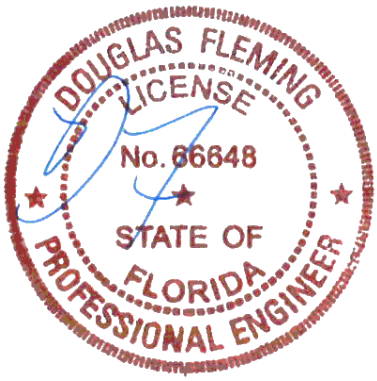

Alpine, an ITW Company
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025
Phone: (800)755-6001
www.alpineitw.com

COA #0 278
Florida Certificate of Product Approval #FL1999

02/25/2026

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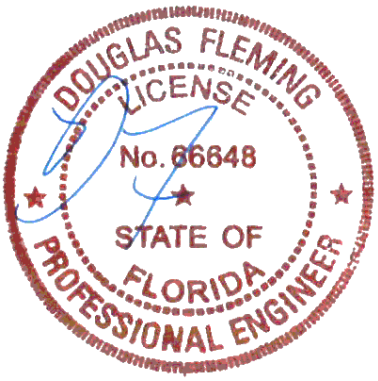
Site Information:	**Page 1:**
Customer: W. B. Howland Company, Inc.	*Job Number:* 26-3388d
Job Description: JOHNSON	
Address: 8355 SW ELIN CHURCH RD, Fort White, FL 32038	

Job Engineering Criteria:	
Design Code: FBC 8th Ed. 2023 Res.	*IntelliVIEW Version:* 24.02.00D *JRef #:* 1YHX2150002
Wind Standard: ASCE 7-22 *Wind Speed (mph):* 130 *Building Type:* Enclosed	*Design Loading (psf):* 40

This package contains general notes pages, 49 truss drawing(s) and 5 detail(s).

Item	Drawing Number	Truss
1	056.26.0825.25350	A1
3	056.26.0825.36517	A1E
5	056.26.0825.46087	A3
7	056.26.0827.43710	B1
9	056.26.0831.17417	B2
11	056.26.0831.54070	C1
13	056.26.0835.53773	C2
15	056.26.0835.45890	C3
17	056.26.0835.34630	FG2
19	056.26.0835.24217	FL1
21	056.26.0835.04927	FL2E
23	056.26.0834.47793	M1
25	056.26.0834.31483	MV1
27	056.26.0834.14747	MV3
29	056.26.0834.11143	MV5
31	056.26.0834.25293	MV12
33	056.26.0834.21817	MV14
35	056.26.0834.18563	MV16
37	056.26.0834.03060	P1E
39	056.26.0833.57750	P2E
41	056.26.0833.52910	P3E
43	056.26.0833.32117	S1
45	056.26.0833.16407	V1
47	056.26.0833.08890	V3
49	056.26.0833.04110	V5

Item	Drawing Number	Truss
2	056.26.0825.29400	A1A
4	056.26.0825.41890	A2
6	056.26.0827.37480	A4
8	056.26.0828.24630	B1E
10	056.26.0831.48000	B3
12	056.26.0835.59190	C1E
14	056.26.0835.49523	C2E
16	056.26.0835.38093	FG1
18	056.26.0835.29673	FG3
20	056.26.0835.18097	FL2
22	056.26.0834.53423	FL3
24	056.26.0834.34617	MG1
26	056.26.0834.16547	MV2
28	056.26.0834.12873	MV4
30	056.26.0834.29240	MV11
32	056.26.0834.23617	MV13
34	056.26.0834.20167	MV15
36	056.26.0834.05580	P1
38	056.26.0834.00320	P2
40	056.26.0833.55033	P3
42	056.26.0833.50633	P4
44	056.26.0833.29230	T1
46	056.26.0833.10890	V2
48	056.26.0833.06120	V4
50	BRCLBSUB0119	



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Site Information:	**Page 2:**
Customer: W. B. Howland Company, Inc.	*Job Number:* 26-3388d
Job Description: JOHNSON	
Address: 8355 SW ELIN CHURCH RD, Fort White, FL 32038	

Item	Drawing Number	Truss
51	VAL180220723	
53	PB160220723	

Item	Drawing Number	Truss
52	VALTN220723	
54	STRBRIBR1014	

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)

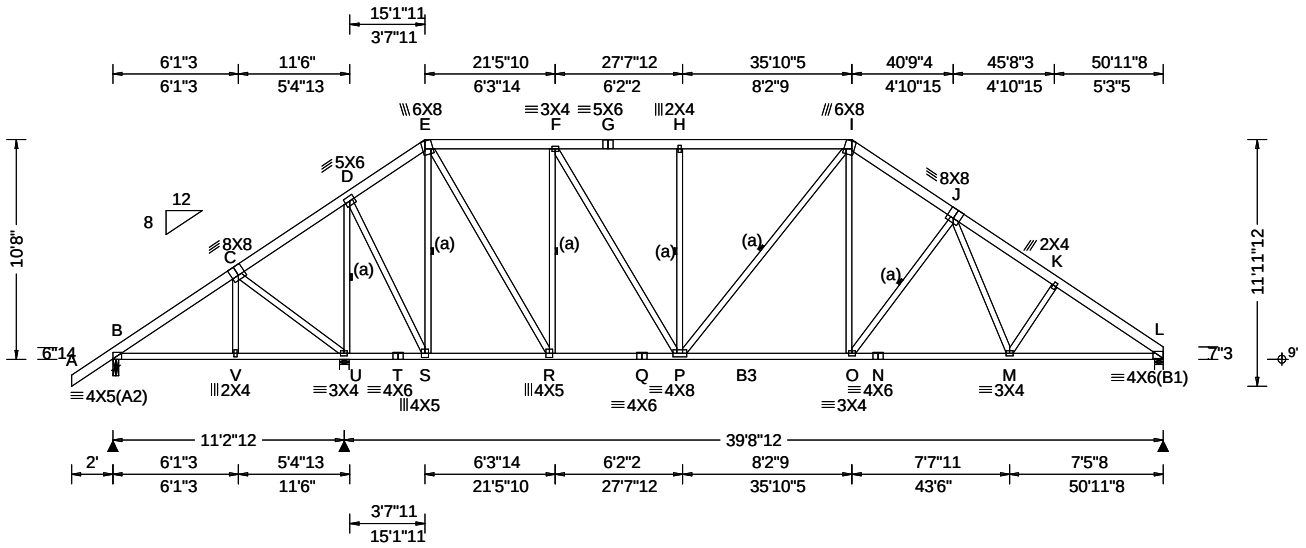
Key to Terms (continued):
Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).
TCDL = Top Chord standard design Dead Load in pounds per square foot.
TCLL = Top Chord standard design Live Load in pounds per square 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: 728205 COMN FROM: RFG	Ply: 1 Qty: 6	**Job Number:** 26-3388d JOHNSON **Truss Label:** A1		Cust: R 215 JRef:1YHX2150002 T5 DrwNo: 056.26.0825.25350 JB / DF 02/25/2026	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)			**Defl/CSI Criteria**				**▲Maximum Reactions (lbs)**						
TCLL: 20.00		Wind Std: ASCE 7-22	Pg: NA	Ct: NA	CAT: NA	PP Deflection in	loc	L/defl	L/#		Gravity			Non-Gravity		
TCDL: 10.00		Speed: 130 mph	Pf: NA		Ce: NA	VERT(LL): 0.123	O	999	360	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00		Enclosure: Enclosed	Lu: NA	Cs: NA		VERT(CL): 0.226	O	999	240	B	525	/-	/-	/282	/93	/511
BCDL: 10.00		Risk Category: II	Snow Duration: NA			HORZ(LL): 0.057	L	-	-	U	2611	/-	/-	/1480	/312	/-
Des Ld: 40.00		EXP: C Kzt: NA				HORZ(TL): 0.104	L	-	-	L	1920	/-	/-	/1085	/232	/-
NCBCLL: 10.00		Mean Height: 17.41 ft	Building Code:			Creep Factor: 2.0				Wind reactions based on MWFRS						
Soffit: 2.00		TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.			Max TC CSI: 0.539				B Brg Wid = 3.5 Min Req = 1.5 (Truss)						
Load Duration: 1.25		BCDL: 5.0 psf	TPI Std: 2014			Max BC CSI: 0.786				U Brg Wid = 5.5 Min Req = 2.7 (Truss)						
Spacing: 24.0 "		MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes			Max Web CSI: 0.769				L Brg Wid = 5.0 Min Req = 2.3 (Truss)						
		C&C Dist a: 5.10 ft	FT/RT:20(0)/10(0)							Bearings B, U, & L are a rigid surface.						
		Loc. from endwall: Any	Plate Type(s):							Members not listed have forces less than 375#						
		GCpi: 0.18	WAVE							**Maximum Top Chord Forces Per Ply (lbs)**						
		Wind Duration: 1.60				VIEW Ver: 24.02.00D.0114.10				Chords	Tens.	Comp.		Chords	Tens.	Comp.
										D - E	334	- 837		H - I	755	- 1887
										E - F	613	- 1440		I - J	599	- 2315
										F - G	768	- 1886		J - K	664	- 2787
										G - H	768	- 1886		K - L	627	- 2959

Lumber

Top chord: 2x6 SP #2;
Bot chord: 2x4 SP #2; B3 2x4 SP M-31;
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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

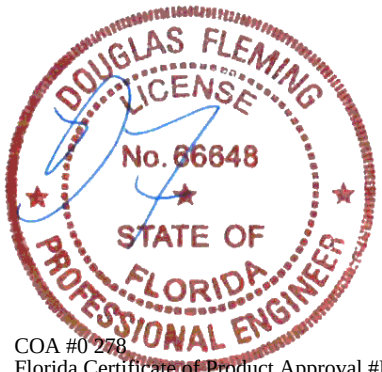
The overall height of this truss excluding overhang is 10-8-0.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	441	- 259	P - O	1863	- 107
V - U	441	- 260	O - N	2138	- 275
S - R	643	- 106	N - M	2138	- 275
R - Q	1470	- 11	M - L	2343	- 427
Q - P	1470	- 11			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - U	228	- 426	R - F	298	- 1097
U - D	445	- 2271	F - P	832	- 162
D - S	1627	- 155	H - P	199	- 480
E - S	192	- 1266	I - O	761	- 150
E - R	1585	- 277	O - J	285	- 466



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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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

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155 Harlem Ave
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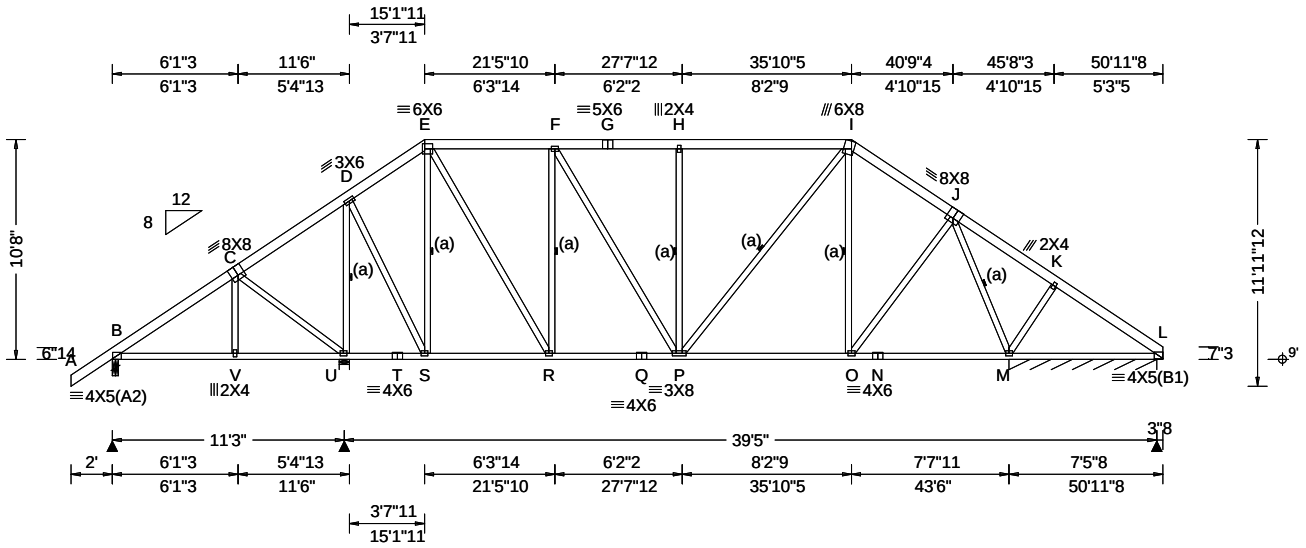
Glenview, IL 60025

SEQN: 728192 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** A1A	Cust: R 215 JRef:1YHX2150002 T20 DrwNo: 056.26.0825.29400 JB / DF 02/25/2026	



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: C Kzt: NA
Mean Height: 17.41 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 5.10 ft
Loc. from endwall: not in 13.00 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): 0.048	H	999	360
VERT(CL): 0.099	H	999	240
HORZ(LL): 0.018	L	-	-
HORZ(TL): 0.038	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.300
Max BC CSI: 0.582
Max Web CSI: 0.475

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	659	/-	/-	/368	/112	/511
U	1751	/-	/-	/1256	/233	/-
M*	282	/-	/-	/183	/40	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
U Brg Wid = 6.0 Min Req = 2.1 (Truss)
M Brg Wid = 86.0 Min Req = -
Bearings B, U, & M 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	146	- 565	G - H	528	- 1101
D - E	271	- 689	H - I	522	- 1102
E - F	456	- 951	I - J	275	- 1007
F - G	528	- 1101			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	526	- 217	Q - P	967	- 2
V - U	526	- 217	P - O	777	0
S - R	522	- 104	O - N	419	0
R - Q	967	- 2	N - M	419	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - U	169	- 417	R - F	160	- 626
U - D	224	- 1404	H - P	165	- 484
D - S	913	- 30	P - I	523	- 81
E - S	79	- 727	O - J	633	- 4
E - R	866	- 116	J - M	281	- 1462

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

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

Plating Notes
All plates are 3X4 except as noted.

Wind
Wind loads based on MWFRS with additional C&C member design.
Right cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.
The overall height of this truss excluding overhang is 10-8-0.

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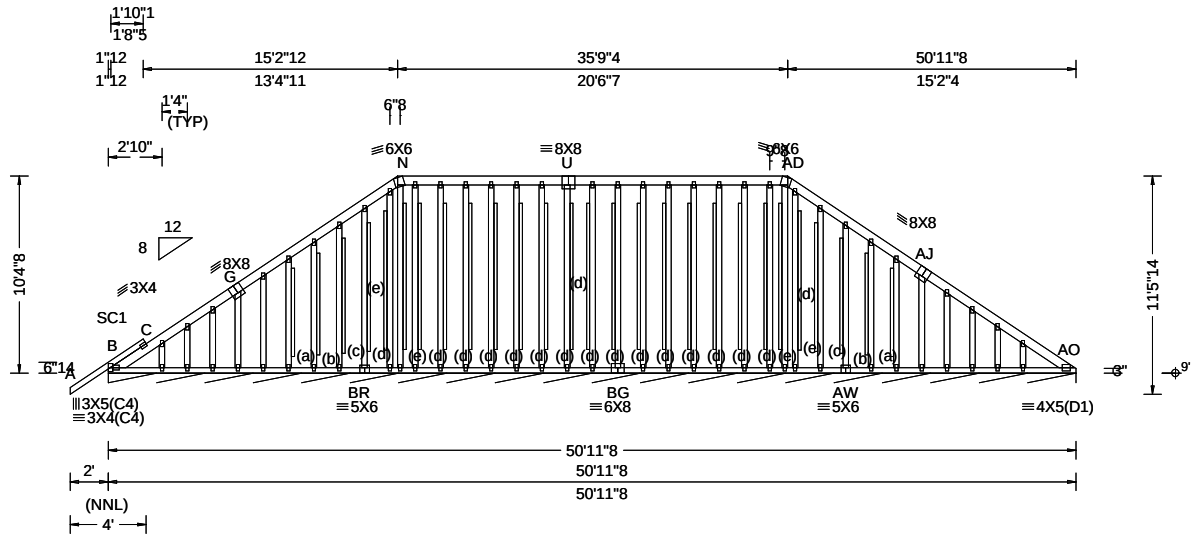
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728209 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** A1E	Cust: R 215 JRef:1YHX2150002 T54 DrwNo: 056.26.0825.36517 JB / DF 02/25/2026	



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 V 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.004 V 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 AO - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.013 AI - -
NCBCLL: 10.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.551
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.160
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.991
	C&C Dist a: 5.10 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	VIEW Ver: 24.02.00D.0114.10
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	179	/-	/-	/54	/26	/9

Wind reactions based on MWFRS
B Brg Wid = 611 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	725	-902	U -AD	421	-69
G - N	462	-205	AD-AJ	462	-75
N - U	421	-70			

Lumber

Top chord: 2x6 SP #2;
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 1-4-0 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

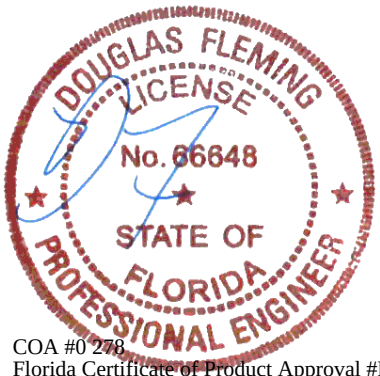
In lieu of structural panels use purlins to brace all sloping TC @ 24" oc; all flat TC @ 0" oc.

Wind

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

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/230.



COA #0 278
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02/25/2026

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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

Gable Reinforcement

(a) 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.
(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) 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.
(d) 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.
(e) 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.

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.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 10-4-8.

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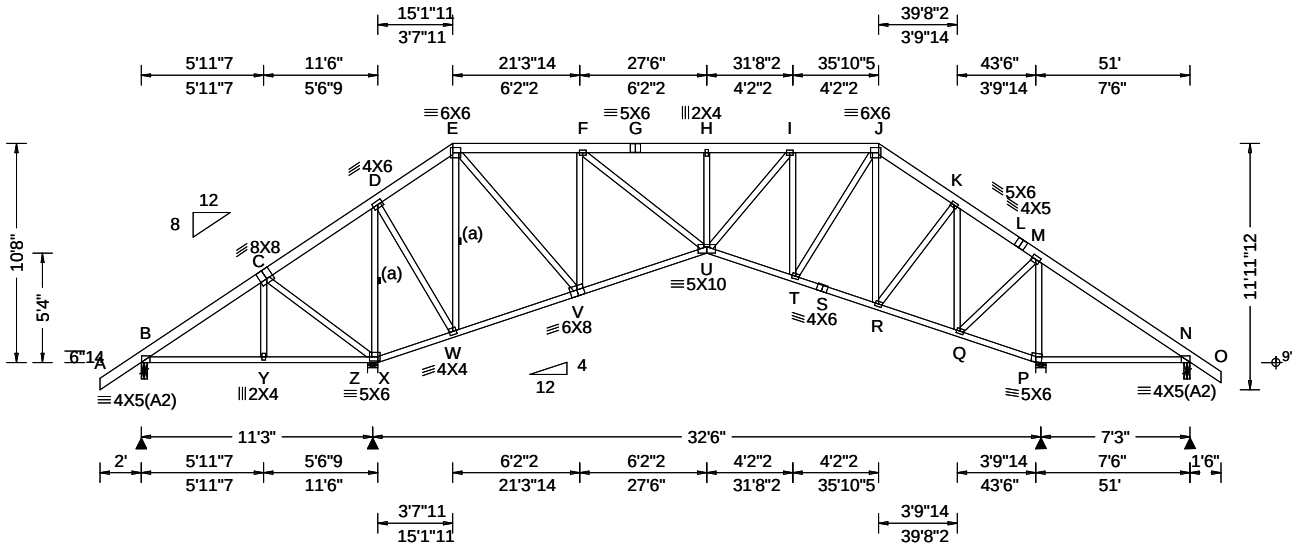
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728195 COMN FROM: RFG	Ply: 1 Qty: 6	**Job Number:** 26-3388d JOHNSON **Truss Label:** A2		Cust: R 215 JRef:1YHX2150002 T27 DrwNo: 056.26.0825.41890 JB / DF 02/25/2026	



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): 0.079 H 999 360
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.164 H 999 240
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.057 P - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.118 P - -
NCBCLL:	10.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.454
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.410
Spacing:	24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: No	Max Web CSI: 0.941
		C&C Dist a: 5.10 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 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
B	374	/-86	/-	/131	/119	/496
Z	2340	/-	/-	/1610	/244	/-
P	1945	/-	/-	/1170	/179	/-
N	288	/-163	/-	/112	/149	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
Z Brg Wid = 6.0 Min Req = 2.8 (Truss)
P Brg Wid = 6.0 Min Req = 2.3 (Truss)
N Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings B, Z, P, & N 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	490	-172	I - J	388	-1073
C - D	826	-129	J - K	294	-837
E - F	405	-776	K - L	273	-399
F - G	454	-1499	L - M	252	-429
G - H	454	-1499	M - N	655	-8
H - I	440	-1499			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Y	248	-378	T - S	692	0
Y - X	247	-379	S - R	683	0
X - W	223	-691	Q - P	98	-570
V - U	873	-61	P - N	82	-484
U - T	1175	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - X	169	-461	I - T	43	-736
D - X	185	-1759	T - J	793	-2
D - W	1242	-1	R - J	0	-522
E - W	53	-1184	R - K	617	0
E - V	1158	-69	K - Q	34	-950
V - F	139	-999	Q - M	1060	0
F - U	890	0	P - M	261	-1642
U - I	631	-39			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 10-8-0.

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02/25/2026

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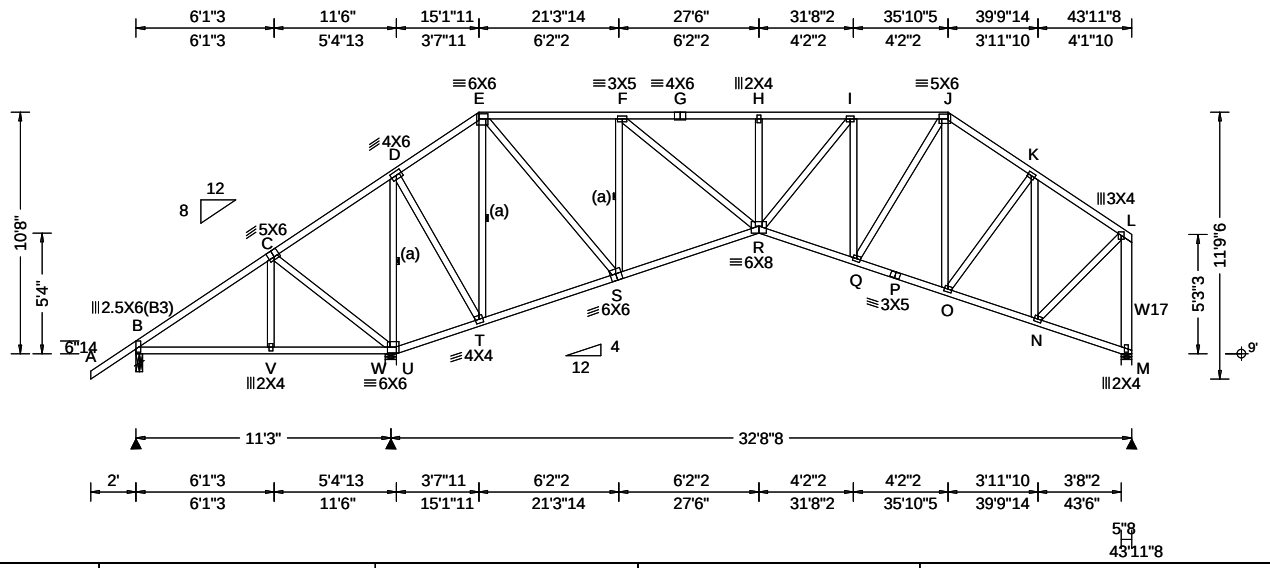
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728197 COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 26-3388d JOHNSON **Truss Label:** A3	Cust: R 215 JRef:1YHX2150002 T24 DrwNo: 056.26.0825.46087 JB / DF 02/25/2026	



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): 0.099 H 999 360
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.206 H 999 240
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.075 M - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.154 M - -
NCBCLL:	10.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.536
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.428
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.660
		C&C Dist a: 4.40 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 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
B	354	/-109	/-	/68	/34	/485
W	2476	/-	/-	/1581	/-	/-
M	1229	/-	/-	/758	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
W Brg Wid = 6.0 Min Req = 2.9 (Truss)
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, W, & M 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	519	- 162	H - I	498	- 1762
C - D	868	- 138	I - J	406	- 1354
E - F	352	- 875	J - K	295	- 1195
F - G	503	- 1762	K - L	183	- 900
G - H	503	- 1762			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	232	- 391	R - Q	1470	- 93
V - U	231	- 393	Q - P	994	- 53
U - T	173	- 719	P - O	982	- 60
S - R	982	- 74	O - N	766	- 102

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - U	178	- 475	R - I	609	- 55
D - U	322	- 1875	I - Q	96	- 732
D - T	1347	- 119	Q - J	792	- 52
E - T	175	- 1295	K - N	155	- 757
E - S	1298	- 141	N - L	930	- 116
S - F	210	- 1140	L - M	225	- 1193
F - R	1105	- 108			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W17 2x6 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

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.

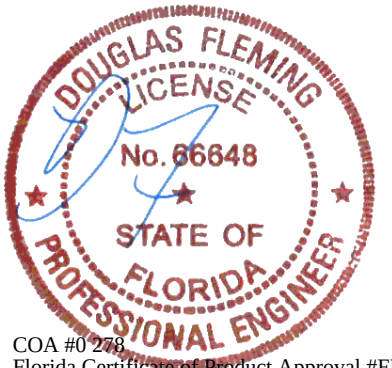
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 10-8-0.



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02/25/2026

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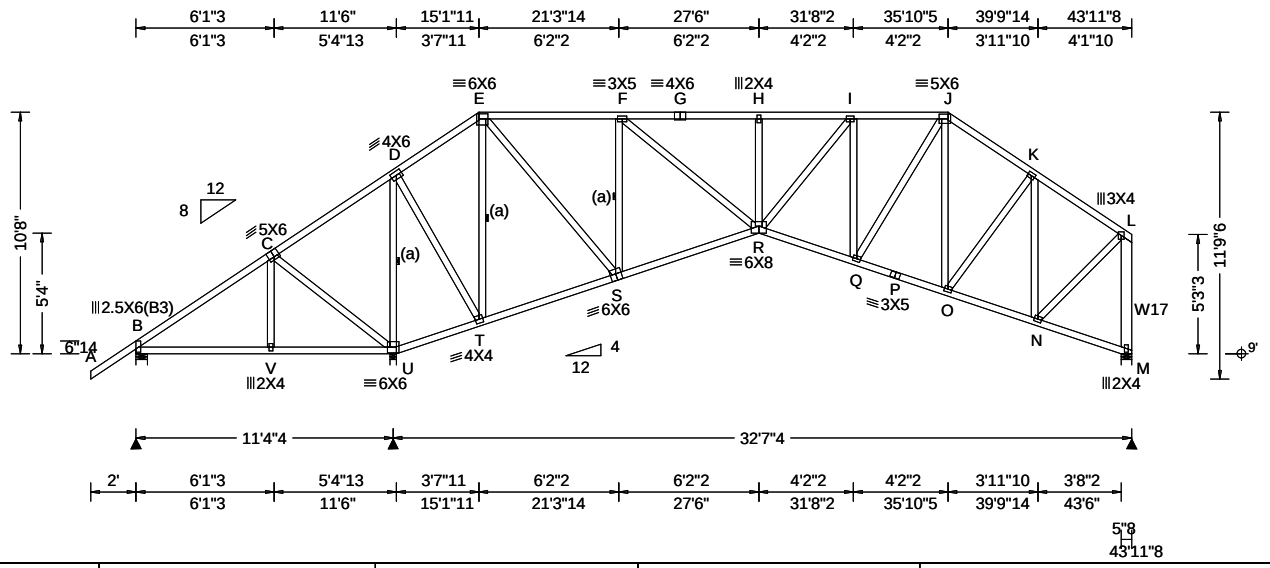
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728199 COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 26-3388d JOHNSON **Truss Label:** A4	Cust: R 215 JRef:1YHX2150002 T29 DrwNo: 056.26.0827.37480 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 17.41 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.40 ft
Loc. from endwall: not in 13.00 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): 0.099	H	999	360
VERT(CL): 0.206	H	999	240
HORZ(LL): 0.075	M	-	-
HORZ(TL): 0.154	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.536
Max BC CSI: 0.428
Max Web CSI: 0.660

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	354	/-110	/-	/68	/34	/485
U	2476	/-	/-	/1581	/-	/-
M	1229	/-	/-	/758	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
U Brg Wid = 3.5 Min Req = 2.9 (Truss)
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, U, & M 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	519	- 162	H - I	498	- 1762
C - D	868	- 138	I - J	406	- 1354
E - F	352	- 875	J - K	295	- 1195
F - G	503	- 1762	K - L	183	- 900
G - H	503	- 1762			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	232	- 391	R - Q	1470	- 93
V - U	231	- 394	Q - P	994	- 53
U - T	173	- 719	P - O	982	- 60
S - R	982	- 74	O - N	766	- 102

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - U	178	- 475	R - I	609	- 55
D - U	322	- 1875	I - Q	96	- 732
D - T	1347	- 119	Q - J	792	- 52
E - T	175	- 1295	K - N	155	- 757
E - S	1298	- 141	N - L	929	- 116
S - F	210	- 1140	L - M	225	- 1193
F - R	1105	- 108			

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W17 2x6 SP #2;

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

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

Additional Notes
Shim all supports to solid bearing.
The overall height of this truss excluding overhang is 10-8-0.

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02/25/2026

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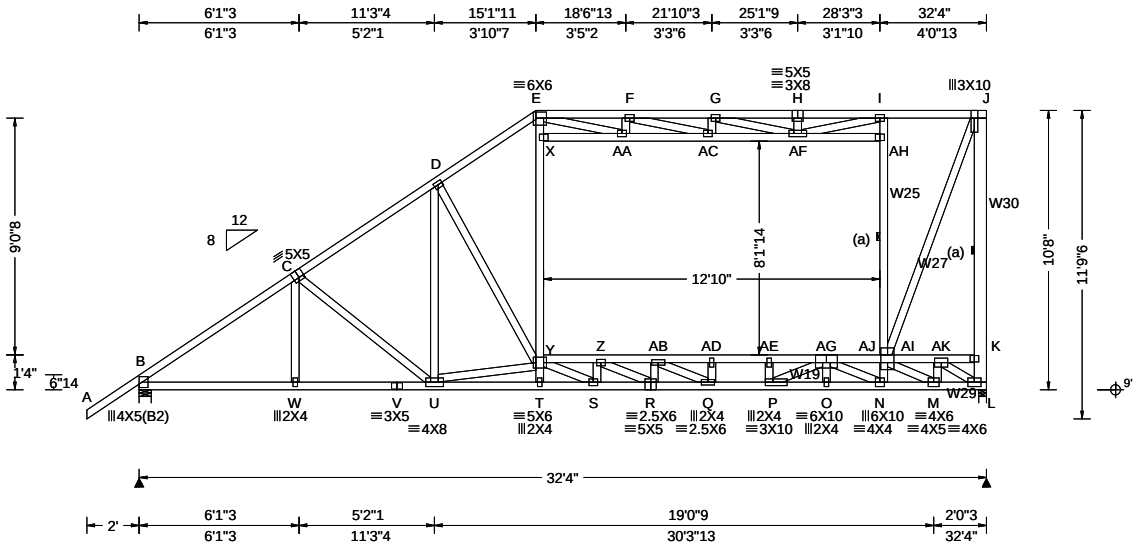
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728217 ATIC FROM: RFG	Ply: 1 Qty: 8	**Job Number:** 26-3388d JOHNSON **Truss Label:** B1		Cust: R 215 JRef:1YHX2150002 T13 DrwNo: 056.26.0827.43710 JB / DF 02/25/2026	



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): 0.272 T 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.540 T 717 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.163 AF - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.327 AF - -
NCBCLL: 10.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.464
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.426
Spacing: 16.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.834
	C&C Dist a: 3.23 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	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
B	1406	/-	/-	/643	/88	/327
L	1741	/-	/-	/735	/87	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
L Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings B & 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	156	- 1992	F - G	571	- 2250
C - D	170	- 1797	G - H	458	- 1663
D - E	99	- 1416	H - I	458	- 1663
E - F	448	- 2073	I - J	213	- 1068

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	1577	- 423	R - Q	2208	- 89
W - V	1577	- 424	Q - P	960	0
V - U	1577	- 424	P - O	549	- 1502
U - T	2873	- 869	O - N	549	- 1502
T - S	2968	- 897	N - M	609	- 3330
S - R	2647	- 411	M - L	317	- 1647

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - D	551	- 194	G -AF	176	- 628
U - Y	565	- 1492	AE- P	92	- 667
D - Y	309	- 666	AE-AG	416	- 444
E - X	448	0	P -AG	2445	- 295
E -AA	864	- 266	AF- I	801	- 256
X - Y	425	0	AG- N	63	- 1724
Y - S	474	- 396	AG-AI	4108	- 762
Y - Z	306	- 1634	I -AH	179	- 532
Z - R	319	- 404	N -AI	1086	- 16
Z -AB	0	- 1222	AH-AI	184	- 566
AA-AC	1029	- 316	AI- M	1678	- 283
R -AB	403	- 158	AI-AK	1900	- 368
AB- Q	400	- 1554	AJ- J	2814	- 386
AB-AD	341	- 418	M -AK	182	- 890
Q -AD	386	- 93	AK- L	1775	- 347
AC-AF	1140	- 364	K - J	370	- 2630
AD-AE	378	- 431	K - L	368	- 2625

Lumber

Top chord: 2x4 SP M-31;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP #3; W19,W27,W29 2x4 SP #2;
W25 2x4 SP M-31; W30 2x6 SP 2400f-2.0E;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Loading

Attic room loading from 15-5-3 to 28-3-3: 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

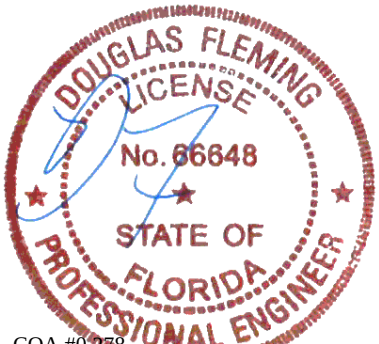
Wind loads based on MWFRS with additional C&C member design.

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 10-8-0.



COA #0 278
Florida Certificate of Product Approval #FL1998
02/25/2026

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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

ALPINE
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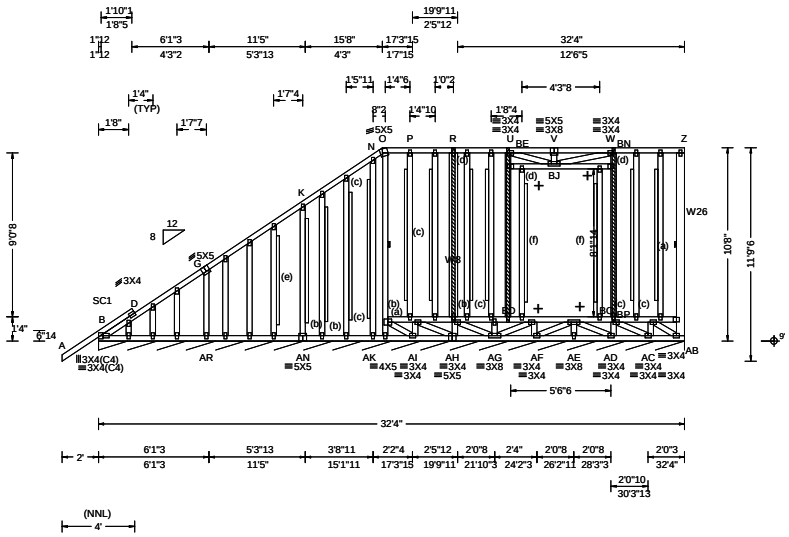
Glenview, IL 60025

SEQN: 728240 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** B1E		Cust: R 215 JRef:1YHX2150002 T19 DrwNo: 056.26.0828.24630 JB / DF 02/25/2026	



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): 0.022 V 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.036 V 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.003 W - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.014 Z - -
NCBCLL: 10.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.523
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.196
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.990
	C&C Dist a: 3.23 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), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AB*165	/-	/-		/72	/3	/13

Wind reactions based on MWFRS
AB Brg Wid = 388 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 - D	234	- 439	G - K	237	- 461
B - D	379	- 460	U - V	334	- 570
D - G	308	- 648	V - W	334	- 570

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AR	759	- 247	AR-AN	766	- 251

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
BD-AG	125	- 600	BJ- W	585	- 116
BE- U	93	- 455	W -BN	134	- 630
U -BJ	602	- 115	AD-BP	140	- 660
V -BJ	109	- 516	BN-BO	115	- 545

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W8 2x6 SP 2400f-2.0E;
W26 2x6 SP #2;
Stack Chord: SC1 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.

Attic room loading from 22-8-13 to 28-3-3: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

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

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

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS.

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.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/201.

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02/25/2026

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Gable Reinforcement

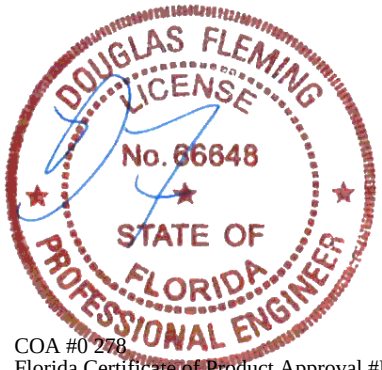
(b) 2x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(d) 2x3 "T" reinforcement. Any species and grade. 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) 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.
(f) 2x6 "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.

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 10-8-0.



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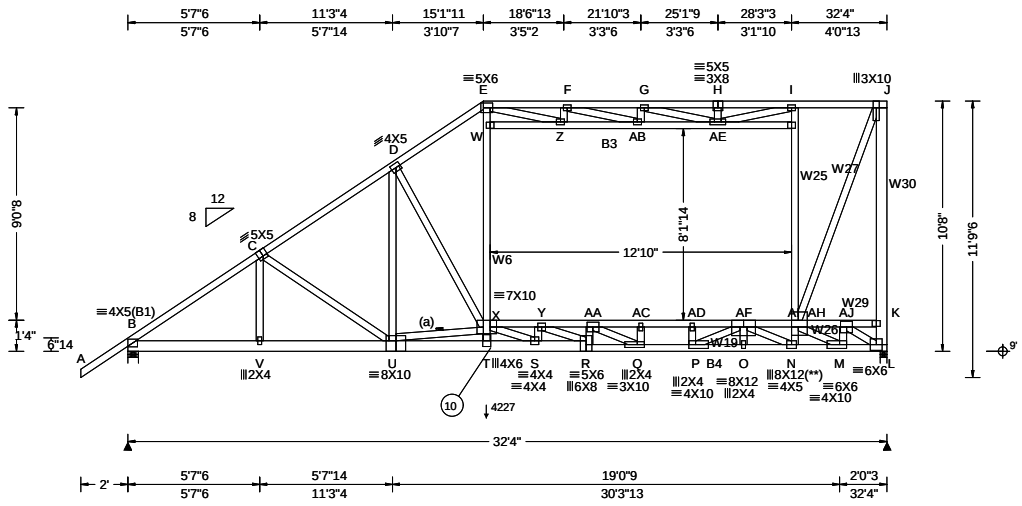
02/25/2026

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

SEQN: 728260 ATIC FROM: RFG	Ply: 3 Qty: 2	**Job Number:** 26-3388d JOHNSON **Truss Label:** B2		Cust: R 215 JRef:1YHX2150002 T23 DrwNo: 056.26.0831.17417 JB / DF 02/25/2026	

3 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): 0.352 T 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.702 T 550 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.227 AE - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.454 AE - -
NCBCLL: 0.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.751
Load Duration: 1.00	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.724
Spacing: 16.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.893
	C&C Dist a: 3.23 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	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
B	3652	/-	/-	/-	/204	/-
L	3723	/-	/-	/-	/166	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
L Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings B & 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	83	- 1882	F - G	150	- 1450
C - D	73	- 1919	G - H	105	- 1016
D - E	46	- 1411	H - I	105	- 1016
E - F	123	- 1575	I - J	29	- 1070

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	1536	- 62	R - Q	2123	- 27
V - U	1537	- 62	P - O	61	- 2987
U - T	4952	- 139	O - N	61	- 2987
T - S	5166	- 143	N - M	66	- 4700
S - R	3598	- 77	M - L	36	- 2292

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - D	936	- 20	AC-AD	1349	- 57
U - X	88	- 3444	G -AE	49	- 430
D - X	41	- 892	AD- P	12	- 765
E - W	747	0	AD-AF	1455	- 59
W - X	730	0	P -AF	2959	- 38
X - T	950	- 22	AF- N	5	- 1630
X - S	62	- 1414	AF-AH	5543	- 97
X - Y	54	- 2755	N -AH	966	0
S - Y	867	- 29	AH- M	2395	- 28
Y - R	50	- 1379	AH-AJ	2653	- 42
Y -AA	2	- 1275	AI- J	2817	- 76
Z -AB	487	- 99	M -AJ	20	- 1288
R -AA	930	- 23	AJ- L	2513	- 38
AA- Q	58	- 2590	K - J	78	- 2574
AA-AC	1255	- 64	K - L	77	- 2563
Q -AC	677	- 12			

Lumber

Top chord: 2x4 SP M-31;
Bot chord: 2x6 SP 2400f-2.0E; B3,B4 2x4 SP M-31;
Webs: 2x4 SP #3; W6,W19,W26,W27,W29 2x4 SP #2;
W25 2x4 SP M-31; W30 2x6 SP 2400f-2.0E;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 8.25" 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.

Plating Notes

All plates are 3X4 except as noted.

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

Loading

Attic room loading from 15-5-3 to 28-3-3: 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.

Additional Notes

The overall height of this truss excluding overhang is 10-8-0.

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.

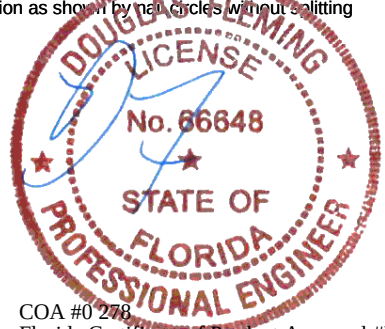
Special loads

------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	43 plf at	-2.00 to	43 plf at	32.33
PLT: From	13 plf at	15.43 to	13 plf at	28.27
PLT: From	67 plf at	15.43 to	67 plf at	28.27
BC: From	3 plf at	-2.00 to	3 plf at	0.00
BC: From	13 plf at	0.00 to	13 plf at	32.33

BC: 4227 lb Conc. Load at 15.27
BC: 109 lb Conc. Load at 15.43,28.27

Evenly distribute additional (0.128"X3.0"_ min_nails) in third ply of (3) Ply truss opposite from hanger connection as shown by nail circles without splitting lumber.



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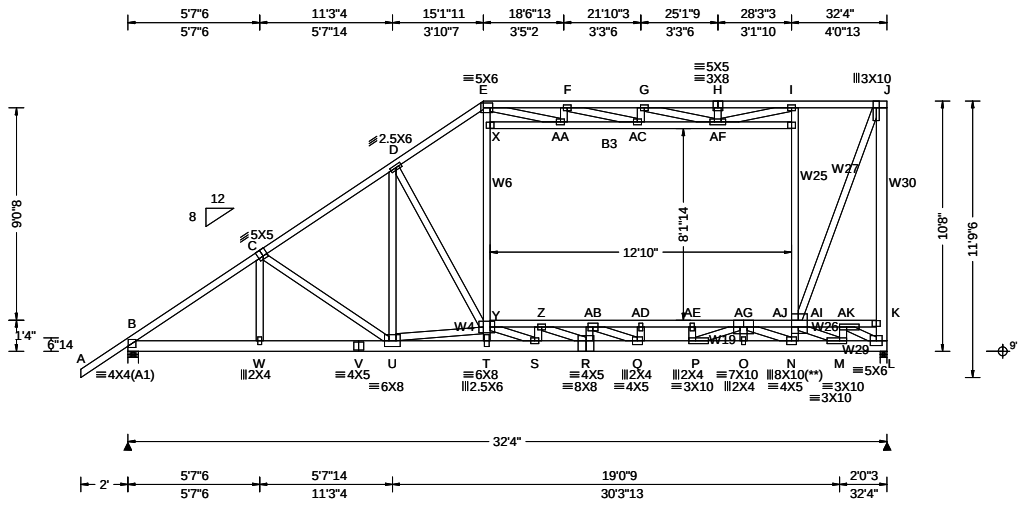
SEQN: 728262 ATIC FROM: RFG	Ply: 3 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** B3	Cust: R 215 JRef:1YHX2150002 T18 DrwNo: 056.26.0831.48000 JB / DF 02/25/2026	

3 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): 0.241 T 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.479 T 806 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.149 AF - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.297 AF - -
NCBCLL: 0.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.582
Load Duration: 1.00	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.505
Spacing: 16.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.736
	C&C Dist a: 3.23 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
B	3207	/-	/-	/-	/204	/-
L	4405	/-	/-	/-	/166	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
L Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings B & 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	83	-1641	F - G	151	-1395
C - D	73	-1656	G - H	106	-1049
D - E	46	-1289	H - I	106	-1049
E - F	123	-1446	I - J	29	-991

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	1337	-62	R - Q	1863	-26
W - V	1338	-62	P - O	64	-1786
V - U	1338	-62	O - N	64	-1786
U - T	3657	-140	N - M	68	-3638
T - S	3839	-144	M - L	38	-1776
S - R	2866	-78			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - D	654	-20	AC-AF	379	-121
U - Y	89	-2345	AD-AE	710	-73
D - Y	41	-638	AE-AG	755	-58
E - X	645	0	P -AG	2261	-41
X - Y	629	0	AG- N	5	-1654
Y - T	708	-21	AG-AI	4299	-99
Y - S	62	-878	N -AI	1220	-1
Y - Z	55	-2013	AI- M	1823	-28
S - Z	539	-29	AI-AK	2051	-44
Z - R	51	-912	AJ- J	2609	-76
Z -AB	1	-1036	M -AK	20	-899
AA-AC	446	-99	AK- L	1873	-39
R -AB	649	-24	K - J	78	-2402
AB- Q	57	-1711	K - L	78	-2396
AB-AD	679	-76			

Lumber

Top chord: 2x4 SP M-31;
Bot chord: 2x6 SP 2400f-2.0E; B3 2x4 SP M-31;
Webs: 2x4 SP #3; W4,W19,W26,W27,W29 2x4 SP #2;
W6,W25 2x4 SP M-31; W30 2x6 SP 2400f-2.0E;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 8.00" 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.

Plating Notes

All plates are 3X4 except as noted.

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

Loading

Attic room loading from 15-5-3 to 28-3-3: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

In lieu of rigid ceiling use purlins to brace BC @ 24" oc.

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

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 10-8-0.

Special loads

------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	43 plf at	-2.00 to	43 plf at	32.33
PLT: From	13 plf at	15.43 to	13 plf at	28.27
PLT: From	67 plf at	15.43 to	67 plf at	28.27
BC: From	3 plf at	-2.00 to	3 plf at	0.00
BC: From	13 plf at	0.00 to	13 plf at	32.33

BC: 2992 lb Conc. Load at 15.27
BC: 109 lb Conc. Load at 15.43 26.27
BC: 764 lb Conc. Load at 26.04
BC: 236 lb Conc. Load at 27.56 29.56 31.56

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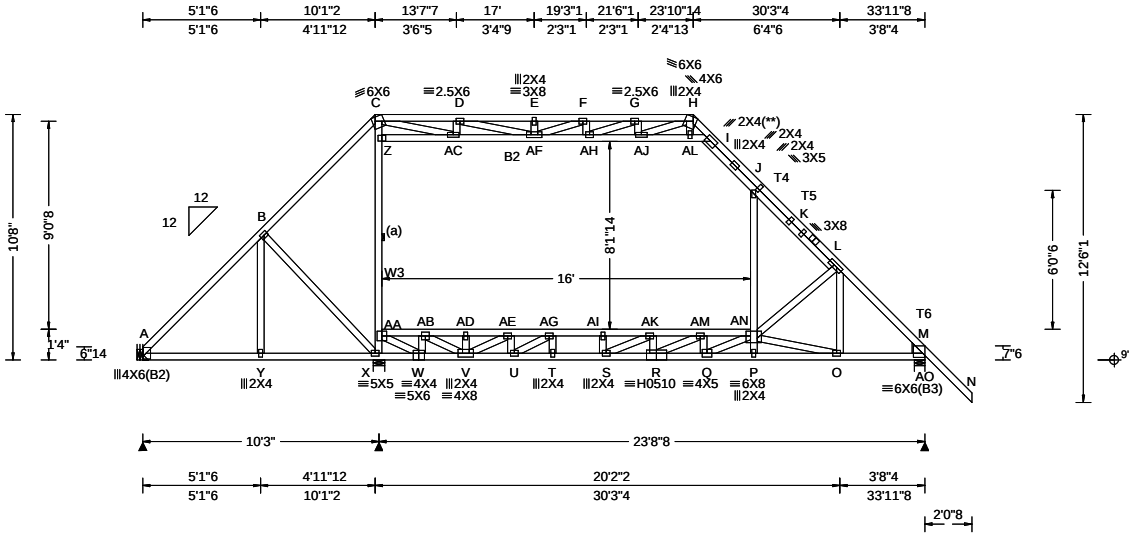
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728253 ATIC	Ply: 1	**Job Number:** 26-3388d	Cust: R 215 JRef:1YHX2150002 T53
FROM: RFG	Qty: 5	JOHNSON	DrwNo: 056.26.0831.54070
Page 1 of 2		**Truss Label:** C1	JB / DF 02/25/2026



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):	0.289	AK	987	360
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL):	0.568	S	503	240
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	-0.135	J	-	-
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL):	0.267	J	-	-
NCBCLL:	10.00	Mean Height: 17.07 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.519			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.512			
Spacing:	19.2 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI:	0.598			
		C&C Dist a: 3.40 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: Any	Plate Type(s):	VIEW Ver: 24.02.00D.0114.10				
		GCpi: 0.18	WAVE, HS					
		Wind Duration: 1.60						

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1766	/-	/-	/879	/106	/421
X	558	/-	/-	/519	/366	/-
AO	2147	/-	/-	/834	/134	/-

Wind reactions based on MWFRS
A Brg Wid = - Min Req = -
X Brg Wid = 6.0 Min Req = 1.5 (Truss)
AO Brg Wid = 5.5 Min Req = 1.8 (Truss)
Bearings X & AO 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.
I - J	2172	- 126	G - H	345	- 1251
A - B	268	- 2232	H - I	123	- 564
B - C	342	- 2088	J - K	2106	- 254
C - D	588	- 2202	K - L	332	- 2811
D - E	712	- 2407	L - M	250	- 2541
E - F	712	- 2407	K - L	511	- 129
F - G	577	- 2036			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - Y	1498	- 21	T - S	4449	0
Y - X	1498	- 21	S - R	4124	0
X - W	1053	0	R - Q	3341	- 78
W - V	2395	0	Q - P	2145	- 325
V - U	4014	0	P - O	2119	- 317
U - T	4441	0	O - M	1697	- 16

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Z	1068	- 282	AG-AI	0	- 2992
C -AC	1160	- 238	AH- G	716	- 157
X -AA	444	- 314	AH-AJ	97	- 398
Z -AA	1044	- 284	AI-AK	0	- 2970
Z -AC	35	- 387	S -AK	415	- 62
AA- W	1269	0	G -AJ	99	- 428
AA-AB	0	- 801	AJ-AL	243	- 1264
W -AB	0	- 727	AJ- H	1125	- 239
AB- V	1123	0	AK-AM	101	- 2569
AB-AD	0	- 1908	R -AM	829	0
AC-AF	815	- 217	AL- I	244	- 1274
V -AE	0	- 755	AM- Q	37	- 486
AD-AE	0	- 1908	AM-AN	240	- 1771

Lumber

Top chord: 2x4 SP #2; T4,T5,T6 2x4 SP M-31;
Bot chord: 2x4 SP M-31; B2 2x4 SP #2;
Webs: 2x4 SP #3; W3 2x4 SP M-31;
Rt Wedge: 2x6 SP #2;

Plating Notes

All plates are 3X4 except as noted.

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

Loading

Attic room loading from 10-4-10 to 26-4-10: 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.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-8-0.

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AE-AG	0	-2631	Q -AN	1256	-38
U -AG	65	-434	AN- J	980	0
AF-AH	654	-180	AN- O	325	-433

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', 9') 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.

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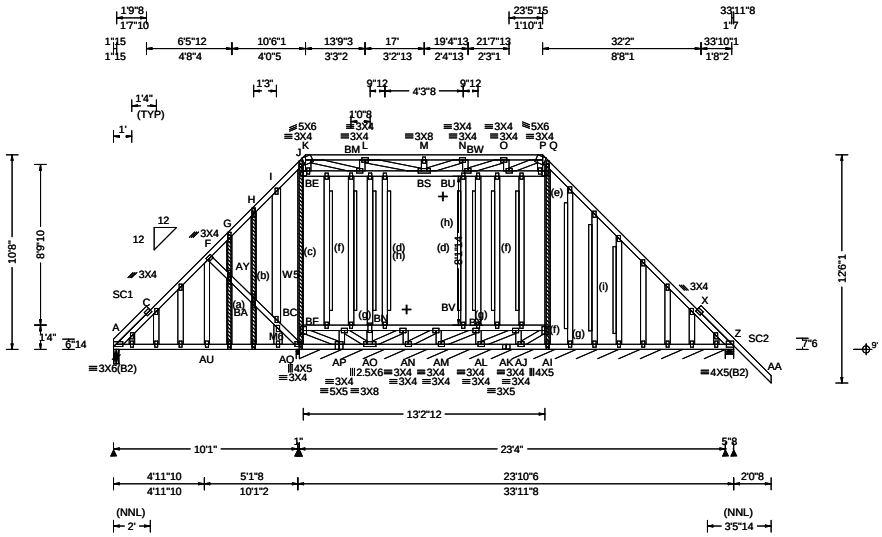
Glenview, IL 60025

SEQN: 728181 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** C1E		Cust: R 215 JRef:1YHX2150002 T2 DrwNo: 056.26.0835.59190 JB / DF 02/25/2026	



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):	0.027	AW999	360
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL):	0.075	AW999	240
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	0.024	D -	-
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL):	0.066	D -	-
NCBCLL:	10.00	Mean Height: 17.07 ft	Building Code:	Creep Factor: 2.0			
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.595		
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.460		
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI:	0.997		
		C&C Dist a: 3.40 ft	FT/RT:20(0)/10(0)				
		Loc. from endwall: Any	Plate Type(s):	VIEW Ver: 24.02.00D.0114.10			
		GCpi: 0.18	WAVE				
		Wind Duration: 1.60					

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	609	/-	/-	/366	/22	/513
AQ	1092	/-	/-	/802	/249	/-
AQ*	146	/-	/-	/73	/-	/-
Z	529	/-	/-	/263	/152	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 1.5 (Truss)
AQ Brg Wid = 2.0 Min Req = 1.5 (Truss)
AQ Brg Wid = 280 Min Req = -
Z Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A, AQ, AQ, & Z 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 - F	162	-530	M - N	425	-592
L - M	425	-592	Q - X	282	-385

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A -AU	484	-175	AL-AK	400	-113
AU-AQ	473	-174	AK-AJ	400	-113
AQ-AP	587	-178	AJ-AI	580	-175
AP-AO	485	-126	AI- Z	575	-175

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F -AY	393	-554	L -BS	456	-80
AY-BA	371	-528	BN-AO	36	-517
BA-BC	400	-571	M -BS	89	-465
BC-AQ	413	-582	BS- N	575	-106
AQ-BF	50	-453	N -BW	95	-643
BE-BF	58	-438	BU-BV	65	-419
BM- L	16	-798	BX-AL	86	-677

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W5,M6 2x6 SP 2400f-2.0E;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

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.

Attic room loading from 10-4-10 to 23-7-6: 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.

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/130.

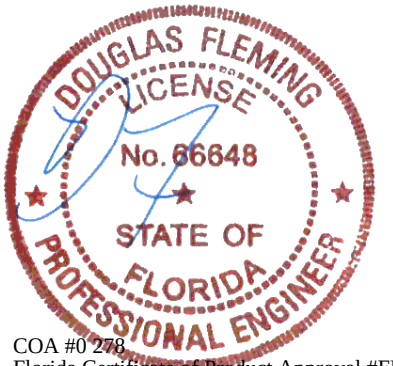
+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS.

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 10-8-0.



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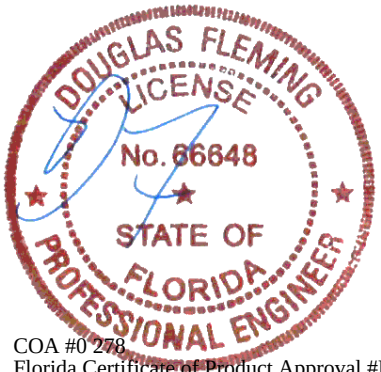
Gable Reinforcement

(a) 2x3 "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.
(b) 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.
(c) 2x4 SP/DF #2 or better "T" reinforcement. 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.
(d) 2x6 "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.
(e) 2x6 "T" reinforcement. Any species and grade. 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.
(f) 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.
(g) 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.
(h) 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.
(i) 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.



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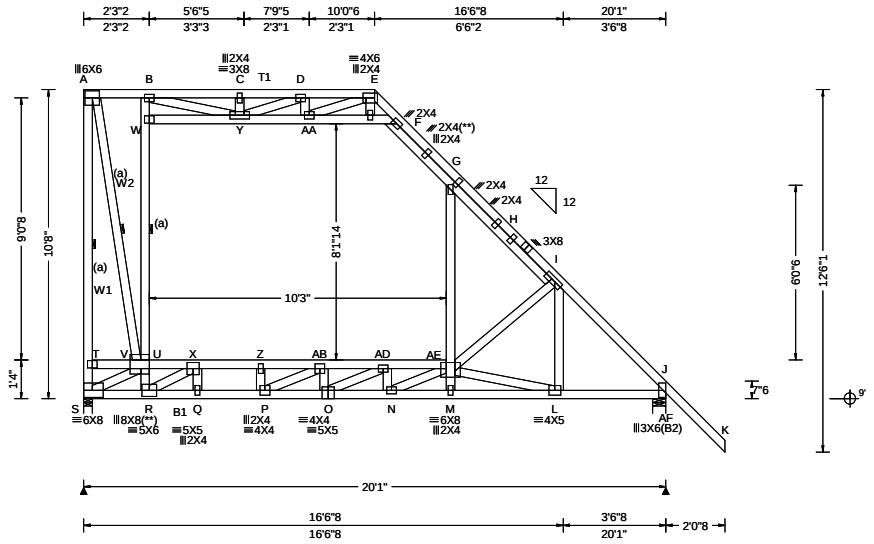
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728151 ATIC FROM: RFG	Ply: 1 Qty: 6	**Job Number:** 26-3388d JOHNSON **Truss Label:** C2		Cust: R 215 JRef:1YHX2150002 T51 DrwNo: 056.26.0835.53773 JB / DF 02/25/2026	



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):	0.230 N	999	360	
BCLL:	0.00	Enclosure: Enclosed	Lu: NA	Cs: NA		VERT(CL):	0.467 N	515	240	
BCDL:	10.00	Risk Category: II	Snow Duration: NA			HORZ(LL):	-0.183 F	-	-	
Des Ld:	40.00	EXP: C Kzt: NA				HORZ(TL):	0.376 F	-	-	
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:	0.621			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014			Max BC CSI:	0.923			
Spacing:	24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes			Max Web CSI:	0.863			
		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							
		Wind Duration: 1.60				VIEW Ver: 24.02.00D.0114.10				

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	1829	/-	/-	/529	/236	/414
AF	1575	/-	/-	/593	/62	/-

Wind reactions based on MWFRS
S Brg Wid = 3.5 Min Req = 1.5 (Truss)
AF Brg Wid = 5.5 Min Req = 1.9 (Truss)
Bearings S & AF 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.
F - G	1214	0	E - F	483	- 682
A - B	175	- 622	G - H	1115	- 41
B - C	710	- 1017	H - I	59	- 1477
C - D	710	- 1017	I - J	187	- 1732
D - E	762	- 1035			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	932	- 2087	O - N	2928	- 343
R - Q	777	- 251	N - M	3314	- 998
Q - P	856	- 226	M - L	3237	- 970
P - O	2448	0	L - J	1119	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - T	836	- 2876	Z - P	407	- 119
A - U	2969	- 834	P -AB	526	- 1988
S - T	828	- 2843	AA- E	478	- 339
S - U	2267	- 482	AB- O	497	- 208
U - W	470	- 559	AB-AD	278	- 1925
U - X	2302	- 601	O -AD	375	- 413
V - R	1537	- 162	AD-AE	679	- 2345
W - B	461	- 520	N -AE	639	- 557
R - X	388	- 2645	AE- L	1062	- 2174
B - Y	561	- 607	AE- I	281	- 621
X - Q	681	- 105	L - I	545	- 214
Y -AA	453	- 613			

Lumber

Top chord: 2x4 SP M-31; T1 2x4 SP #2;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
Webs: 2x4 SP #3; W1 2x4 SP M-31; W2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

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

Loading

Attic room loading from 2-3-2 to 12-6-2: 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.

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 10-8-0.

COA #0 278
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02/25/2026

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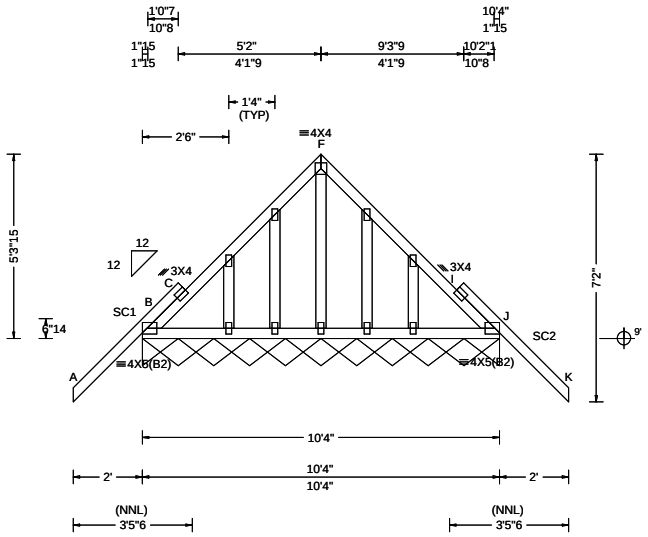
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728249 GABL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** C2E	Cust: R 215 JRef:1YHX2150002 T3 DrwNo: 056.26.0835.49523 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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): -0.003	C	999	360
VERT(CL): -0.006	C	999	240
HORZ(LL): 0.004	I	-	-
HORZ(TL): 0.008	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.770
Max BC CSI: 0.150
Max Web CSI: 0.686

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J*	170	/-	/-	/71	/58	/22

Wind reactions based on MWFRS
J Brg Wid = 123 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	771	- 957	I - J	732	- 965

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - J	563	- 70

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.

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.

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/330.

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 5-3-15.

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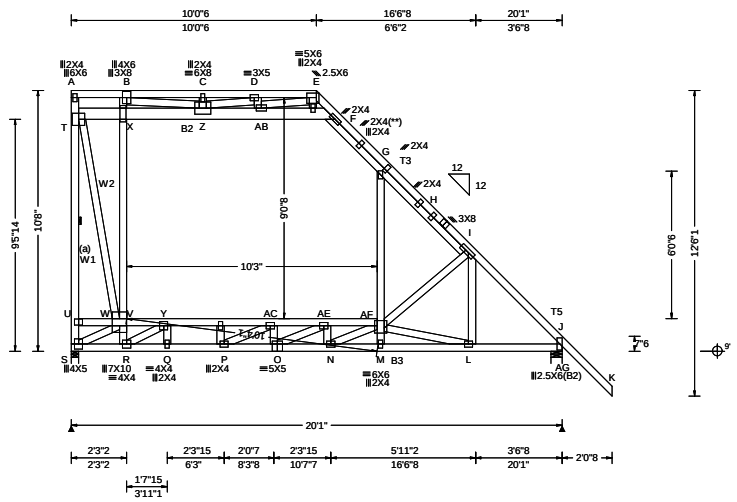
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728264 ATIC	Ply: 2	**Job Number:** 26-3388d	Cust: R 215 JRef:1YHX2150002 T7
FROM: RFG	Qty: 1	JOHNSON	DrwNo: 056.26.0835.45890
Page 1 of 2		**Truss Label:** C3	JB / DF 02/25/2026

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): 0.142 N 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.280 N 857 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.109 F - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.215 F - -
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: 0.986
Load Duration: 1.00	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.736
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Varies by Ld Case	Max Web CSI: 0.888
	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
S	4210	/-	/-	/529	/597	/299
AG	2230	/-	/-	/593	/252	/-

Wind reactions based on MWFRS
S Brg Wid = 3.5 Min Req = 1.7 (Truss)
AG Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings S & AG 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.
F - G	714	- 8	E - F	213	- 876
B - C	321	- 1371	G - H	690	- 27
C - D	321	- 1371	H - I	83	- 1077
D - E	355	- 1537	I - J	167	- 1296

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	418	- 881	O - N	1754	- 132
R - Q	567	- 112	N - M	1975	- 396
Q - P	616	- 100	M - L	1933	- 385
P - O	1482	- 53	L - J	855	- 106

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - U	381	- 2482	B - Z	1358	- 310
S - V	921	- 172	R - Y	158	- 1382
T - U	384	- 2492	Y - Q	407	- 49
T - V	2574	- 419	C - Z	106	- 492
T - X	134	- 764	Z -AB	1025	- 294
V - X	305	- 1453	P -AC	218	- 1032
V - Y	1297	- 268	AB- E	908	- 194
W - R	770	- 60	AC-AE	95	- 906
X - B	244	- 1135	AE-AF	266	- 1140
X - Z	108	- 607	AF- L	427	- 1106

Lumber

Top chord: 2x4 SP #2; T3,T5 2x4 SP M-31;
Bot chord: 2x4 SP M-31; B2 2x6 SP #2;
B3 2x4 SP #2;
Webs: 2x4 SP #3; W1 2x4 SP M-31; W2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 4.50" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	68 plf at	0.00 to	68 plf at	22.13
PLT: From	361 plf at	0.00 to	361 plf at	8.88
PLT: From	20 plf at	10.32 to	20 plf at	12.80
PLT: From	20 plf at	0.58 to	20 plf at	2.26
PLT: From	100 plf at	2.26 to	100 plf at	12.51
BC: From	20 plf at	0.00 to	20 plf at	20.08
BC: From	6 plf at	20.08 to	6 plf at	22.13

BC: 163 lb Conc. Load at 2.26
BC: 121 lb Conc. Load at 12.51

Purlins

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

Plating Notes

All plates are 3X4 except as noted.

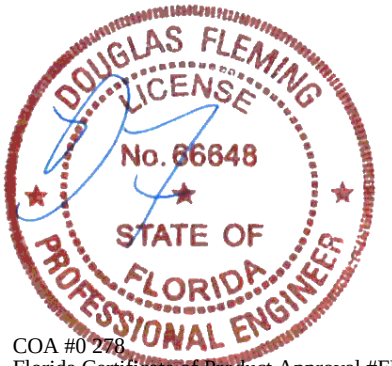
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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.



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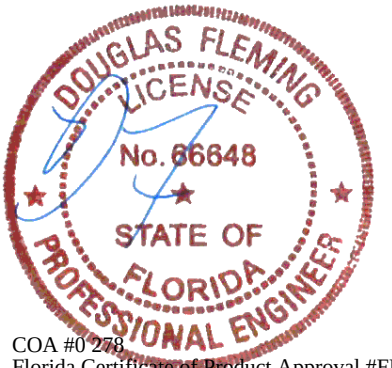
Glenview, IL 60025

SEQN: 728264 ATIC FROM: RFG Page 2 of 2	Ply: 2 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** C3	Cust: R 215 JRef:1YHX2150002 T7 DrwNo: 056.26.0835.45890 JB / DF 02/25/2026

Additional Notes

The overall height of this truss excluding overhang is 10-8-0.

WIND LOAD CASE MODIFIED!



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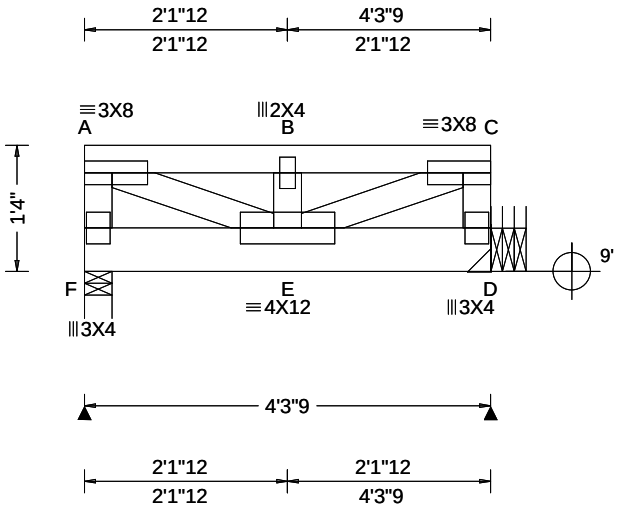
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728230 FLAT FROM: RFG Page 1 of 2	Ply: 2 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** FG1	Cust: R 215 JRef:1YHX2150002 T17 DrwNo: 056.26.0835.38093 JB / DF 02/25/2026	

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): 0.018	B	999	480
VERT(CL): 0.033	B	999	360
HORZ(LL): 0.003	A	-	-
HORZ(TL): 0.005	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.519
Max BC CSI: 0.236
Max Web CSI: 0.796

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	2715	/-	/-	/-	/-	/-
D	2992	/-	/-	/-	/-	/-

F Brg Wid = 3.5 Min Req = 1.5 (Truss)
D Brg Wid = - Min Req = -
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	0	-1551	B - C	0	-1551

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	0	-1044	E - C	1671	0
A - E	1672	0	C - D	0	-1044
B - E	0	-914			

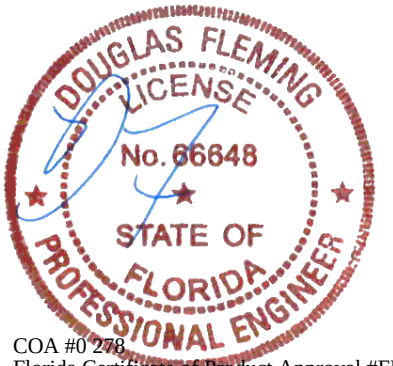
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 3.25" o.c.
Bot Chord: 2 Rows @ 4.50" 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.=1.00 / Plate Dur.Fac.=1.00)
TC: From 763 plf at 0.00 to 763 plf at 4.30
BC: From 5 plf at 0.00 to 5 plf at 4.30
BC: 1203 lb Conc. Load at 1.40, 3.40

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 1-4-0.



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02/25/2026

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ALPINE AN ITW COMPANY
155 Harlem Ave
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Glenview, IL 60025

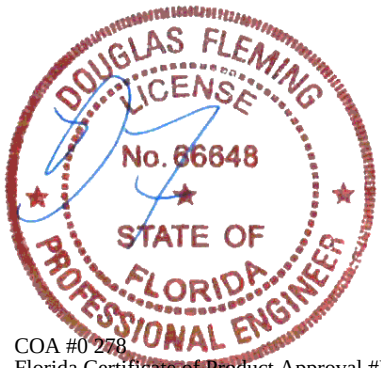
Hangers / Ties

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 connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Additional connection required to evenly distribute hanger reaction throughout all plies of supporting girder.

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=4'0"9 uses the following support conditions: 4'0"9
Bearing D (4'0"9, 9') HGUS26-2
Supporting Member: (3)2x6 SP 2400f-2.0E
(20) 0.148"x3" nails into supporting member,
(6) 0.148"x3" nails into supported member.

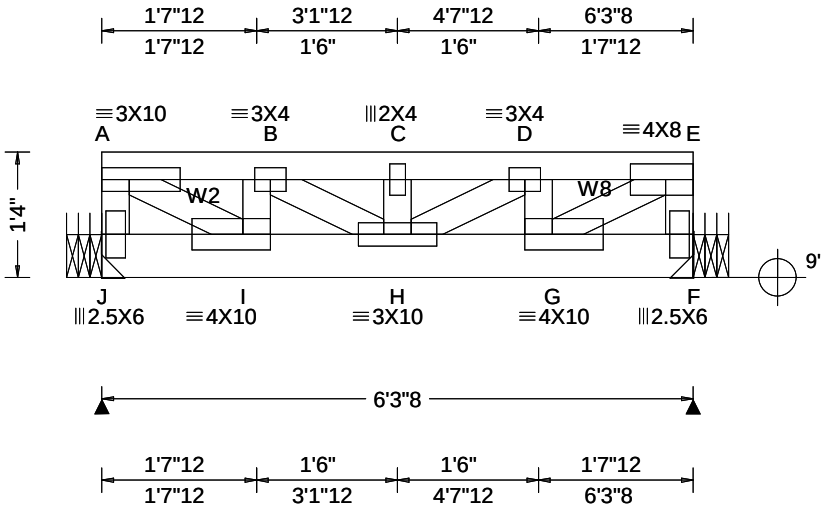


COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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

SEQN: 728232 FLAT FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** FG2	Cust: R 215 JRef:1YHX2150002 T49 DrwNo: 056.26.0835.34630 JB / DF 02/25/2026	

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): 0.047	C	999	480
VERT(CL): 0.061	C	999	360
HORZ(LL): 0.013	A	-	-
HORZ(TL): 0.016	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.383
Max BC CSI: 0.400
Max Web CSI: 0.752

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	4227	/-	/-	/-	/-	/-
F	3523	/-	/-	/-	/-	/-
J	Brg Wid = -		Min Req = -			
F	Brg Wid = -		Min Req = -			

Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-2244	C - D	0	-3105
B - C	0	-3105	D - E	0	-2259

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	2512	0	H - G	2518	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	0	-1649	H - D	719	0
A - I	2643	0	D - G	0	-890
I - B	0	-920	G - E	2664	0
B - H	726	0	E - F	0	-1565

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2,W8 2x4 SP #2;

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 4.75" o.c.
Bot Chord: 2 Rows @ 3.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

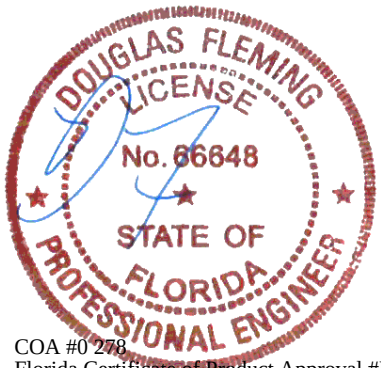
Special Loads
------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	521 plf at	0.00 to	521 plf at	5.77
TC: From	160 plf at	5.77 to	160 plf at	5.95
TC: From	50 plf at	5.95 to	50 plf at	6.29
BC: From	5 plf at	0.00 to	5 plf at	6.29

BC: 1556 lb Conc. Load at 0.81, 2.81, 4.81

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 1-4-0.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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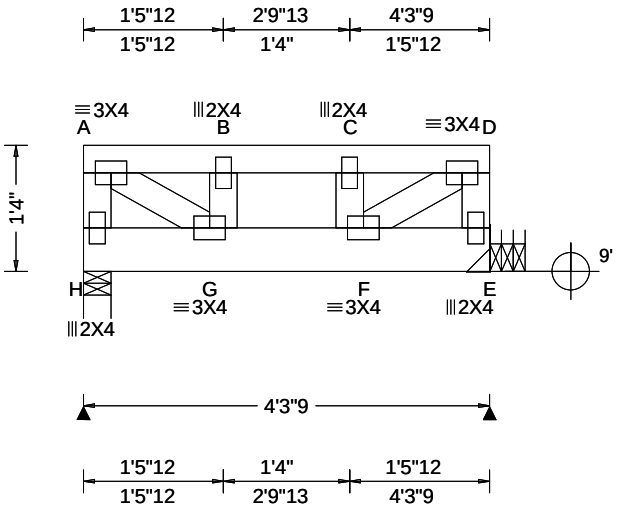
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728225 FLAT FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** FG3	Cust: R 215 JRef:1YHX2150002 T26 DrwNo: 056.26.0835.29673 JB / DF 02/25/2026	

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): 0.004	B	999	480
VERT(CL): 0.005	B	999	360
HORZ(LL): 0.001	A	-	-
HORZ(TL): 0.002	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.036
Max BC CSI: 0.062
Max Web CSI: 0.202

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	630	/-	/-	/-	/-	/-
E	764	/-	/-	/-	/-	/-

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 Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - G	425	0	F - D	423	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: 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 50 plf at 0.00 to 50 plf at 4.30
BC: From 5 plf at 0.00 to 5 plf at 4.30
BC: 579 lb Conc. Load at 1.40, 3.40

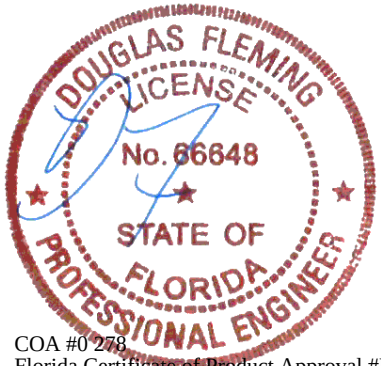
Purlins

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 1-4-0.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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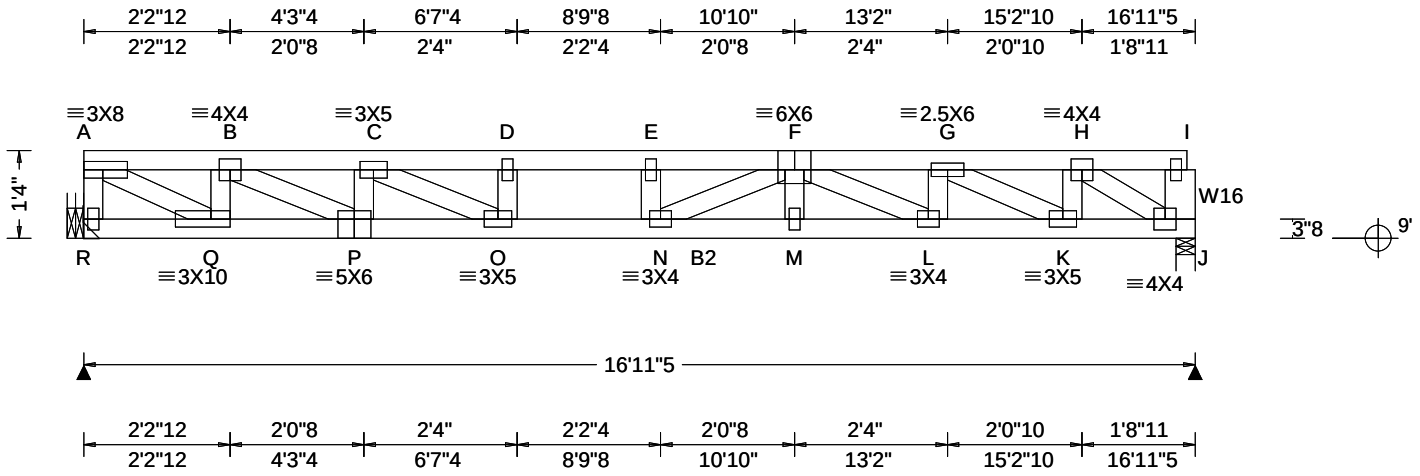
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 728219 FLAT FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 26-3388d JOHNSON **Truss Label:** FL1		Cust: R 215 JRef:1YHX2150002 T31 DrwNo: 056.26.0835.24217 JB / DF 02/25/2026	



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: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.261	E	779	480
VERT(CL): 0.359	E	567	360
HORZ(LL): 0.043	A	-	-
HORZ(TL): 0.059	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.483
Max BC CSI: 0.575
Max Web CSI: 0.805

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	932	/-	/-	/-	/-	/-
J	919	/-	/-	/-	/-	/-

R 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	-1500	E - F	0	-3587
B - C	0	-2721	F - G	0	-2699
C - D	0	-3566	G - H	0	-1542
D - E	0	-3606			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	1721	0	M - L	3466	0
P - O	2875	0	L - K	2586	0
O - N	3606	0	K - J	1366	0
N - M	3466	0			

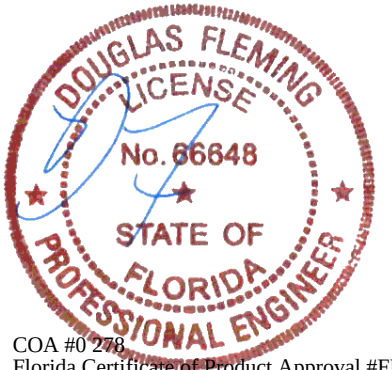
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - R	0	-906	N - F	543	-222
A - Q	1691	0	F - L	0	-862
Q - B	0	-819	L - G	417	0
B - P	1141	0	G - K	0	-1213
P - C	0	-574	K - H	652	0
C - O	967	0	H - J	0	-1556

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3; W16 2x6 SP #2;

Plating Notes
All plates are 2X4 except as noted.

Additional Notes
See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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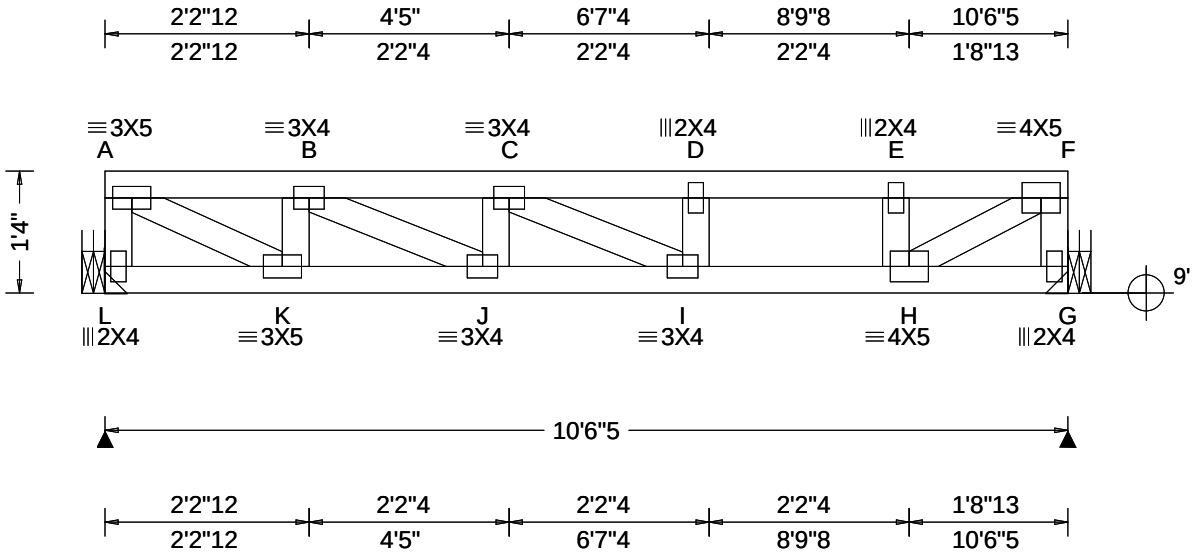
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 728221 FLAT FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3388d JOHNSON **Truss Label:** FL2		Cust: R 215 JRef:1YHX2150002 T16 DrwNo: 056.26.0835.18097 JB / DF 02/25/2026	



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: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.089	D	999	480
VERT(CL): 0.122	D	999	360
HORZ(LL): 0.019	A	-	-
HORZ(TL): 0.026	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.464
Max BC CSI: 0.742
Max Web CSI: 0.591

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	579	/-	/-	/-	/-	/-
G	579	/-	/-	/-	/-	/-

L Brg Wid = - Min Req = -
G Brg Wid = - Min Req = -
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-854	D - E	0	-1127
B - C	0	-1403	E - F	0	-1065
C - D	0	-1129			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	982	0	I - H	1127	0
J - I	1439	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	0	-557	C - I	25	-410
A - K	961	0	E - H	0	-446
K - B	0	-473	H - F	1242	0
B - J	480	0	F - G	0	-640

Lumber

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

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.

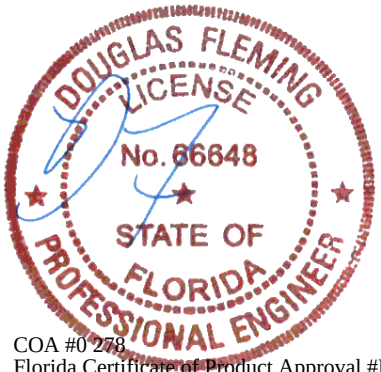
Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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 G (10'3"5, 9') 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.

Additional Notes

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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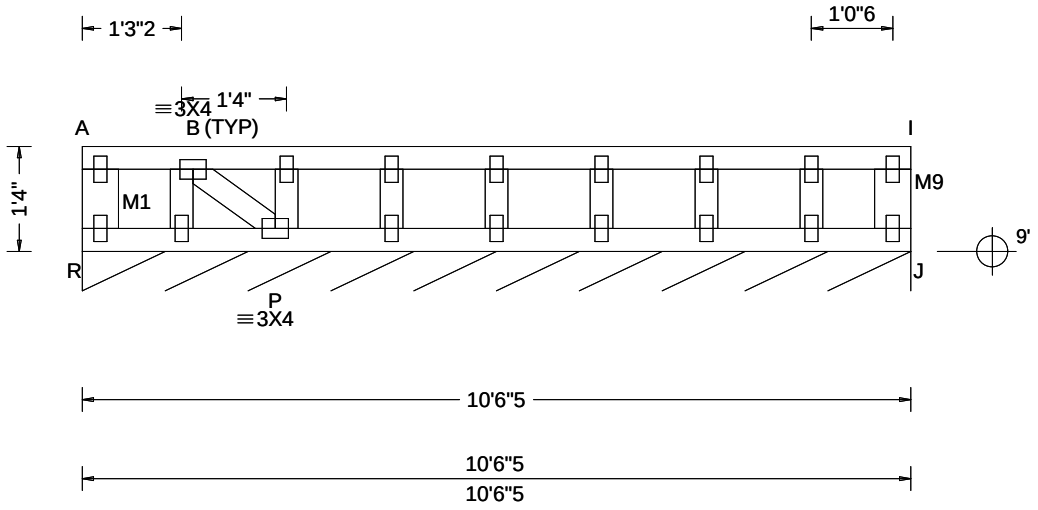
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 728223 GABL FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** FL2E	Cust: R 215 JRef:1YHX2150002 T15 DrwNo: 056.26.0835.04927 JB / DF 02/25/2026	

2 Complete Trusses Required



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 40.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.000 H 999 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.000 H 999 360
BCDL: 5.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.000 R - -
Des Ld: 55.00	EXP: NA Kzt: NA		HORZ(TL): 0.000 R - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.020
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.005
Spacing: 24.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.016
	C&C Dist a: NA	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 24.02.00D.0114.10
	Wind Duration: NA		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J*	110	/-	/-	/-	/-	/-
J	Brg Wid = 126		Min Req = -			

Bearing R 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; M1,M9 2x6 SP #2;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Additional Notes

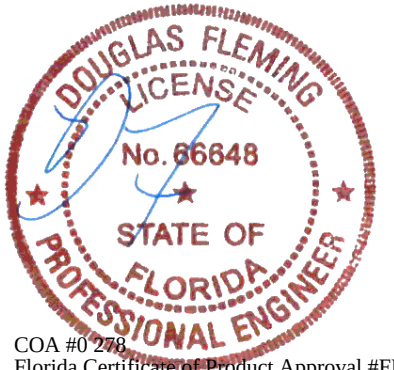
Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.

Special loads

------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	100 plf at	0.00 to	100 plf at	10.53
BC: From	10 plf at	0.00 to	10 plf at	10.53



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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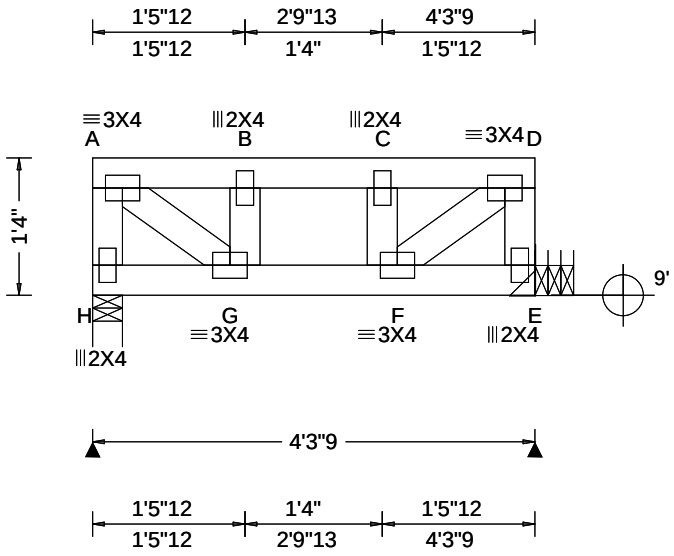
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 728228 FLAT FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 26-3388d JOHNSON **Truss Label:** FL3	Cust: R 215 JRef:1YHX2150002 T8 DrwNo: 056.26.0834.53423 JB / DF 02/25/2026



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: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	B	999	480
VERT(CL): 0.004	B	999	360
HORZ(LL): 0.001	A	-	-
HORZ(TL): 0.002	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.063
Max BC CSI: 0.082
Max Web CSI: 0.122

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	236	/-	/-	/-	/-	/-
E	236	/-	/-	/-	/-	/-

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#

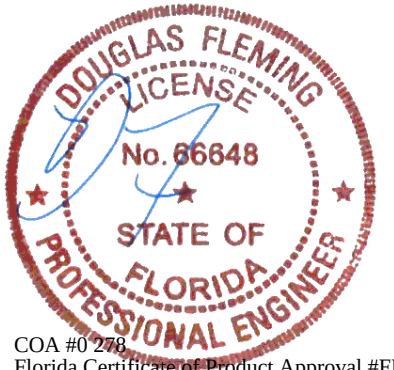
Lumber

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

Additional Notes

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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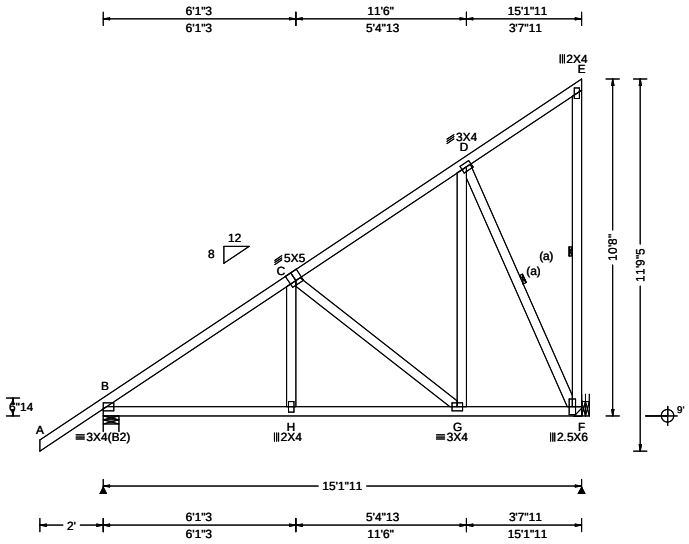
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728215 MONO FROM: RFG	Ply: 1 Qty: 5	**Job Number:** 26-3388d JOHNSON **Truss Label:** M1		Cust: R 215 JRef:1YHX2150002 T25 DrwNo: 056.26.0834.47793 JB / DF 02/25/2026	



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: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.017	H	999	360
VERT(CL): 0.035	H	999	240
HORZ(LL): -0.008	E	-	-
HORZ(TL): 0.017	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.428
Max BC CSI: 0.304
Max Web CSI: 0.357

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	786	/-	/-	/412	/13	/395
F	624	/-	/-	/502	/222	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
F 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	- 788	C - D	0	- 401

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	562	- 263	H - G	561	- 264

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - G	196	- 400	D - F	258	- 566
G - D	396	- 75			

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 F (14'10"11, 9') 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

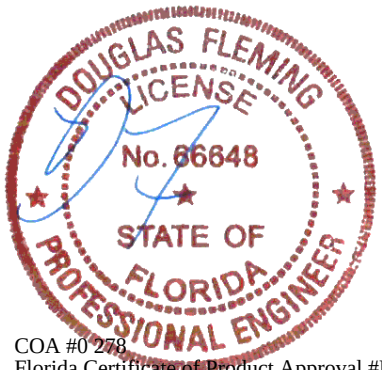
Wind loads based on MWFRS with additional C&C member design.

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 10-8-0.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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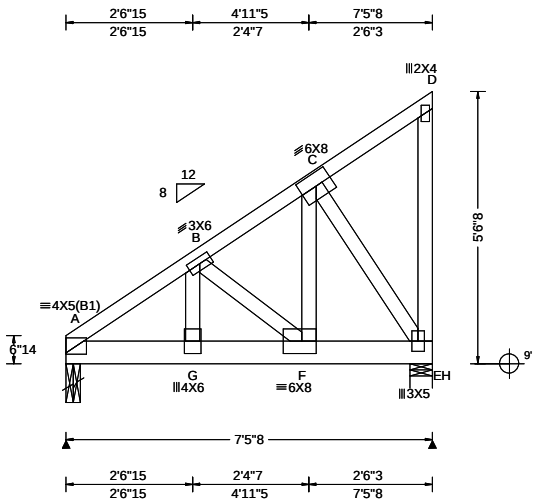
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728167 MONO FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MG1	Cust: R 215 JRef:1YHX2150002 T9 DrwNo: 056.26.0834.34617 JB / DF 02/25/2026

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: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.043	G	999	360
VERT(CL): 0.044	G	999	240
HORZ(LL): -0.024	D	-	-
HORZ(TL): 0.024	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.288
Max BC CSI: 0.355
Max Web CSI: 0.904

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	4737	/-	/-	/-	/337	/-
H	4647	/-	/-	/-	/329	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 2.0 (Truss)
H Brg Wid = 5.5 Min Req = 1.9 (Truss)
Bearings A & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	175	-2379	B - C	114	-1545

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - G	1933	-138	F - E	1141	-81
G - F	1899	-136			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
G - B	1006	-51	F - C	2373	-143
B - F	62	-825	C - E	142	-1993

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 @ 2.50" 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 64 plf at 0.00 to 64 plf at 7.46
BC: From 10 plf at 0.00 to 10 plf at 7.46
BC: 1766 lb Conc. Load at 0.70, 2.30, 3.90, 5.55 6.39

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 5-6-8.

COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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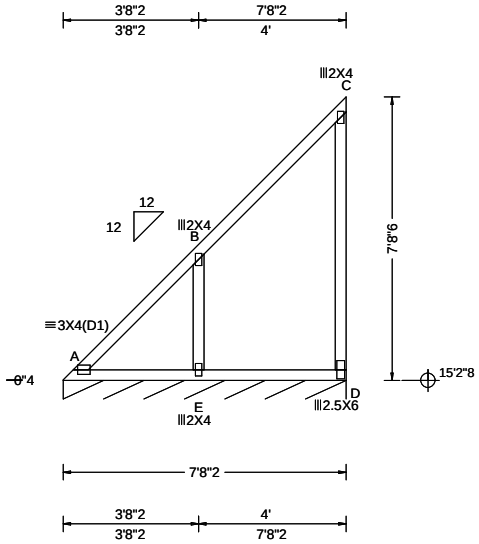
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728019 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV1	Cust: R 215 JRef:1YHX2150002 T44 DrwNo: 056.26.0834.31483 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 19.21 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	A	999	360
VERT(CL): 0.005	A	999	240
HORZ(LL): 0.001	A	-	-
HORZ(TL): 0.008	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.361
Max BC CSI: 0.168
Max Web CSI: 0.150

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	88	/-	/-	/66	/10	/34

Wind reactions based on MWFRS
D Brg Wid = 92.1 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.
A - B	198	-557

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	485	-135	E - D	501	-143

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	505	-303

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.

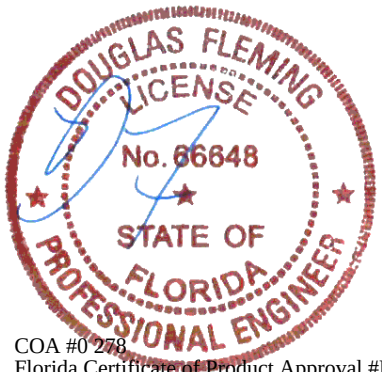
Right end vertical not exposed to wind pressure.

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 7-8-6.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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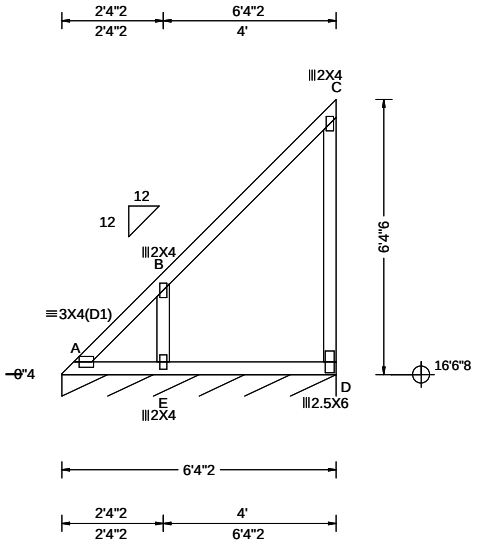
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728020 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV2	Cust: R 215 JRef:1YHX2150002 T45 DrwNo: 056.26.0834.16547 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 19.88 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	C	-	-
HORZ(TL): 0.006	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.381
Max BC CSI: 0.131
Max Web CSI: 0.169

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
D*	88	/-	/-	/65	/10	/33

Wind reactions based on MWFRS
D Brg Wid = 76.1 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.
A - B	177	-572

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	440	-105	E - D	471	-116

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	567	-277

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 6-4-6.

COA #0 278
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02/25/2026

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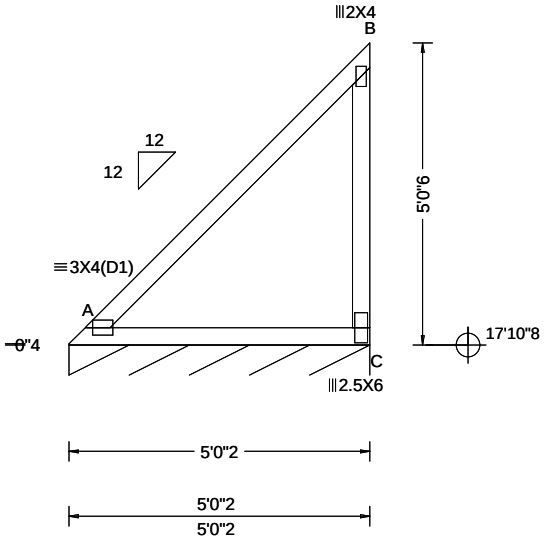
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728021 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV3		Cust: R 215 JRef:1YHX2150002 T46 DrwNo: 056.26.0834.14747 JB / DF 02/25/2026	



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: C Kzt: NA Mean Height: 20.54 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): 0.007 A - - HORZ(TL): 0.015 A - - Creep Factor: 2.0 Max TC CSI: 0.655 Max BC CSI: 0.378 Max Web CSI: 0.087 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	88	/-	/-	/65	/9	/32

Wind reactions based on MWFRS
C Brg Wid = 60.1 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	418	-90

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 5-0-6.

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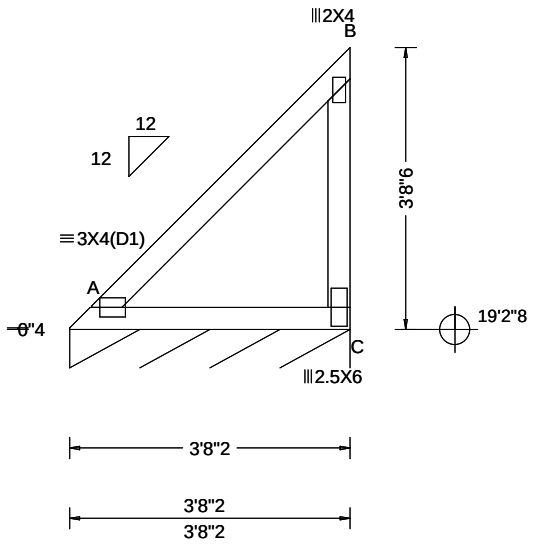
Glenview, IL 60025

SEQN: 728022 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV4		Cust: R 215 JRef:1YHX2150002 T47 DrwNo: 056.26.0834.12873 JB / DF 02/25/2026	



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: C Kzt: NA Mean Height: 21.21 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: 0.330 Max BC CSI: 0.191 Max Web CSI: 0.162 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	88	/-	/-	/63	/8	/31

Wind reactions based on MWFRS
C Brg Wid = 44.1 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.

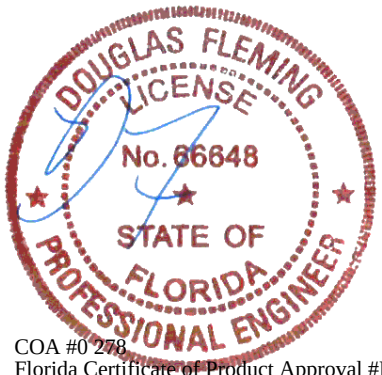
Right end vertical not exposed to wind pressure.

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 3-8-6.



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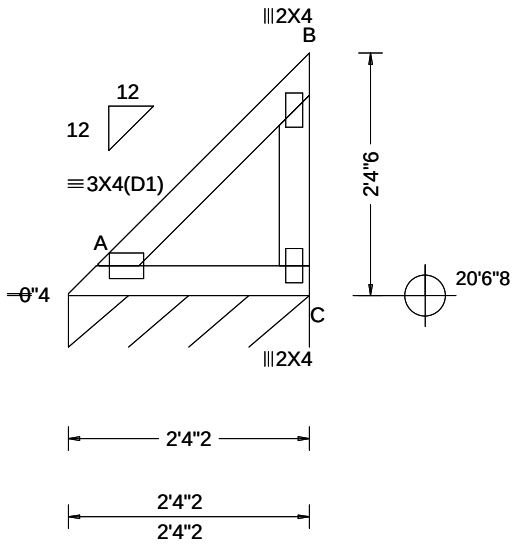
Glenview, IL 60025

SEQN: 728023 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV5		Cust: R 215 JRef:1YHX2150002 T48 DrwNo: 056.26.0834.11143 JB / DF 02/25/2026	



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: C Kzt: NA Mean Height: 21.88 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: 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: 0.110 Max BC CSI: 0.064 Max Web CSI: 0.068 VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	87	/-	/-	/61	/15	/37

Wind reactions based on MWFRS
C Brg Wid = 28.1 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.

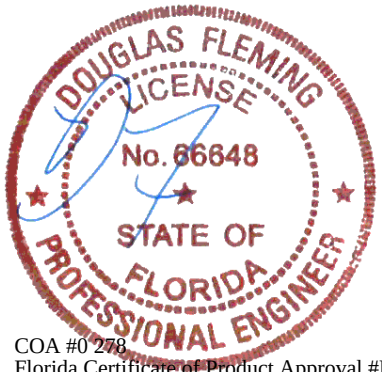
Right end vertical not exposed to wind pressure.

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 2-4-6.



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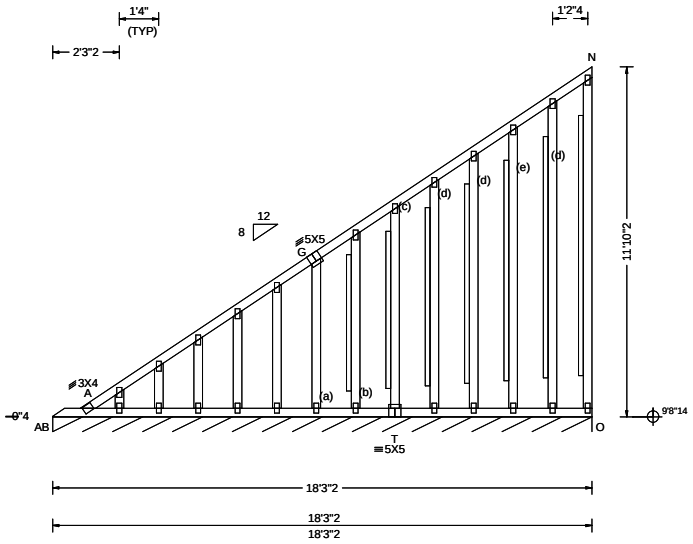
Glenview, IL 60025

SEQN: 727998 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV11		Cust: R 215 JRef:1YHX2150002 T38 DrwNo: 056.26.0834.29240 JB / DF 02/25/2026	



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: C Kzt: NA
Mean Height: 15.81 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): 0.004	M	999	360
VERT(CL): 0.003	M	999	240
HORZ(LL): 0.002	M	-	-
HORZ(TL): 0.022	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.063
Max BC CSI: 0.095
Max Web CSI: 0.992

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O*	134	/-	/-	/72	/22	/32

Wind reactions based on MWFRS
O Brg Wid = 219 Min Req = -
Bearing AB 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 - G	291	- 995	G - N	158	- 506

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - T	833	- 243

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.

Wind

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

Right end vertical not exposed to wind pressure.

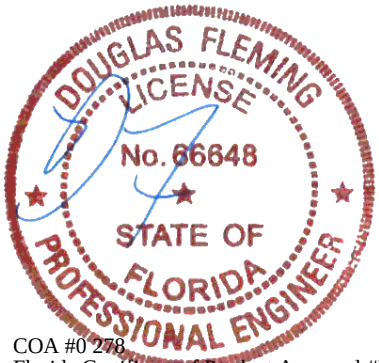
Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/230.

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.

The overall height of this truss excluding overhang is 11-10-2.



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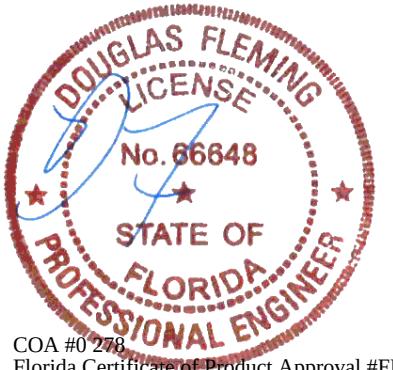
Gable Reinforcement

(a) 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.
(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) 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) 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.
(e) 2x6 "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.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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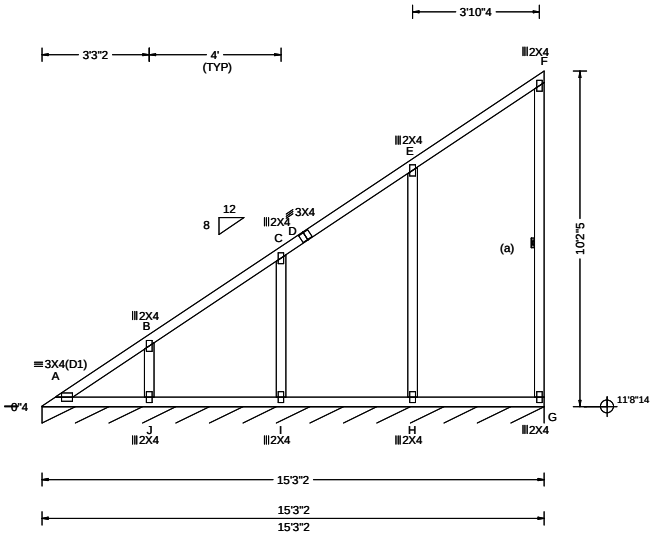
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728000 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV12	Cust: R 215 JRef:1YHX2150002 T39 DrwNo: 056.26.0834.25293 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 16.99 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): 0.002	A	999	360
VERT(CL): 0.005	A	999	240
HORZ(LL): 0.001	A	-	-
HORZ(TL): 0.016	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.257
Max BC CSI: 0.152
Max Web CSI: 0.297

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G*	84	/-	/-	/58	/15	/25

Wind reactions based on MWFRS
G Brg Wid = 183 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	179	-613	B - C	147	-472

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - J	558	-143	I - H	574	-151
J - I	569	-149	H - G	578	-153

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 10-2-5.

COA #0 278
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02/25/2026

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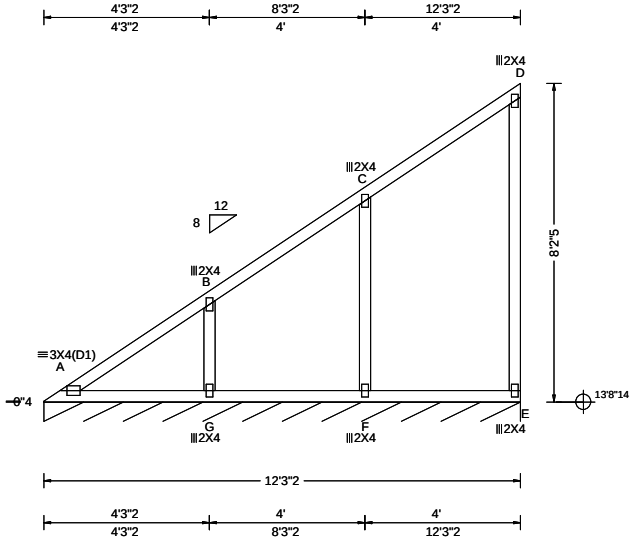
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728002 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV13	Cust: R 215 JRef:1YHX2150002 T40 DrwNo: 056.26.0834.23617 JB / DF 02/25/2026	



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: C Kzt: NA
Mean Height: 17.99 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): 0.007	A	999	360
VERT(CL): 0.015	A	999	240
HORZ(LL): 0.002	A	-	-
HORZ(TL): 0.010	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.253
Max BC CSI: 0.157
Max Web CSI: 0.157

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	84	/-	/-	/58	/16	/25

Wind reactions based on MWFRS
E Brg Wid = 147 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.
A - B	145	- 393

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - G	379	- 115	F - E	390	- 122
G - F	386	- 119			

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 8-2-5.

COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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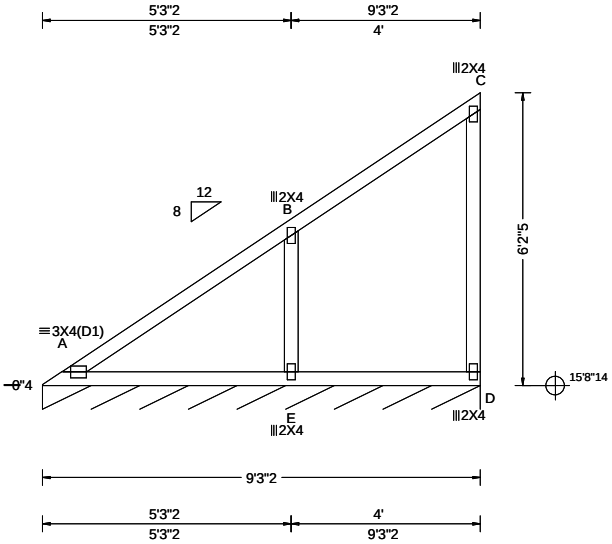
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728004 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV14		Cust: R 215 JRef:1YHX2150002 T41 DrwNo: 056.26.0834.21817 JB / DF 02/25/2026	



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: C Kzt: NA Mean Height: 18.99 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA 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): 0.013 A 999 360 VERT(CL): 0.027 A 999 240 HORZ(LL): 0.004 A - - HORZ(TL): 0.009 A - - Creep Factor: 2.0 Max TC CSI: 0.360 Max BC CSI: 0.253 Max Web CSI: 0.110 VIEW Ver: 24.02.00D.0114.10	Gravity / Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 84 /- /- /58 /17 /26 Wind reactions based on MWFRS D Brg Wid = 111 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.

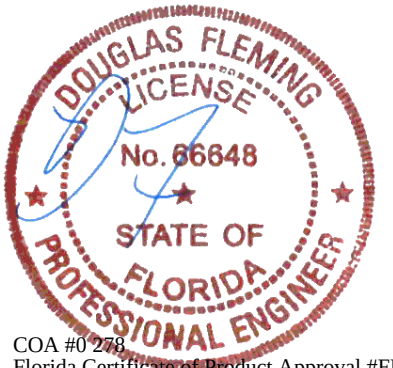
Right end vertical not exposed to wind pressure.

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 6-2-5.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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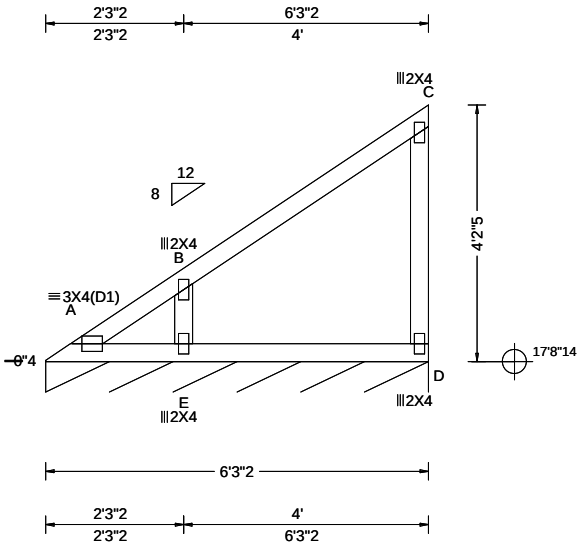
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728006 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV15	Cust: R 215 JRef:1YHX2150002 T42 DrwNo: 056.26.0834.20167 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 19.99 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): 0.000	C	999	360
VERT(CL): 0.001	A	999	240
HORZ(LL): 0.000	C	-	-
HORZ(TL): 0.003	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.243
Max BC CSI: 0.117
Max Web CSI: 0.118

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
D*	84	/-	/-	/57	/17	/26

Wind reactions based on MWFRS
D Brg Wid = 75.1 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.

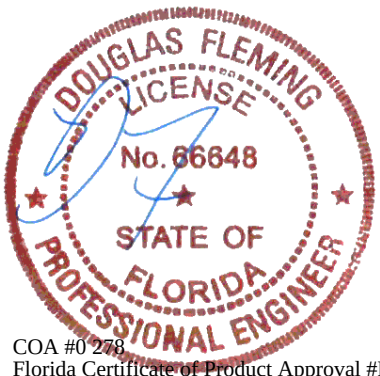
Right end vertical not exposed to wind pressure.

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 4-2-5.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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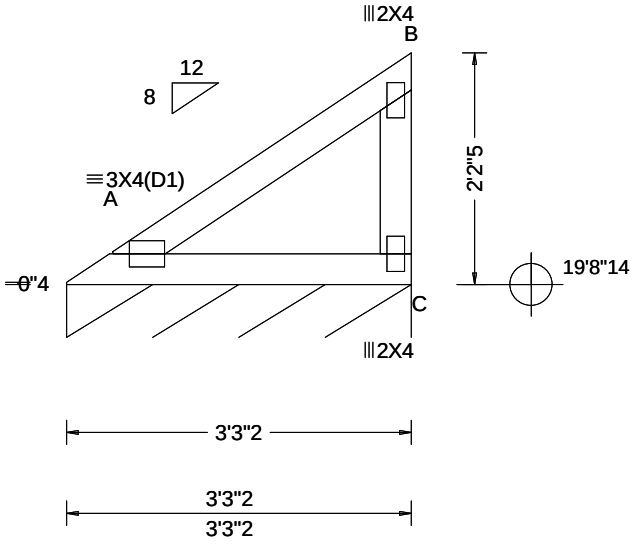
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728008 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** MV16	Cust: R 215 JRef:1YHX2150002 T43 DrwNo: 056.26.0834.18563 JB / DF 02/25/2026	



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: C Kzt: NA
Mean Height: 20.99 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):	NA		
VERT(CL):	NA		
HORZ(LL):	0.002 A	-	-
HORZ(TL):	0.003 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.139
Max BC CSI: 0.099
Max Web CSI: 0.070

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/54	/9	/20

Wind reactions based on MWFRS
C Brg Wid = 39.1 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.

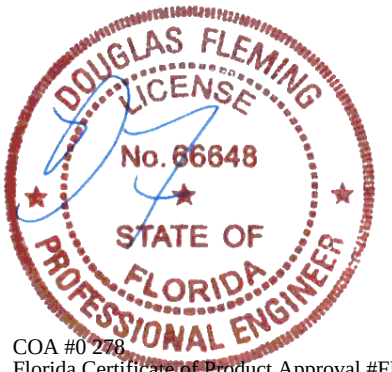
Right end vertical not exposed to wind pressure.

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 2-2-5.



COA #0 278
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02/25/2026

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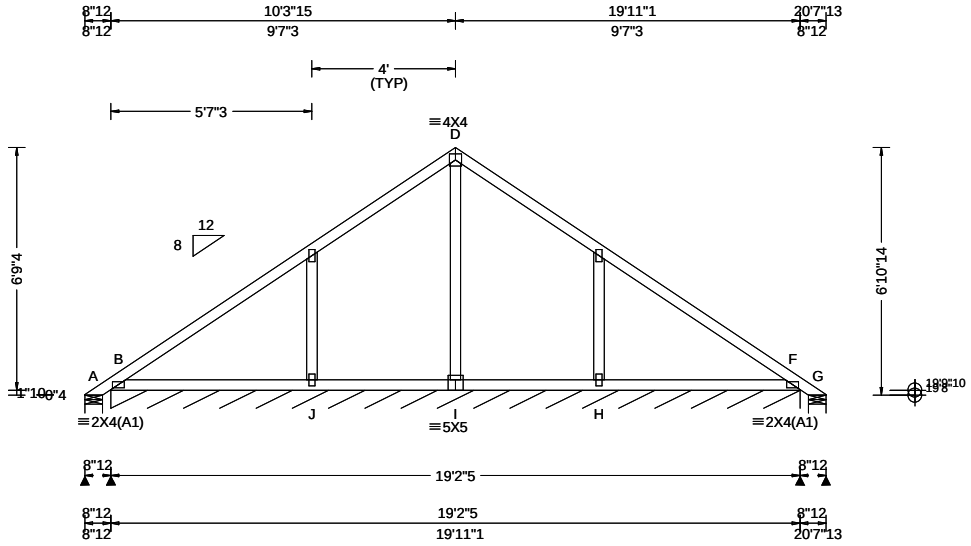
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728203 COMN FROM: RFG	Ply: 1 Qty: 19	**Job Number:** 26-3388d JOHNSON **Truss Label:** P1	Cust: R 215 JRef:1YHX2150002 T28 DrwNo: 056.26.0834.05580 JB / DF 02/25/2026



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 B	999	360	
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL):	0.003 B	999	240	
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	0.002 B	-	-	
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL):	0.004 E	-	-	
NCBCLL:	10.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.283			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.154			
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI:	0.108			
		C&C Dist a: 3.51 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 24.02.00D.0114.10				
		GCpi: 0.18	WAVE					
		Wind Duration: 1.60						

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-145	/-	/178	/261	/203
B*	87	/-	/-	/65	/13	/-
G	-	/-145	/-	/68	/151	/-
B		/-139				
J		/-121				
H		/-121				

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 230 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

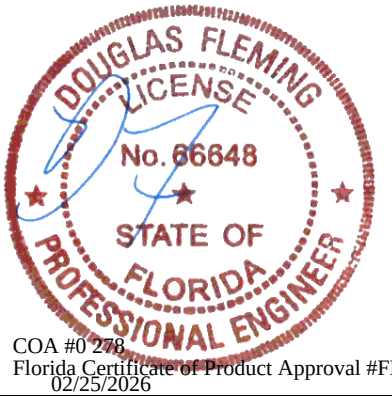
Wind loads based on MWFRS with additional C&C member design.

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 6-10-14.



COA #0 278
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02/25/2026

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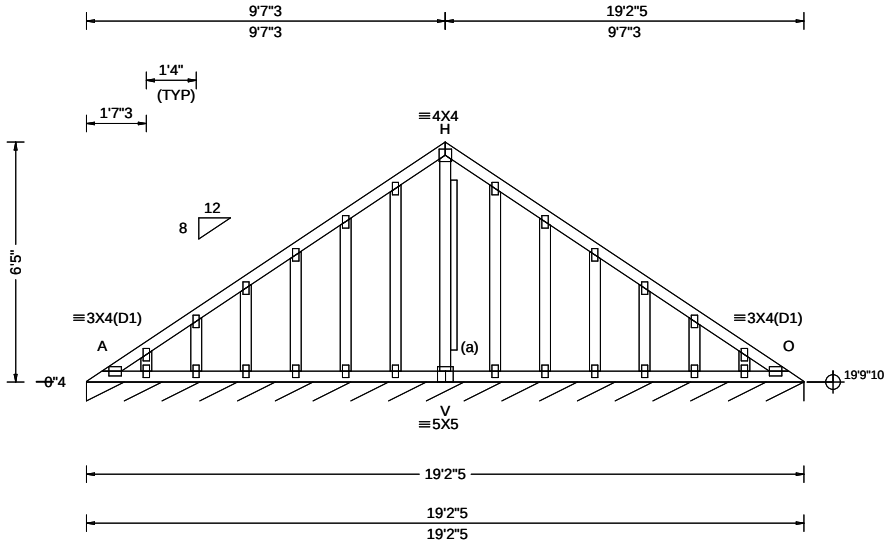
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728207 GABL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** P1E	Cust: R 215 JRef:1YHX2150002 T4 DrwNo: 056.26.0834.03060 JB / DF 02/25/2026	



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): 0.001 A 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 B - -
NCBCLL: 10.00	Mean Height: 17.41 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.022
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.019
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.865
	C&C Dist a: 3.51 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), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A*	67	/-	/-	/39	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 230 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;

Plating Notes

All plates are 2X4 except as noted.

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/208.

Gable Reinforcement

(a) 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.

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 6-6-10.

COA #0 278
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02/25/2026

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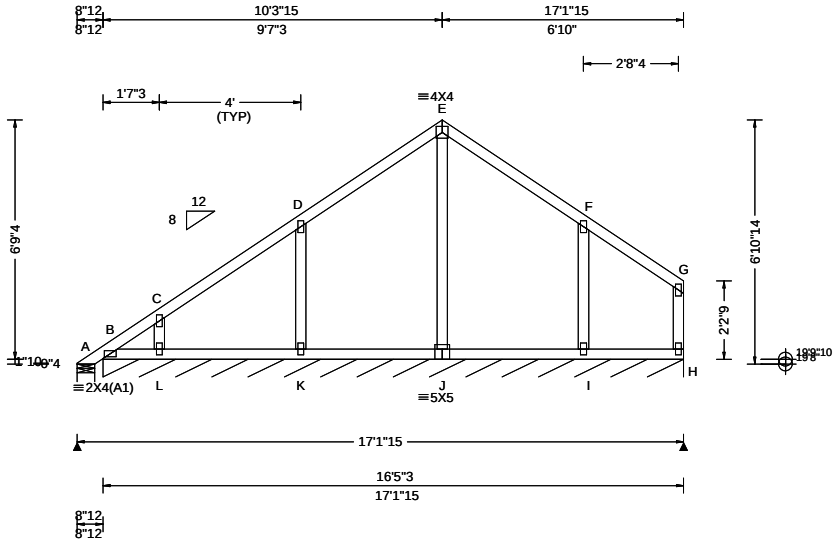
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728243 COMN FROM: RFG	Ply: 1 Qty: 11	**Job Number:** 26-3388d JOHNSON **Truss Label:** P2	Cust: R 215 JRef:1YHX2150002 T12 DrwNo: 056.26.0834.00320 JB / DF 02/25/2026	



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): 0.000 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 10.00	Mean Height: 17.57 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.219
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.151
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.168
	C&C Dist a: 3.23 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), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	24	/-	/-	/118	/87	/188
B*	69	/-	/-	/75	/21	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 197 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.

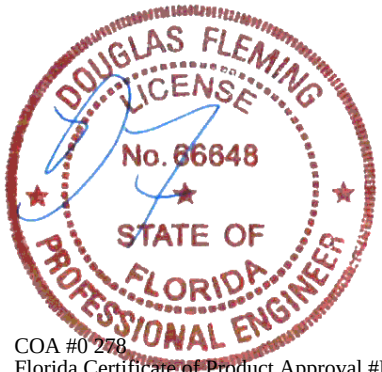
Right end vertical not exposed to wind pressure.

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 6-10-14.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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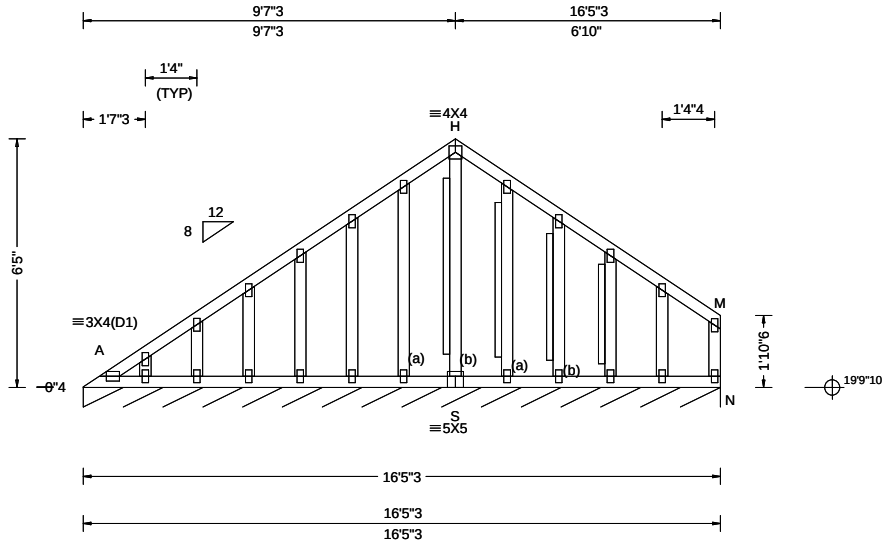
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 727991 GABL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** P2E	Cust: R 215 JRef:1YHX2150002 T21 DrwNo: 056.26.0833.57750 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 17.40 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.23 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	A	999	360
VERT(CL): 0.000	A	999	240
HORZ(LL): 0.000	A	-	-
HORZ(TL): 0.000	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.022
Max BC CSI: 0.015
Max Web CSI: 0.976

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A*	66	/-	/-	/39	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 197 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;

Plating Notes

All plates are 2X4 except as noted.

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.

Right end vertical 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/205.

Gable Reinforcement

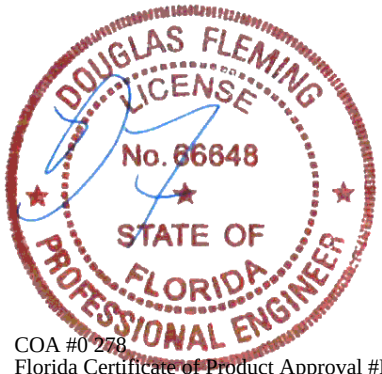
(a) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(b) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails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

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 6-6-10.



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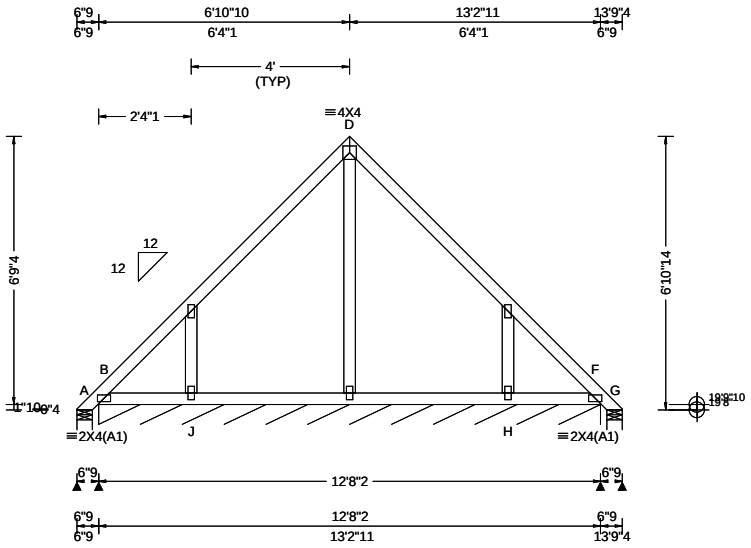
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728030 COMN FROM: RFG	Ply: 1 Qty: 5	**Job Number:** 26-3388d JOHNSON **Truss Label:** P3	Cust: R 215 JRef:1YHX2150002 T1 DrwNo: 056.26.0833.55033 JB / DF 02/25/2026



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 D	999	360	
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL):	0.002 D	999	240	
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	0.000 H	-	-	
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL):	0.004 E	-	-	
NCBCLL:	10.00	Mean Height: 18.07 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.257			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.084			
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI:	0.126			
		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					
		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
A	39	/-	/-	/190	/164	/221
B*	87	/-	/-	/65	/14	/-
G	39	/-	/-	/24	/-	/-
J		/-219				
H		/-219				

Wind reactions based on MWFRS
A Brg Wid = 4.7 Min Req = 1.5 (Truss)
B Brg Wid = 152 Min Req = -
G Brg Wid = 4.7 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

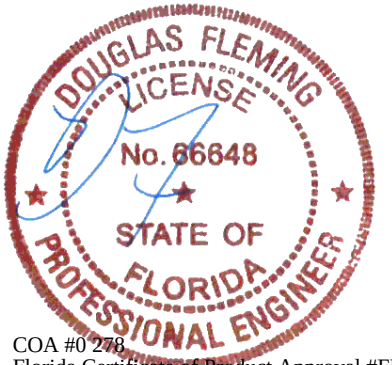
Wind loads based on MWFRS with additional C&C member design.

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 6-10-14.



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02/25/2026

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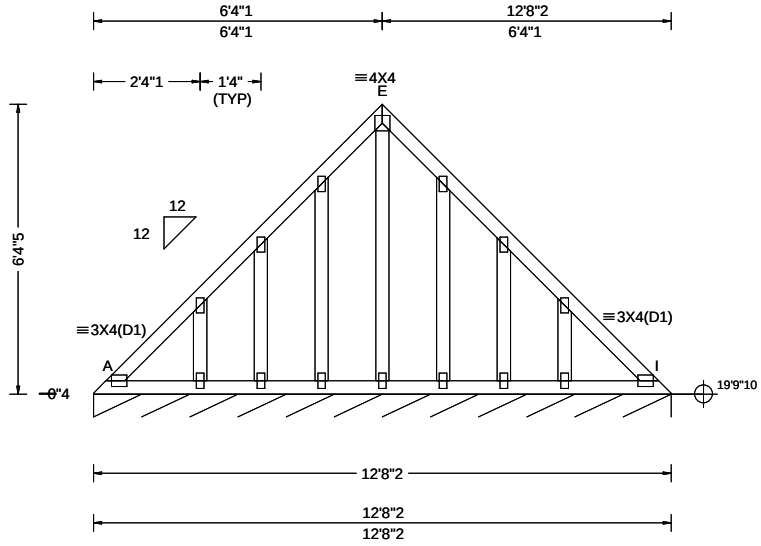
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 727987 GABL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** P3E	Cust: R 215 JRef:1YHX2150002 T14 DrwNo: 056.26.0833.52910 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 17.89 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): 0.001	A	999	360
VERT(CL): 0.001	A	999	240
HORZ(LL): -0.001	A	-	-
HORZ(TL): 0.001	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.041
Max BC CSI: 0.037
Max Web CSI: 0.866

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A*	68	/-	/-	/35	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 152 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;

Plating Notes

All plates are 2X4 except as noted.

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.

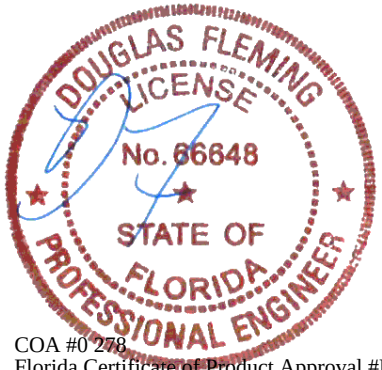
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/171.

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 6-5-15.



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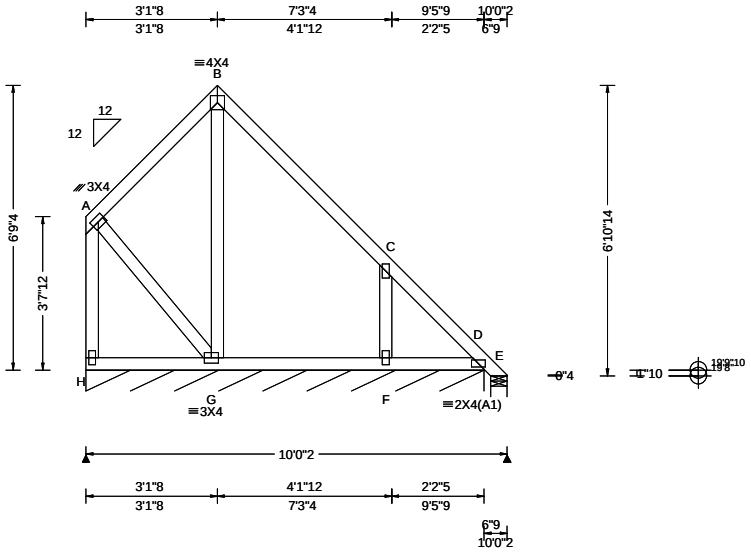
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728039 COMN FROM: RFG	Ply: 1 Qty: 7	**Job Number:** 26-3388d JOHNSON **Truss Label:** P4	Cust: R 215 JRef:1YHX2150002 T6 DrwNo: 056.26.0833.50633 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 23.13 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: 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	A	-	-
HORZ(TL): 0.002	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.316
Max BC CSI: 0.099
Max Web CSI: 0.138

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H*	81	/-	/-	/58	/18	/22
E	37	/-	/-	/19	/0	/-

Wind reactions based on MWFRS
H Brg Wid = 113 Min Req = -
E Brg Wid = 4.7 Min Req = 1.5 (Truss)
Bearings H & E are a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
F - C	430	-276

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

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

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.

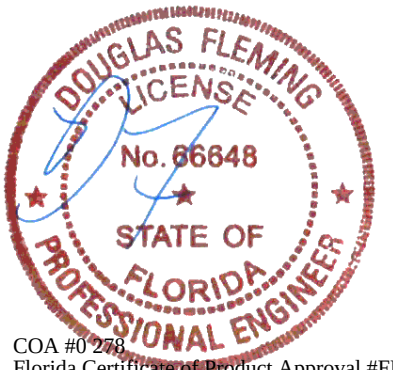
Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-10-14.

Refer to DWG PB160220723 for piggyback details.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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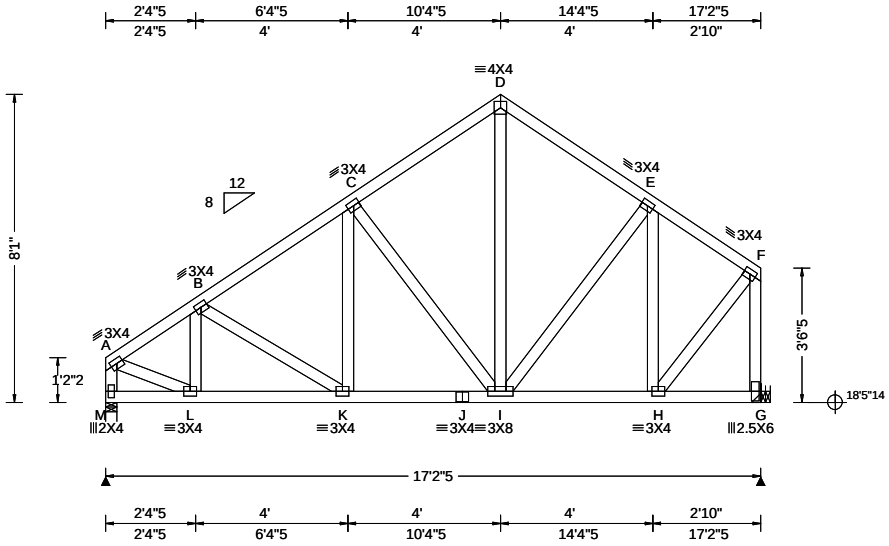
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728247 COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 26-3388d JOHNSON **Truss Label:** S1	Cust: R 215 JRef:1YHX2150002 T22 DrwNo: 056.26.0833.32117 JB / DF 02/25/2026



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: C Kzt: NA
Mean Height: 23.12 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): 0.014	K	999	360
VERT(CL): 0.028	K	999	240
HORZ(LL): 0.005	B	-	-
HORZ(TL): 0.011	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.171
Max BC CSI: 0.210
Max Web CSI: 0.251

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	722	/-	/-	/425	/99	/197
G	722	/-	/-	/400	/119	/-

Wind reactions based on MWFRS
M Brg Wid = 3.5 Min Req = 1.5 (Truss)
G Brg Wid = - Min Req = -
Bearing M 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	187	- 775	D - E	240	- 546
B - C	226	- 777	E - F	143	- 449
C - D	235	- 548			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	635	- 226	J - I	586	- 145
K - J	586	- 145			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	172	- 704	H - F	528	- 114
A - L	658	- 127	F - G	199	- 702

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 8-1-0.

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02/25/2026

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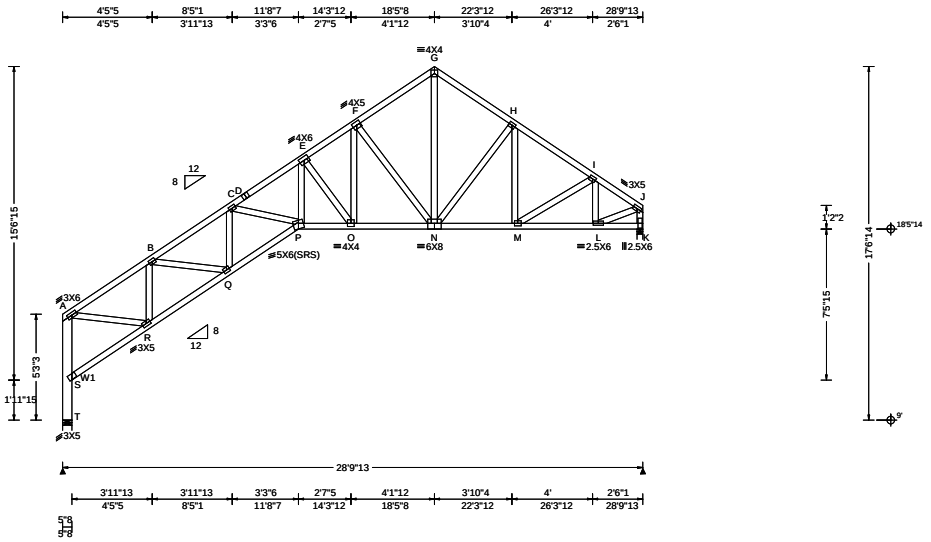
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728256 COMN FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3388d JOHNSON **Truss Label:** T1	Cust: R 215 JRef:1YHX2150002 T34 DrwNo: 056.26.0833.29230 JB / DF 02/25/2026	



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): 0.150 P 999 360
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.321 P 999 240
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.152 K - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.325 K - -
NCBCLL:	10.00	Mean Height: 20.42 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: 0.655
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.868
		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		

Lumber

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

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 17-6-14.

Leg down designed for vertical loads only.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
T	1248	/-	/-	/718	/12	/346
K	1210	/-	/-	/738	/99	/-

Wind reactions based on MWFRS
T Brg Wid = 5.5 Min Req = 1.5 (Support)
K Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings T & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

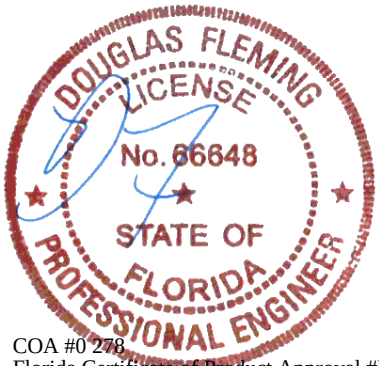
Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	612	- 1692	F - G	473	- 1327
B - C	906	- 2733	G - H	476	- 1330
C - D	979	- 3178	H - I	445	- 1505
D - E	998	- 3152	I - J	351	- 1329
E - F	697	- 2148			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	552	- 748	O - N	1709	- 429
R - Q	1772	- 815	N - M	1194	- 246
Q - P	2697	- 964	M - L	1111	- 270
P - O	2498	- 736			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - S	419	- 1166	E - O	505	- 1289
A - R	1431	- 303	O - F	1117	- 377
S - T	201	- 1246	F - N	431	- 1085
R - B	308	- 1006	G - N	1139	- 404
B - Q	834	- 123	L - J	1149	- 273
Q - C	147	- 598	J - K	315	- 1189
P - E	1435	- 504			



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02/25/2026

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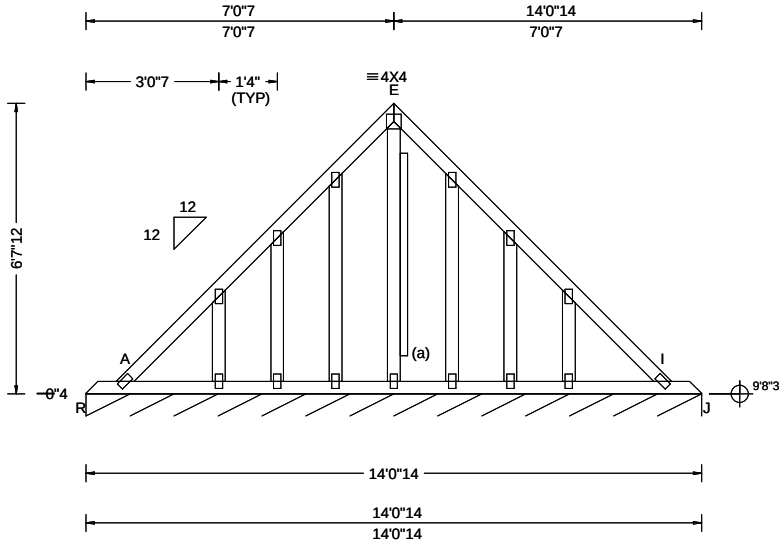
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728010 GABL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** V1	Cust: R 215 JRef:1YHX2150002 T11 DrwNo: 056.26.0833.16407 JB / DF 02/25/2026	



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 D 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.002 D 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 F - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.005 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: 0.103
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.057
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.771
	C&C Dist a: 3.00 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), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J*	127	/-	/-	/59	/16	/20

Wind reactions based on MWFRS
J Brg Wid = 168 Min Req = -
Bearing R 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;

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.

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/312.

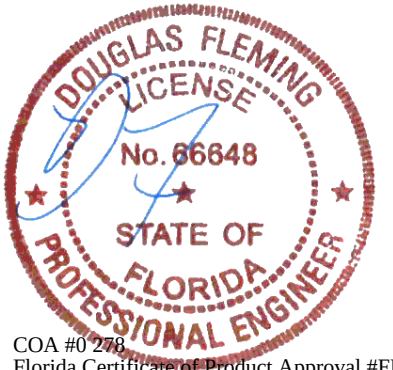
Gable Reinforcement

(a) 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.

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.

The overall height of this truss excluding overhang is 6-7-12.



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02/25/2026

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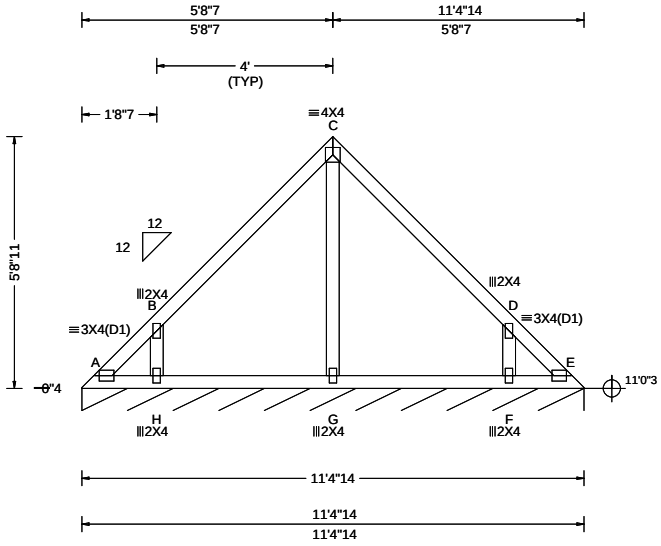
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728012 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** V2	Cust: R 215 JRef:1YHX2150002 T32 DrwNo: 056.26.0833.10890 JB / DF 02/25/2026	



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: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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: 0.315
Max BC CSI: 0.120
Max Web CSI: 0.151

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	88	/-	/-	/50	/10	/15

Wind reactions based on MWFRS
E Brg Wid = 136 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.	Webs	Tens.	Comp.
B - H	508	- 286	F - D	508	- 286

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 5-8-11.

COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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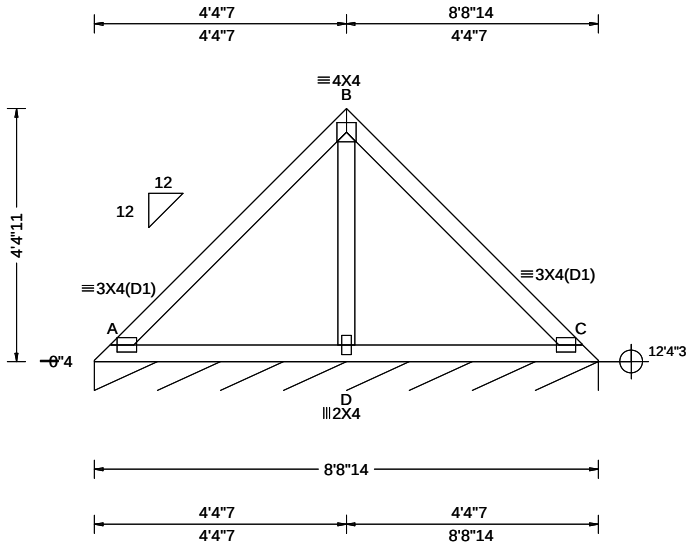
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728014 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** V3	Cust: R 215 JRef:1YHX2150002 T35 DrwNo: 056.26.0833.08890 JB / DF 02/25/2026	



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): 0.011 A 999 360
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.015 A 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.007 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.012 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: 0.348
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.236
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.142
	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), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	88	/-	/-	/50	/9	/14

Wind reactions based on MWFRS
C Brg Wid = 104 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	351	-421

Lumber

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

Wind

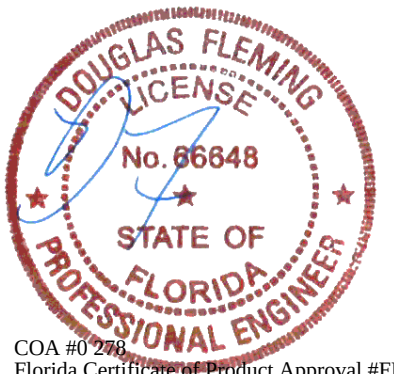
Wind loads based on MWFRS with additional C&C member design.

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 4-4-11.



COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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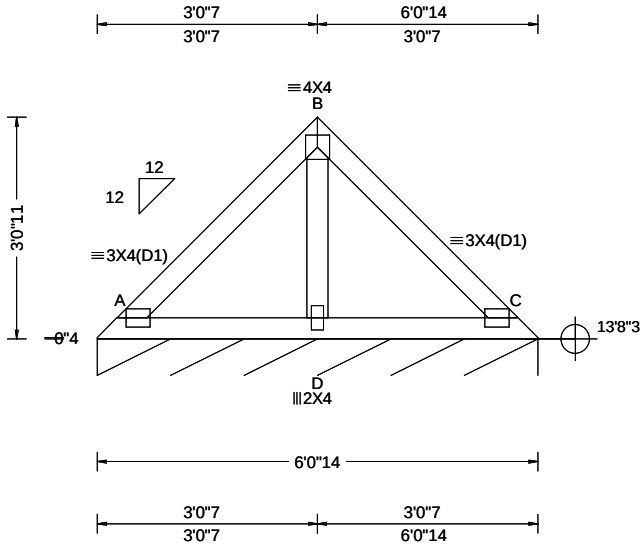
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728016 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** V4	Cust: R 215 JRef:1YHX2150002 T36 DrwNo: 056.26.0833.06120 JB / DF 02/25/2026	



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: C Kzt: NA
Mean Height: 15.36 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): 0.004	A	999	360
VERT(CL): 0.005	A	999	240
HORZ(LL): -0.003	C	-	-
HORZ(TL): 0.004	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.192
Max BC CSI: 0.120
Max Web CSI: 0.074

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	88	/-	/-	/49	/8	/14

Wind reactions based on MWFRS
C Brg Wid = 72.9 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.

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 3-0-11.

COA #0 278
Florida Certificate of Product Approval #FL1999
02/25/2026

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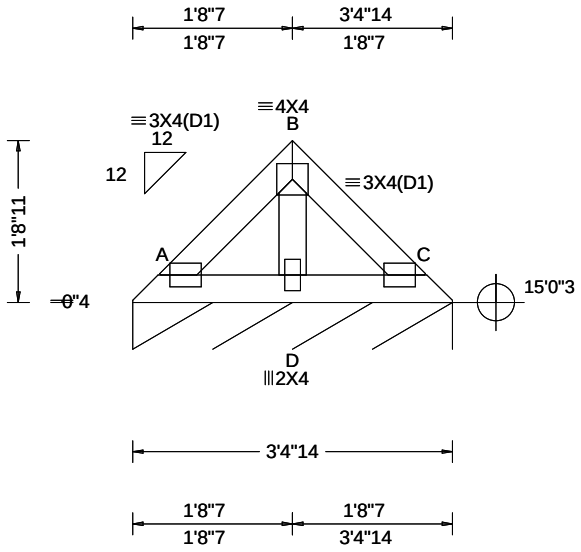
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 728018 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3388d JOHNSON **Truss Label:** V5		Cust: R 215 JRef:1YHX2150002 T37 DrwNo: 056.26.0833.04110 JB / DF 02/25/2026	



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: C Kzt: NA Mean Height: 16.03 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 A 999 360 VERT(CL): 0.001 A 999 240 HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.045 Max BC CSI: 0.029 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
C*	87	/-	/-	/46	/5	/12

Wind reactions based on MWFRS
C Brg Wid = 40.9 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

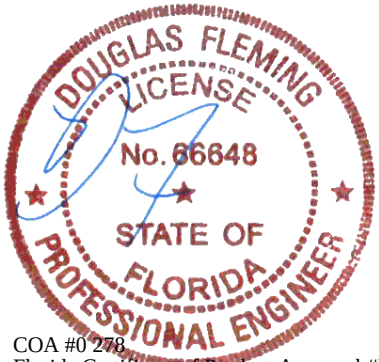
Wind loads based on MWFRS with additional C&C member design.

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 1-8-11.



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

CLR Reinforcing Member Substitution

This detail is to be used for ANSI/TPI 1-2014 standards and older when a Continuous Lateral Restraint (CLR)is is specified on a truss design and 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.

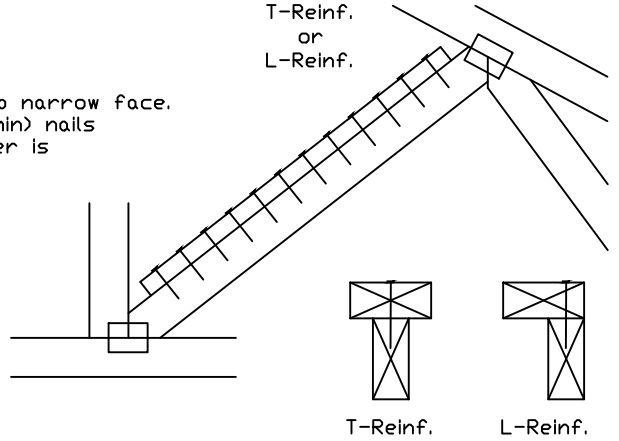
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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.

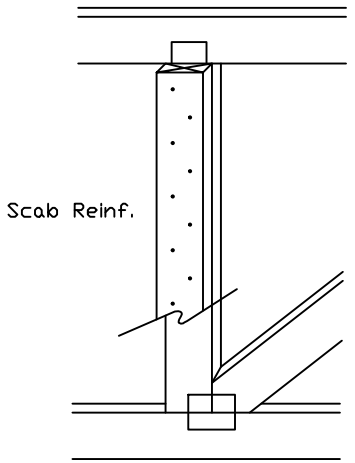
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.131"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 (0.131"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Rev: 01/23/26

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

DOUGLAS FLEMING LICENSE No.66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/25/2026

COA #0 278

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		

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.

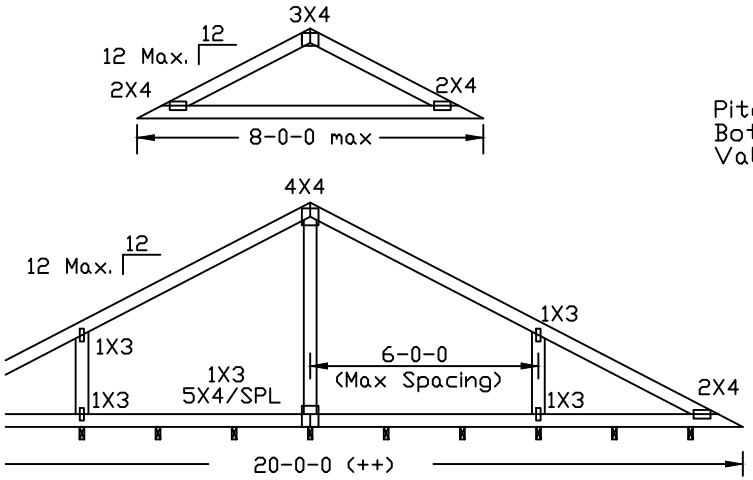
All plates shown are Alpine Wave Plates.

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 (0.131" 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.

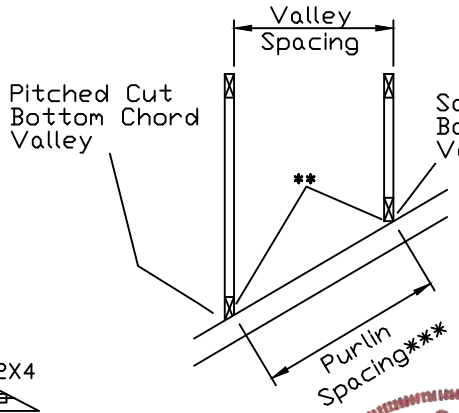
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss installation.
Or
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

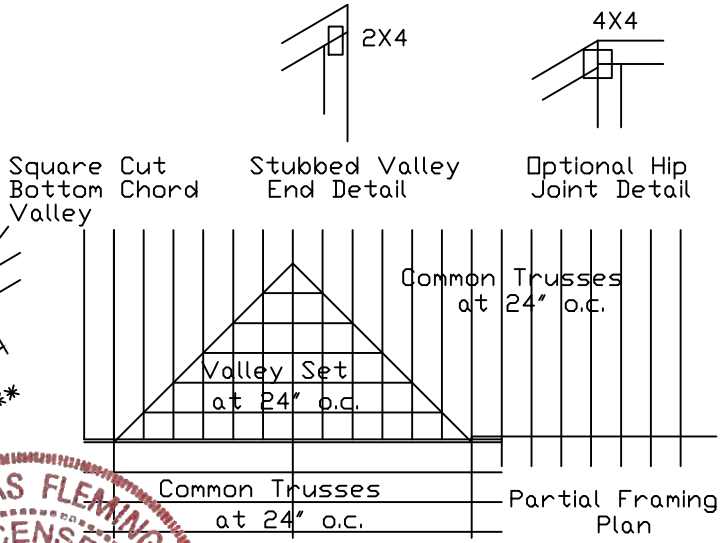
*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

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



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





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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

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/25/2026
COA #0 278

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

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.

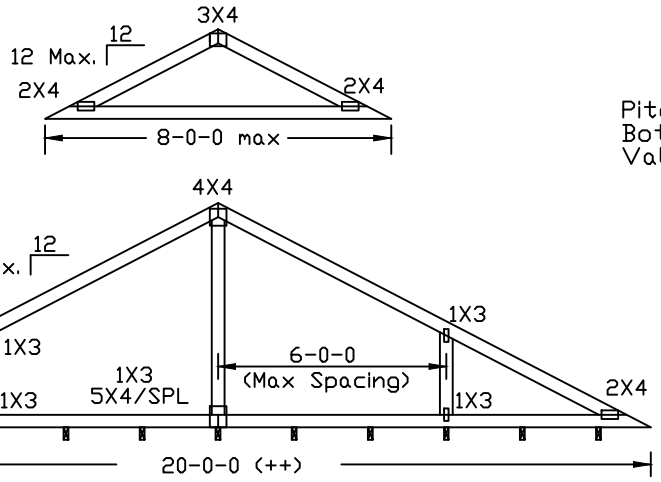
All plates shown are Alpine Wave Plates.

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 (0.131" 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.

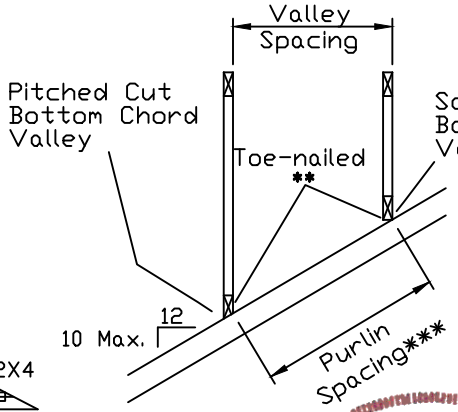
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss installation.
Or
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

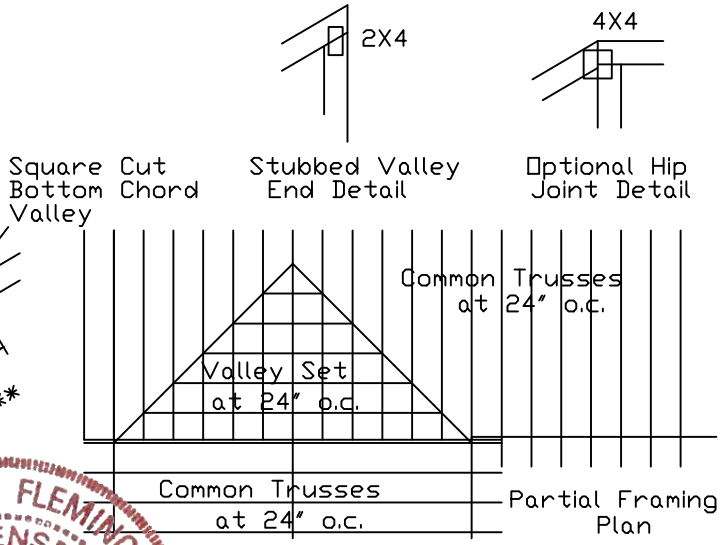
*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

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



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





Rev: 01/23/26

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/25/2026
COA #0 278

TC LL	30	30	40PSF
TC DL	20	15	7PSF
BC DL	10	10	10 PSF
BC LL	0	0	0PSF
TOT. LD.	60	55	57PSF
DUR.FAC.	1.25/1.33	1.15	1.15
SPACING		24.0"	

REF	VALLEY DETAIL
DATE	07/03/2023
DRWG	VALTN220723

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

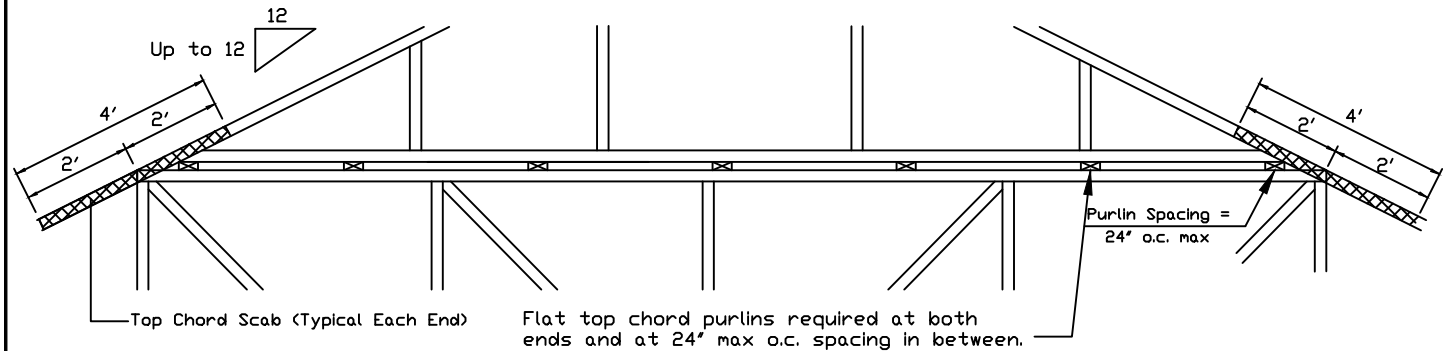
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, Wind DL= 5.0 psf (min), Kzt=1.0.

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.

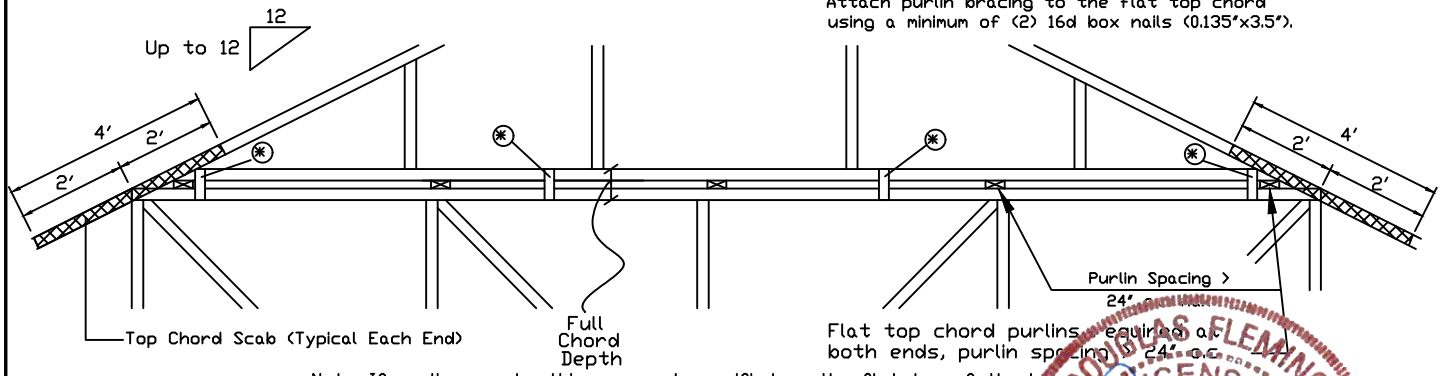
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

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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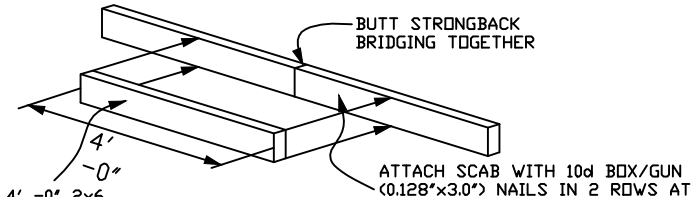
DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/25/2026
COA #0 278

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

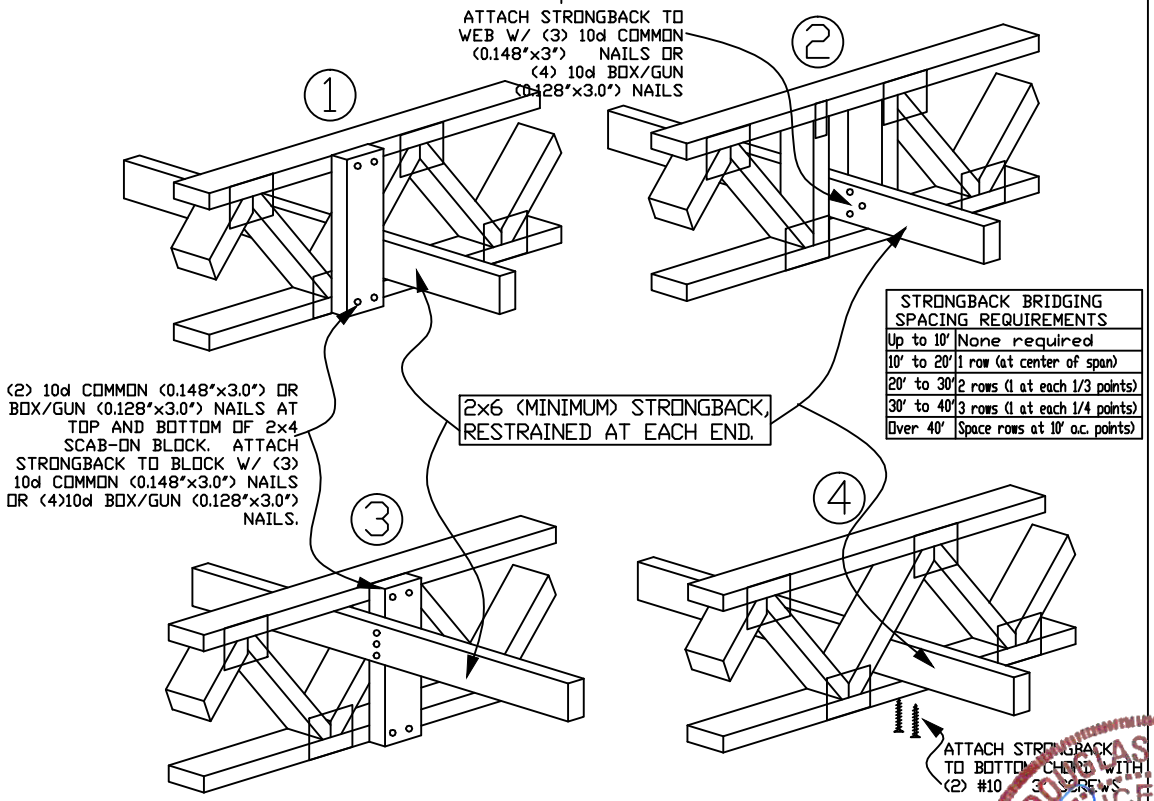
STRONGBACK BRIDGING RECOMMENDATIONS



NOTE: IN LIEU OF SPLICING AS SHOWN, LAP STRONGBACK BRIDGING MEMBERS FOR AT LEAST ONE TRUSS SPACING

STRONGBACK BRIDGING SPLICE DETAIL

NOTE: Details 1 and 2 are the preferred attachment methods



STRONGBACK BRIDGING SPACING REQUIREMENTS	
Up to 10'	None required
10' to 20'	1 row (at center of span)
20' to 30'	2 rows (1 at each 1/3 points)
30' to 40'	3 rows (1 at each 1/4 points)
Over 40'	Space rows at 10' o.c. points)

STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

- All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- All strongback bridging and bracing shall be a minimum 2x6 "stress graded lumber."
- The purpose of strongback bridging is to develop load sharing between individual trusses, resulting in an overall increase in the stiffness of the floor system. 2x6 strongback bridging, positioned as shown in details, is recommended at 10' -0" o.c. (max.)
- The terms "bridging" and "bracing" are sometimes mistakenly used interchangeably. "Bracing" is an important structural requirement of any floor or roof system. Refer to the Truss Design Drawing (TDD) for the bracing requirements for each individual truss component. "Bridging," particularly "strongback bridging" is a recommendation for a truss system to help control vibration. In addition to aiding in the distribution of point loads between adjacent truss, strongback bridging serves to reduce "bounce" or residual vibration resulting from moving point loads, such as footsteps.

The performance of all floor systems are enhanced by the installation of strongback bridging and therefore is strongly recommended by Alpine.

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).

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02/25/2026
COA #0 278

TC LL	PSF	REF STRONGBACK
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG STRBRIBR1014
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.	1.00	
SPACING		