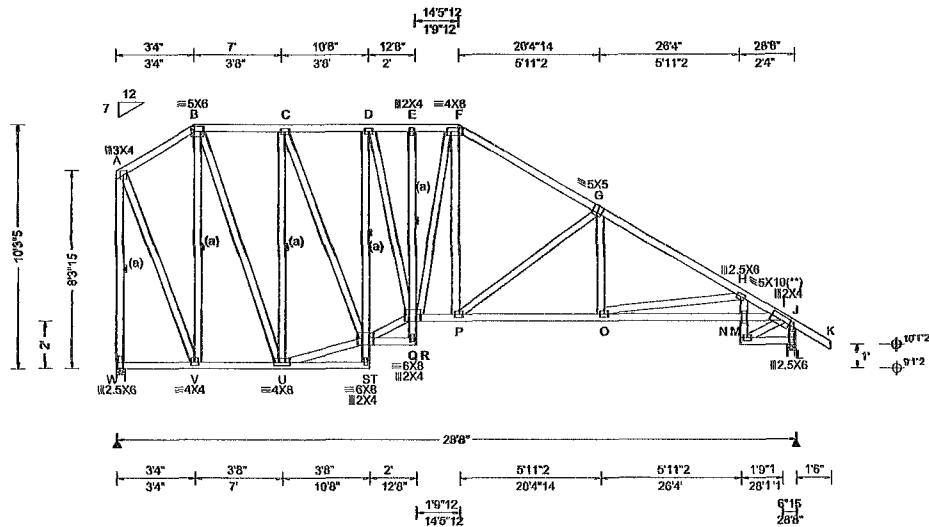


SEQN 802129 FROM: CDM	HIPS Ply 1 Qty 1	Job Number: 25-2306 MOSS Truss Label: G23	Cust: R 215 JRef: 1Y7W2150003 T39 DrwNo: 062.25.0539.41487 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 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 Std ASCE 7-22 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: 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	Pg: NA Ct: NA CAT NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed, 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/H VERT(LL): 0.112 O 999 240 VERT(CL): 0.231 O 999 180 HORZ(LL): 0.075 L - - HORZ(TL): 0.154 L - - Creep Factor 2.0 Max TC CSI 0.843 Max BC CSI 0.722 Max Web CSI 0.864 VIEW Ver: 23.02.04.0123 14	Gravity Loc R+ /R- /Rh Non-Gravity /Rw /U /RL W 1189 /- /- /640 /143 /230 L 1296 /- /- /804 /72 /- Wind reactions based on MWFRS W Brg Wid = 4.0 Min Req = 1.5 (Truss) L Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings W & L are a rigid surface Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens Comp A - B 241 -461 F - G 518 -1359 B - C 388 -638 G - H 553 -1956 C - D 472 -898 H - I 676 -2741 D - E 501 -1065 I - J 220 -691 E - F 502 -1068

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 3X4 except as noted

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

Purlins

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

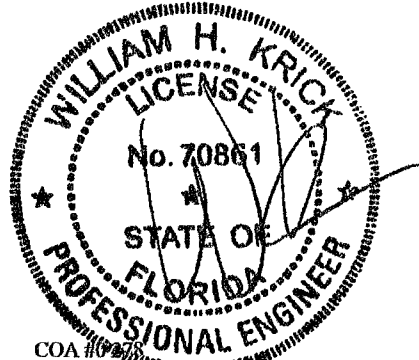
Wind

Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-3-5.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (if no rigid diaphragm exists at that point).



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

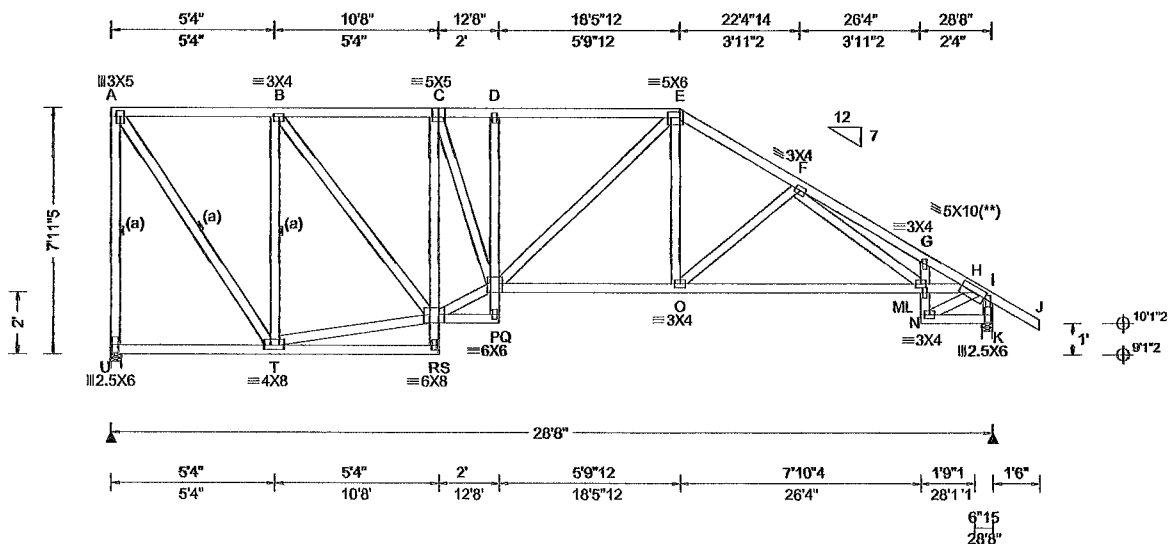
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802135	HIPM	Ply: 1	Job Number: 25-2306	Cust: R 215 JRef: 1Y7W2150003 T37
FROM: CDM		Qty: 1	MOSS	DrwNo: 062.25.0541.06840
			Truss Label: G25	KD / DF 03/03/2025



Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria			▲ Maximum Reactions (lbs)							
TCLL	20.00	Wind Std	ASCE 7-22	Pg: NA	Ct: NA	CAT NA	PP Deflection in loc L/defl L/#			Gravity			Non-Gravity				
TCDL	10.00	Speed	130 mph	Pf NA		Ce NA	VERT(LL) 0.112 O 999 240			Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
BCLL	0.00	Enclosure	Closed	Lu: NA	Cs. NA		VERT(CL) 0.232 O 999 180			U	1189	/-	/-	/628	/254	/235	
BCDL	10.00	Risk Category	II	Snow Duration: NA			HORZ(LL): 0.073 K - -			K	1296	/-	/-	/787	/197	/-	
		EXP- C	Kzt: NA				HORZ(TL) 0.150 K - -			Wind reactions based on MWFRS							
Des Ld	40.00	Mean Height:	15.00 ft	Building Code.			Creep Factor: 2.0			U Brg Wid = 4.0 Min Req = 1.5 (Truss)							
NCBCLL	10.00	TCDL	5.0 psf	FBC 8th Ed 2023 Res.			Max TC CSI 0.837			K Brg Wid = 4.0 Min Req = 1.5 (Truss)							
Soffit:	2.00	BCDL:	5.0 psf	TPI Std: 2014			Max BC CSI 0.716			Bearings U & K are a rigid surface.							
Load Duration:	1.25	MWFRS Parallel Dist: h/2 to h		Rep Fac: Yes			Max Web CSI 0.982			Members not listed have forces less than 375#							
Spacing:	24.0 "	C&C Dist a: 3.00 ft		FT/RT-20(0)/10(0)			VIEW Ver: 23.02.04.0123.14			Maximum Top Chord Forces Per Ply (lbs)							
		Loc. from endwall, not in 9.00 ft		Plate Type(s)						Chords		Tens.Comp.		Chords		Tens Comp	
		GCpi 0.18		WAVE						A - B	390	-705	E - F	702	-1707		
		Wind Duration: 1.60								C - D	400	-700	F - G	702	-1707		

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,
Webs: 2x4 SP #3.

(a) Continuous lateral restraint equally spaced on member

All plates are 2X4 except as noted.

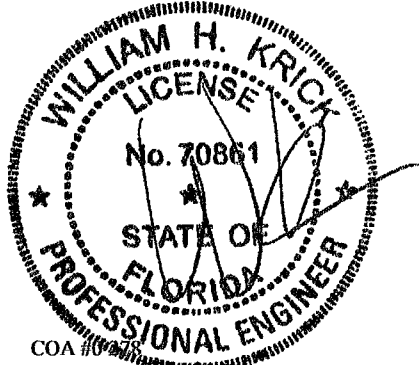
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

Wind loads based on MWFRS with additional C&C member design
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

The overall height of this truss excluding overhang is 7-11-5.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



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▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
U	1189	/-	/-	/628	/254	/235
K	1296	/-	/-	/787	/197	/-
Wind reactions based on MWFRS						
U	Brg Wid = 4.0		Min Req = 15 (Truss)			
K	Brg Wid = 4.0		Min Req = 15 (Truss)			
Bearings U & K are a rigid surface.						
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.		Chords		Tens Comp	
A - B	390	-705	E - F	702	-1707	
B - C	624	-1222	F - G	878	-2808	
C - D	750	-1546	G - H	805	-2749	
D - E	753	-1552	H - I	270	-694	

Chords	Tens.	Comp.	Chords	Tens.	Comp.
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P - O	1424	-389	M - L	2465	-672
O - M	1735	-517	L - H	2481	-670

Web	Tens	Comp.	Web	Tens	Comp.
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120
121	122	123	124	125	126
127	128	129	130	131	132
133	134	135	136	137	138
139	140	141	142	143	144
145	146	147	148	149	150
151	152	153	154	155	156
157	158	159	160	161	162
163	164	165	166	167	168
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217	218	219	220	221	222
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253	254	255	256	257	258
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271	272	273	274	275	276
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295	296	297	298	299	300
301	302	303	304	305	306
307	308	309	310	311	312
313	314	315	316	317	318
319	320	321	322	323	324
325	326	327	328	329	330
331	332	333	334	335	336
337	338	339	340	341	342
343	344	345	346	347	348
349	350	351	352	353	354
355	356	357	358	359	360
361	362	363	364	365	366
367	368	369	370	371	372
373	374	375	376	377	378
379	380	381	382	383	384
385	386	387	388	389	390
391	392	393	394	395	396
397	398	399	400	401	402
403	404	405	406	407	40

A - U	688 - 1147	C - P	941 - 363
A - T	1232 - 681	E - O	453 - 22
T - B	656 - 1038	O - F	167 - 404
T - R	716 - 146	F - M	845 - 157
B - R	810 - 374	M - G	172 - 381
R - C	477 - 1048	I - K	473 - 1257
R - P	1368 - 403		

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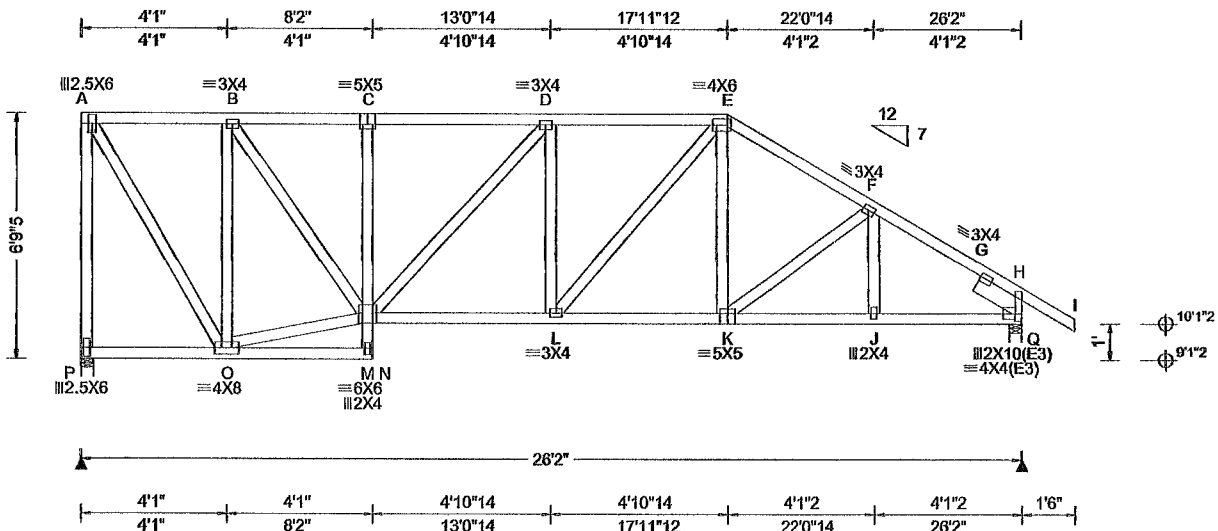
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802138 FROM: CDM	HIPM Qty: 1	Ply 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: G26	Cust: R 215 JRef: 1Y7W2150003 T34 DnwNo: 062.25.0541.09887 KD / DF 03/03/2025
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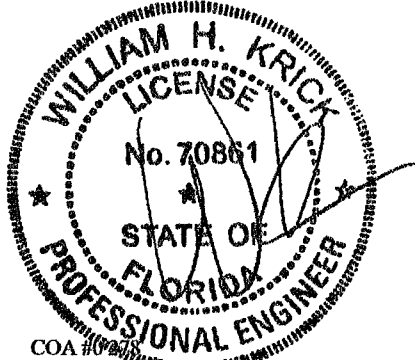
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 10.00 BCLL 0.00 BCDL 10.00 Des Ld. 40.00 NCBCLL 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std ASCE 7-22 Speed 130 mph Enclosure: Closed Risk Category: II EXP C Kzt: NA Mean Height: 15.00 ft TCDL 5.0 psf BCDL 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a 3.00 ft Loc. from endwall. not in 9 00 ft GCpi: 0 18 Wind Duration: 1.60	Pg NA Ct: NA CAT NA Pf NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code. FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL) 0.065 D 999 240 VERT(CL) 0.134 D 999 180 HORZ(LL) 0.047 G - - HORZ(TL) 0.098 G - - Creep Factor: 2.0 Max TC CSI 0.595 Max BC CSI 0.452 Max Web CSI 0.860 VIEW Ver- 23.02.04.0123.14	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL P 1085 - /- /- /565 /228 /193 Q 1193 - /- /- /716 /188 - /- Wind reactions based on MWFRS P Brg Wid = 4 0 Min Req = 1 5 (Truss) Q Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings P & Q are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens Comp A - B 349 - 593 E - F 649 - 1362 B - C 622 - 1142 F - G 590 - 1489 C - D 624 - 1146 G - H 621 - 1575 D - E 725 - 1317

Lumber
Top chord 2x4 SP #2;
Bot chord 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Slider: 2x6 SP #2; block length = 1.500'

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

Wind
Wind loads based on MWFRS with additional C&C member design.
Left end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 6-9-5.

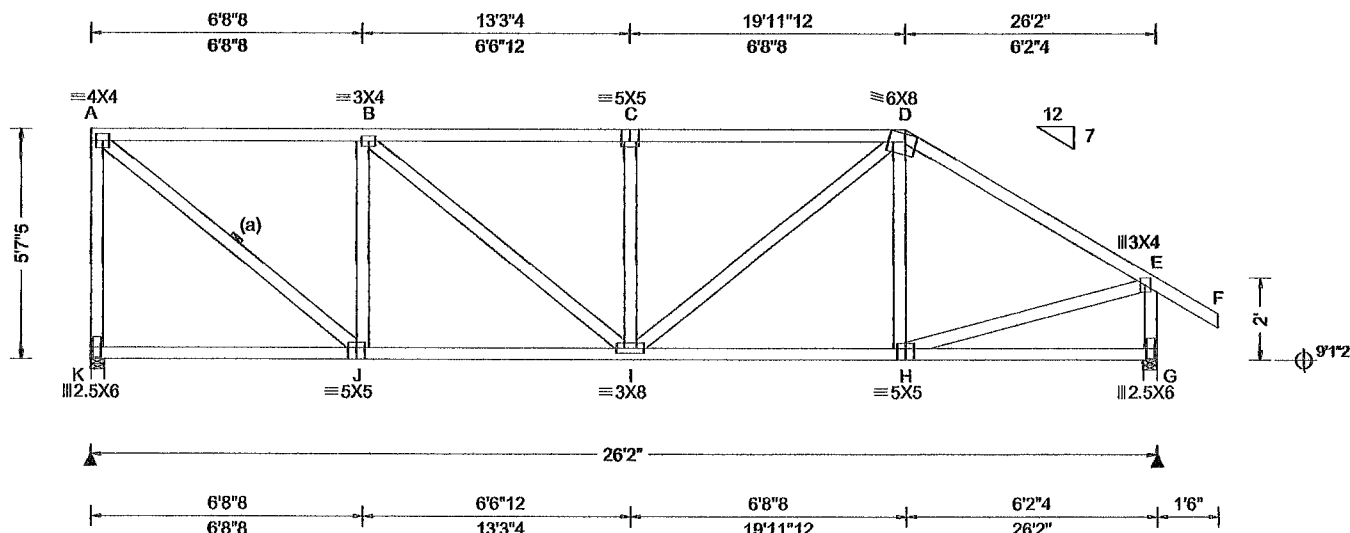


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ALPINE
ANTHONY COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802141 FROM: CDM	HIPM Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: G27	Cust: R 215 JRef: 1Y7W2150003 T59 DrwNo: 062.25.0541.11140 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 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 Std. ASCE 7-22 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. h/2 to h C&C Dist: 3.00 ft Loc. from endwall: not in 9.00 ft GCpt: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pr: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.055 C 999 240 VERT(CL): 0.114 C 999 180 HORZ(LL): 0.016 A - - HORZ(TL): 0.033 A - - Creep Factor: 2.0 Max TC CSI 0.781 Max BC CSI: 0.515 Max Web CSI: 0.576 VIEW Ver: 23.02.04.0123 14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K 1085 /- /- /553 /219 /152 G 1193 /- /- /697 /200 /- Wind reactions based on MWFRS K Brg Wid = 4.0 Min Req = 1.5 (Truss) G Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings K & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens Comp A - B 625 - 1059 C - D 823 - 1381 B - C 823 - 1380 D - E 616 - 1263

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member

Purlins

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

Wind

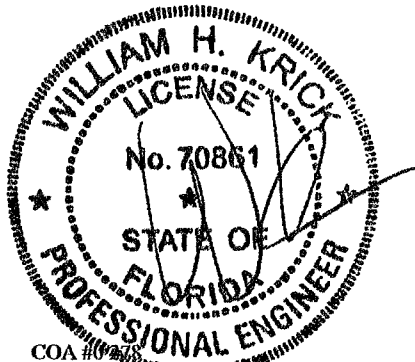
Wind loads based on MWFRS with additional C&C member design

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5'-7".



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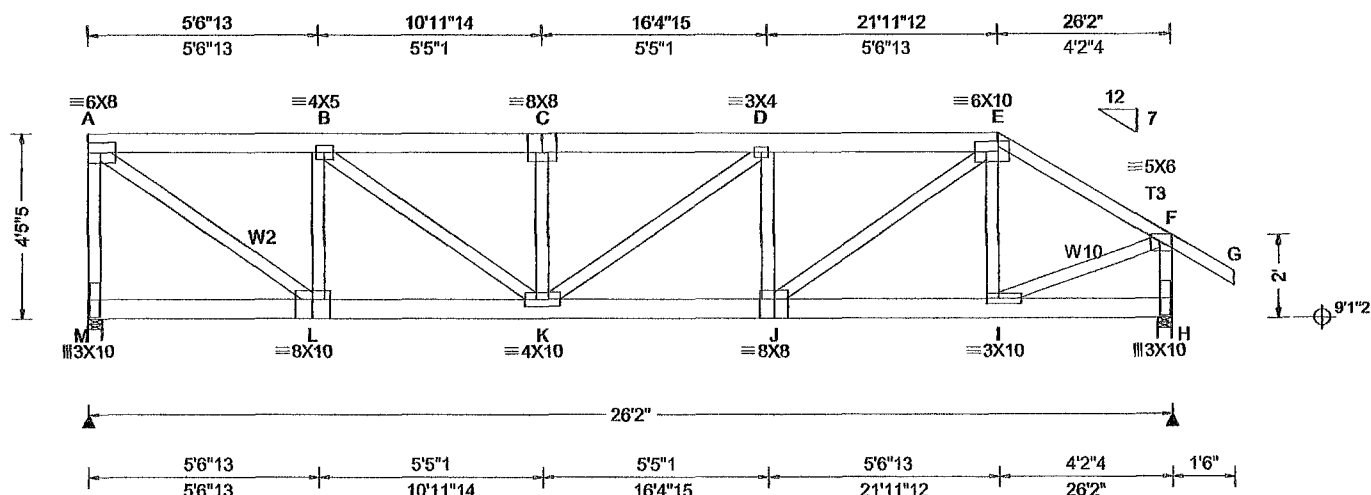
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

ALPINE
ANTW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802182 FROM: CDM	HIPM Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: G28	Cust: R 215 JRef: 1Y7W2150003 T10 DrwNo: 062.25.0541.19283 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 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 Std ASCE 7-22 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: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT NA Pf: NA Ce NA Lu: NA Cs NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.150 C 999 240 VERT(CL): 0.302 C 999 180 HORZ(LL): 0.039 A - - HORZ(TL): 0.078 A - - Creep Factor: 2.0 Max TC CSI: 0.593 Max BC CSI: 0.907 Max Web CSI: 0.909 VIEW Ver: 23.02.04.0123 14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity M 2719 - / - / - / - / 670 - H 2628 - / - / - / - / 602 - Wind reactions based on MWFRS M Brg Wid = 4.0 Min Req = 3.2 (Truss) H Brg Wid = 4.0 Min Req = 3.1 (Truss) Bearings M & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens Comp. A - B 799 -3253 D - E 1034 -4307 B - C 1116 -4582 E - F 669 -2934 C - D 1116 -4582

Lumber

Top chord 2x6 SP #2, T3 2x4 SP #2,
Bot chord 2x6 SP #2,
Webs: 2x4 SP #3, W2, W10 2x4 SP #2;

Special Loads

----(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 21.98
TC: From 63 plf at 21.98 to 63 plf at 27.67
BC: From 10 plf at 0.00 to 10 plf at 21.92
BC: From 20 plf at 21.92 to 20 plf at 26.17
BC: From 5 plf at 26.17 to 5 plf at 27.67
TC: 190 lb Conc. Load at 1.90, 3.90, 5.90, 6.41
8.10, 10.10, 12.10, 14.10, 16.10, 18.10, 20.10
BC: 130 lb Conc. Load at 1.90, 3.90, 5.90, 6.41
8.10, 10.10, 12.10, 14.10, 16.10, 18.10, 20.10
BC: 469 lb Conc. Load at 21.92

Purlins

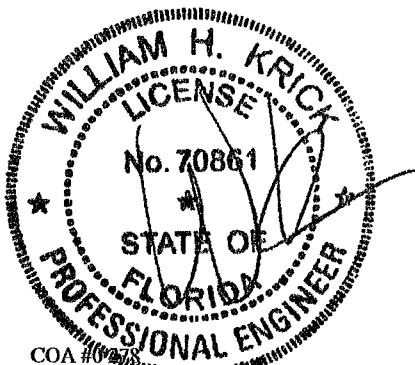
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

Wind

Wind loads and reactions based on MWFRS.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

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

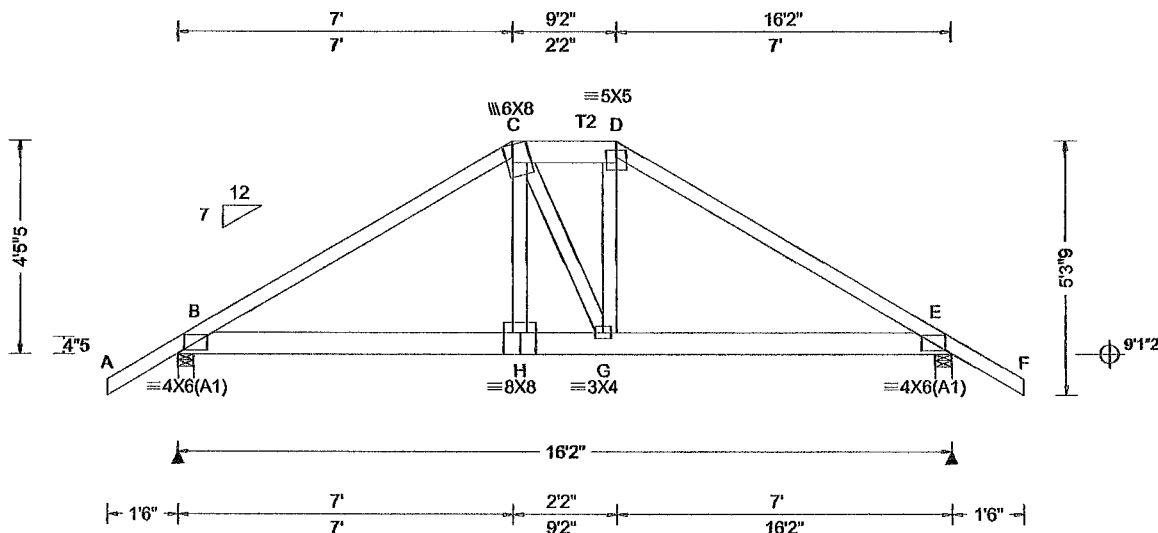


Florida Certificate of Product Approval #FL 1999

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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802197 FROM: CDM	HIPS Ply 1 Qty 1	Job Number: 25-2306 MOSS Truss Label: H01	Cust: R 215 JRef: 1Y7W2150003 T3 DrwNo: 062.25.0541.27847 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 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 Std. ASCE 7-22 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 Wind Duration: 1 60	Pg: NA Ct: NA CAT NA Pf: NA Ce NA Lr: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s) WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.059 H 999 240 VERT(CL): 0.118 H 999 180 HORZ(LL): 0.020 E - - HORZ(TL): 0.040 E - - Creep Factor: 2.0 Max TC CSI 0.742 Max BC CSI 0.589 Max Web CSI 0.210 VIEW Ver: 23.02.04.0123 14	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 1835 -/- -/- /373 -/ E 1835 -/- -/- /373 -/ Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 2.2 (Truss) E Brg Wid = 4.0 Min Req = 2.2 (Truss) Bearings B & E are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens Comp B - C 606 -2953 D - E 606 -2954 C - D 488 -2513

Lumber

Top chord: 2x4 SP #2, 2x6 SP #2;
Bot chord: 2x6 SP #2,
Webs: 2x4 SP #3,

Special Loads

---(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 7.00
TC: From 32 plf at 7.00 to 32 plf at 9.17
TC: From 63 plf at 9.17 to 63 plf at 17.67
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 9.14
BC: From 20 plf at 9.14 to 20 plf at 16.17
BC: From 5 plf at 16.17 to 5 plf at 17.67
TC: 546 lb Conc. Load at 7.03, 9.14
TC: 190 lb Conc. Load at 8.08
BC: 401 lb Conc. Load at 7.03, 9.14
BC: 130 lb Conc. Load at 8.08

Purlins

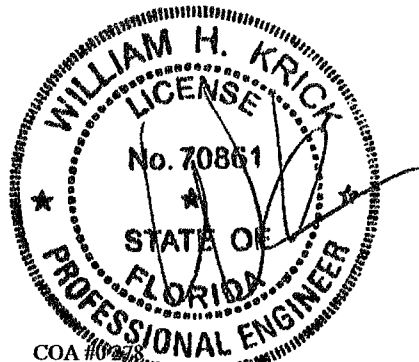
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

Wind

Wind loads and reactions based on MWFRS.
Wind loading based on both gable and hip roof types.

Additional Notes

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

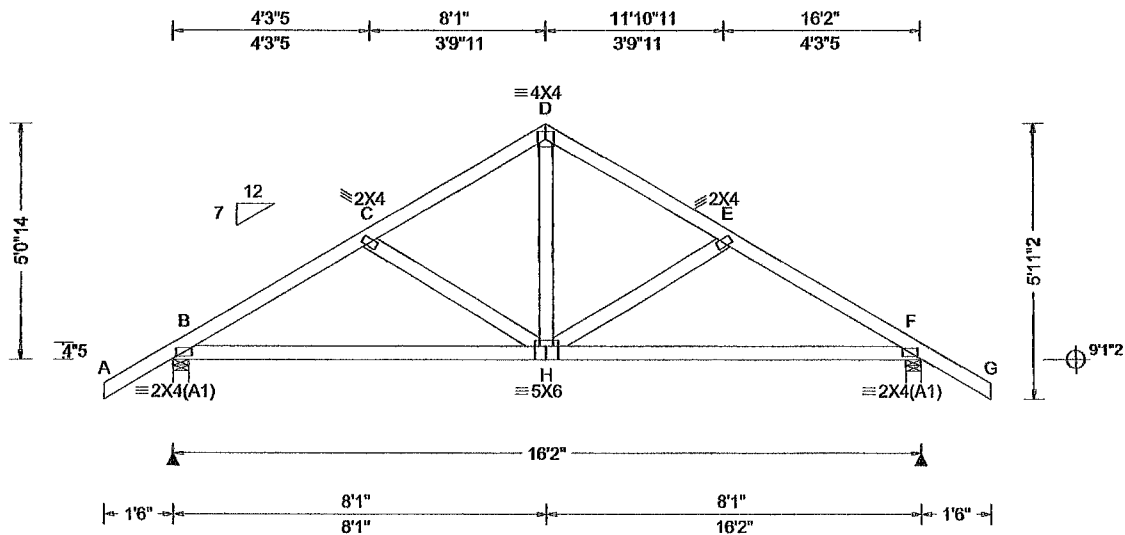


Florida State of Product Approval #FL 1999

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ALPINE
ANITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802315 FROM: CDM	COMN Ply: 1 Qty: 5	Job Number: 25-2306 MOSS Truss Label: H02	Cust: R 215 JRef: 1Y7W2150003 T2 DrwNo: 062.25.0541.29170 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 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 Std ASCE 7-22 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: h/2 to h C&C Dist a 3.00 ft Loc. from endwall: not in 9.00 ft GCpi 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT NA Pf: NA Ce NA Lr: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.021 H 999 240 VERT(CL): 0.042 H 999 180 HORZ(LL): 0.009 F - - HORZ(TL): 0.019 F - - Creep Factor: 2.0 Max TC CSI 0.180 Max BC CSI 0.568 Max Web CSI 0.176 VIEW Ver: 23.02.04.0123 14	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 774 - /- /- /474 /136 /166 F 774 - /- /- /474 /136 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) F Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens Comp B - C 228 -947 D - E 191 -718 C - D 190 -718 E - F 228 -947

Lumber

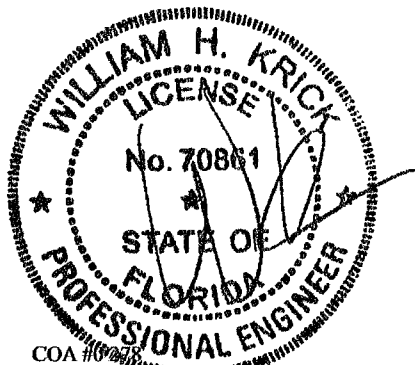
Top chord: 2x4 SP #2,
Bot chord 2x4 SP #2,
Webs: 2x4 SP #3,

Wind

Wind loads based on MWFRS with additional C&C member design
Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 5'-0"-14".



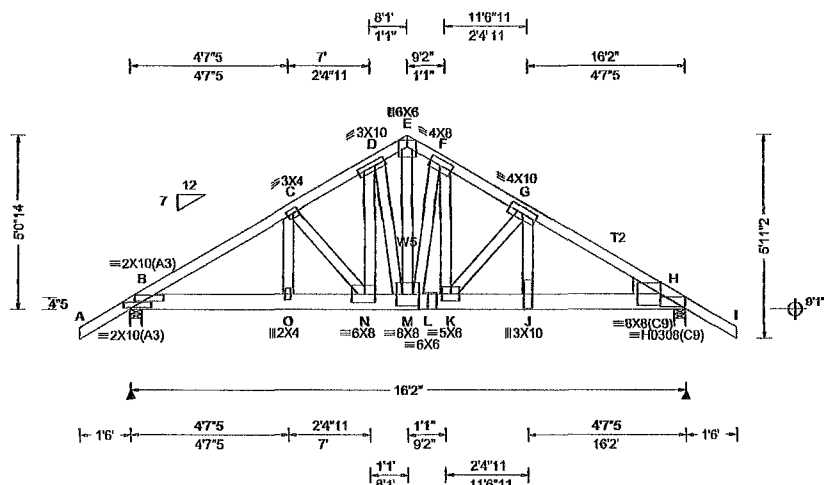
COA #00000000000000000000000000000000
Florida Certificate of Product Approval #FL 1999

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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802237	COMM	Ply: 2	Job Number: 25-2306	Cust: R 215 JRef: 1Y7W2150003 T35
FROM: CDM		Qty: 1	MOSS	DrwNo: 062.25.0541.59533
			Truss Label: H03	KD / DF 03/03/2025

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Def/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00	Wind Std ASCE 7-22	Pg: NA Ct: NA CAT NA	PP Deflection in loc L/def L/#	Gravity Non-Gravity
TCDL 10.00	Speed 130 mph	Pf: NA Ce: NA	VERT(LL) 0.120 K 999 240	Loc R+ /Rh /Rw /U /RL
BCLL 0.00	Enclosure: Closed	Lx: NA Cs: NA	VERT(CL) 0.239 K 798 180	B 5876 -/- /- /1268 -/-
BCDL 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL) 0.033 C - -	H 9507 -/- /- /1654 -/-
Des Ld: 40.00	EXP-C Kzt: NA		HORZ(TL) 0.066 C - -	Wind reactions based on MWFRS
NCBCLL 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	B Brg Wid = 4.0 Min Req = 2.4 (Truss)
Soffit: 2.00	TCDL 5.0 psf	FBC 8th Ed 2023 Res.	Max TC CSI 0.747	H Brg Wid = 4.0 Min Req = 3.9 (Truss)
Load Duration: 1.25	BCDL 5.0 psf	TPI Std: 2014	Max BC CSI 0.750	Bearings B & H are a rigid surface.
Spacing: 24.0"	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI 0.928	Members not listed have forces less than 375#
	C&C Dist: 3.00 ft	FT/RT-20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: not in 9.00 ft	Plate Type(s):		Chords Tens.Comp. Chords Tens Comp
	GCpi: 0.18	WAVE, HS	VIEW Ver: 23.02.04.0123.14	B - C 1147 -5329 E - F 986 -4652
	Wind Duration: 1.60			C - D 1145 -5305 F - G 1115 -5371
				D - E 988 -4671 G - H 1346 -6819

Lumber

Top chord 2x4 SP #2; T2 2x4 SP M-31,
Bot chord 2x6 SP 2400F-2.0E;
Webs: 2x4 SP #3, W5 2x4 SP #2,
Rt Wedge: 2x6 SP #2;

Nailnote

Nail Schedule: 0 131"x3", min nails
Top Chord 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.50" o.c. (Each Row)
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 63 plf at -1.50 to 63 plf at 17.67
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.06
BC: From 10 plf at 7.06 to 10 plf at 16.17
BC: From 5 plf at 16.17 to 5 plf at 17.67
BC 5255 lb Conc. Load at 7.06
BC: 2168 lb Conc. Load at 9.06,11.06,13.06,15.06

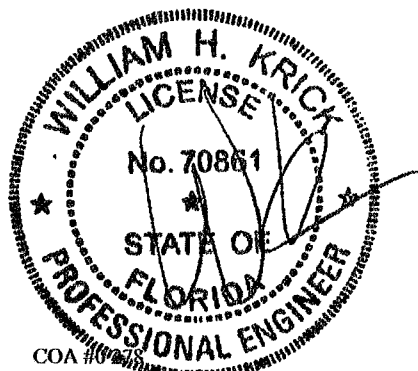
Wind

Wind loads and reactions based on MWFRS.
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5'-0-14.

THIS TRUSS MUST BE INSTALLED AS SHOWN
AND NOT END FOR END.

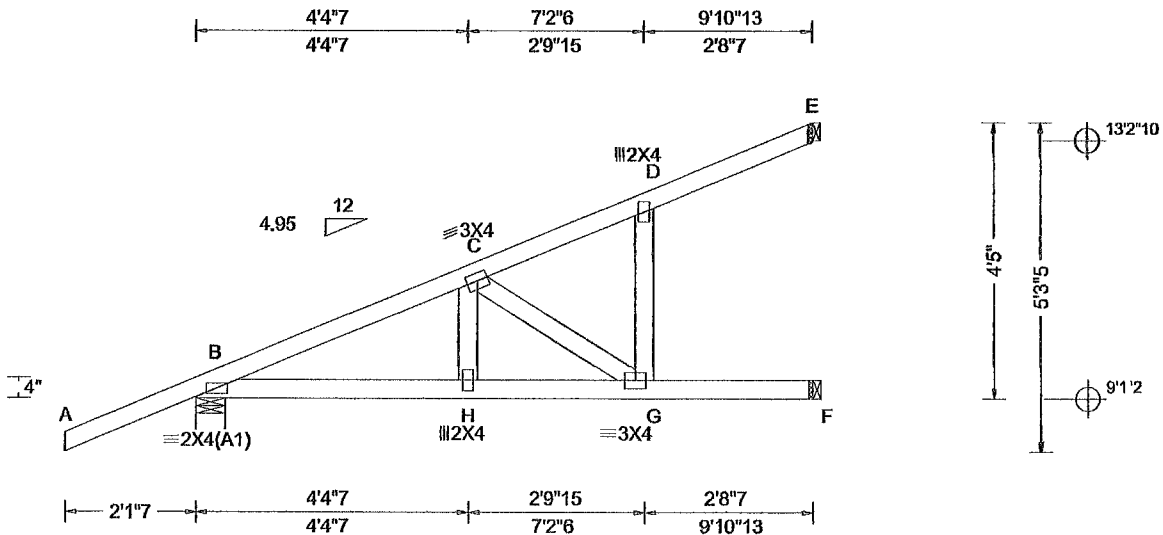


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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802194 FROM: CDM	HIP_	Ply: 1 Qty: 4	Job Number: 25-2306 MOSS Truss Label: HJ01	Cust: R 215 JRef: 1Y7W2150003 T8 DnwNo: 062.25.0542.18760 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Def/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 10.00 BCLL 0.00 BCDL 10.00 Des Ld. 40.00 NCBCLL 0.00 Soffit 2.00 Load Duration: 1.25 Spacing 24.0"	Wind Std ASCE 7-22 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: NA GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT NA Pf: NA Ce NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT-20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL) 0.172 G 680 240 VERT(CL) 0.349 G 335 180 HORZ(LL) 0.069 D - - HORZ(TL) 0.141 D - - Creep Factor 2.0 Max TC CSI 0.392 Max BC CSI 0.491 Max Web CSI 0.201 VIEW Ver: 23.02.04.0123 14	Gravity Loc R+ / R- / Rh Non-Gravity Loc / Rw / U / RL B 466 /- /- /- /94 /- F 271 /- /- /- /14 /- E 356 /- /- /- /89 /- Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Loading

Hipjack supports 7-0-0 setback jacks with no webs

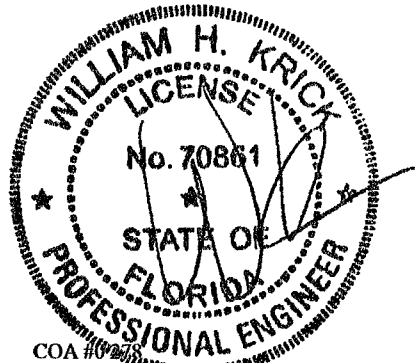
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4'-5-0.



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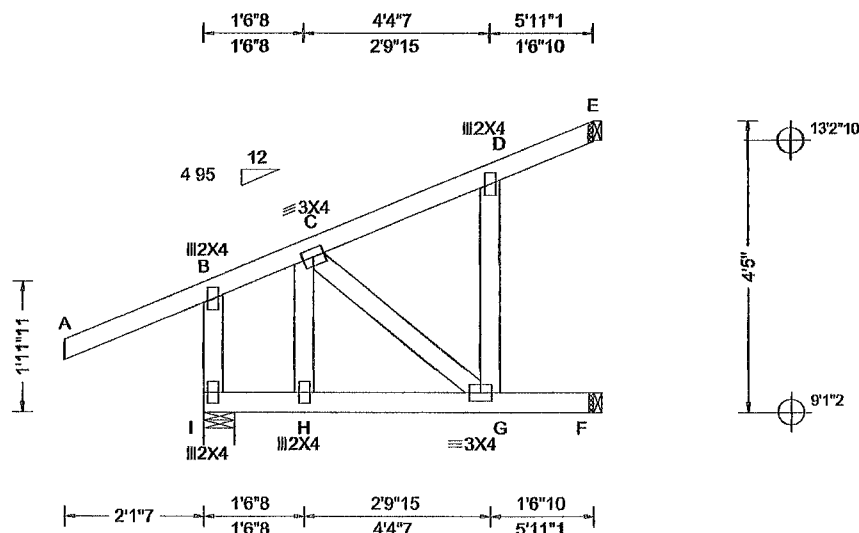
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ALPINE
ANTHONY COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802173 FROM: CDM	HIP_	Ply 1 Qty 1	Job Number: 25-2308 MOSS Truss Label: HJ02	Cust: R 215 JRef: 1Y7W2150003 T38 DrwNo: 062.25.0542.20400 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL. 20.00 TCDL. 10.00 BCLL. 0.00 BCDL. 10.00 Des Ld. 40.00 NCBCLL. 0.00 Soffit. 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std. ASCE 7-22 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 NA GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.026 D 999 240 VERT(CL): 0.050 D 999 180 HORZ(LL): 0.009 D - - HORZ(TL): 0.017 D - - Creep Factor: 2.0 Max TC CSI: 0.414 Max BC CSI: 0.224 Max Web CSI: 0.055 VIEW Ver: 23.02 04.0123.14	Gravity Loc R+ /R- /Rh Non-Gravity /Rw /U /RL I 259 /- /- /- /60 /- F 89 /- /- /- /6 /- E 108 /- /- /- /24 /- Wind reactions based on MWFRS I Brg Wid = 5.7 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing I is a rigid surface Members not listed have forces less than 375#

Lumber

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

Loading

Hipjack supports 4-2-4 setback jacks with no webs.

Wind

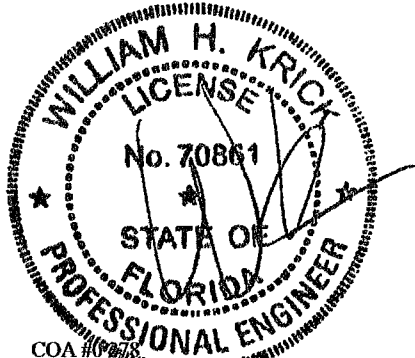
Wind loads and reactions based on MWFRS.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-5-0.



COA #0000000000

Florida Certificate of Product Approval #FL 1999

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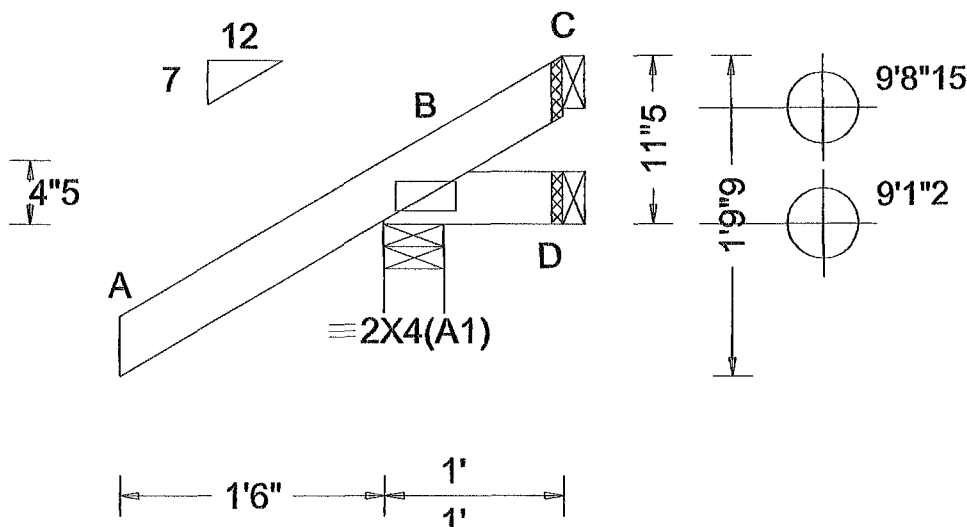
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802184 FROM: CDM	JACK Ply 1 Qty 8	Job Number 25-2308 MOSS Truss Label: J01	Cust: R 215 JRef: 1Y7W2150003 T6 DrwNo: 062.25.0542.21760 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 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 Std ASCE 7-22 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 Any GCpi 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI 0.259 Max BC CSI 0.040 Max Web CSI 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ /R- /Rh /Rw /U /RL Non-Gravity B 257 /- /- /208 /62 /44 D 5 /-17 /- /15 /16 /- C - /-55 /- /35 /55 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1 5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,

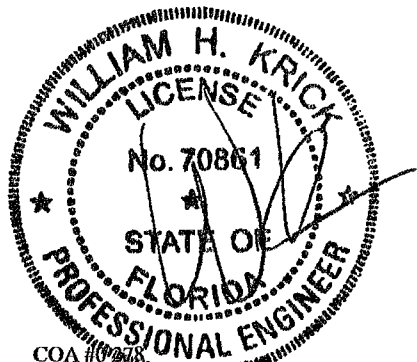
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is
0-11-5.



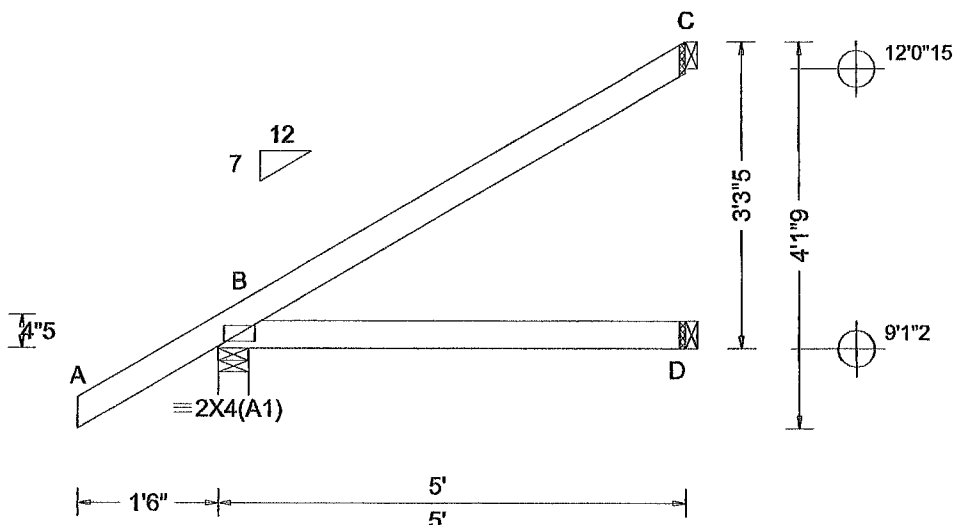
COA #0000000000

03/03/2025 State of Product Approval #FL 1999

****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 SBACA) 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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. Refer to Job's General Notes page for additional information.
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBACA: sbacacomponents.com; ICC: iccsafe.org; AWC: awc.org

ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 002188 FROM: CDM	JACK Ply 1 Qty 8	Job Number 25-2306 MOSS Truss Label: J03	Cust: R 215 JRef: 1Y7W2150003 T4 DrwNo: 062.25.0542.24457 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT. NA	PP Deflection in loc L/defl L/#	Gravity
TCDL 10.00	Speed 130 mph	Pf NA Ce. NA	VERT(LL) NA	Loc R+ / R- / Rh
BCLL 0.00	Enclosure: Closed	Lr NA Cs: NA	VERT(CL) NA	Non-Gravity
BCDL 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL) 0.004 B - -	/ Rw / U / RL
Des Ld. 40.00	EXP C Kzt: NA	Building Code:	HORZ(TL) 0.008 B - -	
NCBCLL 10.00	Mean Height: 15.00 ft	FBC 8th Ed 2023 Res.	Creep Factor: 2.0	
Soffit: 2.00	TCDL 5.0 psf	TPI Std: 2014	Max TC CSI 0.365	
Load Duration: 1.25	BCDL 5.0 psf	Rep Fac: Yes	Max BC CSI 0.237	
Spacing 24.0"	MWFRS Parallel Dist: 0 to h/2	FT/RT: 20(0)/10(0)	Max Web CSI 0.000	
	C&C Dist a: 3.00 ft	Plate Type(s):		
	Loc. from endwall: not in 4.50 ft			
	GCpi: 0.18			
	Wind Duration: 1.60	WAVE	VIEW Ver 23.02.04.0123 14	

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,

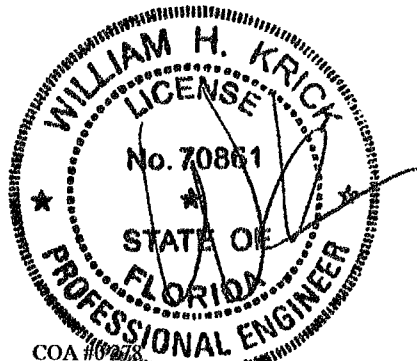
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 3-3-5.



COA #06218

Florida Certificate of Product Approval #FL 1999

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org

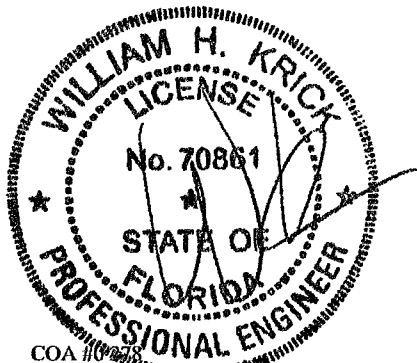
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria			▲ Maximum Reactions (lbs)							
TCLL	20.00	Wind Std	ASCE 7-22	Pg. NA	Ct: NA	CAT. NA	PP Deflection in	loc L/def	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	412	/-	/-	/279	/34	/169	
BCDL:	10.00	Risk Category:	II	Snow Duration: NA			HORZ(LL):	0.014	B - -	D	130	/-	/-	/73	/-	/-	
		EXP: C	Kzt: NA				HORZ(TL)	0.027	B - -	C	190	/-	/-	/124	/103	/-	
Des Ld:	40.00	Mean Height:	15.00 ft	Building Code:			Creep Factor: 2.0			Wind reactions based on MWFRS							
NCBCLL	10.00	TCDL	5.0 psf	FBC 8th Ed 2023 Res.			Max TC CSI	0.730			B	Brg Wid = 4.0 Min Req = 1.5 (Truss)					
Soffit:	2.00	BCDL	5.0 psf	TPI Std: 2014			Max BC CSI	0.520			D	Brg Wid = 1.5 Min Req = -					
Load Duration:	1.25	MWFRS Parallel Dist:	0 to h/2	Rep Fac: Yes			Max Web CSI	0.000			C	Brg Wid = 1.5 Min Req = -					
Spacing:	24.0 "	C&C Dist a	3.00 ft	FT/RT-20(0)/10(0)						Building B is a rigid surface.							
		Loc. from endwall, not in	4.50 ft	Plate Type(s):						Members not listed have forces less than 375#							
		GCpi:	0.18	WAVE													
		Wind Duration:	1.60				VIEW Ver			23.02.04.0123.14							

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2.

Wind loads based on MWFRS with additional C&C member design
Wind loading based on both gable and hip roof types.

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



COA #0273

03/03/2025
Florida Certificate of Product Approval #FL 1999

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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, or 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.

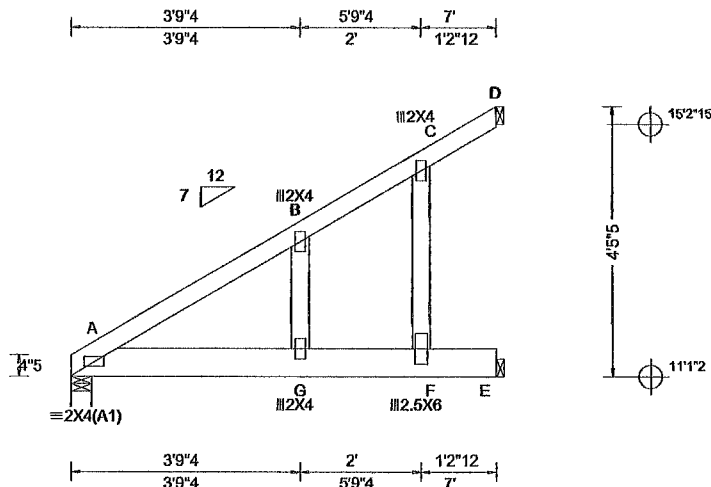
For more information see these web sites: Alpine: alpineltw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802294	EJAC	Ply 2	Job Number: 25-2306	Cust: R 215 JRef:1Y7W2150003 T53
FROM: CDM		Qty 1	MOSS	DrwNo: 062.25.0542.31477
			Truss Label: J05	KD / DF 03/03/2025

2 Complete Trusses Required



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
TCLL	20.00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/def L/#	Gravity			Non-Gravity			
TCDL	10.00	Speed 130 mph	Pf NA Ce: NA	VERT(LL) 0.130 G 634 240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL) 0.261 G 315 180	A	1192	/-	/-	/-	/55	/-
BCDL	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL) 0.076 B - -	E	1397	/-	/-	/-	/22	/-
		EXP: C Kzt: NA		HORZ(TL) 0.153 B - -	D	327	/-	/-	/-	/11	/-
Des Ld.	40.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS						
NCBCLL	0.00	TCDL 5.0 psf	FBC 8th Ed 2023 Res.	Max TC CSI 0.529	A	Brg Wid = 4.0		Min Req = 15 (Truss)			
Soffit	2.00	BCDL 5.0 psf	TPI Std: 2014	Max BC CSI 0.642	E	Brg Wid = 1.5		Min Req = -			
Load Duration: 1.25		MWFRS Parallel Dist. 0 to h/2	Rep Fac: No	Max Web CSI 0.277	D	Brg Wid = 1.5		Min Req = -			
Spacing 24.0 "		C&C Dist a 3.00 ft	FT/RT 20(0)/10(0)		Bearing A is a rigid surface.						
		Loc. from endwall. not in 9.00 ft	Plate Type(s):		Members not listed have forces less than 375#						
		GCpi 0.18	WAVE	VIEW Ver 23.02.04.0123 14							
		Wind Duration: 1.60									

Lumber

Top chord: 2x4 SP #2,
Bot chord 2x6 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 @ 4.50" 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)

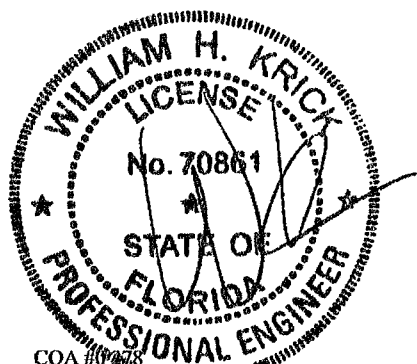
TC: From	63 plf at	0.00 to	63 plf at	3.77
TC: From	32 plf at	3.77 to	32 plf at	7.00
BC: From	20 plf at	0.00 to	20 plf at	3.77
BC: From	10 plf at	3.77 to	10 plf at	7.00
BC: 274 lb	Conc. Load at	1.77		
BC: 1109 lb	Conc. Load at	3.77		
BC: 1085 lb	Conc. Load at	5.77		

Wind

Wind loads and reactions based on MWFRS
Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #09278

Florida Certificate of Product Approval #FL 1999

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**

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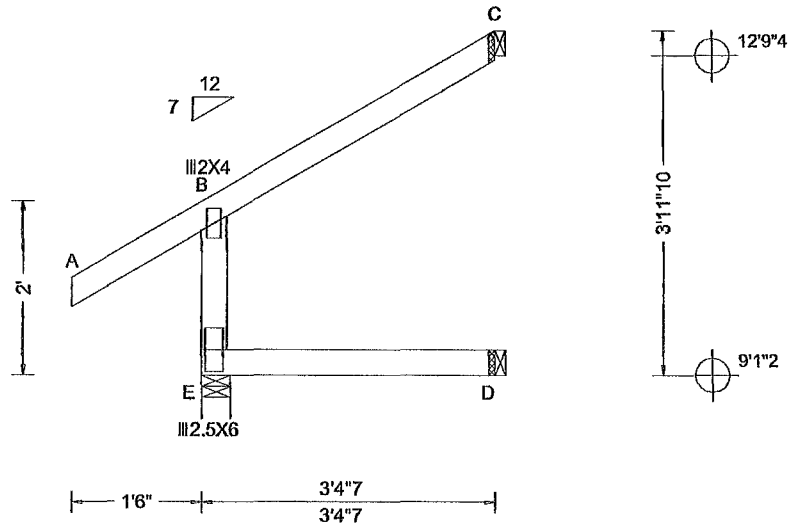
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802163 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: J07	Cust: R 215 JRef: 1Y7W2150003 T60 DrwNo: 062.25.0542.34520 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 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 Std ASCE 7-22 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. h/2 to h C&C Dist a 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT NA Pf: NA Ce: NA Lr: NA Cs NA Snow Duration: NA Building Code: FBC 8th Ed, 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL) 0.000 B 999 240 VERT(CL) 0.001 B 999 180 HORZ(LL) 0.000 B - - HORZ(TL) 0.001 B - - Creep Factor: 2.0 Max TC CSI 0.258 Max BC CSI 0.127 Max Web CSI 0.121 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 264 /- /- /221 /89 /- D 67 /- /- /34 /- /- C 84 /- /- /60 /14 /93 Wind reactions based on MWFRS E Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

B - E 405 -231

Lumber

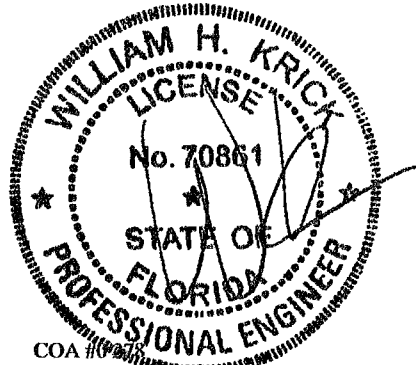
Top chord: 2x4 SP #2,
Bot chord: 2x4 SP #2
Webs: 2x4 SP #3,

Wind

Wind loads based on MWFRS with additional C&C member design
Left end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 3-11-10.



COA #0243

Florida Certificate of Product Approval #FL 1999

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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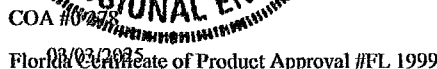
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

Diagram of a frame structure with an inclined member AC and a horizontal member BD. The frame is supported by a pin at A and a roller at D. A horizontal load of 4 k is applied at B. The dimensions are: horizontal distance from A to B is 1'6", from B to D is 5'9"12", and from A to D is 5'9"12". The vertical height of D above A is 9'1". The vertical height of C above D is 4'7"4", and the total height of C above A is 3'9". The slope of AC is 12/7. The cross-section of AC is 4" x 5".

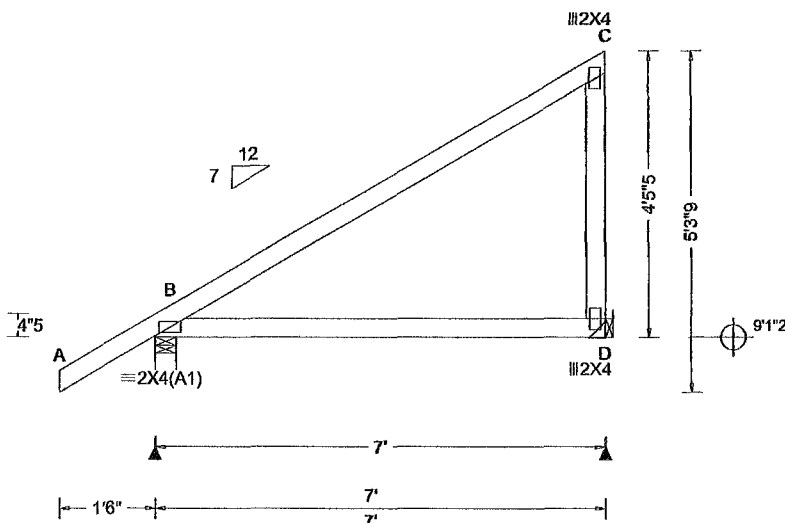
Lumber
Top chord 2x4 SP #2;
Bot chord 2x4 SP #2,

Wind
Wind loads based on MWFRS with additional C&C member design
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 3-9-0.



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Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria			▲ Maximum Reactions (lbs)						
TCLL	20.00	Wind Std. ASCE 7-22	Pg. NA	Ct: NA	CAT NA	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	Lur NA	Cs: NA		VERT(CL): NA			B	412	/-	/-	/-	/90	/-
BCDL	10.00	Risk Category: II	Snow Duration NA			HORZ(LL): 0.014 B - -			D	469	/-	/-	/-	/73	/-
Des Ld	40.00	EXP: C Kzt: NA				HORZ(TL) 0.027 B - -			Wind reactions based on MWFRS						
NCBCLL	10.00	Mean Height: 15.00 ft	Building Code:			Creep Factor: 2.0			B	Brg Wid = 4.0 Min Req = 1.5 (Truss)					
Soffit:	2.00	TCDL, 5.0 psf	FBC 8th Ed 2023 Res.			Max TC CSI 0.839			D	Brg Wid = - Min Req = -					
Load Duration: 1.25		BCDL, 5.0 psf	TPI Std: 2014			Max BC CSI 0.520			Bearing B is a rigid surface.						
Spacing 24.0 "		MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case			Max Web CSI 0.137			Members not listed have forces less than 375#						
		C&C Dist a 3.00 ft	FT/RT 20(0)/10(0)						Maximum Web Forces Per Ply (lbs)						
		Loc. from endwall: Any	Plate Type(s).						Webs	Tens.Comp.					
		GCpi. 0.18	WAVE			VIEW Ver: 23.02.04.0123.14			C - D	95 -387					
		Wind Duration: 1.60													

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2;
Webs: 2x4 SP #3;

Special Loads

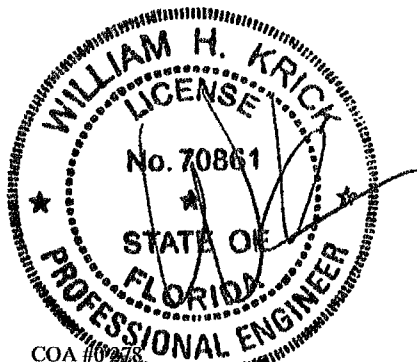
---(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 7.00
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.00
TC: 108 lb Conc. Load at 7.00
BC: 89 lb Conc. Load at 7.00

Wind

Wind loads and reactions based on MWFRS.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #0905

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****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 these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCEA: sbceacomponents.com; ICC: iccsafe.org; AWC: awc.org



155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802177	MONO	Ply 1	Job Number 25-2308	Cust: R 215 JRef: 1Y7W2150003 T64
FROM: CDM		Qty 1	MOSS	DrwNo: 062.25.0542.46640
Page 2 of 2			Truss Label: J10	KD / DF 03/03/2025

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.

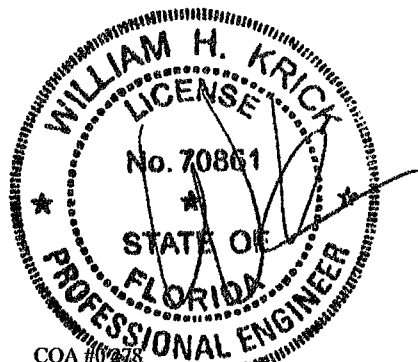
Bearing at location x=6'9" uses the following support conditions: 6'9"

Bearing D (6'9", 9'1"2) LUS26

Supporting Member: (1) 2x6 SP #2

(4) 0.148"x3" nails into supporting member,

(3) 0.148"x3" nails into supported member.



COA #07078

Florida Certificate of Product Approval #FL 1999

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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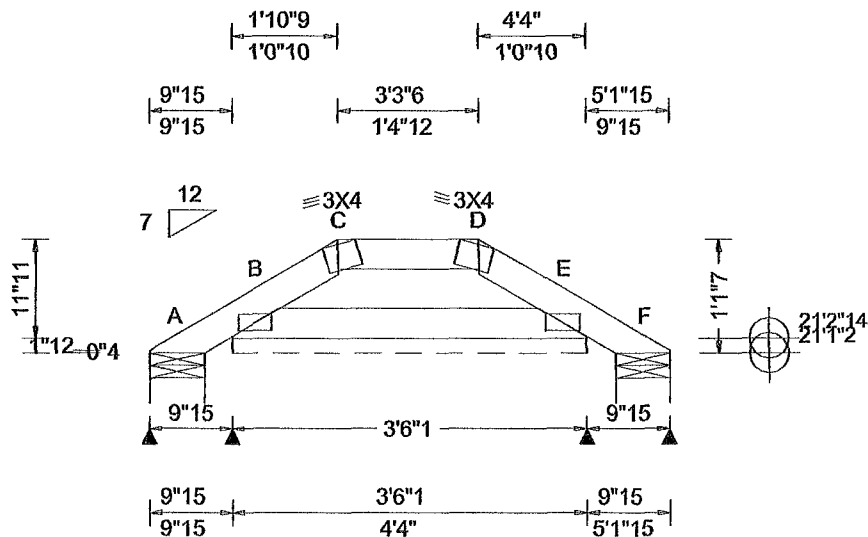
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802089 FROM: CDM	SPEC Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2308 MOSS Truss Label: PB01	Cust: R 215 JRef: 1Y7W2150003 T62 DrwNo: 062.25.0542.49377 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Def/CSI Criteria	Maximum Reactions (lbs), or *=PLF
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 Std ASCE 7-22 Speed 130 mph Enclosure: Closed Risk Category: II EXP C Kzt: NA Mean Height: 16.39 ft TCDL 5.0 psf BCDL 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist at 3.00 ft Loc. from endwall: not in 13.00 ft GCpr: 0.18 Wind Duration: 1 60	Pg: NA Ct: NA CAT NA Pf: NA Ce: NA Lr: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed, 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s) WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 D 999 240 VERT(CL): 0.001 D 999 180 HORZ(LL): 0.000 E - - HORZ(TL): 0.001 E - - Creep Factor: 2.0 Max TC CSI: 0.025 Max BC CSI: 0.051 Max Web CSI: 0.000 VIEW Ver: 23.02.04.0123 14	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL A 20 /- /- /21 /10 /27 B* 99 /- /- /56 /1 /- F 21 /- /- /13 /4 /- Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 42.1 Min Req = - F Brg Wid = 6.5 Min Req = 1.5 (Truss) Bearings A, B, & F are a rigid surface Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2;
Bot chord 2x4 SP #2;

Plating Notes

All plates are 2X4(A1) except as noted.

Purlins

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

Wind

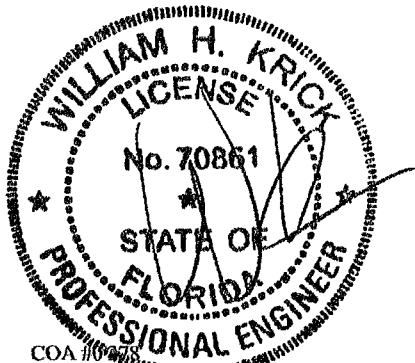
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types

Additional Notes

Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is 11'-7"



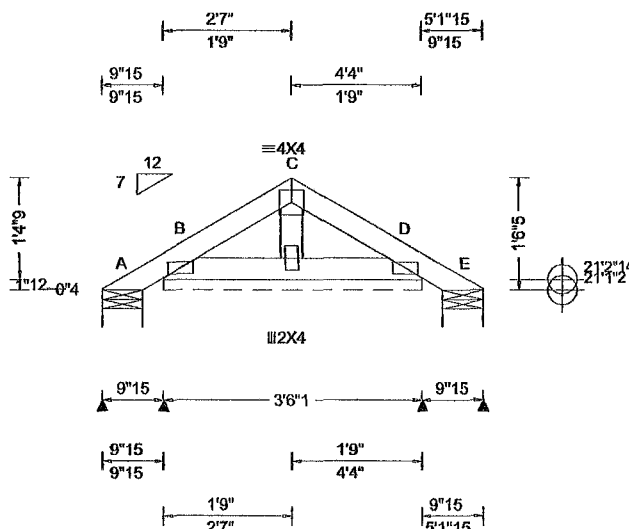
COA 110948

03/03/2025
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****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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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. Refer to Job's General Notes page for additional information.
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 these web sites: Alpine: alpineitw.com; TPI: tpinet.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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155 Harlem Ave
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Glenview, IL 60025

SEQN: 802087 FROM: CDM	SPEC Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: PB03	Cust: R 215 JRef: 1Y7W2150003 T55 DrwNo: 062.25.0542.51567 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Def/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCCL. 20.00 TCDL. 10.00 BCCL. 0.00 BCDL. 10.00 Des Ld. 40.00 NCBCLL. 10.00 Soffil. 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std ASCE 7-22 Speed 130 mph Enclosure: Closed Risk Category II EXP: C Kzt: NA Mean Height: 16.60 ft TCDL. 5.0 psf BCDL. 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist: 3.00 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg NA Ct: NA CAT NA Pf NA Ce: NA Lr NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor 2.0 Max TC CSI 0.026 Max BC CSI 0.021 Max Web CSI 0.010 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ /R- /Rh /Rw /U /RL Non-Gravity A 18 /- /- /- /2 /- B* 100 /- /- /- /18 /- E 18 /- /- /- /2 /- Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 42.1 Min Req = - E Brg Wid = 6.5 Min Req = 1.5 (Truss) Bearings A, B, & E are a rigid surface Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2,
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Plating Notes

All plates are 2X4(A1) except as noted

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched

Wind

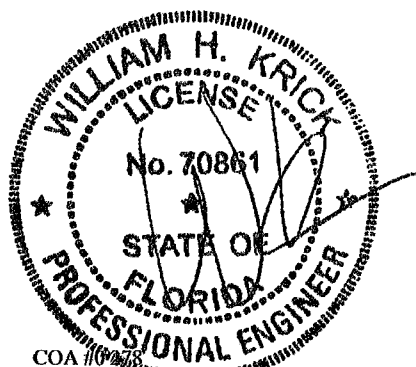
Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types

Additional Notes

Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is 1-6-5.



COA #03/03/2025
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For more information see these web sites: Alpine: alpineltw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

The drawing consists of two views of a roof truss:

- Elevation View (Top):** Shows a gabled truss with a peak labeled 'C'. The roof slope is indicated by a triangle with a vertical side of 7 and a horizontal side of 12. The truss is supported by a wall at the base, labeled '12'-6"4'. The roof ridge is labeled '≡ 4X4'. The truss members are labeled A, B, D, and E. The height of the truss is labeled '17'-2". The roof pitch is labeled '18"-14'. The truss is supported by a wall at the base, labeled '12'-6"4'.
- Plan View (Bottom):** Shows the truss from above. The total width is labeled '42'-13". The truss is supported by a wall at the base, labeled '12'-6"4'. The roof ridge is labeled '≡ 4X4'. The truss members are labeled A, B, D, and E. The height of the truss is labeled '17'-2". The roof pitch is labeled '18"-14'. The truss is supported by a wall at the base, labeled '12'-6"4'.

Dimensions and material specifications are provided for each view:

- Elevation View Dimensions:**
 - Roof slope: 7 vertical, 12 horizontal.
 - Truss height: 17'-2".
 - Base width: 12'-6"4'.
 - Roof pitch: 18"-14'.
- Plan View Dimensions:**
 - Total width: 42'-13".
 - Truss height: 17'-2".
 - Roof pitch: 18"-14'.
 - Truss members: A, B, D, E.

Material specifications are provided for the truss members:

- Roof ridge: ≡ 4X4
- Truss members: ≡ 2X4

Lumber
Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,
Webs. 2x4 SP #3;

All plates are 2X4(A1) except as noted

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

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

Additional Notes

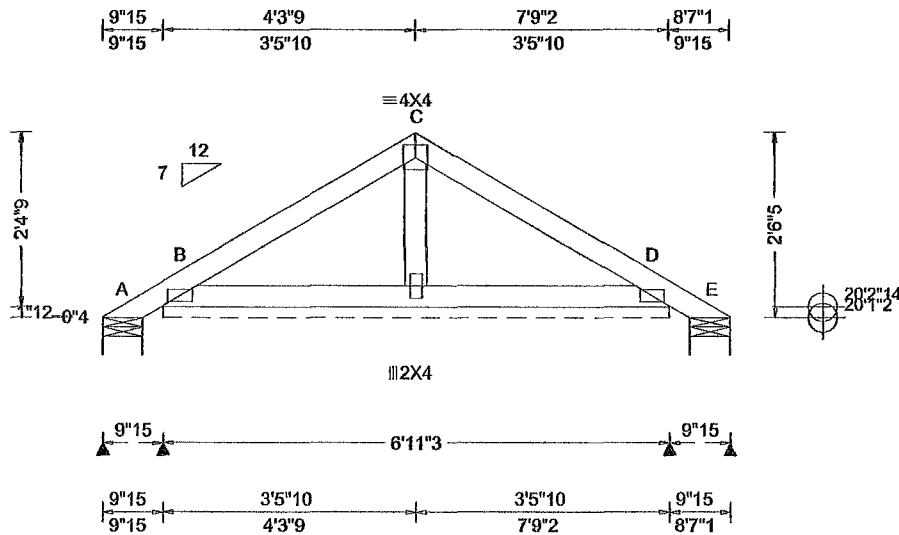
Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is
1-8-14



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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802095 FROM: CDM	SPEC Qty: 2	Ply: 1 Qty: 2	Job Number: 25-2306 MOSS Truss Label: PB07	Cust: R 215 JRef: 1Y7W2150003 T32 DrwNo: 062.25.0542.55673 KD / DF 03/03/2025
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Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Def/CSI Criteria	▲ Maximum Reactions (lbs), or * = PLF						
TCLL	20.00	Wind Std. ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity		Non-Gravity				
TCDL	10.00	Speed 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 D 999 240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL	0.00	Enclosure: Closed	Lr: NA Cs: NA	VERT(CL): 0.002 D 999 180	A	-	/-40	/-	/50	/62	/62
BCDL	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 D - -	B*	109	/-	/-	/60	/6	/-
Des Ld	40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 D - -	E	-	/-40	/-	/19	/31	/-
NCBCLL	10.00	Mean Height: 16.42 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS						
Soffit	2.00	TCDL: 5.0 psf	FBC 8th Ed, 2023 Res.	Max TC CSI: 0.125	A	Brg Wid = 6.5 Min Req = 1.5 (Truss)					
Load Duration: 1.25		BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.093	B	Brg Wid = 83.2 Min Req = -					
Spacing: 24.0 "		MWFRS Parallel Dist. h to 2h	Rep Fac: Yes	Max Web CSI: 0.018	E	Brg Wid = 6.5 Min Req = 1.5 (Truss)					
		C&C Dist a 3.00 ft	FT/RT 20(0)/10(0)		Bearings A, B, & E are a rigid surface						
		Loc. from endwall: not in 9.00 ft	Plate Type(s):		Members not listed have forces less than 375#						
		GCPr: 0.18	WAVE	VIEW Ver: 23.02.04.0123.14							
		Wind Duration: 1.60									

Lumber

Top chord: 2x4 SP #2,
Bot chord: 2x4 SP #2,
Webs: 2x4 SP #3;

Plating Notes

All plates are 2X4(A1) except as noted

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind

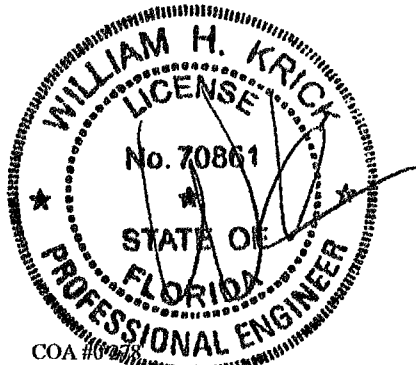
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is 2'-6"-5".



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Glenview, IL 60025

Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or -reinforcement or scab reinforcement.

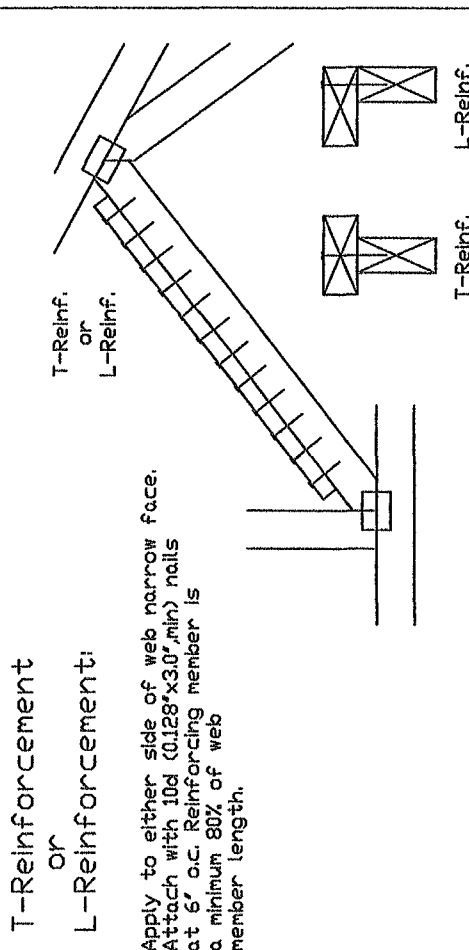
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

Use scabs instead of L- or T- reinforcement on webs with intersecting truss joints, such as K-web joints, that may interfere with proper application along the narrow face of the web.

Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf. Scab Reinf.
2x3 or 2x4	1 row	1-2x4
2x3 or 2x4	2 rows	2-2x4
2x6	1 row	1-2x6
2x6	2 rows	2-2x6
2x8	1 row	1-2x8
2x8	2 rows	2-2x8

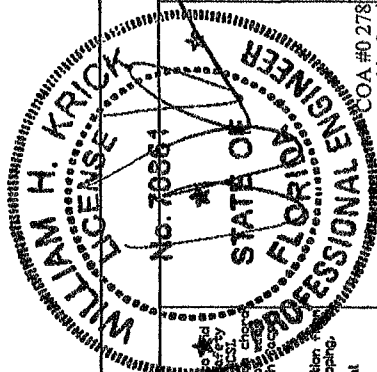
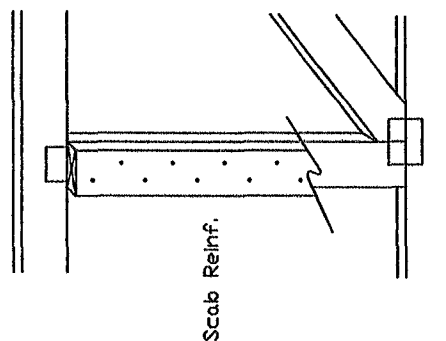
T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

Center scab on wide face of web. Apply (1) scab to each face of web.



Scab Reinforcement:

Apply scab(s) to wide face of web.
No more than (1) scab per face.
Attach with 10d (0.128"x3.0",min) nails
at 6" o.c. Reinforcing member is a
minimum 80% of web member length.



IMPORTANT: READ AND FILL IN ALL NOTES ON THIS DRAWING
IMPORTANT: FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabrication, handling, shipping, installing and bracing. Refer to the latest edition of EBCI Building Component Safety Information, by TPI and SBCA for safety instructions prior to performing this work. This drawing shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per SBCI sections 13.07 or 13.10, as applicable. Apply plates to each truss per SBCI drawings 15B-01 for standard plate bracing.

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A seal on this drawing or cover page stating "I am accepting 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.alphatrust.com TPI: www.tpi-international.com www.alphacomponents.com www.alphatrust.com

REF	CLR Subst.
DATE 01/02/19	
DRWG BCLBSUB011	
PSF	
PSF	
PSF	
PSF	
TOT. LD.	
DUR. FAC.	
DATE of Product Approval #FE	999
SPACING	

COA #0278 DUR, FAL, FLORIDA CERTIFICATE OF PRODUCT SPACING

Piggyback Detail - ASCE 7-22: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

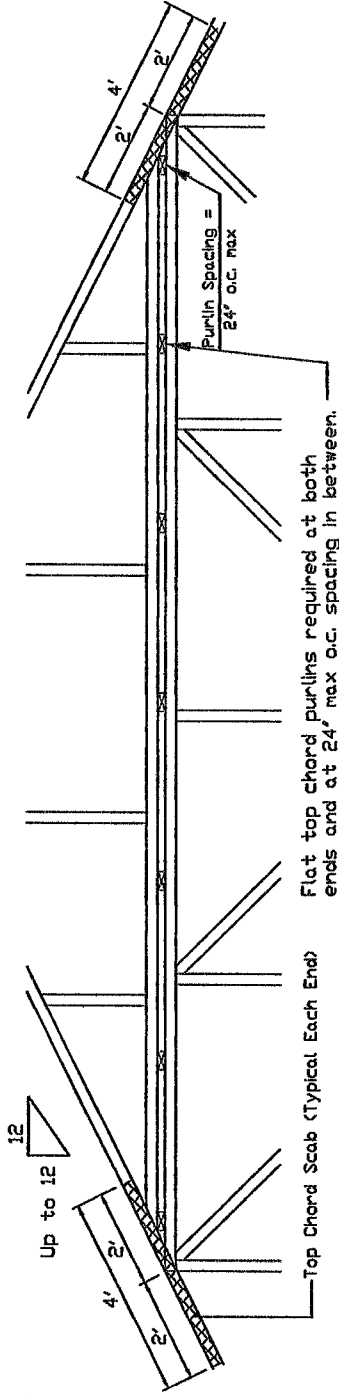
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL= 50 psf (min), Kzt=1.0, or 140 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp D, Wind DL= 50 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building designer shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24' o.c. Detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Detail A : Purlin Spacing = 24" o.c. or less



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135x3.5') and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128x3.5') at 4' o.c.

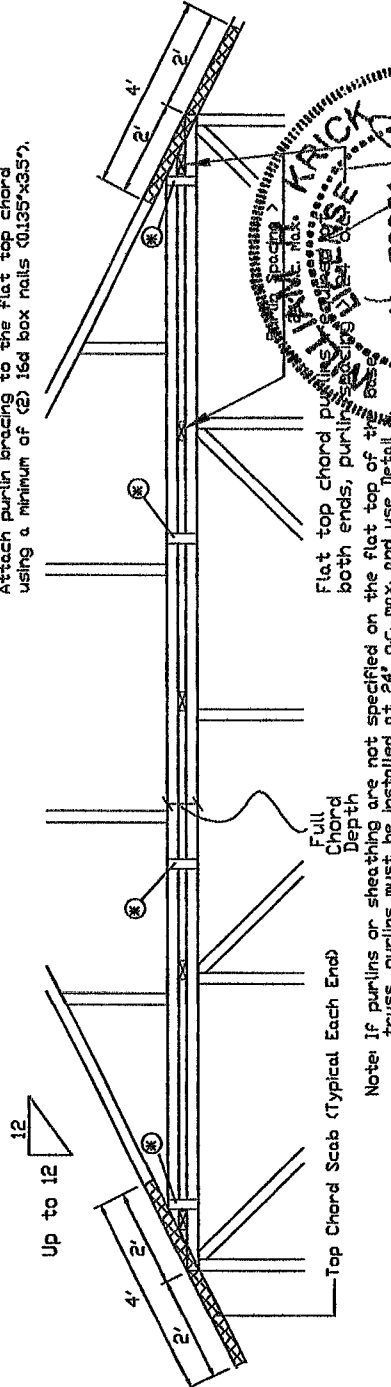
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135x3.5').

The top chord #3 grade 2x4 scab may be replaced with either of the following: (3) 3x8 Trulox plate attached with (3) 0.120x1.375" nails, (4) into cap TC & (4) into base truss TC or (3) 28P3 wave piggyback plate attached to the piggyback truss TC and attached to the base truss TC with (4) 0.120x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

Detail B : Purlin Spacing > 24" o.c.

Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135x3.5') and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128x3.5') at 4' o.c.

Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0.135x3.5').



Note: If purlins or sheathing are not specified on the flat top of the truss, purlins must be installed at 24' o.c. max. and use Detail A.

SEE INSTRUCTIONS FOR THE INSTALLATION OF THE TRUSSES.

Trusses require extreme care in fabrication, handling, shipping, installing and bracing. Refer to the latest edition of ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL= 50 psf (min), Kzt=1.0, or 140 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp D, Wind DL= 50 psf (min), Kzt=1.0. Unless noted otherwise, top chord shall have property attained structural sheathing and bracing. The building designer shall have a properly qualified professional engineer (PE) certify that the truss is designed and constructed in accordance with the ASCE 7-22 or ASCE 7-10 as applicable. Apply plates to each end of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions.

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

For more information see this job's general notes page and these web sites: ALPINE: www.alpineinc.com TPI: www.tpiinc.org SBCA: www.sbcacomponents.com EDC: www.edcinc.com

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North Building, 4th Floor
Glenview, IL 60025

With one of the following methods: Trulox Use 3x8 Trulox plates for 2x4 chord member, and 3x10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces. APA Rated Gusset 8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (3) 0.120x1.375" nails into cap bottom chord and (3) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces. 2x4 Vertical Scabs 2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (3) 10d box nails (0.128x3.5') per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces. 28P3 Wave Piggyback Plate Use 28P3 wave piggyback plate to each face @ 8' o.c. Attach to each face with (4) 0.120x1.375" nails per face per ply, 4' o.c. front to back faces.	REF PIGGYBACK DATE 07/03/2023 DRWG PB160220723
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03/03/2025
Florida Certificate of Approval #FL-1999
SPACING 24.0'

Valley Detail - ASCE 7-22: 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

Top Chord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better,
Bot Chord 2x4 SP #2N or SPF #1/#2 or better,
Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better,

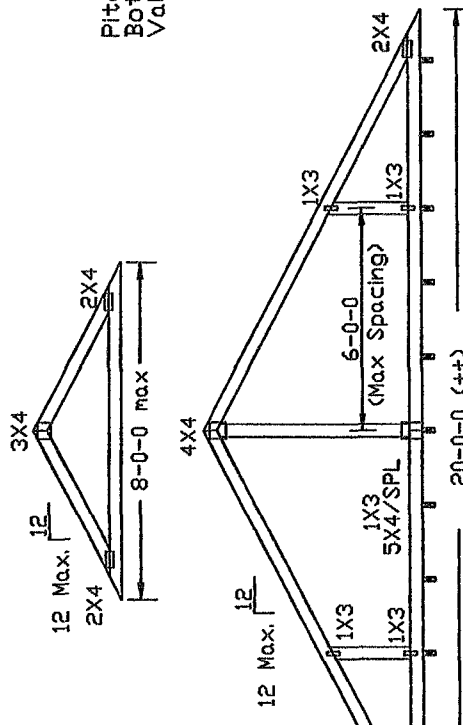
** Attach each valley to every supporting truss with:
 (2) 16d box (0.135" x 3.5") nails toe-nailed for
 ASCE 7-22, 30' Mean Height, Enclosed Building, Exp. C
 Wind TC DL=5 psf, Kzt = 1.00, Max. Wind Speed based
 supporting truss material at connection location:
 140 mph for SP (G = 0.55, min.),
 125 mph for DF-L (G = 0.50, min.), or
 105 mph for HF & SPF (G = 0.42, min.).

Maximum top chord pitch is 10/12 for supporting trusses below valley trusses.

Bottom chord of valley trusses may be square or pitched cut as shown.

Valleys short enough to be cut as solid triangular members from a single 2x6, or larger as required, shall be permitted in lieu of fabricating from separate 2x4 members.

All plates shown are Alpine Wave Plates.



Supporting trusses at 24' o.c. maximum spacing.

Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7'-9" apply 2x4 'T' reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.128" x 3.0") nails at 6" o.c. In lieu of 'T' reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

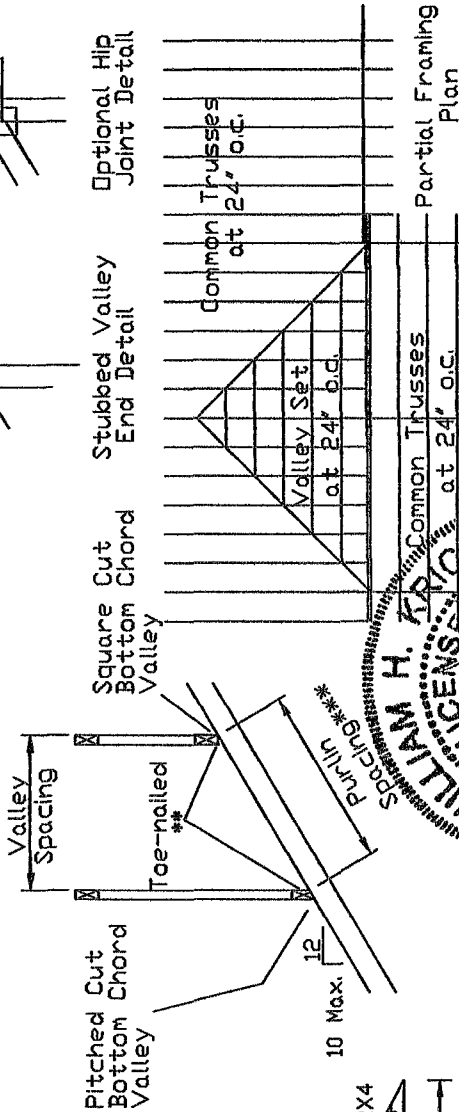
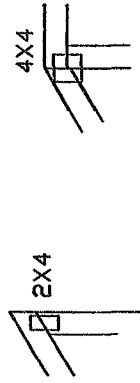
Top chord of truss beneath valley set must be braced with properly attached, rated sheathing applied prior to valley truss installation.

Purlins at 24' o.c. or as otherwise specified on engineer's sealed design

By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

++ Larger spans may be built as long as the vertical height does not exceed 14'-0".

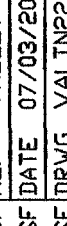
[illegible]

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A Seal on this drawing or cover page means that we warrant its accuracy and accept full responsibility for its use. The suitability and use of this drawing engineering responsibility solely for the design shown. The Building Designer per ANSI/TPI 1 Sec.2. For more information see this Job's general notes page and these web sites:
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NO. 70884	TC LL	30	30	40PSF	REF	VALLEY DETAIL
	TC DL	20	15	7PSF	DATE	07/03/2023
	BC DL	10	10	10 PSF	DRWG	VALTN220723
	BC LL	0	0	0 PSF		
	TOT. LD.	60	55	57PSF		
COA #0 278	DATE	07/03/2023	11:33	11:15		
Florida Certified			SPACING APPROX. 24" O.C.			