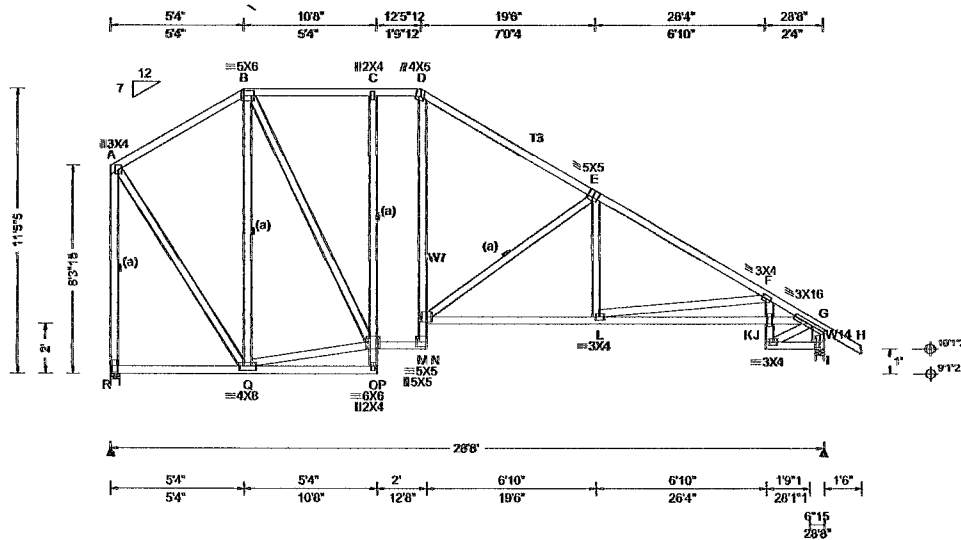


SEQN: 802126 FROM: CDM	HIPS Qty: 1	Job Number: 25-2306 MOSS Truss Label: G22	Cust: R 215 JRef: 1Y7W2150003 T28 DrwNo: 082.25.0539.39867 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (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: 15.38 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/# VERT(LL): 0.292 M 999 240 VERT(CL): 0.580 M 582 180 HORZ(LL): 0.299 K - - HORZ(TL): 0.615 K - - Creep Factor: 2.0 Max TC CSI 0.897 Max BC CSI 0.905 Max Web CSI 0.881 VIEW Ver 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL R 1189 - / - / 650 / 100 / 262 I 1296 - / - / 805 / 51 / - Wind reactions based on MWFRS R Brg Wid = 4.0 Min Req = 1.5 (Truss) I Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings R & I 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 297 -640 D - E 428 -1194 B - C 425 -827 E - F 465 -1912 C - D 425 -828 F - G 620 -2886

Lumber
Top chord: 2x4 SP #2, T3 2x4 SP M-31,
Bot chord 2x4 SP #2;
Webs: 2x4 SP #3; W7 2x4 SP M-31, W14 2x6 SP #2;

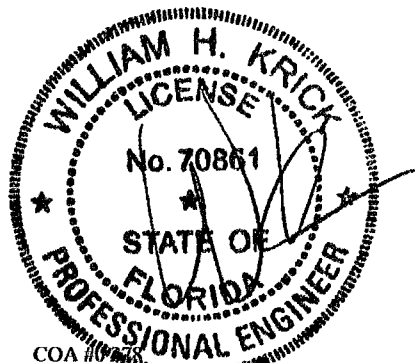
Bracing
(a) Continuous lateral restraint equally spaced on member

Plating Notes
All plates are 2.5X6 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.
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 11-5-5.
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).



COA #02028
03/03/2025
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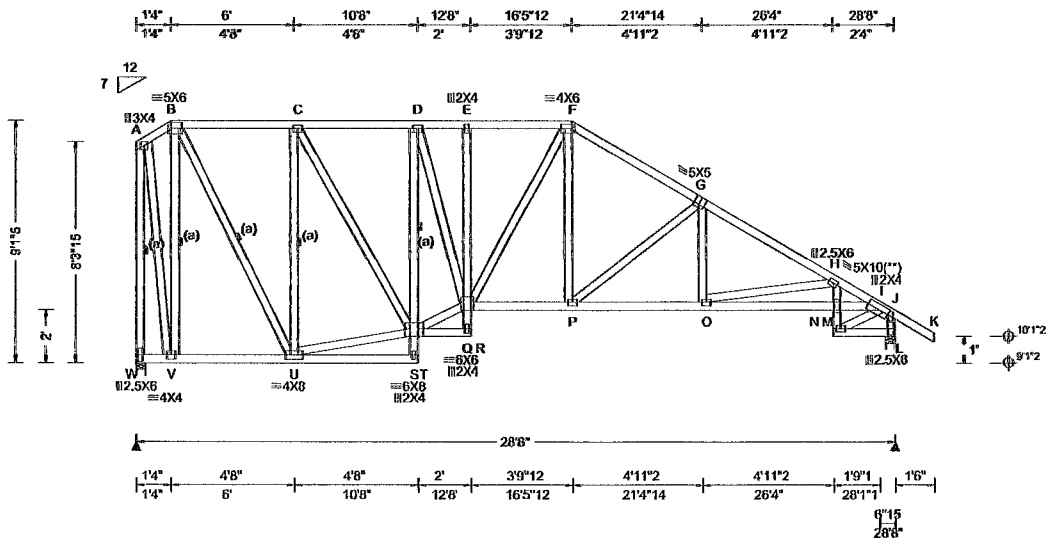
Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp
O - N	829 -39	L - J	2425 -488
M - L	1560 -242	J - G	2462 -483

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
A - R	480 -1147	D - M	538 -97
A - Q	866 -332	M - E	245 -809
B - Q	323 -700	E - L	431 0
B - O	753 -250	L - F	262 -881
Q - O	514 -10	F - J	420 0
C - O	256 -484	G - I	359 -1273

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802132 FROM: CDM	HIPS Qty: 1	Ply 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: G24	Cust: R 215 JRef: 1Y7W2150003 T46 DrwNo: 062.25.0539.42973 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/# VERT(LL): 0.110 P 999 240 VERT(CL): 0.227 P 999 180 HORZ(LL): 0.071 L - - HORZ(TL): 0.147 L - - Creep Factor: 2.0 Max TC CSI: 0.837 Max BC CSI: 0.694 Max Web CSI: 0.760	Gravity		Non-Gravity	
				Loc	R+ /R-	/Rh	/Rw /U /RL
				W	1189	-	635 /193 /200
				L	1296	-	799 /93 -
				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.
				B - C	382 -658	F - G	599 -1518
				C - D	532 -1036	G - H	634 -2028
				D - E	592 -1260	H - I	742 -2698
				E - F	594 -1263	I - J	244 -693

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

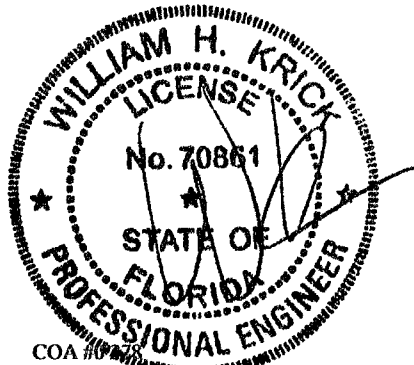
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9'-1.5.

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).



COA #0728

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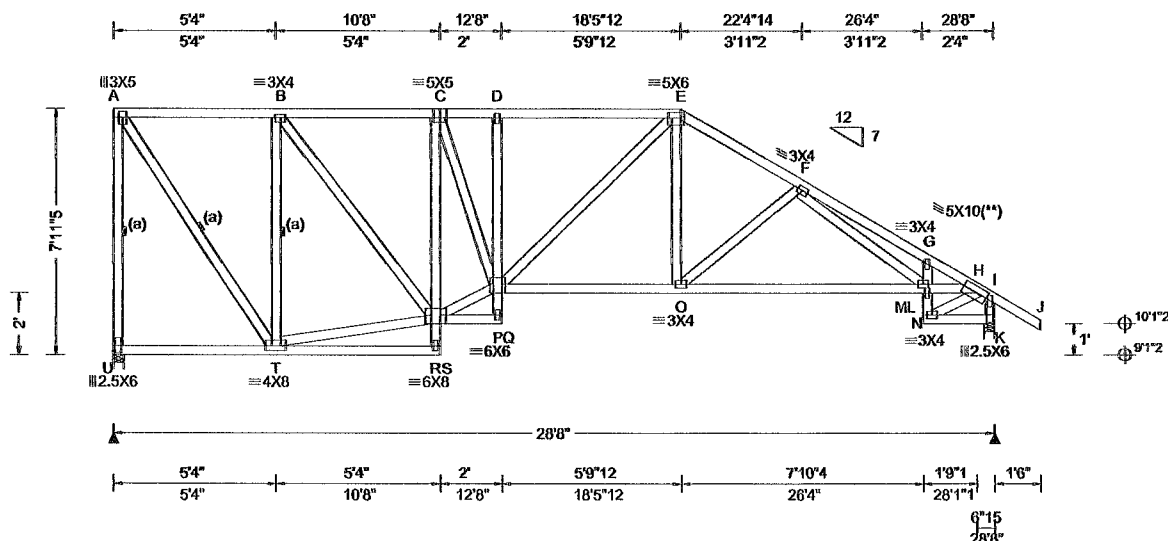
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SEQN: 802135 FROM: CDM	HIPM Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: G25	Cust: R 215 JRef: 1Y7W2150003 T37 DrwNo: 082.25.0541.08840 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 10.00 BCDL 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 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) 0.112 O 999 240 VERT(CL) 0.232 O 999 180 HORZ(LL) 0.073 K - - HORZ(TL) 0.150 K - - Creep Factor: 2.0 Max TC CSI 0.837 Max BC CSI 0.716 Max Web CSI 0.982 VIEW Ver 23.02.04.0123.14	Gravity Non-Gravity Loc 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 = 1.5 (Truss) K Brg Wid = 4.0 Min Req = 1.5 (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

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 2X4 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

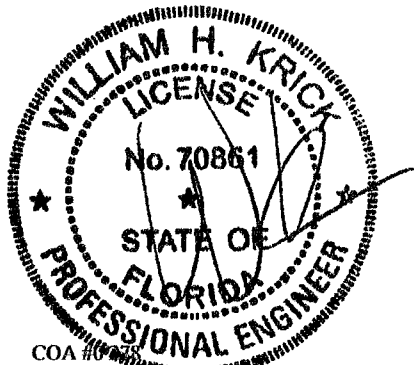
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 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).



COA #09238

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Maximum Bot Chord Forces Per Ply (lbs)

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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
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		

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

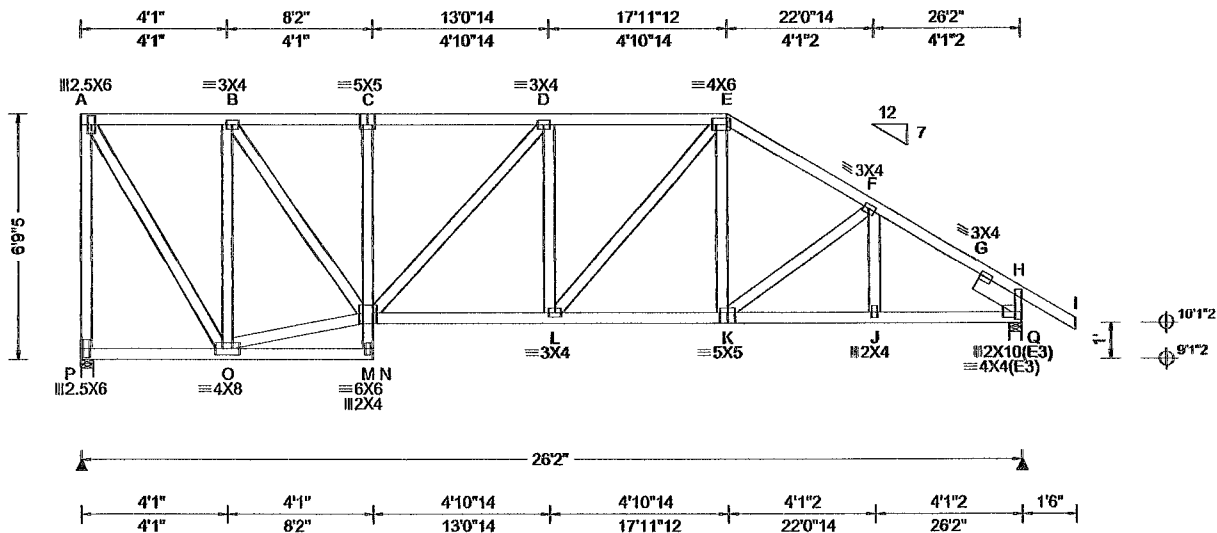
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Glenview, IL 60025

SEQN. 802138 FROM: CDM	HIPM Qty: 1	Job Number: 25-2306 MOSS Truss Label: G26	Cust: R 215 JRef: 1Y7W2150003 T34 DrwNo: 062.25.0541.09887 KD / DF 03/03/2025
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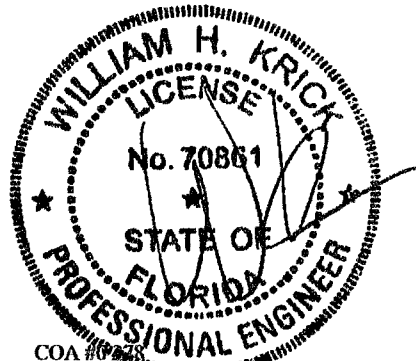
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL 20.00 TCDL 10.00 BCLL 0.00 BCDL 10.00 Des Ld: 40.00 NCBCLL 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std ASCE 7-22 Speed 130 mph Enclosure: Closed Risk Category: II EXP: C 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 GCpt: 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) 0.065 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 580 -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.



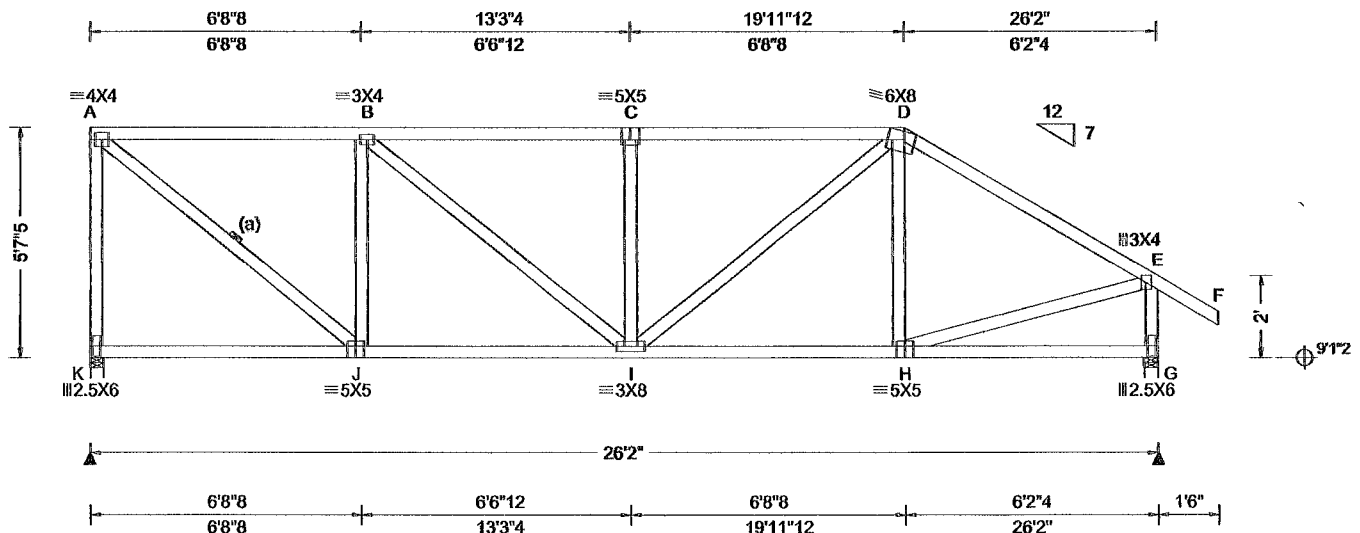
COA #03025

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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 a: 3.00 ft Loc. from endwall not in 9.00 ft GCpt: 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): 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

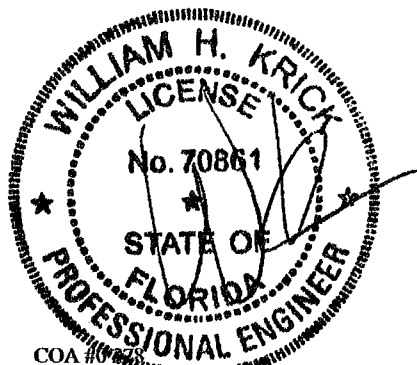
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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'-7-5.

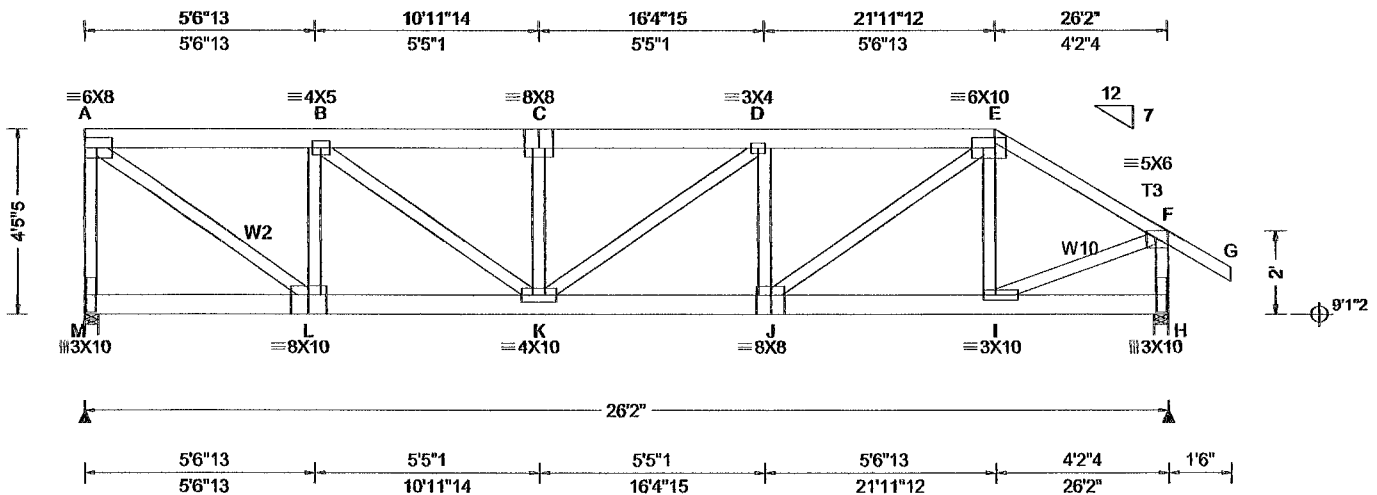


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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802182 FROM: CDM	HIPM 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 t/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpt: 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/defl 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	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL 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

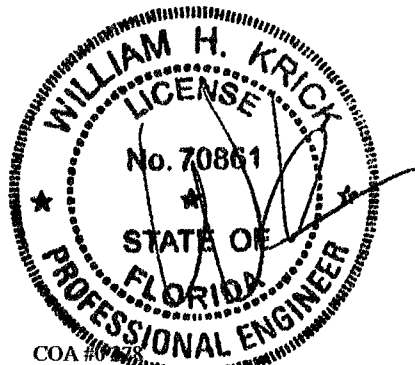
Lumber
Top chord: 2x6 SP #2, T3 2x4 SP #2,
Bot chord 2x6 SP #2;
Webs: 2x4 SP #3; W2,W10 2x4 SP #2;

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.

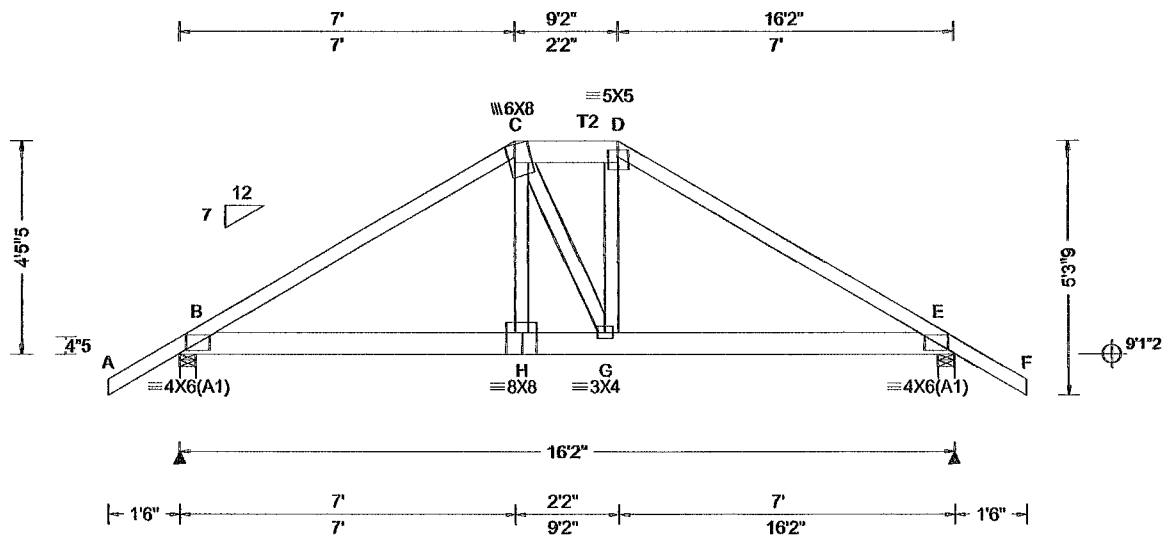


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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 002197 FROM: CDM	HIPS Qty: 1	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: 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: Vanes 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	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; T2 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

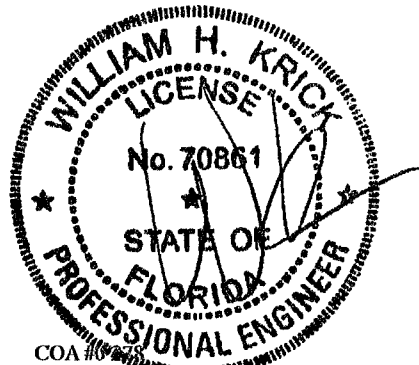
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.



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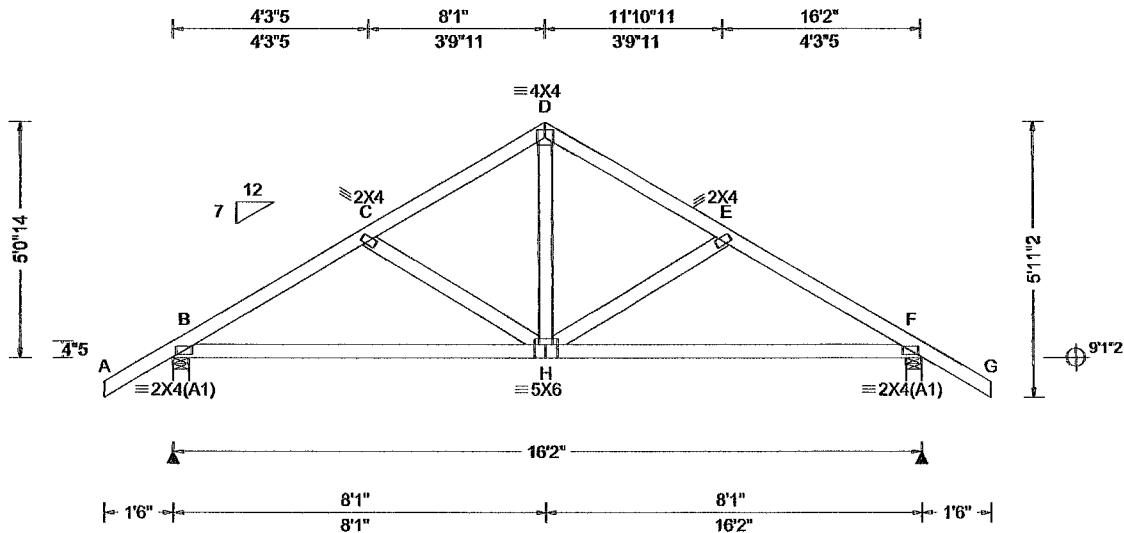
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155 Harlem Ave
North Building, 4th Floor
Glenview IL 60025
Glenview IL 60025

SEQN: 802315 FROM: CDM	COMN Qty: 5	Ply: 1 Qly: 5	Job Number: 25-2306 MOSS Truss Label: H02	Cost: 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 GCpf: 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): 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	Maximum Reactions (lbs) 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

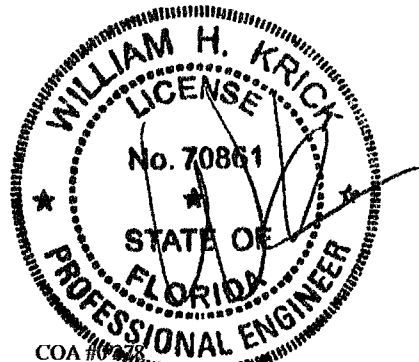
Top chord 2x4 SP #2;
Bot chord 2x4 SP #2;
Webs: 2x4 SP #3;

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.



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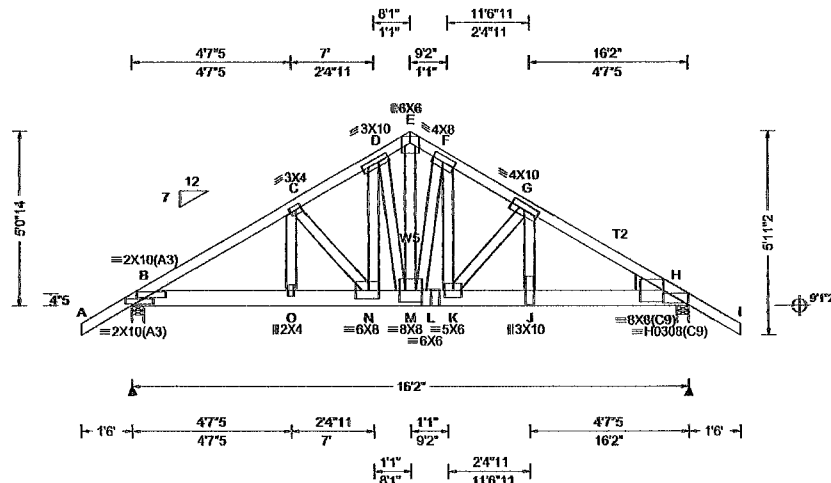
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802237 FROM: CDM	COMN Qty: 1	Ply: 2	Job Number: 25-2306 MOSS Truss Label: H03	Cust: R 215 JRef: 1Y7W2150003 T35 DrwNo: 082.25.0541.58533 KD / DF 03/03/2025
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2 Complete Trusses Required



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: 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: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.120 K 999 240 VERT(CL): 0.239 K 798 180 HORZ(LL): 0.033 C - - HORZ(TL): 0.066 C - - Creep Factor: 2.0 Max TC CSI 0.747 Max BC CSI 0.750 Max Web CSI 0.928 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 5876 /- /- /- /1268 /- H 9507 /- /- /- /1654 /- Wind reactions based on MWFRS B Brg Wid = 4 0 Min Req = 2.4 (Truss) H Brg Wid = 4 0 Min Req = 3.9 (Truss) Bearings B & 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 B - C 1147 -5329 E - F 986 -4652 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

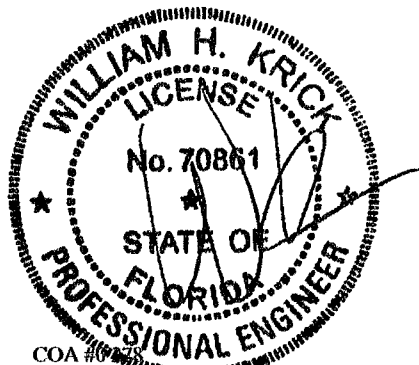
Wind

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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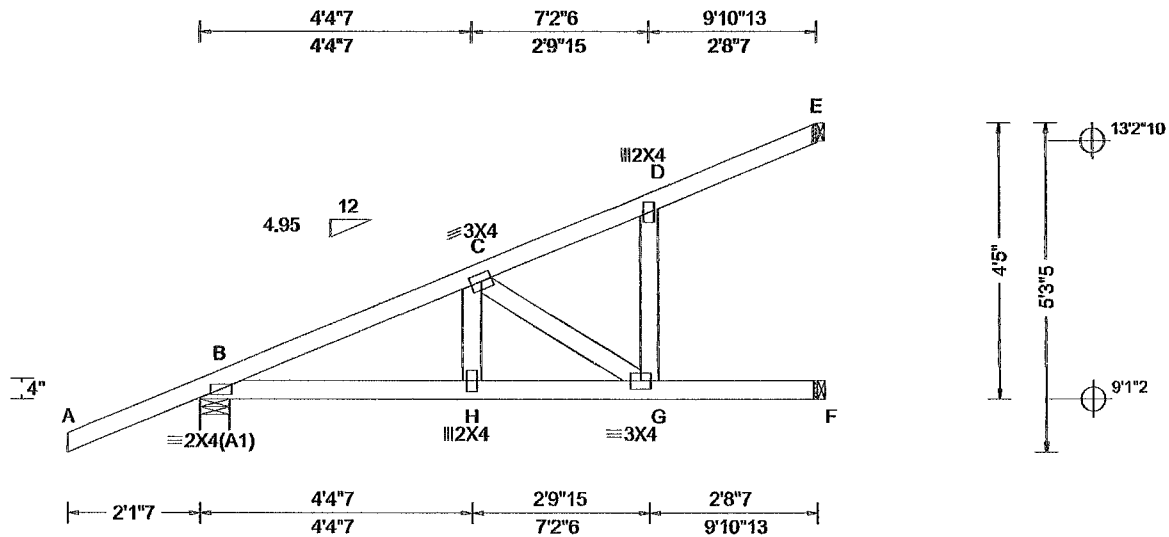
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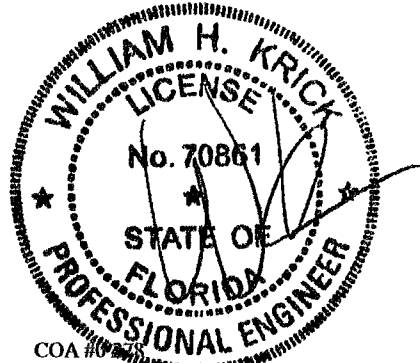
SEQN: 802194 FROM: CDM	HIP_	Ply: 1 Qty: 4	Job Number: 25-2306 MOSS Truss Label: HJ01	Cust: R 215 JRef: 1Y7W2150003 T8 DrwNo: 082.25.0542.18760 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg. Pf in PSF)	Defl/CSI Criteria	Maximum 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 GCpt: 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: 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 Non-Gravity Loc R+ / R- / Rh / 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;	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - H 642 -97 H - G 629 -97
Loading Hipjack supports 7-0-0 setback jacks with no webs	Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. C - G 110 -718
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.

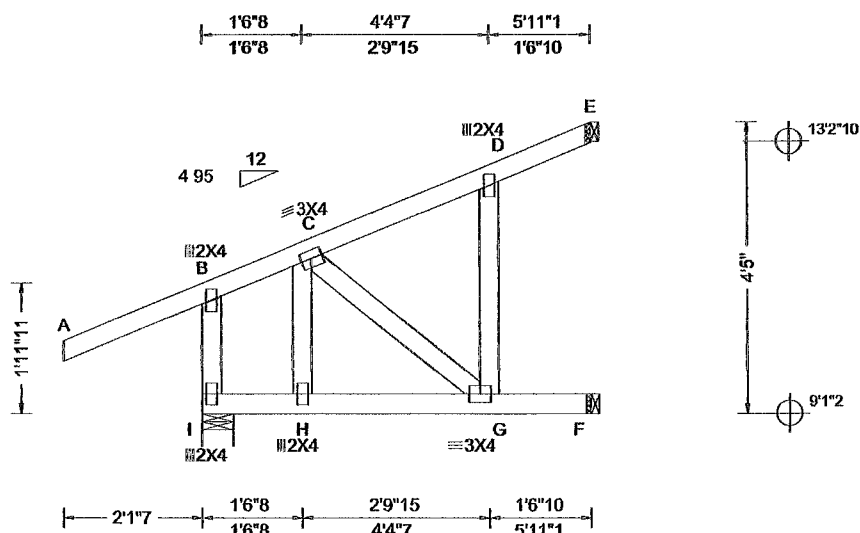


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SEQN: 802173 FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: HJ02	Cust: R 215 JRef: 1Y7W2150003 T38 DrwNo: 082.25.0542.20400 KD / DF 03/03/2025
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Loading Criteria (psf)	Wind Criteria	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/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 / Rw / U / RL Non-Gravity 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

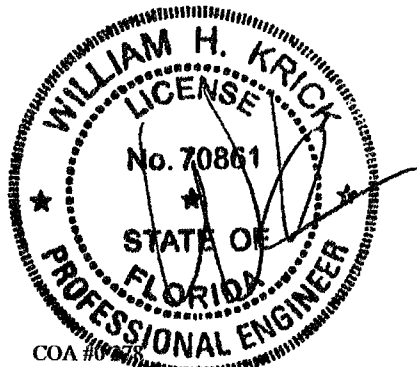
Wind loads and reactions based on MWFRS.

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 #0

Florida Certificate of Product Approval #FL 1999

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

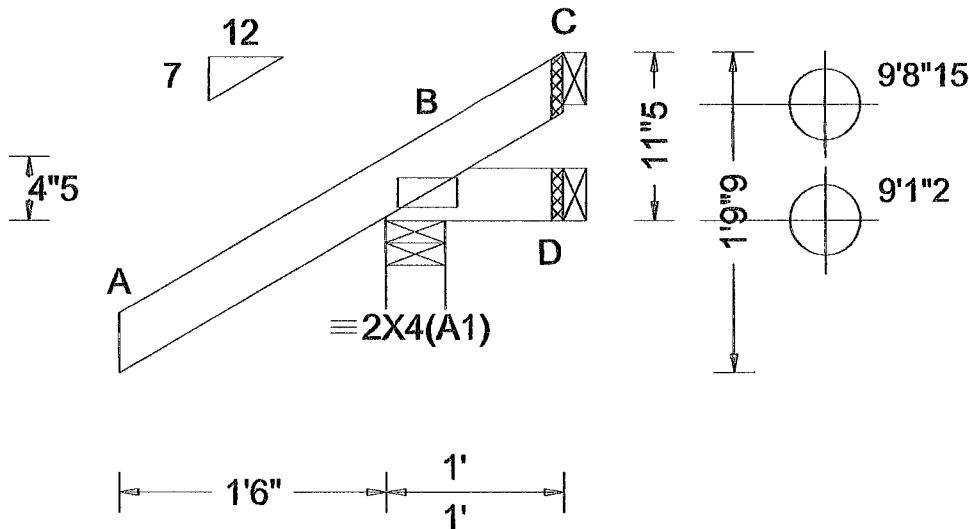
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCEA) for safety practices prior 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; SBCEA: sbceacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 802184 FROM: CDM	JACK Qty: 8	Ply: 1 Qty: 8	Job Number: 25-2306 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: 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 Non-Gravity Loc R+ /R- /Rh /Rw /U /RL 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;

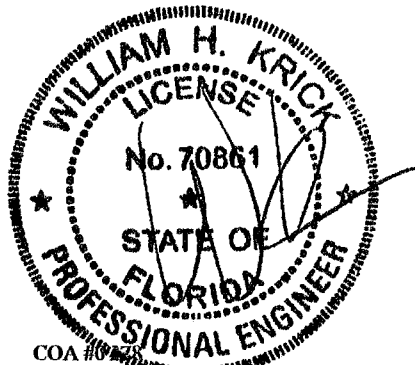
Wind

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.



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

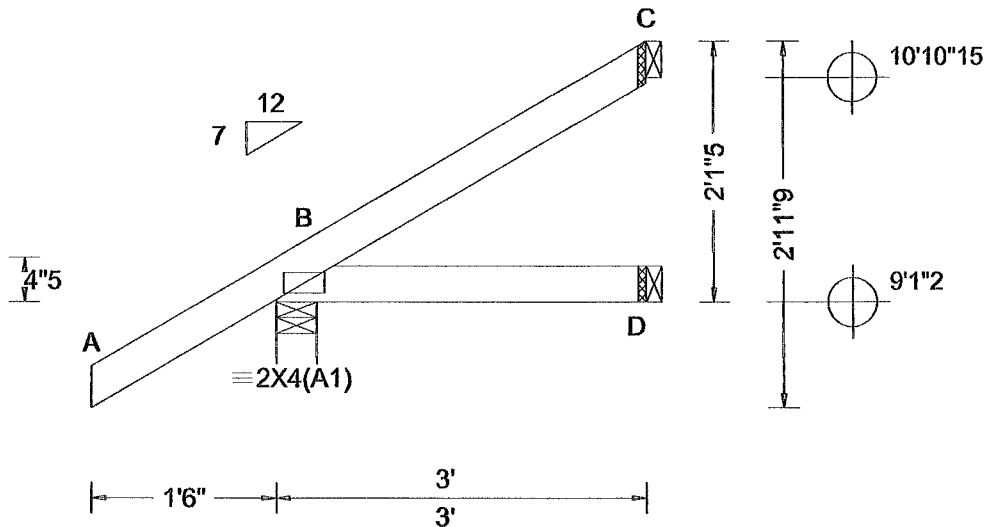
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802186 FROM: CDM	JACK Qty: 8	Ply 1 Qty: 8	Job Number: 25-2306 MOSS Truss Label: J02	Cust: R 215 JRef: 1Y7W2150003 T5 DrwNo: 062.25.0542.23027 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: 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: 0.065 Max Web CSI: 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 265 /- /- /192 /36 /86 D 50 /- /- /32 /- /- C 63 /- /- /38 /38 /- 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;

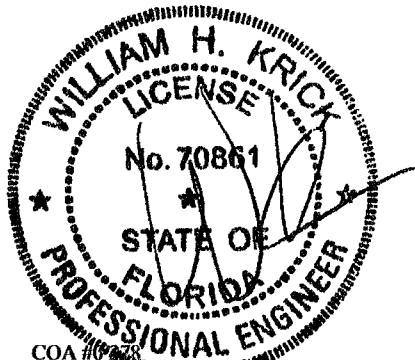
Wind

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 2-1-5.



COA #03/03/2025

Florida Certificate of Product Approval #FL 1999

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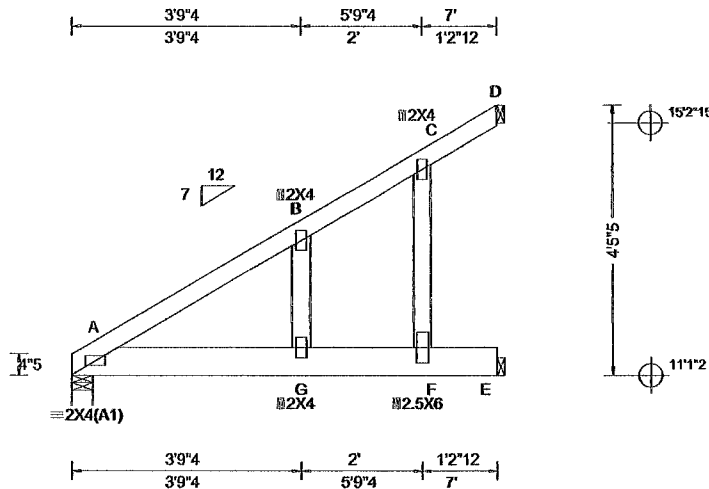
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org



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

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



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 1/2 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 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): 0.130 G 634 240 VERT(CL): 0.261 G 315 180 HORZ(LL): 0.076 B - - HORZ(TL): 0.153 B - - Creep Factor: 2.0 Max TC CSI 0.529 Max BC CSI 0.642 Max Web CSI 0.277 VIEW Ver 23.02.04.0123.14	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL A 1192 -/- /- /55 -/- E 1397 -/- /- /22 -/- D 327 -/- /- /11 -/- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

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

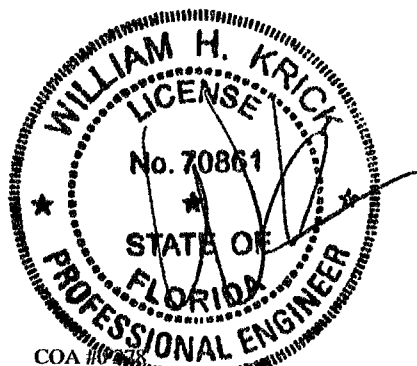
---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 3.77
TC: From 32 plf at 3.77 to 32 plf at 7.00
BC: From 20 plf at 0.00 to 20 plf at 3.77
BC: From 10 plf at 3.77 to 10 plf at 7.00
BC: 274 lb Conc. Load at 1.77
BC: 1109 lb Conc. Load at 3.77
BC: 1085 lb Conc. Load at 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".



COA #0945

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

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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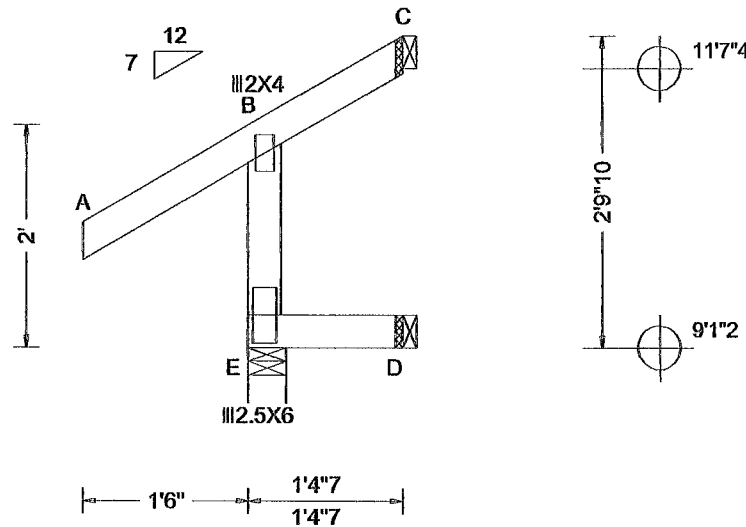
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802161 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2306 MOSS Truss Label: J06	Cust: R 215 JRef: 1Y7W2150003 T63 DrwNo: 082.25.0542.33153 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: 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): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.225 Max BC CSI: 0.018 Max Web CSI: 0.113 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 214 /- /- /191 /74 /- D 27 /- /- /14 /- /- C - /-12 /- /46 /50 /52 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.

Lumber

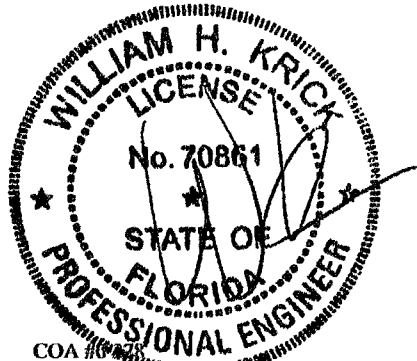
Top chord 2x4 SP #2;
Bot chord 2x4 SP #2;
Webs: 2x4 SP #3;

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 2'-9-10\"/>



COA #0328

Florida Certificate of Product Approval #FL 1999

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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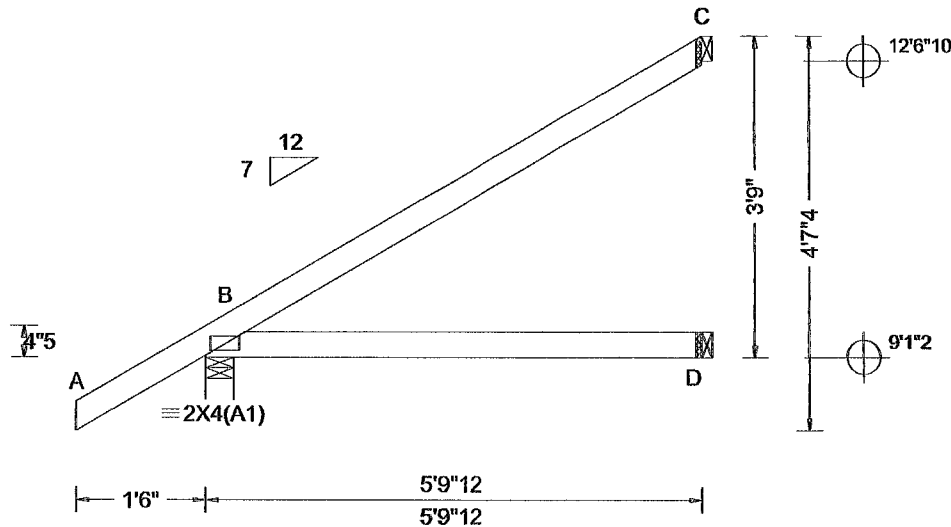
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN. 802167 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2308 MOSS Truss Label: J09	Cust: R 215 JRef: 1Y7W2150003 T40 DrwNo: 082.25.0542.40297 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): 0.007 B - - HORZ(TL): 0.014 B - - Creep Factor: 2.0 Max TC CSI 0.610 Max BC CSI 0.340 Max Web CSI 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 366 /- /- /251 /34 /144 D 106 /- /- /60 /- /- C 154 /- /- /100 /85 /- 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,

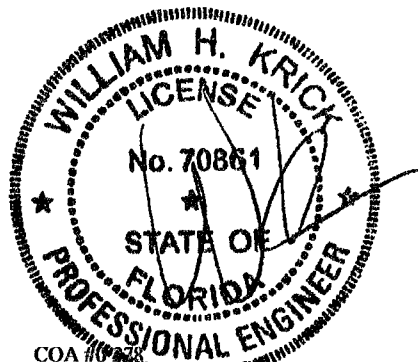
Wind

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 3-9-0.



COA #0238

Florida Certificate of Product Approval #FL 1999

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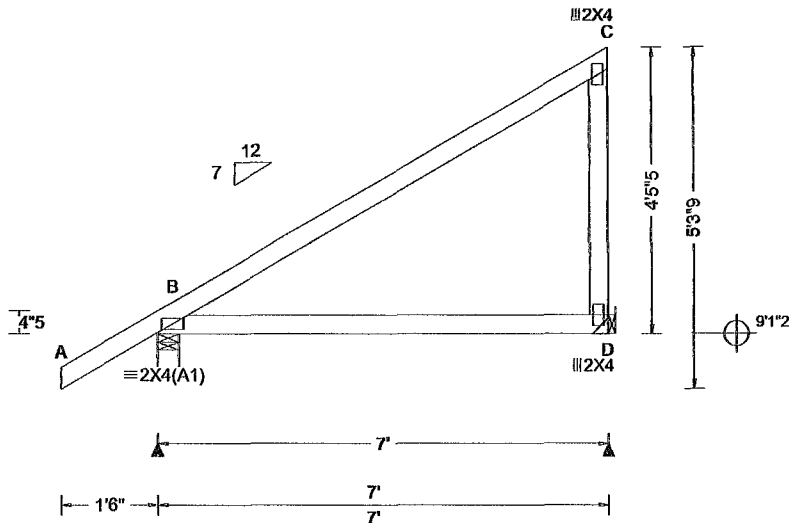
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pl 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 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: Any 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/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 B - - HORZ(TL): 0.027 B - - Creep Factor: 2.0 Max TC CSI: 0.839 Max BC CSI: 0.520 Max Web CSI: 0.137 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 412 /- /- /- /90 /- D 469 /- /- /- /73 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. C - D 95 -387

Lumber

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

Special Loads

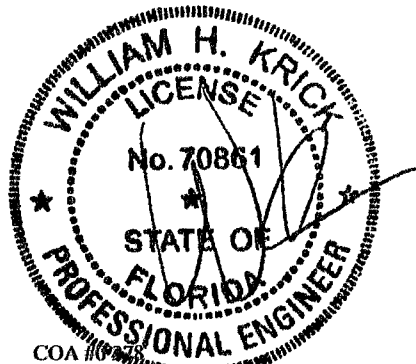
----- (Lumber Dur Fac.=1.25 / Plate Dur Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 7.00
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.00
TC: 108 lb Conc. Load at 7.00
BC: 89 lb Conc. Load at 7.00

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 #03/03/2025

Florida Certificate of Product Approval #FL 1999

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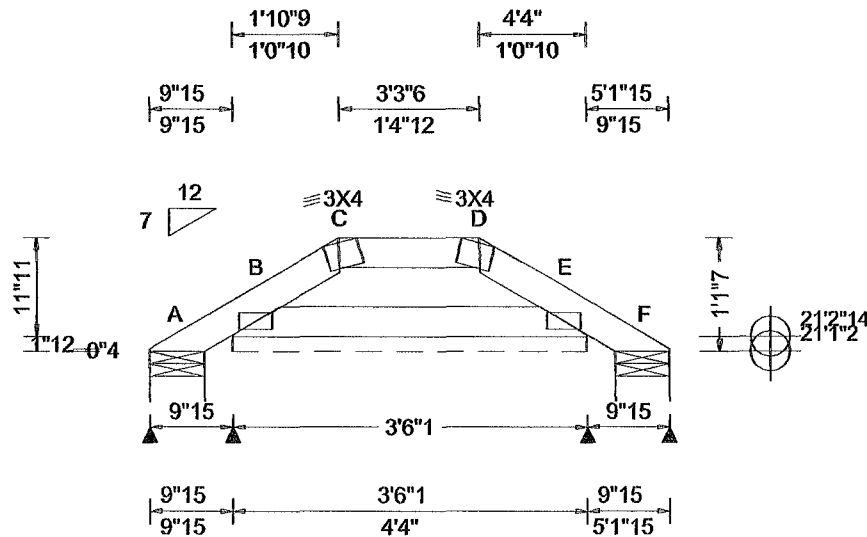
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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



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

SEQN: 802089 FROM: CDM	SPEC Qty: 1	Ply 1 Qty 1	Job Number: 25-2306 MOSS Truss Label: PB01	Cust: R 215 JRef: 1Y7W2150003 T62 DrawNo: 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	Δ 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 a: 3.00 ft Loc. from endwall: not in 13.00 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/# 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 / Rw / U / RL Non-Gravity 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

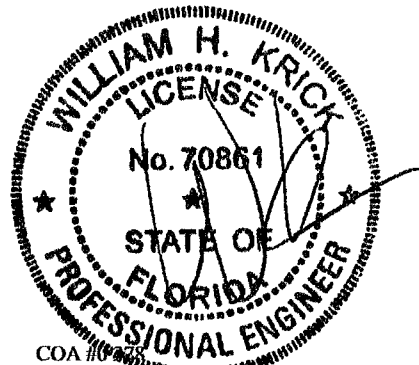
Wind loads based on MWFRS with additional C&C
member design.

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
1-1-7



COA #0-25

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

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**
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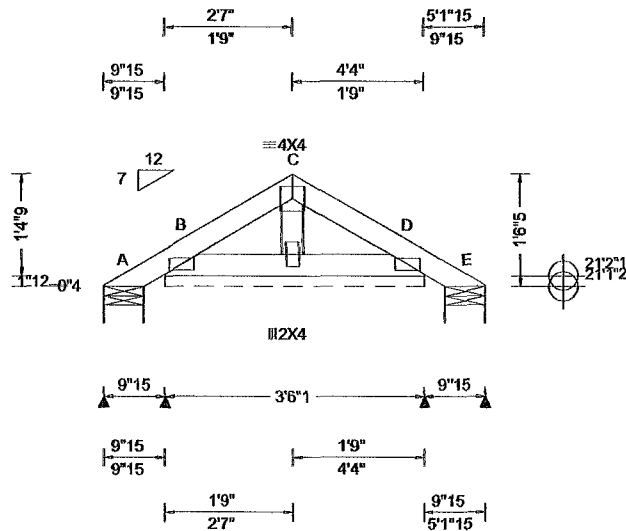
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802087 FROM: CDM	SPEC Qty: 1	Job Number: 25-2308 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
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: 16.60 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 13.00 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): 0.000 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

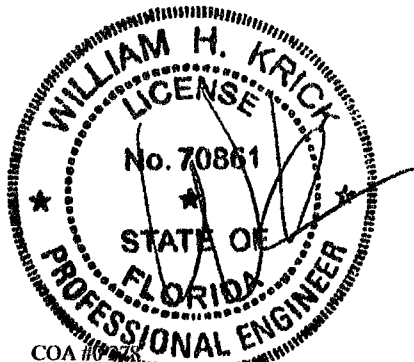
Wind loads and reactions based on MWFRS.

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

Florida Certificate of Product Approval #FL 1999

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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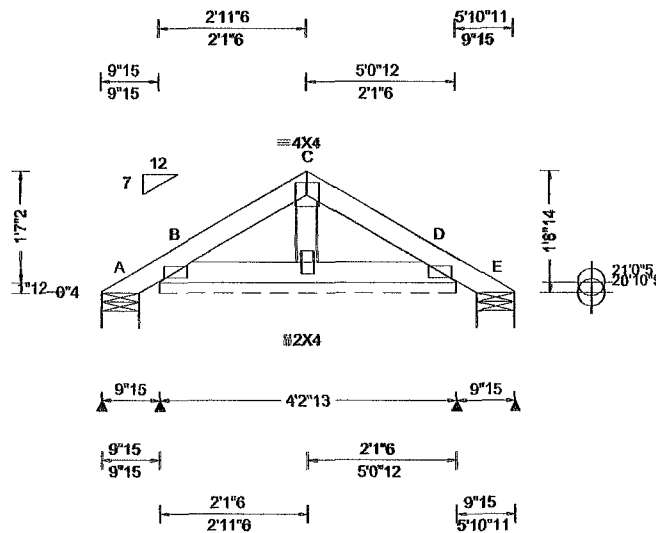
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802091 FROM: CDM	SPEC Qty: 2	Job Number: 25-2306 MOSS Truss Label: PB05	Cust: R 215 JRef: 1Y7W2160003 T56 DrwNo: 062.25.0542.53210 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 Kz: NA Mean Height: 16.42 ft TCDL 5.0 psf BCDL 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 13.00 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/# 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 0.040 Max BC CSI 0.033 Max Web CSI 0.012 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 10 /- /- /29 /20 /43 B* 101 /- /- /58 /1 /- E 10 /- /- /7 /- /- Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 50.8 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

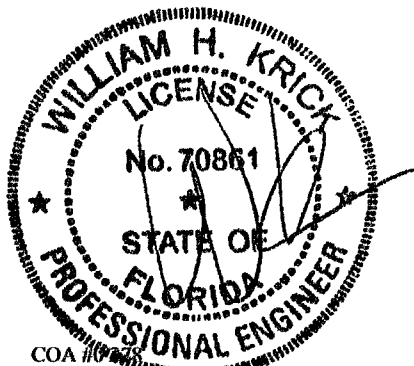
Wind loads based on MWFRS with additional C&C member design

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 1'-8 1/4".



COA #03/03/2025

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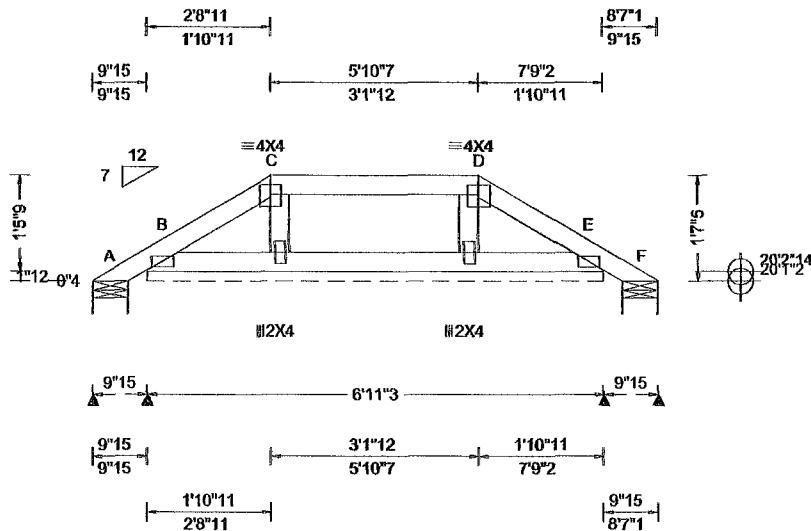
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 802097 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 25-2308 MOSS Truss Label: PB08	Cust: R 215 JRef: 1Y7W2150003 T61 DrwNo: 062.25.0542.58653 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), 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: 15.96 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 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 0.173 Max BC CSI 0.026 Max Web CSI 0.028 VIEW Ver: 23.02.04.0123 14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 11 /- /- /27 /17 /38 B* 75 /- /- /50 /12 /- F 11 /- /- /10 /1 /- Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 83.2 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;
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.

Purlins

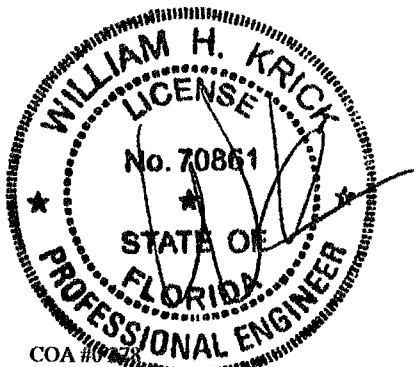
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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 1-7-5.



Florida Certificate of Product Approval #FL 1999

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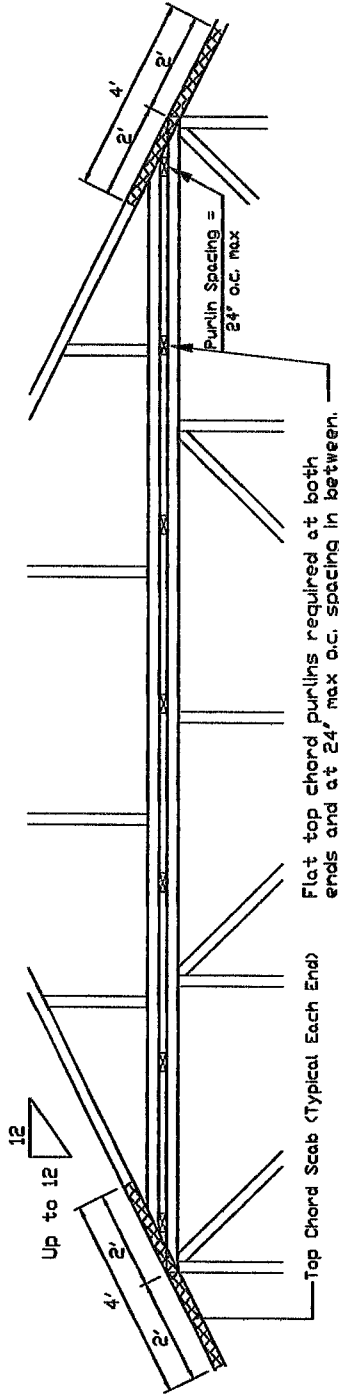
Piggyback Detail - ASCE 7-22: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

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, Dir 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



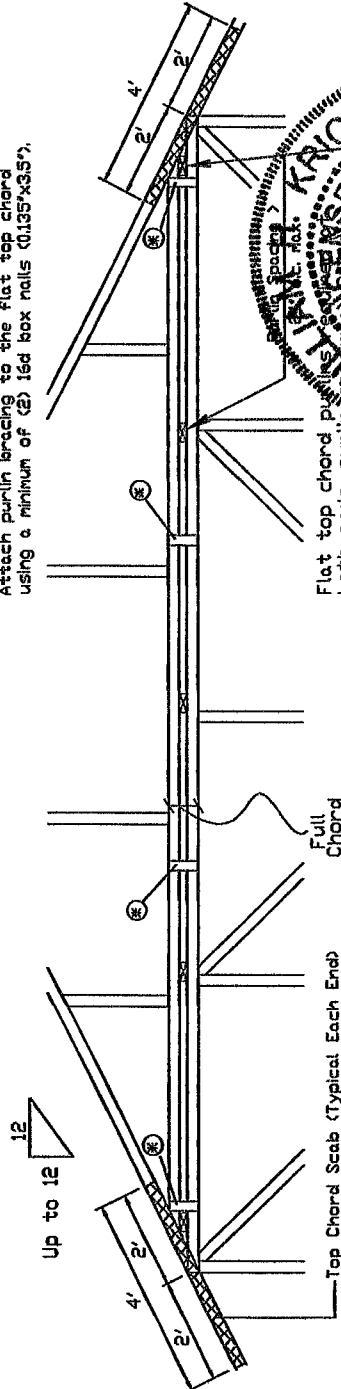
Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135" x 3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128" x 3") at 4' o.c.

Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135" x 3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3x8 Trulox plate attached with (3) 0.120" x 1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 2x8P wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120" x 1.375" 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 (0.135" x 3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128" x 3") at 4' o.c. Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0.135" x 3.5").



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.

* In addition, provide connection 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) 0.120" x 1.375" 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' x 8' x 7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (3) 5d common (0.113" x 2") nails per gusset, (4) in cap bottom chord and (4) 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 (0.128" x 3") 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.

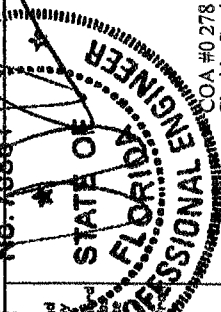
2x8P Wave Piggyback Plate

One 2x8P wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120" x 1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.



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

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COA #0 278
Florida Certificate of Approval #FL-1999

REF	PIGGYBACK
DATE	07/03/2023
DRWG	PB160220723
SPACING	24.0'

Valley Detail - ASCE 7-22: 180 mph, 30' Mean Height, Partially 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:
535# connector or with (1) Simpson H2.5A or
equivalent connector for

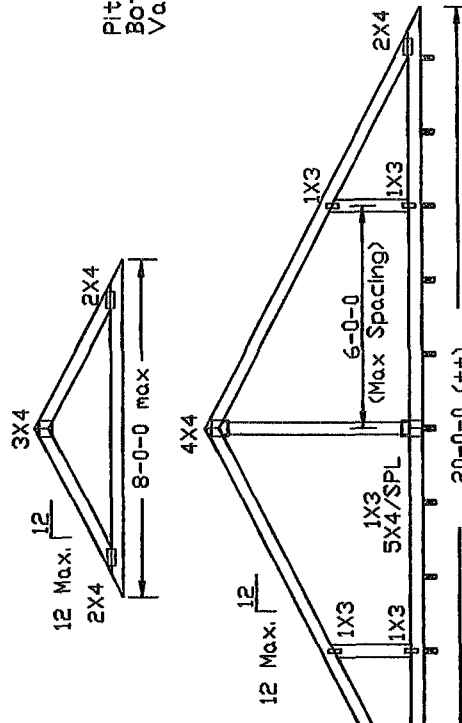
ASCE 7-22 180 mph, 30' Mean Height, Part. Enc.
Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00

Or
ASCE 7-22 160 mph, 30' Mean Height, Part. Enc.
Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord 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 30") 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.

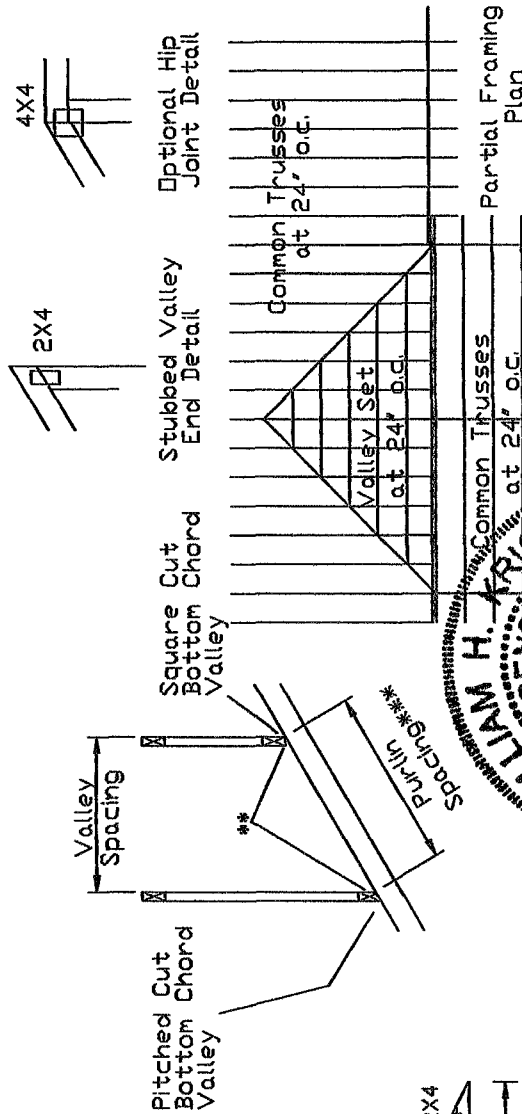
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss
installation.

Or
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.

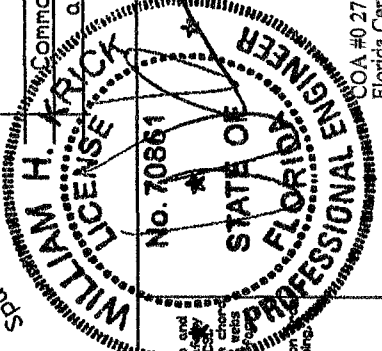
++ Larger spans may be built as long as the vertical height does
not exceed 14'-0".



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING INCLUDING THE INSTALLER'S. Trusses require extreme care in fabricating, handling, shipping, installing and erecting. The installer shall collect the latest published code requirements for these functions. The installer shall provide temporary bracing per code. Unless noted otherwise, top chord shall have properly attached structural sheathing and bracing per code. The installer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS sections 13.37 or 310, as applicable, apply plates to each web. Refer to drawings for details for standard plate fasteners.

Alpine, a division of ITW Building Components, Group, Inc. shall not be responsible for any deviation from the design shown. The truss is to be installed in accordance with ANSI TPI 1, or for handling, shipping, installation, bracing or 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, Section 1.3. For more information see this job's general notes page and these web sites: ALPINE: www.alpineinc.com TPI: www.tpi.org SDC: www.sdcstructural.com

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



VALLEY DETAIL	REF	40PSF	30	TC LL	30	15	7PSF	DATE	07/03/2023
				TC DL	20	10	10PSF	DRWG	VAL180220723
				BC DL	10	0	0PSF		
				BC LL	0	55	57PSF		
				TOT. LD.	60	1.15	1.15		
				DUR.	50	250	250		
				COA #0 278					
				Florida Certified					
				Structural Engineer					
				Product Approval					
				#FL					
				1999					

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.

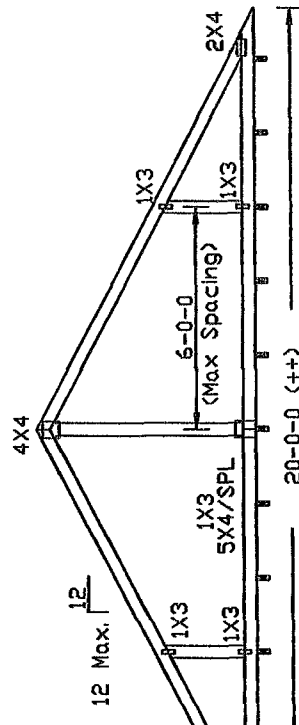
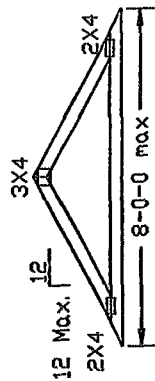
** Attach each valley to every supporting truss with:
 (2) 16d box (0.135' x 3.5") nails toe-nailed for
 ASCE 7-22, 30' Mean Height, Enclosed Building, Exp. C,
 Wind TC DL=5 psf, Kzt = 1.00, Max. Wind Speed based
 supporting truss material at connection location!
 140 mph for SP (G = 0.55, min.),
 125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

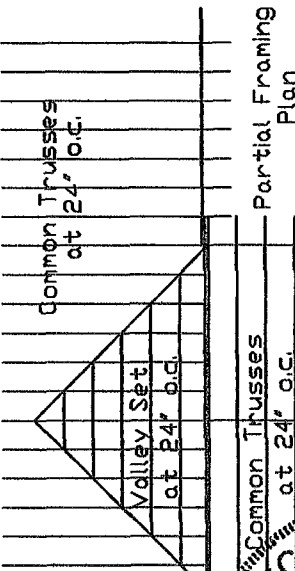
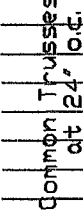
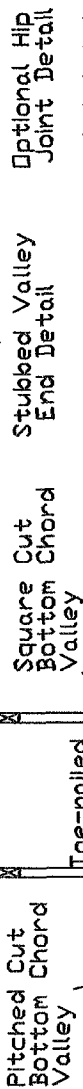
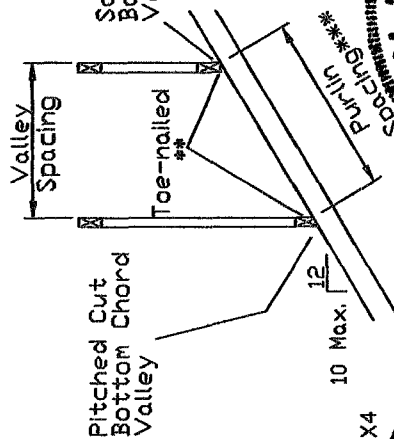
Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7'-9" apply 2x4 'T' reinforcement, 80% length of web, same species and grade or better, attached with 10d box nails at 6' o.c. In lieu of 'T' reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length 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.

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]

Alpha, a division of IIT Building Components Group Inc. shall not be responsible for any deviations from the design shown on this drawing or for handling, shipping or installation of the trusses. The trusses in conformance with ANSI/PTI 1, or for handling, shipping or installation of the trusses. The trusses in conformance with ANSI/PTI 1, or for handling, shipping or installation of the trusses. The trusses in conformance with ANSI/PTI 1, or for handling, shipping or installation of the trusses.

The logo for Alpine Air Flow Company features a stylized mountain peak graphic to the left of the word "ALPINE" in a large, bold, sans-serif font. Below "ALPINE", the words "AIR FLOW COMPANY" are written in a smaller, all-caps, sans-serif font.

155 Harlem Ave
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For more information see this job's general notes page and these web sites:
ALPINE: www.alpinetec.com TPI: www.tpinst.org SBCE: www.sbcecomponents.com ICC: www.iccsafe.org

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 78864
COA #0 278

TC LL	30	30	40PSF	REF VALLEY DETAIL
TC DL	20	15	7 PSF	DATE 07/03/2023
BC DL	10	10	10 PSF	DRWG VALTN220723
BC LL	0	0	0 PSF	
TOT. LD.	60	55	57PSF	
DUE DATE	12/31/2025	1/31/15	1/15	

ISSUED BY: PROJECT APPROX 8/1/1999
SPACING 24.0'