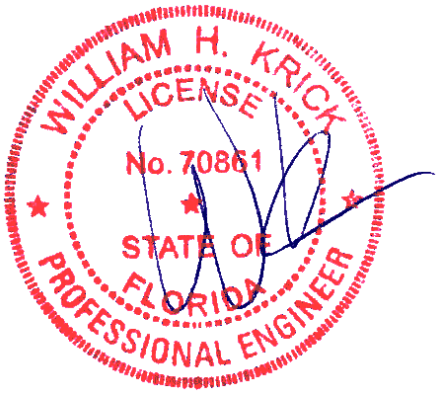
Alpine, an ITW Company
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025
Phone: (800)755-6001
www.alpineitw.com



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COA #0 278

Florida Certificate of Product Approval #FL 1999

01/06/2026

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	*Job Number:* 25-3038
Job Description: FOREST COUNTRY MODEL HOME	
Address:	

Job Engineering Criteria:	
Design Code: FBC 8th Ed. 2023 Res.	*IntelliVIEW Version:* 24.02.00D through 25.02.00A *JRef #:* 1YGK2150001
Wind Standard: ASCE 7-22 *Wind Speed (mph):* 130 *Building Type:* Enclosed	*Design Loading (psf):* 40

This package contains general notes pages, 91 truss drawing(s) and 6 detail(s).

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	006.26.1050.19590	A1	2	006.26.0934.33381	A2
3	006.26.1050.17413	A2A	4	006.26.0934.35817	B1
5	006.26.0934.35383	B2	6	006.26.1050.15670	B3
7	006.26.0934.35603	C1	8	006.26.0934.33793	C2
9	006.26.0934.34813	C3	10	006.26.0934.33744	C4
11	006.26.1050.10720	D1	12	006.26.1050.09003	D2
13	006.26.1050.07380	D3	14	006.26.1050.05780	D3A
15	006.26.1050.04527	D4	16	006.26.1050.02760	D5
17	006.26.0934.34402	EJ5	18	006.26.0934.35881	EJ6
19	006.26.0934.35223	EJ7	20	006.26.1053.33830	FG1
21	006.26.1053.26257	FG2	22	006.26.1049.55510	FT1
23	006.26.0934.34544	FT2	24	006.26.0934.33729	G1
25	006.26.0934.33943	G1E	26	006.26.0934.33648	G2
27	006.26.1049.53503	G3	28	006.26.0934.34873	G4
29	006.26.0934.34801	G5	30	006.26.0934.35658	H1
31	006.26.0934.33508	H1A	32	006.26.0934.34112	H1B
33	006.26.0934.33899	H2	34	006.26.0934.33329	HH1
35	006.26.0934.35705	HJ1	36	006.26.0934.34272	HJ2
37	006.26.0934.35276	HM1	38	006.26.0934.34441	HM2
39	006.26.0934.35403	HM3	40	006.26.0934.35572	HM4
41	006.26.0934.34175	HM5	42	006.26.0934.34371	J1
43	006.26.0934.33623	J2	44	006.26.0934.34346	J3
45	006.26.0934.35838	J04	46	006.26.0934.35229	J4
47	006.26.0934.35547	J05	48	006.26.0934.35302	J06
49	006.26.0934.33818	K1	50	006.26.0934.35132	K2

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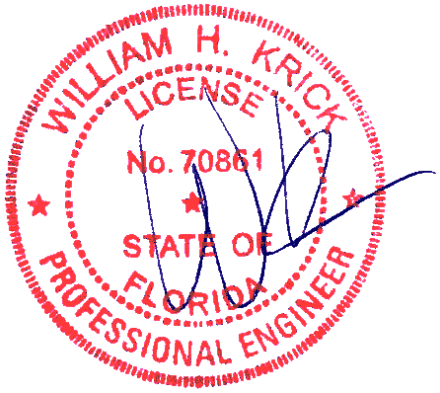

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COA #0 278

Florida Certificate of Product Approval #FL 1999

01/06/2026

Site Information:	**Page 2:**
Customer: W. B. Howland Company, Inc.	*Job Number:* 25-3038
Job Description: FOREST COUNTRY MODEL HOME	
Address:	

Item	Drawing Number	Truss
51	006.26.1049.50940	K3
53	006.26.0934.34252	P1
55	006.26.0934.34462	P2
57	006.26.0934.33488	P4
59	006.26.0934.35484	P6
61	006.26.0934.34703	P8
63	006.26.0934.34072	P10
65	006.26.0934.35142	T1
67	006.26.1049.48333	T2
69	006.26.1052.55713	T4
71	006.26.0934.34643	T6
73	006.26.0934.33296	TT1
75	006.26.0934.34845	V1
77	006.26.0934.34052	V3
79	006.26.0934.35322	V5
81	006.26.0934.35355	V7
83	006.26.0934.34669	V9
85	006.26.0934.35068	V11
87	006.26.0934.34973	V23
89	006.26.0934.34925	V25
91	006.26.0934.34961	V34
93	CNNAILSP1014	
95	VAL180220723	
97	160TL	

Item	Drawing Number	Truss
52	006.26.0934.33540	M1
54	006.26.0934.33593	P1A
56	006.26.0934.34606	P3
58	006.26.0934.33979	P5
60	006.26.0934.33412	P7
62	006.26.0934.33442	P9
64	006.26.0934.33860	P10E
66	006.26.0934.34570	T1E
68	006.26.0934.34032	T3
70	006.26.0934.34212	T5
72	006.26.0934.34905	T6E
74	006.26.1051.42533	TT1E
76	006.26.0934.34717	V2
78	006.26.0934.35515	V4
80	006.26.0934.35100	V6
82	006.26.0934.33680	V8
84	006.26.0934.34526	V10
86	006.26.0934.35762	V22
88	006.26.0934.34320	V24
90	006.26.0934.33882	V33
92	BRCLBSUB0119	
94	PB160220723	
96	VALTN220723	

General Notes

Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:
The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

The suitability and use of these drawings for any particular structure is the responsibility of the Building Designer in accordance with ANSI/TPI 1 Chapter 2. The Building Designer is responsible for determining that the dimensions and loads for each truss component match those required by the plans and by the actual use of the individual component, and for ascertaining that the loads shown on the drawings meet or exceed applicable building code requirements and any additional factors required in the particular application. Truss components using metal connector plates with integral teeth shall not be placed in environments that will cause the moisture content of the wood in which plates are embedded to exceed 19% and/or cause corrosion of connector plates and other metal fasteners.

The Truss Design Engineer shall not be responsible for items beyond the specific scope of the agreed contracted work set forth herein, including but not limited to: verifying the dimensions of the truss component, calculation of any of the truss component design loads, inspection of the truss components before or after installation, the design of temporary or permanent bracing and their attachment required in the roof and/or floor systems, the design of diaphragms or shear walls, the design of load transfer connections to and from diaphragms and shear walls, the design of load transfer to the foundation, the design of connections for truss components to their bearing supports, the design of the bearing supports, installation of the truss components, observation of the truss component installation process, review of truss assembly procedures, sequencing of the truss component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

This document may be a high-quality facsimile of the original engineering document which is a digitally signed electronic file with third party authentication. A wet or embossed seal copy of this engineering document is available upon request.

Temporary Lateral Restraint and Bracing:
Temporary lateral restraint and diagonal bracing shall be installed according to the provisions of BCSI chapters B1, B2, B7 and/or B10 (Building Component Safety Information, by TPI and SBCA), or as specified by the Building Designer or other Registered Design Professional. The required locations for lateral restraint and/or bracing depicted on these drawings are only for the permanent lateral support of the truss members to reduce buckling lengths, and do not apply to and may not be relied upon for the temporary stability of the truss components during their installation.

Permanent Lateral Restraint and Bracing:
The required locations for lateral restraint or bracing depicted on these drawings are for the permanent lateral support of the truss members to reduce buckling lengths. Permanent lateral support shall be installed according to the provisions of BCSI chapters B3, B7 and/or B10, or as specified by the Building Designer or other Registered Design Professional. These drawings do not depict or specify installation/erection bracing, wind bracing, portal bracing or similar building stability bracing which are parts of the overall building design to be specified, designed, and detailed by the Building Designer.

Connector Plate Information:
Alpine connector plates are made of ASTM A653 or ASTM A1063 galvanized steel with the following designations, gauges and grades: W=Wave, 20ga, grade 40; H=High Strength, 20ga, grade 60; S=Super Strength, 18ga, grade 60. Information on model code compliance is contained in the ICC Evaluation Service report ESR-1118, available on-line at www.icc-es.org.

Bearing Information:
The bearing area factor, Cb, is considered for the allowable capacity of solid sawn wood bearings supporting trusses that are located a minimum of 3" from the end of the lumber piece.

General Notes (continued)

Coated Lumber:
Coated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Coated lumber has no adjustments to lumber properties. Coated lumber may be more brittle than uncoated lumber. Special handling care must be taken to prevent breakage during all handling activities. Refer to manufacturer literature, specifications, and code evaluation reports for restrictions, details, and requirements.

Fire Retardant Treated Lumber:
Fire retardant treated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Fire retardant treated lumber may be more brittle than untreated lumber. Special handling care must be taken to prevent breakage during all handling activities.

Key to Terms:
Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written request.

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.
BCLL = Bottom Chord standard design Live Load in pounds per square foot.
C = Coated lumber.
C-AT = AtTEK coated lumber.
C-FX = FX Lumber Guard coated lumber.
C -TE = TechWood 4400 coated lumber.
CL = Certified lumber.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
FRT = Fire Retardant Treated lumber.
FRT-BF = Boraflame Fire Retardant Treated lumber
FRT-DB = D-Blaze Fire Retardant Treated lumber.
FRT-DC = Dricon Fire Retardant Treated lumber.
FRT-FP = FirePRO Fire Retardant Treated lumber.
FRT-FL = FlamePRO Fire Retardant Treated lumber.
FRT-FT = FlameTech Fire Retardant Treated lumber.
FRT-ON = OnWood Fire Retardant Treated lumber.
FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.
FRT-PR = ProWood Fire Retardant Treated lumber.
g = green lumber.
HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.
HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.
HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.
Ic = Incised lumber.
FJ = Finger Jointed lumber.
L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.
L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.
Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.
Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for all load cases.
Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for all load cases.
Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for all load cases.
NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.
PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.
PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds
PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.
PP = Panel Point.
R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).
Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

General Notes (continued)

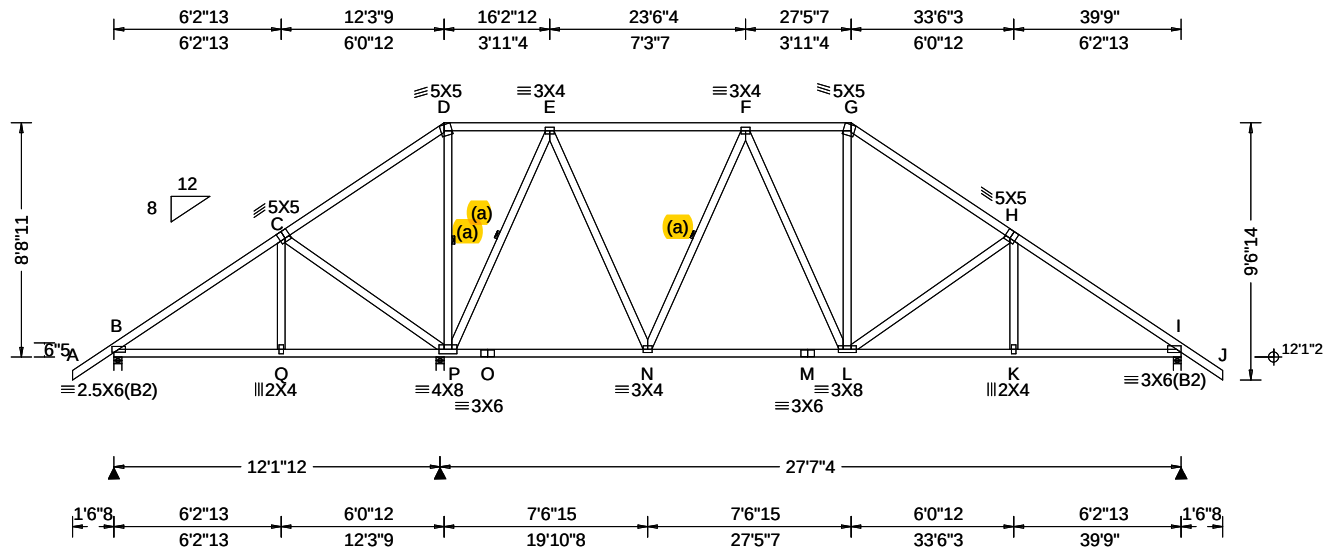
Key to Terms (continued):
Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).
TCDL = Top Chord standard design Dead Load in pounds per square foot.
TCLL = Top Chord standard design Live Load in pounds per square foot.
U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).
VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.
VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.
VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.
VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.
W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.
Uppercase Acronyms not explained above are as defined in TPI 1.

References:

1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 155 Harlem Ave, North Building, 4th Floor, Glenview, IL 60025; www.alpineitw.com.
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www. sbcacomponents.com

SEQN: 719010 COMN FROM: RFG	Ply: 1 Qty: 4	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** A1	Cust: R 215 JRef:1YGK2150001 T8 DrwNo: 006.26.1050.19590 SSB / WHK 01/06/2026	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.73 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.97 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.074	L	999	360
VERT(CL): 0.139	L	999	240
HORZ(LL): 0.035	I	-	-
HORZ(TL): 0.067	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.574
Max BC CSI: 0.918
Max Web CSI: 0.587

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	652	/-	/-	/301	/43	/250
P	1870	/-	/-	/974	/1	/-
I	1359	/-	/-	/724	/43	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
P Brg Wid = 3.5 Min Req = 1.8 (Truss)
I Brg Wid = 3.5 Min Req = 1.6 (Truss)
Bearings B, P, & 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.
B - C	74	- 607	G - H	134	- 1407
E - F	196	- 909	H - I	92	- 1812
F - G	208	- 1084			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	422	- 129	N - M	1078	0
Q - P	842	- 259	M - L	1078	0
P - O	575	0	L - K	1406	0
O - N	575	0	K - I	1407	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	103	- 421	N - F	56	- 429
P - E	49	- 1293	L - G	436	- 6
E - N	841	0	L - H	103	- 407

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

Bracing
(a) Continuous lateral restraint equally spaced on member.

Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

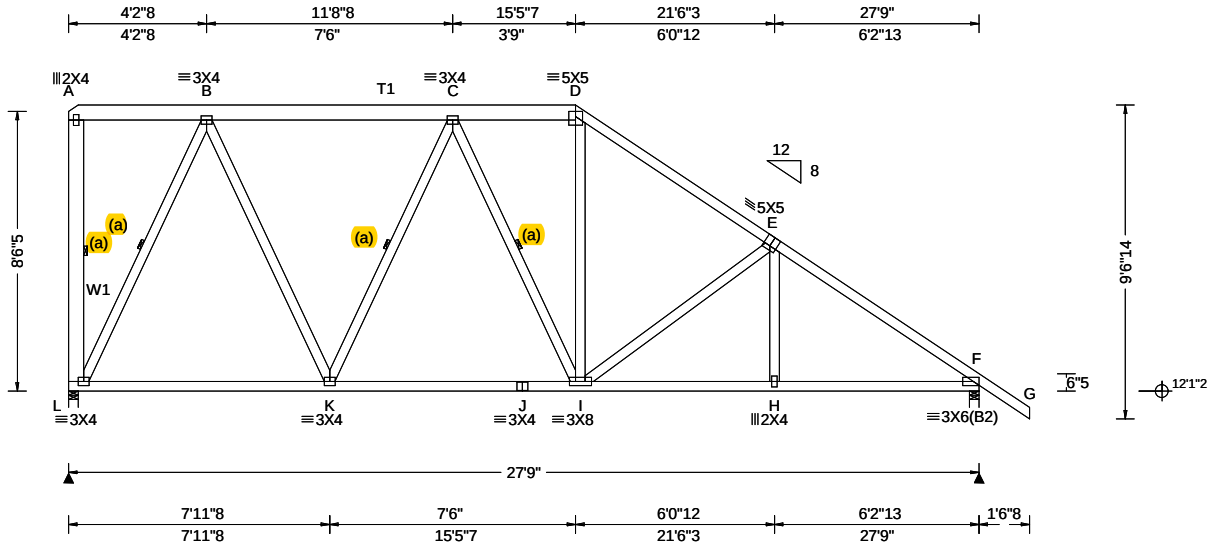
Additional Notes
The overall height of this truss excluding overhang is 8-8-11.

COA #0278
01/06/2026
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 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: 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: 719012 / COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** A2	Cust: R 215 JRef:1YGK2150001 T97 DrwNo: 006.26.0934.33381 SSB / WHK 01/06/2026



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.55 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.061	I	999	360
VERT(CL): 0.114	I	999	240
HORZ(LL): 0.034	F	-	-
HORZ(TL): 0.064	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.578
Max BC CSI: 0.932
Max Web CSI: 0.594

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1365	/-	/-	/654	/-	/240
F	1367	/-	/-	/714	/-	/-

Wind reactions based on MWFRS
L Brg Wid = 3.5 Min Req = 1.6 (Truss)
F Brg Wid = 3.5 Min Req = 1.6 (Truss)
Bearings L & 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	87	- 938	D - E	54	- 1439
C - D	133	- 1104	E - F	14	- 1823

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	601	0	I - H	1415	0
K - J	1104	0	H - F	1416	0
J - I	1104	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - B	63	- 1335	D - I	444	0
B - K	823	0	I - E	103	- 381
K - C	90	- 405			

Lumber

Top chord: 2x4 SP #2; T1 2x6 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W1 2x6 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

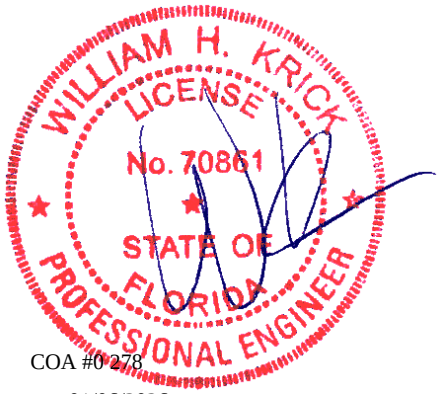
Wind loads based on MWFRS with additional C&C member design.

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 8-8-11.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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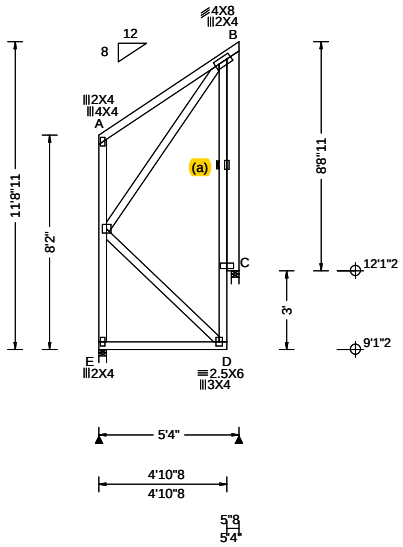
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718923 SPEC FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** A2A	Cust: R 215 JRef:1YGK2150001 T48 DrwNo: 006.26.1050.17413 SSB / WHK 01/06/2026	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 19.04 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	D	999	360
VERT(CL): 0.006	D	999	240
HORZ(LL): 0.005	B	-	-
HORZ(TL): 0.012	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.311
Max BC CSI: 0.260
Max Web CSI: 0.362

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	216	/-	/-	/155	/-	/85
C	223	/-	/-	/212	/170	/-

Wind reactions based on MWFRS
E Brg Wid = 3.5 Min Req = 1.5 (Truss)
C Brg Wid = 3.5 Min Req = 1.5 (Support)
Bearings E & C are a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	750	-583

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Bearing Leg: 2x6 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

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 11-8-11.

COA #0 278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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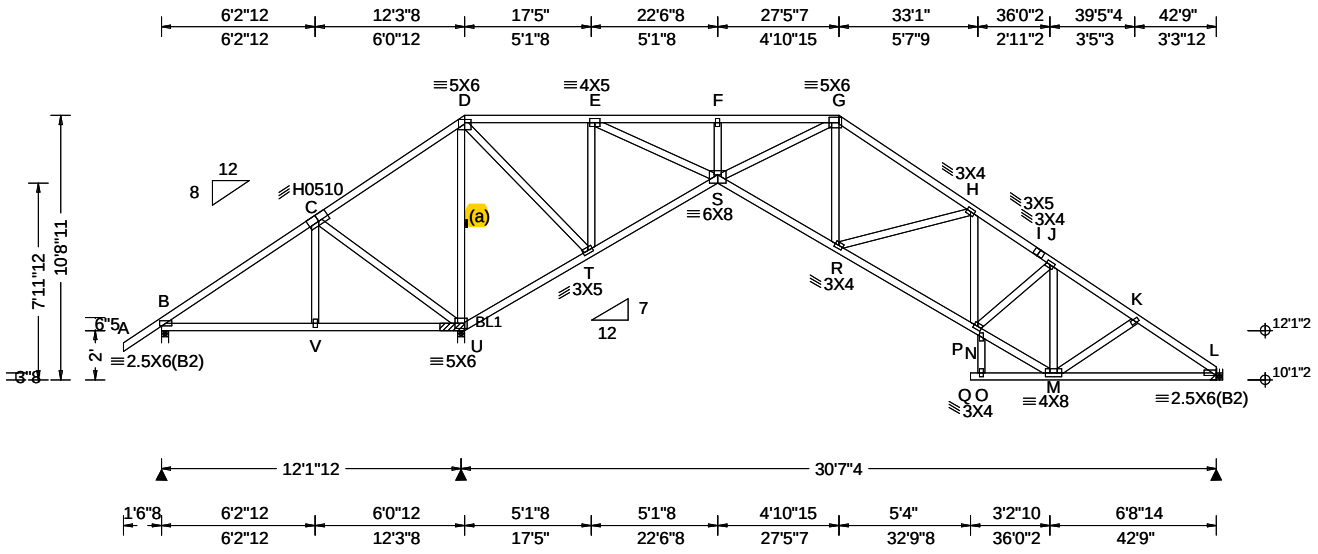
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719002 / COMN FROM: RFG	Ply: 1 Qty: 4	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** B1	Cust: R 215 JRef:1YGK2150001 T31 DrwNo: 006.26.0934.35817 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.25 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.28 ft
Loc. from endwall: not in 6.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.106	R	999	360
VERT(CL): 0.191	R	999	240
HORZ(LL): 0.073	L	-	-
HORZ(TL): 0.140	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.848
Max BC CSI: 0.482
Max Web CSI: 0.717

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	159	/-518	/-	/142	/59	/226
U	3026	/-	/-	/954	/-	/-
L	975	/-	/-	/88	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
U Brg Wid = 3.5 Min Req = -
L Brg Wid = - Min Req = -
Bearings B & U 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	1190	-17	G - H	46	-1246
C - D	1568	0	H - I	72	-1414
D - E	541	0	I - J	54	-1433
E - F	0	-946	J - K	43	-1251
F - G	0	-947	K - L	41	-1412

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	75	-938	R - P	1375	-57
V - U	74	-941	P - N	1192	-38
U - T	0	-1462	N - M	1173	-39
T - S	84	-609	M - L	1108	-33
S - R	1137	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - U	102	-583	T - E	0	-1071
D - U	0	-1854	E - S	1571	0
D - T	1036	0	J - M	19	-445

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.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

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

Wind loading based on both gable and hip roof types.

Bearing Block(s)

Brg blocks:0.128"x3", min. nails

brg	x-loc	#blocks	length/blk	#nails/blk	wall plate
2	12.000'	1	12"	4	Rigid Surface

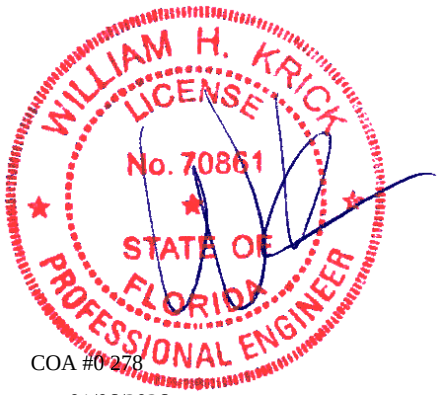
Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

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)

Additional Notes

Negative reaction(s) of -518# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

The overall height of this truss excluding overhang is 8-8-11.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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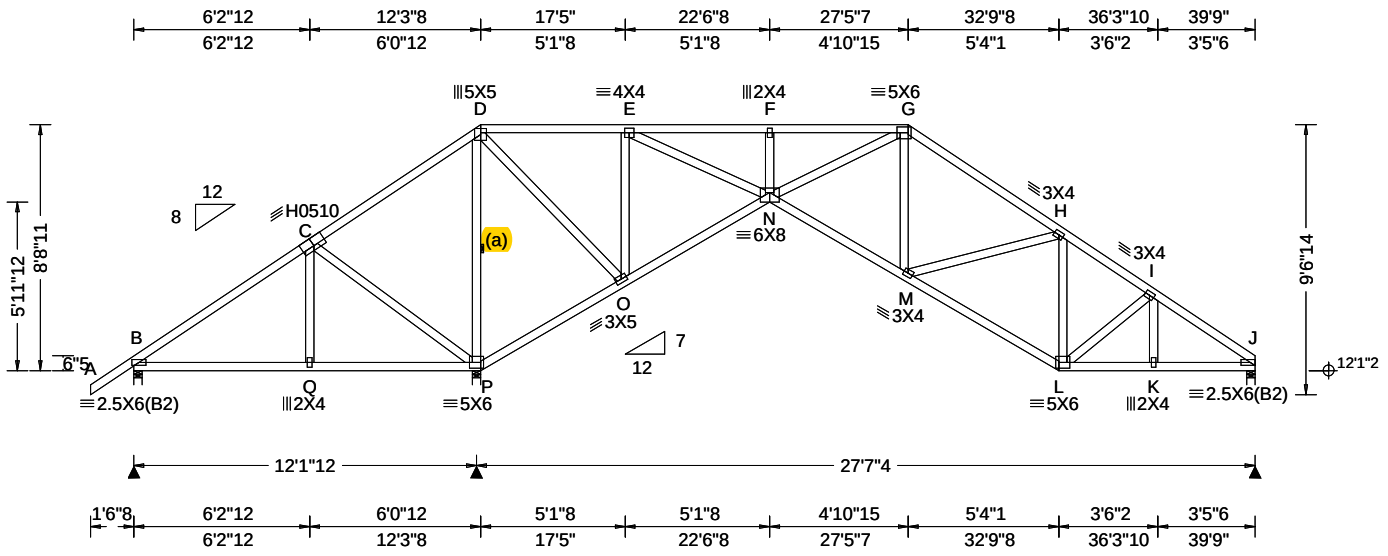
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719008 / COMN FROM: RFG	Ply: 1 Qty: 7	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** B2	Cust: R 215 JRef:1YGK2150001 T78 DrwNo: 006.26.0934.35383 SSB / WHK 01/06/2026



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.73 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.97 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.075	F	999	360
VERT(CL): 0.155	F	999	240
HORZ(LL): 0.055	J	-	-
HORZ(TL): 0.112	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.784
Max BC CSI: 0.441
Max Web CSI: 0.652

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	229	/-382	/-	/200	/30	/228
P	2737	/-	/-	/255	/142	/-
J	867	/-5	/-	/-	/4	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
P Brg Wid = 3.5 Min Req = 3.2 (Truss)
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings B, P, & J 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	960	- 191	F - G	34	- 978
C - D	1332	- 68	G - H	168	- 1093
D - E	381	0	H - I	221	- 1058
E - F	34	- 978	I - J	220	- 1227

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	201	- 750	N - M	986	- 13
Q - P	201	- 752	M - L	1011	- 95
P - O	112	- 1235	L - K	952	- 134
O - N	138	- 428	K - J	952	- 134

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	167	- 571	O - E	7	- 1008
D - P	59	- 1685	E - N	1429	- 15
D - O	981	- 6			

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

Bracing
(a) Continuous lateral restraint equally spaced on member.

Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

Additional Notes
Negative reaction(s) of -382# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.
The overall height of this truss excluding overhang is 8-8-11.

COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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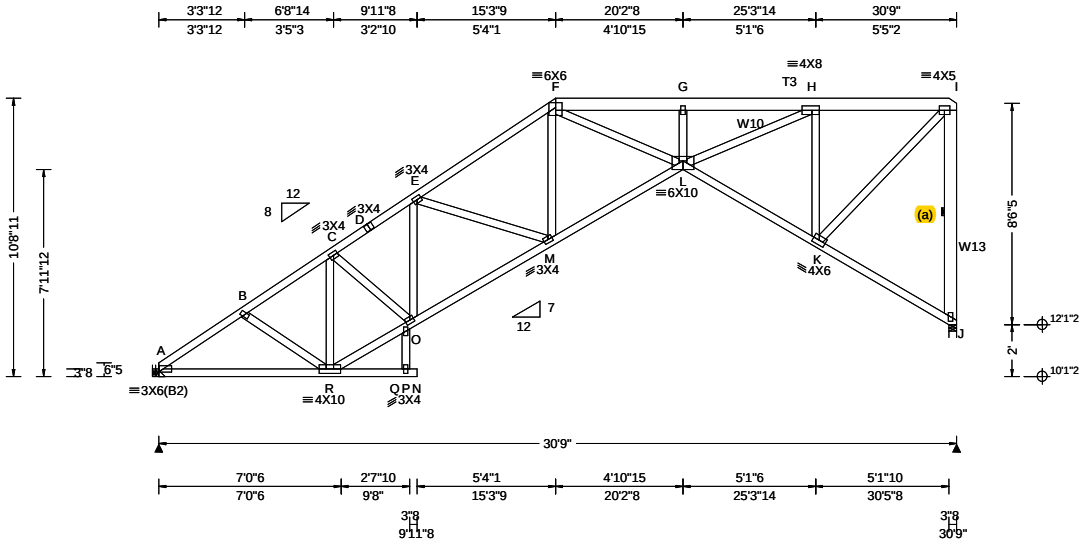
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719004 COMN FROM: RFG Page 1 of 2	Ply: 1 Qty: 4	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** B3	Cust: R 215 JRef:1YGK2150001 T96 DrwNo: 006.26.1050.15670 SSB / WHK 01/06/2026



Loading Criteria (psf)	
TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00
Load Duration:	1.25
Spacing:	24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.38 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.08 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.175	G	999	360
VERT(CL): 0.377	G	976	240
HORZ(LL): 0.188	J	-	-
HORZ(TL): 0.405	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.627
Max BC CSI: 0.771
Max Web CSI: 0.941

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1318	/-	/-	/800	/-	/246
J	1332	/-	/-	/760	/-	/-

Wind reactions based on MWFRS
A Brg Wid = - Min Req = -
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearing J is 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	0	- 1972	E - F	55	- 2466
B - C	0	- 1824	F - G	59	- 3863
C - D	8	- 2263	G - H	62	- 3862
D - E	20	- 2212	H - I	45	- 1135

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - R	1559	- 192	O - M	2181	- 171
R - Q	1737	- 138	M - L	2316	- 109
Q - O	1759	- 134	L - K	1417	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
R - C	88	- 779	L - H	2940	- 19
C - O	475	- 18	H - K	18	- 1691
O - E	60	- 408	K - I	1609	0
F - L	2090	0	J - I	0	- 1264

Lumber
Top chord: 2x4 SP #2; T3 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W10 2x4 SP #2; W13 2x6 SP #2;

Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 2X4 except as noted.

Wind
Wind loads based on MWFRS with additional C&C member design.
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 10-8-11.

COA #0278
01/06/2026
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

Hangers / Ties

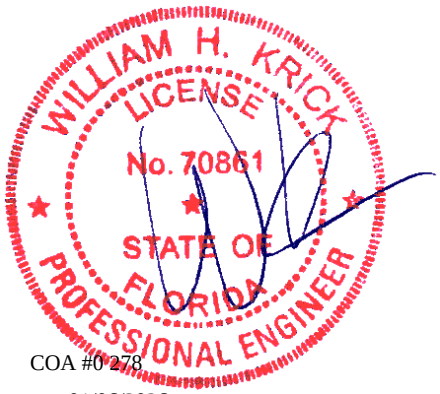
Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

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

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

Bearing at location x=0' uses the following support conditions: 0'
Bearing A (0', 10'1"2) HUS26
Supporting Member: (2)2x8 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

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 #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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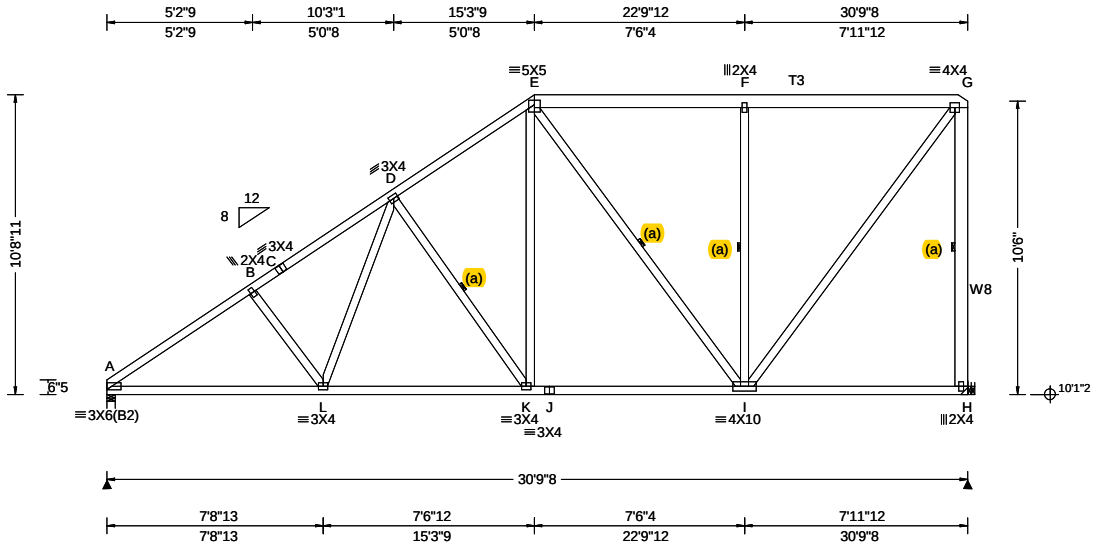
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718979 / HIPS FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** C1	Cust: R 215 JRef:1YGK2150001 T45 DrwNo: 006.26.0934.35603 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.38 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.08 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.065	D	999	360
VERT(CL): 0.137	D	999	240
HORZ(LL): 0.024	I	-	-
HORZ(TL): 0.051	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.462
Max BC CSI: 0.676
Max Web CSI: 0.492

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1297	/-	/-	/771	/-	/245
H	1289	/-	/-	/694	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 1.5 (Truss)
H Brg Wid = - Min Req = -
Bearing A is 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	0	-1926	D - E	0	-1278
B - C	0	-1738	E - F	0	-789
C - D	0	-1700	F - G	0	-788

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - L	1515	-130	K - J	975	-5
L - K	1264	-68	J - I	975	-5

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - D	386	-15	F - I	0	-585
D - K	114	-481	I - G	1291	0
K - E	565	-23	G - H	0	-1204

Lumber

Top chord: 2x4 SP #2; T3 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W8 2x6 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

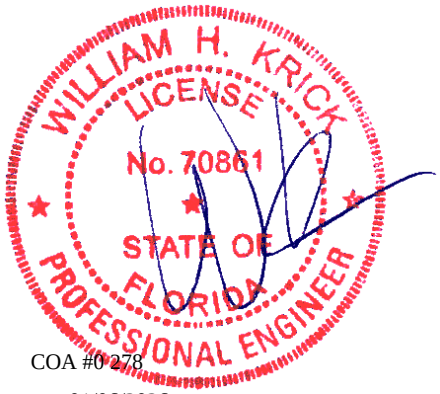
Wind loads based on MWFRS with additional C&C member design.

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 10-8-11.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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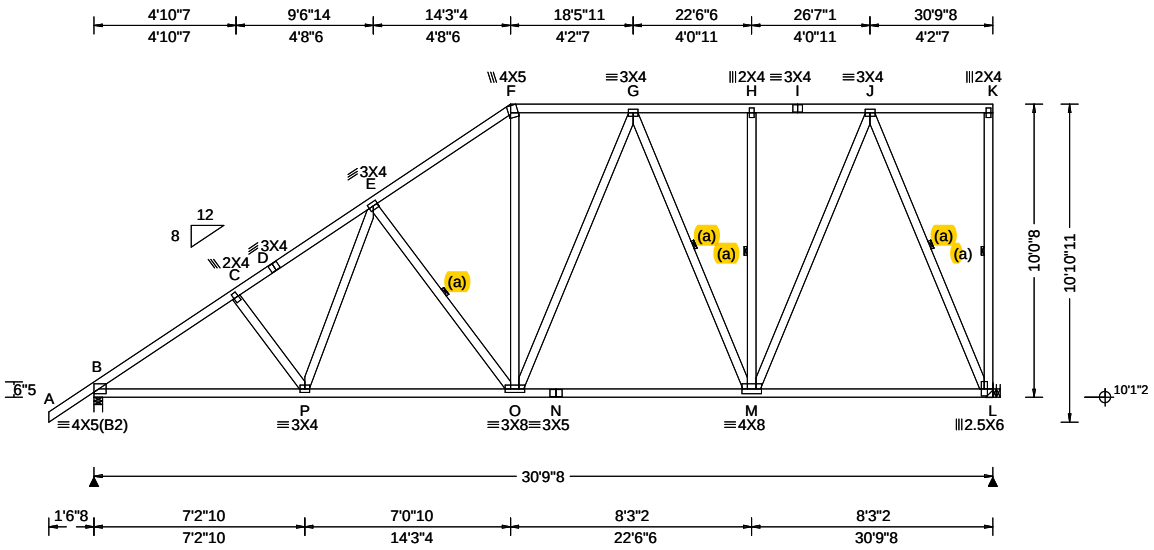
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718972 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** C2	Cust: R 215 JRef:1YGK2150001 T14 DrwNo: 006.26.0934.33793 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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: 3.08 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.066	E	999	360
VERT(CL): 0.138	E	999	240
HORZ(LL): 0.028	L	-	-
HORZ(TL): 0.058	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.581
Max BC CSI: 0.785
Max Web CSI: 0.700

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1407	/-	/-	/784	/12	/246
L	1287	/-	/-	/686	/89	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.7 (Truss)
L Brg Wid = - 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.	Chords	Tens.	Comp.
B - C	182	- 1910	F - G	237	- 1026
C - D	189	- 1737	G - H	199	- 818
D - E	211	- 1688	H - I	199	- 818
E - F	253	- 1317	I - J	199	- 818

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	1497	- 329	N - M	977	- 249
P - O	1291	- 289	M - L	480	- 136
O - N	977	- 249			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
E - O	90	- 452	M - J	879	- 170
F - O	418	- 31	J - L	344	- 1214
G - M	130	- 413			

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

Bracing
(a) Continuous lateral restraint equally spaced on member.

Wind
Wind loads based on MWFRS with additional C&C member design.
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 10-0-8.

COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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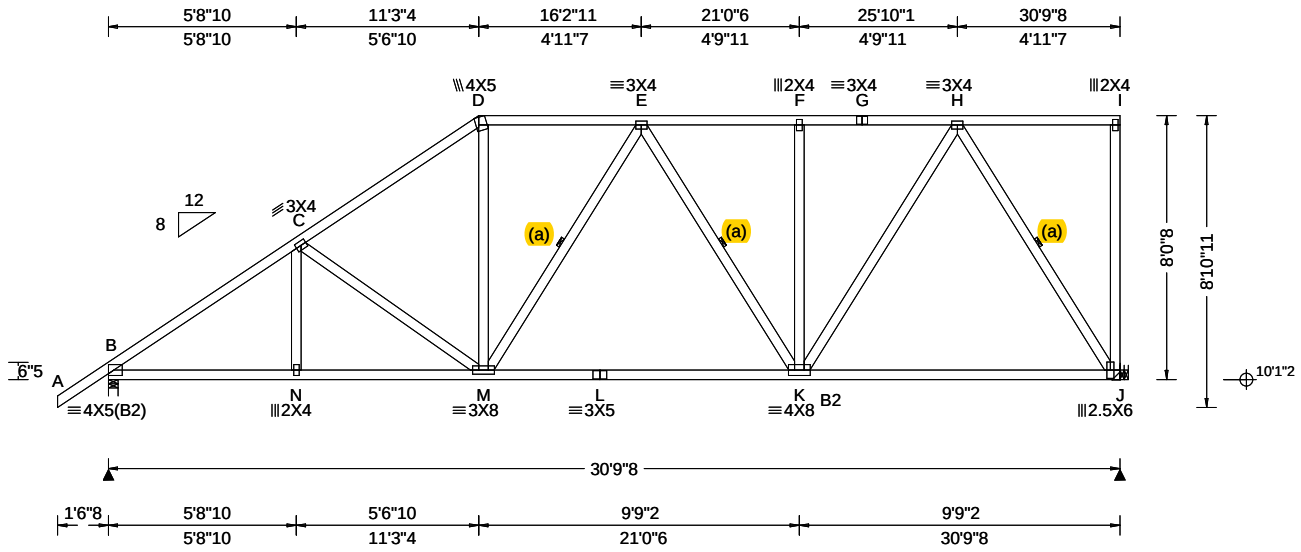
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718970 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** C3	Cust: R 215 JRef:1YGK2150001 T16 DrwNo: 006.26.0934.34813 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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: 3.08 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.064	M	999	360
VERT(CL):	0.134	M	999	240
HORZ(LL):	0.028	J	-	-
HORZ(TL):	0.058	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.583
Max BC CSI: 0.783
Max Web CSI: 0.571

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1407	/-	/-	/766	/29	/198
J	1287	/-	/-	/662	/78	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.7 (Truss)
J Brg Wid = - 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.	Chords	Tens.	Comp.
B - C	260	- 1899	E - F	284	- 1145
C - D	314	- 1546	F - G	284	- 1145
D - E	292	- 1214	G - H	284	- 1145

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	1483	- 336	L - K	1275	- 343
N - M	1482	- 337	K - J	693	- 205
M - L	1275	- 343			

Maximum Web Forces Per Ply (lbs)

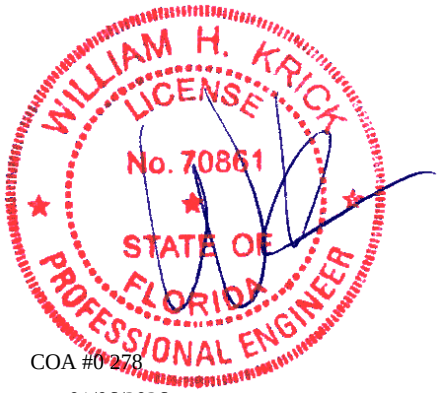
Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - M	485	- 45	H - J	381	- 1287
K - H	857	- 157			

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3;

Bracing
(a) Continuous lateral restraint equally spaced on member.

Wind
Wind loads based on MWFRS with additional C&C member design.
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 8-0-8.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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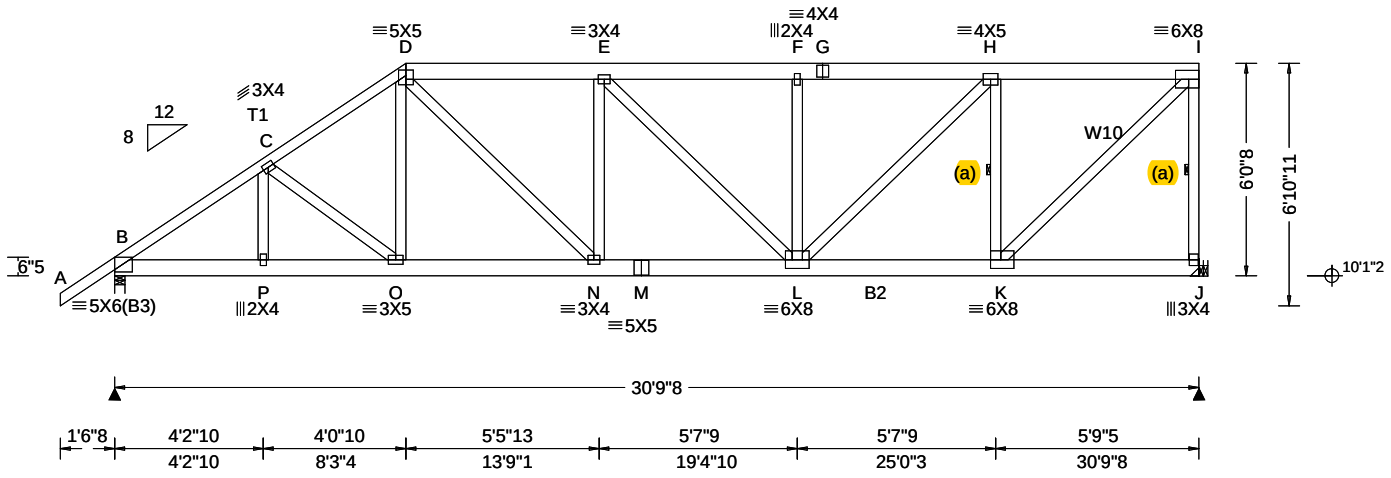
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718968 / HIPM FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** C4	Cust: R 215 JRef:1YGK2150001 T18 DrwNo: 006.26.0934.33744 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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: 3.08 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.203	E	999	360
VERT(CL): 0.270	E	999	240
HORZ(LL): 0.050	C	-	-
HORZ(TL): 0.066	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.797
Max BC CSI: 0.779
Max Web CSI: 0.714

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	2656	/-	/-	/232	/-	/-
J	2700	/-	/-	/460	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 2.2 (Truss)
J Brg Wid = - 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.	Chords	Tens.	Comp.
B - C	0	-3940	F - G	0	-3468
C - D	0	-3702	G - H	0	-3468
D - E	0	-3697	H - I	0	-2247
E - F	0	-3468			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	3192	0	N - M	3717	0
P - O	3190	0	M - L	3717	0
O - N	3008	0	L - K	2344	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - D	847	0	L - H	1605	0
D - N	997	0	H - K	0	-1851
N - E	0	-410	K - I	3165	0
F - L	0	-553	I - J	0	-2534

Lumber

Top chord: 2x6 SP #2; T1 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E; B2 2x6 SP #2;
Webs: 2x4 SP #3; W10 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

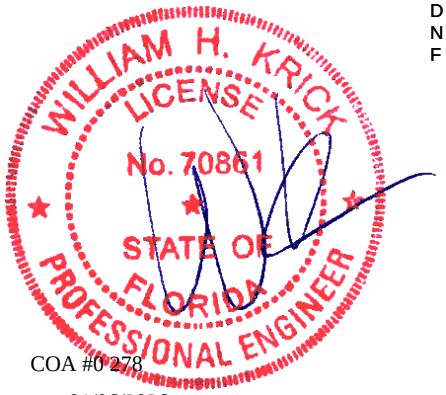
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at -1.54 to 64 plf at 6.33
TC: From 32 plf at 6.33 to 32 plf at 30.79
BC: From 5 plf at -1.54 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 6.33
BC: From 10 plf at 6.33 to 10 plf at 30.79
TC: 153 lb Conc. Load at 8.33,10.33,12.33,14.33 16.33,18.33,20.33,22.33,24.33,26.33,28.33,30.33
BC: 652 lb Conc. Load at 6.33
BC: 100 lb Conc. Load at 8.33,10.33,12.33,14.33 16.33,18.33,20.33,22.33,24.33,26.33,28.33,30.33

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 6-0-8.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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ALPINE AN ITW COMPANY
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Glenview, IL 60025

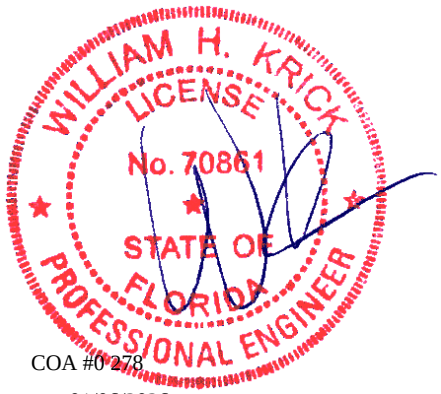
Hangers / Ties

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.

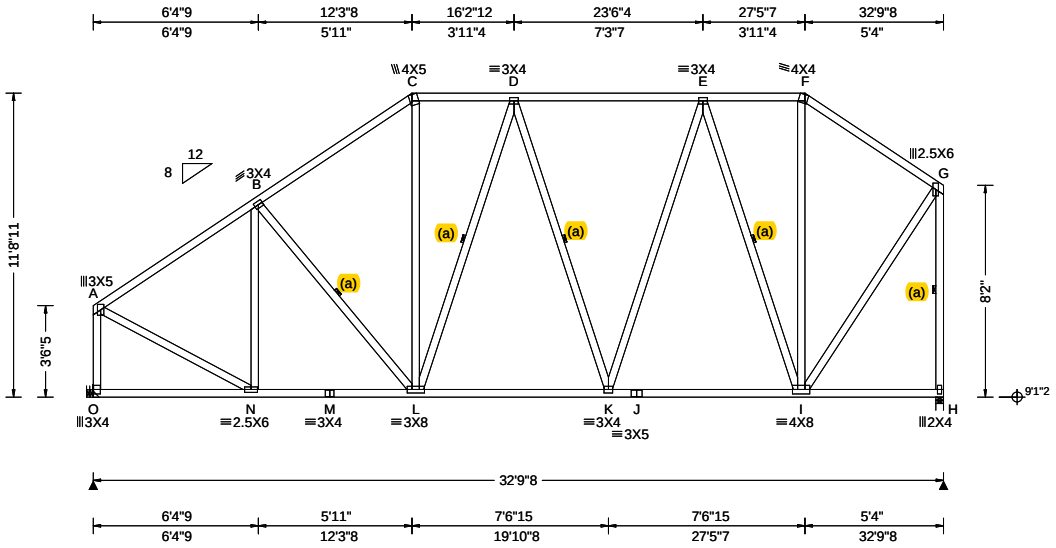
Bearing at location x=30'6"8 uses the following support conditions: 30'6"8
Bearing J (30'6"8, 10'1"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(6) 0.148"x3" nails into supported member.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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

SEQN: 719014 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** D1	Cust: R 215 JRef:1YGK2150001 T71 DrwNo: 006.26.1050.10720 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.71 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.28 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.044	D	999	360
VERT(CL): 0.093	D	999	240
HORZ(LL): 0.017	B	-	-
HORZ(TL): 0.035	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.532
Max BC CSI: 0.534
Max Web CSI: 0.583

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1378	/-	/-	/779	/-	/219
H	1376	/-	/-	/746	/-	/-

Wind reactions based on MWFRS
O Brg Wid = - Min Req = -
H Brg Wid = 3.5 Min Req = 1.6 (Truss)
Bearing H is 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	39	-1268	D - E	157	-933
B - C	93	-1254	E - F	164	-567
C - D	128	-946	F - G	73	-763

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	989	-91	K - J	816	-8
M - L	989	-91	J - I	816	-8
L - K	1002	-8			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	31	-1326	K - E	394	-11
A - N	1087	0	E - I	30	-790
N - B	49	-375	I - G	988	0
C - L	381	-14	G - H	68	-1336

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

Bearing at location x=0' uses the following support conditions: 0'
Bearing O (0', 9'1"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Wind

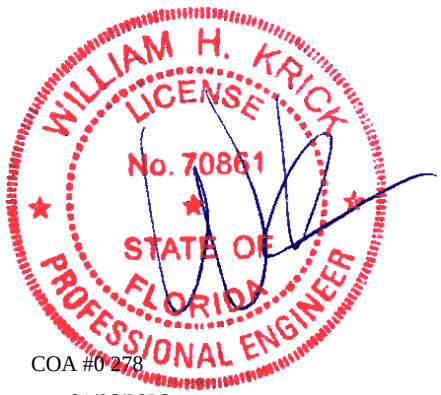
Wind loads based on MWFRS with additional C&C member design.

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 11-8-11.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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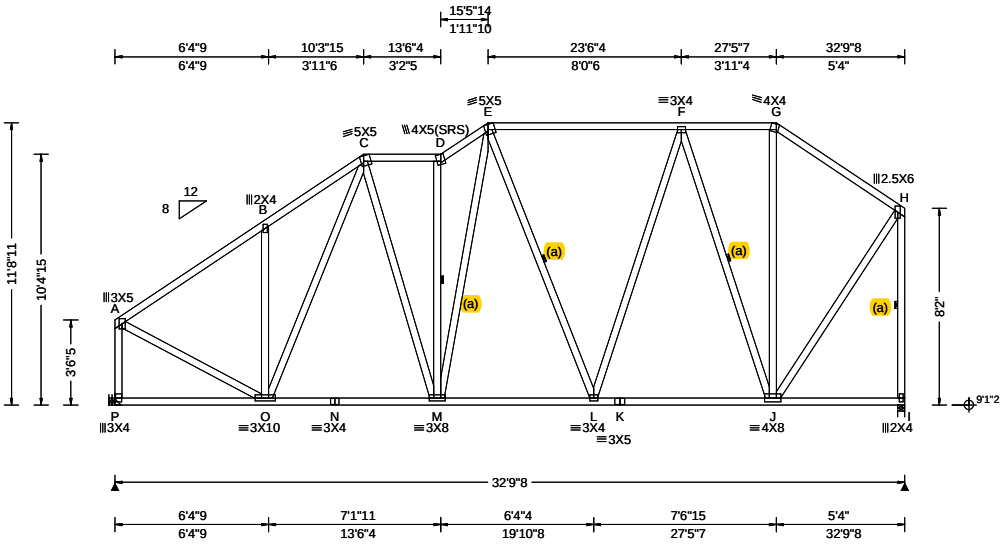
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719016 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** D2	Cust: R 215 JRef:1YGK2150001 T70 DrwNo: 006.26.1050.09003 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.31 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.28 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.057	D	999	360
VERT(CL): 0.120	D	999	240
HORZ(LL): 0.023	B	-	-
HORZ(TL): 0.047	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.669
Max BC CSI: 0.506
Max Web CSI: 0.594

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	1378	/-	/-	/777	/-	/204
I	1376	/-	/-	/739	/-	/-

Wind reactions based on MWFRS
P Brg Wid = - Min Req = -
I Brg Wid = 3.5 Min Req = 1.6 (Truss)
Bearing I is 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	110	- 1280	E - F	200	- 930
B - C	226	- 1275	F - G	177	- 567
C - D	165	- 1082	G - H	89	- 763
D - E	221	- 1263			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	965	- 117	L - K	820	- 31
N - M	965	- 117	K - J	820	- 31
M - L	1007	- 80			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - P	102	- 1327	M - E	467	- 157
A - O	1090	- 27	L - F	382	- 33
B - O	162	- 391	F - J	53	- 805
C - M	402	0	J - H	987	- 26
M - D	177	- 712	H - I	96	- 1337

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

Bracing
(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties
(J) Hanger Support Required, by others

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 11-8-11.

COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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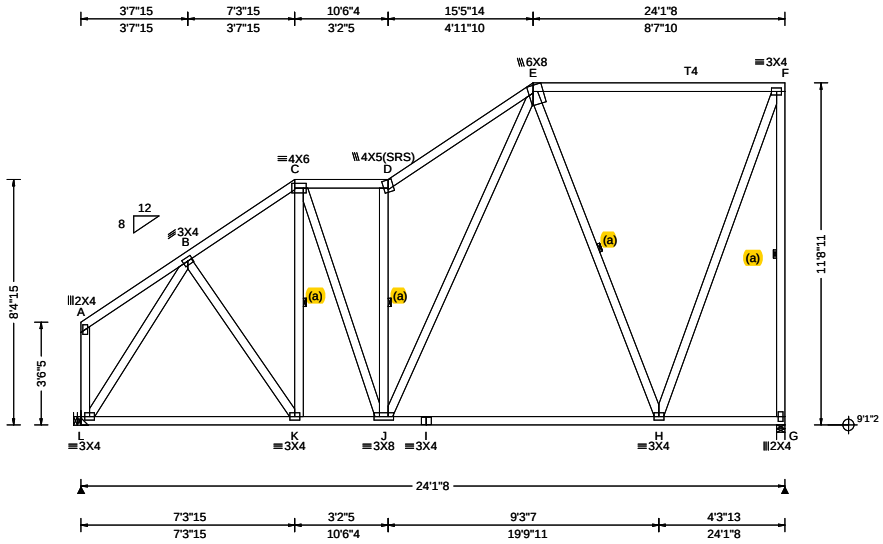
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719018 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** D3	Cust: R 215 JRef:1YGK2150001 T69 DrwNo: 006.26.1050.07380 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.31 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.061	D	999	360
VERT(CL): 0.085	D	999	240
HORZ(LL): 0.030	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.669
Max BC CSI: 0.664
Max Web CSI: 0.850

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1014	/-	/-	/609	/-	/218
G	1014	/-	/-	/716	/-	/-

Wind reactions based on MWFRS
L Brg Wid = - Min Req = -
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearing G is 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	60	- 858	D - E	128	- 971
C - D	35	- 753			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	552	- 246	J - I	514	- 70
K - J	655	- 191	I - H	514	- 70

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - B	0	- 1005	E - H	176	- 637
J - D	193	- 689	H - F	816	- 22
J - E	616	- 223	F - G	0	- 999

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Wind

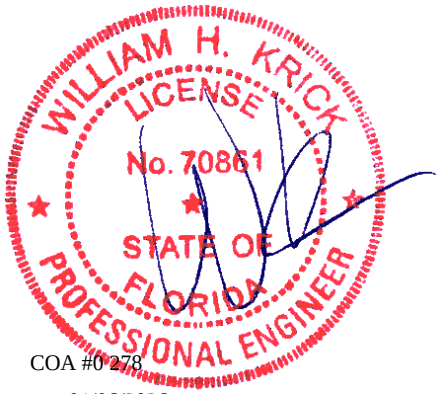
Wind loads based on MWFRS with additional C&C member design.

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 11-8-11.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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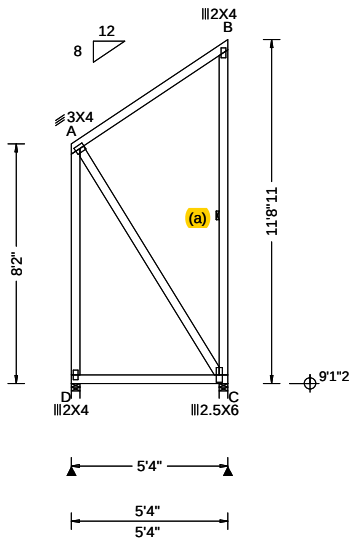
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719057 MONO FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** D3A	Cust: R 215 JRef:1YGK2150001 T66 DrwNo: 006.26.1050.05780 SSB / WHK 01/06/2026



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 19.04 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	B	999	360
VERT(CL): 0.003	B	999	240
HORZ(LL): -0.002	A	-	-
HORZ(TL): 0.008	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.565
Max BC CSI: 0.343
Max Web CSI: 0.290

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D	224	/-	/-	/150	/-	/85
C	224	/-	/-	/213	/159	/-

Wind reactions based on MWFRS
D Brg Wid = 3.5 Min Req = 1.5 (Truss)
C Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings D & C 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;

Bracing
(a) Continuous lateral restraint equally spaced on member.

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 11-8-11.

COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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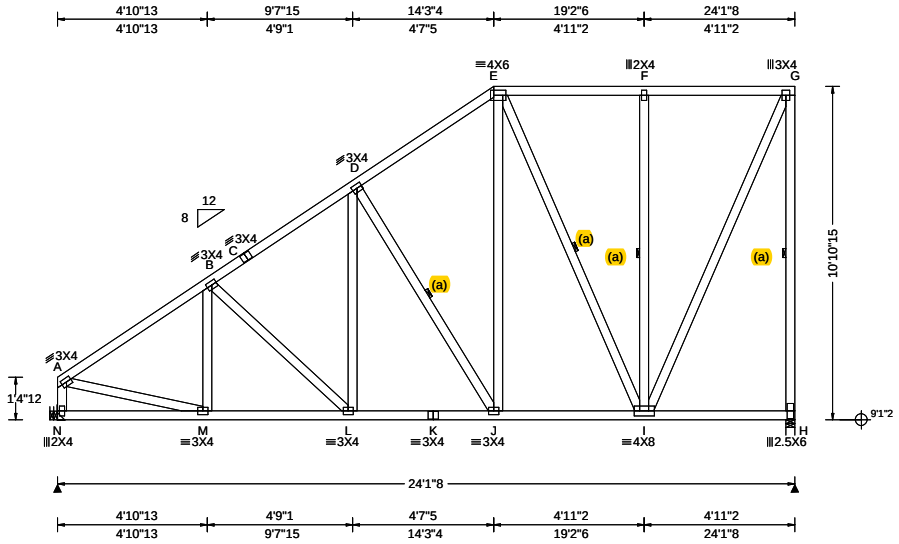
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719020 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** D4	Cust: R 215 JRef:1YGK2150001 T29 DrwNo: 006.26.1050.04527 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.25 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.034	L	999	360
VERT(CL): 0.072	L	999	240
HORZ(LL): 0.013	B	-	-
HORZ(TL): 0.027	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.384
Max BC CSI: 0.314
Max Web CSI: 0.726

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1014	/-	/-	/605	/-	/226
H	1014	/-	/-	/573	/94	/-

Wind reactions based on MWFRS
N Brg Wid = - Min Req = -
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearing H is 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	69	-1211	D - E	151	-768
B - C	93	-1053	E - F	118	-394
C - D	117	-1011	F - G	118	-394

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	951	-245	K - J	796	-197
L - K	796	-197	J - I	570	-153

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	60	-972	E - I	84	-418
A - M	938	-3	I - G	935	-280
D - J	90	-439	G - H	334	-974
E - J	472	-30			

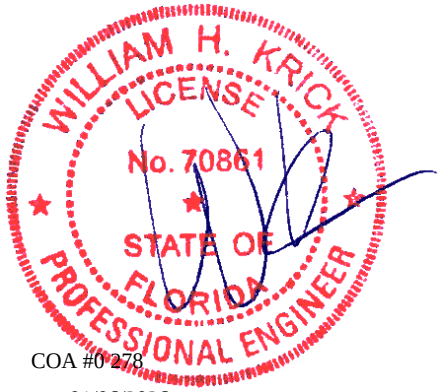
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing
(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties
(J) Hanger Support Required, by others

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 10-10-15.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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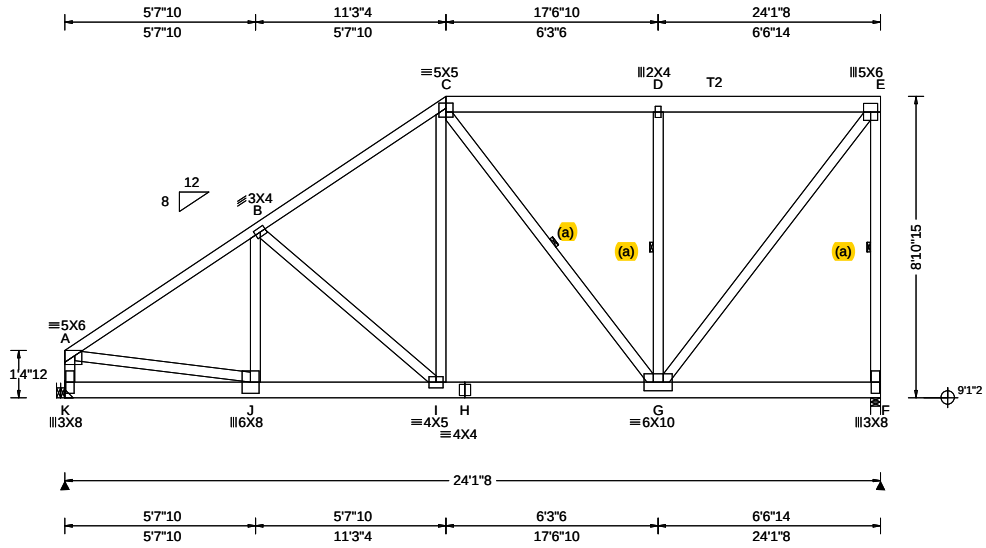
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719053 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** D5	Cust: R 215 JRef:1YGK2150001 T41 DrwNo: 006.26.1050.02760 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.069	I	999	360
VERT(CL): 0.139	I	999	240
HORZ(LL): 0.022	B	-	-
HORZ(TL): 0.045	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.420
Max BC CSI: 0.748
Max Web CSI: 0.924

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	2288	/-	/-	/-	/237	/-
F	2372	/-	/-	/-	/414	/-

Wind reactions based on MWFRS
K Brg Wid = - Min Req = -
F Brg Wid = 3.5 Min Req = 2.8 (Truss)
Bearing F is 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	358	- 3025	C - D	252	- 1460
B - C	375	- 2242	D - E	251	- 1458

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	2411	- 288	H - G	1777	- 297
I - H	1777	- 297			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - K	270	- 2224	C - G	78	- 536
A - J	2427	- 283	D - G	145	- 621
J - B	675	0	G - E	2376	- 409
B - I	0	- 792	E - F	371	- 2085
I - C	1388	- 212			

Lumber

Top chord: 2x4 SP M-31; T2 2x6 SP #2;
Bot chord: 2x6 SP #2;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	64 plf at	0.00 to	64 plf at	5.06
TC: From	32 plf at	5.06 to	32 plf at	24.12
BC: From	20 plf at	0.00 to	20 plf at	5.06
BC: From	10 plf at	5.06 to	10 plf at	24.12

TC: 98 lb Conc. Load at 13.06,15.06,17.06,19.06 21.06,23.06
BC: 734 lb Conc. Load at 5.06
BC: 296 lb Conc. Load at 7.06, 9.06
BC: 297 lb Conc. Load at 11.06
BC: 203 lb Conc. Load at 13.06,15.06,17.06,19.06 21.06,23.06

Hangers / Ties

(J) Hanger Support Required, by others

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 8-10-15.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.

COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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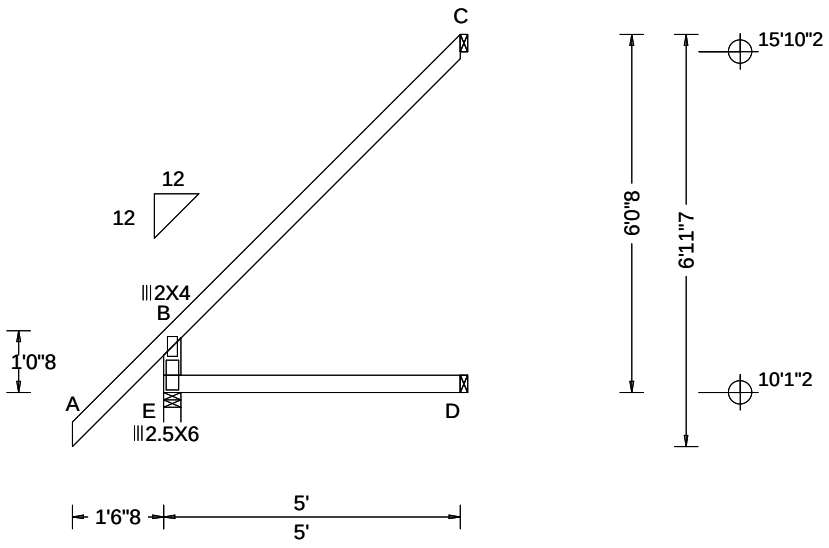
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718949 / EJAC FROM: RFG	Ply: 1 Qty: 12	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** EJ5	Cust: R 215 JRef:1YGK2150001 T22 DrwNo: 006.26.0934.34402 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.000	B	999	360
VERT(CL):	0.000	B	999	240
HORZ(LL):	0.000	B	-	-
HORZ(TL):	0.003	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.439
Max BC CSI: 0.298
Max Web CSI: 0.148

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	352	/-	/-	/204	/97	/-
D	100	/-	/-	/50	/-	/-
C	153	/-	/-	/98	/-	/147

Wind reactions based on MWFRS
E Brg Wid = 3.5 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 Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	418	-133

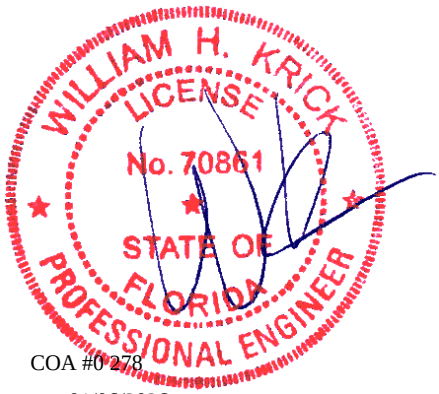
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	499	-302

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 6-0-8.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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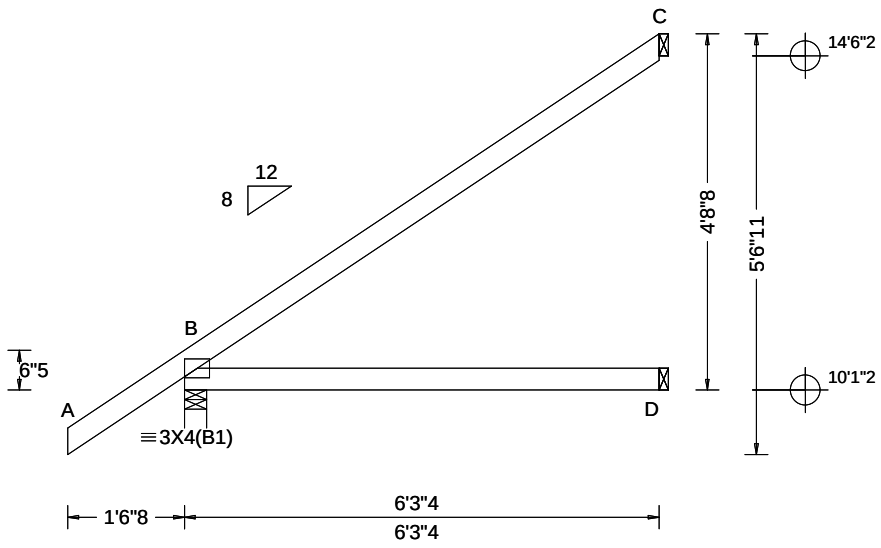
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718958 / EJAC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** EJ6	Cust: R 215 JRef:1YGK2150001 T24 DrwNo: 006.26.0934.35881 SSB / WHK 01/06/2026



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): NA			
VERT(CL): NA			
HORZ(LL): 0.007	B	-	-
HORZ(TL): 0.015	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.613
Max BC CSI: 0.434
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

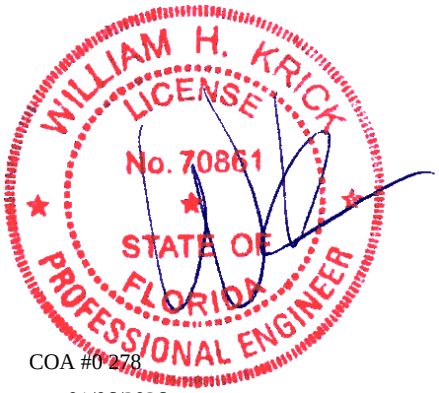
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	388	/-	/-	/179	/-	/118
D	119	/-	/-	/68	/-	/-
C	176	/-	/-	/114	/61	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 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 4-8-8.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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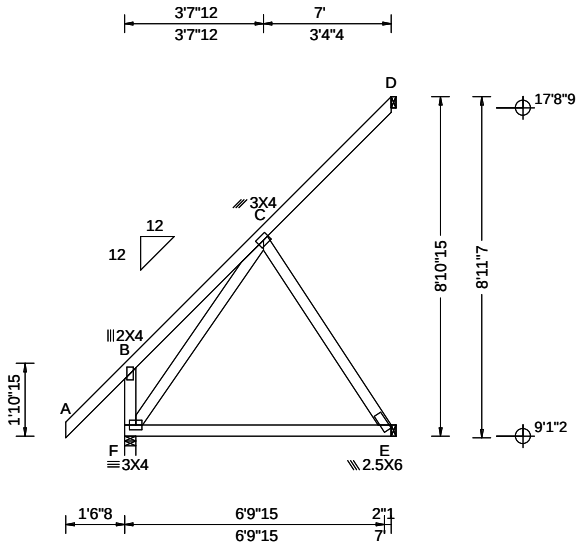
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719049 / JACK FROM: RFG	Ply: 1 Qty: 6	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** EJ7	Cust: R 215 JRef:1YGK2150001 T27 DrwNo: 006.26.0934.35223 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 C 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.002 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 D - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.003 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.090
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.532
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.334
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 24.02.00D.0114.10
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	430	/-	/-	/207	/-	/140
E	203	/-	/-	/205	/43	/-
D	98	/-	/-	/76	/26	/-

Wind reactions based on MWFRS
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
D Brg Wid = 1.5 Min Req = -
Bearing F is a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
F - C	28	-454

Lumber

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

Wind

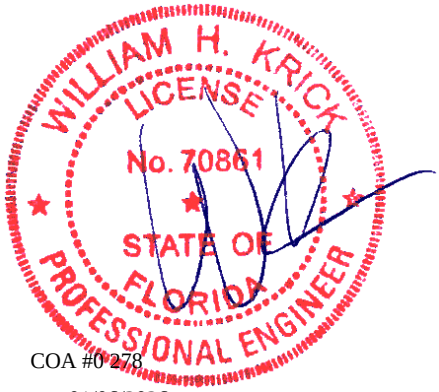
Wind loads based on MWFRS with additional C&C member design.

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 8-10-15.



COA #0 278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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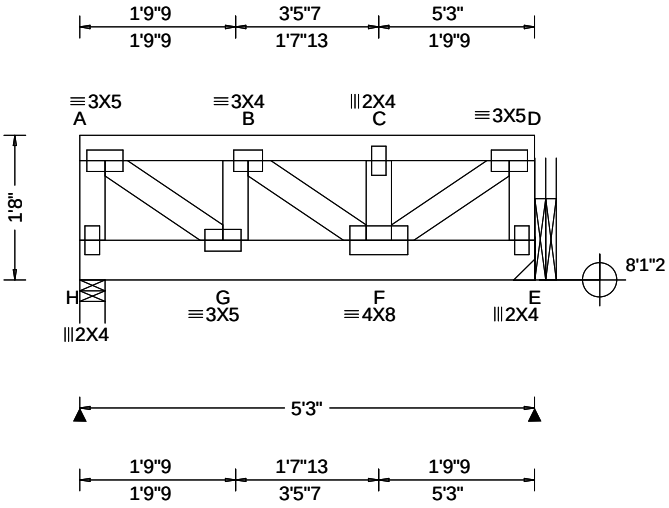
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718892 FLAT FROM: RFG Page 1 of 2	Ply: 2 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** FG1	Cust: R 215 JRef:1YGK2150001 T52 DrwNo: 006.26.1053.33830 SSB / WHK 01/06/2026	

2 Complete Trusses Required



Loading Criteria (psf)

TCLL:	40.00
TCDL:	10.00
BCLL:	0.00
BCDL:	5.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.008	C	999	480
VERT(CL): 0.014	C	999	360
HORZ(LL): 0.002	A	-	-
HORZ(TL): 0.004	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.158
Max BC CSI: 0.341
Max Web CSI: 0.470

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	1409	/-	/-	/-	/-	/-
E	1474	/-	/-	/-	/-	/-

H Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing H is 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	0	-720	C - D	0	-807
B - C	0	-807			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
G - F	785	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	0	-685	F - D	986	0
A - G	907	0	D - E	0	-699

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

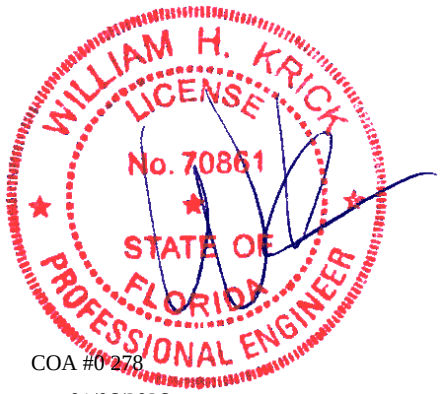
Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 8.50" o.c.
Bot Chord: 1 Row @ 4.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads
------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 284 plf at 0.00 to 284 plf at 5.25
BC: From 5 plf at 0.00 to 5 plf at 5.25
BC: 683 lb Conc. Load at 2.06, 3.44

Additional Notes
Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-8-0.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.



COA #0 278
01/06/2026
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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.

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North Building, 4th Floor
Glenview, IL 60025

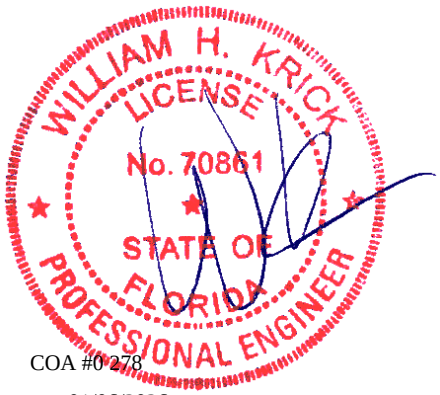
Hangers / Ties

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=5' uses the following support conditions: 5'
Bearing E (5', 8'1"2) HGUS28-2
Supporting Member: (2)2x12 SP 2400f-2.0E
(36) 0.148"x3" nails into supporting member,
(6) 0.148"x3" nails into supported member.



COA #0278
01/06/2026
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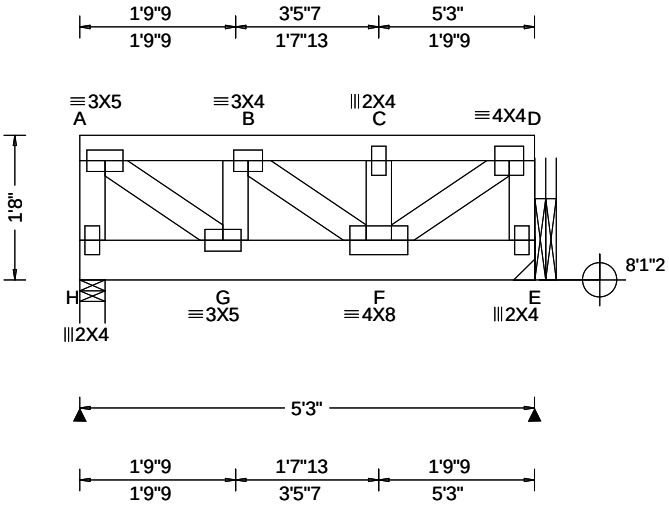
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718894 FLAT FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** FG2	Cust: R 215 JRef:1YGK2150001 T61 DrwNo: 006.26.1053.26257 SSB / WHK 01/06/2026	

2 Complete Trusses Required



Loading Criteria (psf)

TCLL:	40.00
TCDL:	10.00
BCLL:	0.00
BCDL:	5.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.009	C	999	480
VERT(CL): 0.015	C	999	360
HORZ(LL): 0.003	A	-	-
HORZ(TL): 0.004	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.160
Max BC CSI: 0.355
Max Web CSI: 0.488

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	1453	/-	/-	/-	/-	/-
E	1522	/-	/-	/-	/-	/-

H Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing H is 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	0	-748	C - D	0	-838
B - C	0	-838			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
G - F	813	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	0	-706	F - D	1025	0
A - G	942	0	D - E	0	-722

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

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 8.50" o.c.
Bot Chord: 1 Row @ 4.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

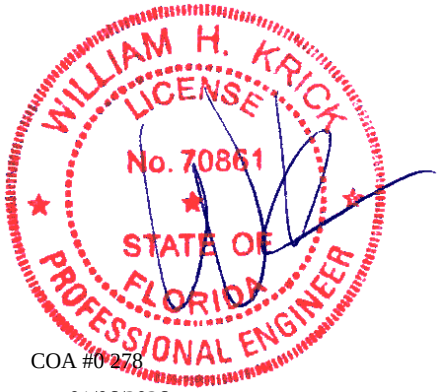
Special Loads
------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 284 plf at 0.00 to 284 plf at 5.25
BC: From 5 plf at 0.00 to 5 plf at 5.25
BC: 729 lb Conc. Load at 2.06, 3.44

Hangers / Ties
(J) Hanger Support Required, by others

Purlins
The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Additional Notes
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-8-0.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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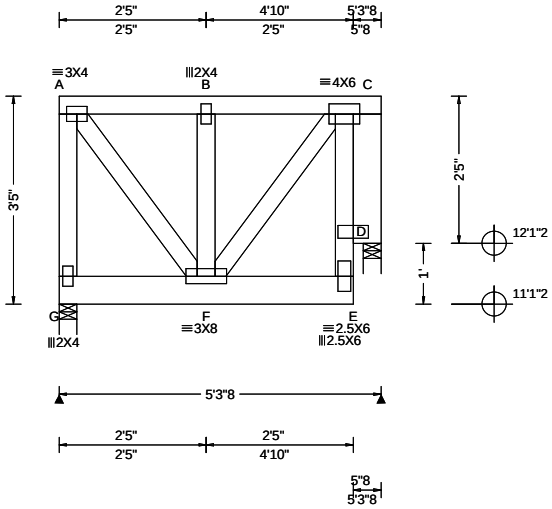
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719084 FLAT FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** FT1	Cust: R 215 JRef:1YGK2150001 T76 DrwNo: 006.26.1049.55510 SSB / WHK 01/06/2026

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 B 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.005 B 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.037
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.112
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.127
	C&C Dist a: NA	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 21.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	709	/-	/-	/-	/21	/-
D	665	/-	/-	/15	/-	/-

Wind reactions based on MWFRS
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
D Brg Wid = 3.5 Min Req = 1.5 (Support)
Bearings G & D are a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP #2;
Webs: 2x4 SP #3;
Rt Bearing Leg: 2x6 SP #2;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.75" 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	60 plf at	0.00 to	60 plf at	5.29
BC: From	10 plf at	0.00 to	10 plf at	4.83
BC:	494 lb Conc. Load at	1.40		
BC:	515 lb Conc. Load at	3.40		

Purlins

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 3-5-0.

COA #0278

01/06/2026

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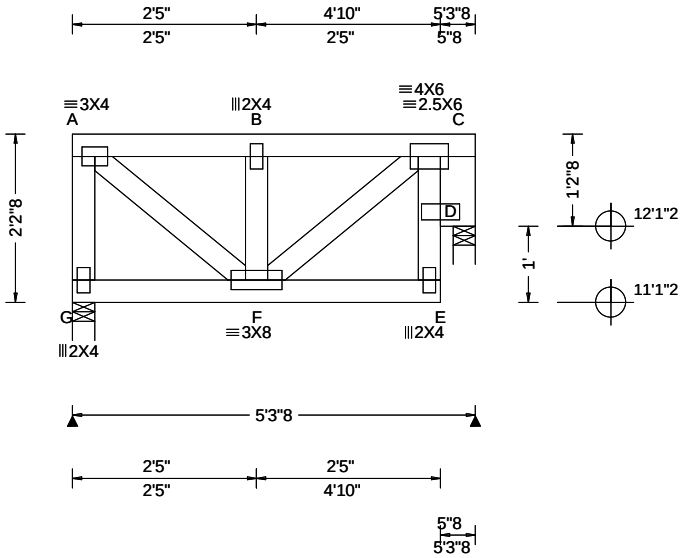
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719076 / FLAT FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** FT2	Cust: R 215 JRef:1YGK2150001 T75 DrwNo: 006.26.0934.34544 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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: NA
Loc. from endwall: not in 21.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.002	B	999	360
VERT(CL):	0.004	B	999	240
HORZ(LL):	0.000	A	-	-
HORZ(TL):	0.001	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.063
Max BC CSI: 0.047
Max Web CSI: 0.117

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	204	/-	/-	/104	/10	/-
D	210	/-	/-	/102	/15	/-

Wind reactions based on MWFRS
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
D Brg Wid = 3.5 Min Req = 1.5 (Support)
Bearings G & D 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;
Rt Bearing Leg: 2x6 SP #2;

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 2-2-8.

COA #0 278

01/06/2026

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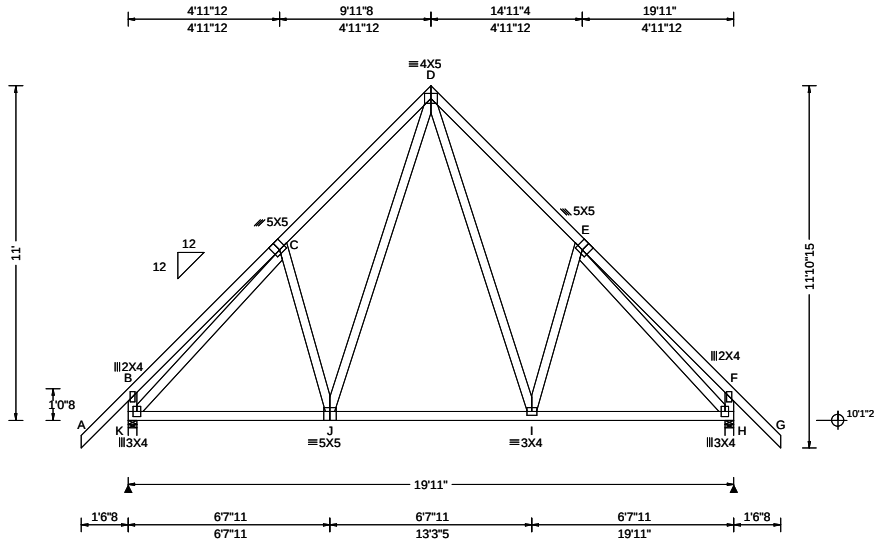
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718927 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** G1	Cust: R 215 JRef:1YGK2150001 T4 DrwNo: 006.26.0934.33729 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.34 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.018	I	999	360
VERT(CL):	0.039	I	999	240
HORZ(LL):	0.012	F	-	-
HORZ(TL):	0.027	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.275
Max BC CSI: 0.439
Max Web CSI: 0.834

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	993	/-	/-	/536	/7	/219
H	993	/-	/-	/536	/7	/-

Wind reactions based on MWFRS
K Brg Wid = 3.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings K & 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.
C - D	296	-860	D - E	296	-861

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	587	-33	I - H	587	0
J - I	413	0			

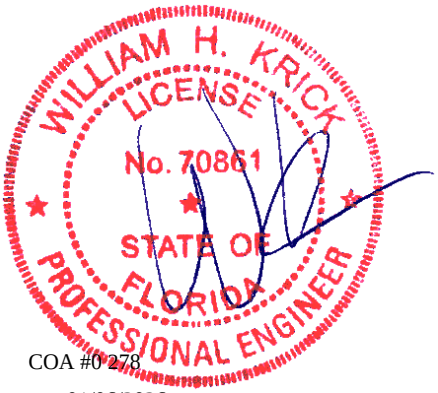
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
K - C	0	-808	E - H	0	-809

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.
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 11-0-0.



COA #0278
01/06/2026
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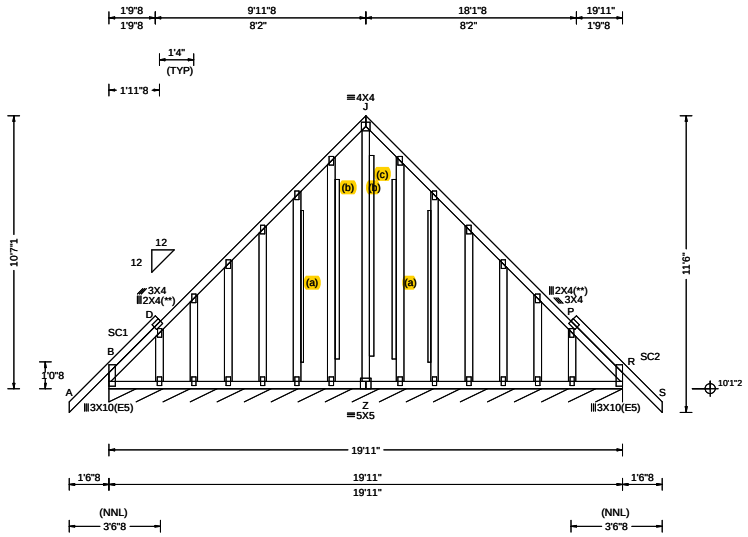
Glenview, IL 60025

SEQN: 718929 / GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** G1E	Cust: R 215 JRef:1YGK2150001 T1 DrwNo: 006.26.0934.33943 SSB / WHK 01/06/2026



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
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: Enclosed Risk Category: II EXP: B Kzt: NA Mean Height: 15.14 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: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 K 999 360 VERT(CL): 0.003 K 999 240 HORZ(LL): -0.000 B - - HORZ(TL): 0.007 I - - Creep Factor: 2.0 Max TC CSI: 0.293 Max BC CSI: 0.035 Max Web CSI: 0.997 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	136	/-	/-	/57	/1	/12

Wind reactions based on MWFRS
B Brg Wid = 239 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;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

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

Loading

Truss designed to support 1-0-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

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

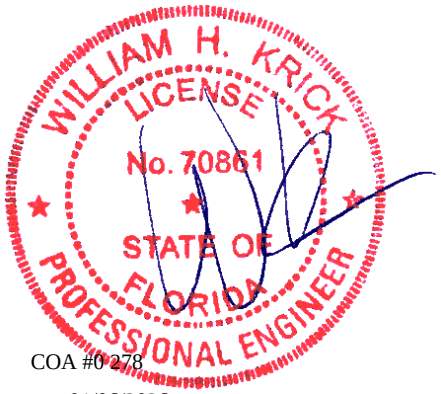
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/207.

Gable Reinforcement

(a) 1x4 SP/DF #2 or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(b) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.



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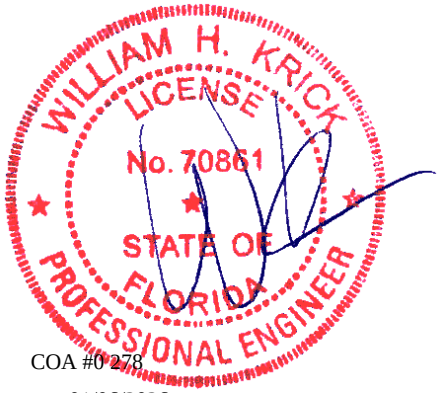
Additional Notes

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 10-7-1.



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155 Harlem Ave
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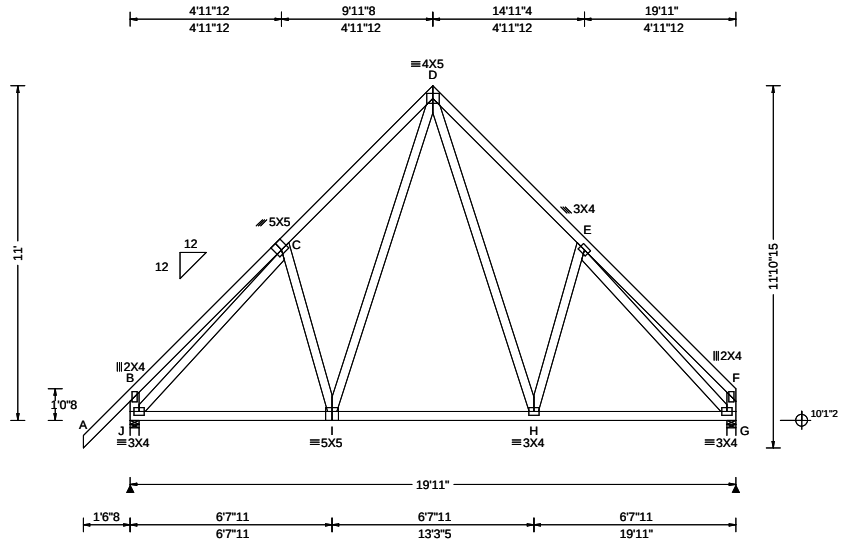
Glenview, IL 60025

SEQN: 718937 / COMN FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** G2	Cust: R 215 JRef:1YGK2150001 T2 DrwNo: 006.26.0934.33648 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.34 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	H	999	360
VERT(CL): 0.046	H	999	240
HORZ(LL): 0.015	F	-	-
HORZ(TL): 0.031	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.317
Max BC CSI: 0.476
Max Web CSI: 0.971

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	1079	/-	/-	/538	/4	/233
G	956	/-	/-	/512	/-	/-

Wind reactions based on MWFRS
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings J & 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.
C - D	175	-983	D - E	177	-996

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	671	-46	H - G	683	0
I - H	474	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - C	0	-943	D - H	474	-87
I - D	451	-84	E - G	0	-931

Lumber

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

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

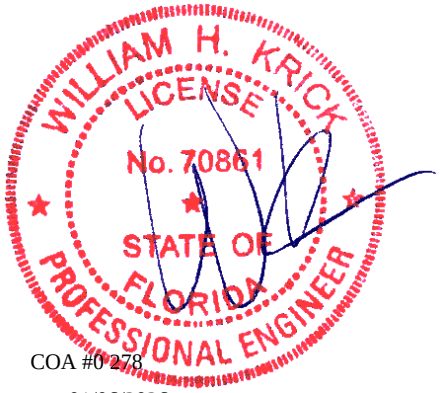
Wind loads based on MWFRS with additional C&C member design.

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 11-0-0.



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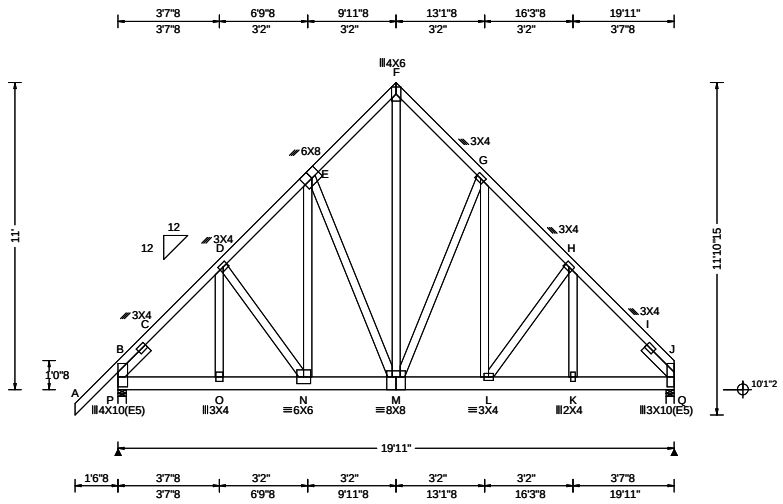
Glenview, IL 60025

SEQN: 718991 COMN FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** G3		Cust: R 215 JRef:1YGK2150001 T44 DrwNo: 006.26.1049.53503 SSB / WHK 01/06/2026	

2 Complete Trusses Required



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.146 N 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.151 N 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.063 D - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.065 D - -
NCBCLL: 0.00	Mean Height: 15.34 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.596
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.468
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.935
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	4977	/-	/-	/282	/-	/-
Q	3232	/-	/-	/116	/-	/-

Wind reactions based on MWFRS
P Brg Wid = 3.5 Min Req = 2.1 (Truss)
Q Brg Wid = 3.5 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.
B - C	0	-3045	F - G	0	-1844
C - D	0	-3013	G - H	0	-1950
D - E	0	-2615	H - I	0	-1935
E - F	0	-1823	I - J	0	-1965

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	2013	0	M - L	1351	0
O - N	2002	0	L - K	1293	0
N - M	1793	0	K - J	1297	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - D	530	0	E - M	0	-1312
N - E	1702	0	F - M	2455	0

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

Nailnote

Nail Schedule:0.128"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	68 plf at	-1.54 to	68 plf at	5.06
TC: From	34 plf at	5.06 to	34 plf at	9.96
TC: From	68 plf at	9.96 to	68 plf at	19.92
BC: From	6 plf at	-1.54 to	6 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.06
BC: From	10 plf at	5.06 to	10 plf at	11.06
BC: From	20 plf at	11.06 to	20 plf at	19.92

BC: 2700 lb Conc. Load at 5.06
BC: 1287 lb Conc. Load at 7.06, 9.06
BC: 1289 lb Conc. Load at 11.06

Wind

Wind loads and reactions based on MWFRS.

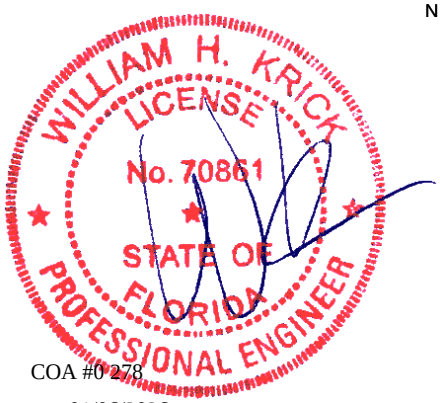
Wind loading based on both gable and hip roof types.

Blocking

Apply additional nailing over the following bearings with fasteners at 9" oc perpendicular to grain and 4" oc parallel to grain. In lieu of additional nailing, apply blocking reinforcement to prevent buckling of members over the bearings:
Bearing 1 located at 0.0' (blocking >= 3.50" if used)
Bearing 2 located at 19.6' (blocking >= 3.50" if used)

Additional Notes

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



COA #0278

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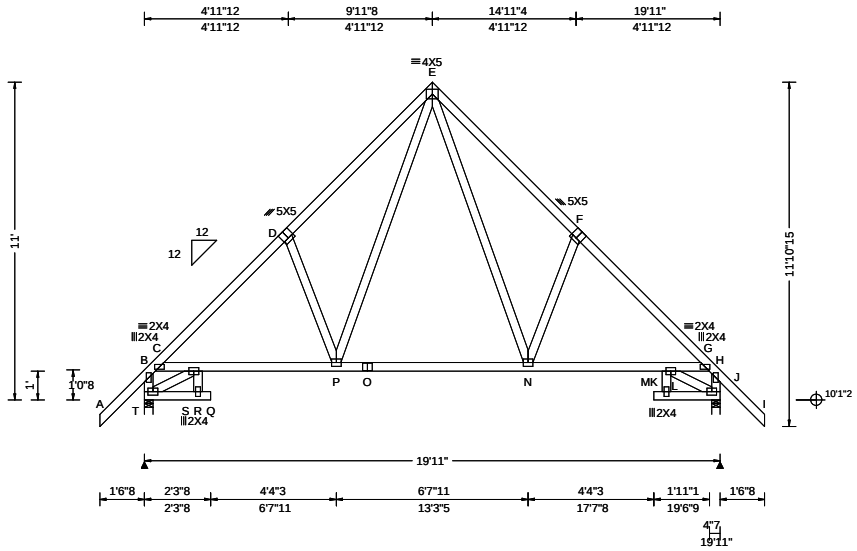
SEQN: 718933 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** G4	Cust: R 215 JRef:1YGK2150001 T7 DrwNo: 006.26.0934.34873 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.34 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.070	Q	999	360
VERT(CL): 0.167	Q	999	240
HORZ(LL): 0.069	J	-	-
HORZ(TL): 0.159	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.669
Max BC CSI: 0.522
Max Web CSI: 0.245

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
T	993	/-	/-	/542	/4	/219
J	993	/-	/-	/542	/4	/-

Wind reactions based on MWFRS
T Brg Wid = 3.5 Min Req = 1.5 (Truss)
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings T & J 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	55	- 726	E - F	141	- 993
C - D	37	- 1076	F - G	36	- 1076
D - E	139	- 993	G - H	47	- 726

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - S	616	0	O - N	453	0
S - P	726	- 34	N - K	726	0
P - O	453	0	K - G	616	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - T	66	- 1023	E - N	476	- 58
P - E	477	- 57	H - J	48	- 1023

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

Plating Notes
All plates are 3X4 except as noted.

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 11-0-0.
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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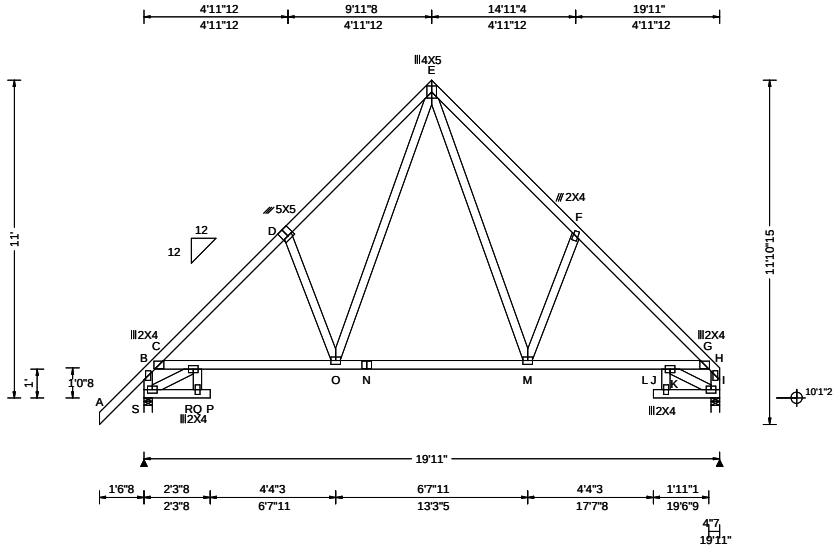
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718935 / COMN FROM: RFG	Ply: 1 Qty: 4	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** G5	Cust: R 215 JRef:1YGK2150001 T9 DrwNo: 006.26.0934.34801 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.34 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.080	L	999	360
VERT(CL):	0.178	L	999	240
HORZ(LL):	0.078	H	-	-
HORZ(TL):	0.165	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.871
Max BC CSI: 0.529
Max Web CSI: 0.348

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	1074	/-	/-	/543	/4	/233
I	951	/-	/-	/517	/-	/-

Wind reactions based on MWFRS
S Brg Wid = 3.5 Min Req = 1.5 (Truss)
I Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings S & 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.
B - C	69	-807	E - F	156	-1144
C - D	48	-1211	F - G	47	-1218
D - E	155	-1130	G - H	40	-831

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - R	689	0	N - M	517	0
R - O	823	-49	M - J	837	0
O - N	517	0	J - G	674	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - S	85	-1114	E - M	597	-69
O - E	573	-68	H - I	22	-1004

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

Plating Notes
All plates are 3X4 except as noted.

Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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 11-0-0.
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 #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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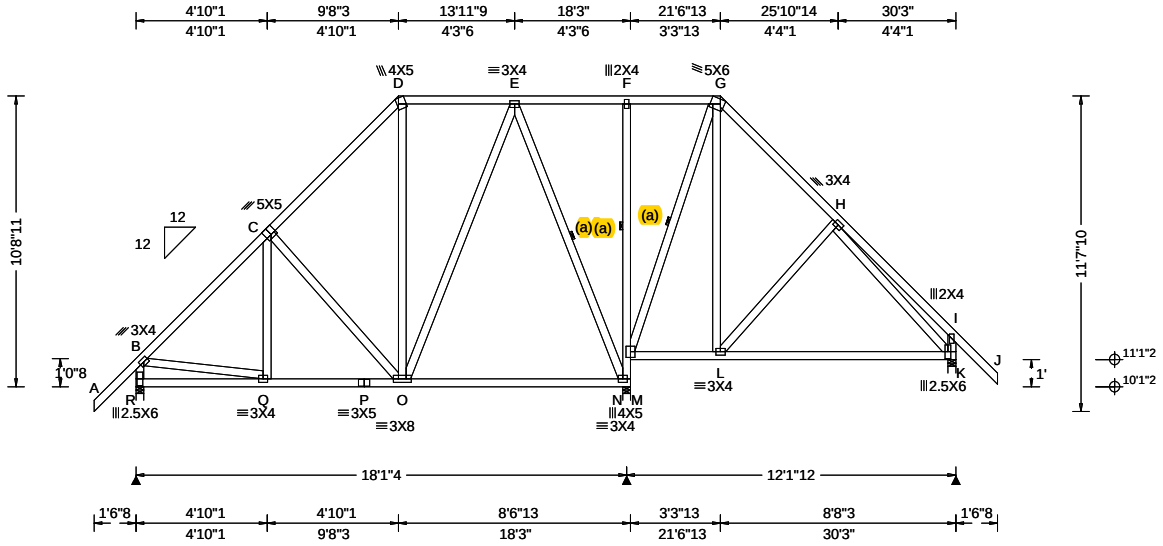
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719078 / COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** H1	Cust: R 215 JRef:1YGK2150001 T73 DrwNo: 006.26.0934.35658 SSB / WHK 01/06/2026



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00		Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00		Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.014 O 999 360
BCLL: 0.00		Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.029 O 999 240
BCDL: 10.00		Risk Category: II	Snow Duration: NA	HORZ(LL): 0.006 C - -
Des Ld: 40.00		EXP: B Kzt: NA		HORZ(TL): 0.013 I - -
NCBCLL: 10.00		Mean Height: 18.18 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00		TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.275
Load Duration: 1.25		BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.775
Spacing: 24.0 "		MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.446
		C&C Dist a: 3.02 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: Any	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	972	/-	/-	/520	/77	/307
N	1445	/-	/-	/908	/-	/-
K	687	/-	/-	/428	/106	/-

Wind reactions based on MWFRS
R Brg Wid = 3.5 Min Req = 1.5 (Truss)
N Brg Wid = 3.5 Min Req = 1.7 (Truss)
K Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings R, N, & 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.
B - C	190	- 916	E - F	396	- 164
C - D	279	- 723	F - G	376	- 128
D - E	341	- 426	G - H	299	- 378

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	570	- 110	P - O	570	- 110

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - R	187	- 919	N - M	0	- 644
B - Q	542	0	M - G	0	- 408
O - E	398	- 87	G - L	390	- 33
E - N	64	- 690	H - K	80	- 400

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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 10-8-11.

COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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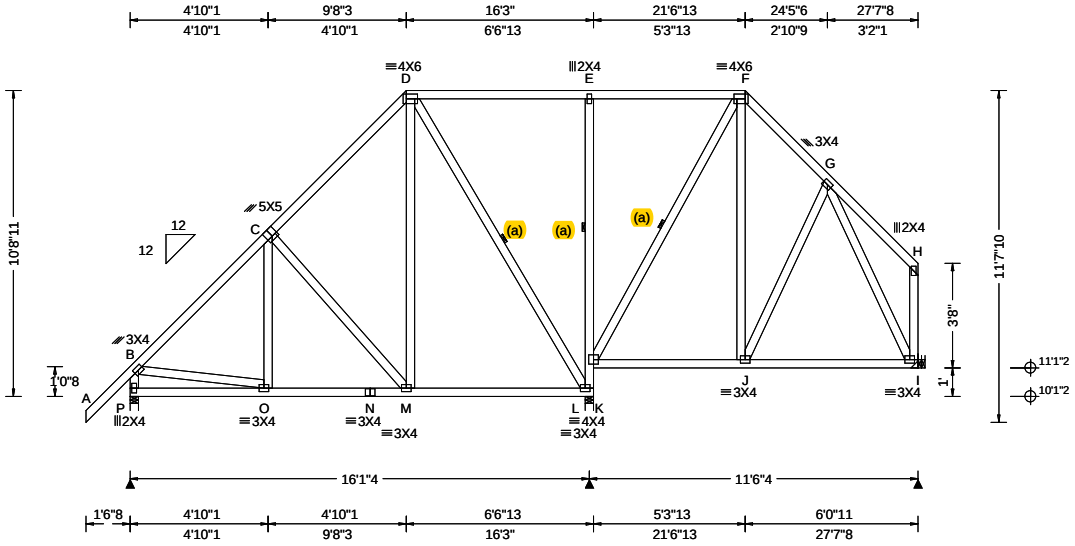
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719080 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** H1A	Cust: R 215 JRef:1YGK2150001 T94 DrwNo: 006.26.0934.33508 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.18 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.010	M	999	360
VERT(CL): 0.023	M	999	240
HORZ(LL): 0.005	C	-	-
HORZ(TL): 0.014	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.601
Max BC CSI: 0.346
Max Web CSI: 0.373

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	805	/-	/-	/469	/29	/311
L	1271	/-	/-	/872	/-	/-
I	494	/-	/-	/350	/33	/-

Wind reactions based on MWFRS
P Brg Wid = 3.5 Min Req = 1.5 (Truss)
L Brg Wid = 3.5 Min Req = 1.5 (Truss)
I Brg Wid = - Min Req = -
Bearings P & 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	59	- 725	C - D	146	- 485

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	441	- 113	N - M	441	- 113

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	72	- 763	L - K	0	- 802
B - O	418	0	E - K	37	- 490
D - M	416	- 40	G - I	15	- 384
D - L	103	- 492			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

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 10-8-11.

COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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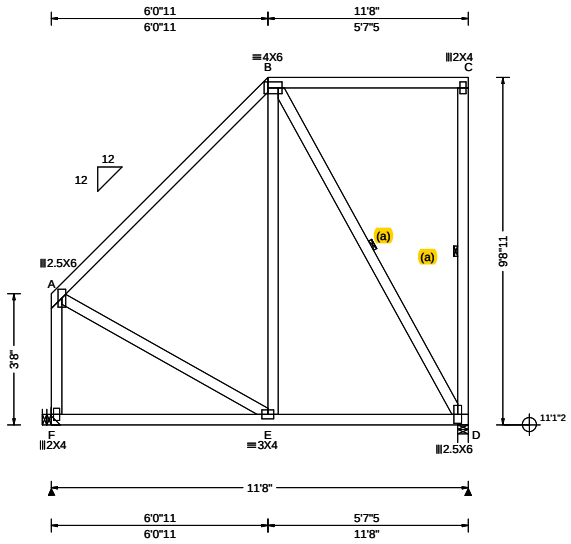
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719082 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** H1B	Cust: R 215 JRef:1YGK2150001 T98 DrwNo: 006.26.0934.34112 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.79 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	E	999	360
VERT(CL): 0.009	E	999	240
HORZ(LL): 0.001	D	-	-
HORZ(TL): 0.004	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.760
Max BC CSI: 0.422
Max Web CSI: 0.316

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	515	/-	/-	/286	/-	/144
D	515	/-	/-	/314	/97	/-

Wind reactions based on MWFRS
F Brg Wid = - Min Req = -
D Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearing D is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	60	-393

Maximum Web Forces Per Ply (lbs)

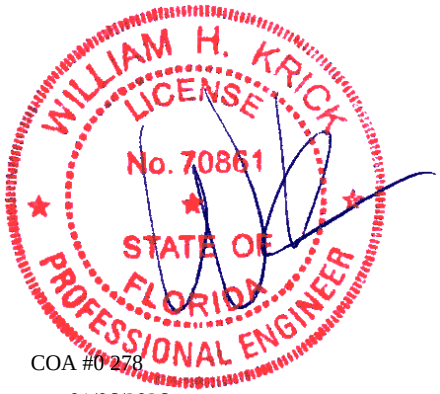
Webs	Tens.	Comp.
A - F	36	-465

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

Bracing
(a) Continuous lateral restraint equally spaced on member.

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 9-8-11.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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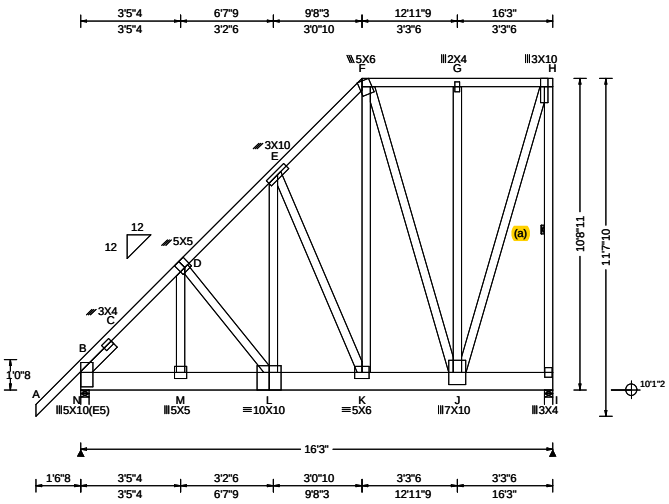
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719091 / COMN FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** H2	Cust: R 215 JRef:1YGK2150001 T74 DrwNo: 006.26.0934.33899 SSB / WHK 01/06/2026

2 Complete Trusses Required



Loading Criteria (psf)

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 Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.21 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.068	L	999	360
VERT(CL): 0.135	L	999	240
HORZ(LL): 0.035	E	-	-
HORZ(TL): 0.069	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.174
Max BC CSI: 0.206
Max Web CSI: 0.913

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	5283	/-	/-	/158	/-	/-
I	5273	/-	/-	/171	/-	/-

Wind reactions based on MWFRS
N Brg Wid = 3.5 Min Req = 2.2 (Truss)
I Brg Wid = 3.5 Min Req = 2.2 (Truss)
Bearings N & 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.
B - C	0	-2857	E - F	0	-1495
C - D	0	-2832	F - G	0	-690
D - E	0	-2213	G - H	0	-690

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	1954	0	L - K	1499	0
M - L	1911	0	K - J	1031	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - D	903	0	F - K	1978	0
D - L	0	-622	F - J	0	-1119
L - E	1521	0	J - H	2265	0
E - K	0	-1215	H - I	0	-2208

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x8 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.50" 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	68 plf at	-1.54 to	68 plf at	16.25
BC: From	6 plf at	-1.54 to	6 plf at	0.00
BC: From	10 plf at	0.00 to	10 plf at	16.25

BC: 1318 lb Conc. Load at 1.90, 3.90, 5.90, 7.90
BC: 975 lb Conc. Load at 9.90,11.90,13.90,15.23

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.

Blocking

Apply additional nailing over the following bearings with fasteners at 9" oc perpendicular to grain and 4" oc parallel to grain. In lieu of additional nailing, apply blocking reinforcement to prevent buckling of members over the bearings:
Bearing 1 located at 0.0' (blocking >= 5.50" if used)

Additional Notes

The overall height of this truss excluding overhang is 10-8-11.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabrication's truss layout.

COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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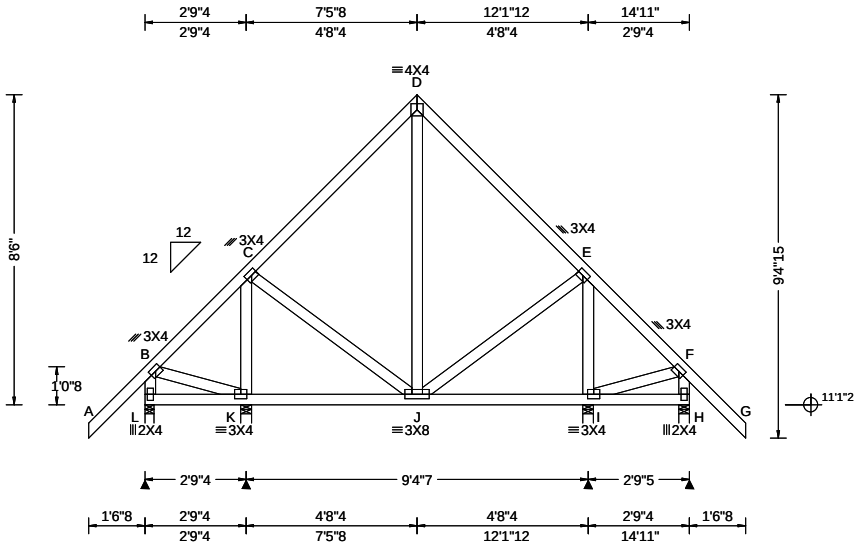
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719139 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HH1	Cust: R 215 JRef:1YGK2150001 T72 DrwNo: 006.26.0934.33329 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.09 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	D	999	360
VERT(CL): 0.006	D	999	240
HORZ(LL): 0.001	F	-	-
HORZ(TL): 0.002	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.239
Max BC CSI: 0.162
Max Web CSI: 0.125

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	287	/-	/-	/144	/12	/165
K	509	/-	/-	/372	/19	/-
I	374	/-	/-	/261	/-	/-
H	381	/-	/-	/160	/3	/-

Wind reactions based on MWFRS
L Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 3.5 Min Req = 1.5 (Truss)
I Brg Wid = 3.4 Min Req = 1.5 (Truss)
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings L, K, I, & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
K - C	120	-436

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.

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 8-6-0.

COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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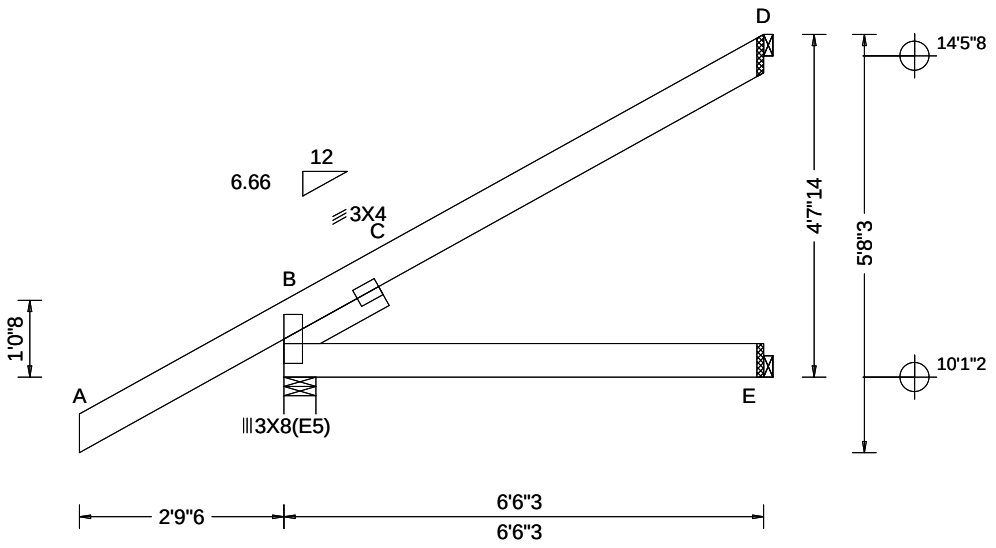
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718964 / HIP_ FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HJ1	Cust: R 215 JRef:1YGK2150001 T95 DrwNo: 006.26.0934.35705 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.014 C	-	-
HORZ(TL):	0.015 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.139
Max BC CSI: 0.112
Max Web CSI: 0.120

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	540	/-	/-	/-	/57	/-
E	126	/-	/-	/37	/-	/-
D	187	/-	/-	/-	/27	/-

Wind reactions based on MWFRS
B Brg Wid = 5.2 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
D Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord: 2x6 SP 2400f-2.0E;
Bot chord: 2x6 SP 2400f-2.0E;
Lt Slider: 2x4 SP #3; block length = 1.500'

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	63 plf at	-2.78 to	63 plf at	1.74
TC: From	31 plf at	1.74 to	31 plf at	4.15
TC: From	63 plf at	4.15 to	63 plf at	6.52
BC: From	5 plf at	-2.78 to	5 plf at	0.00
BC: From	10 plf at	0.00 to	10 plf at	4.15
BC: From	20 plf at	4.15 to	20 plf at	6.52

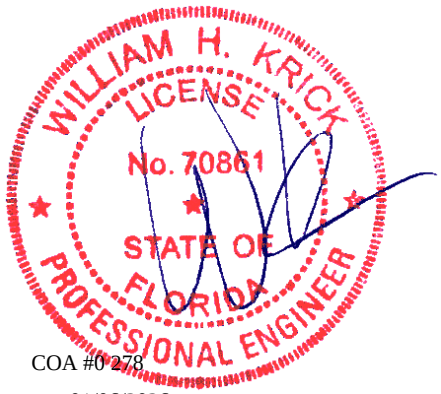
TC: -11 lb Conc. Load at 1.74
TC: 76 lb Conc. Load at 2.93
TC: 40 lb Conc. Load at 4.15
BC: 19 lb Conc. Load at 1.74
BC: 59 lb Conc. Load at 2.93
BC: 46 lb Conc. Load at 4.15

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 4-7-14.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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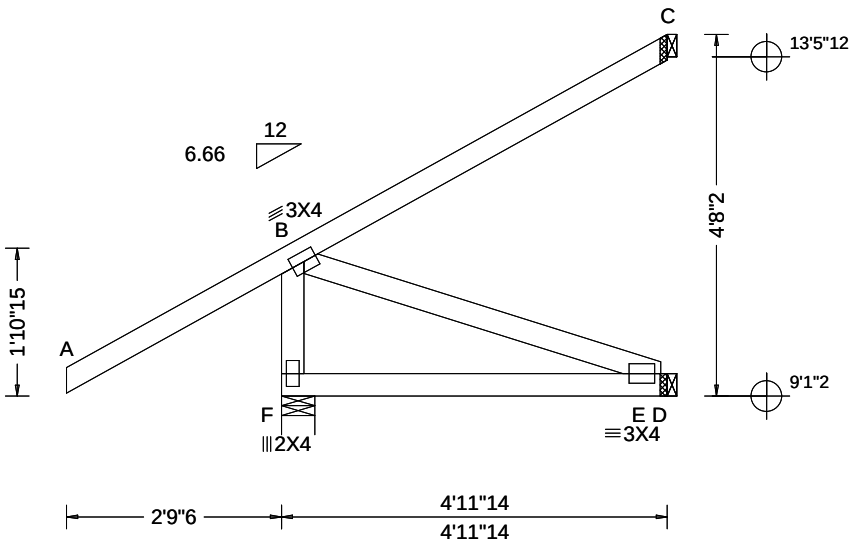
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719031 / HIP_ FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HJ2	Cust: R 215 JRef:1YGK2150001 T40 DrwNo: 006.26.0934.34272 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	E	999	360
VERT(CL): 0.004	E	999	240
HORZ(LL): 0.001	B	-	-
HORZ(TL): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.338
Max BC CSI: 0.276
Max Web CSI: 0.068

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	254	/-	/-	/3	/-	/-
D	99	/-	/-	/10	/-	/-
C	37	/-5	/-	/11	/-	/-

Wind reactions based on MWFRS
F Brg Wid = 5.2 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing F 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;

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	0 plf at	-2.78 to	63 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	4.99
BC: From	0 plf at	-2.78 to	5 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	4.99

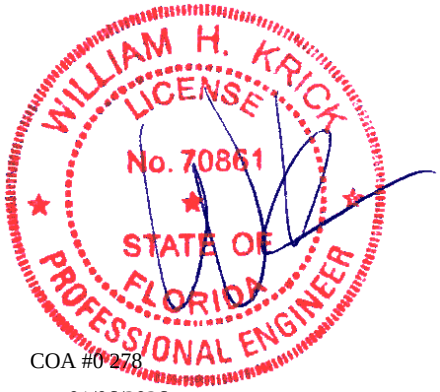
TC: 22 lb Conc. Load at 1.40
TC: -1 lb Conc. Load at 2.62
BC: 40 lb Conc. Load at 1.40
BC: 29 lb Conc. Load at 2.62

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 4-8-2.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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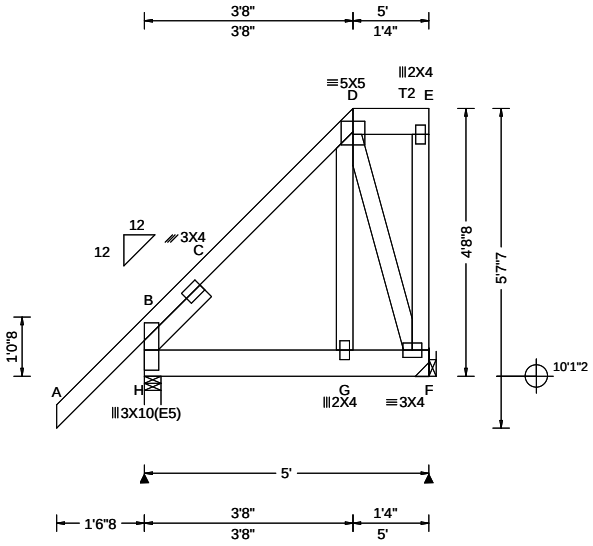
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718966 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HM1	Cust: R 215 JRef:1YGK2150001 T19 DrwNo: 006.26.0934.35276 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.005 C 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.010 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 C - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.010 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.224
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.082
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.211
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	VIEW Ver: 24.02.00D.0114.10
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	510	/-	/-	/-	/24	/-
F	652	/-	/-	/-	/19	/-

Wind reactions based on MWFRS
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
F Brg Wid = - Min Req = -
Bearing H is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	28	-377

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - F	22	-569

Lumber

Top chord: 2x4 SP #2; T2 2x6 SP #2;
Bot chord: 2x6 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.500'

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	68 plf at	-1.54 to	68 plf at	5.00
BC: From	6 plf at	-1.54 to	6 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.00

TC: 363 lb Conc. Load at 3.70
BC: 244 lb Conc. Load at 3.70

Wind

Wind loads and reactions based on MWFRS.

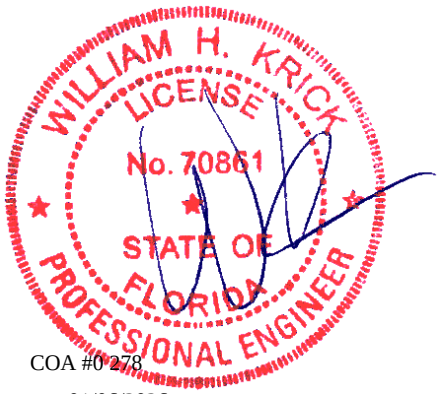
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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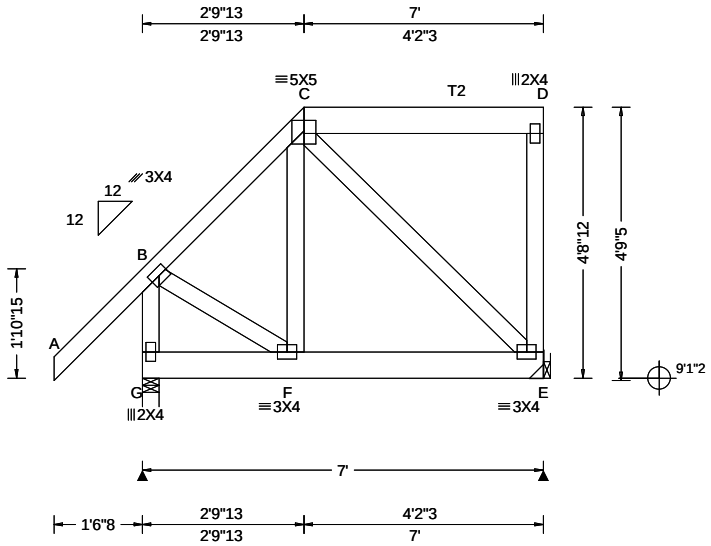
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719033 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HM2	Cust: R 215 JRef:1YGK2150001 T28 DrwNo: 006.26.0934.34441 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	F	999	360
VERT(CL): 0.008	F	999	240
HORZ(LL): 0.001	E	-	-
HORZ(TL): 0.001	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.337
Max BC CSI: 0.230
Max Web CSI: 0.272

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	713	/-	/-	/27	/-	/-
E	734	/-	/-	/59	/-	/-

Wind reactions based on MWFRS
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing G is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	0	-521

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	0	-725	C - E	0	-421

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	68 plf at	-1.54 to	68 plf at	2.82	
TC: From	34 plf at	2.82 to	34 plf at	7.00	
BC: From	6 plf at	-1.54 to	6 plf at	0.00	
BC: From	20 plf at	0.00 to	20 plf at	2.85	
BC: From	10 plf at	2.85 to	10 plf at	7.00	

TC: 181 lb Conc. Load at 2.85
TC: 160 lb Conc. Load at 4.88, 6.22
BC: 199 lb Conc. Load at 2.85
BC: 100 lb Conc. Load at 4.88, 6.22

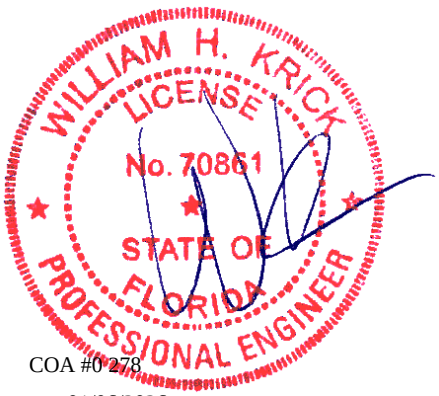
Wind

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 4-8-12.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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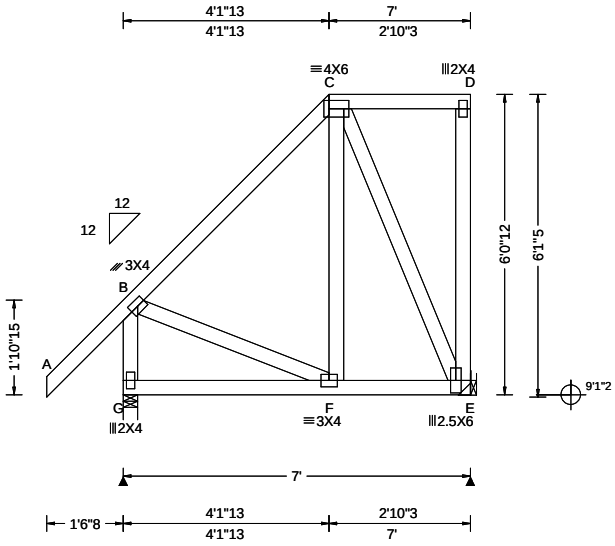
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719045 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HM3	Cust: R 215 JRef:1YGK2150001 T32 DrwNo: 006.26.0934.35403 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.002	F	999	360
VERT(CL):	0.004	F	999	240
HORZ(LL):	0.000	E	-	-
HORZ(TL):	0.002	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.253
Max BC CSI: 0.147
Max Web CSI: 0.152

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	436	/-	/-	/209	/-	/127
E	296	/-	/-	/191	/63	/-

Wind reactions based on MWFRS
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing G is a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - G	114	-400

Lumber

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

Wind

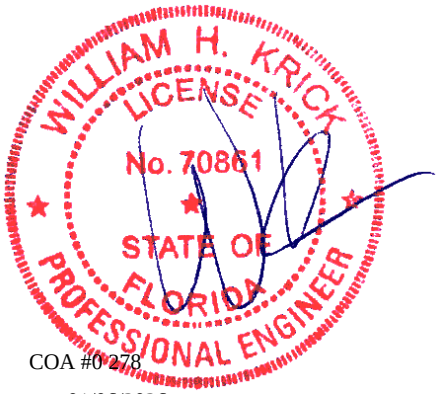
Wind loads based on MWFRS with additional C&C member design.

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 6-0-12.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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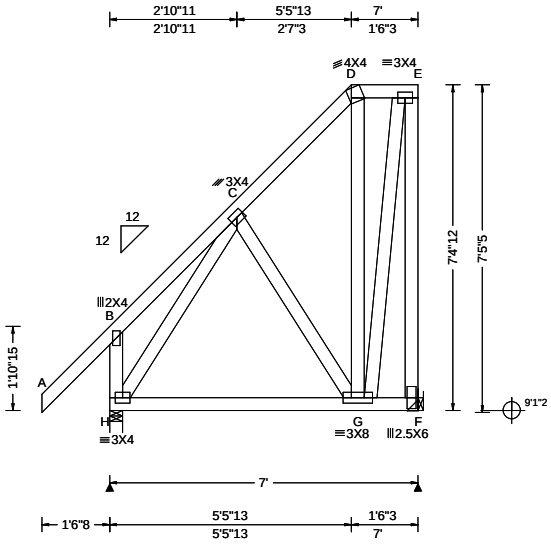
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719043 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HM4	Cust: R 215 JRef:1YGK2150001 T33 DrwNo: 006.26.0934.35572 SSB / WHK 01/06/2026



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**				
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in	loc	L/defl	L/#	
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL):	0.004 D	999	360	
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL):	0.008 D	999	240	
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	0.003 D	-	-	
Des Ld:	40.00	EXP: B Kzt: NA		HORZ(TL):	0.007 D	-	-	
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.233			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.255			
Spacing:	24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI:	0.311			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: not in 9.00 ft	Plate Type(s):					
		GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10				
		Wind Duration: 1.60						

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	436	/-	/-	/210	/-	/159
F	296	/-	/-	/226	/89	/-

Wind reactions based on MWFRS
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
F Brg Wid = - Min Req = -
Bearing H 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;

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 7-4-12.

COA #0 278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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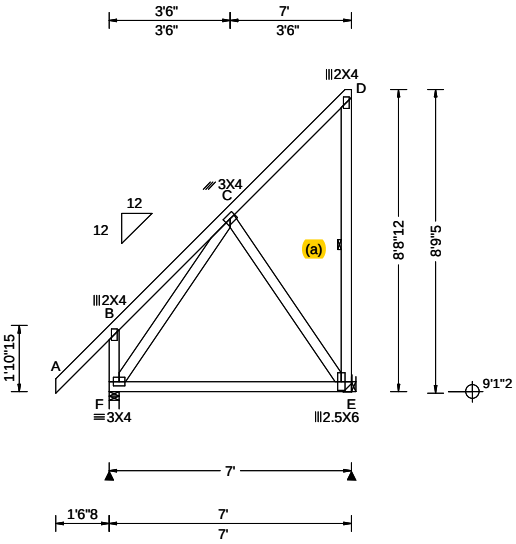
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719047 / HIPM FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** HM5	Cust: R 215 JRef:1YGK2150001 T34 DrwNo: 006.26.0934.34175 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	C	999	360
VERT(CL): 0.002	C	999	240
HORZ(LL): 0.001	E	-	-
HORZ(TL): 0.004	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.233
Max BC CSI: 0.559
Max Web CSI: 0.296

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	436	/-	/-	/211	/-	/192
E	297	/-	/-	/268	/120	/-

Wind reactions based on MWFRS
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing F is a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
F - C	19	-430

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

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 8-8-12.

COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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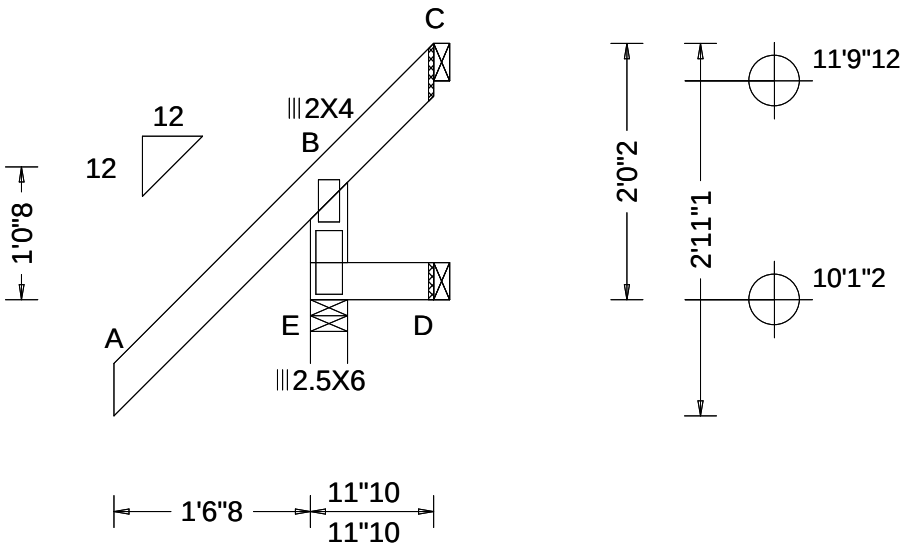
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718960 / JACK FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** J1	Cust: R 215 JRef:1YGK2150001 T21 DrwNo: 006.26.0934.34371 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.000	B	999	360
VERT(CL):	0.000	B	999	240
HORZ(LL):	0.000	B	-	-
HORZ(TL):	0.000	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.270
Max BC CSI: 0.009
Max Web CSI: 0.139

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	248	/-	/-	/82	/68	/-
D	19	/-	/-	/10	/-	/-
C	-	/-58	/-	/59	/7	/50

Wind reactions based on MWFRS
E Brg Wid = 3.5 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#

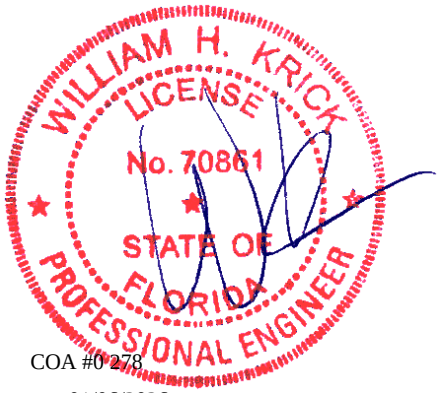
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	468	-238

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 2-0-2.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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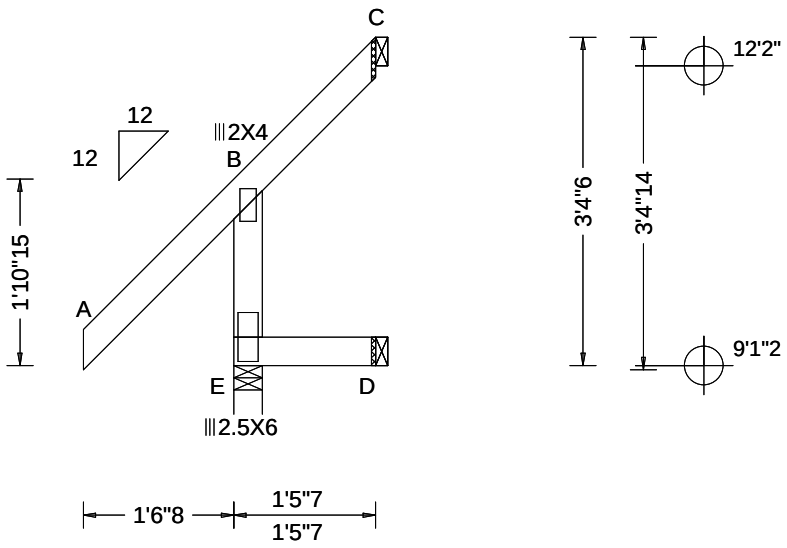
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719022 / JACK FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** J2	Cust: R 215 JRef:1YGK2150001 T36 DrwNo: 006.26.0934.33623 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	B	999	360
VERT(CL): 0.001	B	999	240
HORZ(LL): 0.000	B	-	-
HORZ(TL): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.261
Max BC CSI: 0.020
Max Web CSI: 0.126

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	239	/-	/-	/85	/66	/-
D	29	/-	/-	/15	/-	/-
C	-	/-11	/-	/55	/-	/62

Wind reactions based on MWFRS
E Brg Wid = 3.5 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#

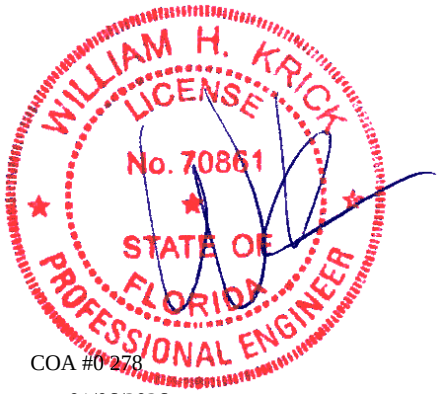
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	425	- 224

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 3-4-6.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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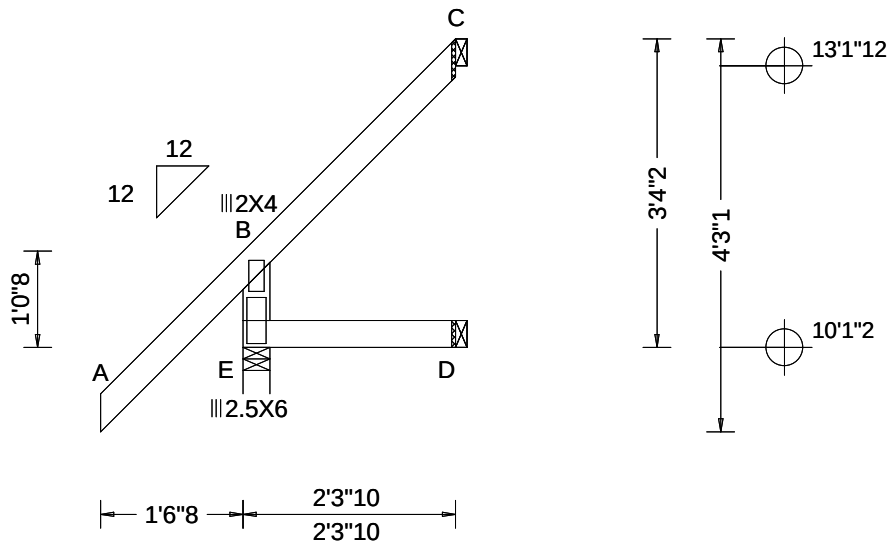
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718962 / JACK FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** J3	Cust: R 215 JRef:1YGK2150001 T20 DrwNo: 006.26.0934.34346 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	B	999	360
VERT(CL): 0.000	B	999	240
HORZ(LL): 0.000	B	-	-
HORZ(TL): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.279
Max BC CSI: 0.055
Max Web CSI: 0.127

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	254	/-	/-	/107	/70	/-
D	46	/-	/-	/23	/-	/-
C	40	/-	/-	/60	/-	/82

Wind reactions based on MWFRS
E Brg Wid = 3.5 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#

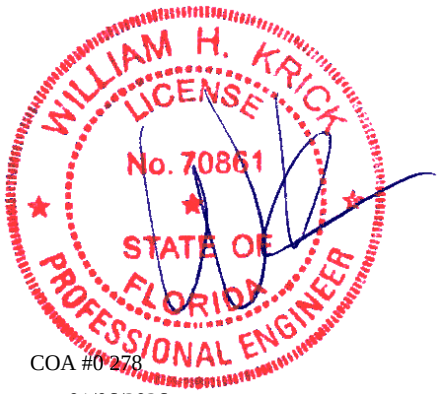
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	428	- 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 3-4-2.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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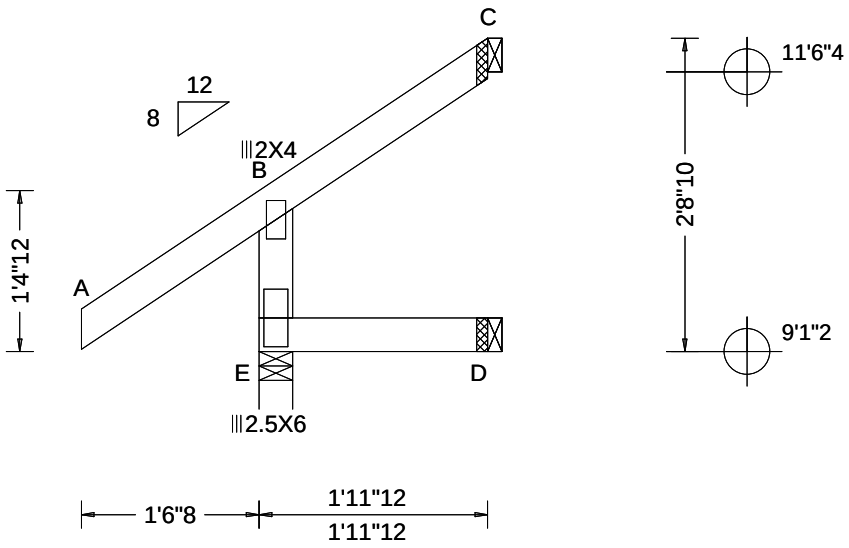
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719024 / JACK FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** J04	Cust: R 215 JRef:1YGK2150001 T37 DrwNo: 006.26.0934.35838 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
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: Enclosed Risk Category: II EXP: B 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): 0.000 B 999 360 VERT(CL): 0.000 B 999 240 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.201 Max BC CSI: 0.040 Max Web CSI: 0.094 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	231	/-	/-	/84	/42	/-
D	40	/-	/-	/20	/-	/-
C	22	/-	/-	/41	/-	/50

Wind reactions based on MWFRS
E Brg Wid = 3.5 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#

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 2-8-10.

COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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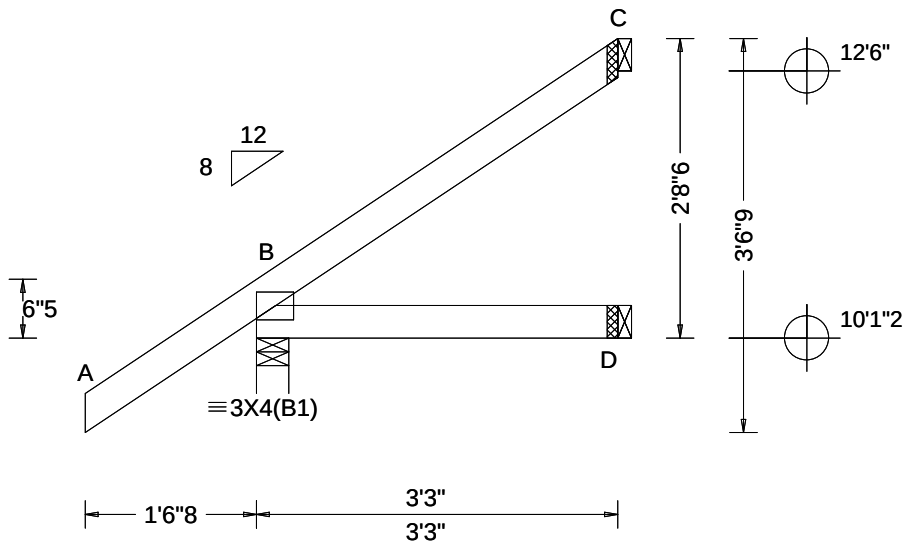
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718956 / JACK FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** J4	Cust: R 215 JRef:1YGK2150001 T23 DrwNo: 006.26.0934.35229 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): NA			
VERT(CL): NA			
HORZ(LL): -0.000	B	-	-
HORZ(TL): 0.001	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.193
Max BC CSI: 0.095
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	275	/-	/-	/113	/-	/70
D	59	/-	/-	/33	/-	/-
C	76	/-	/-	/57	/31	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 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;

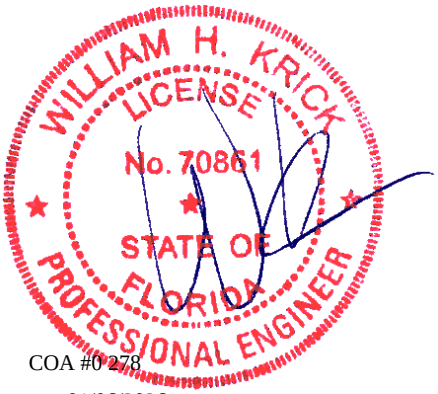
Wind

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 2-8-6.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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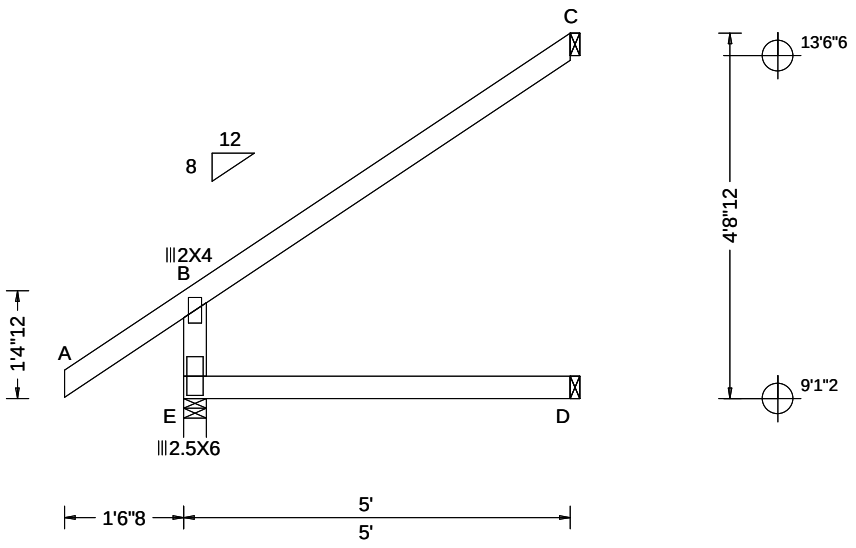
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719026 / EJAC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** J05	Cust: R 215 JRef:1YGK2150001 T38 DrwNo: 006.26.0934.35547 SSB / WHK 01/06/2026



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**				
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in	loc	L/defl	L/#	
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL):	0.000 B	999	360	
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL):	0.001 B	999	240	
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	0.000 B	-	-	
Des Ld:	40.00	EXP: B Kzt: NA		HORZ(TL):	0.001 B	-	-	
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.396			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.298			
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI:	0.115			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: Any	Plate Type(s):					
		GCpi: 0.18	WAVE					
		Wind Duration: 1.60		VIEW Ver: 24.02.00D.0114.10				

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	333	/-	/-	/161	/56	/-
D	100	/-	/-	/50	/-	/-
C	144	/-	/-	/80	/-	/98

Wind reactions based on MWFRS
E Brg Wid = 3.5 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	388	-283

Lumber

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

Wind

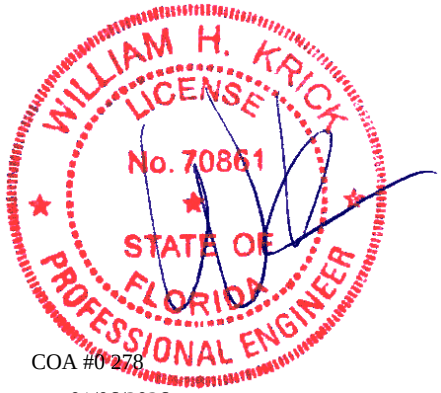
Wind loads based on MWFRS with additional C&C member design.

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 4-8-12.



COA #0 278

01/06/2026

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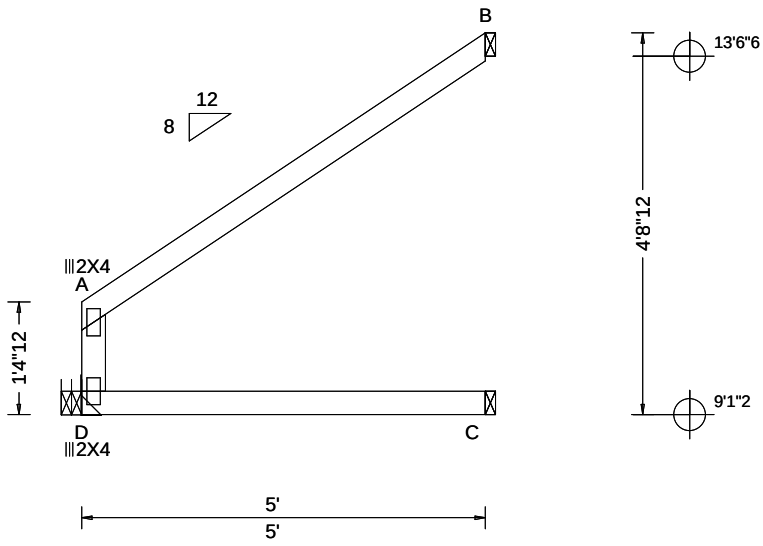
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719028 / EJAC FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** J06	Cust: R 215 JRef:1YGK2150001 T39 DrwNo: 006.26.0934.35302 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 A 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.000 A 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 A - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.000 A - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.491
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.298
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.049
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D	210	/-	/-	/147	/28	/-
C	100	/-	/-	/50	/-	/-
B	160	/-	/-	/75	/4	/78

Wind reactions based on MWFRS
D Brg Wid = - Min Req = -
C Brg Wid = 1.5 Min Req = -
B Brg Wid = 1.5 Min Req = -
Members not listed have forces less than 375#

Lumber

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

Wind

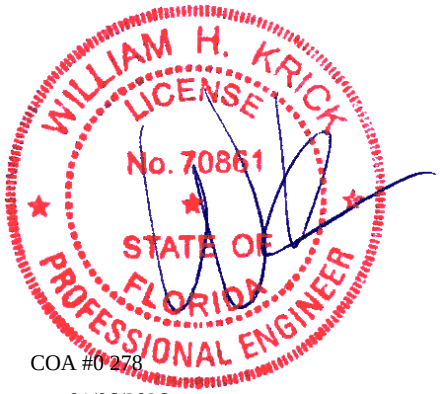
Wind loads based on MWFRS with additional C&C member design.

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 4-8-12.



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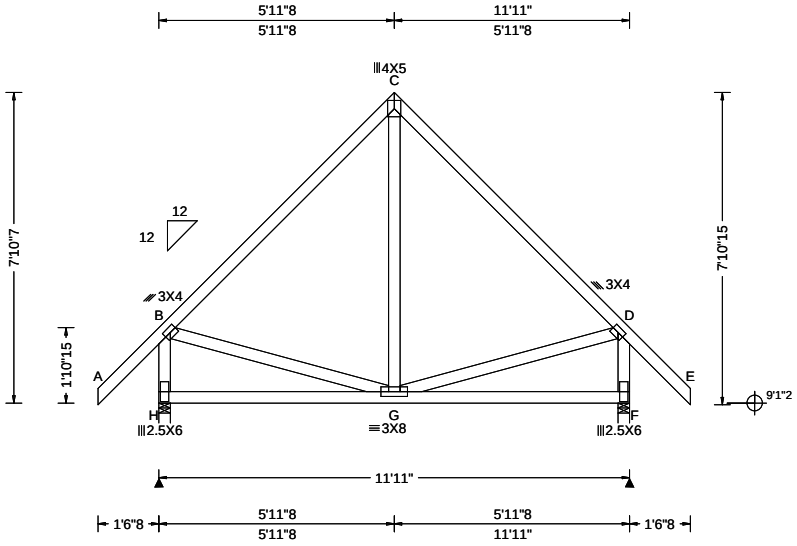
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719119 / SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** K1	Cust: R 215 JRef:1YGK2150001 T15 DrwNo: 006.26.0934.33818 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.004	G	999	360
VERT(CL):	0.009	G	999	240
HORZ(LL):	0.000	D	-	-
HORZ(TL):	0.002	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.437
Max BC CSI: 0.316
Max Web CSI: 0.134

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	640	/-	/-	/343	/4	/132
F	640	/-	/-	/343	/4	/-

Wind reactions based on MWFRS
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings H & 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	157	-466	C - D	157	-466

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	211	-592	D - F	211	-592

Lumber

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

Wind

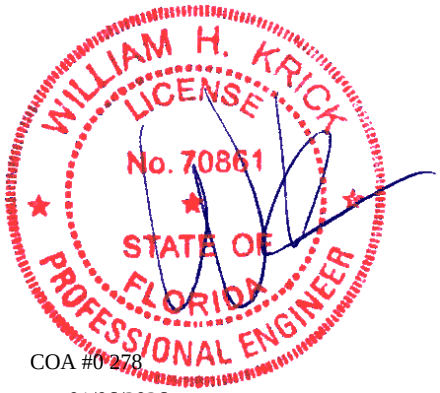
Wind loads based on MWFRS with additional C&C member design.

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 7-10-7.



COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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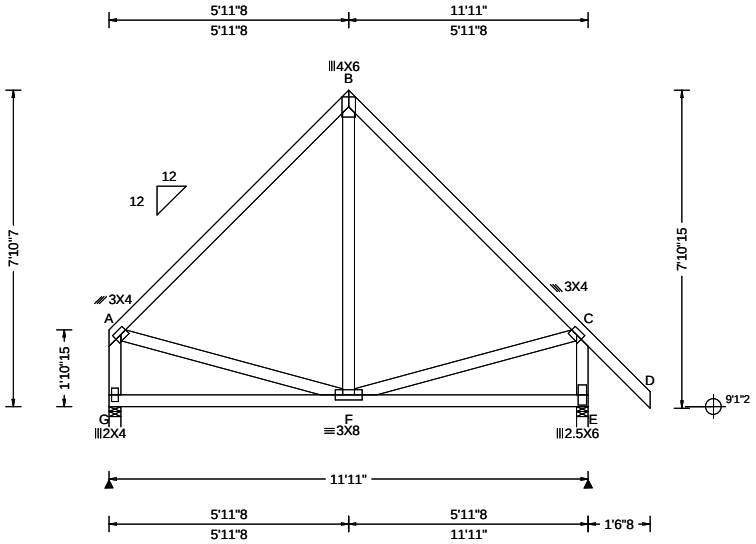
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719117 / COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** K2	Cust: R 215 JRef:1YGK2150001 T25 DrwNo: 006.26.0934.35132 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	F	999	360
VERT(CL): 0.009	F	999	240
HORZ(LL): 0.000	C	-	-
HORZ(TL): 0.004	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.488
Max BC CSI: 0.318
Max Web CSI: 0.183

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	519	/-	/-	/316	/-	/146
E	647	/-	/-	/346	/2	/-

Wind reactions based on MWFRS
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings G & 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.
A - B	145	-467	B - C	157	-475

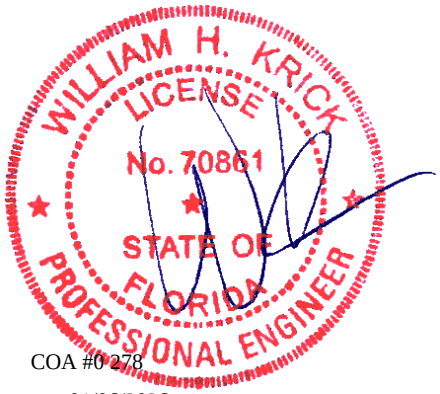
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - G	139	-471	C - E	208	-600

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.
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 7-10-7.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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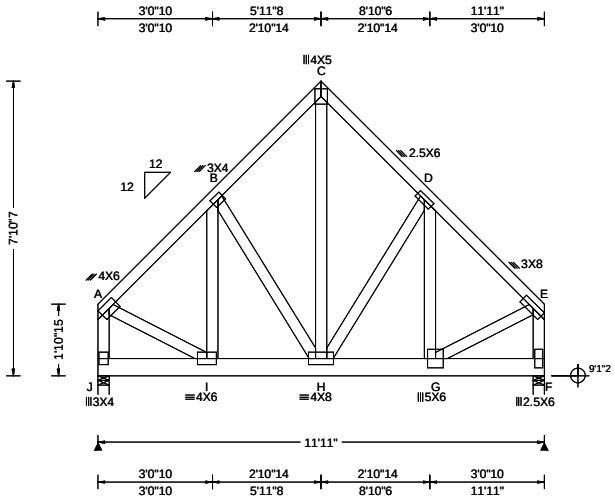
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719121 COMN FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** K3	Cust: R 215 JRef:1YGK2150001 T49 DrwNo: 006.26.1049.50940 SSB / WHK 01/06/2026	

2 Complete Trusses Required



Loading Criteria (psf)
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 Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.024	H	999	360
VERT(CL): 0.048	H	999	240
HORZ(LL): 0.013	B	-	-
HORZ(TL): 0.026	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.148
Max BC CSI: 0.179
Max Web CSI: 0.636

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	4152	/-	/-	/9	/-	/-
F	4271	/-	/-	/-	/205	/-

Wind reactions based on MWFRS
J Brg Wid = 3.5 Min Req = 1.7 (Truss)
F Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings J & 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.
A - B	4	-1643	C - D	13	-1292
B - C	13	-1292	D - E	70	-1772

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	1115	-1	H - G	1197	-43

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	6	-1760	H - D	70	-567
A - I	1263	0	D - G	723	-84
I - B	501	-8	G - E	1366	-51
B - H	0	-413	E - F	75	-1898
C - H	1668	0			

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.00" 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 68 plf at 0.00 to 68 plf at 11.92
BC: From 10 plf at 0.00 to 10 plf at 11.92
BC: 1378 lb Conc. Load at 1.35, 3.35
BC: 1014 lb Conc. Load at 5.35, 7.35
BC: 2288 lb Conc. Load at 9.35
BC: 210 lb Conc. Load at 10.20,11.53

Wind

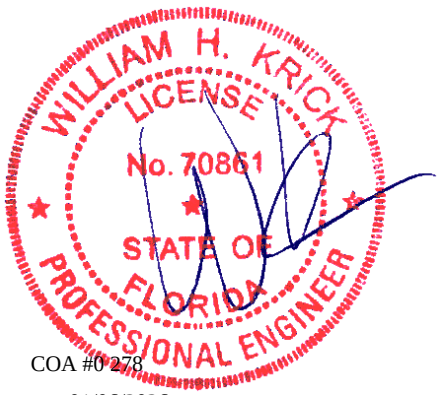
Wind loads and reactions based on MWFRS.

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 7-10-7.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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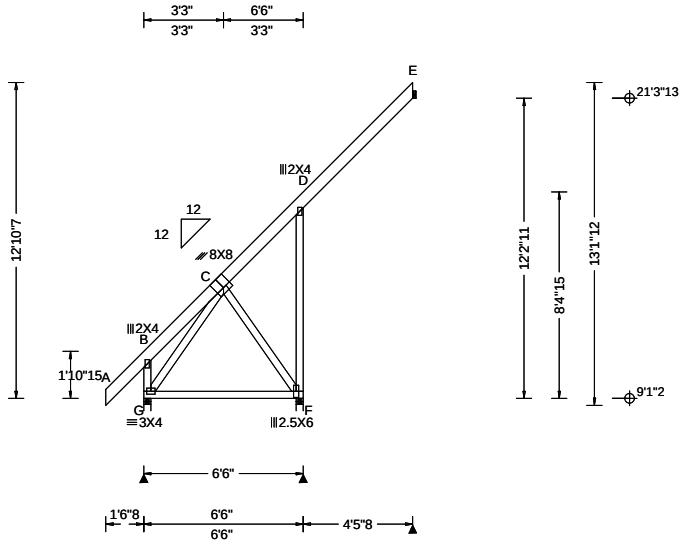
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719055 / MONO FROM: RFG	Ply: 1 Qty: 4	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** M1	Cust: R 215 JRef:1YGK2150001 T65 DrwNo: 006.26.0934.33540 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.71 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	D	999	360
VERT(CL): 0.004	D	999	240
HORZ(LL): 0.002	D	-	-
HORZ(TL): 0.005	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.053
Max BC CSI: 0.483
Max Web CSI: 0.368

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	404	/-	/-	/212	/13	/211
F	469	/-	/-	/424	/141	/-
E	130	/-	/-	/102	/40	/-

Wind reactions based on MWFRS
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
Bearings G & F are a rigid surface.
Members not listed have forces less than 375#

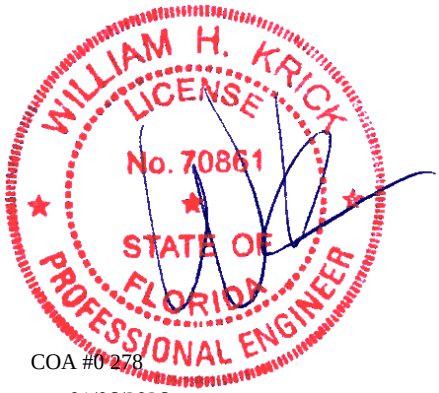
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
G - C	113	-563

Lumber
Top chord: 2x6 SP 2400f-2.0E;
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 12-10-7.



COA #0 278
01/06/2026
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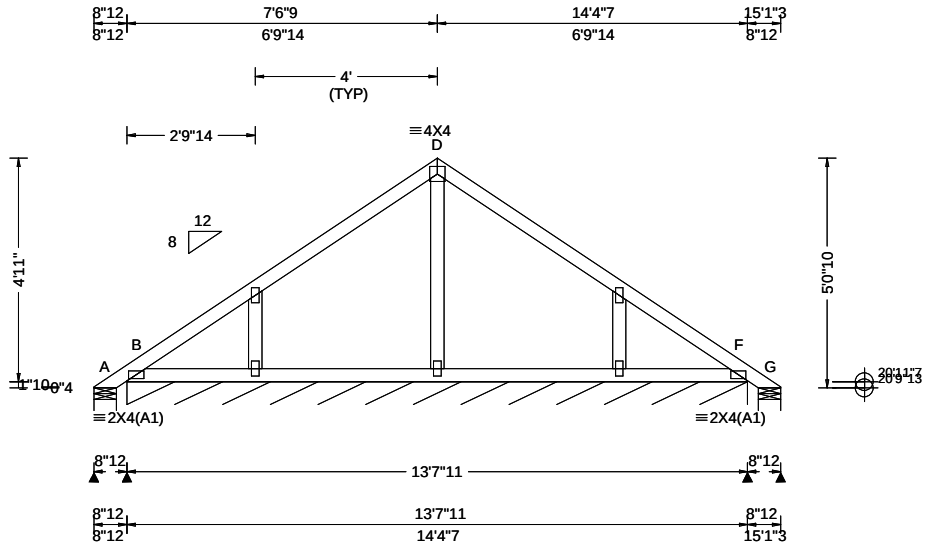
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719137 / COMN FROM: RFG	Ply: 1 Qty: 16	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P1	Cust: R 215 JRef:1YGK2150001 T6 DrwNo: 006.26.0934.34252 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.25 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 6.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	D	999	360
VERT(CL): 0.001	D	999	240
HORZ(LL): 0.000	C	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.210
Max BC CSI: 0.094
Max Web CSI: 0.073

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	19	/-	/-	/65	/53	/100
B*	91	/-	/-	/55	/2	/-
G	19	/-	/-	/9	/-	/-

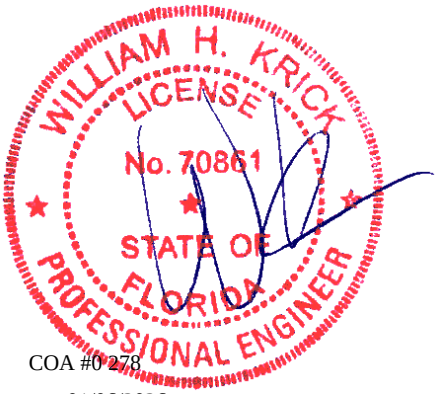
Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 163 Min Req = -
G Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & G are a rigid surface.
Members not listed have forces less than 375#

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

Plating Notes
All plates are 2X4 except as noted.

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 5-0-10.



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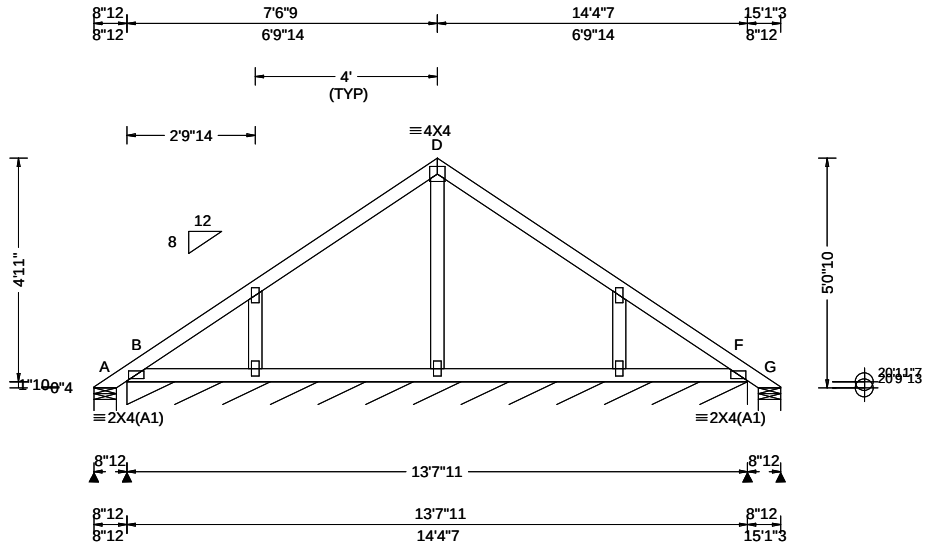
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718983 / COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P1A	Cust: R 215 JRef:1YGK2150001 T68 DrwNo: 006.26.0934.33593 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.25 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	D	999	360
VERT(CL): 0.001	D	999	240
HORZ(LL): 0.000	C	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.210
Max BC CSI: 0.094
Max Web CSI: 0.073

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	19	/-	/-	/62	/50	/95
B*	91	/-	/-	/54	/1	/-
G	19	/-	/-	/9	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 163 Min Req = -
G Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & G 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 except as noted.

Wind

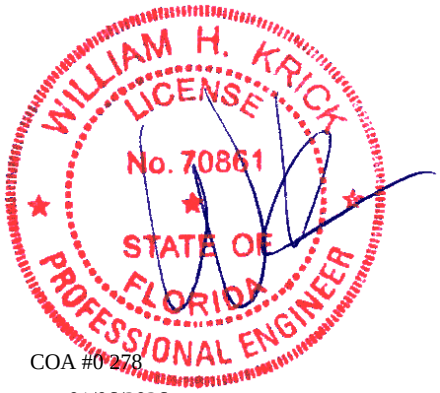
Wind loads based on MWFRS with additional C&C member design.

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 5-0-10.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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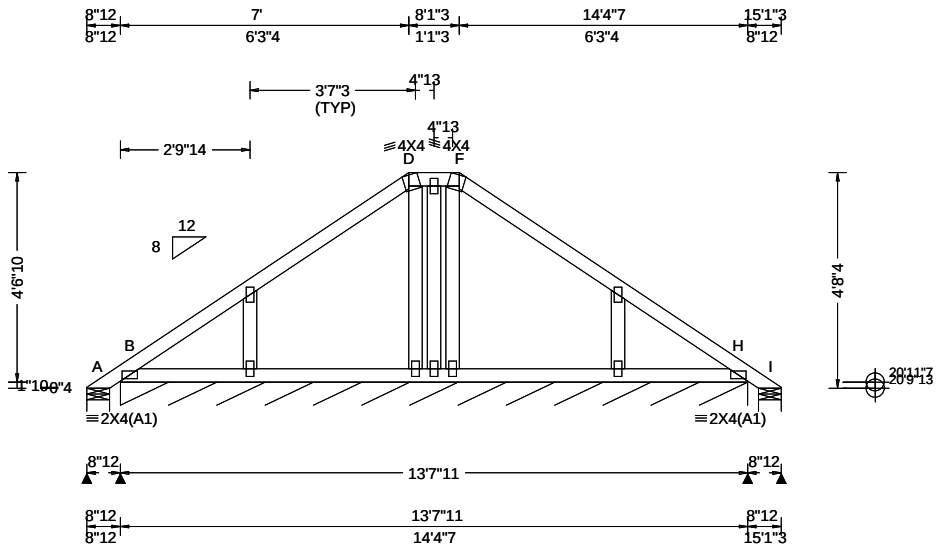
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719059 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P2	Cust: R 215 JRef:1YGK2150001 T3 DrwNo: 006.26.0934.34462 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.55 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	C	999	360
VERT(CL): 0.001	C	999	240
HORZ(LL): 0.000	C	-	-
HORZ(TL): 0.001	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.153
Max BC CSI: 0.062
Max Web CSI: 0.045

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	8	/-	/-	/56	/49	/88
B*	89	/-	/-	/51	/-	/-
I	8	/-	/-	/7	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 163 Min Req = -
I Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & I 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 except as noted.

Wind

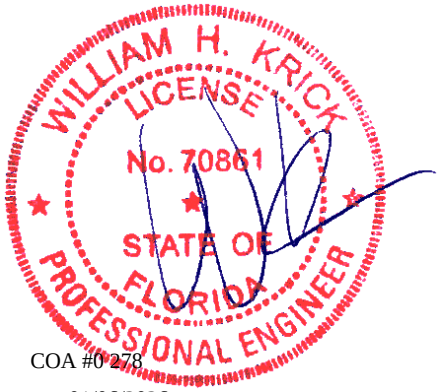
Wind loads based on MWFRS with additional C&C member design.

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 4-8-4.



COA #0278

01/06/2026

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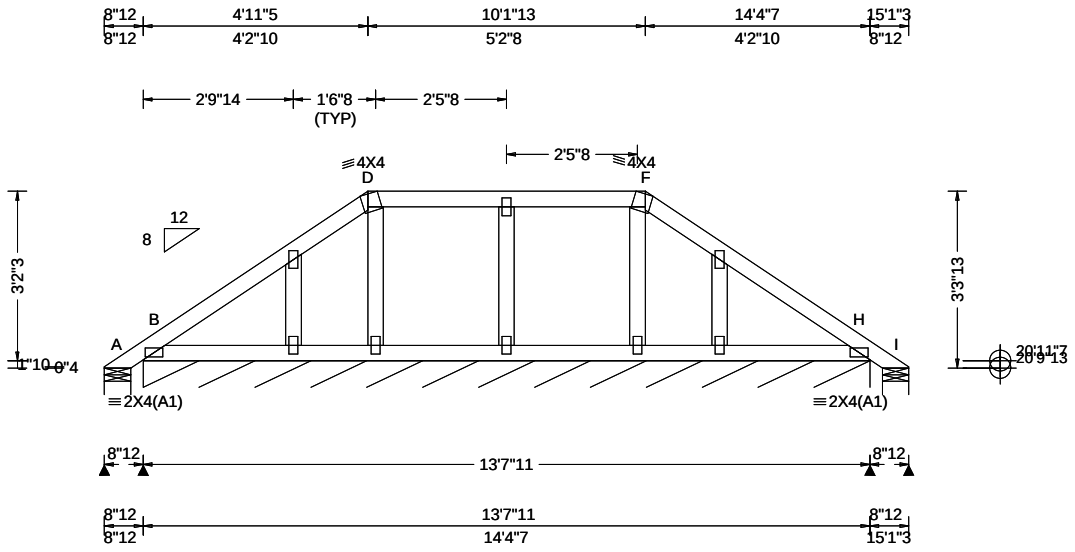
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718985 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P3	Cust: R 215 JRef:1YGK2150001 T11 DrwNo: 006.26.0934.34606 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.38 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	B	999	360
VERT(CL): 0.001	B	999	240
HORZ(LL): 0.000	B	-	-
HORZ(TL): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.095
Max BC CSI: 0.041
Max Web CSI: 0.047

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-10	/-	/40	/43	/61
B*	95	/-	/-	/53	/3	/-
I	-	/-10	/-	/8	/9	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 163 Min Req = -
I Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & I 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 except as noted.

Wind

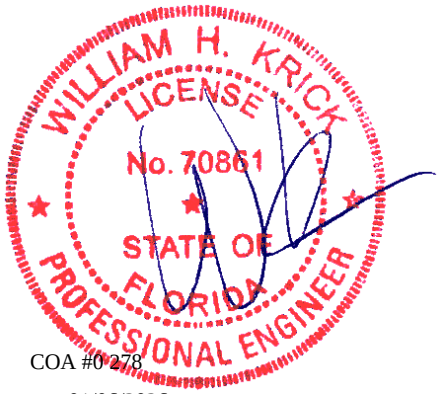
Wind loads based on MWFRS with additional C&C member design.

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 3-3-13.



COA #0 278
01/06/2026
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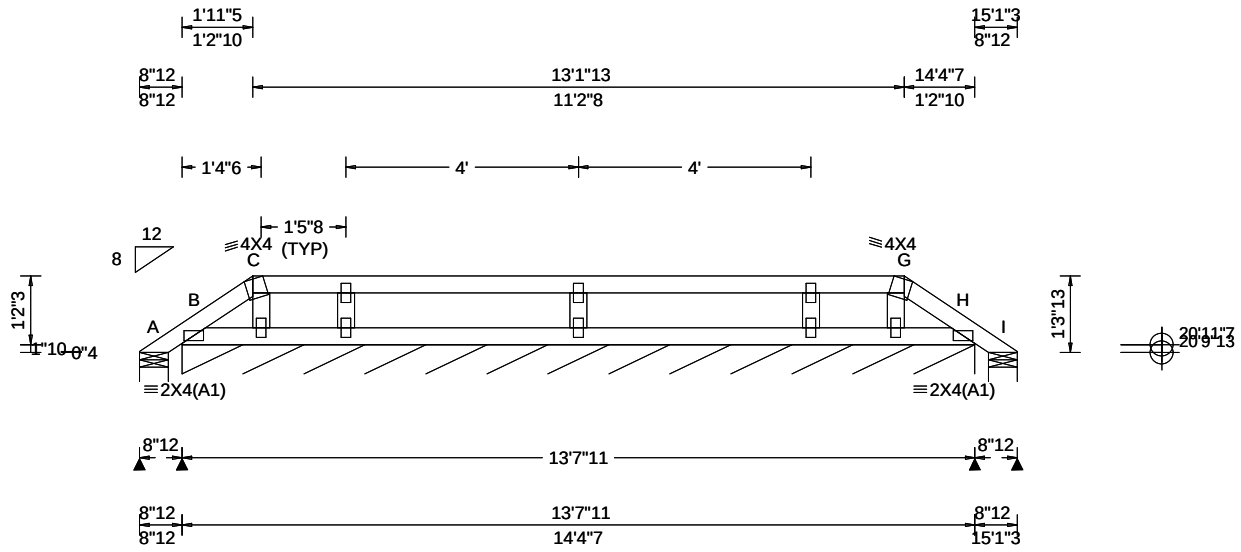
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718987 / HIPS FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P4	Cust: R 215 JRef:1YGK2150001 T17 DrwNo: 006.26.0934.33488 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.38 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	E	999	360
VERT(CL): 0.000	E	999	240
HORZ(LL): 0.000	B	-	-
HORZ(TL): 0.000	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.185
Max BC CSI: 0.081
Max Web CSI: 0.050

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	21	/-	/-	/21	/7	/22
B*	87	/-	/-	/44	/4	/-
I	21	/-	/-	/14	/2	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 163 Min Req = -
I Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & I 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 except as noted.

Wind

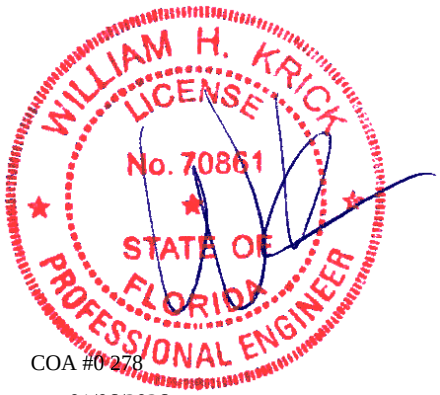
Wind loads based on MWFRS with additional C&C member design.

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 1-3-13.



COA #0278
01/06/2026
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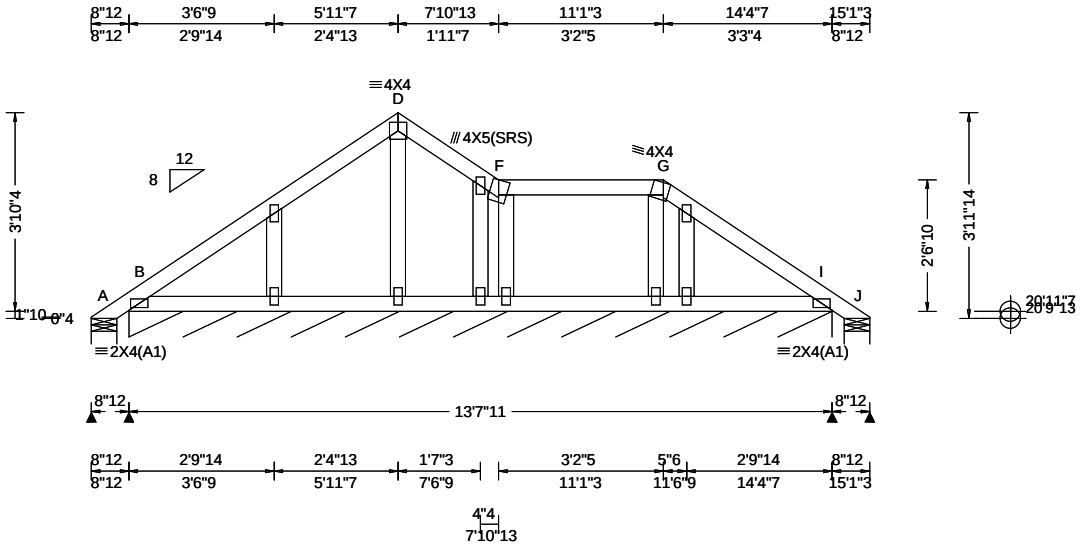
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719131 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P5	Cust: R 215 JRef:1YGK2150001 T10 DrwNo: 006.26.0934.33979 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.71 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	F	999	360
VERT(CL): 0.001	I	999	240
HORZ(LL): -0.000	I	-	-
HORZ(TL): 0.002	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.140
Max BC CSI: 0.042
Max Web CSI: 0.035

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-5	/-	/48	/47	/74
B*	91	/-	/-	/51	/4	/-
J	-	/-12	/-	/9	/11	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 163 Min Req = -
J Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & J 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 except as noted.

Wind

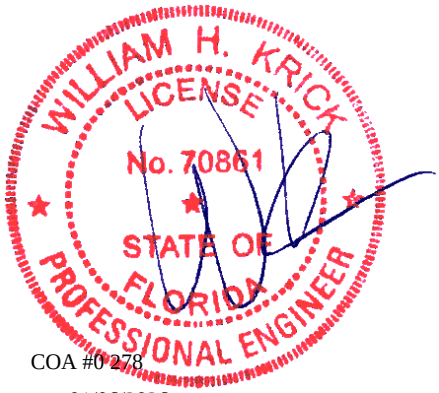
Wind loads based on MWFRS with additional C&C member design.

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 3-11-14.



COA #0278
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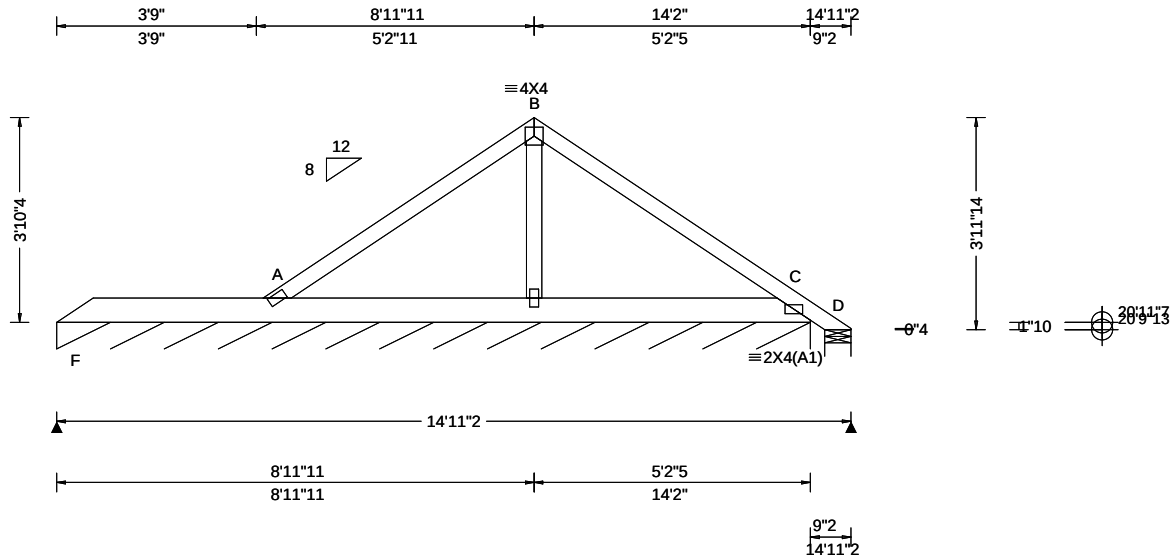
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719063 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P6	Cust: R 215 JRef:1YGK2150001 T13 DrwNo: 006.26.0934.35484 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.71 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.04 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	-	-	360
VERT(CL): 0.000	-	-	240
HORZ(LL): -0.000	F	-	-
HORZ(TL): 0.000	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.413
Max BC CSI: 0.159
Max Web CSI: 0.049

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F*	70	/-	/-	/70	/-	/-
D	-	/-49	/-	/-	/37	/-

Wind reactions based on MWFRS
F Brg Wid = 170 Min Req = -
D Brg Wid = 5.9 Min Req = 1.5
Bearings F & D are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

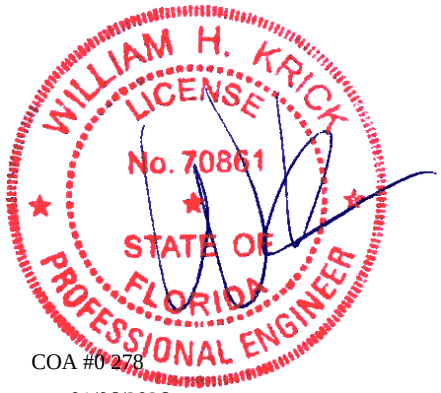
Wind loads based on MWFRS with additional C&C member design.

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 6-7-2.



COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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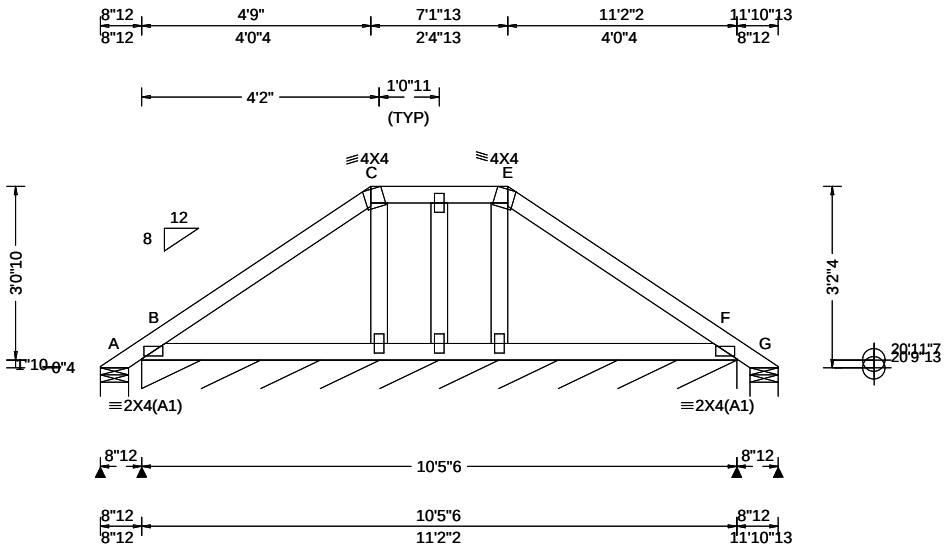
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719065 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P7	Cust: R 215 JRef:1YGK2150001 T42 DrwNo: 006.26.0934.33412 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.31 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	B	999	360
VERT(CL): 0.003	B	999	240
HORZ(LL): 0.001	B	-	-
HORZ(TL): 0.002	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.180
Max BC CSI: 0.092
Max Web CSI: 0.020

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-97	/-	/53	/101	/59
B*	111	/-	/-	/60	/9	/-
G	-	/-97	/-	/31	/68	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 125 Min Req = -
G Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & G 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 except as noted.

Wind

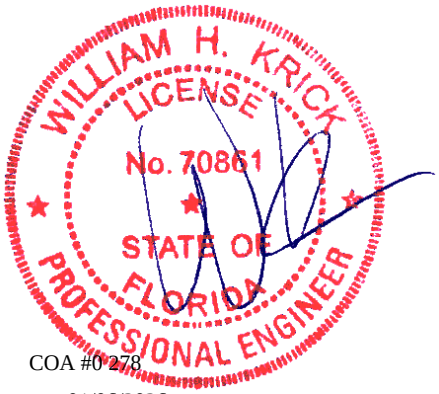
Wind loads based on MWFRS with additional C&C member design.

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 3-2-4.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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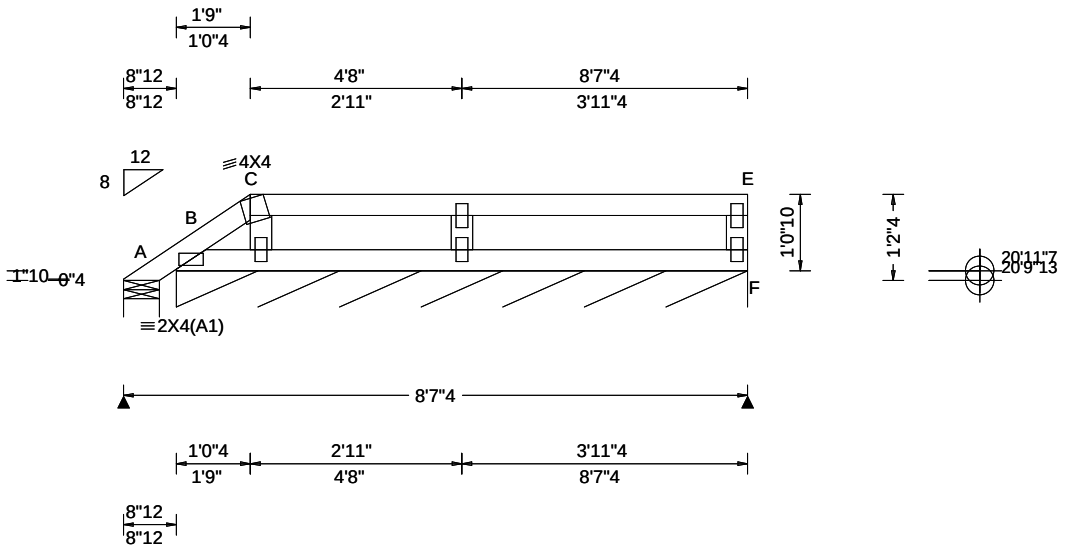
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719067 / COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P8	Cust: R 215 JRef:1YGK2150001 T30 DrwNo: 006.26.0934.34703 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.31 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	-	-	360
VERT(CL): 0.000	-	-	240
HORZ(LL): 0.000	-	-	-
HORZ(TL): 0.000	-	-	-

Creep Factor: 2.0
Max TC CSI: 0.180
Max BC CSI: 0.159
Max Web CSI: 0.055

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	24	/-	/-	/15	/-	/25
B*	86	/-	/-	/65	/-	/-

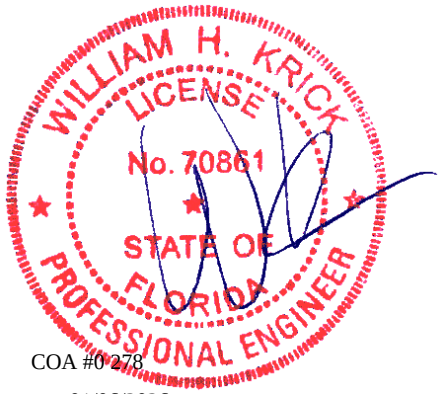
Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 94.5 Min Req = -
Bearings A & B are a rigid surface.
Members not listed have forces less than 375#

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

Plating Notes
All plates are 2X4 except as noted.

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical not exposed to wind pressure.
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 1-2-4.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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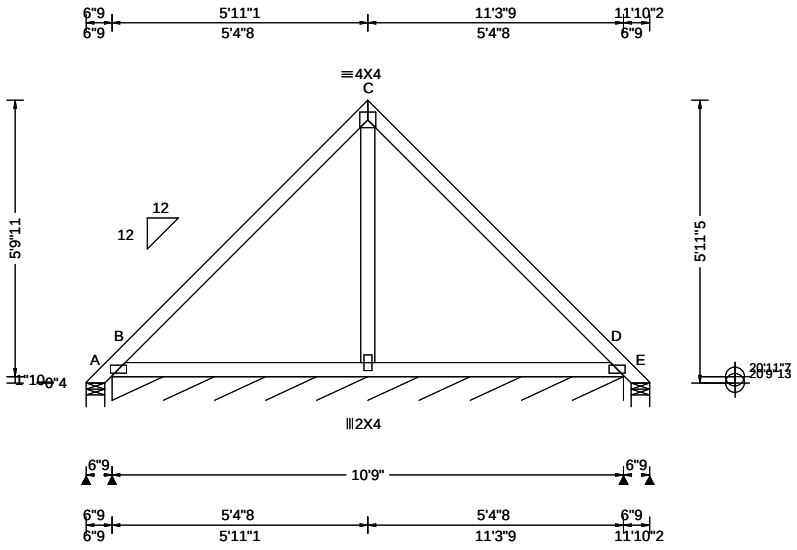
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719089 / COMN FROM: RFG	Ply: 1 Qty: 7	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P9	Cust: R 215 JRef:1YGK2150001 T67 DrwNo: 006.26.0934.33442 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.18 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	B	999	360
VERT(CL): 0.002	B	999	240
HORZ(LL): 0.001	B	-	-
HORZ(TL): 0.003	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.393
Max BC CSI: 0.188
Max Web CSI: 0.044

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-327	/-	/209	/379	/127
B*	154	/-	/-	/94	/38	/-
E	-	/-324	/-	/185	/285	/-
B		/-154				

Wind reactions based on MWFRS
A Brg Wid = 4.7 Min Req = 1.5 (Truss)
B Brg Wid = 128 Min Req = -
E Brg Wid = 4.7 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.

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

Additional Notes
Negative reaction(s) of -327# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.
Refer to DWG PB160220723 for piggyback details.
The overall height of this truss excluding overhang is 5-11-5.

COA #0 278
01/06/2026
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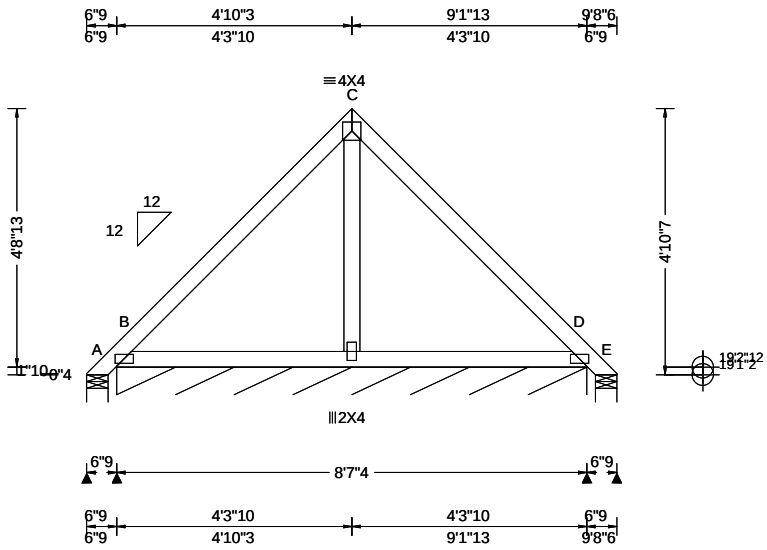
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719134 / COMN FROM: RFG	Ply: 1 Qty: 12	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P10	Cust: R 215 JRef:1YGK2150001 T57 DrwNo: 006.26.0934.34072 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.71 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.000	B	999	360
VERT(CL):	0.001	B	999	240
HORZ(LL):	0.001	B	-	-
HORZ(TL):	0.002	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.236
Max BC CSI: 0.118
Max Web CSI: 0.029

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-178	/-	/145	/238	/102
B*	137	/-	/-	/85	/25	/-
E	-	/-178	/-	/103	/162	/-

Wind reactions based on MWFRS
A Brg Wid = 4.7 Min Req = 1.5 (Truss)
B Brg Wid = 103 Min Req = -
E Brg Wid = 4.7 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.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -178# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is 4-10-7.

COA #0 278
01/06/2026
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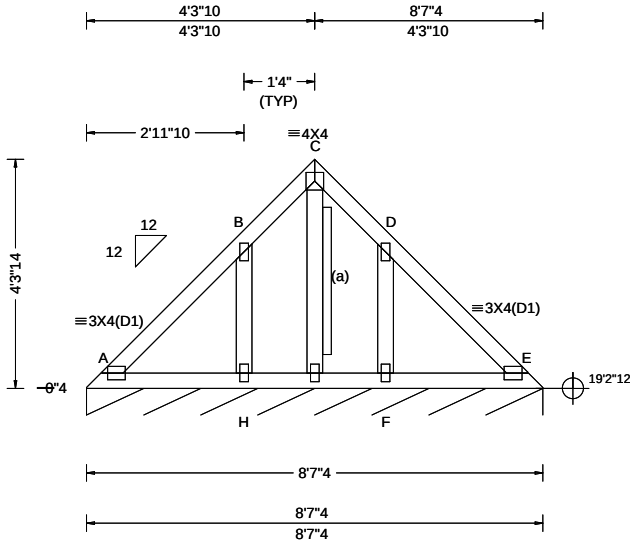
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718900 / GABL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** P10E	Cust: R 215 JRef:1YGK2150001 T47 DrwNo: 006.26.0934.33860 SSB / WHK 01/06/2026



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.71 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	A	999	360
VERT(CL): 0.007	A	999	240
HORZ(LL): 0.001	A	-	-
HORZ(TL): 0.003	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.186
Max BC CSI: 0.134
Max Web CSI: 0.855

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A*	171	/-	/-	/46	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 103 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B - H	0	-396	F - D	0	-396

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

Plating Notes
All plates are 2X4 except as noted.

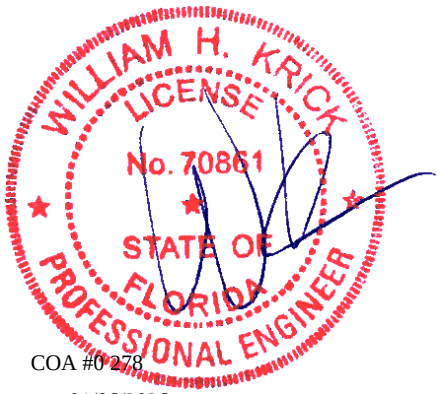
Loading
Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins
In lieu of structural panels use purlins to brace 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.
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/392.

Gable Reinforcement
(a) 2x4 SP/DF #2 or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

Additional Notes
Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.
Refer to DWG PB160220723 for piggyback details.
The overall height of this truss excluding overhang is 4-5-8.



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01/06/2026
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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

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155 Harlem Ave
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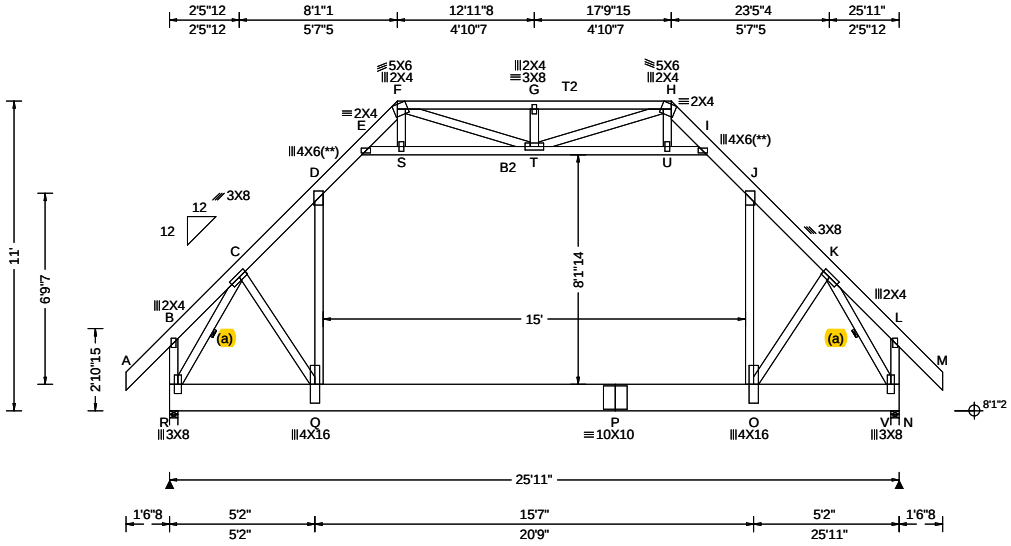
Glenview, IL 60025

SEQN: 718868 / ATIC FROM: RFG	Ply: 1 Qty: 8	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T1	Cust: R 215 JRef:1YGK2150001 T58 DrwNo: 006.26.0934.35142 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.71 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.074	O	999	360
VERT(CL): 0.170	O	999	240
HORZ(LL): 0.078	D	-	-
HORZ(TL): 0.178	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.779
Max BC CSI: 0.332
Max Web CSI: 0.553

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	2321	/-	/-	/681	/-	/254
V	2321	/-	/-	/681	/-	/-

Wind reactions based on MWFRS
R Brg Wid = 3.5 Min Req = 1.9 (Truss)
V Brg Wid = 3.5 Min Req = 1.9 (Truss)
Bearings R & V 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.
C - D	105	-2365	G - H	200	-812
D - E	145	-1557	H - I	68	-619
E - F	68	-620	I - J	145	-1557
F - G	200	-812	J - K	105	-2366

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1225	-52	P - O	1492	0
Q - P	1492	0	O - N	1226	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
R - C	0	-2633	T - U	145	-1408
C - Q	489	-48	T - H	687	-63
D - Q	1101	-39	U - I	148	-1451
E - S	148	-1451	O - J	1103	-38
F - T	687	-63	O - K	488	-48
S - T	145	-1409	K - N	0	-2633

Lumber
Top chord: 2x6 SP #2; T2 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E; B2 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing
(a) Continuous lateral restraint equally spaced on member.

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

Loading
Attic room loading from 5-5-8 to 20-5-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

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

Wind
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 11-0-0.

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01/06/2026
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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

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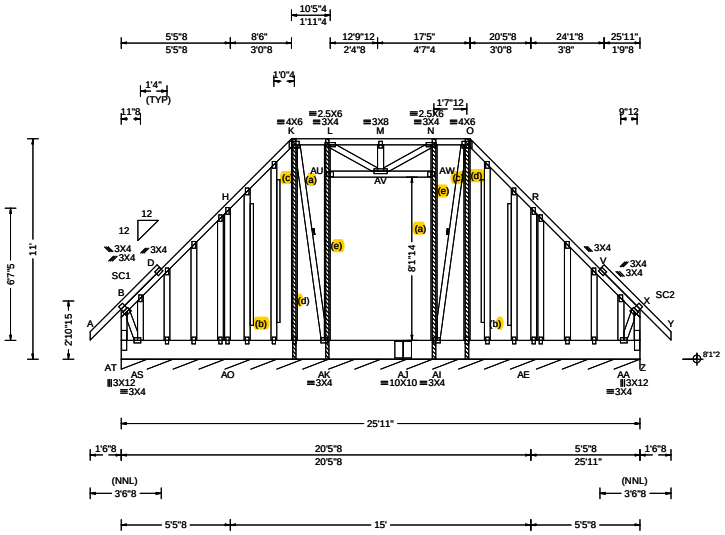
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718875 / GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T1E	Cust: R 215 JRef:1YGK2150001 T59 DrwNo: 006.26.0934.34570 SSB / WHK 01/06/2026



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria			
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA	Ct: NA	CAT: NA	PP Deflection in	loc	L/defl	L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA		Ce: NA	VERT(LL): 0.007	M	999	360
BCLL:	0.00	Enclosure: Enclosed	Lu: NA	Cs: NA		VERT(CL): 0.019	M	999	240
BCDL:	10.00	Risk Category: II	Snow Duration: NA			HORZ(LL): 0.001	W	-	-
Des Ld:	40.00	EXP: B Kzt: NA				HORZ(TL): 0.010	Q	-	-
NCBCLL:	10.00	Mean Height: 16.71 ft	Building Code:			Creep Factor: 2.0			
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.			Max TC CSI: 0.357			
Load Duration: 1.25		BCDL: 5.0 psf	TPI Std: 2014			Max BC CSI: 0.004			
Spacing: 24.0 "		MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case			Max Web CSI: 0.998			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)						
		Loc. from endwall: Any	Plate Type(s):						
		GCpi: 0.18	WAVE						
		Wind Duration: 1.60				VIEW Ver: 24.02.00D.0114.10			

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AT*	172	/-	/-	/65	/-	/10

Wind reactions based on MWFRS
AT Brg Wid = 311 Min Req = -
Bearing AT is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
H - K	379	- 49

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B -AS	383	- 286	AV- N	410	- 29
L -AV	410	- 29	AA- X	390	- 289
M -AV	34	- 453			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B -AT	324	- 489	N -AW	12	- 639
AK-AU	14	- 644	AW-AI	14	- 644
AU- L	12	- 639	X - Z	327	- 494

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

In lieu of structural panels use purlins to brace all sloping TC @ 24" oc; all flat TC @ 0" 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.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/245.

Additional Notes

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

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

COA #0 278

01/06/2026

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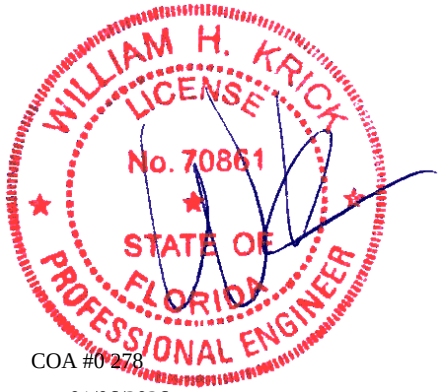
Gable Reinforcement

(b) 2x3 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(d) 2x4 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(e) 2x6 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.

The perimeter of the gable face exposed to lateral wind loads shall be restrained. Connections to and the design of diaphragms is the responsibility of the Building Designer per ANSI/TPI 1.



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01/06/2026

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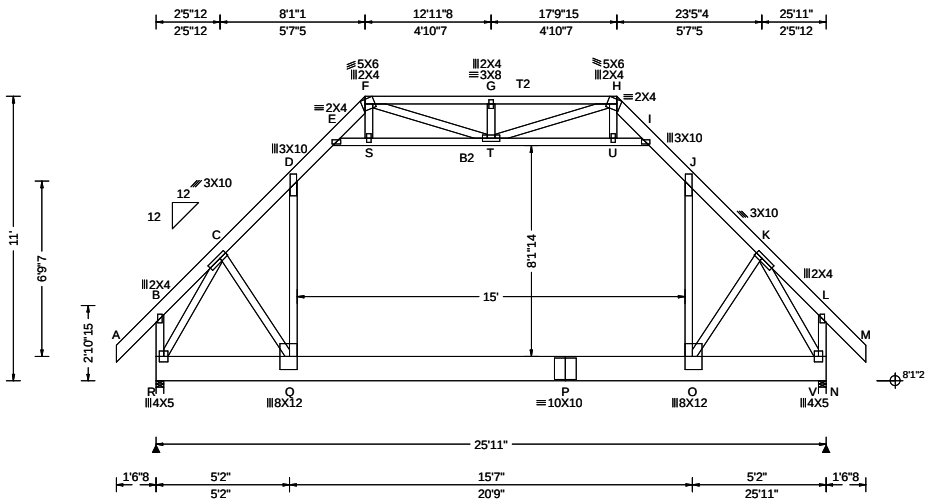
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719716 ATIC FROM: RFG	Ply: 3 Qty: 2	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T2		Cust: R 215 JRef:1YGK2150001 T63 DrwNo: 006.26.1049.48333 SSB / WHK 01/06/2026	

3 Complete Trusses Required



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	0.00
Soffit:	2.00
Load Duration:	1.00
Spacing:	24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.135	O	999	360
VERT(CL): 0.152	O	999	240
HORZ(LL): 0.127	D	-	-
HORZ(TL): 0.142	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.469
Max BC CSI: 0.418
Max Web CSI: 0.973

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	6399	/-	/-	/-	/12	/-
V	6413	/-	/-	/-	/12	/-

Wind reactions based on MWFRS
R Brg Wid = 3.5 Min Req = 1.8 (Truss)
V Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings R & V 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.
C - D	0	-2301	I - J	15	-1173
D - E	15	-1174	J - K	0	-2304

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1179	0	P - O	1423	0
Q - P	1423	0	O - N	1180	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
R - C	0	-2530	T - U	0	-1742
C - Q	445	0	U - I	0	-1781
D - Q	1533	0	O - J	1538	0
E - S	0	-1785	O - K	443	0
S - T	0	-1745	K - N	0	-2533

Lumber

Top chord: 2x6 SP 2400f-2.0E; T2 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E; B2 2x4 SP #2;
Webs: 2x4 SP #3;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 9.25" o.c.
Bot Chord: 1 Row @ 3.50" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Purlins

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

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 11-0-0.

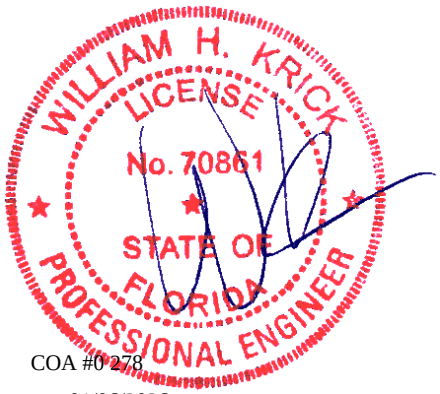
It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.

Special loads

------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	68 plf at	-1.54 to	68 plf at	27.46
PLT: From	28 plf at	5.46 to	28 plf at	6.83
PLT: From	20 plf at	6.83 to	20 plf at	19.09
PLT: From	28 plf at	19.09 to	28 plf at	20.46
PLT: From	100 plf at	5.46 to	100 plf at	20.46
BC: From	6 plf at	-1.54 to	6 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	25.92
BC: From	6 plf at	25.92 to	6 plf at	27.46

BC: 430 lb Conc. Load at 1.40, 2.73, 4.06, 5.40 6.73, 8.06, 9.40,10.73,12.06,13.40,13.85,15.19 16.52,17.85,19.19,20.52,21.85,23.19,24.52
BC: 136 lb Conc. Load at 5.46,20.46



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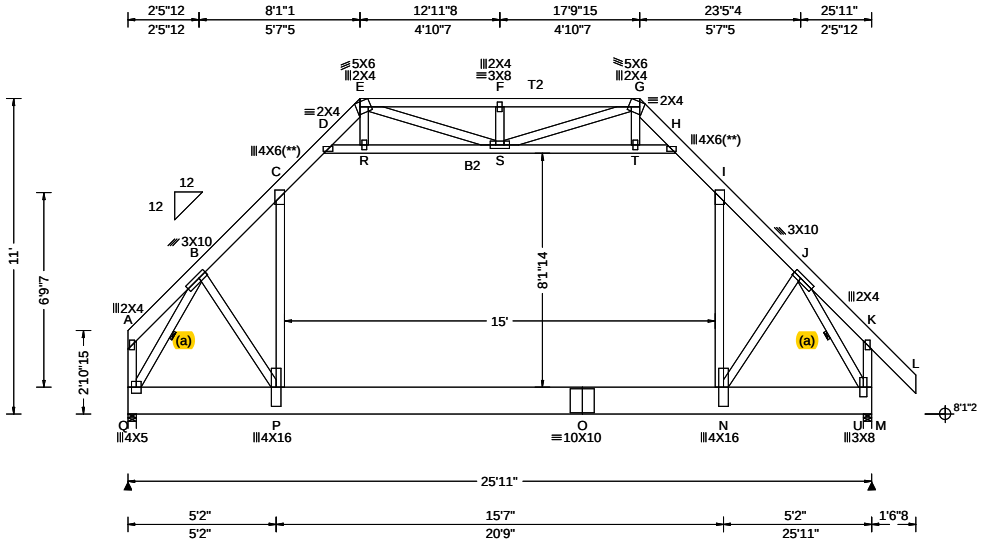
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718879 / ATIC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T3	Cust: R 215 JRef:1YGK2150001 T51 DrwNo: 006.26.0934.34032 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.71 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.075	N	999	360
VERT(CL): 0.171	P	999	240
HORZ(LL): 0.079	C	-	-
HORZ(TL): 0.181	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.781
Max BC CSI: 0.333
Max Web CSI: 0.561

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Q	2204	/-	/-	/656	/-	/268
U	2324	/-	/-	/683	/-	/-

Wind reactions based on MWFRS
Q Brg Wid = 3.5 Min Req = 1.8 (Truss)
U Brg Wid = 3.5 Min Req = 1.9 (Truss)
Bearings Q & U 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	100	-2377	F - G	202	-810
C - D	142	-1561	G - H	69	-618
D - E	69	-619	H - I	142	-1561
E - F	202	-810	I - J	100	-2373

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	1244	-46	O - N	1497	0
P - O	1497	0	N - M	1230	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Q - B	4	-2668	S - T	138	-1416
B - P	464	-55	S - G	688	-62
C - P	1107	-36	T - H	141	-1459
D - R	143	-1454	N - I	1108	-36
E - S	686	-64	N - J	490	-47
R - S	140	-1411	J - M	0	-2641

Lumber

Top chord: 2x6 SP #2; T2 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E; B2 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

Loading

Attic room loading from 5-5-8 to 20-5-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

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

Wind

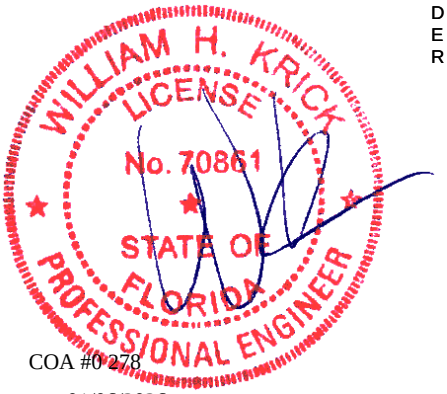
Wind loads based on MWFRS with additional C&C member design.

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 11-0-0.



COA #0278
01/06/2026
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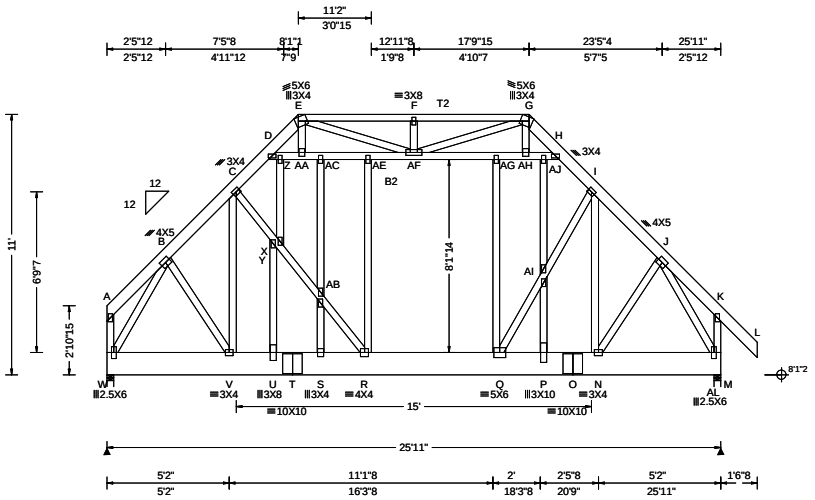
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718904 ATIC FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T4	Cust: R 215 JRef:1YGK2150001 T53 DrwNo: 006.26.1052.55713 SSB / WHK 01/06/2026	

2 Complete Trusses Required



Loading Criteria (psf)
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 Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.71 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.057	R	999	360
VERT(CL): 0.109	R	999	240
HORZ(LL): 0.025	C	-	-
HORZ(TL): 0.047	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.247
Max BC CSI: 0.514
Max Web CSI: 0.681

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
W	3609	/-	/-	/-	/18	/-
AL	3915	/-	/-	/-	/37	/-

Wind reactions based on MWFRS
W Brg Wid = 3.5 Min Req = 1.5 (Truss)
AL Brg Wid = 3.5 Min Req = 1.6 (Truss)
Bearings W & AL 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	13	-1698	F - G	36	-1400
C - D	8	-2018	G - H	10	-1411
D - E	9	-1406	H - I	9	-2011
E - F	36	-1400	I - J	12	-1802

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
W - V	891	-8	R - Q	1520	-3
V - U	1147	-5	Q - P	1228	-5
U - T	1144	-5	P - O	1228	-5
T - S	1144	-5	O - N	1228	-5
S - R	1144	-5	N - M	939	-7

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - B	18	-1910	AE-AF	0	-571
B - V	453	0	AF-AG	0	-555
V - C	10	-668	AF- G	454	-33
C - X	664	0	AG-AH	0	-560
D - Z	0	-612	Q -AI	631	0
U - X	538	0	AH- G	824	0
Y - Z	537	0	AH-AJ	0	-638
Y -AB	647	0	AI- P	653	0
Z -AA	0	-650	AI- I	613	0
E -AA	826	0	AJ-AI	674	0
E -AF	471	-33	AJ- H	0	-589
AA-AC	0	-572	I - N	13	-626
AB- R	624	0	N - J	515	0
S -AB	396	0	J - M	15	-2014
AC-AE	0	-572			

Lumber
Top chord: 2x6 SP #2; T2 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E; B2 2x4 SP #2;
Webs: 2x4 SP #3;

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 9.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes
All plates are 2X4 except as noted.

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

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 11-0-0.
It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.

Special loads
-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	68 plf at	0.00 to	68 plf at	27.46	
PLT: From	28 plf at	5.46 to	28 plf at	6.83	
PLT: From	20 plf at	6.83 to	20 plf at	19.09	
PLT: From	28 plf at	19.09 to	28 plf at	20.46	
PLT: From	100 plf at	5.46 to	100 plf at	20.46	
BC: From	20 plf at	0.00 to	20 plf at	25.92	
BC: From	6 plf at	25.92 to	6 plf at	27.46	

BC: 136 lb Conc. Load at 5.46,20.46
BC: 1474 lb Conc. Load at 11.88
BC: 1522 lb Conc. Load at 15.58

COA #0 278
01/06/2026
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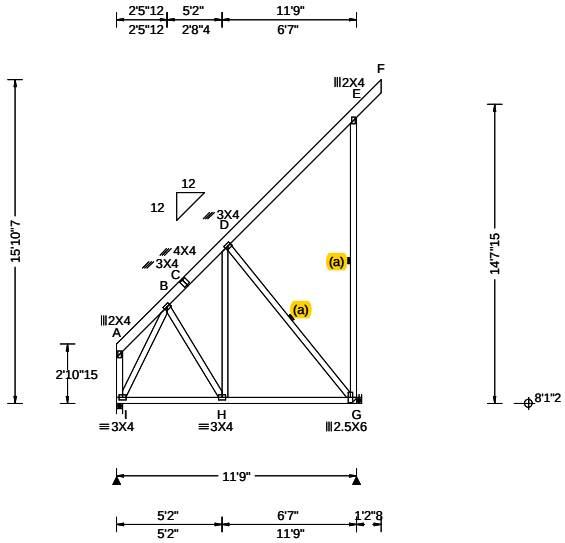
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718888 / MONO FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T5	Cust: R 215 JRef:1YGK2150001 T64 DrwNo: 006.26.0934.34212 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.48 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.006	H	999	360
VERT(CL):	0.012	H	999	240
HORZ(LL):	0.003	B	-	-
HORZ(TL):	0.007	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.270
Max BC CSI: 0.469
Max Web CSI: 0.278

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	563	/-	/-	/279	/-	/233
G	683	/-	/-	/545	/148	/-

Wind reactions based on MWFRS
I Brg Wid = 3.5 Min Req = 1.5 (Truss)
G Brg Wid = - Min Req = -
Bearing I is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	0	-400

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - B	0	-501	D - G	305	-427

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

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=11'6" uses the following support conditions: 11'6"
Bearing G (11'6", 8'1"2) HUS26
Supporting Member: (2)2x6 SP #2
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

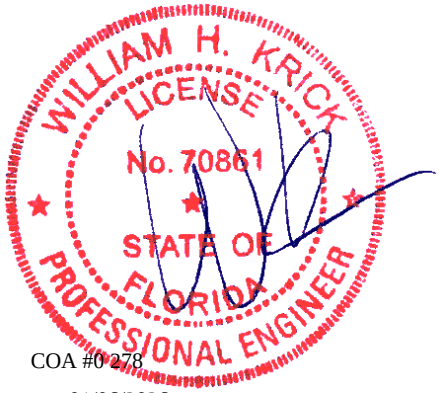
Wind loads based on MWFRS with additional C&C member design.

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 15-10-7.



COA #0278

01/06/2026

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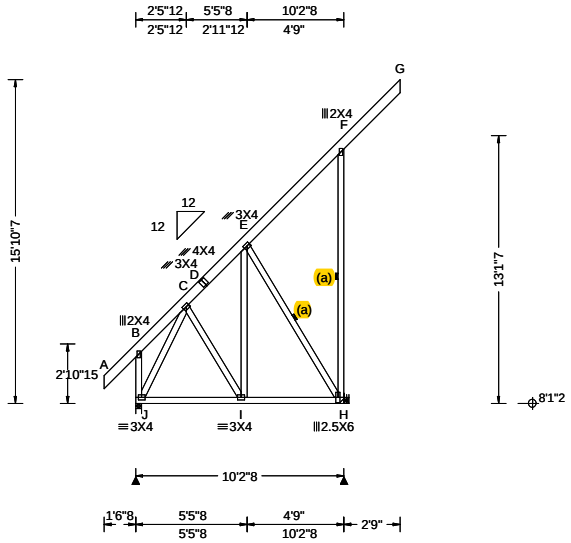
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718890 / MONO FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T6	Cust: R 215 JRef:1YGK2150001 T54 DrwNo: 006.26.0934.34643 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.71 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 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.005	F	999	360
VERT(CL): 0.009	F	999	240
HORZ(LL): 0.003	F	-	-
HORZ(TL): 0.008	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.389
Max BC CSI: 0.319
Max Web CSI: 0.327

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	577	/-	/-	/273	/-	/250
H	729	/-	/-	/589	/187	/-

Wind reactions based on MWFRS
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
H Brg Wid = - Min Req = -
Bearing J is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	18	-380	E - F	168	-455

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - C	13	-613	F - H	535	-413

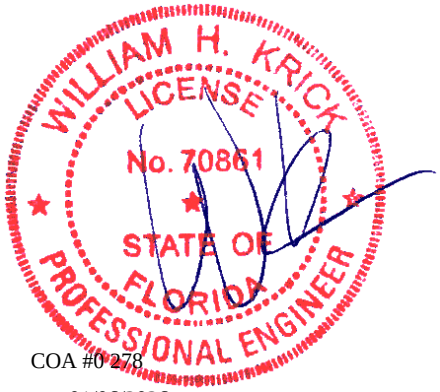
Lumber
Top chord: 2x6 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing
(a) Continuous lateral restraint equally spaced on member.

Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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 15-10-7.



COA #0278
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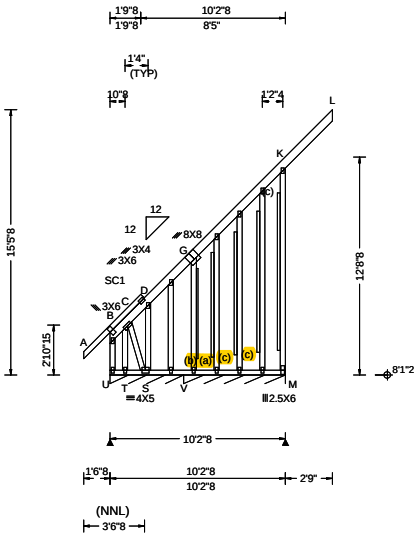
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719127 / GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** T6E	Cust: R 215 JRef:1YGK2150001 T12 DrwNo: 006.26.0934.34905 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.51 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 10.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	K	999	360
VERT(CL): 0.012	K	999	240
HORZ(LL): 0.005	K	-	-
HORZ(TL): 0.053	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.288
Max BC CSI: 0.032
Max Web CSI: 0.910

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
U*	148	/-	/-	/59	/-	/107
V*	185	/-	/-	/111	/72	/-

Wind reactions based on MWFRS
U Brg Wid = 51.5 Min Req = -
V Brg Wid = 71.0 Min Req = -
Bearings U & V 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.
C - D	175	-695	G - K	196	-549
D - G	220	-699			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	167	-629	T - S	169	-637

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - S	1612	-408

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - T	384	-1526	K - M	727	-578

Lumber

Top chord: 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 1-0-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

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

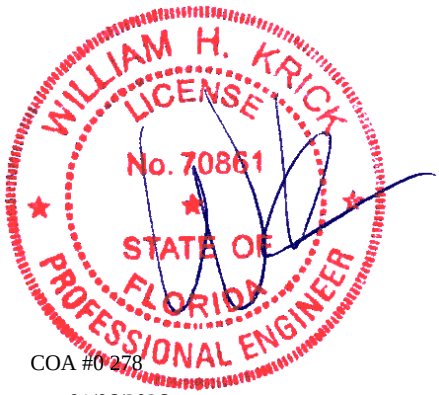
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/294.

Gable Reinforcement

(a) 1x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(b) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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Additional Notes

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 15-5-8.

COA #0278

01/06/2026

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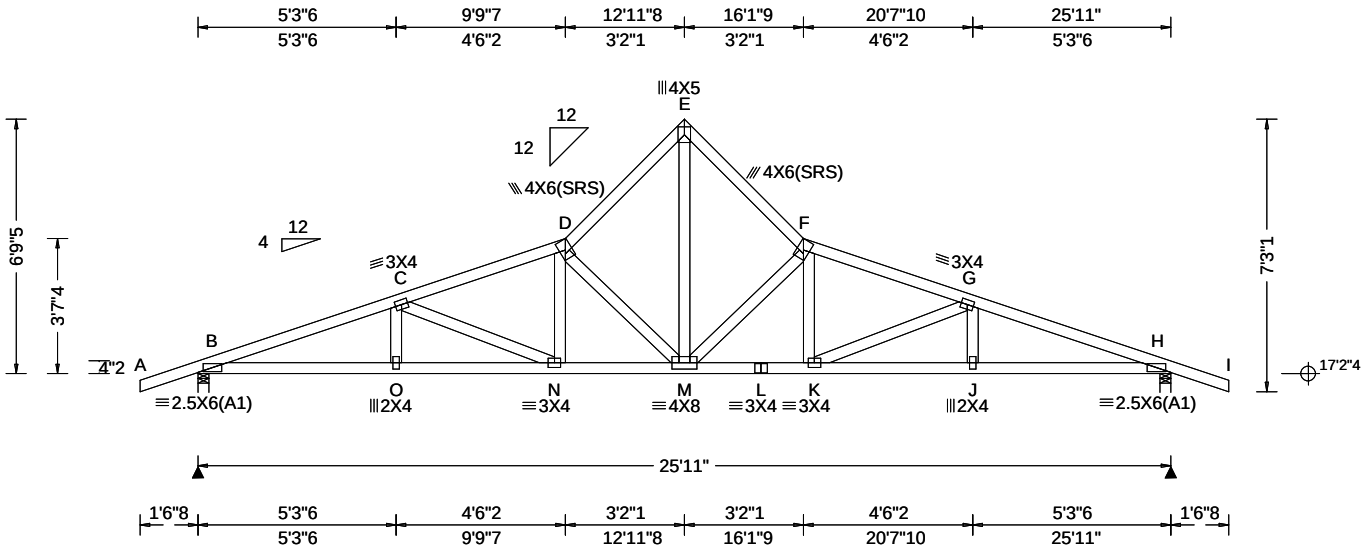
SEQN: 718853 / COMN FROM: RFG	Ply: 1 Qty: 5	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** TT1	Cust: R 215 JRef:1YGK2150001 T56 DrwNo: 006.26.0934.33296 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 20.49 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.170	M	999	360
VERT(CL): 0.345	M	891	240
HORZ(LL): 0.046	H	-	-
HORZ(TL): 0.093	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.318
Max BC CSI: 0.638
Max Web CSI: 0.724

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	1174	/-	/-	/591	/46	/101
H	1174	/-	/-	/591	/46	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings B & H Fcperp = 565psi.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	279	- 2574	E - F	222	- 1583
C - D	254	- 2133	F - G	239	- 2134
D - E	231	- 1583	G - H	262	- 2574

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	2396	- 192	L - K	1962	- 134
O - N	2393	- 194	K - J	2393	- 203
N - M	1962	- 121	J - H	2396	- 201
M - L	1962	- 134			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - N	80	- 445	M - F	204	- 1280
D - M	218	- 1279	K - G	76	- 445
E - M	1899	- 245			

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 15-11-9.

COA #0278

01/06/2026

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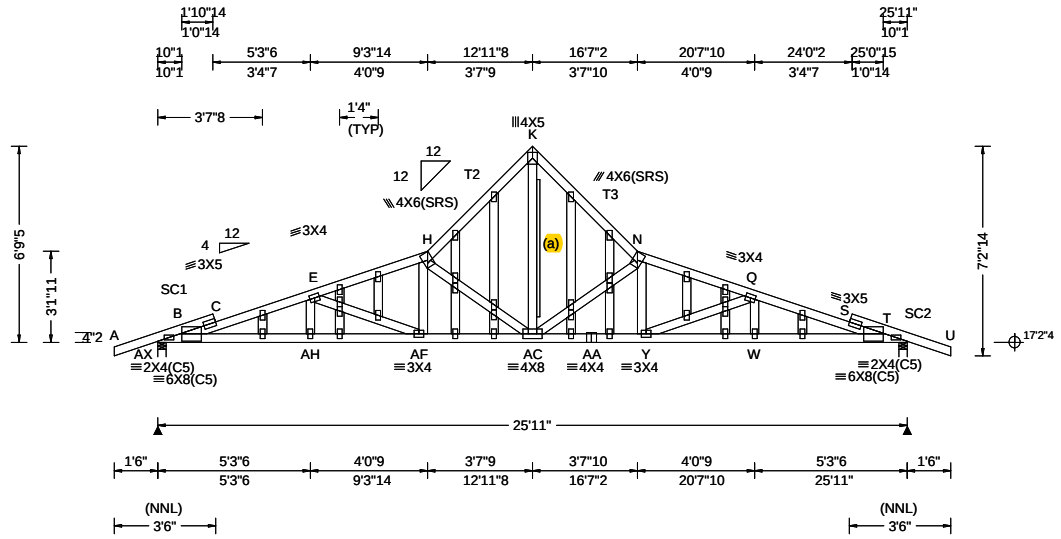
Glenview, IL 60025

SEQN: 48678 GABL	Ply: 1	**Job Number:** 25-3038	Cust: R 215 JRef:1YGK2150001 T55
FROM: RFG	Qty: 2	FOREST COUNTRY MODEL HOME	DrwNo: 006.26.1051.42533
Page 1 of 2		**Truss Label:** TT1E	SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Speed: 130 mph
Risk Category: II
Enclosure: Enclosed
EXP: B Kzt: NA
TCDL: 5.0 psf
BCDL: 5.0 psf
Mean Height: 20.50 ft
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 10.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf(ASD): NA
Ce: NA Lu: NA
Cs: NA Snow Duration: NA

Building Code:
FBC 8th Ed. 2023 Res.
Load Std: ASCE 7-22
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.201	AB	999	360
VERT(CL): 0.443	AB	685	240
HORZ(LL): 0.036	T	-	-
HORZ(TL): 0.079	T	-	-

Creep Factor: 2.0
Max TC CSI: 0.484
Max BC CSI: 0.662
Max Web CSI: 0.810

VIEW Ver: 25.02.00A.1017.15

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AX	1343	/-	/-	/635	/155	/123
T	1343	/-	/-	/635	/155	/-

Wind reactions based on MWFRS
AX Brg Wid = 3.5 Min Req = 1.5 (Support)
T Brg Wid = 3.5 Min Req = 1.5 (Support)
Bearings AX & T Fcperp = 565psi.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	424	- 3551	K - N	297	- 1851
C - E	438	- 3494	N - Q	340	- 2778
E - H	363	- 2778	Q - S	420	- 3493
H - K	299	- 1851	S - T	401	- 3550

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AH	3328	- 313	AA- Y	2562	- 195
AH-AF	3306	- 309	Y - W	3306	- 313
AF-AC	2561	- 183	W - T	3327	- 317
AC-AA	2562	- 195			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
E -AF	135	- 772	AC- N	261	- 1660
AF- H	378	- 58	N - Y	377	- 55
H -AC	279	- 1660	Y - Q	145	- 771
K -AC	2127	- 362			

Lumber

Top chord: 2x4 SP M-31; T2,T3 2x4 SP #2;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Gable Reinforcement

(a) 1x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

Loading

Truss designed to support 1-0-0 top chord outlookers and cladding load not to exceed 4.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

In lieu of structural panels use purlins to brace 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.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/288.

The perimeter of the gable face exposed to lateral wind loads shall be restrained. Connections to and the design of diaphragms is the responsibility of the Building Designer per ANSI/TPI 1.

COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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Glenview, IL 60025

Additional Notes

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

COA #0 278

01/06/2026

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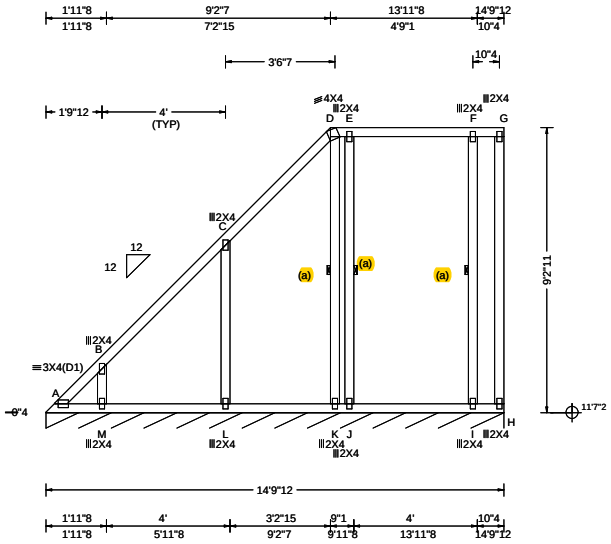
Glenview, IL 60025

SEQN: 719115 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V1	Cust: R 215 JRef:1YGK2150001 T80 DrwNo: 006.26.0934.34845 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.36 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	E	999	360
VERT(CL): 0.004	E	999	240
HORZ(LL): 0.002	C	-	-
HORZ(TL): 0.012	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.192
Max BC CSI: 0.101
Max Web CSI: 0.175

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H*	88	/-	/-	/53	/2	/15

Wind reactions based on MWFRS
H Brg Wid = 177 Min Req = -
Bearing A 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;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

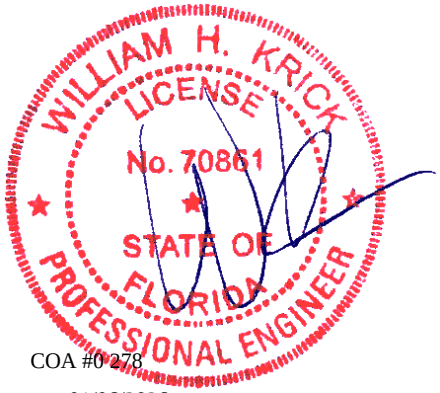
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 9-2-11.



COA #0 278
01/06/2026
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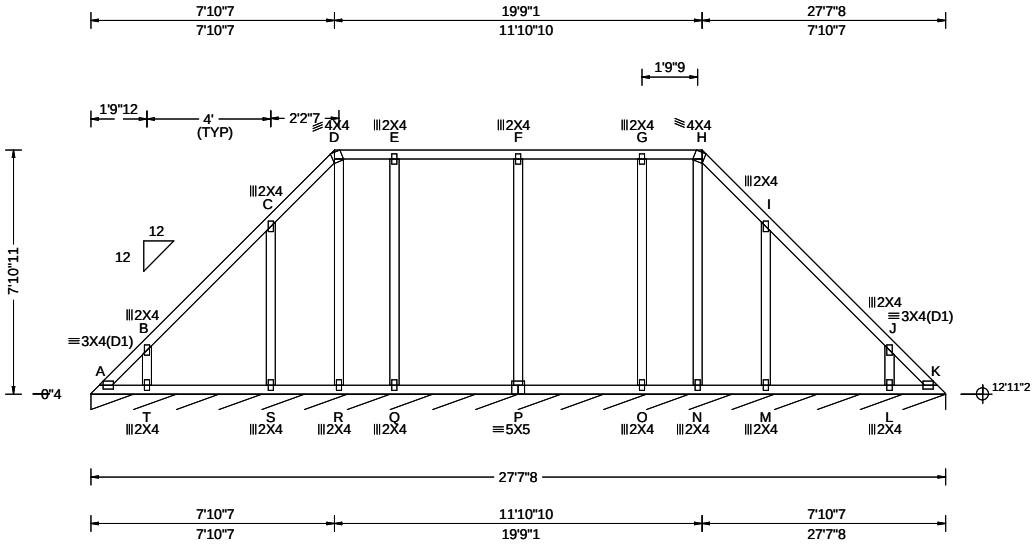
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719095 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V2	Cust: R 215 JRef:1YGK2150001 T43 DrwNo: 006.26.0934.34717 SSB / WHK 01/06/2026



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 F 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.004 F 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 I - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.003 C - -
NCBCLL: 10.00	Mean Height: 17.03 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.196
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.110
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.327
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K*	88	/-	/-	/46	/1	/6

Wind reactions based on MWFRS
K Brg Wid = 331 Min Req = -
Bearing A 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;

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 7-10-11.

COA #0 278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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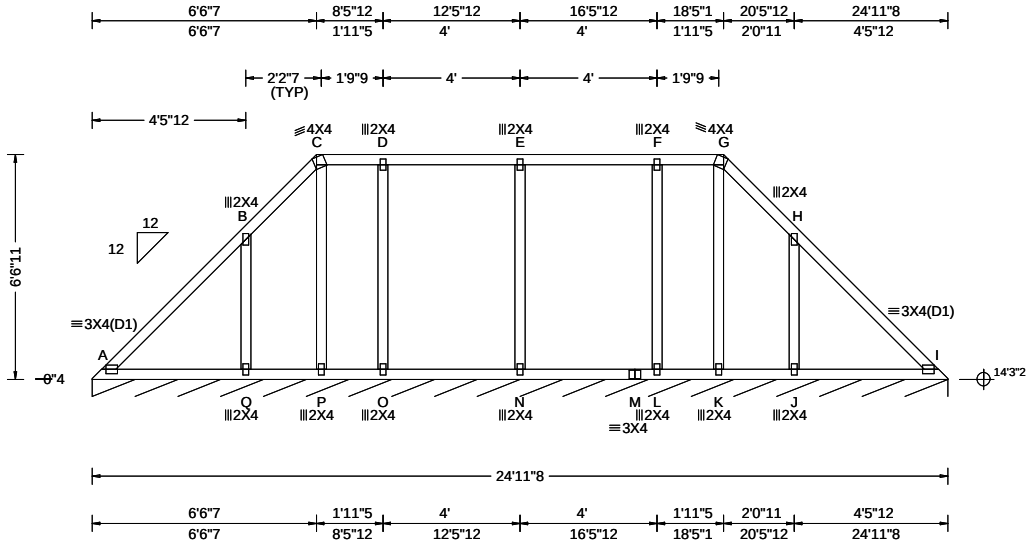
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 719097 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V3	Cust: R 215 JRef:1YGK2150001 T77 DrwNo: 006.26.0934.34052 SSB / WHK 01/06/2026



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
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: Enclosed Risk Category: II EXP: B Kzt: NA Mean Height: 17.69 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/defl L/# VERT(LL): 0.009 I 999 360 VERT(CL): 0.010 I 999 240 HORZ(LL): 0.006 A - - HORZ(TL): 0.008 A - - Creep Factor: 2.0 Max TC CSI: 0.208 Max BC CSI: 0.166 Max Web CSI: 0.223 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I*	88	/-	/-	/45	/2	/5

Wind reactions based on MWFRS
I Brg Wid = 299 Min Req = -
Bearing A 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;

Wind

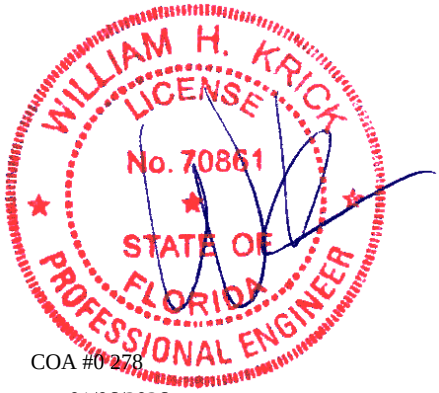
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 6-6-11.



COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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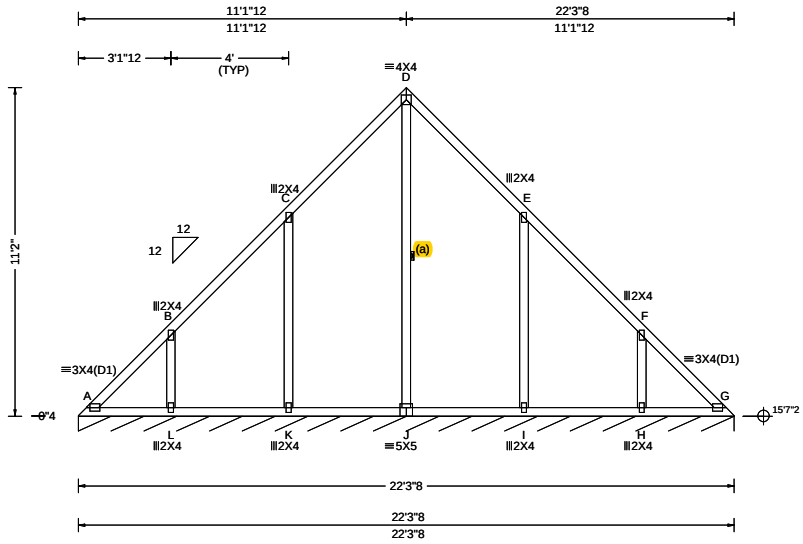
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719099 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V4	Cust: R 215 JRef:1YGK2150001 T81 DrwNo: 006.26.0934.35515 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 A 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.004 A 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 A - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.006 C - -
NCBCLL: 10.00	Mean Height: 21.33 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.237
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.118
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.290
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G*	88	/-	/-	/50	/-	/11

Wind reactions based on MWFRS
G Brg Wid = 267 Min Req = -
Bearing A 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;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

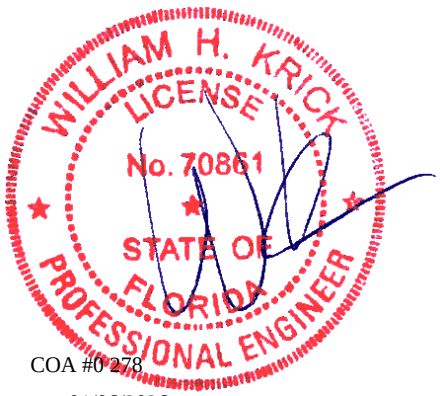
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 11-2-0.



COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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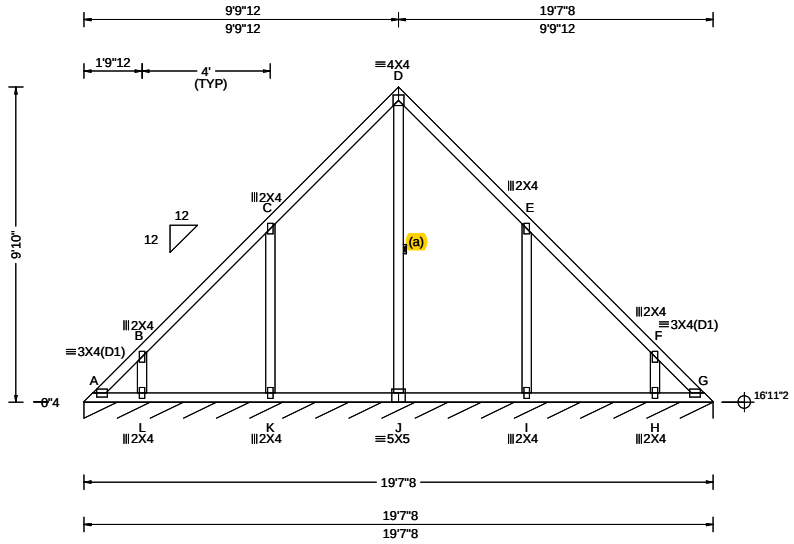
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719101 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V5	Cust: R 215 JRef:1YGK2150001 T82 DrwNo: 006.26.0934.35322 SSB / WHK 01/06/2026



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 E 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.003 E 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 E - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.004 E - -
NCBCLL: 10.00	Mean Height: 22.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.239
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.114
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.192
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G*	88	/-	/-	/49	/-	/11

Wind reactions based on MWFRS
G Brg Wid = 235 Min Req = -
Bearing A 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;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

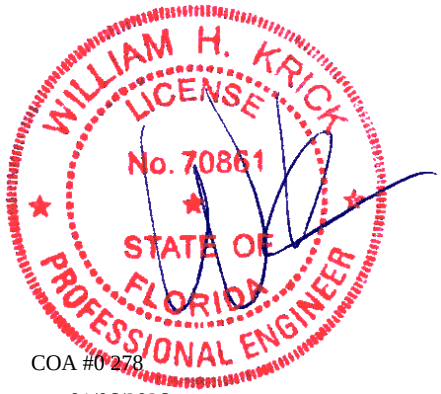
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 9-10-0.



COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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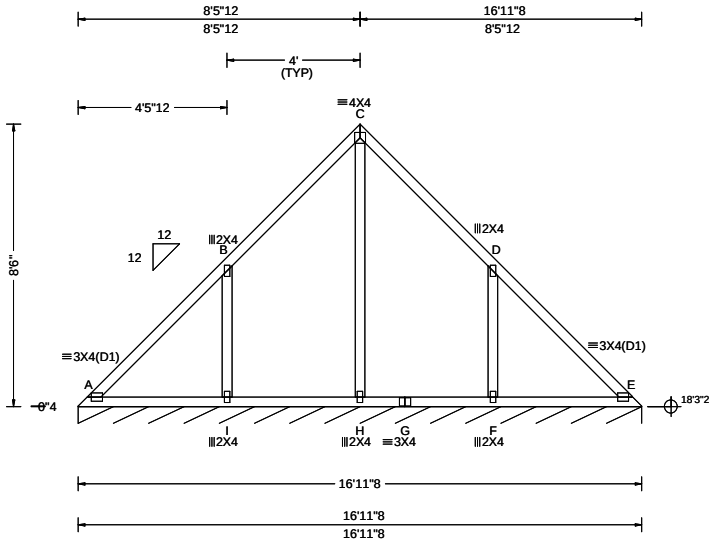
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719103 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V6	Cust: R 215 JRef:1YGK2150001 T83 DrwNo: 006.26.0934.35100 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 22.66 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.005	E	999	360
VERT(CL): 0.012	E	999	240
HORZ(LL): 0.003	A	-	-
HORZ(TL): 0.006	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.325
Max BC CSI: 0.182
Max Web CSI: 0.316

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	88	/-	/-	/49	/-	/11

Wind reactions based on MWFRS
E Brg Wid = 203 Min Req = -
Bearing A 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;

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 8-6-0.

COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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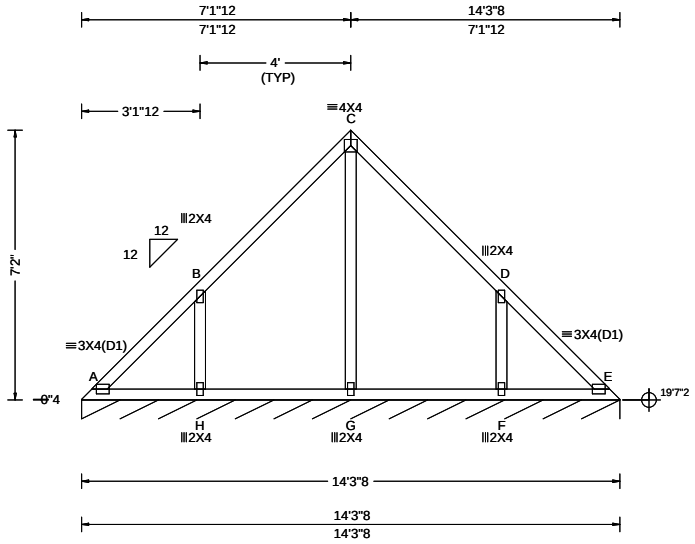
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719105 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V7	Cust: R 215 JRef:1YGK2150001 T84 DrwNo: 006.26.0934.35355 SSB / WHK 01/06/2026



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: Enclosed Risk Category: II EXP: B Kzt: NA Mean Height: 23.33 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/defl L/# VERT(LL): 0.001 E 999 360 VERT(CL): 0.003 E 999 240 HORZ(LL): -0.001 E - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.275 Max BC CSI: 0.111 Max Web CSI: 0.162 VIEW Ver: 24.02.00D.0114.10	Gravity / Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 88 /- /- /49 /- /11 Wind reactions based on MWFRS E Brg Wid = 171 Min Req = - Bearing A 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;

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 7-2-0.

COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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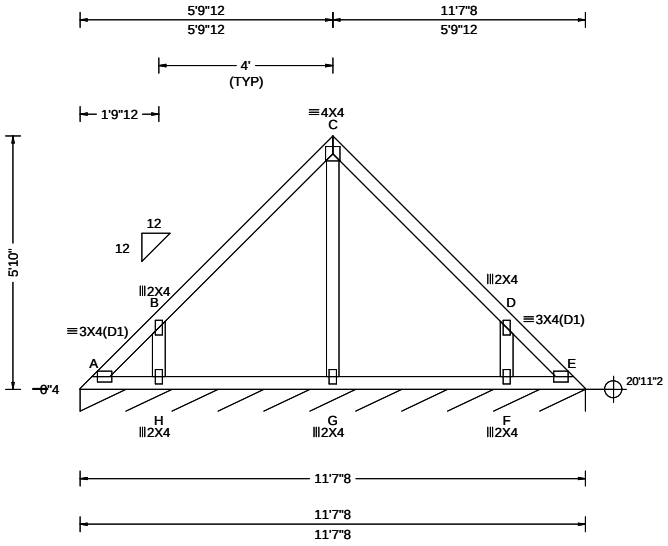
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719107 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V8	Cust: R 215 JRef:1YGK2150001 T85 DrwNo: 006.26.0934.33680 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 24.00 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	C	999	360
VERT(CL): 0.001	C	999	240
HORZ(LL): -0.001	A	-	-
HORZ(TL): 0.002	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.232
Max BC CSI: 0.120
Max Web CSI: 0.085

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	88	/-	/-	/49	/-	/11

Wind reactions based on MWFRS
E Brg Wid = 139 Min Req = -
Bearing A 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;

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 5-10-0.

COA #0 278
01/06/2026
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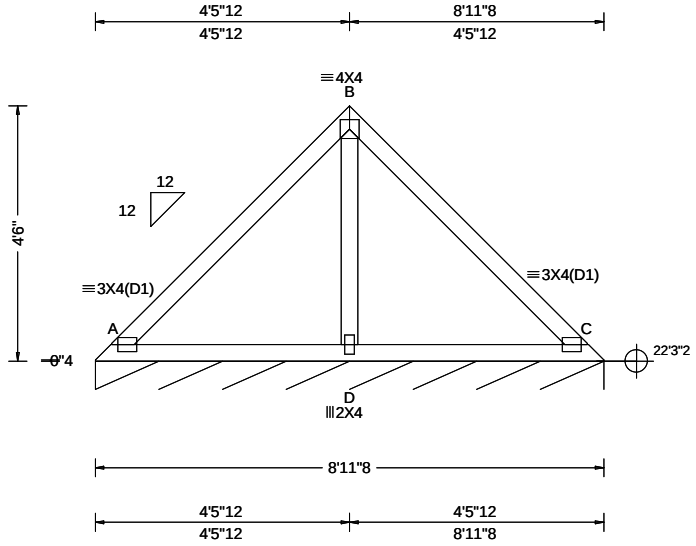
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719109 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V9	Cust: R 215 JRef:1YGK2150001 T86 DrwNo: 006.26.0934.34669 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 24.66 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.007	C	999	360
VERT(CL): 0.016	C	999	240
HORZ(LL): -0.005	C	-	-
HORZ(TL): 0.011	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.292
Max BC CSI: 0.250
Max Web CSI: 0.154

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	88	/-	/-	/48	/-	/10

Wind reactions based on MWFRS
C Brg Wid = 107 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	251	-437

Lumber

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

Wind

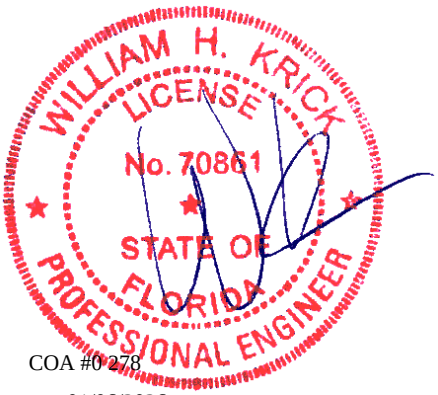
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 4-6-0.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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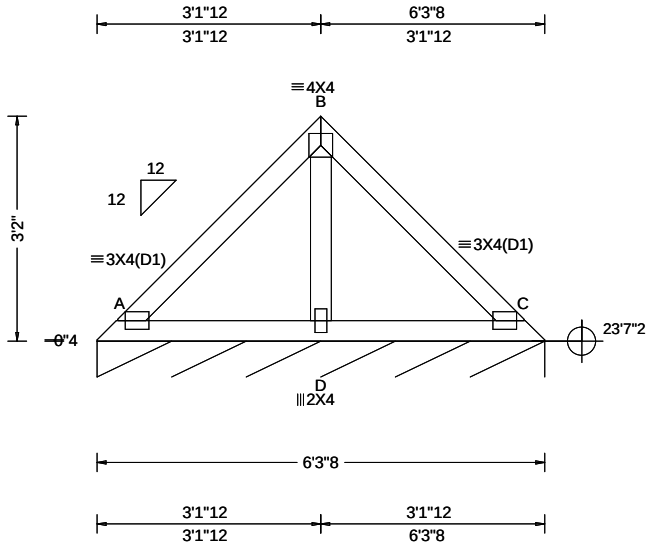
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719111 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V10	Cust: R 215 JRef:1YGK2150001 T87 DrwNo: 006.26.0934.34526 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 C 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.005 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 C - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.004 C - -
NCBCLL: 10.00	Mean Height: 25.33 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.155
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.110
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.057
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	88	/-	/-	/47	/-	/10

Wind reactions based on MWFRS
C Brg Wid = 75.5 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

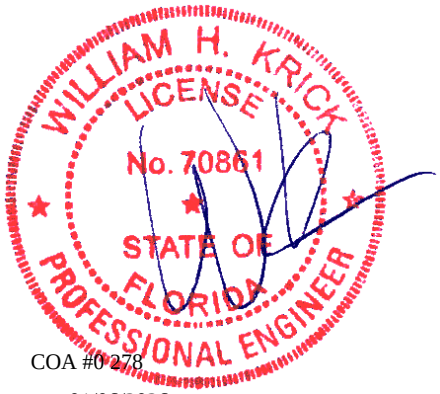
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 3-2-0.



COA #0278

01/06/2026

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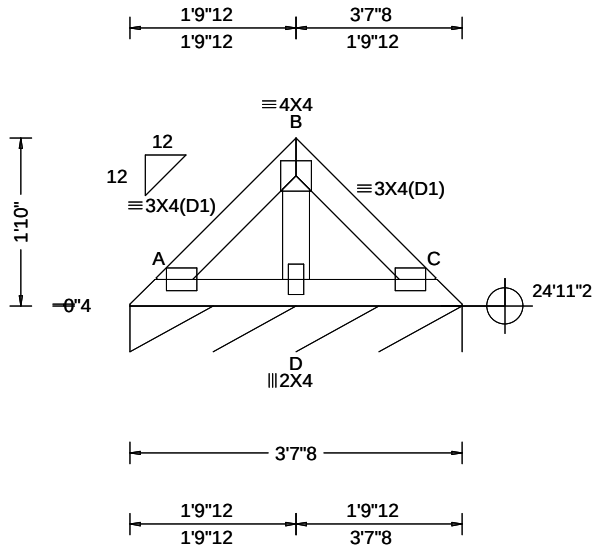
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719113 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V11	Cust: R 215 JRef:1YGK2150001 T88 DrwNo: 006.26.0934.35068 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 C 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.001 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 10.00	Mean Height: 26.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.040
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.027
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.023
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	87	/-	/-	/45	/-	/9

Wind reactions based on MWFRS
C Brg Wid = 43.5 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 1-10-0.

COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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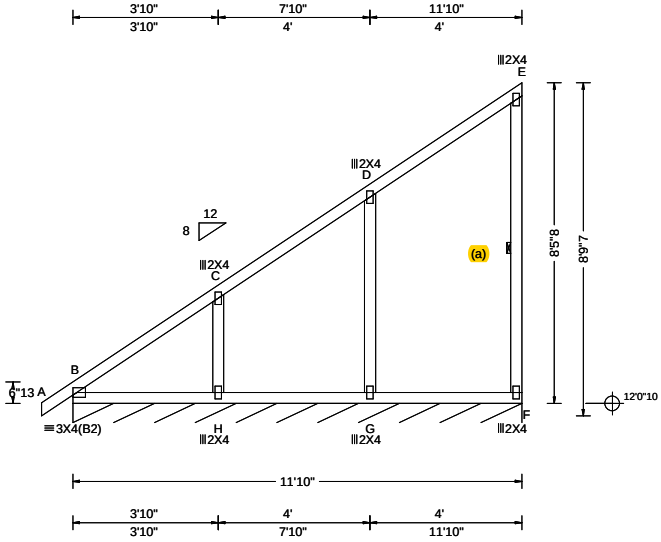
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718925 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V22	Cust: R 215 JRef:1YGK2150001 T89 DrwNo: 006.26.0934.35762 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.29 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	D	999	360
VERT(CL): 0.003	D	999	240
HORZ(LL): 0.002	D	-	-
HORZ(TL): 0.005	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.257
Max BC CSI: 0.149
Max Web CSI: 0.174

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F*	89	/-	/-	/55	/-	/12

Wind reactions based on MWFRS
F Brg Wid = 142 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;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

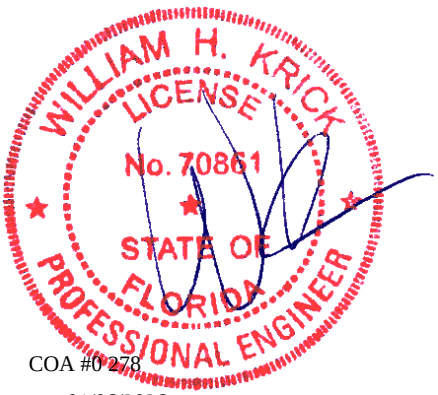
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 8-5-8.



COA #0278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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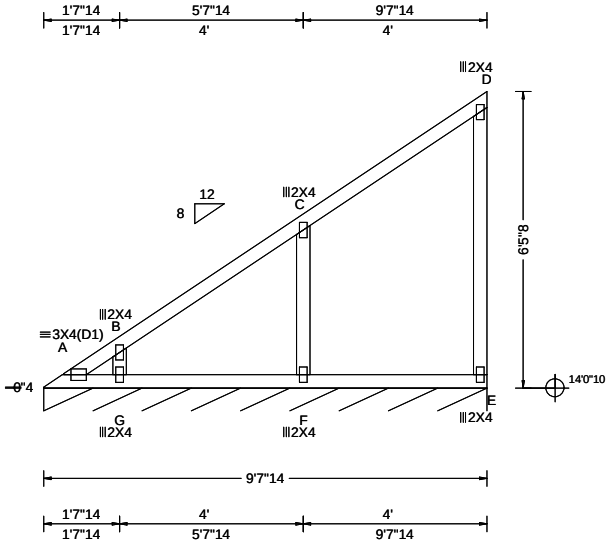
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718993 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V23	Cust: R 215 JRef:1YGK2150001 T90 DrwNo: 006.26.0934.34973 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 C 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.002 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 C - -
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.003 D - -
NCBCLL: 10.00	Mean Height: 17.44 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.272
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.161
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.085
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	84	/-	/-	/53	/-	/11

Wind reactions based on MWFRS
E Brg Wid = 115 Min Req = -
Bearing A 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;

Wind

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

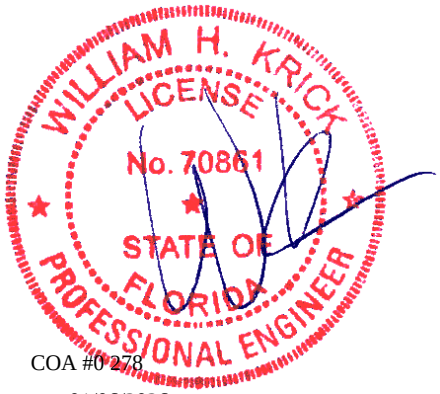
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 6-5-8.



COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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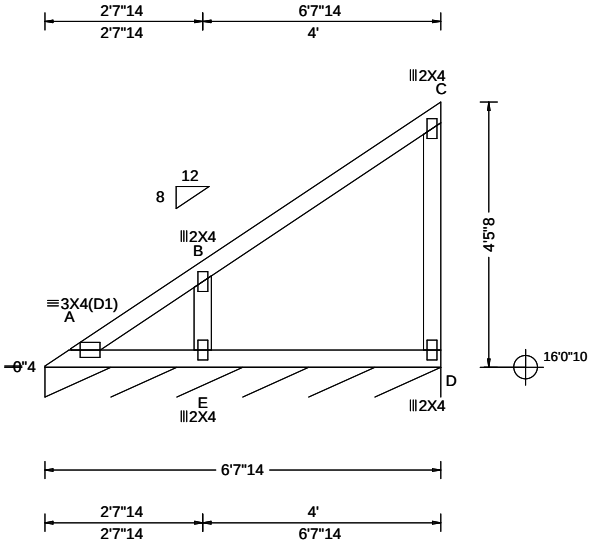
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718995 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V24	Cust: R 215 JRef:1YGK2150001 T91 DrwNo: 006.26.0934.34320 SSB / WHK 01/06/2026



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Enclosed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.44 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

Snow Criteria (Pg,Pf in PSF)
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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.000	C	999	360
VERT(CL):	0.001	C	999	240
HORZ(LL):	0.000	B	-	-
HORZ(TL):	0.002	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.233
Max BC CSI: 0.134
Max Web CSI: 0.067

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	84	/-	/-	/52	/1	/15

Wind reactions based on MWFRS
D Brg Wid = 79.9 Min Req = -
Bearing A 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;

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 4-5-8.

COA #0 278
01/06/2026
Florida Certificate of Product Approval #FL 1999

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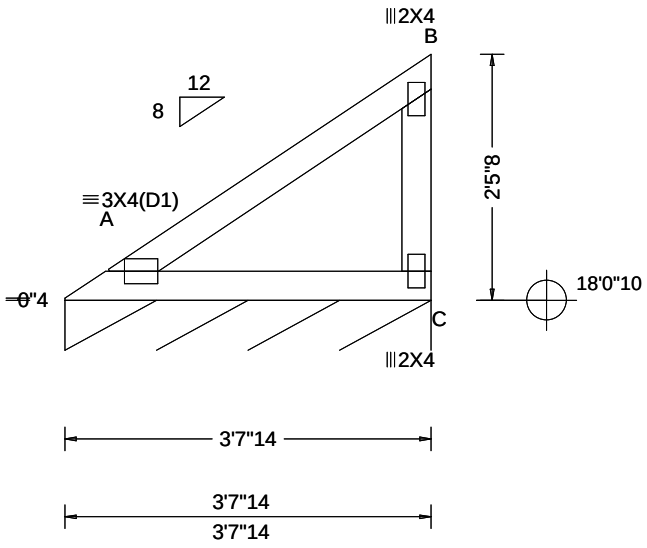
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 718997 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V25	Cust: R 215 JRef:1YGK2150001 T92 DrwNo: 006.26.0934.34925 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
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: Enclosed Risk Category: II EXP: B Kzt: NA Mean Height: 19.44 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/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 A - - HORZ(TL): 0.005 A - - Creep Factor: 2.0 Max TC CSI: 0.155 Max BC CSI: 0.153 Max Web CSI: 0.056 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/50	/0	/14

Wind reactions based on MWFRS
C Brg Wid = 43.9 Min Req = -
Bearing A 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;

Wind

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

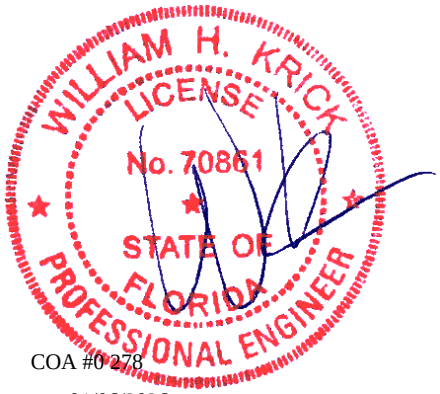
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 2-5-8.



COA #0278

01/06/2026

Florida Certificate of Product Approval #FL 1999

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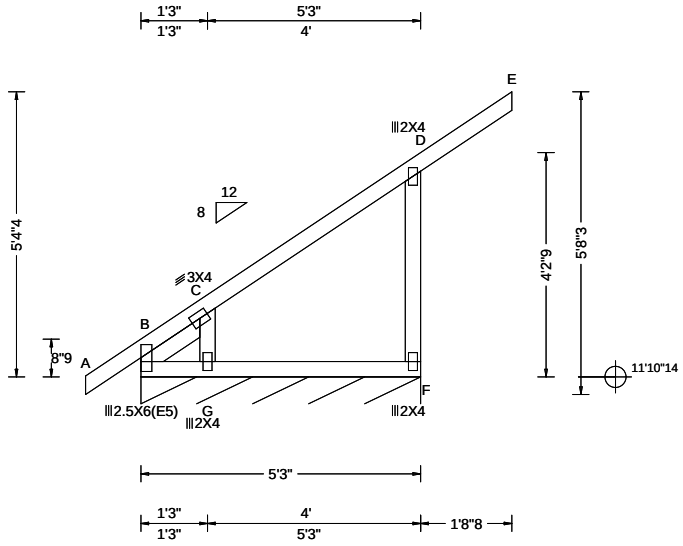
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719074 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V33	Cust: R 215 JRef:1YGK2150001 T35 DrwNo: 006.26.0934.33882 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
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: Enclosed Risk Category: II EXP: B 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/defl L/# VERT(LL): 0.000 C 999 360 VERT(CL): 0.000 C 999 240 HORZ(LL): 0.000 C - - HORZ(TL): 0.000 C - - Creep Factor: 2.0 Max TC CSI: 0.241 Max BC CSI: 0.095 Max Web CSI: 0.124 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	120	/-	/-	/68	/7	/23

Wind reactions based on MWFRS
B Brg Wid = 63.0 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;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.367'

Wind

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

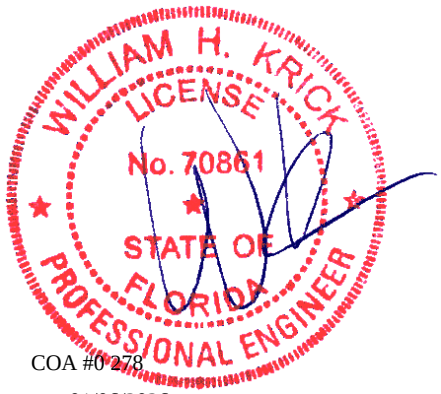
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

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



COA #0278
Florida Certificate of Product Approval #FL 1999
01/06/2026

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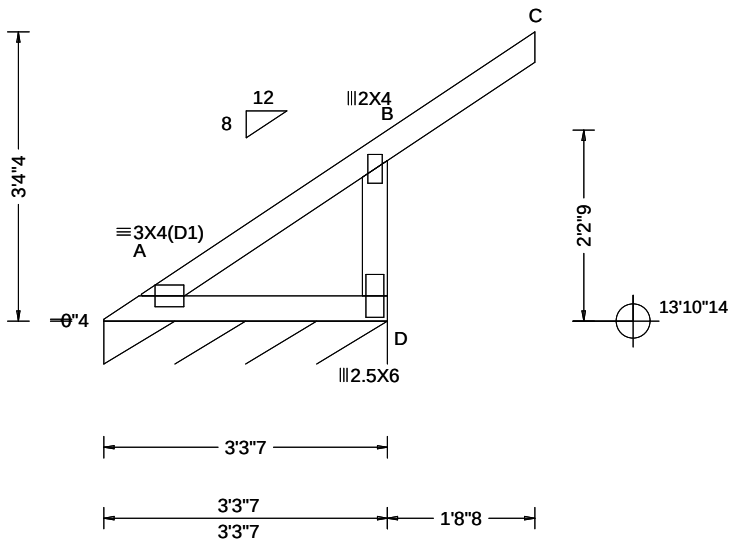
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 719069 / VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 25-3038 FOREST COUNTRY MODEL HOME **Truss Label:** V34	Cust: R 215 JRef:1YGK2150001 T46 DrwNo: 006.26.0934.34961 SSB / WHK 01/06/2026



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
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: Enclosed Risk Category: II EXP: B Kzt: NA Mean Height: 15.74 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/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 A - - HORZ(TL): 0.002 A - - Creep Factor: 2.0 Max TC CSI: 0.267 Max BC CSI: 0.083 Max Web CSI: 0.124 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	119	/-	/-	/68	/6	/22

Wind reactions based on MWFRS
D Brg Wid = 39.5 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

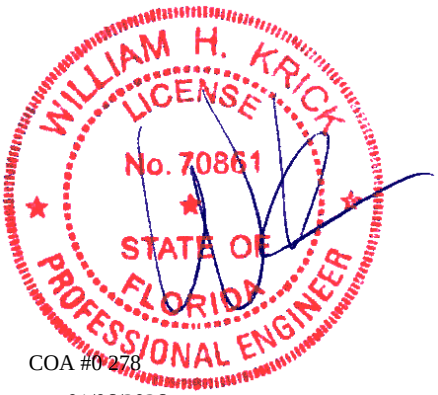
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 3-4-4.



COA #0278

01/06/2026

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

CLR Reinforcing 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.

Notes:

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

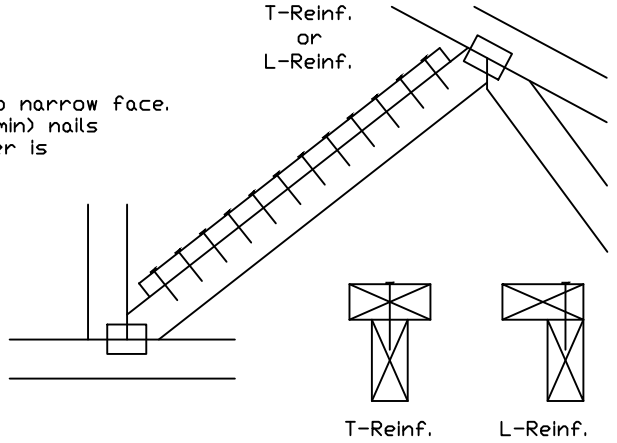
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Alternative Reinforecement Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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.

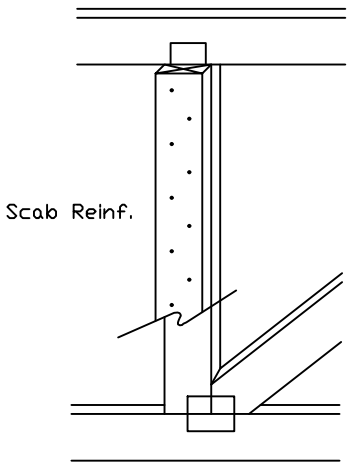
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



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.



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

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

01/06/2026

TC LL	PSF	REF CLR Subst.
TC DL	PSF	DATE 01/02/19
BC DL	PSF	DRWG BRCLBSUB0119
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

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

NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH,GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

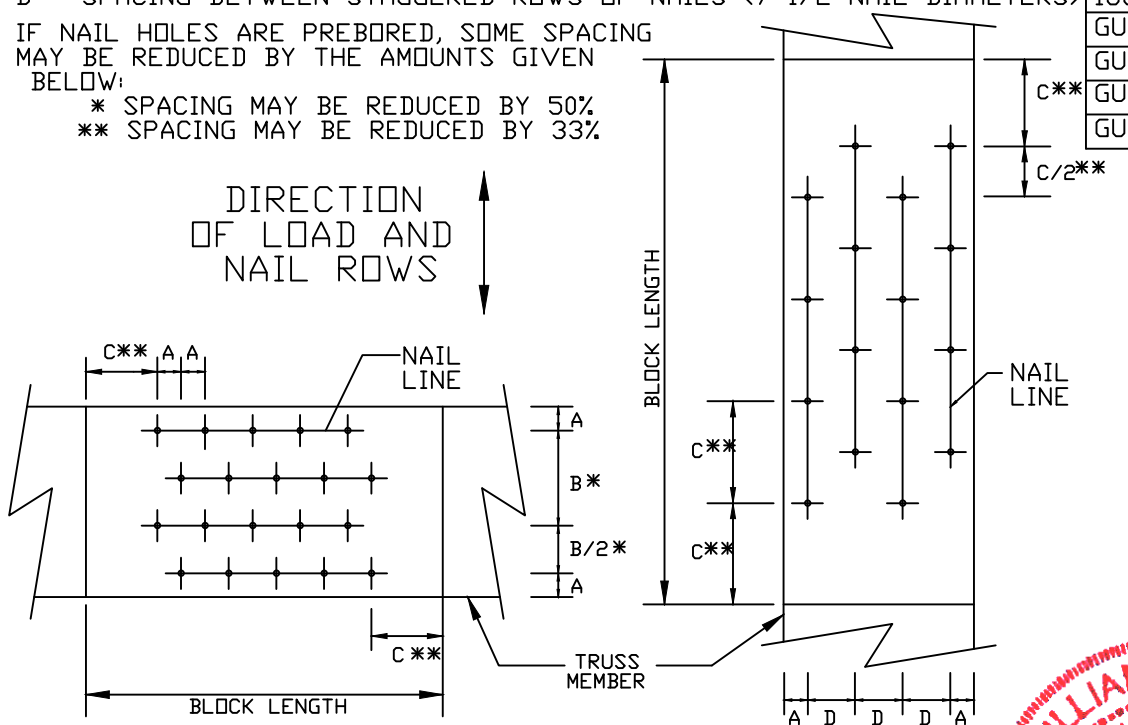
LOAD PERPENDICULAR TO GRAIN
A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN
A - EDGE DISTANCE (6 NAIL DIAMETERS)
C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)
D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
* SPACING MAY BE REDUCED BY 50%
** SPACING MAY BE REDUCED BY 33%

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES A	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162"X 3.5",MIN)	1'	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	2"	1"



LOAD APPLIED PERPENDICULAR TO GRAIN

LOAD APPLIED PARALLEL TO GRAIN

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLER.

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

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

REF	NAIL SPACE
DATE	10/01/14
DRWG	CNNAILSP1014

COA #0 278 01/06/2026
Florida Certificate of Product Approval #FL 1999

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

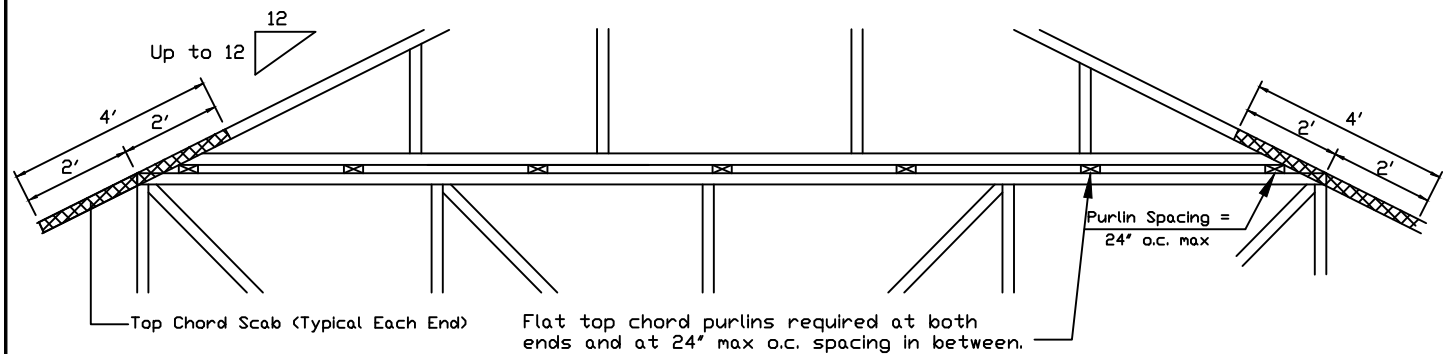
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, Wind DL= 5.0 psf (min), Kzt=1.0.

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"x3.5") 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"x3") at 4" o.c.

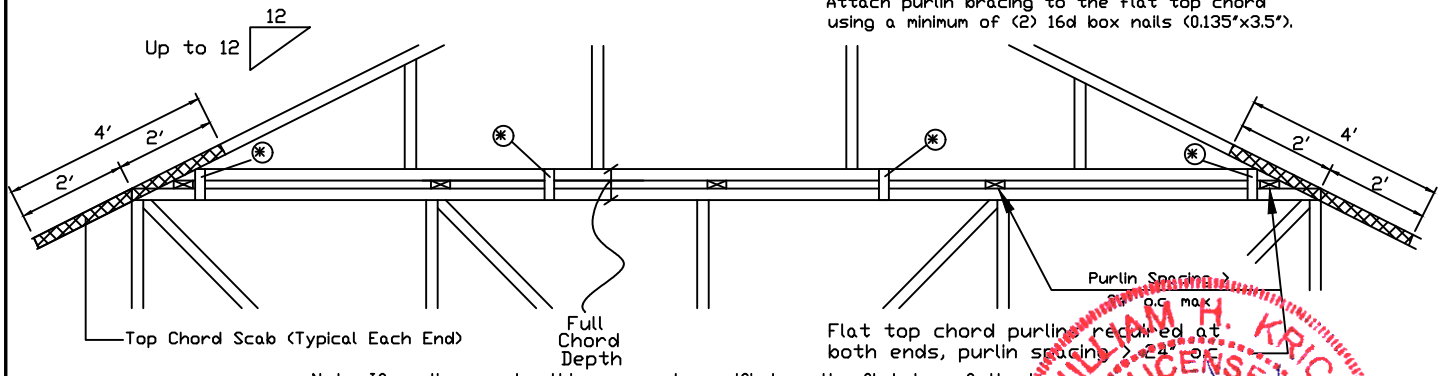
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulox plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" 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"x3.5") 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"x3") at 4" o.c.

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



Note: If purlins or sheathing are not specified on the flat top of the base 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"x1.375" 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 (8) 6d common (0.113"x2") 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 (6) 10d box nails (0.128"x3") 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.

28PB Wave Piggyback Plate
One 28PB 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"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.

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

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

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

01/06/2026

COA #0 278
Florida Certificate of Product 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# connection 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.

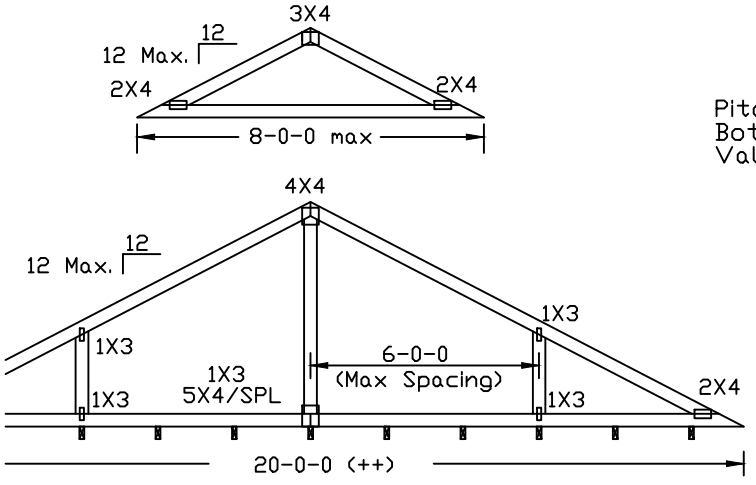
All plates shown are Alpine Wave Plates.

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.

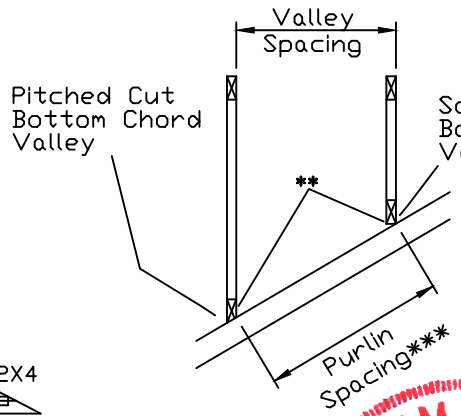
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss installation.
Or
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

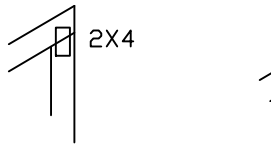
*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

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

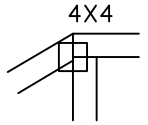


Supporting trusses at 24" o.c. maximum spacing.

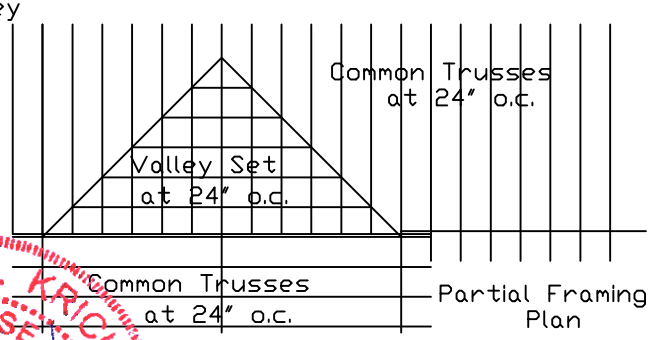




Square Cut Bottom Chord Valley
Stubbed Valley End Detail



Optional Hip Joint Detail



Partial Framing Plan

ALPINE AN ITW COMPANY
155 Harlem Ave
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Glenview, IL 60025

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TC LL	30	30	40	PSF
TC DL	20	15	7	PSF
BC DL	10	10	10	PSF
BC LL	0	0	0	PSF
TOT. LD.	60	55	57	PSF
DUR. FAC.	1.25	1.33	1.15	1.15
SPACING			24.0"	

REF	VALLEY DETAIL
DATE	07/03/2023
DRWG	VAL180220723

01/06/2026
COA #0 278
Florida Certificate of 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 on 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.

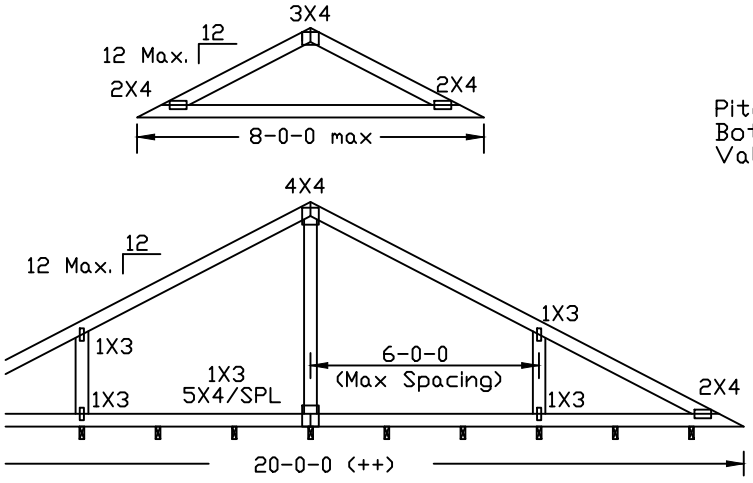
All plates shown are Alpine Wave Plates.

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.

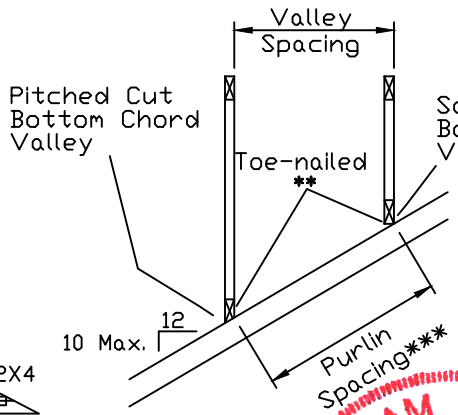
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss installation.
Or
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

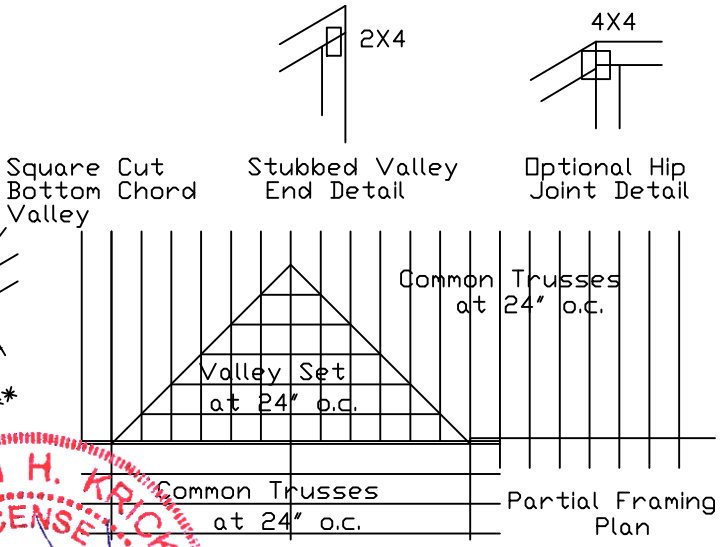
*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

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



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





Stubbed Valley End Detail

Optional Hip Joint Detail

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155 Harlem Ave
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Glenview, IL 60025

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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER

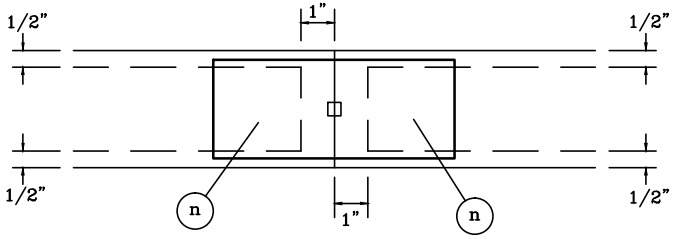
TC LL	30	30	40	PSF
TC DL	20	15	7	PSF
BC DL	10	10	10	PSF
BC LL	0	0	0	PSF
TOT. LD.	60	55	57	PSF
DUR.FAC.	1.25	1.33	1.15	1.15
SPACING		24.0"		

REF	VALLEY DETAIL
DATE	07/03/2023
DRWG	VALTN220723

01/06/2026
COA #0 278
Florida Certificate of Product Approval #FL 1999

TRULOX INFORMATION DETAIL

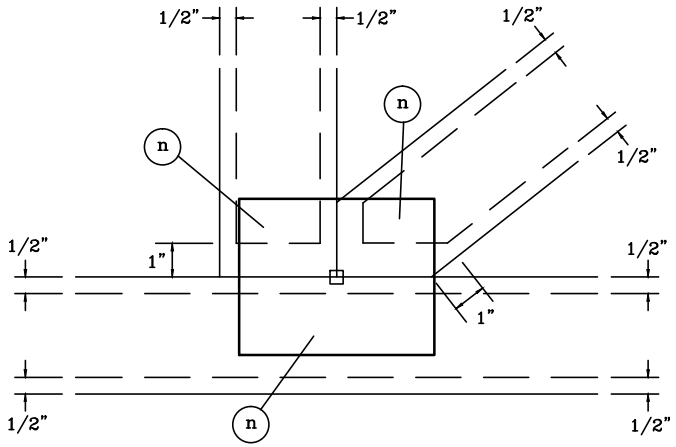
TYPICAL OFF PANEL SPLICE



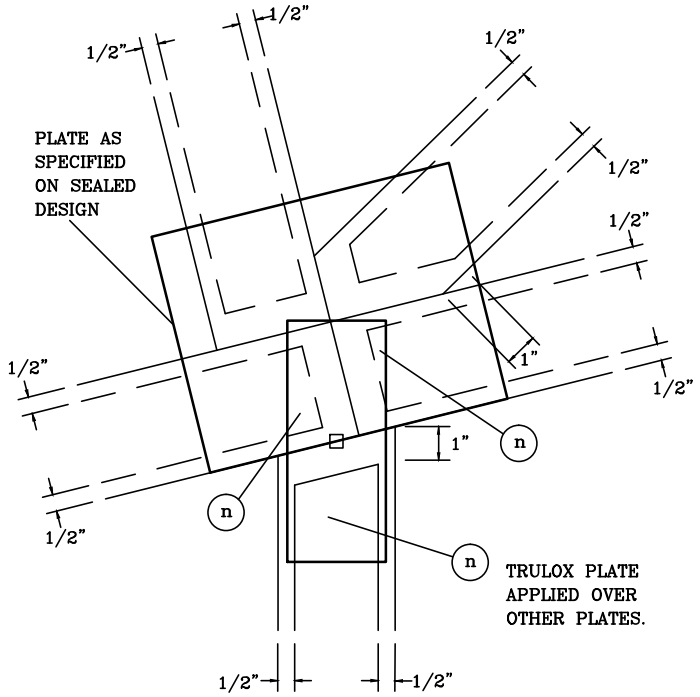
DO NOT APPLY NAILS WITHIN 1/2" OF LUMBER EDGES OR 1" OF LUMBER ENDS ON EACH FACE, AS SHOWN BY DASHED LINES.

NAILS MUST NOT SPLIT LUMBER.

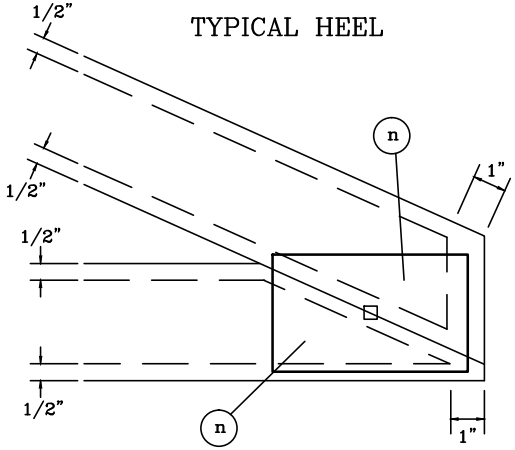
TYPICAL PANEL POINT WITHOUT SPLICE



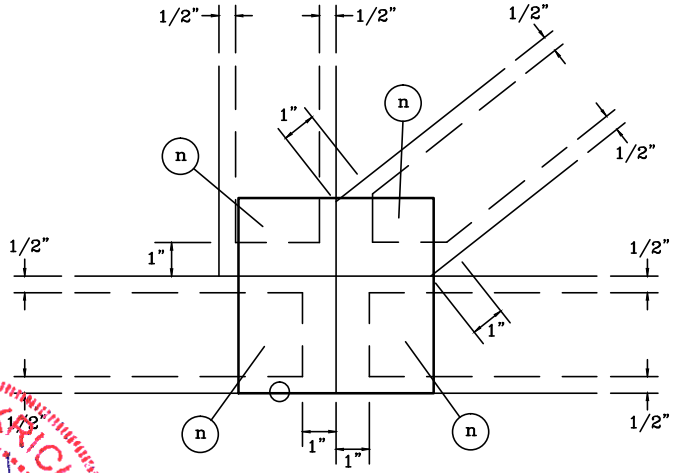
TYPICAL FILLER

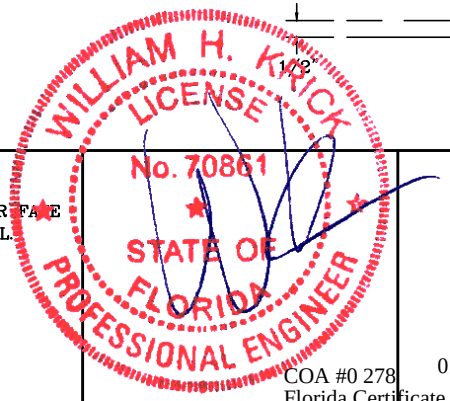


TYPICAL HEEL



TYPICAL PANEL POINT SPLICE





NOTES:
(n) IS THE REQUIRED NUMBER OF 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY AS SPECIFIED ON THE SEALED DESIGN REFERENCING THIS DETAIL.
○ LOCATES PLATE CORNER OR FLUSH EDGE.
□ LOCATES PLATE CENTER.

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

COA #0 278 01/06/2026
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TRULOX PLATING

160 TL

PAGE 1 OF 1

DATE 10/01/14