement required to prevent buckling of members over the bearings: bearing 1 located at 0.00'

Additional Notes

The overall height of this truss excluding overhang is

▲ Maximum Reactions (Ibs) Gravity

Gravity			Non-	Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw /	U	/ RL	
Q	4360	/-	/-	/1572 /4	414	/588	
R	4355	/-	/-	/1571 /4	413	/-	
Wir	Wind reactions based on MWFRS						
Q	Brg W	/idth =	3.5	Min Req =	= 1.8		
R	Bra W	/idth =	-	Min Reg :	= -		

Bearing Q is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

A - B	382 - 3194	E-F	450	- 49
B-C C-D	395 - 3260	F-G	351	- 2245
C-D	351 - 2246	G-H	396	- 3261
D - E	449 - 46	H - I	383	- 3204

Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.Comp.		Choras	rens. (omp.
A - O	2583 -	- 225	L-K	2609	- 225
O - N	2600 -	- 225	K-J	2609	- 225
N - M	2600 -	225	J - I	2592	- 225
M - L	2343 -	106			

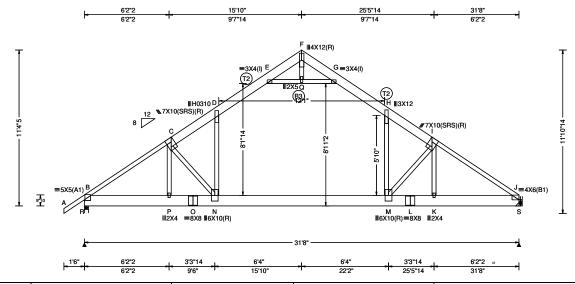
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
O - B	127 - 632	P-F	454 - 3088
B - M	203 - 570	L-G	1665 - 128
C - M	1662 - 128	L - H	216 - 584
D - P	454 - 3088	H - J	148 - 620
E D	600 04		

ARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING! FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS *WARNING**

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	ı
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	ı
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.240 M 999 480	1.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.482 M 782 360	ı
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.122 D	ı
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.253 D	ľ
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	ı
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.790	ı
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.435	ı
Spacing: 48.0 "	C&C Dist a: 3.17 ft	Rep Fac: No	Max Web CSI: 0.699	ı
opasing: 10.0	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		1.
	GCpi: 0.18	Plate Type(s):]
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08]

Top chord 2x4 SP #2 :T2 2x8 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @ 8.50" o.c. Bot Chord: 1 Row @ 12.00" o.c. Webs : 1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Hangers / Ties

(J) Hanger Support Required, by others

Attic room loading from 9-9-8 to 21-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

In lieu of structural panels use purlins to brace TC @ 24" oc.

Collar-tie braced with continuous lateral bracing at 24" oc

Wind

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

Full Height Blocking reinforcement required to prevent buckling of members over the bearings: bearing 1 located at 0.00'

Additional Notes

The overall height of this truss excluding overhang is

▲ Maximum Reactions (Ibs) Gravity

	Gravity			No	n-Grav	/ity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	4558 4349	/-	/-	/1756	/466	/658
s	4349	/-	/-	/1571	/410	/-
Wind reactions based on MWFRS						
l R	Bra W	/idth -	3.5	Min Re	n – 19	ı

Brg Width = -Min Req = -Bearing R is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

A - B	53 0	F-G	449	- 50
B - C	350 - 3170	G-H	349	- 2240
C - D	378 - 3250	H - I	392	- 3254
D-E	344 - 2242	I - J	380	- 3200
E-F	447 - 45			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (Comp.
B - P	2561	- 209	M - L	2606	- 223
P - O	2579	- 210	L-K	2606	- 223
O - N	2579	- 210	K - J	2589	- 223
N - M	2337	- 103			

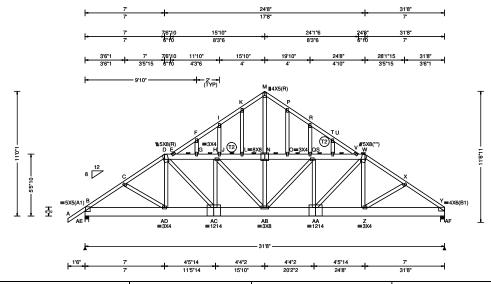
Maximum Web Forces Per Ply (lbs)

s. Comp.
60 - 3080
2 - 127
3 - 585
8 -616

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.090 T 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.183 T 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.021 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.043 F
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.668
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.197
Spacing: 24.0 "	C&C Dist a: 3.17 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.354
Special State	Loc. from endwall: Anv	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
l	•		

Top chord 2x4 SP #2 :T2 2x6 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E Webs 2x4 SP #3

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c. Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 64 plf at -1.50 to 64 plf at 31.67 BC: From 5 plf at -1.50 to 5 plf at 0.00 0.00 BC: From 20 plf at 0.00 to 20 plf at TC: 304 lb Conc. Load at 7.03,24.64 31.67

199 lb Conc. Load at 9.06,11.06,13.06,15.06 16.60,18.60,20.60,22.60

BC: 485 lb Conc. Load at 7.03,24.64

BC: 134 lb Conc. Load at 9.06,11.06,13.06,15.06 16.60,18.60,20.60,22.60

Plating Notes

All plates are 2X4 except as noted.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

Wind loads based on MWFRS.

Blocking

Full Height Blocking reinforcement required to prevent buckling of members over the bearings: bearing 2 located at 31.33' bearing 1 located at 0.00'

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

The overall height of this truss excluding overhang is 11-0-1

▲ Maximum Reactions (lbs)

	Gra	vity		Non-Gravity				
Loc F	/ +۲	R-	/ Rh	/ Rw	/ U	/ RL		
AE 42	280 /	-	/-	/1112	/995	/486		
AF 41	60 /	<u>'</u> -	/-	/972	/920	/-		
Wind reactions based on MWFRS								

AE Brg Width = 4.0 Min Reg = 1.8AF Brg Width = 4.0 Min Req = 1.7 Bearings AE & AF are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Tens.Comp.	Chords	Tens. Comp.
45 - 13	M - P	208 - 897
733 - 3144	N - O	526 - 2337
701 - 3040	O - Q	525 - 2334
710 - 3110	P - R	216 - 927
230 - 976	Q-S	523 - 2326
547 - 2404	R-U	210 - 904
211 - 903	S - T	545 - 2425
549 - 2409	T - V	542 - 2419
523 - 2326	U - V	229 - 978
217 - 926	V - W	705 - 3126
525 - 2334	W - X	694 - 3075
208 - 896	X - Y	722 - 3195
526 - 2337		
	45 - 13 733 - 3144 701 - 3040 710 - 3110 230 - 976 547 - 2404 211 - 903 549 - 2409 523 - 2326 217 - 926 525 - 2334 208 - 896	45 -13 M - P 733 - 3144 N - O 701 - 3040 O - Q 710 - 3110 P - R 230 - 976 Q - S 547 - 2404 R - U 211 - 903 S - T 549 - 2409 T - V 523 - 2326 U - V 217 - 926 V - W 525 - 2334 W - X 208 - 896 X - Y

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
B -AD	2546	- 591	AB-AA	3172	- 719	
AD-AC	2514	- 578	AA-Z	2539	- 574	
AC-AB	3157	- 724	Z - Y	2590	- 584	

Maximum Web Forces Per Ply (lbs)

vvebs	rens.C	omp.	webs	rens. (Jomp.
C -AD	88 112	- 61 - 12	N -AB S -AA	472 143	- 102 - 428
D -AC		- 205	AA- W	913	- 206
AC- H H -AB	142 111	- 437 - 167	W - Z Z - X	122 94	- 27 - 74
AB- S	109	- 190			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.			
F-G	59 - 103	O - P	56 - 173			
I - J	88 - 272	Q-R	86 - 276			

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EQN: 655958 ROM: CDM age 2 of 2	GABL	Ply: 2 Qty: 1	Job Number: /LOT 27 BRITTANY (J Truss Label: A08	JL) /MILTON SMITH					Cust: R N. DrwNo: /		09/30/201	T5 19
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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

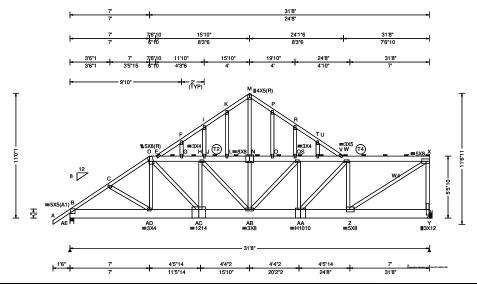
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.bscindustry.com; ICC: www.bscindustry.com; ICC: www.bscindustry.com; ICC: www.alpineitw.com; IPI: www.bscindustry.com; ICC: www.bscindustry.com; ICC: www.bscindustry.com; ICC: <a href="https:





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	ı
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	l
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.095 P 999 240	l
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.192 P 999 180	l
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.023 F	l
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.047 F	l
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	l
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.662	l
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.196	l
Spacing: 24.0 "	C&C Dist a: 3.17 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.751	l
'	Loc. from endwall: Anv	FT/RT:20(0)/10(0)		l
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08	

Top chord 2x4 SP #2 :T2, T4 2x6 SP 2400f-2.0E: Bot chord 2x10 SP 2400f-2.0E Webs 2x4 SP #3 :W4 2x4 SP #2:

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @10.75" o.c. Bot Chord: 1 Row @12.00" o.c. Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

(Lumber	Dur.Fac.=1	1.25 / Plate	: Dur.⊦ac.=	1.25)
TC: From	64 plf at	-1.50 to	64 plf at	7.00
TC: From	32 plf at	7.00 to	32 plf at	31.67
BC: From	5 plf at	-1.50 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	31.67
TC: 304 lb				
TC: 199 lb	Conc. Load	d at 9.06,1	1.06,13.06	,15.06

17.06,19.06,21.06,23.06,25.06,27.06,29.06,31.06 BC: 485 lb Conc. Load at 7.03 BC: 134 lb Conc. Load at 9.06,11.06,13.06,15.06

17.06,19.06,21.06,23.06,25.06,27.06,29.06,31.06

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure.

Blocking

Full Height Blocking reinforcement required to prevent buckling of members over the bearings: bearing 1 located at 0.00'

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

The overall height of this truss excluding overhang is

▲ Maximum Reactions (Ibs)

G	No	Non-Gravity				
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
AE 4244 Y 4693	/-	/-	/-	/994	/-	
Y 4693	/-	/-	/-	/1106	/-	
Wind read	tions b	ased on N	/WFRS			
1						

AE Brg Width = 4.0 Min Rea = 1.8Brg Width = -Min Reg = -Bearing AE is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	45 - 13	L - N	496 - 2200
B-C	732 - 3114	M - P	232 - 958
C - D	700 - 3010	N - O	496 - 2200
D-E	700 - 3044	O - Q	495 - 2197
E-F	250 - 1031	P - R	240 - 986
E-G	522 - 2296	Q - S	493 - 2190
F-I	229 - 954	R - U	240 - 981
G-H	524 - 2301	S - T	519 - 2283
H - J	492 - 2190	T - V	516 - 2275
I-K	235 - 977	U - V	254 - 1038
J - L	495 - 2197	V - W	700 - 3047
K - M	226 - 947	W - X	615 - 2641

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens.	Comp.
B -AD AD-AC AC-AB		- 578	AB-AA AA- Z Z - Y	3060 2740 0	

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.	
C -AD	15	- 40	N -AB	505	- 82
D-AD	135	Ō	S-AA	78	- 230
D -AC	868	- 192	AA- W	478	- 90
AC- H	134	- 401	W - Z	460	- 1645
H -AB	61	- 207	Z - X	3214	- 748
AR-S	47	- 162	X - Y	548	- 2174

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.	
F-G	44 - 98	O - P	58 - 176	
I - J	88 - 272	Q-R	76 - 236	
K-L	57 - 171	T - U	57 - 137	

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SEQN: 655970	GABL	Ply: 2	Job Number:	Cust: RNA	JRef:18-2754	T2 .
FROM: CDM		Qty: 1	/LOT 27 BRITTANY (JL) /MILTON SMITH	DrwNo:		
Page 2 of 2			Truss Label: A09	/	09/30/2019	

M - N 716 - 150

PREIMMARY AND FOR CONSTRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

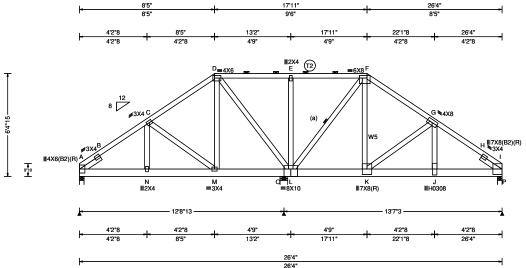
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.072 K 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.142 K 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 J	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.028 J	
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.194	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.778	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.938	
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08	

Top chord 2x4 SP M-31 :T2 2x4 SP #2: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3 :W5 2x4 SP #2: Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500' :Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 3.25" o.c. Webs :1 Row @ 4" o.c. Use equal spacing 4" o.c.

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 64 plf at 0.00 to 64 plf at 26.33 BC: From 20 plf at 0.00 to 20 plf at 14.23 BC: From 10 plf at 14 23 to 10 plf at 26.33 BC: 2174 lb Conc. Load at 14.23,16.23 BC: 2179 lb Conc. Load at 18.23,20.23,22.23,24.23

Purlins

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

Wind loads and reactions based on MWFRS.

Blocking

Full Height Blocking reinforcement required to prevent buckling of members over the bearings: bearing 3 located at 26.04'

Additional Notes

The overall height of this truss excluding overhang is 6-4-15.

▲ Maximum Reactions (Ibs) Non-Gravity Gravity /R / Rw /U 10 Loc 30 /146 0 7024 /1 /-/776 /0 7192 /-/782 /-Wind reactions based on MWFRS Brg Width = 3.5 Min Req = 1.5 Brg Width = 5.7 Min Req = 2.9 Brg Width = 3.5Min Reg = 3.0Bearings A, O, & P are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - R F-F 78 109 - 671 - 693 33

B - C	99	- 646	F-G	336	- 3033
C - D	74	- 451	G - H	509	- 4713
D-E	78	- 693	H - I	519	- 4741

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (Jomp.
A - N	514	- 76	L-K	2499	- 267
N - M	510	- 76	K - J	3786	- 406
M - L	689	- 99	J - I	3863	- 413

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
N - C	134	0	L-F	306	- 2926
C - M	34	- 210	F-K	3804	- 363
D - M	57	- 380	K - G	177	- 1636
D-L	656	- 46	G - J	1954	- 169
E - I	64	- 150			

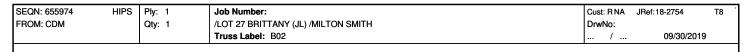
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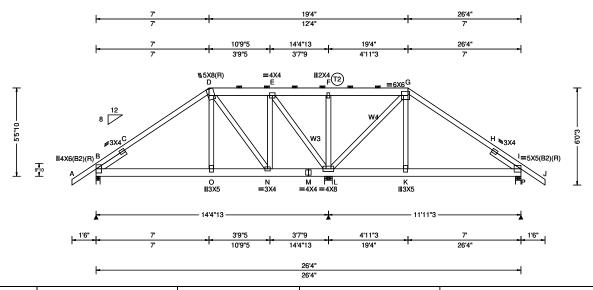
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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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.





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.062 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.126 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.039 H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.080 H
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.727
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.177
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.630
Spinoning Internal	Loc. from endwall: Anv	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

|--|

Top chord 2x4 SP #2 :T2 2x6 SP 2400f-2.0E: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3 :W3, W4 2x4 SP M-31: :Lt Slider 2x4 SP #3: BLOCK LENGTH = 2.100' :Rt Slider 2x4 SP #3: BLOCK LENGTH = 2.100'

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) -1.50 to 64 plf at TC: From 64 plf at 27.83 BC: From 5 plf at -1.50 to 5 plf at 0.00 0.00 to 20 plf at 26.33 to 5 plf at BC: From 20 plf at 26.33 5 plf at BC: From 5 plf at 27.83 TC: 304 lb Conc. Load at 7.03,19.30 TC: 199 lb Conc. Load at 9.06,11.06,13.06,13.94 BC: 485 lb Conc. Load at 7.03,19.30 BC: 134 lb Conc. Load at 9.06,11.06,13.06,13.94 15.27,17.27

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 5-5-10.

Defl/CSI Cri	teria
DD Dofloctio	n in la

i, Immaert, not for consetuction

▲ Maximum Reactions (lbs)

	G	ravity	Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	1227	/-	/-	/-	/293	/-
L	3895	/-	/-	/-	/888	/-
Р	882	/-	/-	/-	/214	/-
Wir	nd read	tions b	ased on N	/WFRS		
В	Brg W	/idth =	3.0	Min Re	q = 1.5	
L	Brg W	/idth =	5.7	Min Re	q = 2.9	
Р	Brg W	/idth =	4.0	Min Re	q = 1.5	

Maximum Top Chord Forces Per Ply (lbs)

Bearings B, L, & P are a rigid surface.

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	52 - 19	F-G	353 - 49
B - C	450 - 1754	G-H	223 - 877
C - D	361 - 1467	H - I	1037 - 1690
D-E	182 - 750	l - J	52 - 19
F.F	351 - 48		

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp	
B - O O - N		- 274 - 275	M - L L - K	699 666	- 175 - 153
N - M	699	- 175	K - I	647	- 151

Maximum Web Forces Per Ply (lbs)

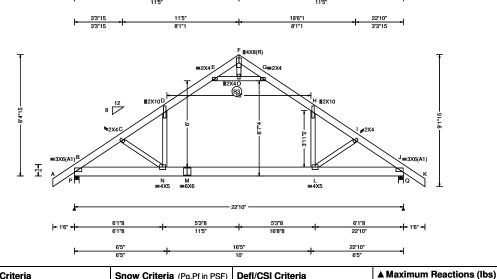
Webs	Tens.Comp.	Webs	Tens. Comp.	
D - O	637 - 30	F-L	366 - 973	
D - N	160 - 745	L-G	288 - 1348	
N - E	866 - 115	K-G	701 - 39	
F - I	301 - 1766			

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SEQN: 655978 ATIC Ply: 1 Job Number: T7 Cust: RNA JRef:18-2754 FROM: CDM Qty: 10 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: C01 09/30/2019



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAA/F	VERT(LL): 0.160 N 999 480 VERT(CL): 0.322 N 839 360 HORZ(LL): 0.100 D HORZ(TL): 0.205 D Creep Factor: 2.0 Max TC CSI: 0.547 Max BC CSI: 0.393 Max Web CSI: 0.404
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

Lumber

Top chord 2x6 SP 2400f-2.0E Bot chord 2x8 SP 2400f-2.0E :B3 2x4 SP #2: Webs 2x4 SP #3

Attic room loading from 6-5-0 to 16-5-0: Live Load: 30 PSF. Dead Load: 10 PSF Ceiling: 5 PSF, Kneewalls: 5 PSF

Truss designed for sleeping room only. No waterbeds permitted. Provide information to contractor, architect, and bldg owner. Trusses to be visibly stamped to indicate 30.00 psf MAX LL.

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 8-4-15.

F)	Defl/CSI Criteria	▲
NΑ	PP Deflection in loc L/defl L/#	
A	VERT(LL): 0.160 N 999 480	Lo
	VERT(CL): 0.322 N 839 360	Р
	HORZ(LL): 0.100 D	Q
	HORZ(TL): 0.205 D	W
	Creep Factor: 2.0	Р
s	Max TC CSI: 0.547	Q
-	Max BC CSI: 0.393	Be
	Max Web CSI: 0.404	М
	1700 CC. 0.404	CI
		A
		_

	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
	Р	1554	/-	/-	/654	/174	/263
	Q	1554	/-	/-	/654	/174	/-
	Wir	nd rea	ctions b	ased on	MWFRS		
	Р	Brg \	Nidth =	4.0	Min Re	q = 1.5	
	Q	Brg \	Nidth =	4.0	Min Re	q = 1.5	
	Bea	arings	P&Qa	ıre a rigi	d surface.	•	
Maximum Top Chord Forces Per Ply (lbs)							
	Max	ximur	n Top C	hord F	orces Per	Ply (lbs	3)
					orces Per Chords		•
		ords .					•
	Cho	ords [*] B	Tens.Co	omp. 0	Chords	Tens.	Comp.
	Cho A -	ords [*] B C	Tens.Co 57	omp. 0 2241	Chords F - G	Tens. 377	Comp. - 36
	Cho A - B -	ords [*] B C D	Tens.Co 57 253 -	0 2241 1998	Chords F - G G - H	Tens. 377 249	Comp. - 36 - 1388
	A - B - C -	ords T B C D E	Tens.Co 57 253 - 241 -	0 2241 1998	F - G G - H H - I	Tens. 377 249 243	Comp. - 36 - 1388 - 1997

Gravity

Non-Gravity

Maximum Bot Chord Forces Per Ply (lbs)							
Chords	Tens.Comp.		Chords Tens. Cor		Comp.		
B - N N - M	1785 1408	- 117 - 35	M - L L - J	1408 1785	- 35 - 132		

um Woh Forose Dor Dly (lbe)

Maximum web roices rei riy (ibs)								
Webs	Tens.Com	p. Webs	Tens.	Comp.				
C - N	126 - 4	97 O-G	331	- 2000				
N - D	912 -	31 H-L	911	- 31				
E - O	331 - 20	00 L-I	125	- 496				
F-0	470 -	74						

PREIMMARY AND FLORE ONE TRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

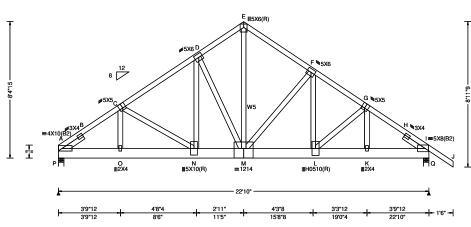
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SEQN: 655983 COMN Ply: 3 Job Number: T4 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: C02 09/30/2019





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	l
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	l
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.125 N 999 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.250 N 999 180	l
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.035 C	l
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.069 C	ľ
NCBCLL: 0.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	l
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.594	l
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.391	l
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.646	l
opasg. =	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		L
	GCpi: 0.18	Plate Type(s):		l
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08	1

Lumber

Top chord 2x4 SP #2 Bot chord 2x8 SP 2400f-2.0E Webs 2x4 SP #3 :W5 2x4 SP M-31: :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500' :Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Nailnote

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

(Lumber	Dur.Fa	c.=1.	25 / Plate	Dur.Fac.=1	.25)
TC: From	64 plf a	at	0.00 to	64 plf at	24.33
BC: From	20 plf a	at	0.00 to	20 plf at	6.56
BC: From	10 plf a	at	6.56 to	10 plf at	15.77
BC: From	20 plf a	at	15.77 to	20 plf at	22.83
BC: From	5 plf a	at	22.83 to	5 plf at	24.33
BC: 2179 lb	Conc. I	Load	at 6.56	-	
BC: 4355 lb	Conc. I	Load	at 8.50		
BC: 4349 lb	Conc. I	Load	at 11.88		
BC: 2174 lb	Conc. I	Load	at 13.77		
BC: 4693 lb	Conc. I	l nad	at 15 77		

Wind loads and reactions based on MWFRS.

Blocking

Full Height Blocking reinforcement required to prevent buckling of members over the bearings: bearing 1 located at 0.00' bearing 2 located at 22.50'

Additional Notes

The overall height of this truss excluding overhang is 8-4-15.

Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Р	9593 10086	/-	/-	/-	/1223	/-	
Q	10086	S /-	/-	/-	/1554	/-	
Wind reactions based on MWFRS							
lъ	Bra V	Vidth -	4.0	Min Do	a - 26		

Non-Gravity

▲ Maximum Reactions (lbs)

Gravity

Brg Width = 4.0 Min Req = 2.8 Bearings P & Q are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

A - B	619 - 4859	F-G	798	- 5314
B - C	611 - 4833	G - H	741	- 4893
C - D	626 - 4880	H - I	749	- 4919
D - E	548 - 4117	I - J	18	- 7
	552 /12Q			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (Comp.	_
A - O	3952	- 499	M - L	4347	- 646	
O - N	3940	- 498	L-K	3993	- 603	
N - M	3988	- 508	K-I	3999	- 604	

Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	webs	rens. (omp.
0-C	35 - 51	M - F	306	- 1455
C - N	122 - 17	F-L	1695	- 339
N - D	1545 - 130	L-G	581	- 78
D - M	133 - 1328	G-K	90	- 558
E - M	4454 - 569			

PREIMINARY AND TEOR CONSTRUCTION

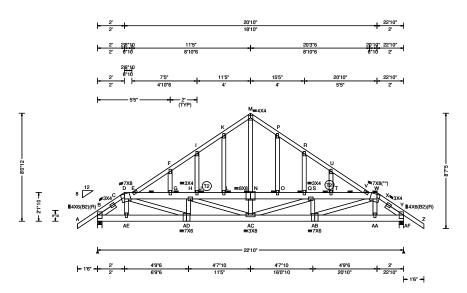
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria				
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#				
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.082 T 999 240				
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.161 T 999 180				
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.028 F				
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.055 F				
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0				
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.442				
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.232				
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.481				
opinioning: =	Loc. from endwall: Anv	FT/RT:20(0)/10(0)					
	GCpi: 0.18	Plate Type(s):					
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08				

Top chord 2x4 SP #2 :T2 2x6 SP 2400f-2.0E: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500' :Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) -1.50 to 64 plf at 2.00 to 32 plf at TC: From 64 plf at 2.00 TC: From 32 plf at 20.28 64 plf at 5 plf at TC: From 64 plf at 20.28 to 24.33 5 plf at 10 plf at BC: From -1.50 to 0.00 0.00 to 10 plf at BC: From 22.83 22.83 to BC: From 5 plf at 5 plf at 40 lb Conc. Load at 2.03,20.80 26 lb Conc. Load at 4.06, 6.06, 8.06,10.06 11.42.12.77.14.77.16.77.18.77 88 lb Conc. Load at 2.03,20.80 37 lb Conc. Load at 4.06, 6.06, 8.06,10.06 11.42,12.77,14.77,16.77,18.77

Plating Notes

All plates are 2X4 except as noted.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

The overall height of this truss excluding overhang is

▲ Maximum Reactions (lbs)

Non-Gravity Gravity Loc R+ / R-/ Rw / U / RL 1964 /-/481 /-AF 1965 /480 /-Wind reactions based on MWFRS Brg Width = 4.0Min Reg = 1.6

AF Brg Width = 4.0 Min Req = 1.6 Bearings B & AF are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs) Chords Tens Comp Chords

Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.comp.		Choras	rens. (∍omp.
B -AE	1827	- 433	AC-AB	3052	- 708
AE-AD	1797	- 421	AB-AA	1799	- 420
AD-AC	3049	- 710	AA- Y	1829	- 432

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.	
D-AE	79	- 107	N -AC	821	- 133
D -AD	1261	- 281	S-AB	147	- 399
AD- H	147	- 398	AB- W	1263	- 280
H -AC	193	- 780	AA- W	79	- 107
AC-S	191	- 784			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
F - G	68 - 160	O - P	60 - 191
I - J	93 - 302	Q - R	93 - 303
K - L	60 - 190	T - U	68 - 161

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SEQN: 655992	GABL	Ply: 1	Job Number:	Cust: RNA	JRef:18-2754	T23 ·
FROM: CDM		Qty: 1	/LOT 27 BRITTANY (JL) /MILTON SMITH	DrwNo:		
Page 2 of 2			Truss Label: C03	/	09/30/2019	

M - N 1095 - 212

PREIMMER AND FOR CONSTRUCTION OF

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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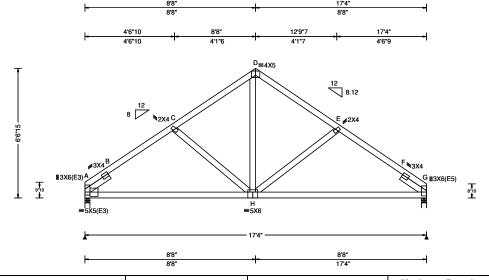
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



Ply: 1 SEQN: 655951 COMN Job Number: T11 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: D01 09/30/2019



▲ Maximum Heactions (IDS)								
		G	aravity		N	on-Grav	/ity	
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
	A 7	29	/-	/-	/425	/114	/161	
	G 7	29	/-	/-	/427	/113	/-	
	Wind	read	ctions b	ased or	MWFRS			
	A E	3rg V	Vidth =	3.0	Min Re	eq = 1.5	;	
	GE	3rg V	Vidth =	3.0	Min Re	eq = 1.5	;	
	Beari	ngs.	A & G a	re a rig	id surface.	•		
	Maxi	mun	n Top C	hord F	orces Per	Ply (lbs	s)	
	Chore	ds ⁻	Tens.Co	mp.	Chords	Tens.	Ćomp.	
	A - B		251 -	1098	D-E	215	- 728	
	в-с		224	- 917	E-F	226	- 923	
	' C - D		219	- 736	F-G	417	- 1207	

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

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

Additional Notes

The overall height of this truss excluding overhang is 6-6-15

Maximu	Maximum Bot Chord Forces Per Ply (lbs)						
Chords	Tens.C	omp.	Chords	Tens. (Comp.		
A - H	721	- 120	H-G	731	- 124		

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - H 131 - 228 H - E 135 - 247 H - D 502 - 138

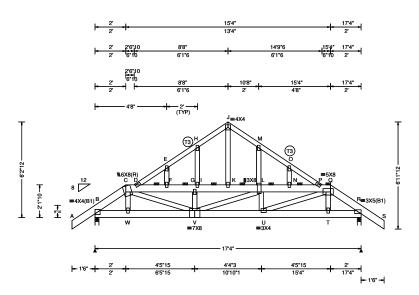
PREIMMARY AND FLOR COME TRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.050 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.098 N 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.019 E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.038 E
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.193
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.194
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.381
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

Top chord 2x6 SP 2400f-2.0E :T3 2x4 SP #2: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3

Special Loads

(Lumber	Dur.Fa	c.=1.2	5 / Plate	e Dur.Fac.=	1.25)
TC: From	64 plf a	at -	1.50 to	64 plf at	2.00
TC: From	32 plf a	at 2	2.00 to	32 plf at	11.27
TC: From	64 plf a	at 1	1.27 to	64 plf at	18.83
BC: From	5 plf a	at -	1.50 to	5 plf at	0.00
BC: From	10 plf a	at (0.00 to	10 plf at	11.27
BC: From	20 plf a	at 1	1.27 to	20 plf at	17.33
BC: From	5 plf a	at 1	7.33 to	5 plf at	18.83
TC: 40 lb	Conc. L	Load a	t 2.03		
TC: 26 lb	Conc. L	∟oad a	t 4.06,	6.06, 8.06,	9.27
BC: 88 lb	Conc. I	Load a	t 2.03		
BC: 37 lb	Conc. I	Load a	t 4.06,	6.06, 8.06,	9.27
BC: 177 lb	Conc. I	Load a	t 11.27		

Plating Notes

All plates are 2X4 except as noted.

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

The overall height of this truss excluding overhang is

▲ Maximum Reactions (lbs) Gravity

	•	·uvity			on ana	,
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
—— В	1532	/-	/-	/-	/377	/-
R	1443	/-	/-	/-	/317	/-
Win	d reac	tione ha	acad on N	////FRS		

Non-Gravity

Brg Width = 3.0Min Reg = 1.5Brg Width = 3.0 Min Req = 1.5 Bearings B & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp	
A - B	90 - 26	J - M	166 - 728	3
B - C	435 - 1817	K-L	376 - 1686	3
C - D	506 - 2267	L - N	332 - 1666	3
D-E	187 - 803	M - O	163 - 734	4
D-F	370 - 1671	N - P	330 - 1659	9
E - H	168 - 739	O - P	180 - 796	3
F-G	373 - 1679	P - Q	462 - 2250)
G-I	373 - 1679	Q - R	355 - 170°	1
H - J	168 - 729	R-S	90 - 20	6
I - K	376 - 1686			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (Comp.
B - W	1396	- 331	U - T	1297	- 264
W - V	1393	- 326	T-R	1307	- 268
V - U	2250	- 470			

Maximum Web Forces Per Ply (lbs)

webs	rens.c	omp.	webs	rens. (Jomp.	
C - W	74	- 29	L - U	71	- 109	
C - V	910	- 185	U - Q	1000	- 207	
V - L	18	- 112	T - Q	68	- 110	
G - V	101	- 165				

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.		es Tens.Comp. Gables		Gables	Tens. Comp.		
E-F	55	- 134	L - M	63	- 222			
H - I	85	- 243	N - O	32	- 114			
J - K	414	- 66						

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

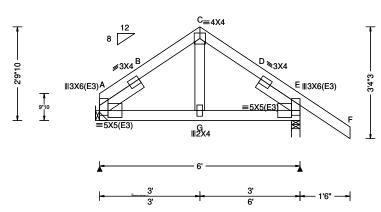
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Albine, a division of ITW Building Component Crew for the standard plate.



Ply: 1 SEQN: 655994 COMN Job Number: T17 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: G01 09/30/2019





Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.006 B 999 240 VERT(CL): 0.011 B 999 180 HORZ(LL): 0.004 B HORZ(TL): 0.009 B	1
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf	Pf: NA Ce: NA Lu: NA Cs: NA	VERT(LL): 0.006 B 999 240 VERT(CL): 0.011 B 999 180 HORZ(LL): 0.004 B	1
Load Duration: 1.25 Spacing: 24.0 "	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max Web CSI: 0.054 VIEW Ver: 18.02.01B.0321.08	
Lumber				(

	▲ M	axim	um Rea	actions	(lbs)		
		(Gravity		N	on-Grav	vity
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
	Α	239	/-	/-	/144	/35	/89
	E	368	/-	/-	/244	/67	/-
	Wine	d rea	ctions b	ased or	MWFRS		
	Α	Brg \	Width =	-	Min Re	eq = -	
	E	Brg \	Width =	3.0	Min Req = 1.5		
	Bea	ring l	E is a rig	gid surfa	ice.		
	Max	imu	m Top (Chord F	orces Per	Ply (lb	s)
	Chords Tens.Comp.			Chords	Tens.	Comp.	
	A - E	3	96	- 260	D-E	155	- 265
	B - 0)	93	- 208	E-F	50	0
_	C - [)	98	- 220			

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

G-E

158

- 49

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. C - G 125

157 - 49

A - G

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Hangers / Ties

(J) Hanger Support Required, by others

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

Additional Notes

The overall height of this truss excluding overhang is



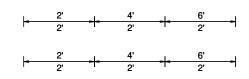
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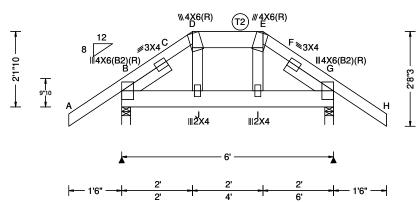
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SEQN: 656013 HIPS Job Number: Ply: 1 Cust: R NA JRef:18-2754 T12 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: G02 09/30/2019





Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	•	PP Deflection in loc L/defl L/#
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(LL): 0.001 J 999 240 VERT(CL): 0.003 J 999 180 HORZ(LL): 0.001 F HORZ(TL): 0.002 F
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.211 Max BC CSI: 0.028
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs) Gravity Loc R+ / R-

/Rw /U В 421 /145 /-421 /-/-/145 /-Wind reactions based on MWFRS

Non-Gravity

Brg Width = 3.0В

Min Reg = 1.5Brg Width = 3.0 Min Req = 1.5Bearings B & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

A - B	52	- 19	E-F	94	- 264
B - C	112	- 310	F-G	112	- 310
C - D	94	- 264	G-H	52	- 19
D-E	68	- 202			

Top chord 2x4 SP #2 :T2 2x6 SP 2400f-2.0E: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500' :Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Special Loads

	(Lumbe	r Dur.Fac.=	1.25 / Plate	Dur.Fac.=	1.25)
ı	TC: From	64 plf at	-1.50 to	64 plf at	2.00
ı	TC: From	32 plf at	2.00 to	32 plf at	4.00
ı	TC: From	64 plf at	4.00 to	64 plf at	7.50
ı	BC: From	5 plf at	-1.50 to	5 plf at	0.00
ı	BC: From	10 plf at	0.00 to	10 plf at	6.00
ı	BC: From	5 plf at	6.00 to	5 plf at	7.50
ı	TC: 40 lb	Conc. Loa	d at 2.03,	3.97 [°]	
ı	BC: 88 ⊪	Conc. Loa	d at 2 03	3 97	

Purlins

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 2-1-10.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
B - J J - I	202 202	- 72 - 68	I-G	202	- 72

Maximum Web Forces Per Ply (lbs)

webs	rens.comp.		webs	rens. Co	mp.
D - J	81	0	I-E	81	0



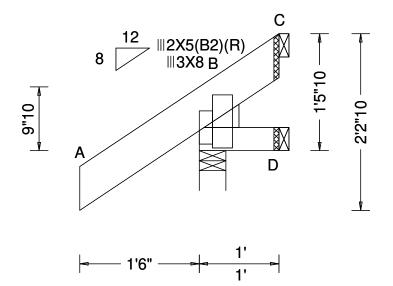
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Albring a division of ITW Building Components Crown has about the standard plate positions.

SEQN: 656020 JACK Ply: 1 Job Number: T30 Cust: RNA JRef:18-2754 FROM: CDM Qty: 20 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: J01 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs	s)
TCLL: 20.00	Wind Std: ASCE 7-10	, -	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ /R- /Rh	/ Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 230 /- /-	/190 /51 /49
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C	D 9 /-2 /-	/10 /5 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 C	C - /-40 /-	/23 /41 /-
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	Wind reactions based on M	-
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.033		Min Req = 1.5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.007	D Brg Width = 1.5	Min Req = -
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.000	C Brg Width = 1.5 Bearing B is a rigid surface.	Min Req = -
	Loc. from endwall: Any GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):		Maximum Top Chord Ford	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	Chords Tens.Comp. C	hords Tens. Comp.
Lumban	1	I.	1	^J A-B 57 0 B	- C 22 - 47

Top chord 2x6 SP 2400f-2.0E Bot chord 2x4 SP #2 :Lt Wedge 2x4 SP #3:

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

Additional Notes

The overall height of this truss excluding overhang is

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

B - D

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

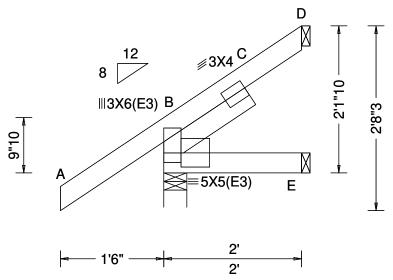
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsa

SEQN: 655985 EJAC Ply: 1 Job Number: T25 Cust: RNA JRef:18-2754 FROM: CDM Qty: 18 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: J02 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.184
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.035
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.028
' '	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber	•	•	

AI	▲ Maximum Reactions (Ibs)					
	(aravity		N	on-Gra	vity
Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	226	/-	/-	/174	/28	/66
Е	37	/-	/-	/25	/-	/-
D	26	/-	/-	/19	/24	/-
Wi	nd rea	ctions b	ased or	MWFRS		
В	Brg \	Nidth =	4.0	Min Re	eq = 1.5	5
E	Brg \	Nidth =	1.5	Min Re	eq = -	
D	Brg \	Nidth =	1.5	Min Re	eq = -	
Bearing B is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Ch	ords	Tens.Co	omp.	Chords	Tens.	Comp.
ا A -	В	51	0	C - D	15	- 30

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

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

Additional Notes

The overall height of this truss excluding overhang is

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

156 - 200

B - E 2

B-C

PRELIMINARY AND THOR COME THUCHON

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

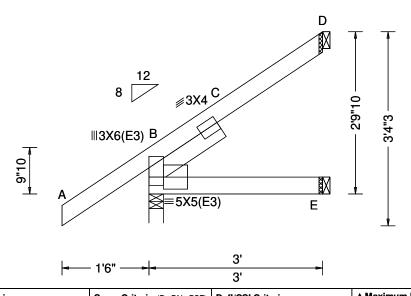
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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.tbinst.org; SBCA: www.sbcindustry.com; ICC: www.sbcindustry.com; ICC: www.tbinst.org; SBCA: <a href="https://www.t



SEQN: 656026 JACK Job Number: T41 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 10 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: J03 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.004 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 C
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.186
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.086
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.037
- - - - - - - - - -	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber			

▲ Maximum Reactions (lbs) Non-Gravity Gravity Loc R+ / Rw / U / RL В 255 /191 /85 Е 56 /39 69 /37 Wind reactions based on MWFRS Brg Width = 3.0 Min Req = 1.5 Min Req = -Brg Width = 1.5 Brg Width = 1.5 Min Reg = -Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 50 0 C - D - 56 B - C 143 - 203

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

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

Additional Notes

The overall height of this truss excluding overhang is

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

B - E

PREIMMARY AND FLOR COME TRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

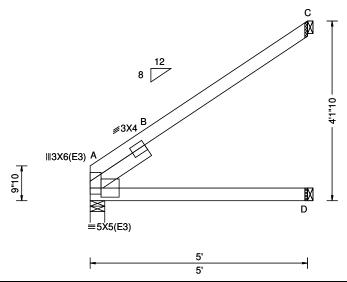
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Albring a division of ITW Building Components Crown has about the standard plate positions.



Ply: 1 SEQN: 655910 JACK Job Number: T40 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: J04 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ibs)
TCLL: 20.00	Wind Std: ASCE 7-10	\ 0 ,	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	A 210 /- /- /136 /- /94
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.035 B	D 97 /- /- /70 /1 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.073 B	C 149 /- /- /90 /71 /-
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.442	A Brg Width = 4.0 Min Req = 1.5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.279	D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = -
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.169	Bearing A is a rigid surface.
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs)
	GCpi: 0.18	Plate Type(s):		Chords Tens.Comp. Chords Tens. Comp.
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	Onords Tens. Comp.
Lumban		1		A-B 299 -443 B-C 85 -99

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.591'

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

Additional Notes

The overall height of this truss excluding overhang is

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

A - D 3

PREIMMARY AND FLORE ONE TRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

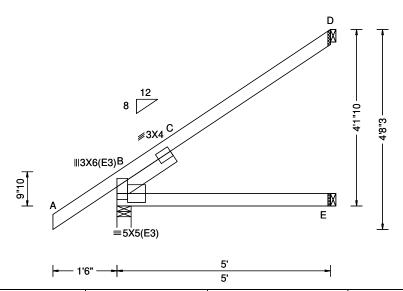
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For more information see this job's general notes page and these web sites: ALPINE: www.tbinst.org; SBCA: www.sbcindustry.com; ICC: www.sbcindustry.com; ICC: www.tbinst.org; SBCA: <a href="https://www.t

Ply: 1 SEQN: 655907 JACK Job Number: T33 Cust: RNA JRef:18-2754 FROM: CDM Qty: 9 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: J05 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.027 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.054 C
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.377
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.269
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.130
' "	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber		·	1

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.591'

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

Additional Notes

The overall height of this truss excluding overhang is

▲ N	▲ Maximum Reactions (Ibs)					
		Gravity		N	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	329	/-	/-	/238	/22	/123
Е	95	/-	/-	/67	/0	/-
D	137	/-	/-	/80	/68	/-
Wir	nd rea	actions b	ased on	MWFRS		
В	Brg	Width =	4.0	Min Re	q = 1.5	5
Е	Brg	Width =	1.5	Min Re	eq = -	
D	Brg	Width =	1.5	Min Re	eq = -	
Bea	aring	B is a rig	jid surfa	ce.		
Maximum Top Chord Forces Per Ply (lbs)						
				Chords		
A - B -	_	50 161	0 - 329	C - D	79	- 98

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

B - E 3

PREIMMARY AND FLOR COME TRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

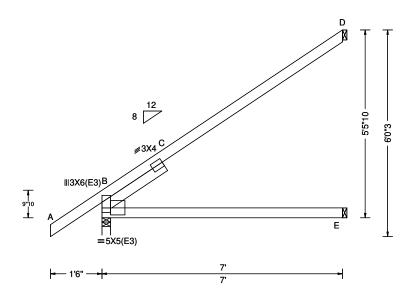
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustrv.com; ICC: www.iccsafe.org

SEQN: 656023 EJAC Ply: 1 Job Number: T31 Cust: RNA JRef:18-2754 FROM: CDM Qty: 31 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: J07 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	l
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	1
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	l
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.109 C	l
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.221 C	П
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	Г
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.839	l
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.564	l
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.326	l
' '	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		l
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	ŀ
Lumbor	•	•		٠,

▲ Maximum Reactions (lbs)						
		aravity		N	on-Grav	vity
Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	408	/-	/-	/290	/22	/161
Е	134	/-	/-	/96	/1	/-
D	199	/-	/-	/118	/94	/-
Wi	nd rea	ctions b	ased on	MWFRS		
В	Brg \	Nidth =	3.0	Min Re	q = 1.5	5
E	Brg \	Nidth =	1.5	Min Re	q = -	
D	Brg \	Nidth =	1.5	Min Re	q = -	
Ве	aring E	3 is a rig	id surfa	ce.		
Maximum Top Chord Forces Per Ply (lbs)						
				Chords		•
A -	В	50	0	C - D	113	- 129

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 2.192'

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

Additional Notes

The overall height of this truss excluding overhang is

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

548 - 759

B - E 3

B-C

PREIMMARY AND FLORE ONE THUCHON

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

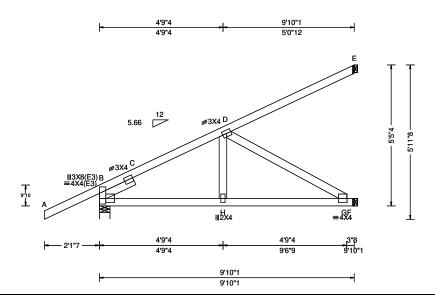
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustrv.com; ICC: www.iccsafe.org

SEQN: 655955 HIP Job Number: Т9 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 5 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: JH1 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.019 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.039 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.011 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.023 C
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.306
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.739
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.358
' "	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumban	•		

▲ Maximum Reactions (lbs) Non-Gravity Gravity / R Loc R+ / Rw / U / RL 368 /171 /-351 /-/86 /-105 /38 Wind reactions based on MWFRS Brg Width = 4.9 Min Req = 1.5 Brg Width = 1.5 Min Req = -Brg Width = 1.5 Min Reg = -Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. C - D A - B 26 - 10 208 - 578

Top chord 2x4 SP M-31 Bot chord 2x4 SP #2 Webs 2x4 SP #3

:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Special Loads

(Lumber	Dur.rac.=	1.25 / Piale	Dur.rac.=	1.20)
TC: From	0 plf at	-2.12 to	62 plf at	0.0
TC: From				
BC: From	0 plf at	-2.12 to	4 plf at	0.0
BC: From	2 plf at	0.00 to	2 plf at	9.84
TC: -27 lb (Conc. Load	lat 1.41	-	
TC: 138 lb	Conc. Load	d at 4.24		
TC: 275 lb	Conc. Load	d at 7.07		
BC: 19 lb	Conc. Load	d at 1.41		
BC: 113 lb	Conc. Load	d at 4.24		
BC: 191 lb	Conc. Load	d at 7.07		

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 5-5-4.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.							
Chords	Tens.C	omp.	Chords	Tens. C	omp.		
B - H			G-F	0	0		
H-G	507	- 162					
Maximum Web Forces Per Plv (lbs)							

Webs

D-G

D-E

45

Tens. Comp.

189

- 77

210 - 582

Tens.Comp.

B - C

Webs

PREIMMARY AND FLORICONSTRINCTIONS

PREIMMARY AND FLORICONSTRINCTIONS

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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

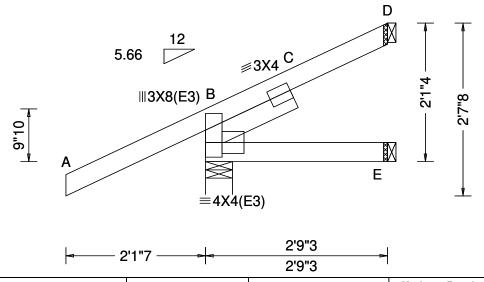
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Albring a division of ITW Building Components Crown has about the standard plate positions.



SEQN: 655987 HIP Job Number: T10 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 5 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: JH2 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	l
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	l
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	l
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	l
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.004 C	l
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.005 C	l
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	l
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.145	l
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.069	l
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.041	l
' "	Loc. from endwall: Any	FT/RT:20(0)/10(0)		l
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	l
Lumber				•

▲ Maximum Reactions (lbs) Non-Gravity Gravity Loc R+ / Rw / U / RL В 164 Ε 51 /-/5 /-25 14 /30 Wind reactions based on MWFRS Brg Width = 4.9 Min Req = 1.5 Brg Width = 1.5 Min Req = -Brg Width = 1.5 Min Reg = -Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 23 A - B 26 - 10 C - D - 14

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500

Special Loads

(Lumber	Dur.Fac.=	1.25 / Plate	Dur.Fac.=	1.25)	
TC: From	0 plf at	-2.12 to	62 plf at	0.00	
TC: From	2 plf at	0.00 to	2 plf at	2.77	
BC: From	0 plf at	-2.12 to	4 plf at	0.00	
BC: From	2 plf at	0.00 to	2 plf at	2.77	
TC: -27 lb Conc. Load at 1.41					
BC: 19 lb Conc. Load at 1.41					

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 2-1-4.

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

B - E

29 - 46

B - C



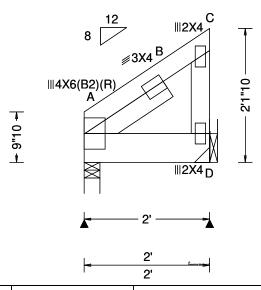
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Ply: 1 SEQN: 655996 MONO Job Number: Cust: R NA JRef:18-2754 T16 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: M01 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 B
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.076
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.047
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.011
opacing: =	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

Lumber

Top chord 2x4 SP #2 Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3 :Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Special Loads

-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at 0.00 to 64 plf at 2.0
BC: From 20 plf at 0.00 to 20 plf at 2.0 200 20 plf at 2.00 BC: 239 lb Conc. Load at 0.90

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure.

Additional Notes

The overall height of this truss excluding overhang is 2-1-10.

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer. publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=1'9" ,y=9' uses the following

Bearing at location x=1 s y=5 uses an support conditions: 1'9"
Bearing D (1'9", 9') HUS26
Supporting Member: (1)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting member, (4) 0.148"x3" nails into supported

▲ Maximum Reactions (lbs)

Non-Gravity Gravity Loc R+ /R /Rw /U / RL 231 177 /-/-/29 /-

Wind reactions based on MWFRS

Brg Width = 3.0Min Reg = 1.5Brg Width = -Min Reg = -

Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs)

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. A - B - 58 33 61 B - C - 13

Chords Tens.Comp. 20

A - D

- 11 Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. C - D 22 - 60

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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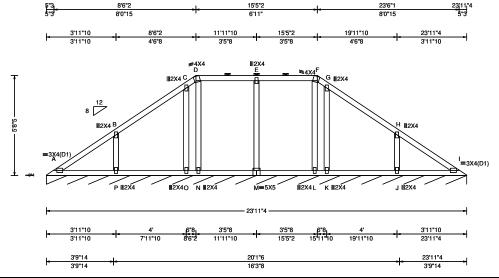
member.

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.

SEQN: 656015 VAL Job Number: T21 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V01 09/30/2019

15'5"2

23'6"1



l* 83 /-Wind reactions based on MWFRS Brg Width = 287 Min Req = -Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 121 - 77 E-F 111 0 B - C 125 F-G - 26 149 - 1 G-H 125 - 26 C - D 149 - 1 D-E 121 111 0 H - I - 77

Non-Gravity

/ RL

/Rw /U

▲ Maximum Reactions (lbs), or *=PLF

Gravity

/ R-

Loc R+

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)

Chorus	rens.comp.		Choras	Tens. C	onip.
A - P	80	- 83	M - L	86	- 91
P - O	85	- 88	L-K	87	- 90
O - N	87	- 90	K-J	85	- 88
N - M	86	- 91	J - I	80	- 83

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. (Comp.
B - P	140	- 264	L-F	7	- 88
C - O	149	- 230	K-G	149	- 230
D - N	7	- 88	J - H	140	- 264
E - M	113	- 274			

PREIMMARY AND FLORE ONE THUCHON

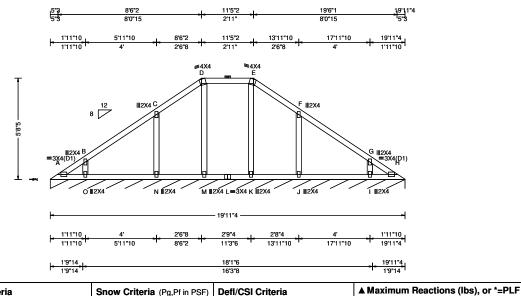
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 656017 VAL Job Number: T22 Ply: 1 Cust: R NA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V02 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 C
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.150
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.099
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.080
- - - - - - - - - -	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

		Ć.	aravity		r	Non-Grav	'ity
,	Loc	R+	/ R-	/ Rh	/ Rw	['] /U	/ RL
,	 н* 8	3	/-	/-	/44	/13	/7
	Wind	read	ctions b	ased o	n MWFRS		
	Η В	3rg ∖	Vidth =	239	Min R	eq = -	
	Bearing A is a rigid surface.						
	Maxi	mun	n Top (Chord F	orces Pe	r Ply (lbs	s)
					Forces Pe Chords		•
	Chor	ds ⁻	Tens.Co	omp.	Chords	Tens.	Comp.
		ds ⁻					•
	Chore A - B	ds	Tens.Co 76	omp. - 98	Chords E - F	Tens. 128	Comp. - 81

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.comp.		Choras	rens. C	omp.
A - O	87	- 54	L-K	87	- 63
O - N	87	- 60	K-J	88	- 62
N - M	88	- 62	J - I	87	- 60
M - L	87	- 63	I - H	87	- 54

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. (Comp.
B - O	127	- 215	K-E	10	- 138
C - N	137	- 239	J - F	137	- 239
D - M	10	- 138	I-G	127	- 215

PREIMMARY AND FLOR COME TRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

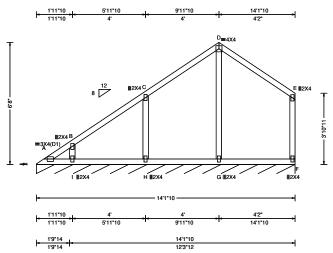
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 656005 VAL Job Number: T28 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V03 09/30/2019

14'1"10 4'2"



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	VERT(LL): 0.001 D 999 240 VERT(CL): 0.002 D 999 180 HORZ(LL):-0.003 E HORZ(TL): 0.004 E Creep Factor: 2.0 Max TC CSI: 0.307 Max BC CSI: 0.056 Max Web CSI: 0.173	
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08]

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity Loc R+ / R-/Rw /U / RL F* 83 /-Wind reactions based on MWFRS Brg Width = 169 Min Req = -Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 128 - 168 131 - 153 A - B C - D - 96 104 B - C Ď-E 93 - 84

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. H-G 148 A - I 147 - 100 - 108 I - H 147 - 105 G-F 148 - 108

Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs 120 - 192 D-G 12 B-I - 223 172 - 297 C - H E-F 92 - 142

Top chord 2x4 SP #2 Bot chord 2x4 SP M-31 Webs 2x4 SP #3

6-8-0.

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

Right end vertical not exposed to wind pressure.

Additional Notes

See DWG VAL160101014 for valley details. The overall height of this truss excluding overhang is

PREIMMARY AND FLOR COME TRUCTION

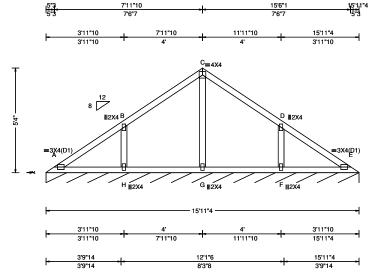
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 656006 VAL Job Number: T13 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 2 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V04 09/30/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.004 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.008 F 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 F
NCBCLL: 10.00	Mean Height: 16.07 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.258
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.057
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.119
'	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumbau	•	•	

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity Loc R+ / R-/Rw /U / RL E* 83 /-Wind reactions based on MWFRS Brg Width = 191 Min Req = -Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 94 - 60 C - D 115 - 58 B - C 115 - 58 D-E 132 - 99

Maximu	ım Bot (Chord F	orces Per	Ply (lbs)	
Chords	Tens.C	omp.	Chords	Tens. C	omp.
A - H	71	- 55	G-F	76	- 61

H - G	76	- 61	F-E	71	- 61
	um Web F				_
webs	Tens.Co	mp.	Webs	Lens. (Jamp.

B-H F-D 162 - 290 162 - 290 C - G - 240

Top chord 2x4 SP #2 Bot chord 2x4 SP M-31 Webs 2x4 SP #3

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

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is

PREIMMARY AND FLOR COME TRUCTION

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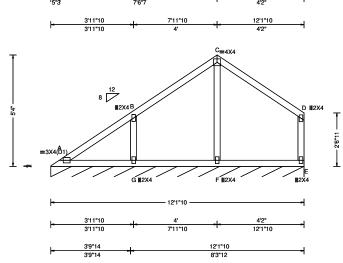
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SEQN: 656007 VAL Job Number: T27 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V05 09/30/2019

12'1"10

7'11"10



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.004 G 999 240 VERT(CL): 0.008 G 999 180 HORZ(LL): -0.002 D HORZ(TL): 0.003 D
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Creep Factor: 2.0 Max TC CSI: 0.307 Max BC CSI: 0.065 Max Web CSI: 0.108 VIEW Ver: 18.02.01B.0321.08
Lumber			

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity Loc R+ / R-/Rw /U / RL E* 83 /-Wind reactions based on MWFRS Brg Width = 145 Min Req = -Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 127 - 138 107 - 100 A - B C - D 96 - 89 B - C Maximum Bot Chord Forces Per Ply (lbs)

Chords Chords Tens.Comp. Tens. Comp. F-F - 97 A - G 124 - 93 124 G-F 124 - 97

Maximum Web Forces Per Ply (lbs) Ťens. Comp. Webs Tens.Comp. Webs 169 - 291 D-F 96 B-G - 145 C-F 14 - 218

Top chord 2x4 SP #2 Bot chord 2x4 SP M-31 Webs 2x4 SP #3

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

Right end vertical not exposed to wind pressure.

Additional Notes

See DWG VAL160101014 for valley details. The overall height of this truss excluding overhang is

PREIMMARY AND FLOR COME TRUCTION

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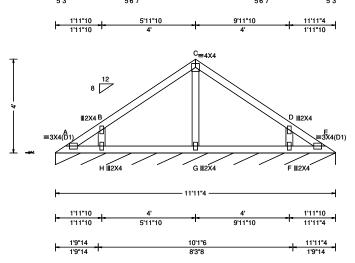
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SEQN: 656008 VAL Job Number: T14 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 2 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V06 09/30/2019

11'6"1

5'11"10



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240	
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.001 C 999 180 HORZ(LL): -0.001 B HORZ(TL): 0.001 H	
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 16.73 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.209 Max BC CSI: 0.119 Max Web CSI: 0.052	
Lumban	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity Loc R+ / R-/Rw /U / RL E* 83 /-Wind reactions based on MWFRS Brg Width = 143 Min Req = -Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 38 - 55 C - D 92 - 121 B - C 92 - 121 Ď-E 76 - 93

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - H G-F 52 - 17 - 26 H - G 51 - 26 F-E 63 - 31

Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs B-H 176 - 267 F-D 176 - 267 6 - 174 C - G

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is

PREIMMARY AND FLOR COME TRUCTION

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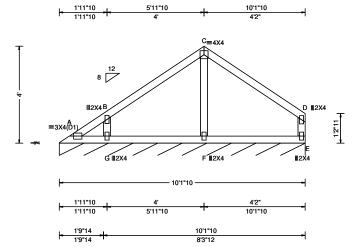


SEQN: 656009 VAL Job Number: T24 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 1 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V07 09/30/2019

10'1"10

5'11"10

5'6"7



EXP: C Kzt: NA HORZ(TL): 0.003 D - Creep Factor: 2.0
--

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity Loc R+ / R-/Rw /U / RL E* 83 /-Wind reactions based on MWFRS Brg Width = 121 Min Req = -Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 107 - 122 C - D 102 B - C 111 - 118

Maximu	m Bot C	hord l	Forces Per	Ply (lbs)	
Chords	Tens.C	omp.	Chords	Tens. C	omp.
A - G G - F	107 108	- 77 - 85	F-E	108	- 85

Maxim	սm Web	Forces	: Per Ply (I	bs)	
Webs	Tens.C	Comp.	Webs	Tens. (Comp.
B-G C-F		- 267 - 199	D-E	107	- 156

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is

PREIMMARY AND FLOR COME TRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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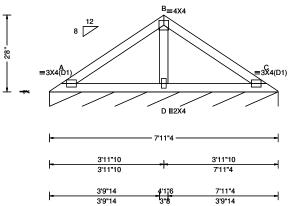
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, 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.o

SEQN: 656010 VAL Job Number: T18 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 3 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V08 09/30/2019





Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.40 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes	Defl/CSI Criteria	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.172	

▲ Maxin	num Rea	ctions	(lbs), or *=	:PLF	
	Gravity		` No	on-Grav	vity
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
1	/- actions b		/42 MWFRS	/11	/8
	Width = A is a rig		Min Re ce.	q = -	
Maximu	m Top C	hord F	orces Per	Ply (lb:	s)
Chords	Tens.Co	omp.	Chords	Tens.	Comp.
A - B	218	- 79	B - C	218	- 79
1			orces Per I		,

D-C

- 136

113

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is

Maximum Web Forces Per Ply (lbs)

113 - 136

Webs Tens.Comp. B - D 166 - 377

A - D

PREIMINARY MOTEOR CONSTRUCTION

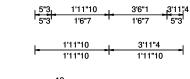
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

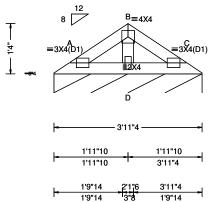
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SEQN: 656011 VAL Job Number: T20 Ply: 1 Cust: RNA JRef:18-2754 FROM: CDM Qty: 3 /LOT 27 BRITTANY (JL) /MILTON SMITH DrwNo: Truss Label: V09 09/30/2019





Loading Criteria (psf) TCLL: 20.00 Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.90 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 GCpi: 0.18 Wind Duration: 1.60	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes	Peff/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 D 999 240 VERT(CL): 0.001 D 999 180 HORZ(LL): -0.000 D HORZ(TL): 0.001 D Creep Factor: 2.0 Max TC CSI: 0.041 Max BC CSI: 0.029 Max Web CSI: 0.023 VIEW Ver: 18.02.01B.0321.08
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▲ Maximum Reactions (lbs), or *=PLF							
Gravity				Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
		/-		,	/9	/7	
Wind reactions based on MWFRS C Brg Width = 47.2 Min Req = -							
Bearing A is a rigid surface.							
Maximum Top Chord Forces Per Ply (lbs)							
Chord	ds	Tens.Co	mp.	Chords	Tens.	Comp.	
A - B		61	- 10	B - C	61	- 11	
Maximum Bot Chord Forces Per Ply (lbs)							
Chord	Chords Tens.Comp.			Chords	Tens.	Comp.	

D-C

- 31

31

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - D 48 - 126

31 - 31

A - D

PRETIMENT AND FOR CONSTRUCTION

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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13723 Riverport Drive Suite 200 Maryland Heights, MO 63043

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