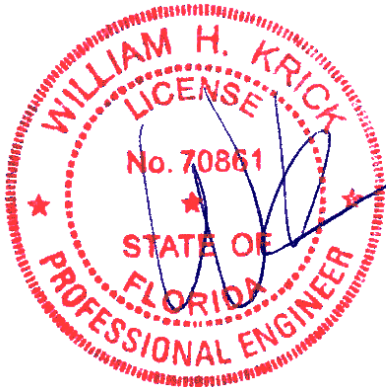




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Glenview, IL 60025
Phone: (800)521-9790
www.alpineitw.com



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COA #0 278

Florida Certificate of Product Approval #FL 1999

07/13/2026

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 26-3680
Job Description: BROWN	
Address: Lake City, FL	

Job Engineering Criteria:	
Design Code: FBC 8th Ed. 2023 Res.	IntelliVIEW Version: 24.02.00D JRef #: 1YLP2150005
Wind Standard: ASCE 7-22 Wind Speed (mph): 130	Design Loading (psf): 40
Building Type: Enclosed	

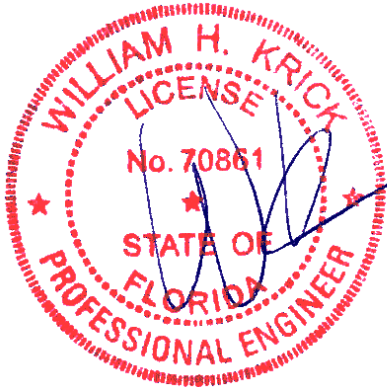
This package contains general notes pages, 119 truss drawing(s) and 4 detail(s).

Item	Drawing Number	Truss
1	191.26.0955.23265	A01
3	191.26.0955.19861	A03
5	191.26.0955.23854	A05
7	191.26.0955.23724	A07
9	191.26.0955.23624	A09
11	191.26.0955.22124	A11
13	191.26.0955.22804	A13
15	191.26.0955.20514	A15
17	191.26.0955.20096	A17
19	191.26.0955.21234	B02
21	191.26.0955.21044	B04
23	191.26.0955.22320	C02
25	191.26.0955.22479	C04
27	191.26.0955.20614	C06
29	191.26.0955.23249	C08
31	191.26.0955.23476	C10
33	191.26.0955.20944	C12
35	191.26.1122.44717	C14
37	191.26.0955.22954	C16
39	191.26.0955.23214	C18
41	191.26.1123.15877	C20
43	191.26.0955.22509	C22
45	191.26.0955.22314	C24
47	191.26.0955.22714	C26
49	191.26.0955.21798	D01

Item	Drawing Number	Truss
2	191.26.0955.20984	A02
4	191.26.0955.20856	A04
6	191.26.0955.21894	A06
8	191.26.0955.21274	A08
10	191.26.0955.20194	A10
12	191.26.0955.23518	A12
14	191.26.0955.20154	A14
16	191.26.0955.21404	A16
18	191.26.0955.21728	B01
20	191.26.1122.41770	B03
22	191.26.0955.20234	C01
24	191.26.0955.21944	C03
26	191.26.0955.21364	C05
28	191.26.0955.20214	C07
30	191.26.0955.19860	C09
32	191.26.0955.22004	C11
34	191.26.0955.21749	C13
36	191.26.1122.54657	C15
38	191.26.0955.22525	C17
40	191.26.0955.19914	C19
42	191.26.0955.20419	C21
44	191.26.0955.22434	C23
46	191.26.0955.22874	C25
48	191.26.0955.20556	C27
50	191.26.0955.22985	D02



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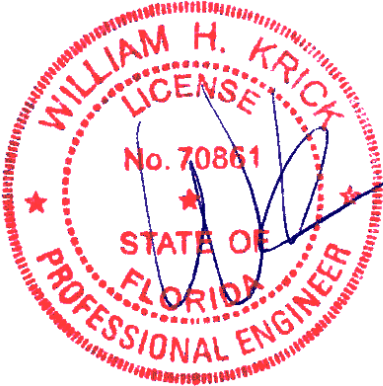
Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 26-3680
Job Description: BROWN	
Address: Lake City, FL	

Item	Drawing Number	Truss
51	191.26.1123.32930	D03
53	191.26.1123.36000	D05
55	191.26.1124.15423	D07
57	191.26.0955.23794	E02
59	191.26.1124.43663	E04
61	191.26.0955.23414	G02
63	191.26.0955.21322	J01
65	191.26.0955.19884	J02
67	191.26.0955.21875	J03
69	191.26.0955.22244	J04
71	191.26.0955.19827	J05
73	191.26.0955.22716	J06
75	191.26.0955.23544	J07
77	191.26.0955.20894	J09
79	191.26.0955.23494	J11
81	191.26.0955.23027	J13
83	191.26.0955.22464	J15
85	191.26.0955.20260	J17
87	191.26.0955.21639	J19
89	191.26.0955.21474	J21
91	191.26.0955.22014	V01
93	191.26.0955.23334	V03
95	191.26.0955.20714	V05
97	191.26.0955.21655	V07
99	191.26.0955.22764	V09
101	191.26.0955.23159	V11
103	191.26.0955.23444	V13
105	191.26.0955.21484	V15
107	191.26.0955.22435	V17
109	191.26.0955.22134	V19
111	191.26.0955.23349	V21
113	191.26.0955.21704	V23
115	191.26.0955.20466	V25

Item	Drawing Number	Truss
52	191.26.1123.34357	D04
54	191.26.0955.23064	D06
56	191.26.1124.22047	E01
58	191.26.0955.22046	E03
60	191.26.0955.20344	G01
62	191.26.1124.54763	G03
64	191.26.0955.20799	J01HJ
66	191.26.0955.21085	J02HJ
68	191.26.0955.23604	J03HJ
70	191.26.0955.21184	J04HJ
72	191.26.0955.22573	J05HJ
74	191.26.0955.23778	J06HJ
76	191.26.0955.22187	J08
78	191.26.0955.19944	J10
80	191.26.0955.23035	J12
82	191.26.0955.20176	J14
84	191.26.0955.21454	J16
86	191.26.0955.21524	J18
88	191.26.0955.22907	J20
90	191.26.0955.22732	J22
92	191.26.0955.20764	V02
94	191.26.0955.21560	V04
96	191.26.0955.22780	V06
98	191.26.0955.22274	V08
100	191.26.0955.21964	V10
102	191.26.0955.23128	V12
104	191.26.0955.20656	V14
106	191.26.0955.23666	V16
108	191.26.0955.21996	V18
110	191.26.0955.22616	V20
112	191.26.0955.21765	V22
114	191.26.0955.22214	V24
116	191.26.0955.23795	V26



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07/13/2026

Site Information:	Page 3:
Customer: W. B. Howland Company, Inc.	Job Number: 26-3680
Job Description: BROWN	
Address: Lake City, FL	

Item	Drawing Number	Truss
117	191.26.0955.21134	V27
119	191.26.0955.23255	V29
121	DEFLCAMB1014	
123	VALTN220723	

Item	Drawing Number	Truss
118	191.26.0955.23001	V28
120	BRCLBSUB0119	
122	VAL180220723	

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, C_b , 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.

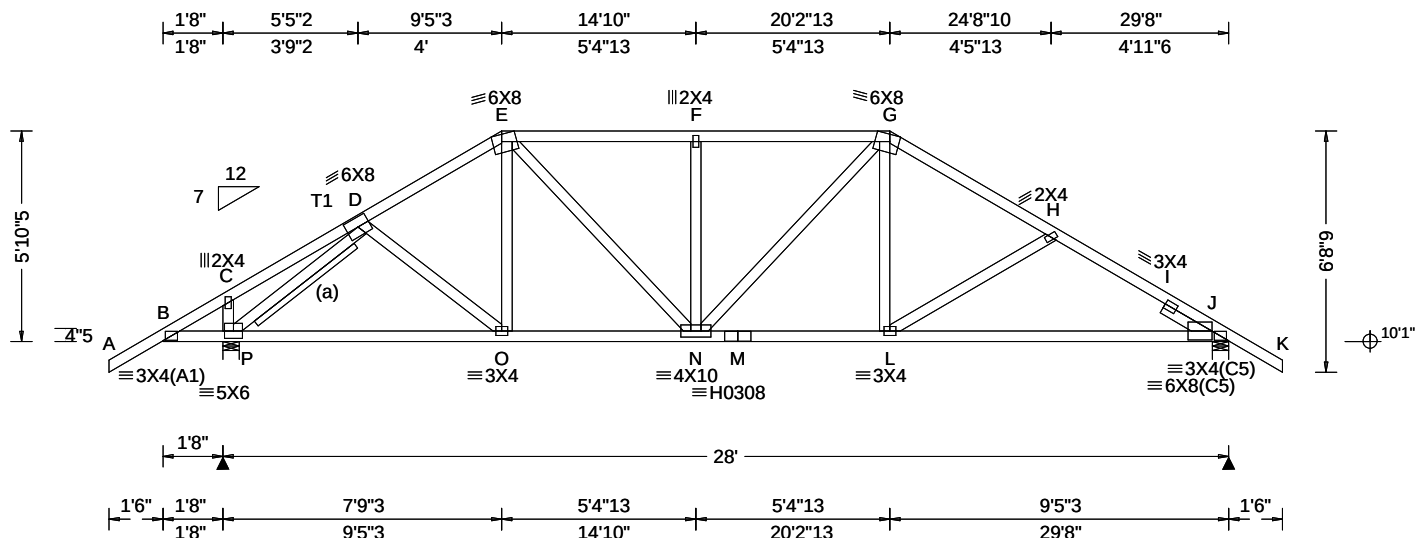
Refer to ASCE-7 for Wind and Seismic abbreviations.

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: 97895 / FROM:	HIPS Qty: 1	Ply: 1 Job Number: 26-3680 BROWN Truss Label: A01	Cust: R 215 JRef: 1YLP2150005 T48 / DrwNo: 191.26.0955.23265 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.132 F 999 240 VERT(CL): 0.265 F 999 180 HORZ(LL): 0.051 J - - HORZ(TL): 0.103 J - - Creep Factor: 2.0 Max TC CSI: 0.519 Max BC CSI: 0.486 Max Web CSI: 0.801 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL P 3030 - / - / - / 757 - / - J 2790 - / - / - / 691 - / - Non-Gravity Wind reactions based on MWFRS P Brg Wid = 5.5 Min Req = 2.1 (Truss) J Brg Wid = 5.5 Min Req = 2.3 (Truss) Bearings P & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. D - E 997 - 3836 G - H 1136 - 4454 E - F 1142 - 4184 H - I 1192 - 4626 F - G 1142 - 4184 I - J 1316 - 4676

Lumber	Wind
Top chord: 2x4 SP 2400f-2.0E; T1 2x4 SP #2; Bot chord: 2x4 SP 2400f-2.0E; Webs: 2x4 SP #3; Rt Slider: 2x4 SP #3; block length = 1.50'	Wind loads and reactions based on MWFRS. Left cantilever is not exposed to wind Wind loading based on both gable and hip roof types.

Reinforcement	Maximum Bot Chord Forces Per Ply (lbs)
(a) 2x6 #3 or better "T" reinforcement. 80% length of web member. Attach with 10d Box or Gun (0.128"x3", min.) nails @ 6" oc.	Chords Tens.Comp. Chords Tens. Comp. P - O 2674 - 694 M - L 3795 - 966 O - N 3268 - 847 L - J 3926 - 998 N - M 3795 - 966

Special Loads	Maximum Web Forces Per Ply (lbs)
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 63 plf at -1.50 to 63 plf at 9.43 TC: From 32 plf at 9.43 to 32 plf at 20.24 TC: From 63 plf at 20.24 to 63 plf at 31.17 BC: From 5 plf at -1.50 to 5 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 9.46 BC: From 10 plf at 9.46 to 10 plf at 20.21 BC: From 20 plf at 20.21 to 20 plf at 29.67 BC: From 5 plf at 29.67 to 5 plf at 31.17 TC: 485 lb Conc. Load at 9.46 TC: 189 lb Conc. Load at 11.49,13.49,14.83,16.18 18.18 TC: 526 lb Conc. Load at 20.21 BC: 378 lb Conc. Load at 9.46 BC: 128 lb Conc. Load at 11.49,13.49,14.83,16.18 18.18 BC: 626 lb Conc. Load at 20.21	Webs Tens.Comp. Webs Tens. Comp. P - D 1076 - 3893 F - N 521 - 838 D - O 751 - 194 N - G 556 - 252 E - N 1313 - 422 G - L 895 0

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

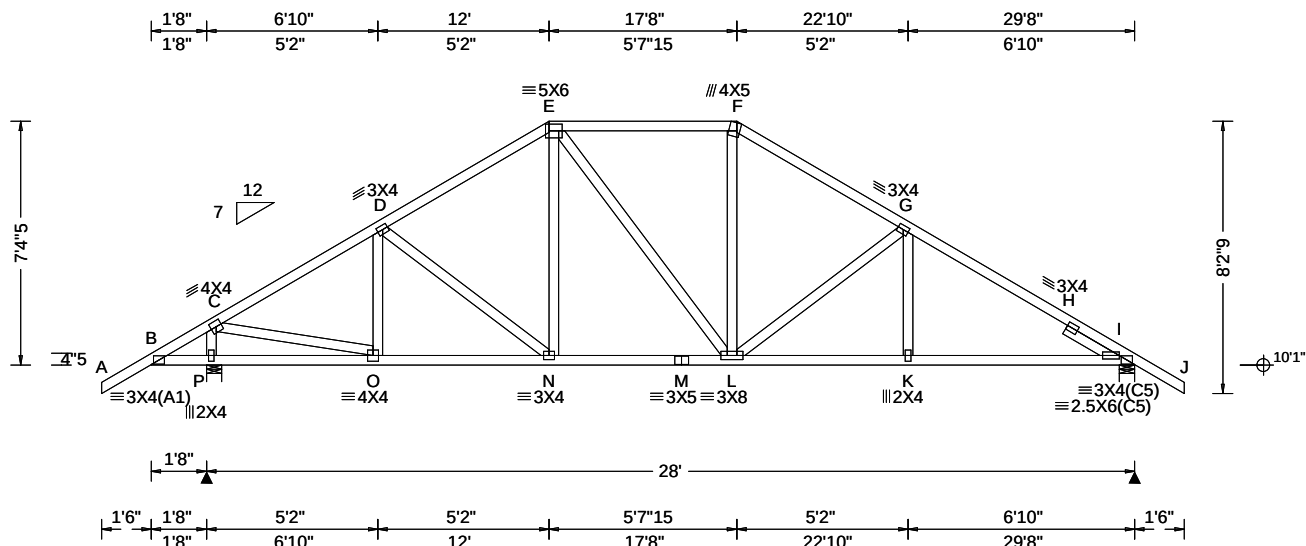


COA #0278

07/13/2026 Florida Certificate of Product Approval #FL 1999

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org	ALPINE AN ITW COMPANY 155 Harlem Ave North Building, 4th Floor Glenview, IL 60025
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SEQN: 97862 / FROM:	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: A02	Cust: R 215 JRef: 1YLP2150005 T29 / DrwNo: 191.26.0955.20984 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	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): 0.056 H 999 240 VERT(CL): 0.115 H 999 180 HORZ(LL): 0.021 I - - HORZ(TL): 0.046 I - - Creep Factor: 2.0 Max TC CSI: 0.418 Max BC CSI: 0.570 Max Web CSI: 0.484 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL P 1409 - / - / /756 /247 /181 I 1269 - / - / /685 /221 - Wind reactions based on MWFRS P Brg Wid = 5.5 Min Req = 1.5 (Truss) I Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings P & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. C - D 413 -1415 F - G 508 -1351 D - E 491 -1295 G - H 503 -1742 E - F 484 -1097 H - I 496 -1801

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Slider: 2x4 SP #3; block length = 1.801'

Purlins

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

Wind

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

Left cantilever is not exposed to wind

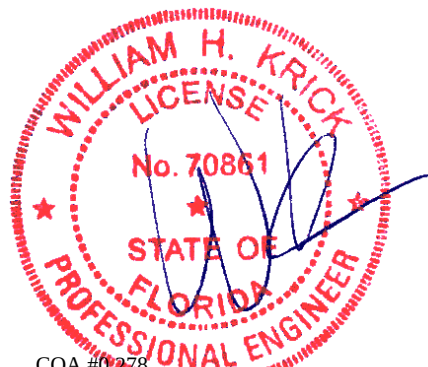
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	1164 -208	L - K	1447 -309
N - M	1048 -168	K - I	1450 -308
M - L	1048 -168		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
P - C	468 -1308	L - G	158 -452
C - O	1269 -394		



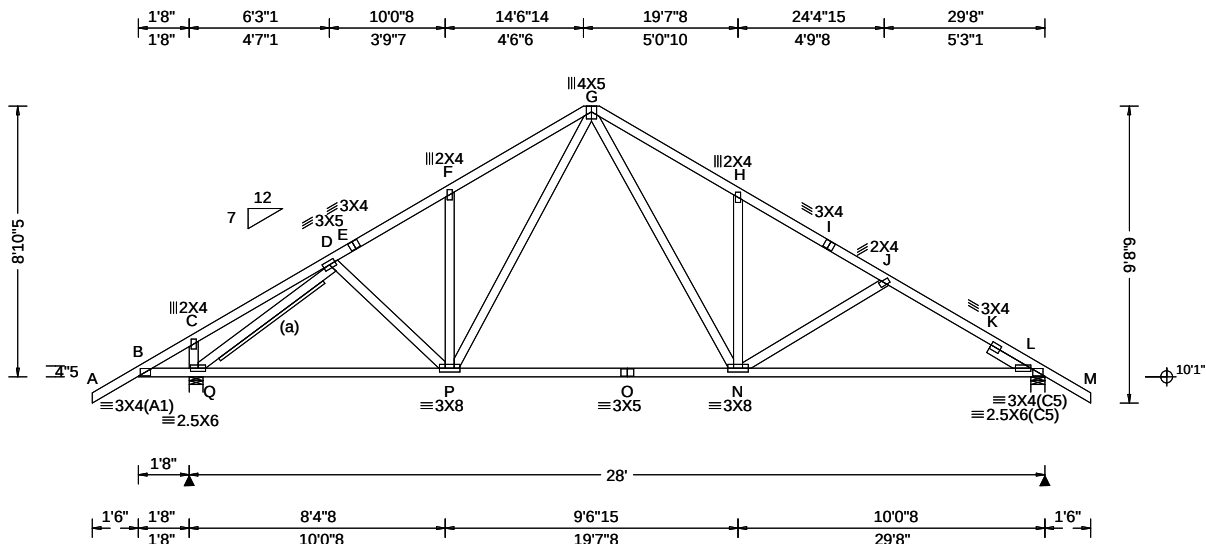
COA #0278

07/13/2026
Florida Certificate of Product Approval #FL 1999

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

SEQN: 97858 / FROM:	HIPS Qty: 1	Job Number: 26-3680 BROWN Truss Label: A03	Cust: R 215 JRef: 1YLP2150005 T10 / DrwNo: 191.26.0955.19861 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	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): 0.061 H 999 240 VERT(CL): 0.125 H 999 180 HORZ(LL): 0.024 L - - HORZ(TL): 0.050 F - - Creep Factor: 2.0 Max TC CSI: 0.358 Max BC CSI: 0.908 Max Web CSI: 0.694 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Q 1416 - / - / /754 /240 /220 L 1263 - / - / /675 /212 - / - Wind reactions based on MWFRS Q Brg Wid = 5.5 Min Req = 1.5 (Truss) L Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings Q & 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. D - E 275 -1341 H - I 316 -1452 E - F 292 -1313 I - J 299 -1512 F - G 402 -1348 J - K 352 -1755 G - H 433 -1507 K - L 517 -1798

Lumber

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

Reinforcement

(a) 1x4 #3SRB SPF-S or better "T" reinforcement.
80% length of web member. Attach with 8d Box or
Gun (0.113"x2.5", min.) nails @ 6" oc.

Wind

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

Left cantilever is not exposed to wind

Wind loading based on both gable and hip roof types.



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

Lumber	E - F	298 - 1509	I - J	305 - 1717
Top chord: 2x4 SP #2;	F - G	408 - 1545	J - K	359 - 1950
Bot chord: 2x4 SP #2;	G - H	441 - 1714	K - L	522 - 1998
Webs: 2x4 SP #3;				
Rt Slider: 2x4 SP #3; block length = 1.500'				
	Maximum Bot Chord Forces Per Ply (lbs)			

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

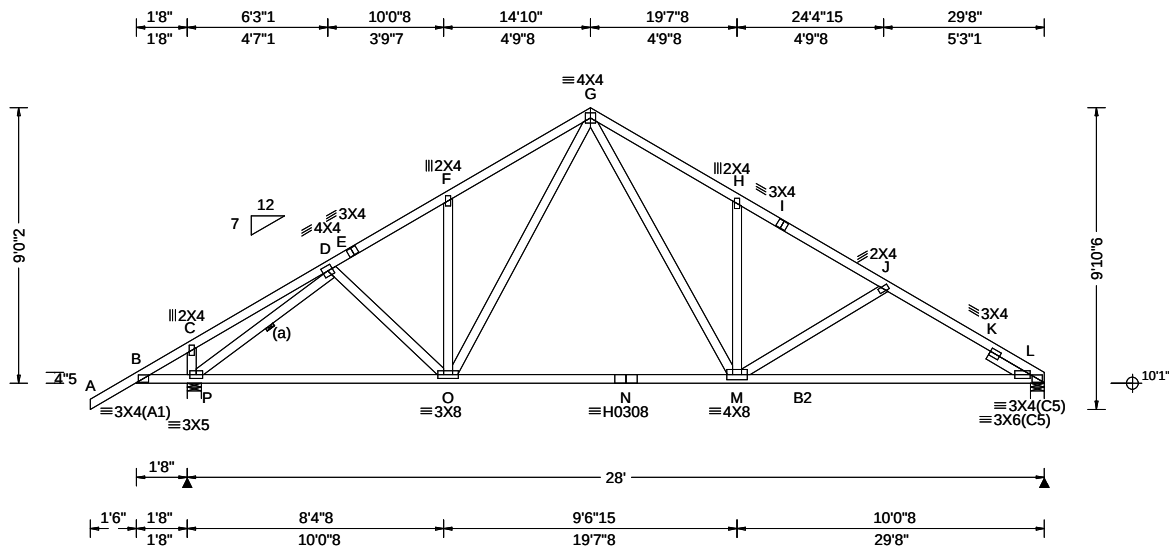


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ALPINE
AN ITW COMPANY

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

SEQN: 97854 / FROM:	COMN	Ply: 1 Qty: 9	Job Number: 26-3680 BROWN Truss Label: A05	Cust: R 215 JRef:1YLP2150005 T70 / DrwNo: 191.26.0955.23854 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.069 H 999 240 VERT(CL): 0.133 H 999 180 HORZ(LL): 0.027 F - - HORZ(TL): 0.053 F - - Creep Factor: 2.0 Max TC CSI: 0.350 Max BC CSI: 0.822 Max Web CSI: 0.444 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL P 1526 - / - / - / 760 / 24 / 240 L 1251 - / - / - / 674 / 14 / - Wind reactions based on MWFRS P Brg Wid = 5.5 Min Req = 1.5 (Truss) L Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings P & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. D - E 287 -1540 H - I 342 -1631 E - F 305 -1512 I - J 334 -1739 F - G 415 -1548 J - K 392 -1980 G - H 456 -1734 K - L 431 -2029

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Rt Slider: 2x4 SP #3; block length = 1.500'

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Loading

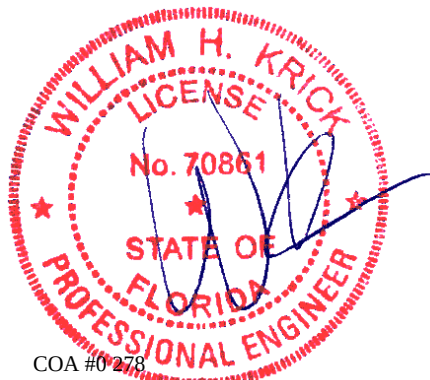
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

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

Left cantilever is not exposed to wind

Wind loading based on both gable and hip roof types.



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North Building, 4th Floor
Glenview, IL 60025

The diagram illustrates a roof truss system with the following dimensions and member labels:

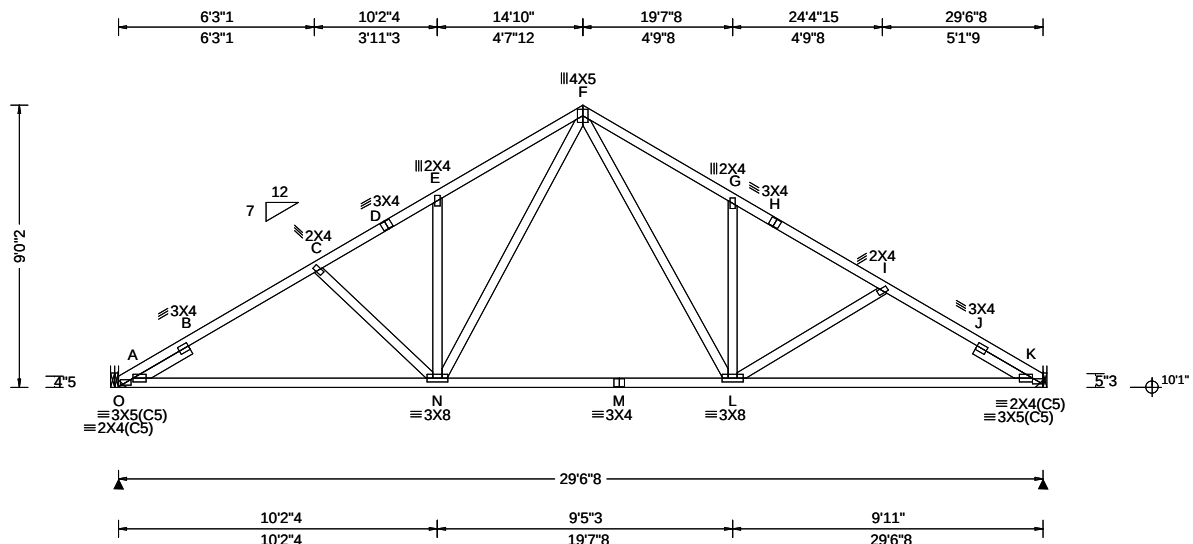
- Overall Dimensions:**
 - Span: 28'
 - Height: 9'0"
 - Overhang: 10'1"
- Top Chord Members:**
 - Left overhang: 1'8"
 - Segment 1: 6'3"1 (4'7"1)
 - Segment 2: 10'2"4 (3'11"3)
 - Segment 3: 14'10" (4'7"12)
 - Segment 4: 19'7"8 (4'9"8)
 - Segment 5: 24'4"15 (4'9"8)
 - Right overhang: 29'8" (5'3"1)
- Bottom Chord Members:**
 - Left overhang: 1'8"
 - Segment 1: 8'6"4 (10'2"4)
 - Segment 2: 9'5"3 (19'7"8)
 - Segment 3: 10'0"8 (29'8")
 - Right overhang: 10'1"
- Truss Members and Connections:**
 - Top Chord:** III 4X5 (F), III 2X4 (E), III 2X4 (G), III 2X4 (H), 2X4 (I), 3X4 (J), 3X4 (K).
 - Bottom Chord:** ≡ 2X4(A1), ≡ 3X4 (O), ≡ 3X8 (N), ≡ 3X4 (M), ≡ 3X8 (L), ≡ 3X5(C5), ≡ 2X4(C5).
 - Vertical Members:** ≡ 3X4 (D), ≡ 3X4 (C), ≡ 3X4 (H), ≡ 3X4 (J).
 - Diagonal Members:** ≡ 3X4 (D), ≡ 3X4 (C), ≡ 3X4 (H), ≡ 3X4 (J).
 - Connections:** 12/7 slope indicator, 4'5' vertical dimension, 10'1" horizontal dimension.

Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Rt Slider: 2x4 SP #3; block length = 1.500'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.138 B 999 240 VERT(CL): 0.189 B 999 180 HORZ(LL): 0.079 B - - HORZ(TL): 0.109 B - - Creep Factor: 2.0 Max TC CSI: 0.560 Max BC CSI: 0.946 Max Web CSI: 0.371 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL O 1228 - / - / - /708 /15 /223 K 1228 - / - / - /706 /15 /- Wind reactions based on MWFRS O Brg Wid = - Min Req = - K 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 453 -1930 F - G 488 -1652 B - C 411 -1868 G - H 374 -1549 C - D 378 -1650 H - I 367 -1660 D - E 387 -1579 I - J 424 -1892 E - F 481 -1639 J - K 506 -1951

Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Slider: 2x4 SP #3; block length = 2.043' Rt Slider: 2x4 SP #3; block length = 2.043'	Wind Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - N 1587 -263 M - L 1016 -49 N - M 1016 -49 L - K 1616 -285 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. N - F 723 -193 F - L 717 -196
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COA #0 278

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SEQN: 97825 / FROM: Page 2 of 2	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: A07	Cust: R 215 JRef:1YLP2150005 T49 / DrwNo: 191.26.0955.23724 GA / YK 07/10/2026
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Hangers / Ties

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

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

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

Bearing at location x=0' uses the following support conditions: 0'

Bearing O (0', 10'1") 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.

Bearing K (29'3"8, 10'1") HUS26

Supporting Member: (1)2x6 SP #2

(14) 0.148"x3" nails into supporting member,

(4) 0.148"x3" nails into supported member.



COA #0278

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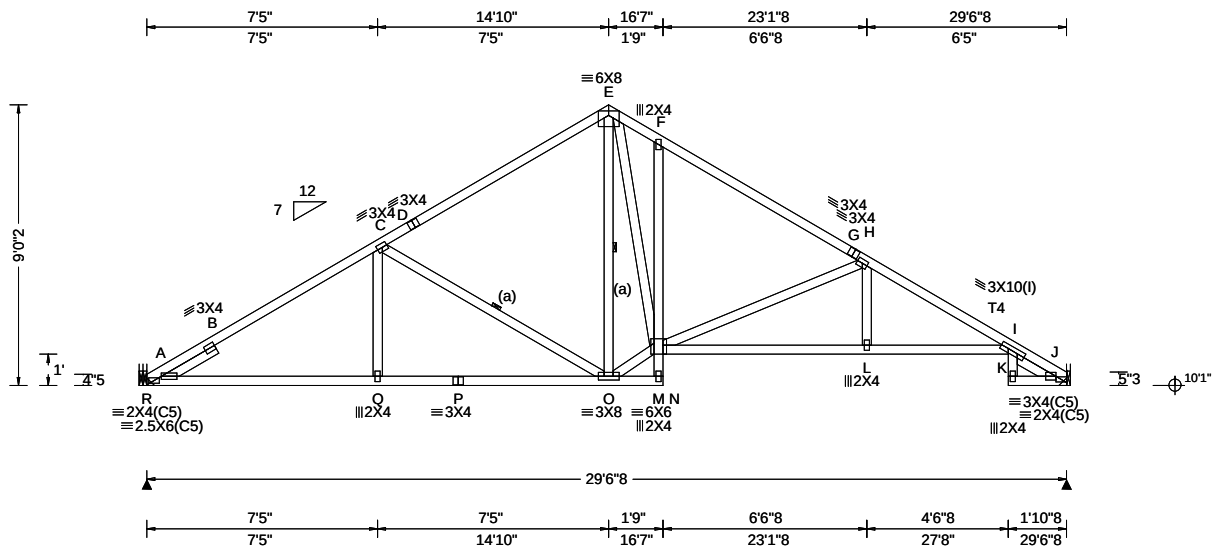
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SEQN: 98386 / FROM:	SPEC	Ply: 1 Qty: 2	Job Number: 26-3680 BROWN Truss Label: A08	Cust: R 215 JRef: 1YLP2150005 T45 / DrwNo: 191.26.0955.21274 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.279 K 999 240 VERT(CL): 0.579 K 601 180 HORZ(LL): 0.244 K - - HORZ(TL): 0.508 K - - Creep Factor: 2.0 Max TC CSI: 0.940 Max BC CSI: 0.547 Max Web CSI: 0.661 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL R 819 - / - / /472 /10 /149 J 819 - / - / /471 /10 - Wind reactions based on MWFRS R Brg Wid = - Min Req = - J 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 263 -1304 F - G 259 -1106 B - C 264 -1261 G - H 235 -1113 C - D 215 -885 H - I 315 -1644 D - E 239 -862 I - J 134 -475 E - F 306 -1007

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.969'
Rt Slider: 2x4 SP #3; block length = 1.440'

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

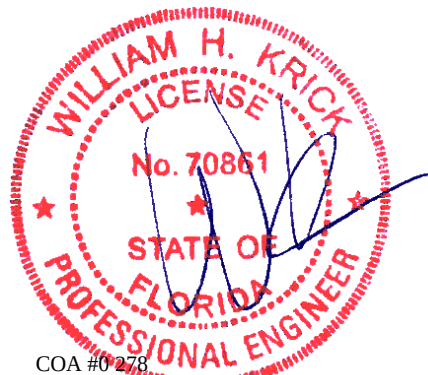
(l) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Hangers / Ties

Hanger Support Required, by others

Wind

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



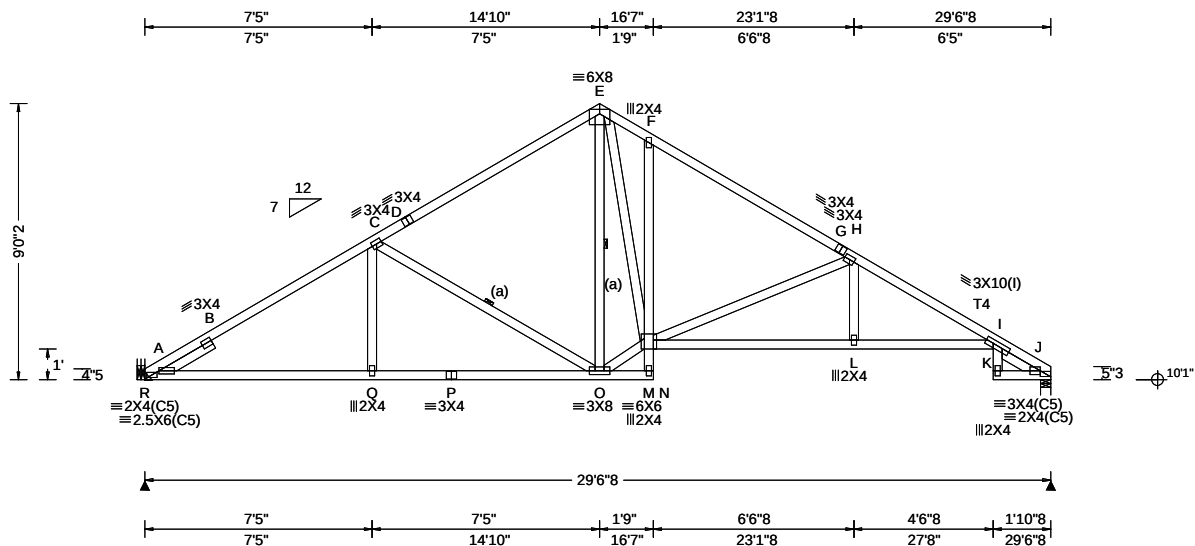
COA #0278

07/13/2023
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98383 / FROM:	SPEC	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: A09	Cust: R 215 JRef: 1YLP2150005 T88 / DrwNo: 191.26.0955.23624 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.262 K 999 240 VERT(CL): 0.545 K 638 180 HORZ(LL): 0.237 K - - HORZ(TL): 0.493 K - - Creep Factor: 2.0 Max TC CSI: 0.912 Max BC CSI: 0.537 Max Web CSI: 0.651 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL R 818 - / - /471 /10 /149 J 820 - / - /471 /10 /- Non-Gravity Wind reactions based on MWFRS R Brg Wid = - Min Req = - J Brg Wid = 4.0 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 262 -1301 F - G 258 -1102 B - C 263 -1258 G - H 234 -1110 C - D 214 -883 H - I 313 -1635 D - E 239 -860 I - J 122 -467 E - F 305 -1004

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.969'
Rt Slider: 2x4 SP #3; block length = 1.440'

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

Hangers / Ties

Hanger Support Required, by others

Wind

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

Wind loading based on both gable and hip roof types.



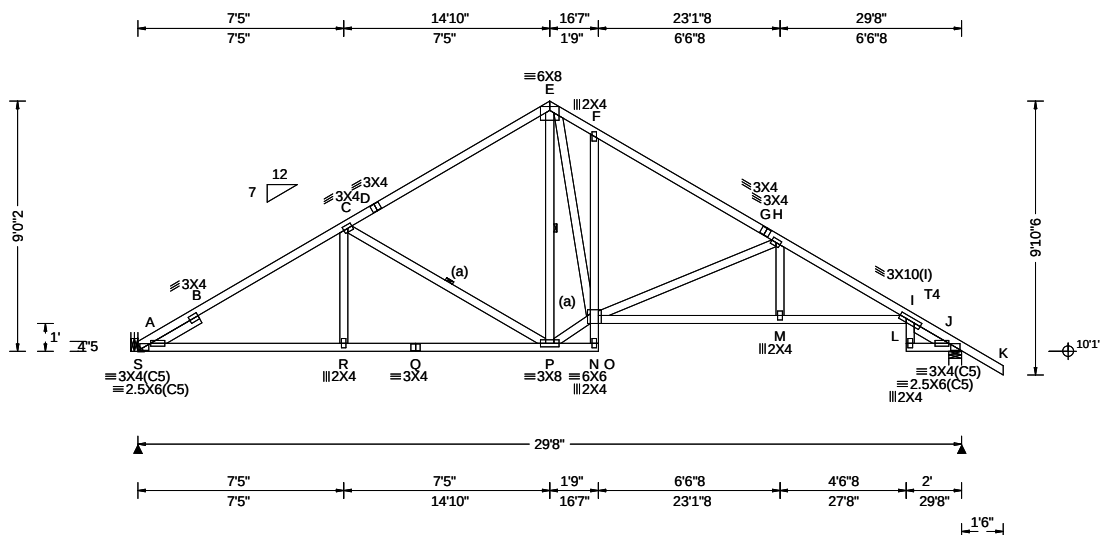
COA #0278

07/13/2026
Florida Certificate of Product Approval #FL 1999

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

SEQN: 98378 / FROM:	COMN Ply: 1 Qty: 2	Job Number: 26-3680 BROWN Truss Label: A10	Cust: R 215 JRef:1YLP2150005 T56 / DrwNo: 191.26.0955.20194 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	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 GCp: 0.18 Wind Duration: 1.33	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): 0.296 L 999 240 VERT(CL): 0.610 L 572 180 HORZ(LL): 0.246 L - - HORZ(TL): 0.507 L - - Creep Factor: 2.0 Max TC CSI: 0.937 Max BC CSI: 0.546 Max Web CSI: 0.661 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL S 819 -/- /- /473 /135 /160 J 894 -/- /- /478 /154 -/ Wind reactions based on MWFRS S Brg Wid = - Min Req = - J Brg Wid = 5.5 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 259 -1303 F - G 247 -1103 B - C 263 -1260 G - H 223 -1113 C - D 213 -885 H - I 293 -1644 D - E 238 -862 I - J 138 -457 E - F 301 -1006

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.969'
Rt Slider: 2x4 SP #3; block length = 1.440'

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

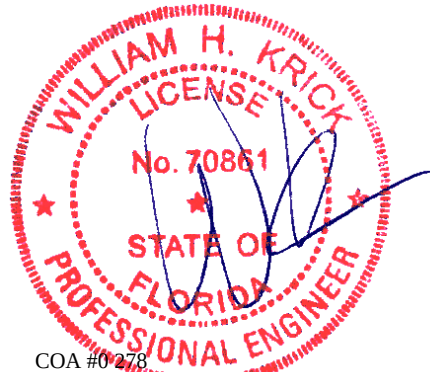
Hangers / Ties

Hanger Support Required, by others

Wind

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

Wind loading based on both gable and hip roof types.



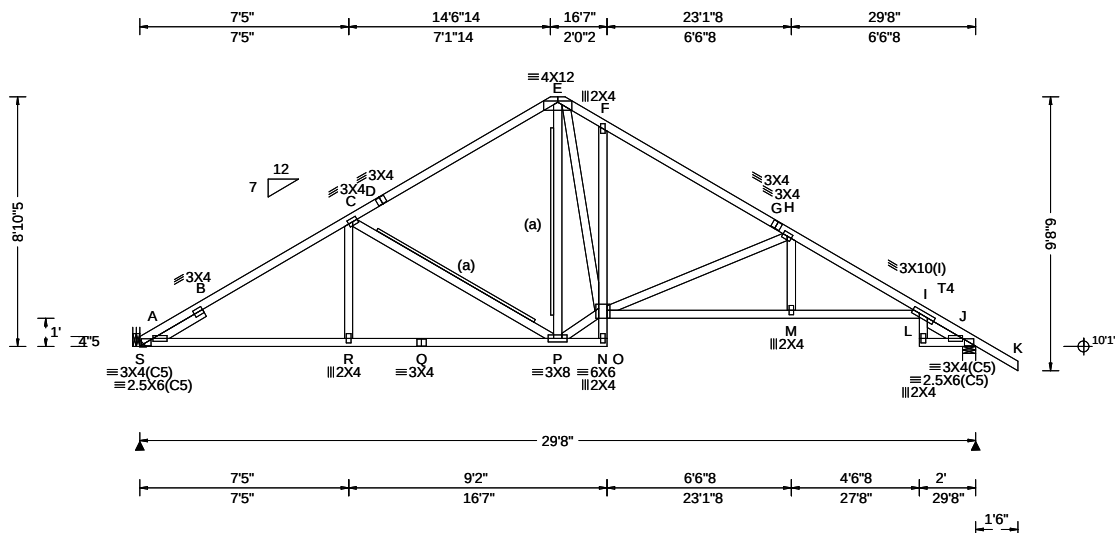
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98375 / FROM:	HIPS Qty: 1	Job Number: 26-3680 BROWN Truss Label: A11	Cust: R 215 JRef: 1YLP2150005 T85 / DrwNo: 191.26.0955.22124 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	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 GCp: 0.18 Wind Duration: 1.33	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): 0.296 L 999 240 VERT(CL): 0.610 L 572 180 HORZ(LL): 0.246 L - - HORZ(TL): 0.507 L - - Creep Factor: 2.0 Max TC CSI: 0.937 Max BC CSI: 0.546 Max Web CSI: 0.661 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL S 819 - / - / - / 469 / 132 / 158 J 894 - / - / - / 475 / 152 / - Wind reactions based on MWFRS S Brg Wid = - Min Req = - J Brg Wid = 5.5 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 255 - 1303 F - G 242 - 1103 B - C 258 - 1259 G - H 218 - 1113 C - D 209 - 885 H - I 287 - 1644 D - E 232 - 862 I - J 136 - 457 E - F 295 - 1006

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 2.037'
Rt Slider: 2x4 SP #3; block length = 1.440'

Reinforcement

(a) 1x4 #3SRB SPF-S or better "T" reinforcement.
80% length of web member. Attach with 8d Box or
Gun (0.113"x2.5", min.) nails @ 6" oc.

Plating Notes

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

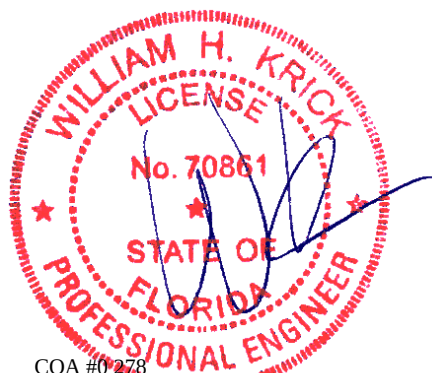
Hangers / Ties

Hanger Support Required, by others

Wind

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

Wind loading based on both gable and hip roof types.



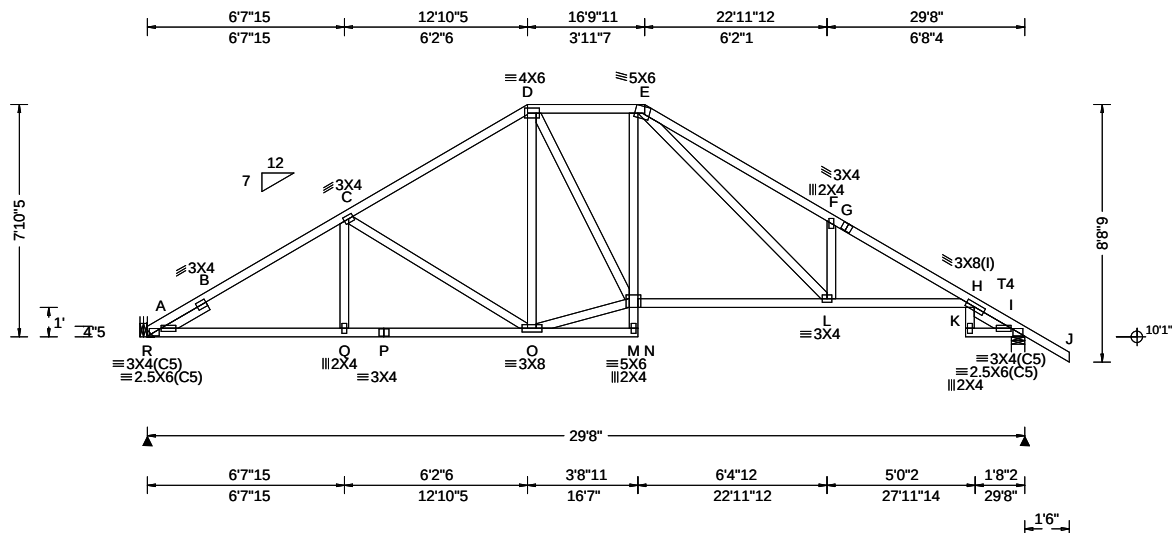
COA #0 278

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

SEQN: 98449 / FROM:	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: A12	Cust: R 215 JRef: 1YLP2150005 T32 / DrwNo: 191.26.0955.23518 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	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: 1.33	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): 0.311 K 999 240 VERT(CL): 0.642 K 544 180 HORZ(LL): 0.211 K - - HORZ(TL): 0.434 K - - Creep Factor: 2.0 Max TC CSI: 0.838 Max BC CSI: 0.459 Max Web CSI: 0.381 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL R 819 - / - / - / 474 / 137 / 140 I 894 - / - / - / 479 / 156 / - Wind reactions based on MWFRS R Brg Wid = - Min Req = - I Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 349 -1320 E - F 519 -1757 B - C 347 -1280 F - G 406 -1546 C - D 330 -963 G - H 404 -1640 D - E 341 -905 H - I 160 -464

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.751'
Rt Slider: 2x4 SP #3; block length = 1.431'

Plating Notes

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

Hangers / Ties

Hanger Support Required, by others

Purlins

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

Wind

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

Wind loading based on both gable and hip roof types.



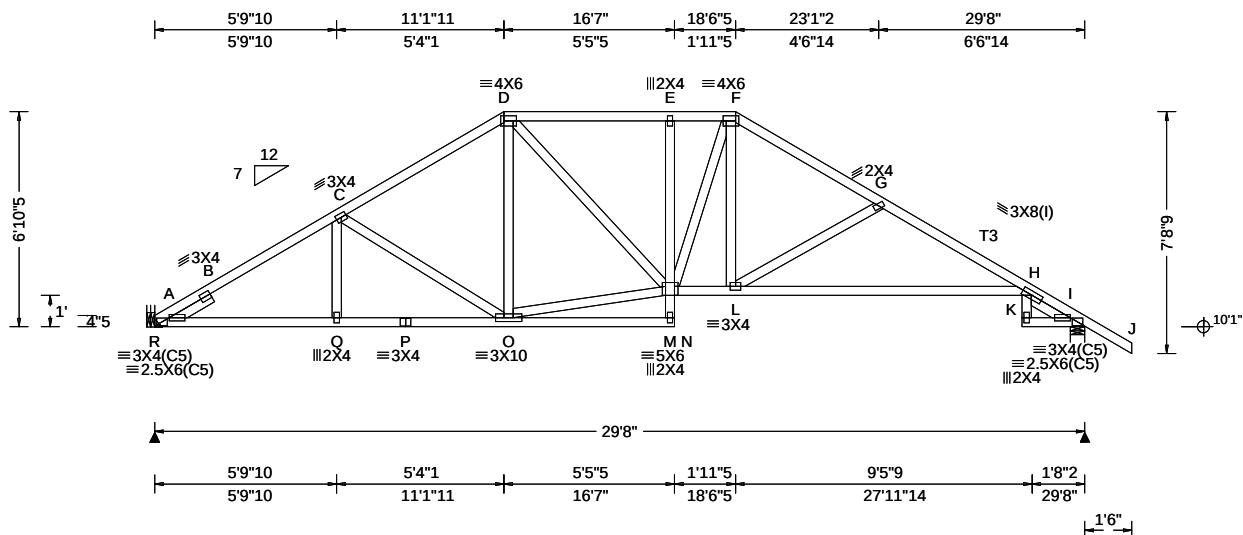
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SEQN: 98447 / FROM:	HIPS Qty: 1	Job Number: 26-3680 BROWN Truss Label: A13	Cust: R 215 JRef: 1YLP2150005 T8 / DrwNo: 191.26.0955.22804 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	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: 1.33	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): 0.304 K 999 240 VERT(CL): 0.626 K 558 180 HORZ(LL): 0.208 K - - HORZ(TL): 0.428 K - - Creep Factor: 2.0 Max TC CSI: 0.837 Max BC CSI: 0.826 Max Web CSI: 0.322 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL R 819 - / - / - / 472 / 139 / 123 I 894 - / - / - / 477 / 158 - Wind reactions based on MWFRS R Brg Wid = - Min Req = - I Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 426 -1335 E - F 465 -1076 B - C 419 -1299 F - G 447 -1244 C - D 409 -1042 G - H 532 -1599 D - E 464 -1073 H - I 182 -464

Lumber

Top chord: 2x4 SP #2; T3 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.503'
Rt Slider: 2x4 SP #3; block length = 1.431'

Plating Notes

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

Hangers / Ties

Hanger Support Required, by others

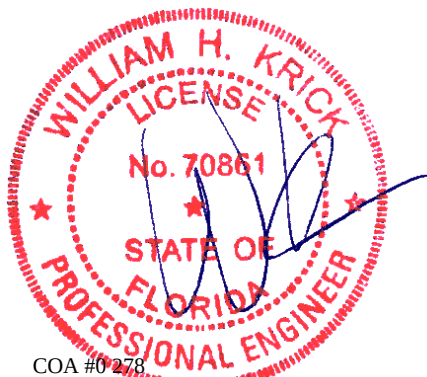
Purlins

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

Wind

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

Wind loading based on both gable and hip roof types.



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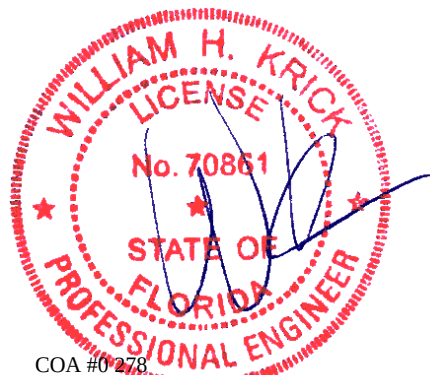
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Lumber	B - C	486 - 1307	F - G	550 - 1366
Top chord: 2x4 SP #2; T3 2x4 SP 2400f-2.0E;	C - D	484 - 1124	G - H	657 - 1742
Bot chord: 2x4 SP #2;	D - E	633 - 1329	H - I	203 - 465
Webbs: 2x4 SP #3;	Maximum Bot Chord Forces Per Ply (lbs)			
Lt Slider: 2x4 SP #3; block length = 1.500'	Chords	Tens.Comp.	Chords	Tens. Comp.
Rt Slider: 2x4 SP #3; block length = 1.431'				

Hangers / Ties
Hanger Support Required, by others

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

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



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Wind reactions based on MWFRS
R Brg Wid = - Min Req = -
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing I is a rigid surface.

Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
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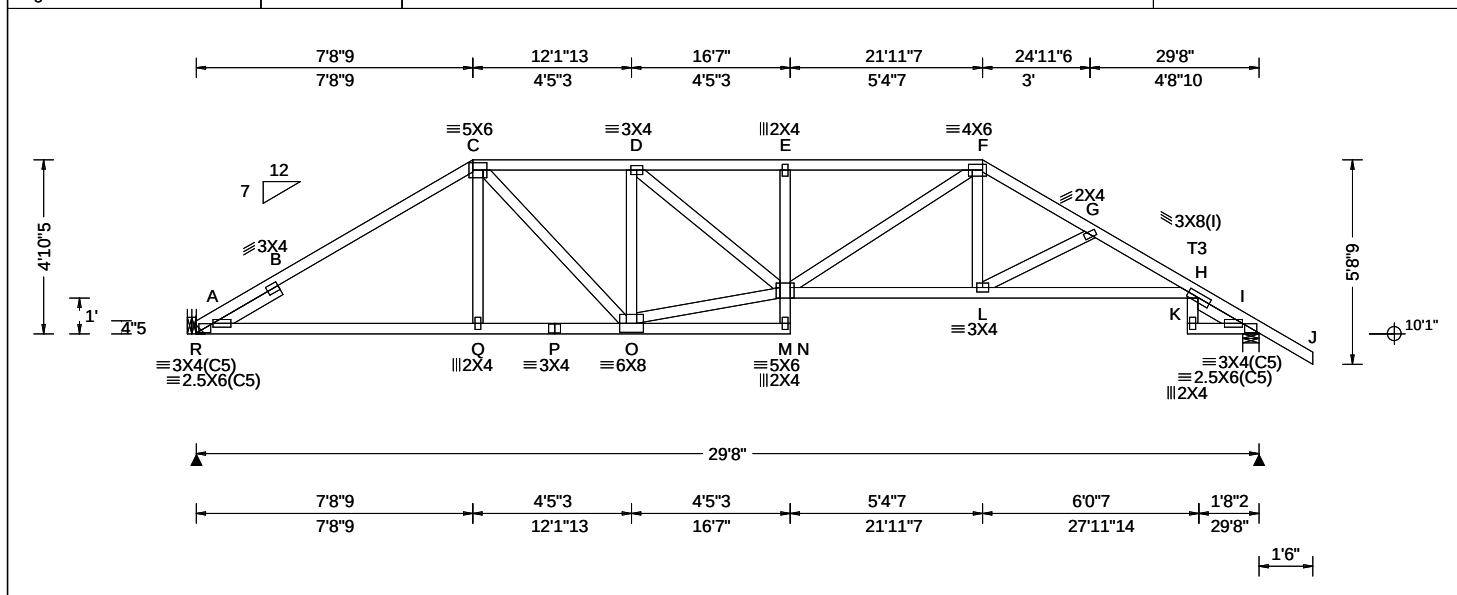
A - B	492 - 1342	E - F	635 - 1335
B - C	486 - 1307	F - G	550 - 1366
C - D	484 - 1124	G - H	657 - 1742
D - E	633 - 1329	H - I	203 - 465

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.		Chords	Tens. Comp.	
A - Q	1103	-344	M - L	1113	-332
Q - P	1101	-345	L - H	1610	-538
P - O	1101	-345			

Maximum Web Forces Per Ply (lbs)				
Webs	Tens.	Comp.	Webs	Tens. Comp.
D - M	463	-220	L - G	235 - 564
O - M	907	-283		

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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): 0.229 K 999 240 VERT(CL): 0.472 K 740 180 HORZ(LL): 0.168 K - - HORZ(TL): 0.346 K - - Creep Factor: 2.0 Max TC CSI: 0.842 Max BC CSI: 0.530 Max Web CSI: 0.481 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL R 819 - / - / - /462 /142 /88 I 894 - / - / - /467 /162 - /- Wind reactions based on MWFRS R Brg Wid = - Min Req = - I Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 540 -1293 E - F 848 -1712 B - C 549 -1235 F - G 667 -1527 C - D 645 -1244 G - H 768 -1871 D - E 843 -1701 H - I 224 -465

Lumber
Top chord: 2x4 SP #2; T3 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 2.098'
Rt Slider: 2x4 SP #3; block length = 1.431'

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

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

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



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Glenview, IL 60025

SEQN: 98443 / FROM: Page 2 of 2	HIPS Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: A15	Cust: R 215 JRef:1YLP2150005 T66 / DrwNo: 191.26.0955.20514 GA / YK 07/10/2026
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Hangers / Ties

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

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

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

Bearing at location $x=0'$ uses the following support conditions: 0'

Bearing R (0', 10'1") LUS24

Supporting Member: (2)2x6 SP 2400f-2.0E

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

(2) 0.148"x3" nails into supported member.



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Special Loads				D - S	725	-205	Q - H	672	-214
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)				S - E	171	-443	P - I	852	-225
TC: From 42 plf at -1.50 to 42 plf at 31.17				S - Q	1324	-369	O - J	125	-534
BC: From 3 plf at -1.50 to 3 plf at 0.00				E - Q	1164	-306			
BC: From 13 plf at 0.00 to 13 plf at 29.67									
BC: From 3 plf at 29.67 to 3 plf at 31.17									
TC: 137 lb Conc. Load at 4.32									
TC: 58 lb Conc. Load at 6.35, 8.35, 10.35, 12.35									
14.35, 15.32									
TC: 66 lb Conc. Load at 17.32, 19.32, 21.32, 23.32									
TC: 147 lb Conc. Load at 25.35									
BC: 76 lb Conc. Load at 4.32									
BC: 47 lb Conc. Load at 6.35, 8.35, 10.35, 12.35									
14.35, 15.32									
BC: 25 lb Conc. Load at 17.32, 19.32, 21.32, 23.32									
BC: 43 lb Conc. Load at 25.35									

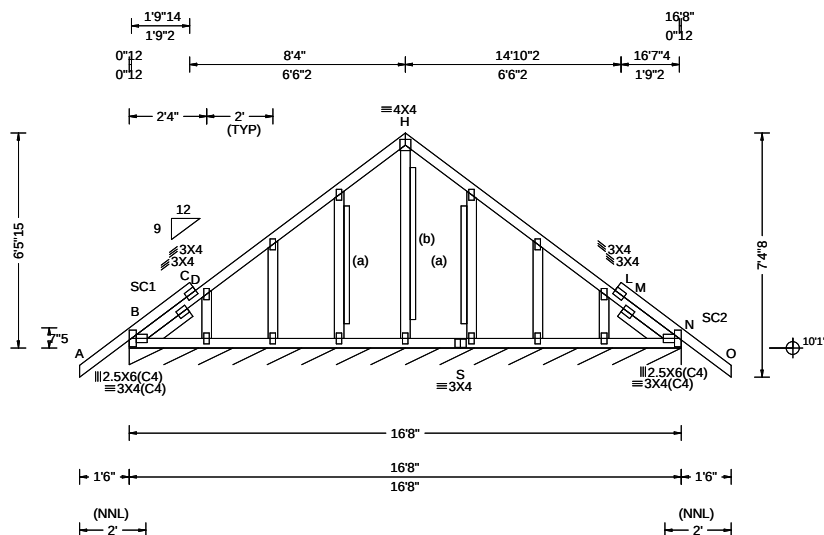
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155 Harlem Ave
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 Glenview, IL 60025

SEQN: 97606 / FROM:	GABL Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: B01	Cust: R 215 JRef: 1YLP2150005 T18 / DrwNo: 191.26.0955.21728 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 H 999 240 VERT(CL): 0.001 H 999 180 HORZ(LL): 0.001 M - - HORZ(TL): 0.003 G - - Creep Factor: 2.0 Max TC CSI: 0.199 Max BC CSI: 0.060 Max Web CSI: 0.717 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B* 98 /- /- /49 /15 /11 Wind reactions based on MWFRS B Brg Wid = 199 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

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.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/513.

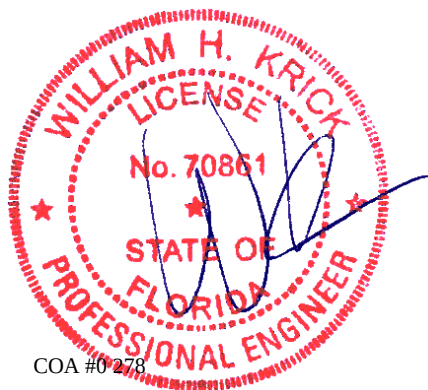
Gable Reinforcement

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

Additional Notes

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

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 notched area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.



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

SEQN: 97604 /	COMN	Ply: 1	Job Number: 26-3680	Cust: R 215 JRef: 1YLP2150005 T1
FROM:		Qty: 1	BROWN	DrwNo: 191.26.0955.21234
			Truss Label: B02	GA / YK 07/10/2026

Lumber

Wind

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	813	/-	/-	/433	/130	/186
H	813	/-	/-	/433	/130	/-

Wind reactions based on MWFRS

B Brg Wid = 5.5 Min Req = 1.5 (Truss)

H Brg Wid = 5.5 Min Req = 1.5 (Truss)

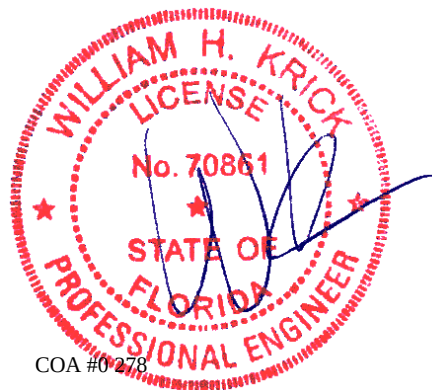
Bearings B & H are a rigid surface.

Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	546	-1086	E - F	313	-632
C - D	337	-793	F - G	336	-793
D - E	314	-632	G - H	546	-1085

Maximum Web Forces Per Ply (lbs)	
Webs	Tens.Comp.
E - K	442 - 178



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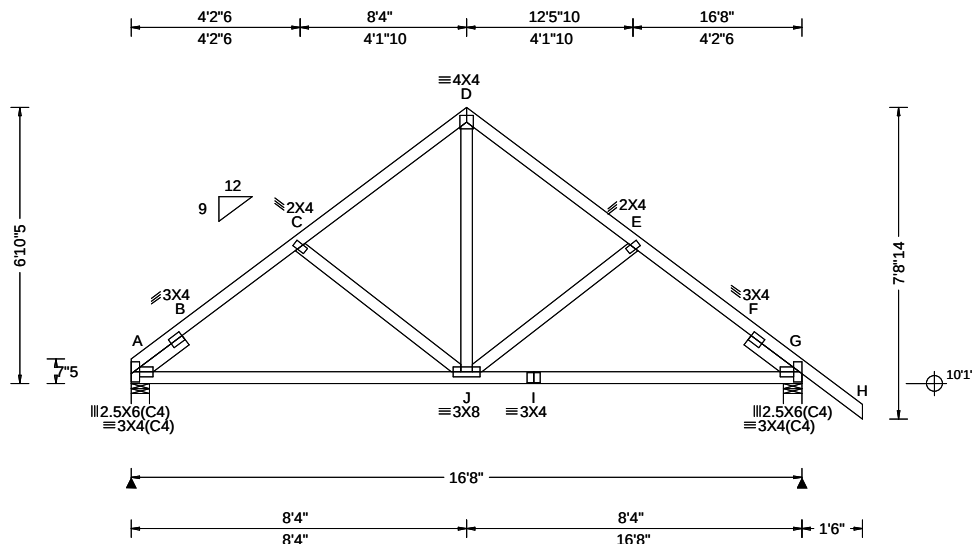
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SEQN: 93048 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: B03	Cust: R 215 JRef:1YLP2150005 T20 DrwNo: 191.26.1122.41770 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.022 J 999 240 VERT(CL): 0.029 J 999 180 HORZ(LL): 0.015 B - - HORZ(TL): 0.024 B - - Creep Factor: 2.0 Max TC CSI: 0.248 Max BC CSI: 0.583 Max Web CSI: 0.256 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL A 702 /- /- /418 /103 /203 G 820 /- /- /433 /131 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings A & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 494 -1053 D - E 329 -643 B - C 361 -812 E - F 352 -804 C - D 332 -645 F - G 557 -1098

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

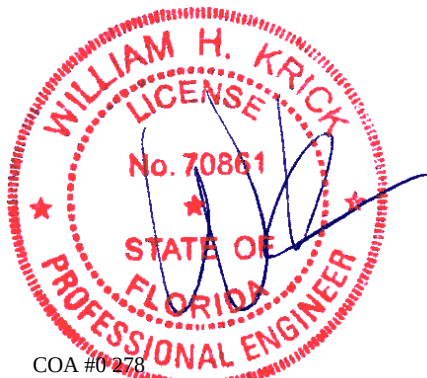
Chords	Tens.Comp.	Chords	Tens. Comp.
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A - J	615 -137	I - G	597 -117
J - I	595 -118		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
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D - J	450 -204
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COA #0278

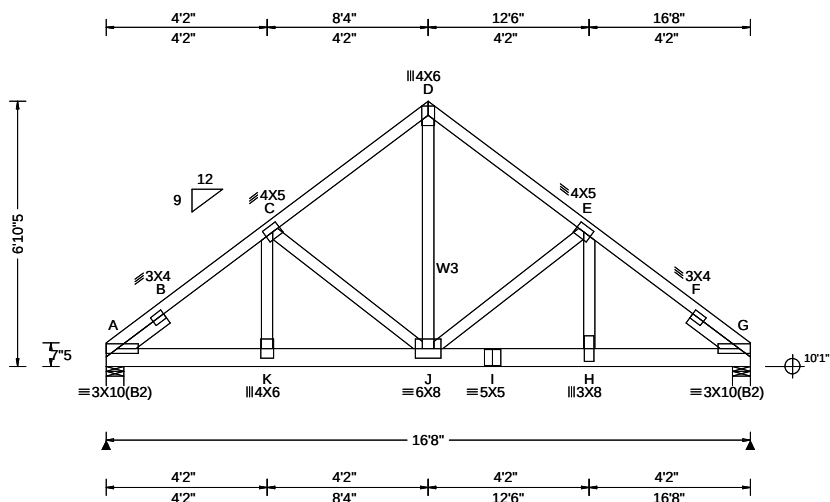
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Glenview, IL 60025

SEQN: 98405 / FROM:	COMN Ply: 2 Qty: 1	Job Number: 26-3680 BROWN Truss Label: B04	Cust: R 215 JRef:1YLP2150005 T52 / DrwNo: 191.26.0955.21044 GA / YK 07/10/2026
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.058 J 999 240 VERT(CL): 0.116 J 999 180 HORZ(LL): 0.021 C - - HORZ(TL): 0.041 C - - Creep Factor: 2.0 Max TC CSI: 0.359 Max BC CSI: 0.325 Max Web CSI: 0.586 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 5310 /- /- /- /816 /- G 5341 /- /- /- /489 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 2.2 (Truss) G Brg Wid = 5.5 Min Req = 2.2 (Truss) Bearings A & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 502 -3326 D - E 316 -2341 B - C 491 -3290 E - F 334 -3348 C - D 315 -2341 F - G 345 -3384

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W3 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

Nailnote

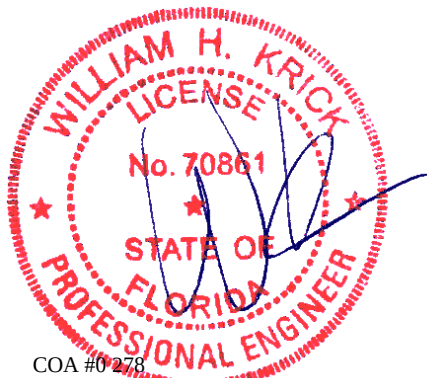
Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 65 plf at 0.00 to 65 plf at 16.67
BC: From 10 plf at 0.00 to 10 plf at 16.67
BC: 815 lb Conc. Load at 1.40, 2.73, 4.06, 5.40
BC: 819 lb Conc. Load at 6.73, 8.06, 9.40,12.06
13.40
BC: 818 lb Conc. Load at 10.73
BC: 1228 lb Conc. Load at 14.73

Wind

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



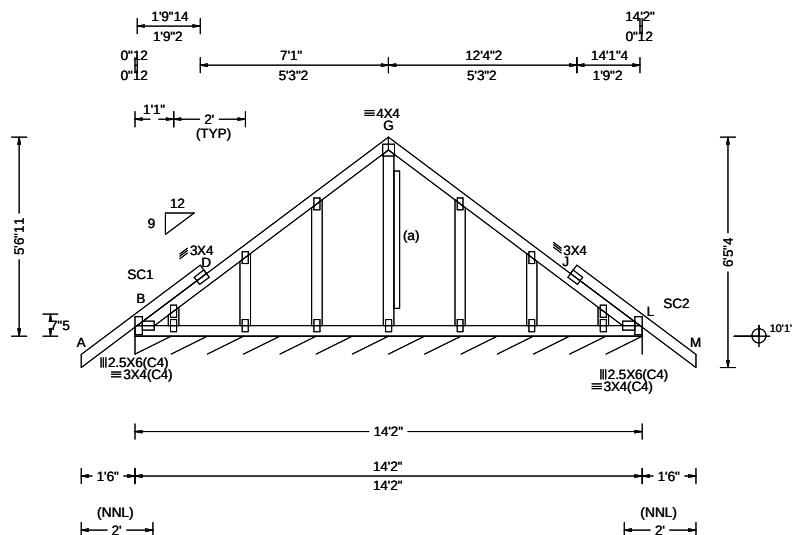
COA #0278

07/13/2026
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Glenview, IL 60025

SEQN: 96710 / FROM:	GABL Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C01	Cust: R 215 JRef: 1YLP2150005 T27 / DrwNo: 191.26.0955.20234 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 J 999 240 VERT(CL): 0.002 J 999 180 HORZ(LL): 0.000 I - - HORZ(TL): 0.003 D - - Creep Factor: 2.0 Max TC CSI: 0.218 Max BC CSI: 0.059 Max Web CSI: 0.630 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL L* 100 /- /- /49 /15 /11 Wind reactions based on MWFRS L Brg Wid = 170 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

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/537.

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.

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.



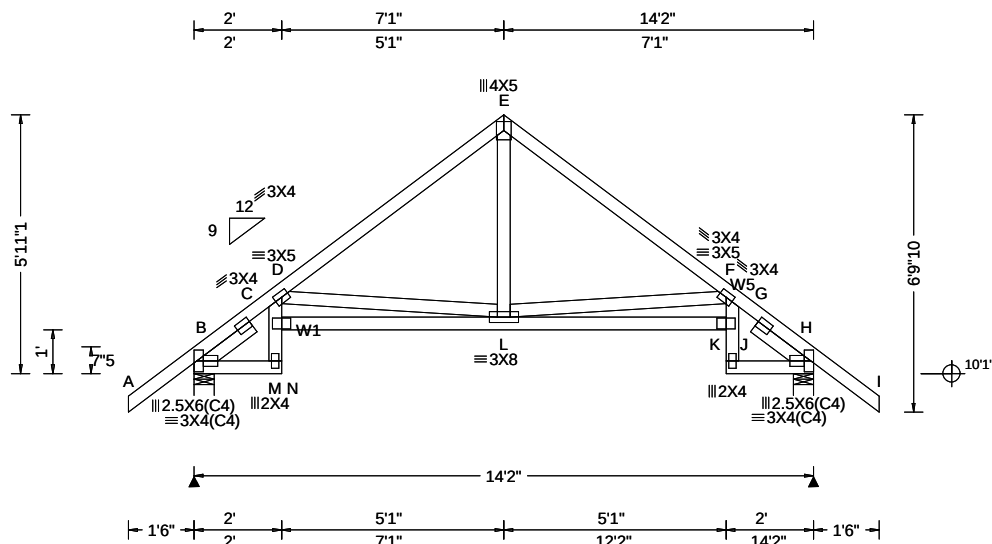
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 97864 / FROM:	COMN Ply: 1 Qty: 2	Job Number: 26-3680 BROWN Truss Label: C02	Cust: R 215 JRef:1YLP2150005 T44 / DrwNo: 191.26.0955.22320 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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): 0.051 L 999 240 VERT(CL): 0.105 L 999 180 HORZ(LL): 0.085 J - - HORZ(TL): 0.176 J - - Creep Factor: 2.0 Max TC CSI: 0.469 Max BC CSI: 0.493 Max Web CSI: 0.438 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL B 707 /- /- /370 /113 /158 H 707 /- /- /370 /113 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 226 -685 E - F 157 -664 C - D 183 -630 F - G 180 -630 D - E 157 -664 G - H 216 -709

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W1,W5 2x4 SP 2400f-2.0E;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

Wind

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

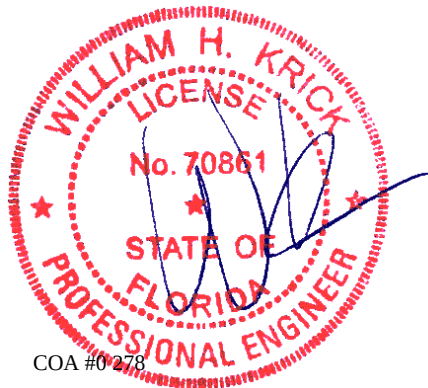
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - N	448 -77	L - J	1027 -137
M - L	1027 -172	K - H	448 -62

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - L	201 -642	L - F	216 -564
E - L	375 0		



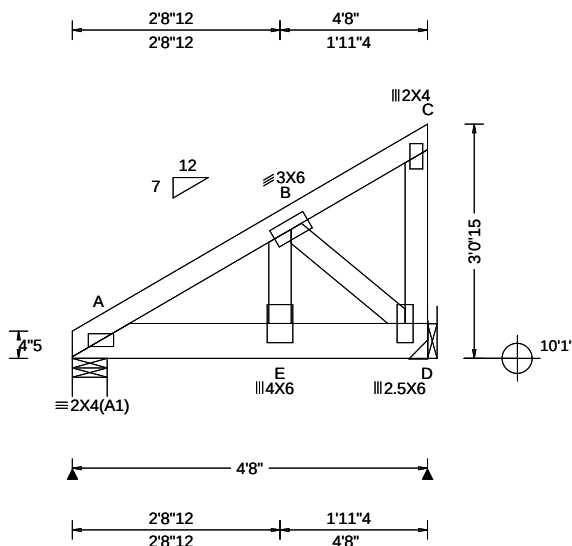
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 97967 / FROM:	MONO Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C03	Cust: R 215 JRef:1YLP2150005 T6 / DrwNo: 191.26.0955.21944 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.007 E 999 240 VERT(CL): 0.014 E 999 180 HORZ(LL): 0.003 A - - HORZ(TL): 0.006 A - - Creep Factor: 2.0 Max TC CSI: 0.146 Max BC CSI: 0.531 Max Web CSI: 0.424 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 890 /- /- /- /138 /- D 721 /- /- /- /112 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = - Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. A - B 161 - 1015

Lumber

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

Special Loads

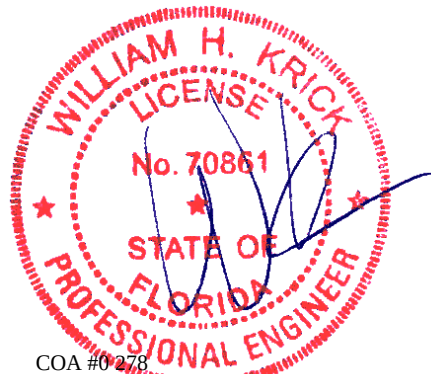
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 4.67
BC: From 10 plf at 0.00 to 10 plf at 4.67
BC: 708 lb Conc. Load at 1.56, 2.73

Hangers / Ties

Hanger Support Required, by others

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.

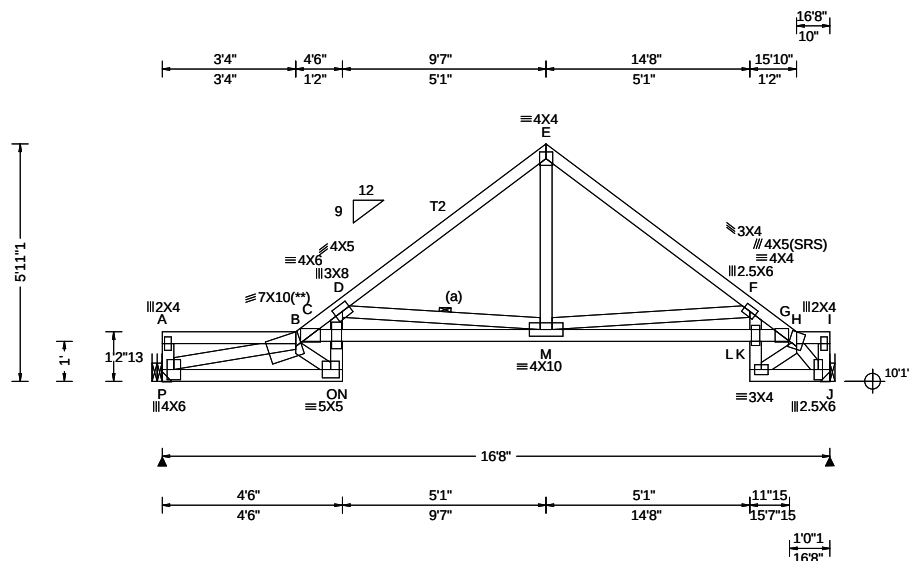


COA #0278

07/13/2026
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 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: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.33	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): 0.240 N 833 240 VERT(CL): 0.504 N 396 180 HORZ(LL): 0.131 J - - HORZ(TL): 0.278 J - - Creep Factor: 2.0 Max TC CSI: 0.633 Max BC CSI: 0.914 Max Web CSI: 0.827 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL P 708 - / - / - /382 /113 /136 J 708 - / - / - /393 /108 - Wind reactions based on MWFRS P Brg Wid = - Min Req = - J 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. B - C 315 -1067 E - F 251 -953 C - D 1011 -3318 F - G 450 -1812 D - E 255 -941 G - H 160 -624

Lumber

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

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

Purlins

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

Wind

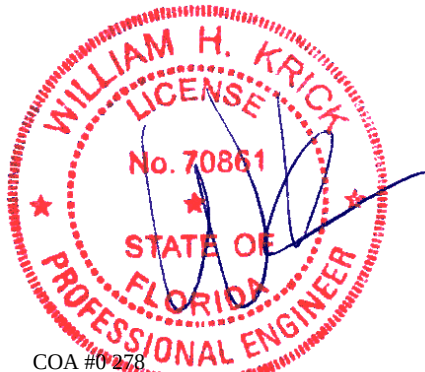
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Deflection

Max JT VERT DEFL: LL: 0.24" DL: 0.28". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.



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SEQN: 97952 / FROM: Page 2 of 2	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C04	Cust: R 215 JRef:1YLP2150005 T84 / DrwNo: 191.26.0955.22479 GA / YK 07/10/2026
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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.

Hanger Support Required, by others

Bearing J (16"5", 10"1") LUS24

Supporting Member: (1)2x6 SP #2

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

(2) 0.148"x3" nails into supported member.



COA #0278

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

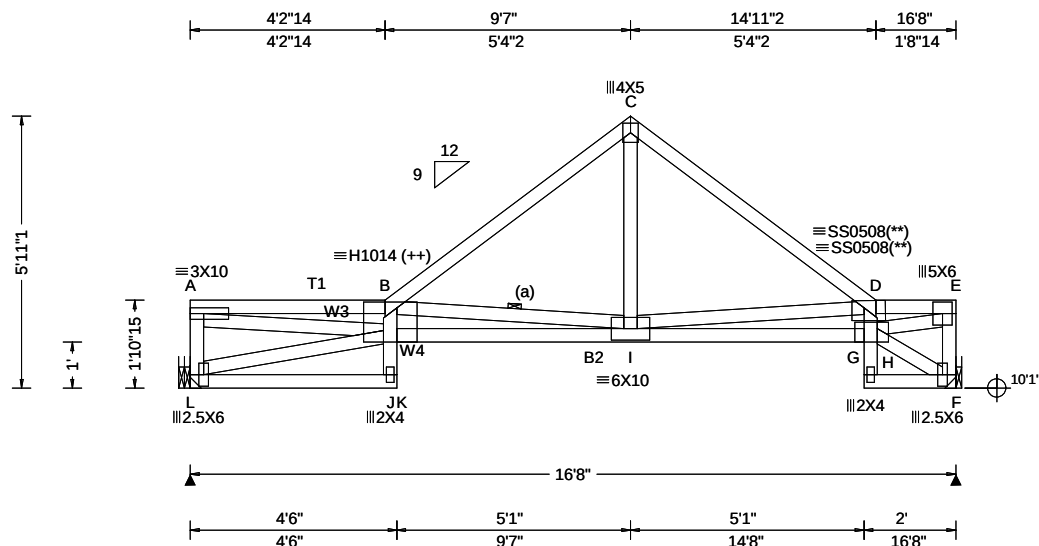
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS, 18SS	PP Deflection in loc L/defl L/# VERT(LL): 0.304 J 656 240 VERT(CL): 0.647 J 309 180 HORZ(LL): 0.164 F - - HORZ(TL): 0.348 F - - Creep Factor: 2.0 Max TC CSI: 0.657 Max BC CSI: 0.426 Max Web CSI: 0.848 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL L 708 - / - / /371 /115 /116 F 708 - / - / /381 /110 - Wind reactions based on MWFRS L 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 1467 - 3603 C - D 280 - 951 B - C 283 - 942 D - E 741 - 2072

Lumber

Top chord: 2x4 SP #2; T1 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2; B2 2x4 SP 2400f-2.0E;
Webs: 2x4 SP #3; W3 2x4 SP 2400f-2.0E;
W4 2x4 SP #2;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

(++) - This plate works for both joints covered.

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

Purlins

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

Wind

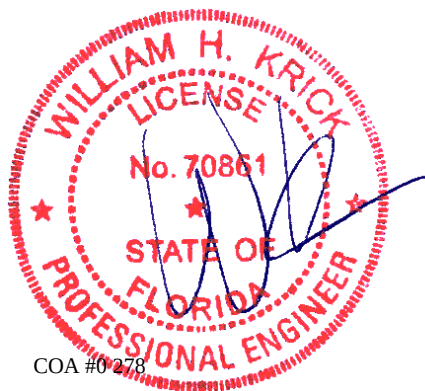
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Deflection

Max JT VERT DEFL: LL: 0.30" DL: 0.34". See detail DEFLCMB1014 for camber recommendations.
Provide for adequate drainage of roof.



COA #0278

07/13/2026
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SEQN: 98025 / FROM: Page 2 of 2	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C05	Cust: R 215 JRef:1YLP2150005 T73 / DrwNo: 191.26.0955.21364 GA / YK 07/10/2026
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Hangers / Ties

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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.

Hanger Support Required, by others

Bearing F (16'5", 10'1") LUS24

Supporting Member: (1)2x6 SP #2

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

(2) 0.148"x3" nails into supported member.



COA #0278

07/13/2026
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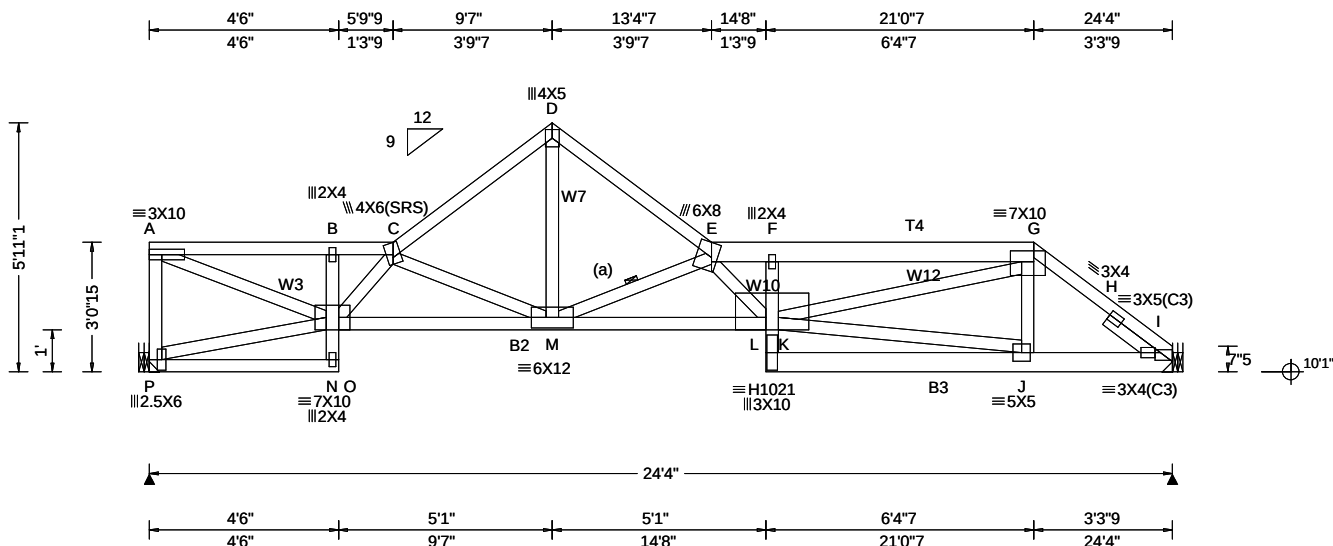
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98045 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C06	Cust: R 215 JRef: 1YLP2150005 T62 DrwNo: 191.26.0955.20614 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.295 E 979 240 VERT(CL): 0.613 E 471 180 HORZ(LL): 0.110 J - - HORZ(TL): 0.228 J - - Creep Factor: 2.0 Max TC CSI: 0.601 Max BC CSI: 0.558 Max Web CSI: 0.891 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL P 1294 - / - / - / 200 - / - I 1703 - / - / - / 257 - / - Wind reactions based on MWFRS P Brg Wid = - Min Req = - I 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 464 -2921 E - F 1008 -6244 B - C 471 -2970 F - G 979 -6055 C - D 380 -2402 G - H 377 -2570 D - E 382 -2410 H - I 395 -2625

Lumber	Wind	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; T4 2x6 SP 2400f-2.0E; Bot chord: 2x4 SP #2; B2 2x4 SP 2400f-2.0E; B3 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W3,W7,W10, W12 2x4 SP 2400f-2.0E; Rt Slider: 2x4 SP #3; block length = 1.500'	Wind loads and reactions based on MWFRS. Left end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.	Chords Tens.Comp. Chords Tens. Comp. N - M 3613 -579 J - I 1993 -295 M - K 5909 -945

Reinforcement	Deflection	Maximum Web Forces Per Ply (lbs)
(a) Continuous lateral restraint equally spaced on member.	Max JT VERT DEFL: LL: 0.28" DL: 0.30". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.	Webs Tens.Comp. Webs Tens. Comp. A - P 219 -1230 E - K 500 -95 A - N 3110 -495 F - K 151 -383 N - C 162 -965 K - L 510 -48 C - M 321 -1905 K - J 1694 -235 D - M 2503 -330 K - G 4159 -714 M - E 721 -4421

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 65 plf at 0.00 to 65 plf at 16.73
TC: From 33 plf at 16.73 to 33 plf at 21.04
TC: From 65 plf at 21.04 to 65 plf at 24.33
BC: From 20 plf at 0.00 to 20 plf at 14.67
BC: From 10 plf at 14.67 to 10 plf at 18.95
BC: From 20 plf at 18.95 to 20 plf at 24.33
TC: 123 lb Conc. Load at 17.73
TC: 109 lb Conc. Load at 18.95
BC: 721 lb Conc. Load at 16.73
BC: 81 lb Conc. Load at 17.73
BC: 77 lb Conc. Load at 18.95

Hangers / Ties
Hanger Support Required, by others

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



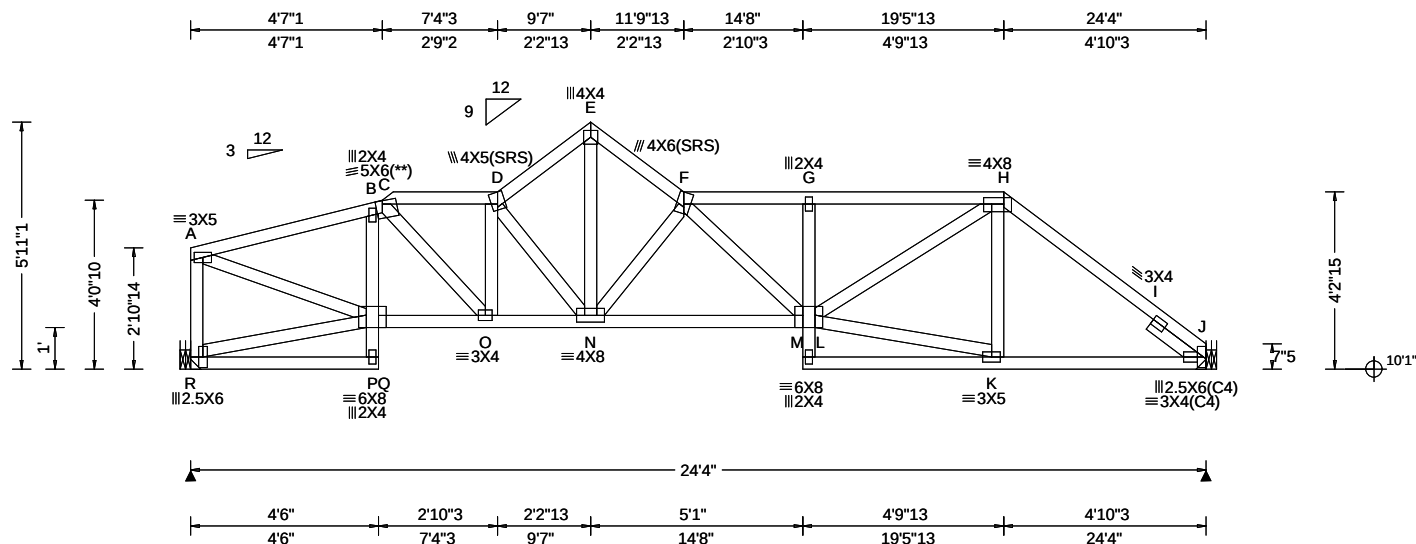
COA #0278

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

SEQN: 97868 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C07	Cust: R 215 JRef: 1YLP2150005 T100 DrwNo: 191.26.0955.20214 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCCL: 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: 15.00 ft TCCL: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.106 F 999 240 VERT(CL): 0.219 F 999 180 HORZ(LL): 0.049 J - - HORZ(TL): 0.101 J - - Creep Factor: 2.0 Max TC CSI: 0.329 Max BC CSI: 0.559 Max Web CSI: 0.642 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL R 990 - / - / - /510 /175 /126 J 1013 - / - / - /584 /162 - / - Wind reactions based on MWFRS R Brg Wid = - Min Req = - J 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 654 -1462 F - G 1076 -2061 B - C 720 -1482 G - H 1069 -2044 C - D 804 -1694 H - I 630 -1317 D - E 770 -1611 I - J 639 -1415 E - F 766 -1613 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. P - O 1399 -524 N - L 2076 -895 O - N 1728 -681 K - J 998 -419 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. A - R 446 -940 E - N 1685 -823 A - P 1453 -636 N - F 742 -1321 C - O 515 -228 L - K 970 -396 O - D 219 -428 L - H 1233 -612 D - N 388 -748

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Slider: 2x4 SP #3; block length = 1.50'

Plating Notes

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

Hangers / Ties

Hanger Support Required, by others

Purlins

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

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



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

The drawing illustrates a roof truss system with the following components and dimensions:

- Vertical Dimensions (Left):**
 - 5'11"1
 - 5'4"15
 - 4'0"10
 - 2'10"14
 - 1'
- Horizontal Dimensions (Top):**
 - 4'7"1
 - 6'4"14
 - 8'10"14
 - 10'3"2
 - 9'7"8
 - 14'8"
 - 17'11"2
 - 24'4"
- Horizontal Dimensions (Bottom):**
 - 4'6"
 - 1'10"14
 - 3'2"2
 - 5'1"
 - 3'3"2
 - 6'4"14
 - 24'4"
- Members and Joints:**
 - Members:** 3X5, 10X10(I)(++), 4X6, 4X5(SRS), 2X4, 5X6, 3X4, 2.5X6(C4), 3X4(C4), 6X6, 2X4, 3X4, 6X8, 2X4, 3X4, 3X4, 2.5X6(C4), 3X4(C4).
 - Joints:** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, W, X, Y, Z.
- Other Dimensions:**
 - 10'1" (at the right end)

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W4 2x4 SP #2;
Rt Slider: 2x4 SP #3; block length = 1.982'

Plating Notes

(++) - This plate works for both joints covered.
(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Hangers / Ties

Hanger Support Required, by others

Purlins

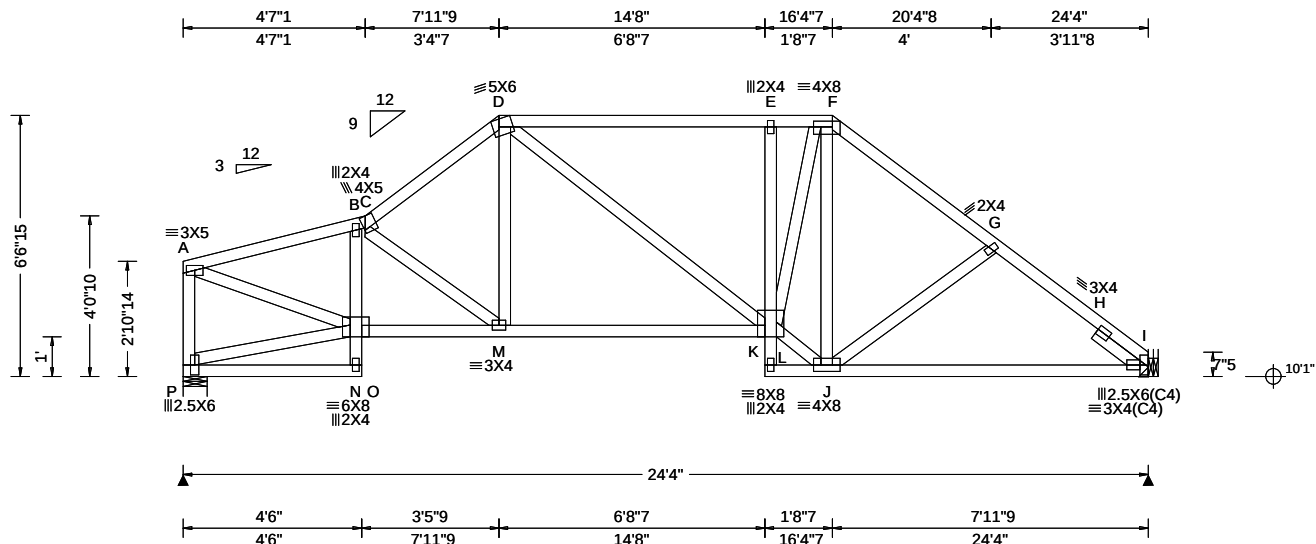
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ALPINE
AN ITW COMPANY

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

SEQN: 97872 / FROM:	SPEC	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C09	Cust: R 215 JRef:1YLP2150005 T78 / DrwNo: 191.26.0955.19860 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.051 E 999 240 VERT(CL): 0.106 E 999 180 HORZ(LL): 0.036 I - - HORZ(TL): 0.074 I - - Creep Factor: 2.0 Max TC CSI: 0.488 Max BC CSI: 0.594 Max Web CSI: 0.566 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL P 992 - / - / - /521 /93 /147 I 1019 - / - / - /607 /71 - Wind reactions based on MWFRS P Brg Wid = 7.3 Min Req = 1.5 (Truss) I Brg Wid = - Min Req = - Bearing P 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 639 -1489 E - F 660 -1157 B - C 690 -1506 F - G 560 -1168 C - D 651 -1357 G - H 567 -1328 D - E 663 -1164 H - I 585 -1517

Lumber

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

Hangers / Ties

Hanger Support Required, by others

Purlins

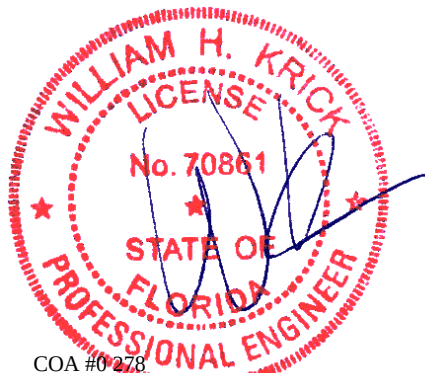
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



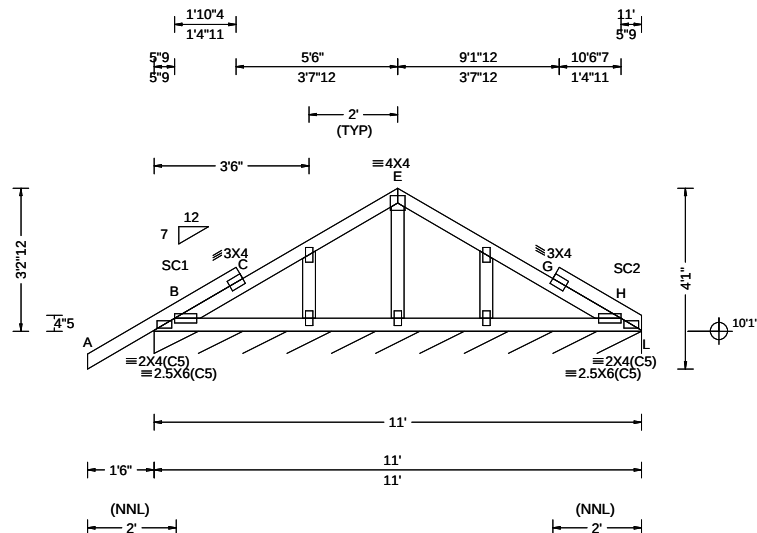
COA #0278

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

SEQN: 96656 / FROM:	GABL Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C10	Cust: R 215 JRef:1YLP2150005 T19 / DrwNo: 191.26.0955.23476 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	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): 0.005 G 999 240 VERT(CL): 0.010 G 999 180 HORZ(LL): -0.002 G - - HORZ(TL): 0.004 G - - Creep Factor: 2.0 Max TC CSI: 0.255 Max BC CSI: 0.064 Max Web CSI: 0.227 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL L* 92 /- /- /46 /15 /9 Wind reactions based on MWFRS L Brg Wid = 132 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Wind

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

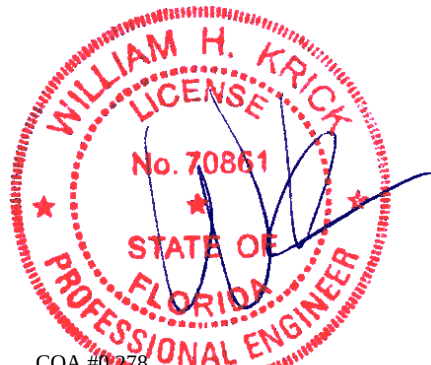
Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/999.

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 noticable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.



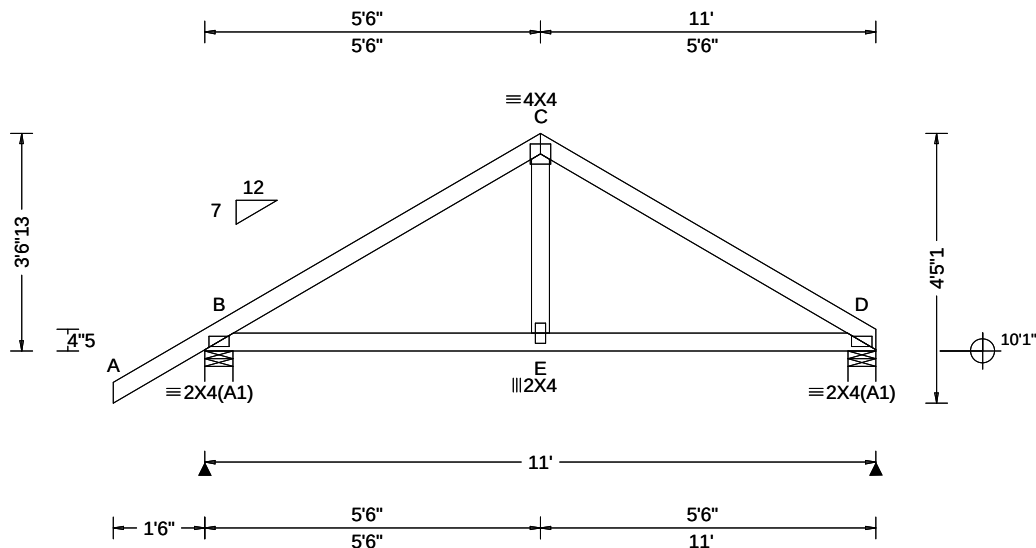
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 96658 / FROM:	COMN Ply: 1 Qty: 5	Job Number: 26-3680 BROWN Truss Label: C11	Cust: R 215 JRef:1YLP2150005 T94 / DrwNo: 191.26.0955.22004 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.006 E 999 240 VERT(CL): 0.012 E 999 180 HORZ(LL): 0.003 D - - HORZ(TL): 0.007 D - - Creep Factor: 2.0 Max TC CSI: 0.343 Max BC CSI: 0.295 Max Web CSI: 0.092 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 568 - / - /271 /102 /99 D 449 - / - /263 /71 - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & D 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 298 -561 C - D 289 -556

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.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - E	418 -124	E - D	418 -124



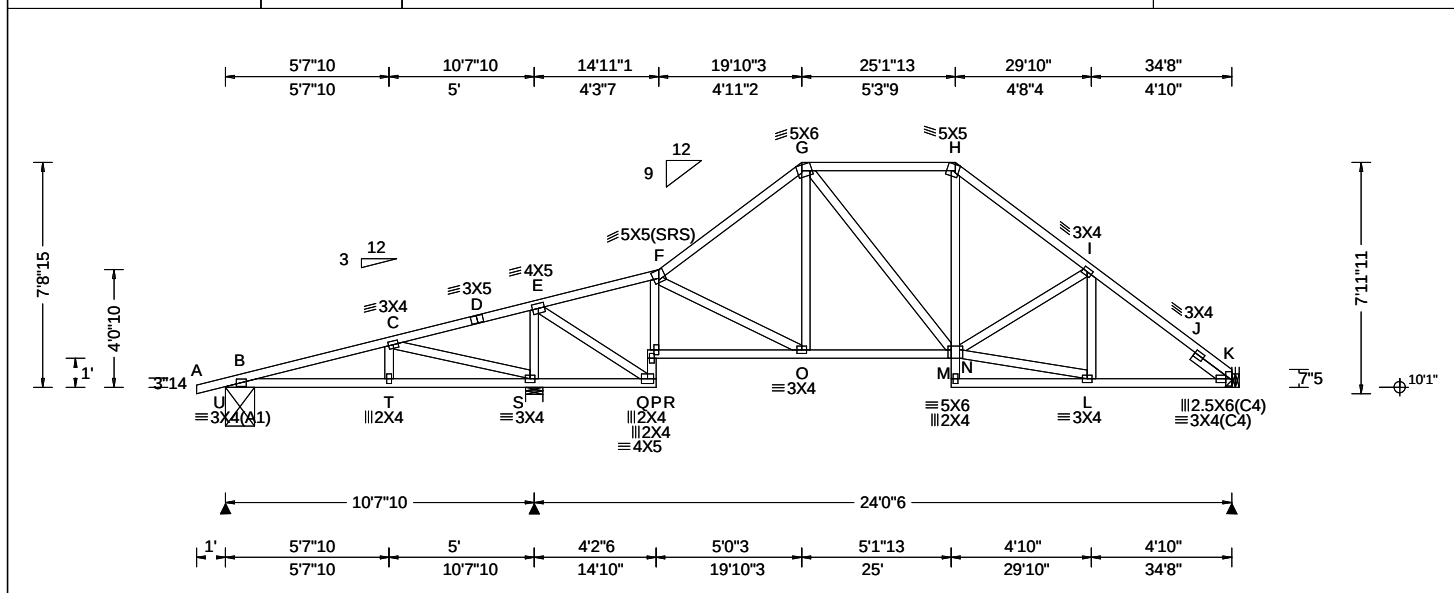
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98208 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C13	Cust: R 215 JRef: 1YLP2150005 T5 / DrwNo: 191.26.0955.21749 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.47 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.048 F 999 240 VERT(CL): 0.112 F 999 180 HORZ(LL): 0.035 K - - HORZ(TL): 0.081 K - - Creep Factor: 2.0 Max TC CSI: 0.609 Max BC CSI: 0.378 Max Web CSI: 0.632 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL U 308 /-120 /- /64 /118 /211 S 1926 /- /- /1124 /83 /- K 864 /- /- /566 /21 /- Non-Gravity Wind reactions based on MWFRS U Brg Wid = 12.0 Min Req = 1.5 (Truss) S Brg Wid = 7.3 Min Req = 2.3 (Truss) K Brg Wid = - Min Req = - Bearings U & S 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.

Lumber	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Rt Slider: 2x4 SP #3; block length = 1.500'	Chords Tens.Comp. Chords Tens. Comp. B - C 955 -210 G - H 360 -695 C - D 1415 -369 H - I 381 -960 D - E 1444 -362 I - J 334 -1094 F - G 333 -795 J - K 419 -1207

Hangers / Ties	Maximum Web Forces Per Ply (lbs)
Hanger Support Required, by others	Chords Tens.Comp. Chords Tens. Comp. B - T 213 -909 O - M 566 -71 T - S 210 -919 L - K 826 -184 S - P 351 -1230
Purlins	
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	

Wind	Maximum Web Forces Per Ply (lbs)
Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types.	Chords Tens.Comp. Chords Tens. Comp. C - S 237 -910 Q - F 304 -864 S - E 542 -1573 F - O 442 -17 E - P 1660 -473 M - L 833 -182 R - P 282 -893



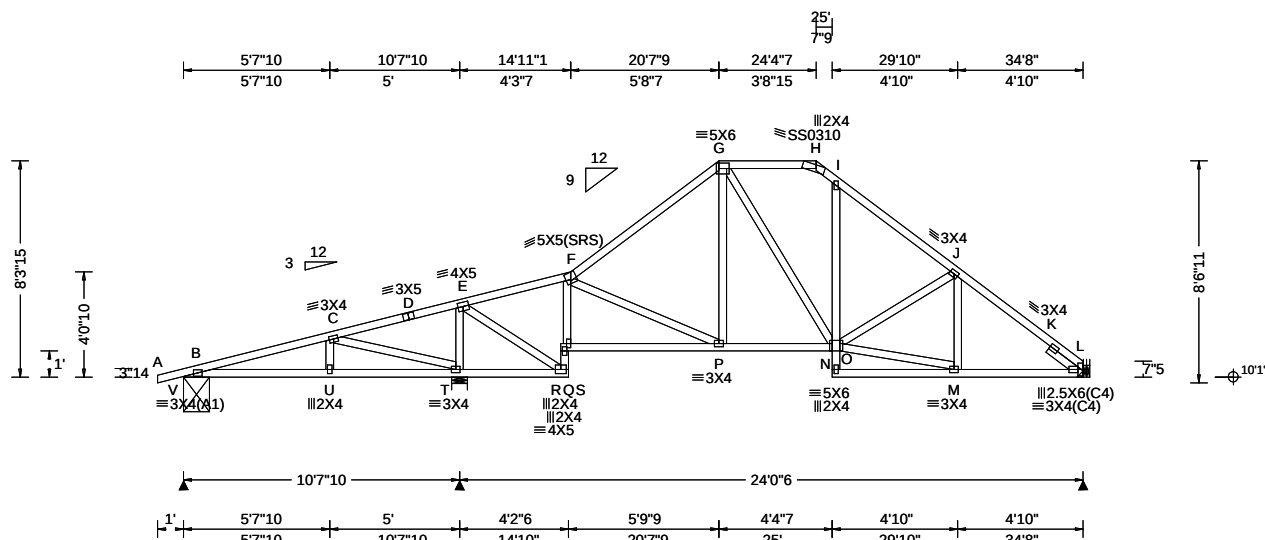
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SEQN: 93052 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C14	Cust: R 215 JRef:1YLP2150005 T83 DrwNo: 191.26.1122.44717 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.47 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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, 18SS	PP Deflection in loc L/defl L/# VERT(LL): 0.063 N 999 240 VERT(CL): 0.136 N 999 180 HORZ(LL): 0.033 L - - HORZ(TL): 0.077 L - - Creep Factor: 2.0 Max TC CSI: 0.622 Max BC CSI: 0.450 Max Web CSI: 0.647 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL V 304 /-127 /- /63 /122 /228 T 1940 /- /- /1142 /62 /- L 864 /- /- /568 /15 /- Non-Gravity Wind reactions based on MWFRS V Brg Wid = 12.0 Min Req = 1.5 (Truss) T Brg Wid = 7.3 Min Req = 2.3 (Truss) L Brg Wid = - Min Req = - Bearings V & T 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.

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

Hangers / Ties
Hanger Support Required, by others

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

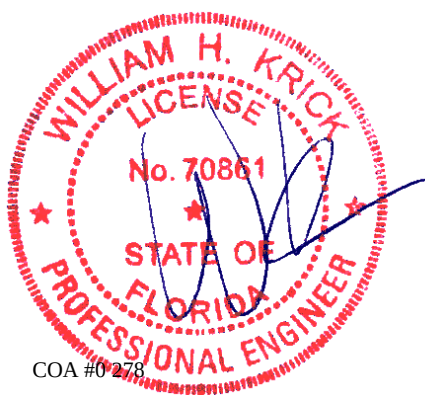
Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	190 - 935	P - N	551 - 27
U - T	187 - 944	M - L	837 - 162
T - Q	329 - 1262		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - T	240 - 917	R - F	290 - 875
T - E	506 - 1584	F - P	411 - 0
E - Q	1697 - 441	N - M	839 - 161
S - Q	264 - 915		



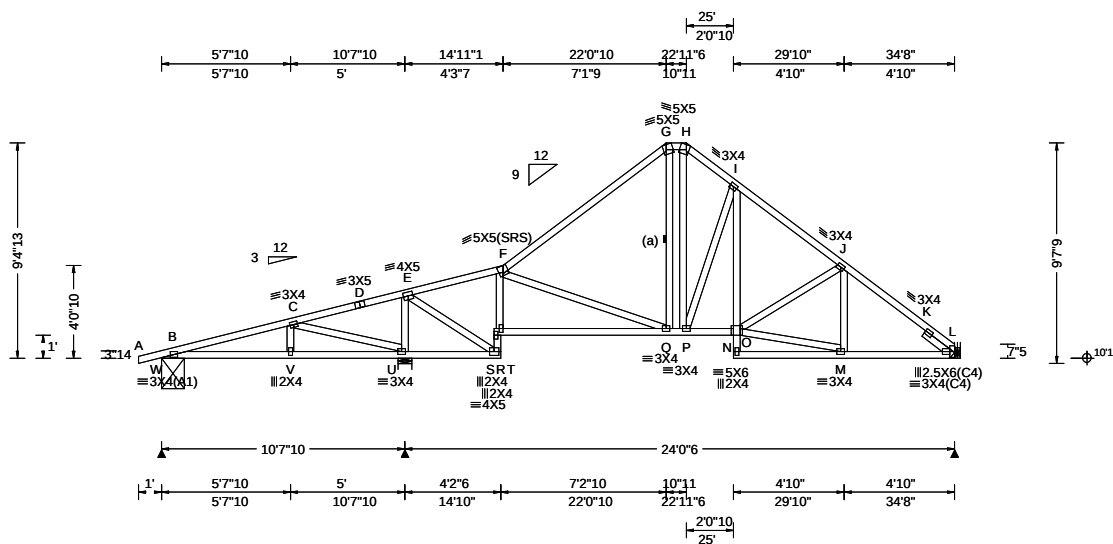
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93054 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C15	Cust: R 215 JRef: 1YLP2150005 T13 DrwNo: 191.26.1122.54657 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.47 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.053 G 999 240 VERT(CL): 0.122 F 999 180 HORZ(LL): 0.036 L - - HORZ(TL): 0.083 L - - Creep Factor: 2.0 Max TC CSI: 0.667 Max BC CSI: 0.549 Max Web CSI: 0.666 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL W 299 /-135 /- /69 /131 /260 U 1958 /- /- /1169 /24 /- L 867 /- /- /571 /5 /- Non-Gravity W Brg Wid = 12.0 Min Req = 1.5 (Truss) U Brg Wid = 7.3 Min Req = 2.3 (Truss) L Brg Wid = - Min Req = - Bearings W & U are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Slider: 2x4 SP #3; block length = 1.50'

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

Hangers / Ties
Hanger Support Required, by others

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

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

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



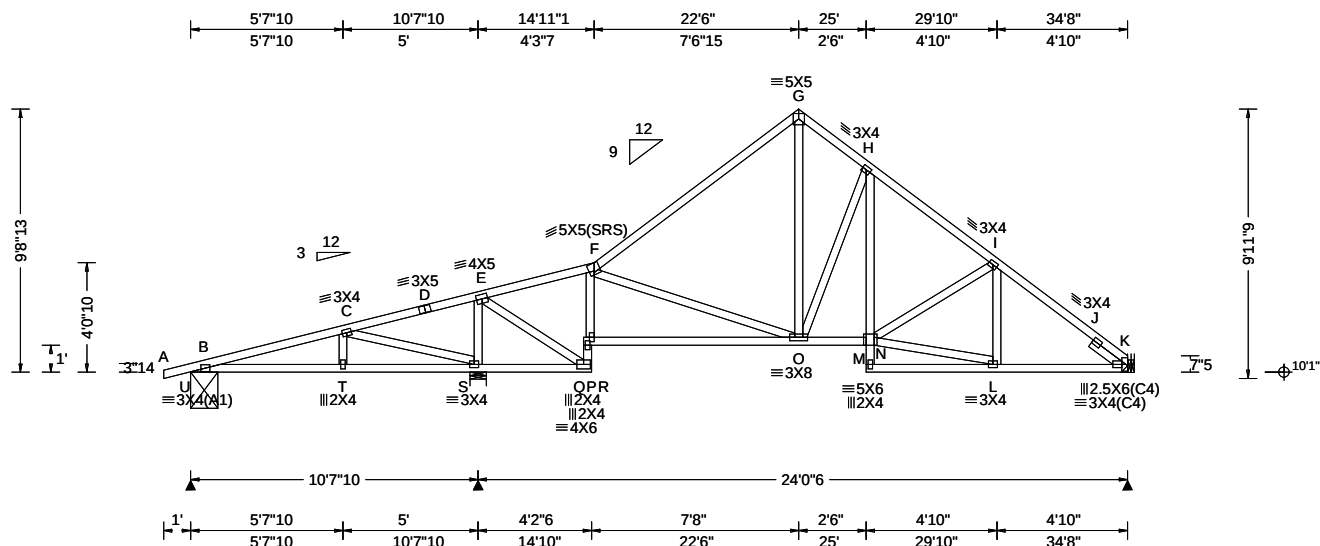
COA #0278

07/13/2026
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98453 / FROM:	SPEC	Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: C16	Cust: R 215 JRef: 1YLP2150005 T11 DrwNo: 191.26.0955.22954 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.47 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.053 F 999 240 VERT(CL): 0.123 F 999 180 HORZ(LL): 0.037 K - - HORZ(TL): 0.086 K - - Creep Factor: 2.0 Max TC CSI: 0.750 Max BC CSI: 0.644 Max Web CSI: 0.672 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL U 298 /-138 /- /70 /133 /270 S 1963 /- /- /1174 /16 /- K 868 /- /- /570 /3 /- Non-Gravity Wind reactions based on MWFRS U Brg Wid = 12.0 Min Req = 1.5 (Truss) S Brg Wid = 7.3 Min Req = 2.3 (Truss) K Brg Wid = - Min Req = - Bearings U & S 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.

Lumber	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Rt Slider: 2x4 SP #3; block length = 1.500'	Chords Tens.Comp. Chords Tens. Comp. B - C 1019 -176 G - H 258 -680 C - D 1496 -266 H - I 255 -963 D - E 1525 -258 I - J 234 -1102 F - G 224 -820 J - K 349 -1207

Hangers / Ties	Maximum Web Forces Per Ply (lbs)
Hanger Support Required, by others	Chords Tens.Comp. Chords Tens. Comp. B - T 125 -971 O - M 686 0 T - S 121 -980 L - K 835 -101 S - P 264 -1308

Wind	Maximum Web Forces Per Ply (lbs)
Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types.	Chords Tens.Comp. Chords Tens. Comp. C - S 245 -930 Q - F 248 -893 S - E 414 -1605 O - H 149 -395 E - P 1765 -354 G - O 469 -107 R - P 215 -952 M - L 833 -102



COA #0278

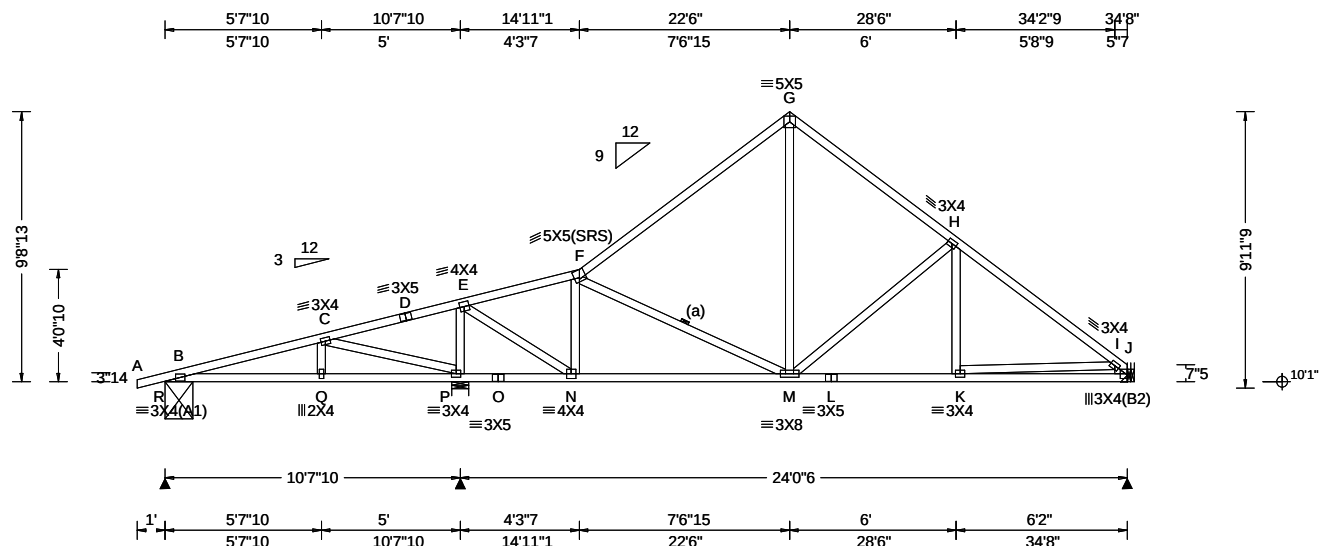
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98206 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C17	Cust: R 215 JRef: 1YLP2150005 T79 DrwNo: 191.26.0955.22525 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.47 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.030 M 999 240 VERT(CL): 0.064 M 999 180 HORZ(LL): 0.011 J - - HORZ(TL): 0.023 J - - Creep Factor: 2.0 Max TC CSI: 0.639 Max BC CSI: 0.510 Max Web CSI: 0.534 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL R 351 - / - / /136 /84 /270 P 1691 - / - / /950 /44 - J 967 - / - / /590 - / - Wind reactions based on MWFRS R Brg Wid = 12.0 Min Req = 1.5 (Truss) P Brg Wid = 7.3 Min Req = 2.0 (Truss) J Brg Wid = - Min Req = - Bearings R & P 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.

Lumber

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

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

Hanger Support Required, by others

Wind

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

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
P - O	168 -573	M - L	921 -86
O - N	168 -573	L - K	921 -86
N - M	738 -89	K - J	853 -257

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - P	233 -886	N - F	230 -679
P - E	362 -1358	G - M	497 -112
E - N	1402 -281	M - H	182 -398



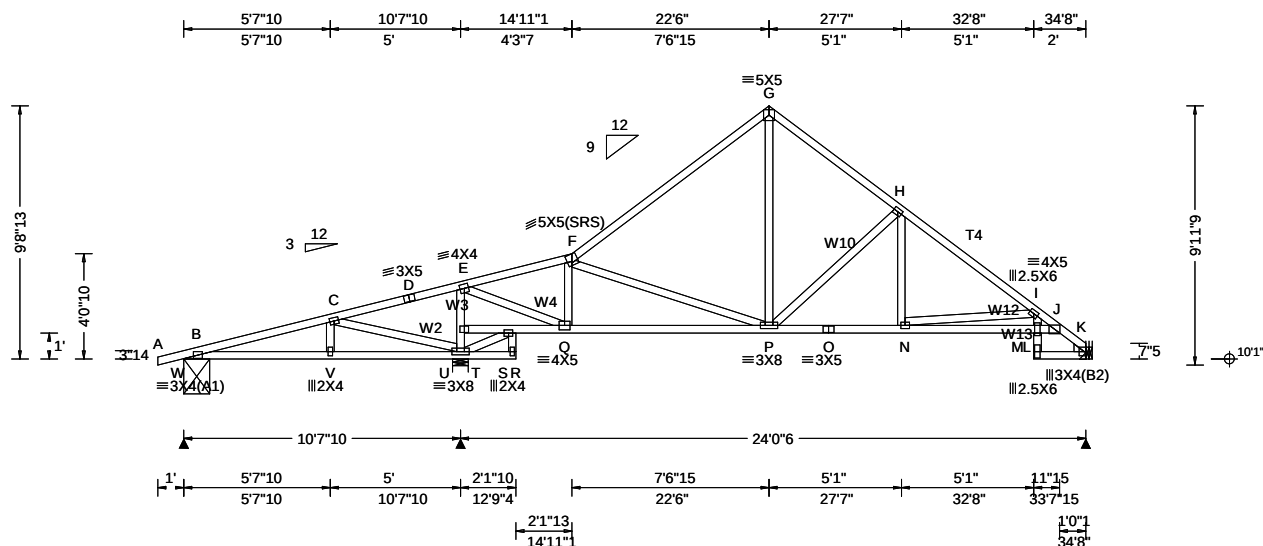
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98204 / FROM:	SPEC	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C18	Cust: R 215 JRef: 1YLP2150005 T67 DrwNo: 191.26.0955.23214 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.47 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.114 M 999 240 VERT(CL): 0.238 M 999 180 HORZ(LL): 0.095 K - - HORZ(TL): 0.200 K - - Creep Factor: 2.0 Max TC CSI: 0.705 Max BC CSI: 0.697 Max Web CSI: 0.569 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL W 392 /- /- /150 /97 /270 U 1671 /- /- /951 /27 /- K 956 /- /- /595 /- /- Non-Gravity W Brg Wid = 12.0 Min Req = 1.5 (Truss) U Brg Wid = 7.3 Min Req = 2.0 (Truss) K Brg Wid = - Min Req = - Wind reactions based on MWFRS Members not listed have forces less than 375# Bearings W & U are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord: 2x4 SP #2; T4 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W2,W3,W4,W10,W12,W13 2x4 SP #2;
Rt Wedge: 2x4 SP #3;

Plating Notes
All plates are 3X4 except as noted.

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=34'5" uses the following support conditions: 34'5"

Bearing K (34'5", 10'1") LUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

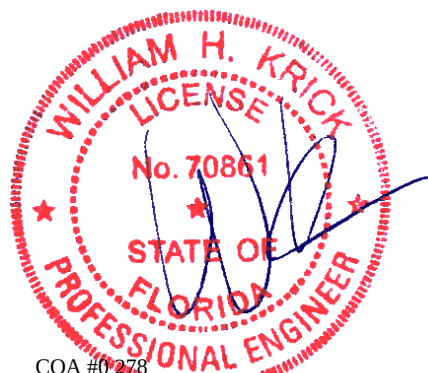
Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.
Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

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

B - V	464	-128	P - O	1037	-76
V - U	454	-132	O - N	1037	-76
S - Q	175	-660	N - L	2222	-417
Q - P	907	-117	L - J	2163	-403

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.

C - U	238	-914	Q - F	226	-640
U - S	153	-523	G - P	593	-112
T - U	295	-1109	P - H	176	-494
T - E	322	-1216	N - I	355	-1184
E - Q	1551	-293			



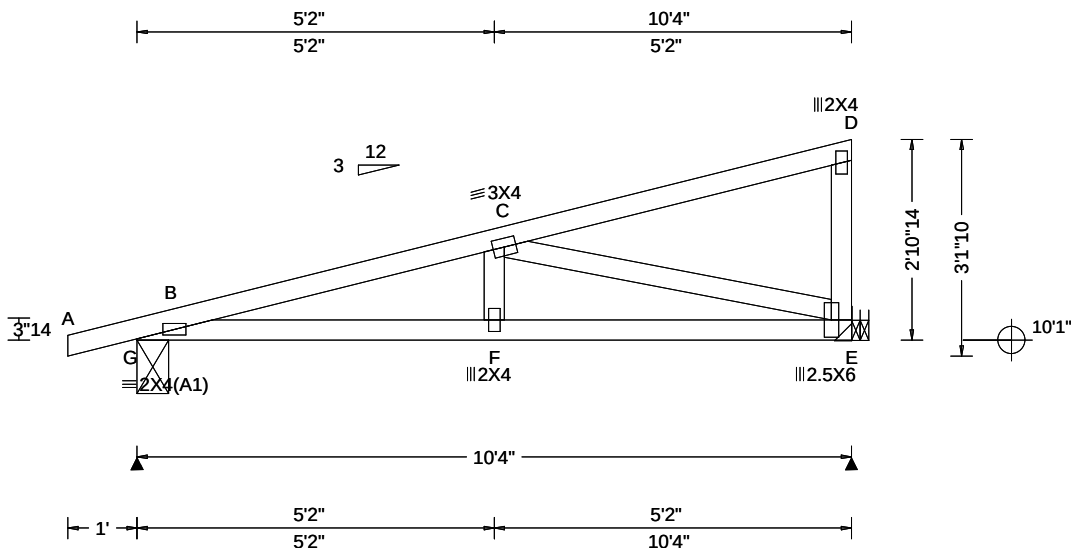
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 76977 / FROM:	SPEC Ply: 1 Qty: 2	Job Number: 26-3680 BROWN Truss Label: C19	Cust: R 215 JRef:1YLP2150005 T95 DrwNo: 191.26.0955.19914 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.029 F 999 240 VERT(CL): 0.058 F 999 180 HORZ(LL): 0.007 E - - HORZ(TL): 0.014 E - - Creep Factor: 2.0 Max TC CSI: 0.323 Max BC CSI: 0.358 Max Web CSI: 0.468 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL G 491 /- /- /234 /83 /90 E 406 /- /- /213 /59 /- Non-Gravity Wind reactions based on MWFRS G Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 421 -945

Lumber

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

Hangers / Ties

Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

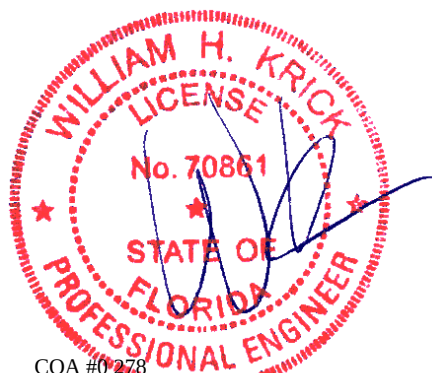
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - F	894 -535	F - E	885 -539

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
C - E	549 -904



COA #0 278

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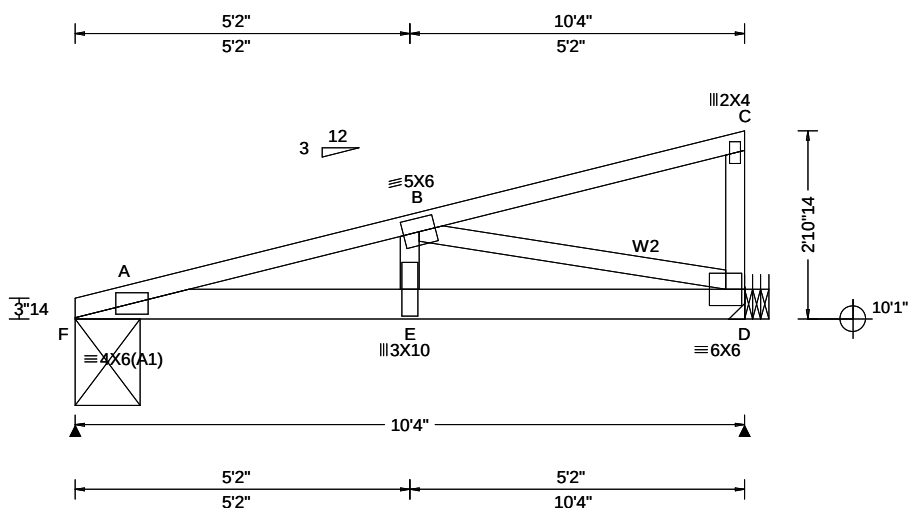
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93095 FROM:	SPEC Ply: 2 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C20	Cust: R 215 JRef:1YLP2150005 T53 DrwNo: 191.26.1123.15877 JKS / WHK 07/10/2026
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.084 E 999 240 VERT(CL): 0.166 E 737 180 HORZ(LL): 0.014 D - - HORZ(TL): 0.028 D - - Creep Factor: 2.0 Max TC CSI: 0.308 Max BC CSI: 0.542 Max Web CSI: 0.819 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity F 2586 /- /- /- /242 /- D 2682 /- /- /- /153 /- Wind reactions based on MWFRS F Brg Wid = 12.0 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. A - B 235 - 3652

Lumber

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

Nailnote

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

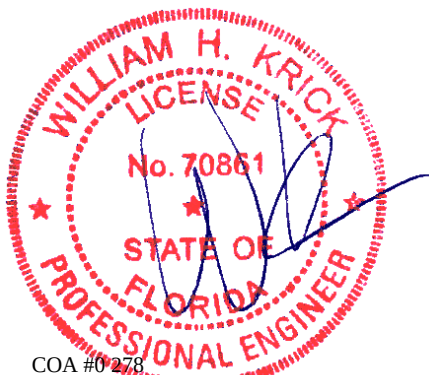
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 61 plf at 0.00 to 61 plf at 10.33
BC: From 20 plf at 0.00 to 20 plf at 2.40
BC: From 10 plf at 2.40 to 10 plf at 10.33
BC: 1145 lb Conc. Load at 2.40
BC: 1123 lb Conc. Load at 4.40, 6.40, 8.40

Hangers / Ties

Hanger Support Required, by others

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.



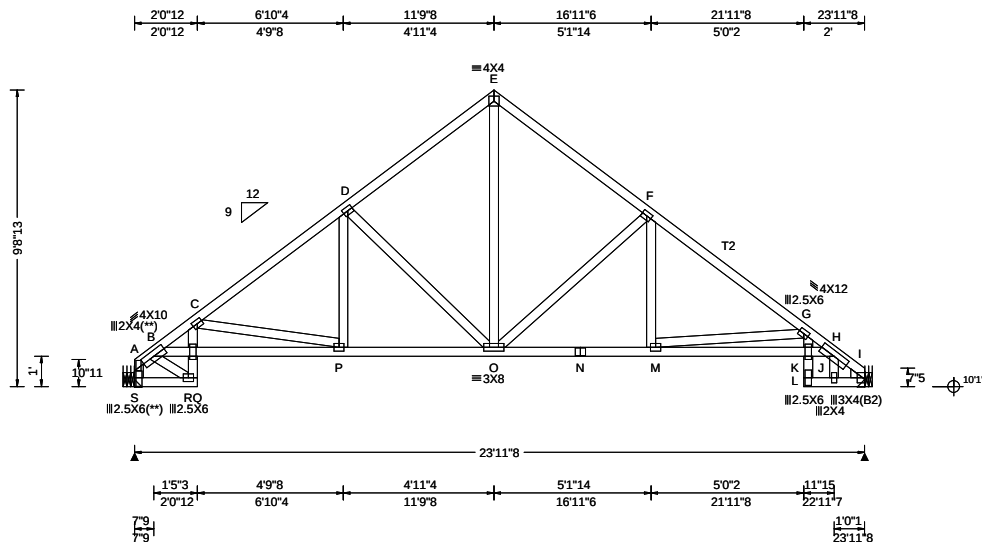
COA #0278

07/13/2026
Florida Certificate of Product Approval #FL 1999

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

SEQN: 97590 / FROM:	SPEC	Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: C21	Cust: R 215 JRef:1YLP2150005 T15 DrwNo: 191.26.0955.20419 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.26 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.103 L 999 240 VERT(CL): 0.218 L 999 180 HORZ(LL): 0.120 I - - HORZ(TL): 0.256 I - - Creep Factor: 2.0 Max TC CSI: 0.872 Max BC CSI: 0.771 Max Web CSI: 0.638 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL S 1017 -/- /- /595 /3 /265 I 1020 -/- /- /602 /3 -/ Wind reactions based on MWFRS S Brg Wid = - Min Req = - I 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 137 -700 E - F 289 -1032 B - C 374 -2081 F - G 288 -1543 C - D 281 -1467 G - H 486 -2743 D - E 290 -1025 H - I 99 -438

Lumber

Top chord: 2x4 SP 2400F-2.0E; T2 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Wedge: 2x4 SP #3;

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.

Hangers / Ties

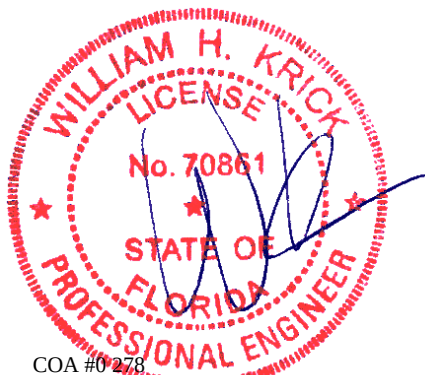
Hanger Support Required, by others

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.



COA #0278

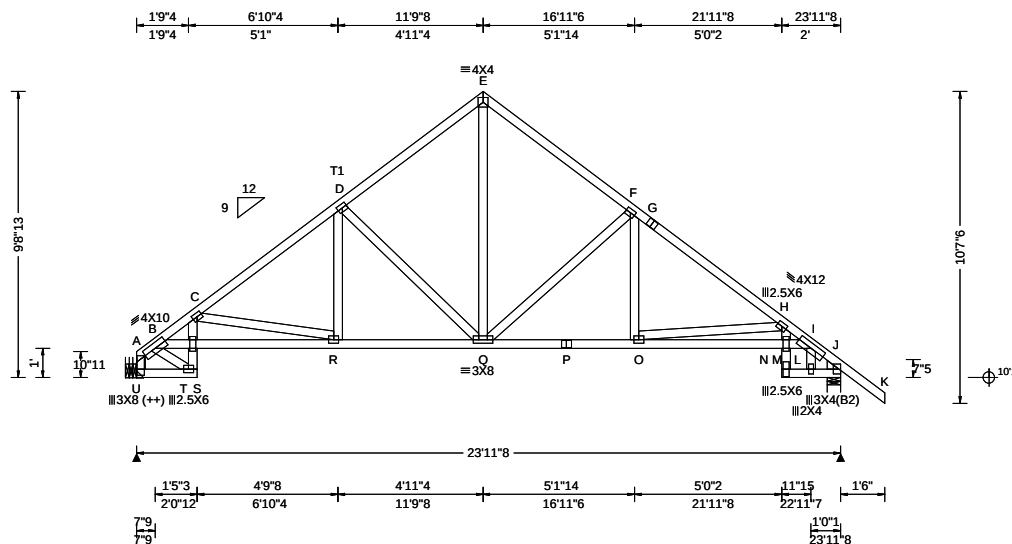
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 97996 / FROM:	SPEC	Ply: 1 Qty: 5	Job Number: 26-3680 BROWN Truss Label: C22	Cust: R 215 JRef: 1YLP2150005 T24 DrwNo: 191.26.0955.22509 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.098 N 999 240 VERT(CL): 0.204 N 999 180 HORZ(LL): 0.115 J - - HORZ(TL): 0.242 J - - Creep Factor: 2.0 Max TC CSI: 0.795 Max BC CSI: 0.738 Max Web CSI: 0.597 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL J 1013 - / - / 595 - / 287 U 1128 - / - / 616 - / - Non-Gravity Wind reactions based on MWFRS U Brg Wid = - Min Req = - J Brg Wid = 5.5 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 136 -697 F - G 267 -1351 B - C 322 -2074 G - H 262 -1526 C - D 264 -1460 H - I 377 -2645 D - E 280 -1019 I - J 161 -436 E - F 278 -1026

Lumber

Top chord: 2x4 SP #2; T1 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Wedge: 2x4 SP #3;

Plating Notes

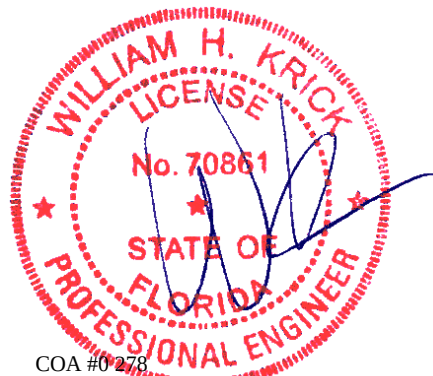
All plates are 3X4 except as noted.
(++) - This plate works for both joints covered.

Hangers / Ties

Hanger Support Required, by others

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.



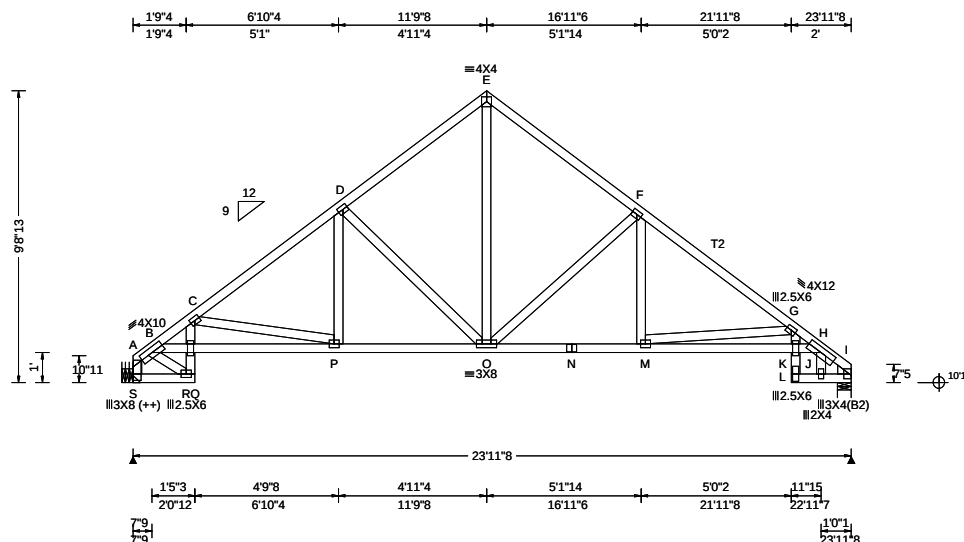
COA #0 278

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

SEQN: 97594 / FROM:	SPEC Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: C23	Cust: R 215 JRef:1YLP2150005 T114 DrwNo: 191.26.0955.22434 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.26 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.161 L 999 240 VERT(CL): 0.218 L 999 180 HORZ(LL): 0.188 I - - HORZ(TL): 0.256 I - - Creep Factor: 2.0 Max TC CSI: 0.872 Max BC CSI: 0.771 Max Web CSI: 0.638 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL S 1017 -/- /- /595 -/- /265 I 1020 -/- /- /602 -/- /- Wind reactions based on MWFRS S Brg Wid = - Min Req = - I Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

Top chord: 2x4 SP 2400f-2.0E; T2 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Wedge: 2x4 SP #3;

Plating Notes

All plates are 3X4 except as noted.
(++) - This plate works for both joints covered.

Hangers / Ties

Hanger Support Required, by others

Wind

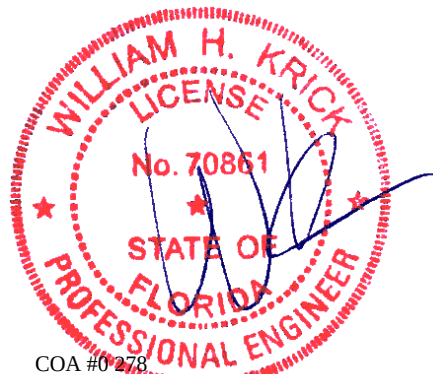
Wind loads based on MWFRS with additional C&C member design.
Left end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - R	1823 -308	N - M	1152 -98
R - P	1798 -305	M - K	2360 -405
P - O	1091 -88	K - H	2376 -400
O - N	1152 -98		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - S	189 -979	O - F	201 -553
B - Q	305 -441	M - G	331 -1206
C - P	235 -712	L - K	435 -64
D - O	187 -489	G - K	467 -14
E - O	804 -210	J - H	139 -801



COA #0278

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

The drawing illustrates a roof truss system with the following details:

- Dimensions:**
 - Overall width: 23'8"
 - Overall height: 9'6"13
 - Horizontal spacing from left support: 1'5"3, 2'0"12, 6'10"4, 11'9"8, 16'11"6, 21'11"8, 22'11"7, 23'8"8.
 - Horizontal spacing from right support: 11"15, 22'11"7, 5'0"2, 16'11"6, 11'9"8, 4'11"4, 6'10"4, 2'0"12, 1'5"3.
- Members:**
 - Top chord: 4X10 (left), 4X12 (right)
 - Vertical posts: 3X8 (center), 2.5X6 (left and right)
 - Diagonal bracing: 2X4 (multiple locations)
 - Horizontal bracing: 2X4 (multiple locations)
- Joints:** Labeled A through S, including points on the roof (C, D, E, F), vertical posts (Q, P, N), and supports (T, S, R, M, L, K, J, I, H, G).
- Notes:**
 - 12/9 slope indicator.
 - 10"1" dimension at the right support.
 - 7/9 dimension at the left support.

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

Plating Notes
All plates are 3X4 except as noted.
(**) 3 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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.
Hanger Support Required, by others
Bearing J (23"5"8, 10"1") LUS26
Supporting Member: (2)2x6 SP #2
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

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

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.		Chords	Tens. Comp.	
B - S	1821	- 317	O - N	1117	- 100
S - Q	1789	- 317	N - L	2114	- 382
Q - P	1077	- 90	L - H	2141	- 379
P - O	1117	- 100			

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.		Webs	Tens. Comp.	
A - T	187	- 965	P - F	197	- 523
B - R	299	- 469	N - G	304	- 995
C - Q	241	- 717	G - L	379	0
D - P	188	- 487	K - H	132	- 716
E - P	784	- 208	I - J	115	- 590

COA #0-278
07/13/2026
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SEQN: 98010 /	COMN	Ply: 1	Job Number: 26-3680	Cust: R 215	JRef: 1YLP2150005	T131
FROM:		Qty: 1	BROWN	DrwNo: 191.26.0955.22874		
			Truss Label: C25	GA / YK	07/10/2026	

Lumber

Wind

▲ Maximum Reactions (lbs)

Wind reactions based on MWFRS
 A Brg Wid = 7.3 Min Req = 1.5 (Truss)
 G Brg Wid = 5.5 Min Req = 1.5 (Truss)
 Bearings A & G are a rigid surface.

Members not listed have forces less than 375#

[illegible]

A - B	569 - 1543	D - E	285 - 951
B - C	254 - 1285	E - F	255 - 1293
C - D	285 - 950	F - G	491 - 1509

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
1	100	100	1	100	100
2	200	200	2	200	200
3	300	300	3	300	300
4	400	400	4	400	400
5	500	500	5	500	500
6	600	600	6	600	600
7	700	700	7	700	700
8	800	800	8	800	800
9	900	900	9	900	900
10	1000	1000	10	1000	1000
11	1100	1100	11	1100	1100
12	1200	1200	12	1200	1200
13	1300	1300	13	1300	1300
14	1400	1400	14	1400	1400
15	1500	1500	15	1500	1500
16	1600	1600	16	1600	1600
17	1700	1700	17	1700	1700
18	1800	1800	18	1800	1800
19	1900	1900	19	1900	1900
20	2000	2000	20	2000	2000
21	2100	2100	21	2100	2100
22	2200	2200	22	2200	2200
23	2300	2300	23	2300	2300
24	2400	2400	24	2400	2400
25	2500	2500	25	2500	2500
26	2600	2600	26	2600	2600
27	2700	2700	27	2700	2700
28	2800	2800	28	2800	2800
29	2900	2900	29	2900	2900
30	3000	3000	30	3000	3000
31	3100	3100	31	3100	3100
32	3200	3200	32	3200	3200
33	3300	3300	33	3300	3300
34	3400	3400	34	3400	3400
35	3500	3500	35	3500	3500
36	3600	3600	36	3600	3600
37	3700	3700	37	3700	3700
38	3800	3800	38	3800	3800
39	3900	3900	39	3900	3900
40	4000	4000	40	4000	4000
41	4100	4100	41	4100	4100
42	4200	4200	42	4200	4200
43	4300	4300	43	4300	4300
44	4400	4400	44	4400	4400
45	4500	4500	45	4500	4500
46	4600	4600	46	4600	4600
47	4700	4700	47	4700	4700
48	4800	4800	48	4800	4800
49	4900	4900	49	4900	4900
50	5000	5000	50	5000	5000
51	5100	5100	51	5100	5100
52	5200	5200	52	5200	5200
53	5300	5300	53	5300	5300
54	5400	5400	54	5400	5400
55	5500	5500	55	5500	5500
56	5600	5600	56	5600	5600
57	5700	5700	57	5700	5700
58	5800	5800	58	5800	5800
59	5900	5900	59	5900	5900
60	6000	6000	60	6000	6000
61	6100	6100	61	6100	6100
62	6200	6200	62	6200	6200
63	6300	6300	63	6300	6300
64	6400	6400	64	6400	6400
65	6500	6500			

A - K	963	-104	I - H	970	-106
K - J	960	-104	H - G	972	-106
J - I	970	-106			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
1	100	100	1	100	100
2	100	100	2	100	100
3	100	100	3	100	100
4	100	100	4	100	100
5	100	100	5	100	100
6	100	100	6	100	100
7	100	100	7	100	100
8	100	100	8	100	100
9	100	100	9	100	100
10	100	100	10	100	100
11	100	100	11	100	100
12	100	100	12	100	100
13	100	100	13	100	100
14	100	100	14	100	100
15	100	100	15	100	100
16	100	100	16	100	100
17	100	100	17	100	100
18	100	100	18	100	100
19	100	100	19	100	100
20	100	100	20	100	100
21	100	100	21	100	100
22	100	100	22	100	100
23	100	100	23	100	100
24	100	100	24	100	100
25	100	100	25	100	100
26	100	100	26	100	100
27	100	100	27	100	100
28	100	100	28	100	100
29	100	100	29	100	100
30	100	100	30	100	100
31	100	100	31	100	100
32	100	100	32	100	100
33	100	100	33	100	100
34	100	100	34	100	100
35	100	100	35	100	100
36	100	100	36	100	100
37	100	100	37	100	100
38	100	100	38	100	100
39	100	100	39	100	100
40	100	100	40	100	100
41	100	100	41	100	100
42	100	100	42	100	100
43	100	100	43	100	100
44	100	100	44	100	100
45	100	100	45	100	100
46	100	100	46	100	100
47	100	100	47	100	100
48	100	100	48	100	100
49	100	100	49	100	100
50	100	100	50	100	100
51	100	100	51	100	100
52	100	100	52	100	100
53	100	100	53	100	100
54	100	100	54	100	100
55	100	100	55	100	100
56	100	100	56	100	100
57	100	100	57	100	100
58	100	100	58	100	100
59	100	100	59	100	100
60	100	100	60	100	100
61	100	100	61	100	100
62	100	100	62	100	100
63	100	100	63	100	100
64	100	100	64	100	100
65	100	100	65	100	100
66	100	100	66	100	100
67	100	100	67	100	100
68	100	100	68	100	100
69	100				

C - J	191	- 379	J - E	193	- 391
D - J	612	- 175			

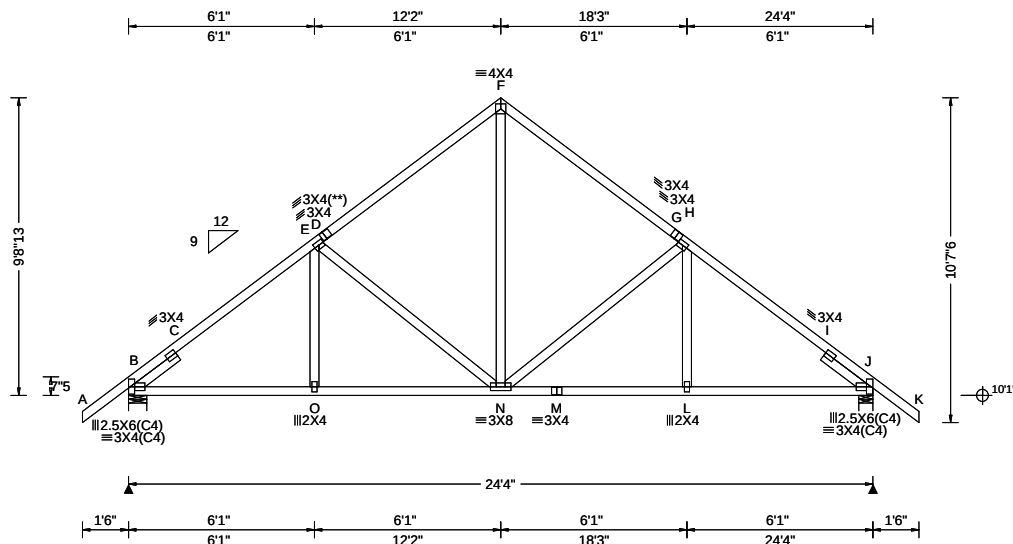


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SEQN: 98012 / FROM:	COMN Ply: 1 Qty: 4	Job Number: 26-3680 BROWN Truss Label: C26	Cust: R 215 JRef:1YLP2150005 T130 DrwNo: 191.26.0955.22714 GA / YK 07/10/2026
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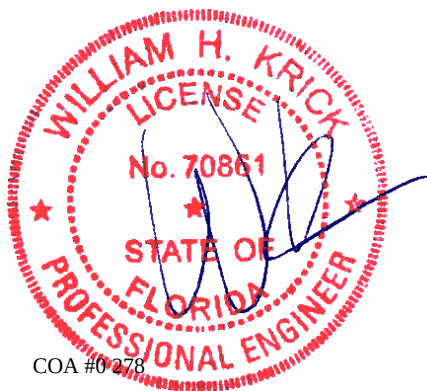


Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.033 N 999 240 VERT(CL): 0.069 N 999 180 HORZ(LL): 0.016 J - - HORZ(TL): 0.034 J - - Creep Factor: 2.0 Max TC CSI: 0.435 Max BC CSI: 0.404 Max Web CSI: 0.424 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1142 - / - / - /628 - /270 J 1136 - / - / - /625 - / - Wind reactions based on MWFRS B Brg Wid = 7.3 Min Req = 1.5 (Truss) J Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 525 -1546 F - G 275 -925 C - D 239 -1257 G - H 232 -936 D - E 232 -935 H - I 240 -1266 E - F 275 -924 I - J 450 -1510

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.846'
Rt Slider: 2x4 SP #3; block length = 1.846'

Plating Notes
(**) 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.
Wind loading based on both gable and hip roof types.



COA #0278

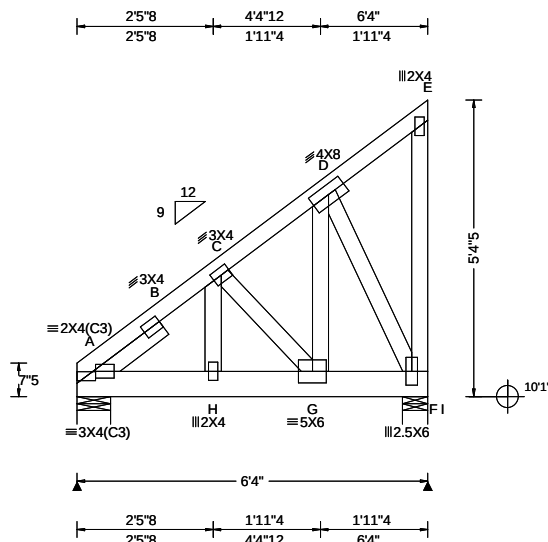
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98426 / FROM:	MONO Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: C27	Cust: R 215 JRef:1YLP2150005 T65 / DrwNo: 191.26.0955.20556 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.033 B 999 240 VERT(CL): 0.035 B 999 180 HORZ(LL): 0.024 B - - HORZ(TL): 0.025 B - - Creep Factor: 2.0 Max TC CSI: 0.534 Max BC CSI: 0.360 Max Web CSI: 0.695 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 1710 /- /- /- /78 /- I 1631 /- /- /- /72 /- Wind reactions based on MWFRS A Brg Wid = 7.3 Min Req = 2.0 (Truss) I Brg Wid = 5.5 Min Req = 1.9 (Truss) Bearings A & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 93 - 2127 C - D 58 - 1546 B - C 72 - 2051

Lumber

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

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 65 plf at 0.00 to 65 plf at 6.33
BC: From 10 plf at 0.00 to 10 plf at 6.33
BC: 819 lb Conc. Load at 1.73, 3.06
BC: 1228 lb Conc. Load at 4.40

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.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - H	1461 -55	G - F	785 -30
H - G	1459 -55		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - G	36 -891	D - F	64 -1673
G - D	1825 -30		



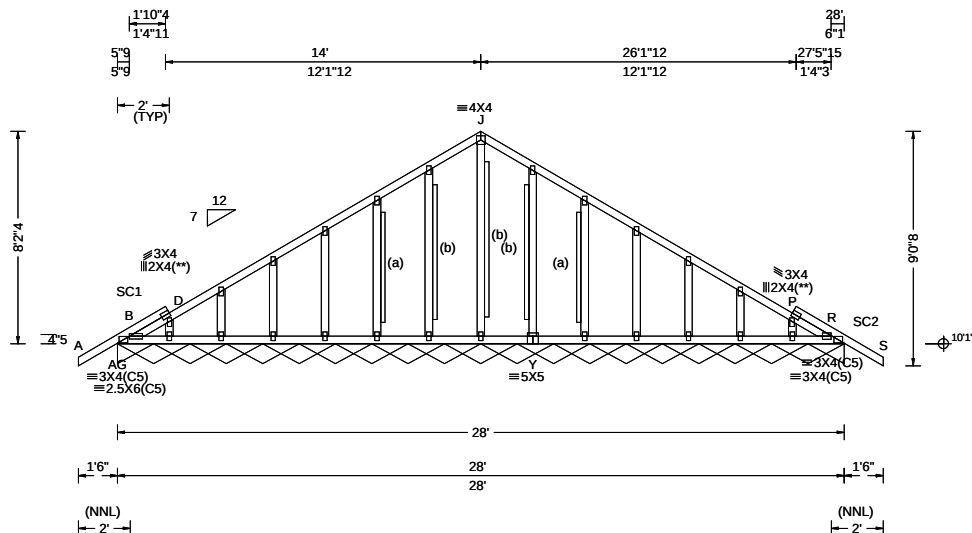
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 97390 / FROM:	GABL Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: D01	Cust: R 215 JRef: 1YLP2150005 T35 / DrwNo: 191.26.0955.21798 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 K 999 240 VERT(CL): 0.002 K 999 180 HORZ(LL): -0.000 C - - HORZ(TL): 0.004 H - - Creep Factor: 2.0 Max TC CSI: 0.176 Max BC CSI: 0.040 Max Web CSI: 0.920 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL AG*90 /- /- /46 /15 /7 Wind reactions based on MWFRS AG Brg Wid = 336 Min Req = - Bearing AG is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

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

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/294.

Gable Reinforcement

- (a) 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.
- (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.

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.



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

Wind	Maximum Web Forces Per Ply (lbs)				
	Webs	Tens.	Comp.	Webs	Tens. Comp.
Wind loads based on MWFRS with additional C&C member design.	C - P	421	- 1324	N - H	347 - 472
Wind loading based on both gable and hip roof types.	C - O	2683	- 496	M - I	2590 - 476
	D - N	346	- 426	L - I	426 - 1282
	F - N	1634	- 157		



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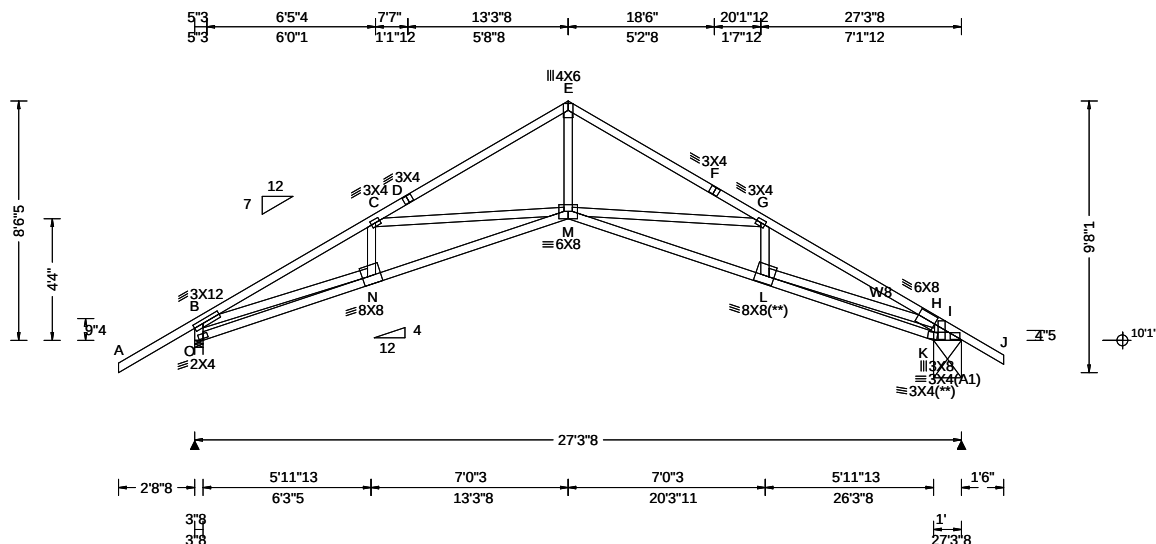
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93086 FROM:	SPEC	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: D03	Cust: R 215 JRef: 1YLP2150005 T101 DrwNo: 191.26.1123.32930 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	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): 0.217 M 999 240 VERT(CL): 0.427 M 738 180 HORZ(LL): 0.176 K - - HORZ(TL): 0.347 K - - Creep Factor: 2.0 Max TC CSI: 0.621 Max BC CSI: 0.735 Max Web CSI: 0.931 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL O 1278 -/- /- /636 /223 /217 I 1299 -/- /- /707 /213 -/ Wind reactions based on MWFRS O Brg Wid = 3.5 Min Req = 1.5 (Support) I Brg Wid = 12.0 Min Req = 1.5 (Truss) Bearings O & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 391 -2958 E - F 254 -2224 C - D 229 -2279 F - G 224 -2279 D - E 262 -2240 G - H 394 -2792

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W8 2x4 SP #2;
Rt Wedge: 2x4 SP #3;

Plating Notes

(**) 2 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.

Additional Notes

Shim all supports to solid bearing.



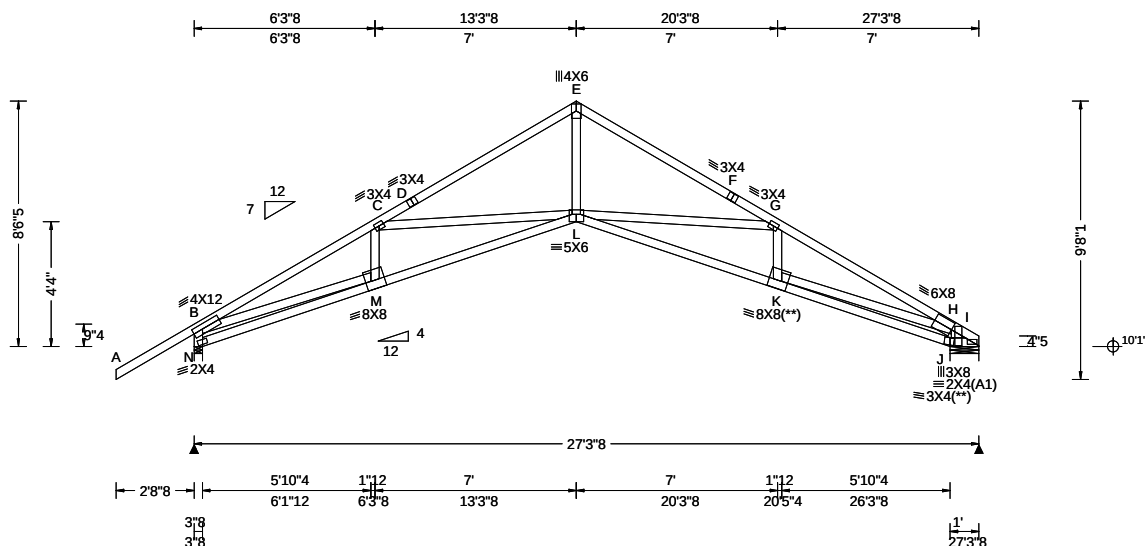
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93089 FROM:	SPEC	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: D04	Cust: R 215 JRef: 1YLP2150005 T86 DrwNo: 191.26.1123.34357 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.209 L 999 240 VERT(CL): 0.431 L 732 180 HORZ(LL): 0.170 J - - HORZ(TL): 0.350 J - - Creep Factor: 2.0 Max TC CSI: 0.606 Max BC CSI: 0.736 Max Web CSI: 0.995 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL N 1279 - / - / - /637 /222 /234 I 1196 - / - / - /700 /188 - Wind reactions based on MWFRS N Brg Wid = 3.5 Min Req = 1.5 (Support) I Brg Wid = 12.0 Min Req = 1.5 (Truss) Bearings N & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 447 -2965 E - F 318 -2239 C - D 274 -2286 F - G 286 -2286 D - E 308 -2247 G - H 438 -2811

Lumber

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

Plating Notes

(**) 2 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.

Additional Notes

Shim all supports to solid bearing.



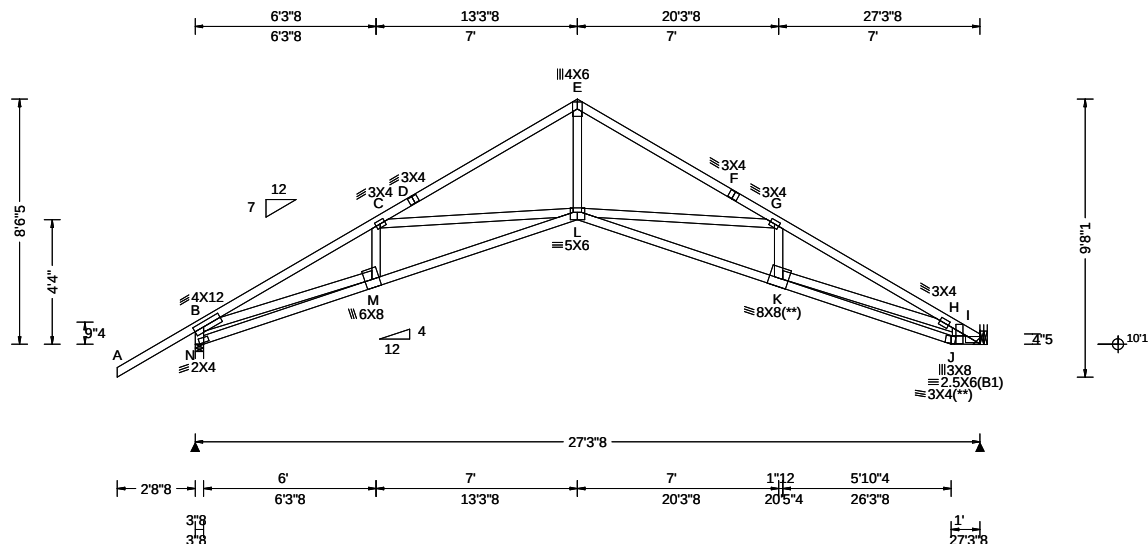
COA #0 278

07/13/2026
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93093 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: D05	Cust: R 215 JRef: 1YLP2150005 T76 DrwNo: 191.26.1123.36000 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.351 L 928 240 VERT(CL): 0.478 L 682 180 HORZ(LL): 0.287 J - - HORZ(TL): 0.391 J - - Creep Factor: 2.0 Max TC CSI: 0.653 Max BC CSI: 0.807 Max Web CSI: 0.988 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL N 1331 - / - / - / 663 / 231 / 234 I 1145 - / - / - / 670 / 179 / - Wind reactions based on MWFRS N Brg Wid = 3.5 Min Req = 1.5 (Support) I Brg Wid = - Min Req = - Bearing N 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 479 - 3129 F - G 329 - 2490 C - D 316 - 2488 G - H 561 - 3393 D - E 350 - 2449 H - I 509 - 2244 E - F 360 - 2442

Lumber

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

Plating Notes

(**) 2 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.

Additional Notes

Shim all supports to solid bearing.



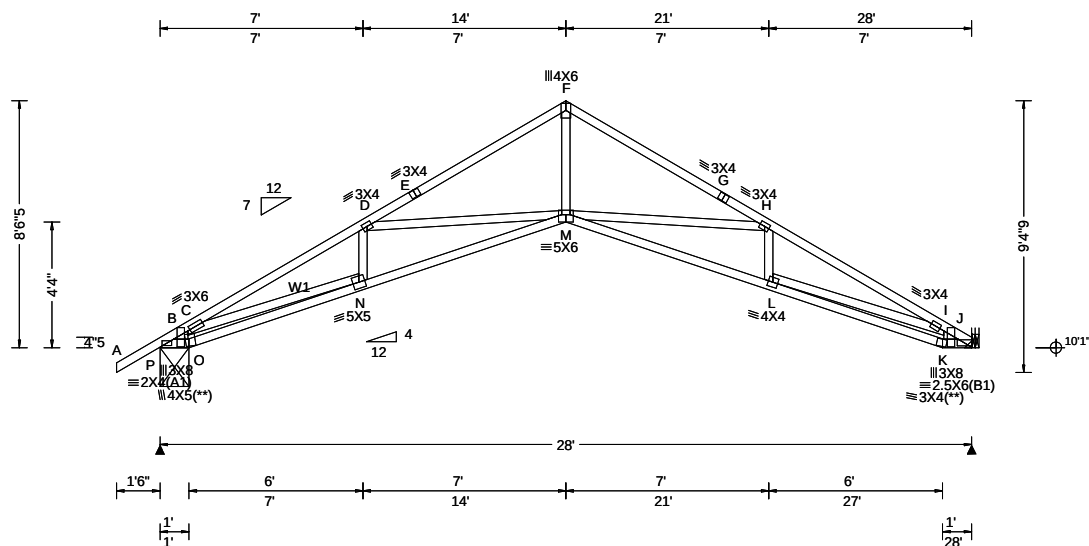
COA #0278

07/13/2026
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98430 / FROM:	COMN Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: D06	Cust: R 215 JRef:1YLP2150005 T87 DrwNo: 191.26.0955.23064 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.218 M 999 240 VERT(CL): 0.453 M 711 180 HORZ(LL): 0.176 K - - HORZ(TL): 0.366 K - - Creep Factor: 2.0 Max TC CSI: 0.650 Max BC CSI: 0.806 Max Web CSI: 0.759 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL P 1335 - / - / 724 /15 /227 J 1123 - / - / 660 /6 - B - /315 Wind reactions based on MWFRS P Brg Wid = 12.0 Min Req = 1.6 (Truss) J Brg Wid = - Min Req = - Bearing P 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.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W1 2x4 SP #2;
Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

Plating Notes

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

Hangers / Ties

Hanger Support Required, by others

Wind

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

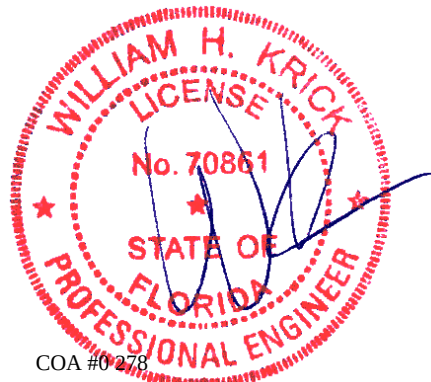
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	93 -417	L - K	1757 -389
N - M	2553 -330	K - J	1691 -375
M - L	2955 -406		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - N	2828 -372	M - H	326 -795
D - M	253 -413	L - I	1164 -55
F - M	1863 -140		



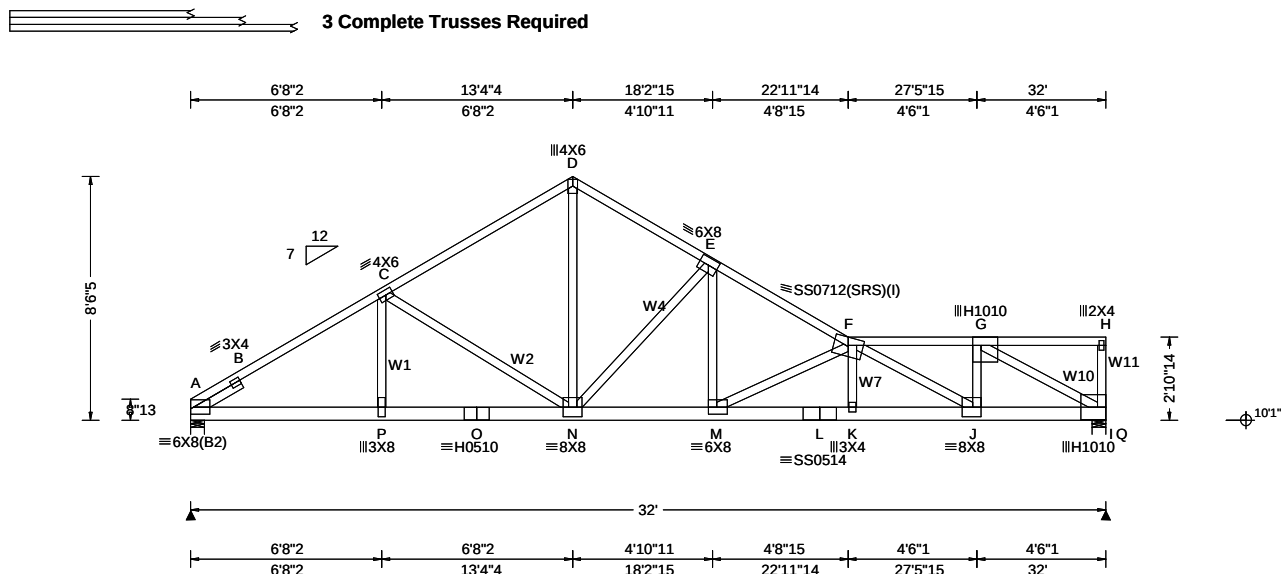
COA #0278

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

SEQN: 93097 FROM:	COMN Ply: 3 Qty: 1	Job Number: 26-3680 BROWN Truss Label: D07	Cust: R 215 JRef: 1YLP2150005 T97 DrwNo: 191.26.1124.15423 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 3.20 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS, 18SS	PP Deflection in loc L/defl L/# VERT(LL): 0.588 F 648 240 VERT(CL): 0.616 F 618 180 HORZ(LL): 0.174 D - - HORZ(TL): 0.182 D - - Creep Factor: 2.0 Max TC CSI: 0.494 Max BC CSI: 0.638 Max Web CSI: 0.976 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL A 10384 -/- /- /- /84 -/- Q 12524 -/- /- /- /333 -/- Non-Gravity Wind reactions based on MWFRS A Brg Wid = 5.7 Min Req = 2.9 (Truss) Q Brg Wid = 5.8 Min Req = 3.5 (Truss) Bearings A & Q are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 115 -5243 D - E 47 -3947 B - C 46 -5218 E - F 83 -6177 C - D 52 -3956 F - G 148 -6578

Lumber

Top chord: 2x4 SP 2400f-2.0E;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #2; W1, W2, W4, W11 2x4 SP #3; W7, W10 2x4 SP 2400f-2.0E;
Lt Slider: 2x4 SP #2; block length = 1.860'

Nailnote

Nail Schedule: 0.131"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs: 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

----- (Lumber Dur. Fac. = 1.25 / Plate Dur. Fac. = 1.25)
TC: From 63 plf at 0.00 to 63 plf at 27.48
TC: From 32 plf at 27.48 to 32 plf at 32.00
BC: From 10 plf at 0.00 to 10 plf at 32.00
BC: 1017 lb Conc. Load at 1.29, 13.29, 15.29, 27.29
BC: 1008 lb Conc. Load at 3.29, 5.29, 6.29, 8.29, 9.29, 11.29
BC: 1013 lb Conc. Load at 17.29, 19.29, 21.29, 23.29, 25.29
BC: 2682 lb Conc. Load at 27.48
BC: 1423 lb Conc. Load at 29.29, 31.29

Plating Notes

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

Purlins

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

Wind

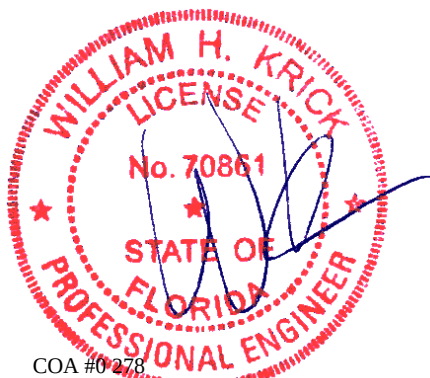
Wind loads and reactions based on MWFRS.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - P	4459 -35	M - L	9309 -141
P - O	4420 -35	L - K	9309 -141
O - N	4420 -35	K - J	9343 -139
N - M	5202 -63	J - I	6174 -141

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
P - C	1265 0	M - F	89 -4541
C - N	2 -1221	F - K	596 0
D - N	3805 0	F - J	0 -3193
N - E	45 -2692	J - G	3534 -54
E - M	3012 -13	G - I	163 -7121



COA #0278

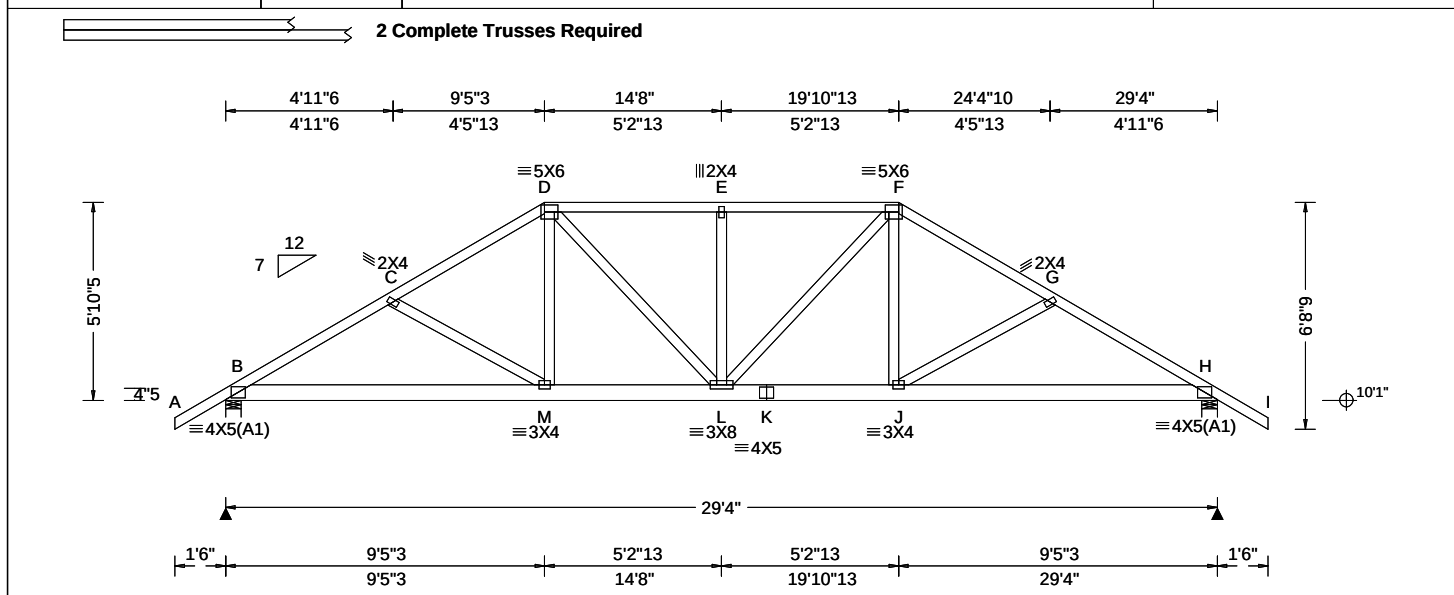
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93099 FROM:	HIPS Qty: 1	Ply: 2	Job Number: 26-3680 BROWN Truss Label: E01	Cust: R 215 JRef:1YLP2150005 T61 DrwNo: 191.26.1124.22047 JKS / WHK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.107 E 999 240 VERT(CL): 0.214 E 999 180 HORZ(LL): 0.033 H - - HORZ(TL): 0.066 H - - Creep Factor: 2.0 Max TC CSI: 0.471 Max BC CSI: 0.445 Max Web CSI: 0.274 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 3009 -/- /- /- /698 -/ H 3009 -/- /- /- /698 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.8 (Truss) H Brg Wid = 5.5 Min Req = 1.8 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 634 -2633 E - F 622 -2466 C - D 591 -2510 F - G 591 -2510 D - E 622 -2466 G - H 634 -2633

Lumber	Wind
Top chord: 2x4 SP #2; Bot chord: 2x6 SP #2; Webs: 2x4 SP #3;	Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

Nailnote	Maximum Bot Chord Forces Per Ply (lbs)
Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c. Webs : 1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting.	Chords Tens.Comp. Chords Tens. Comp. B - M 2242 -534 K - J 2141 -502 M - L 2141 -502 J - H 2242 -534 L - K 2141 -502

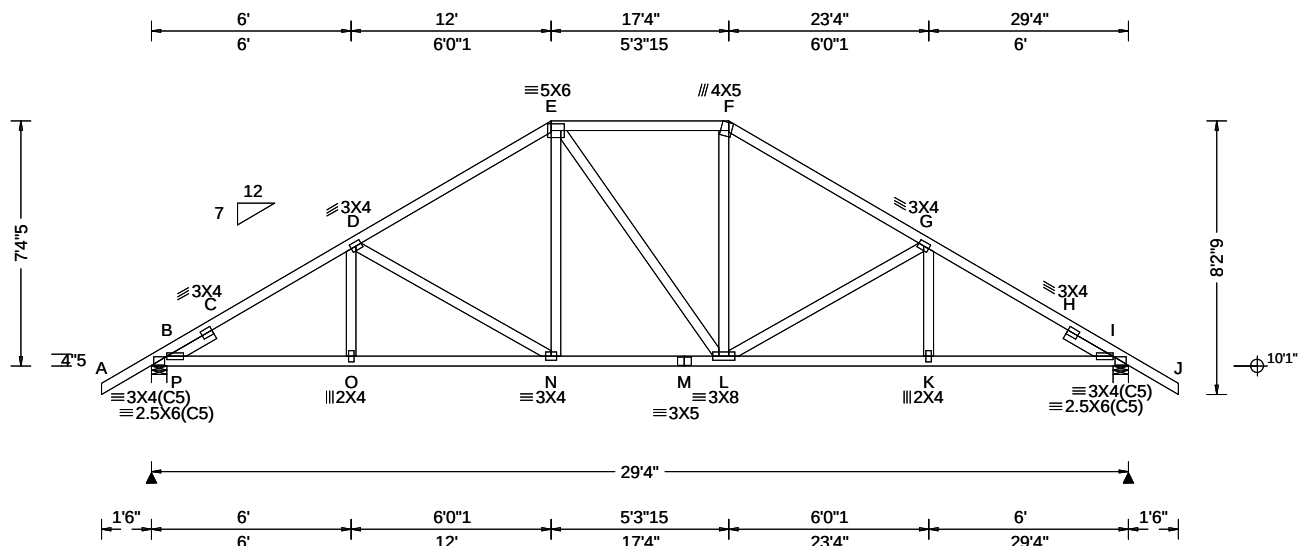
Special Loads	Maximum Web Forces Per Ply (lbs)
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 63 plf at -1.50 to 63 plf at 9.43 TC: From 32 plf at 9.43 to 32 plf at 19.90 TC: From 63 plf at 19.90 to 63 plf at 30.83 BC: From 5 plf at -1.50 to 5 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 9.46 BC: From 10 plf at 9.46 to 10 plf at 19.87 BC: From 20 plf at 19.87 to 20 plf at 29.33 BC: From 5 plf at 29.33 to 5 plf at 30.83 TC: 189 lb Conc. Load at 11.49,13.49,14.67,15.84 17.84 BC: 1114 lb Conc. Load at 9.46,19.87 BC: 128 lb Conc. Load at 11.49,13.49,14.67,15.84 17.84	Webs Tens.Comp. Webs Tens. Comp. D - M 718 -75 L - F 470 -174 D - L 470 -174 F - J 718 -75 E - L 261 -415

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

SEQN: 97727 / FROM:	HIPS Qty: 1	Ply: 1 Job Number: 26-3680 BROWN Truss Label: E02	Cust: R 215 JRef: 1YLP2150005 T21 / DrwNo: 191.26.0955.23794 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.067 N 999 240 VERT(CL): 0.137 N 999 180 HORZ(LL): 0.032 I - - HORZ(TL): 0.066 I - - Creep Factor: 2.0 Max TC CSI: 0.358 Max BC CSI: 0.492 Max Web CSI: 0.433 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL P 1321 - / - / - / 709 / 232 / 181 I 1321 - / - / - / 709 / 232 - / - Non-Gravity Wind reactions based on MWFRS P Brg Wid = 5.5 Min Req = 1.6 (Truss) I Brg Wid = 5.5 Min Req = 1.6 (Truss) Bearings P & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 524 -1932 F - G 526 -1467 C - D 535 -1881 G - H 534 -1881 D - E 528 -1473 H - I 524 -1933 E - F 512 -1190

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.560'
Rt Slider: 2x4 SP #3; block length = 1.560'

Purlins

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

Wind

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

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - O	1575 -329	M - L	1188 -209
O - N	1572 -329	L - K	1572 -348
N - M	1188 -209	K - I	1575 -347

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - N	159 -449	L - F	399 -26
E - N	398 -26	L - G	159 -452



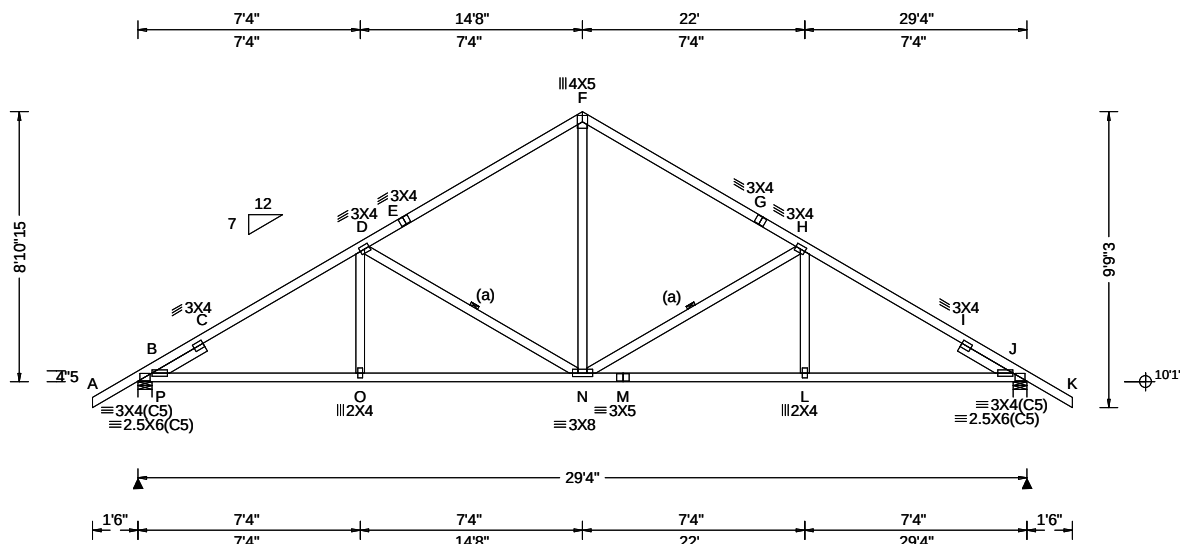
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 97729 / FROM:	COMN	Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: E03	Cust: R 215 JRef: 1YLP2150005 T30 / DrwNo: 191.26.0955.22046 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.069 N 999 240 VERT(CL): 0.140 N 999 180 HORZ(LL): 0.039 C - - HORZ(TL): 0.079 C - - Creep Factor: 2.0 Max TC CSI: 0.576 Max BC CSI: 0.620 Max Web CSI: 0.286 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL P 1321 /- /- /709 /227 /221 J 1321 /- /- /709 /227 /- Wind reactions based on MWFRS P Brg Wid = 5.5 Min Req = 1.6 (Truss) J Brg Wid = 5.5 Min Req = 1.6 (Truss) Bearings P & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 348 -1895 F - G 344 -1259 C - D 358 -1833 G - H 309 -1303 D - E 309 -1303 H - I 358 -1833 E - F 343 -1259 I - J 349 -1895

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.945'
Rt Slider: 2x4 SP #3; block length = 1.945'

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Wind

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

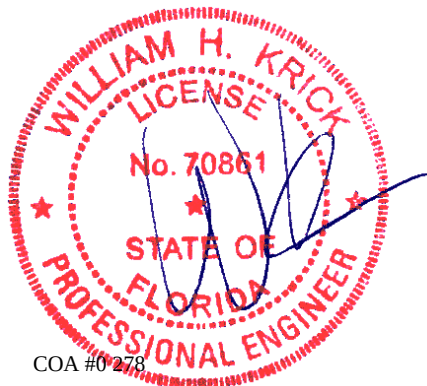
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - O	1531 -171	M - L	1528 -182
O - N	1528 -172	L - J	1531 -181
N - M	1528 -182		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - N	210 -588	F - N	752 -133
N - H	209 -588		



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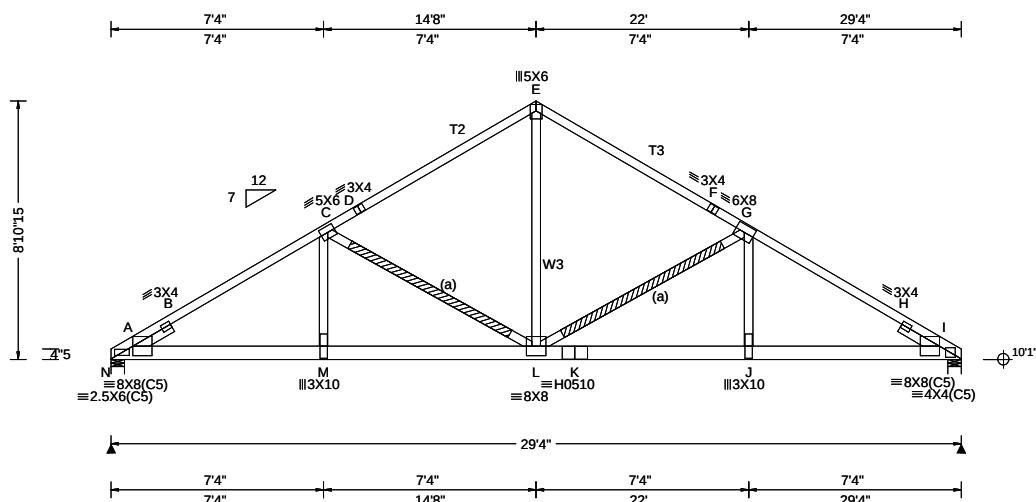
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93112 FROM:	COMN Ply: 2 Qty: 1	Job Number: 26-3680 BROWN Truss Label: E04	Cust: R 215 JRef: 1YLP2150005 T75 DrwNo: 191.26.1124.43663 JKS / WHK 07/10/2026
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	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, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.192 L 999 240 VERT(CL): 0.380 L 906 180 HORZ(LL): 0.062 C - - HORZ(TL): 0.122 C - - Creep Factor: 2.0 Max TC CSI: 0.820 Max BC CSI: 0.934 Max Web CSI: 0.931 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL N 8544 -/- /- /- /399 -/ I 8553 -/- /- /- /850 -/ Wind reactions based on MWFRS N Brg Wid = 5.5 Min Req = 3.5 (Truss) I Brg Wid = 5.5 Min Req = 3.5 (Truss) Bearings N & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

Top chord: 2x4 SP 2400f-2.0E; T2,T3 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W3 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

Reinforcement

(a) #3 or better scab reinforcement. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.) nails @ 6" oc.

Nailnote

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 6.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 29.33
BC: From 10 plf at 0.00 to 10 plf at 26.94
BC: From 20 plf at 26.94 to 20 plf at 29.33
BC: 1020 lb Conc. Load at 0.94, 2.94, 4.94,20.94
BC: 956 lb Conc. Load at 6.94
BC: 967 lb Conc. Load at 8.94
BC: 868 lb Conc. Load at 10.94,12.94,14.10,16.10
BC: 864 lb Conc. Load at 17.94,18.94
BC: 1013 lb Conc. Load at 22.94,24.94
BC: 1703 lb Conc. Load at 26.94

Wind

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - M	5518 -278	K - J	5708 -473
M - L	5482 -278	J - I	5752 -477
L - K	5708 -473		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
M - C	1832 0	E - L	4125 -167
C - L	75 -2036	G - J	2091 -209
L - G	300 -2298		



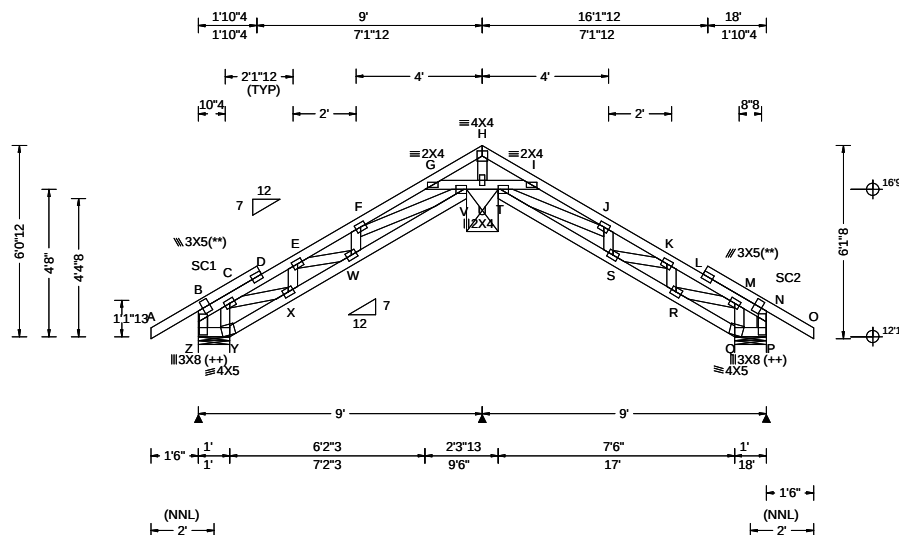
COA #0278

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

SEQN: 98458 / FROM:	GABL Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: G01	Cust: R 215 JRef: 1YLP2150005 T3 / DrwNo: 191.26.0955.20344 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.25 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 GCp: 0.18 Wind Duration: 1.33	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): 0.011 F 999 240 VERT(CL): 0.026 F 999 180 HORZ(LL): 0.008 F - - HORZ(TL): 0.019 F - - Creep Factor: 2.0 Max TC CSI: 0.210 Max BC CSI: 0.189 Max Web CSI: 0.163 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Z 498 - / - / - /229 /128 /132 V 779 - / - / - /527 /11 - /- P 497 - / - / - /280 /128 - /- Wind reactions based on MWFRS Z Brg Wid = 12.0 Min Req = 1.5 (Truss) V Brg Wid = 12.0 Min Req = 1.5 (Truss) P Brg Wid = 12.0 Min Req = 1.5 (Truss) Bearings Z, V, & Q are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

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 3X4 except as noted.

(++) - This plate works for both joints covered.

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

Loading

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

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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 notched area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.



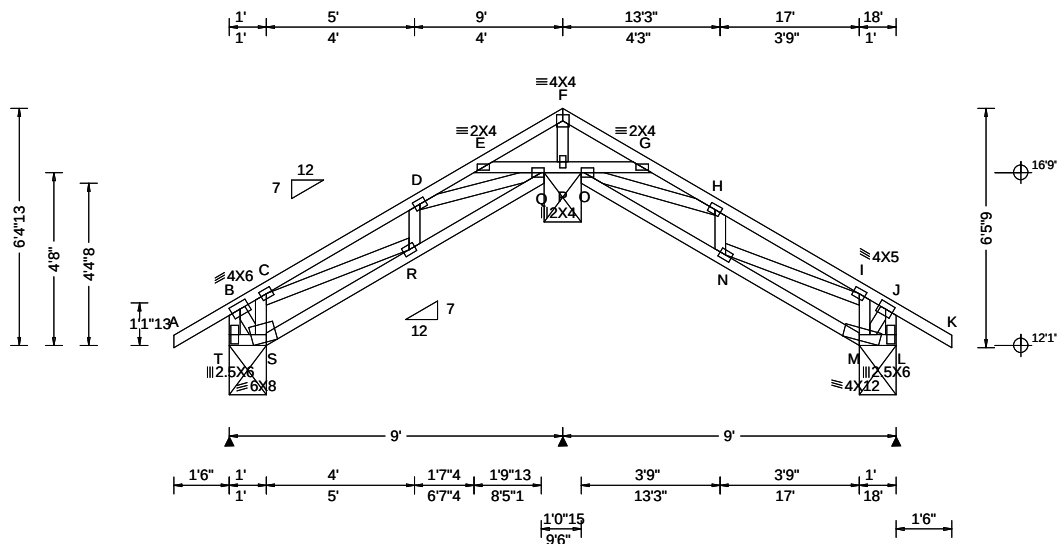
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 98462 / FROM:	COMN Ply: 1 Qty: 4	Job Number: 26-3680 BROWN Truss Label: G02	Cust: R 215 JRef: 1YLP2150005 T63 / DrwNo: 191.26.0955.23414 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.42 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 GCp: 0.18 Wind Duration: 1.33	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): 0.008 D 999 240 VERT(CL): 0.019 D 999 180 HORZ(LL): 0.004 R - - HORZ(TL): 0.009 D - - Creep Factor: 2.0 Max TC CSI: 0.233 Max BC CSI: 0.144 Max Web CSI: 0.174 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL T 522 /- /- /242 /142 /136 Q 738 /- /- /498 /0 /- L 523 /- /- /304 /142 /- Wind reactions based on MWFRS T Brg Wid = 12.0 Min Req = 1.5 (Truss) Q Brg Wid = 12.0 Min Req = 1.5 (Truss) L Brg Wid = 12.0 Min Req = 1.5 (Truss) Bearings T, Q, & 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.

Lumber

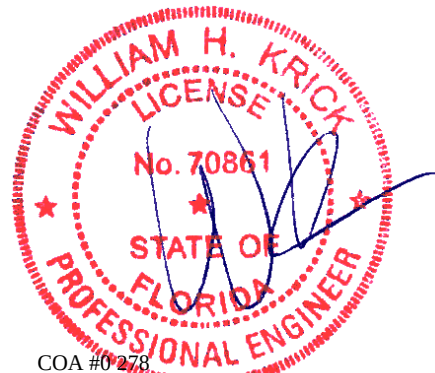
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Plating Notes

All plates are 3X4 except as noted.

Wind

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



COA #0279

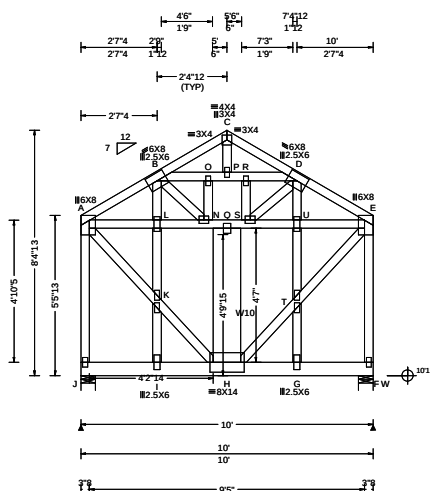
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 93060 FROM:	COMN Ply: 2 Qty: 1	Job Number: 26-3680 BROWN Truss Label: G03	Cust: R 215 JRef: 1YLP2150005 T14 DrwNo: 191.26.1124.54763 JKS / WHK 07/10/2026
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.03 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 GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.044 I 999 240 VERT(CL): 0.050 I 999 180 HORZ(LL): 0.003 B - - HORZ(TL): 0.004 B - - Creep Factor: 2.0 Max TC CSI: 0.104 Max BC CSI: 0.395 Max Web CSI: 0.642 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 4218 /- /- /372 /24 /- W 4142 /- /- /369 /26 /- Wind reactions based on MWFRS J Brg Wid = 6.0 Min Req = 2.5 (Truss) W Brg Wid = 6.0 Min Req = 2.4 (Truss) Bearings J & W 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 26 -1544 C - D 26 -404 B - C 26 -404 D - E 26 -1533

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP #2;
Webs: 2x4 SP #3; W10 2x12 SP #2;

Nailnote

Nail Schedule: 0.131"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 10.00
BC: From 10 plf at 0.00 to 10 plf at 10.00
PLB: From 1000 plf at 4.21 to 1000 plf at 5.79
BC: 1008 lb Conc. Load at 0.94, 2.94, 3.94, 5.94
6.94, 8.94

Plating Notes

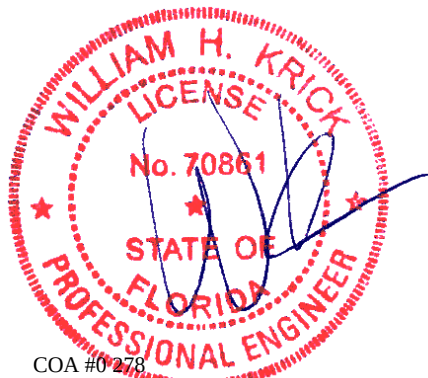
All plates are 2X4 except as noted.

Wind

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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - J	21 -1767	P - R	0 -834
A - K	1324 0	Q - H	19 -742
A - L	396 -18	R - D	0 -850
K - L	675 -36	S - U	418 -17
K - H	1308 0	T - G	676 -25
B - L	669 -36	T - E	1324 0
B - O	0 -850	U - T	656 -29
I - K	694 -31	U - D	652 -32
L - N	427 -17	U - E	387 -19
O - P	0 -834	E - F	21 -1761
H - T	1309 0		



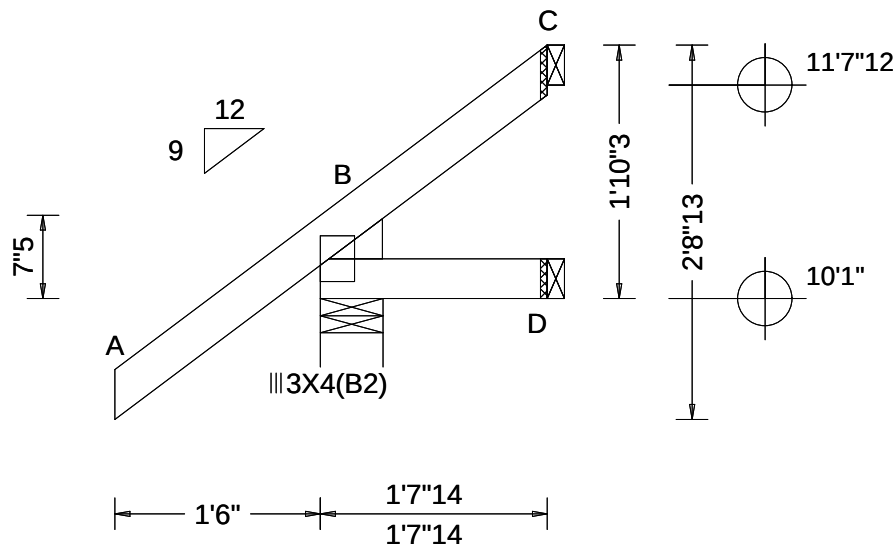
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SEQN: 98262 / FROM:	JACK Ply: 1 Qty: 5	Job Number: 26-3680 BROWN Truss Label: J01	Cust: R 215 JRef: 1YLP2150005 T93 / DrwNo: 191.26.0955.21322 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	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 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.362 Max BC CSI: 0.055 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 227 /- /- /80 /30 /76 D 21 /-1 /- /22 /- /- C 19 /- /- /36 /22 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Wedge: 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.

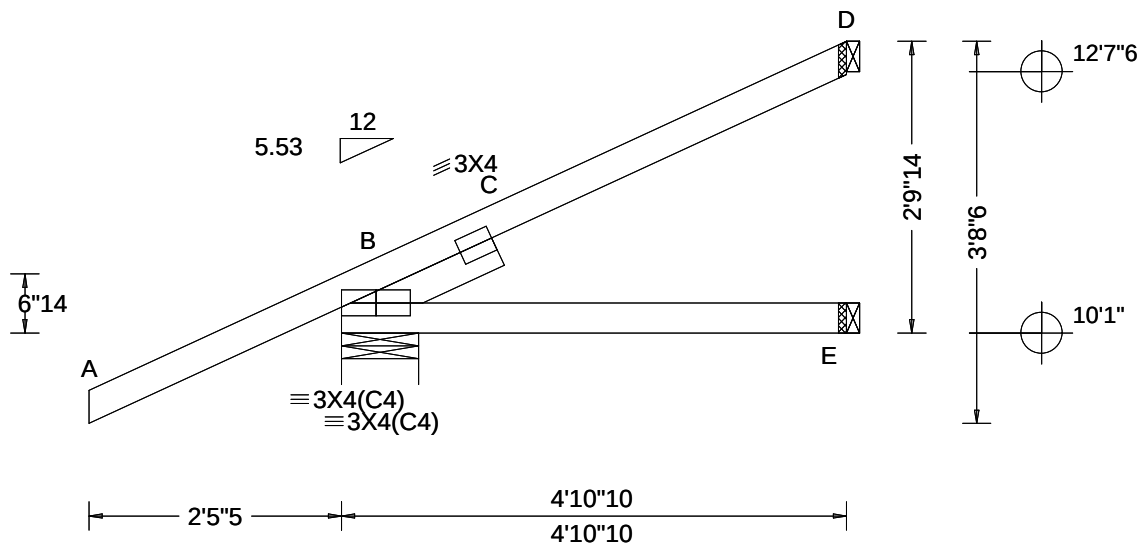


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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: NA GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.003 C - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.415 Max BC CSI: 0.114 Max Web CSI: 0.043 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 243 /- /- /- /57 /- E 29 /- /- /17 /- /- D 79 /- /- /- /29 /- Wind reactions based on MWFRS B Brg Wid = 9.0 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.50'

Loading

Hipjack supports 3-5-7 setback jacks with no webs.

Wind

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

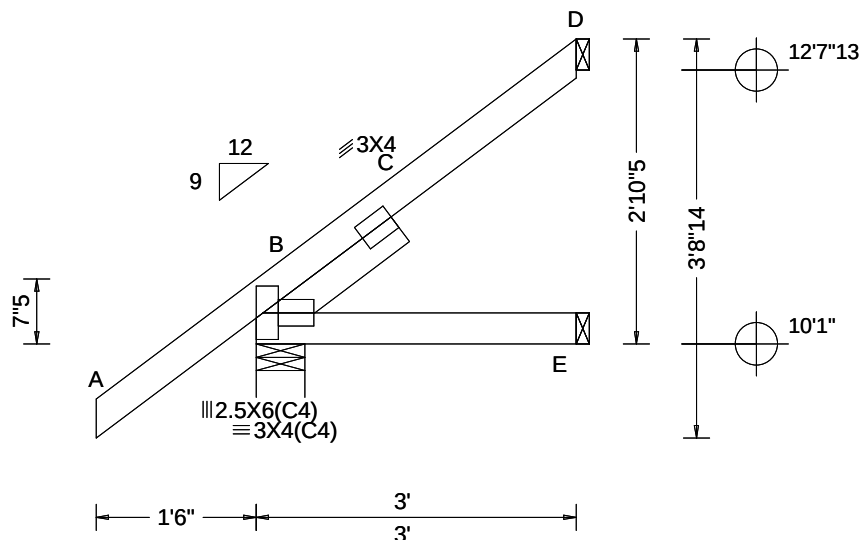


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SEQN: 98281 / FROM:	EJAC Ply: 1 Qty: 7	Job Number: 26-3680 BROWN Truss Label: J02	Cust: R 215 JRef: 1YLP2150005 T57 / DrwNo: 191.26.0955.19884 GA / YK 07/10/2026
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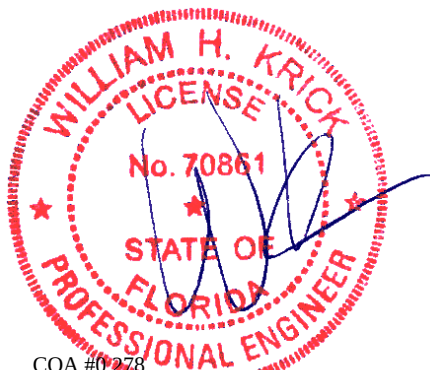
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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 C - - HORZ(TL): 0.008 C - - Creep Factor: 2.0 Max TC CSI: 0.302 Max BC CSI: 0.076 Max Web CSI: 0.088 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 280 /- /- /112 /13 /110 E 47 /- /- /33 /- /- D 58 /- /- /66 /52 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.50'

Wind

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



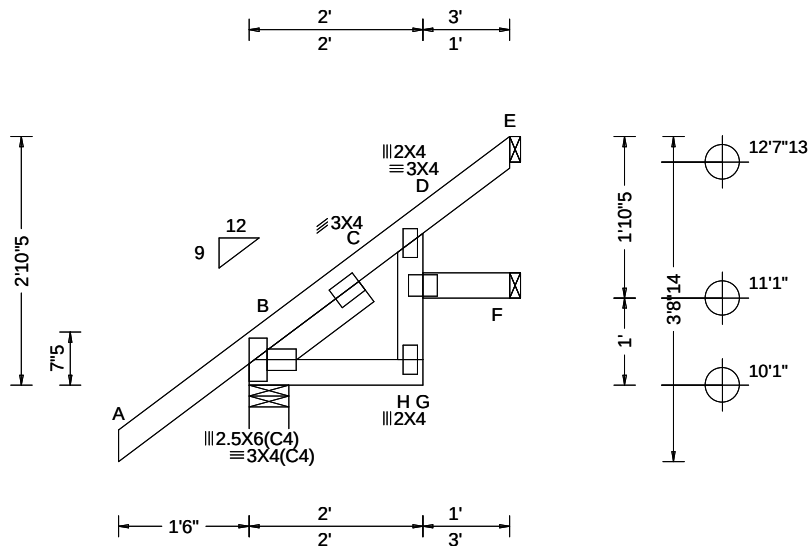
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SEQN: 98283 / FROM:	EJAC Ply: 1 Qty: 5	Job Number: 26-3680 BROWN Truss Label: J03	Cust: R 215 JRef:1YLP2150005 T34 / DrwNo: 191.26.0955.21875 GA / YK 07/10/2026
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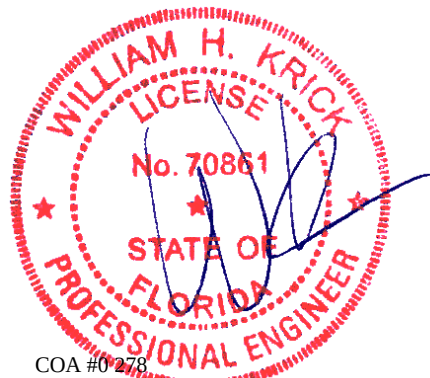
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.003 G 999 240 VERT(CL): 0.009 G 999 180 HORZ(LL): 0.002 D - - HORZ(TL): 0.009 D - - Creep Factor: 2.0 Max TC CSI: 0.331 Max BC CSI: 0.054 Max Web CSI: 0.089 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 280 /- /- /112 /9 /78 F 25 /- /- /20 /- /- E 66 /- /- /80 /29 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Wind

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



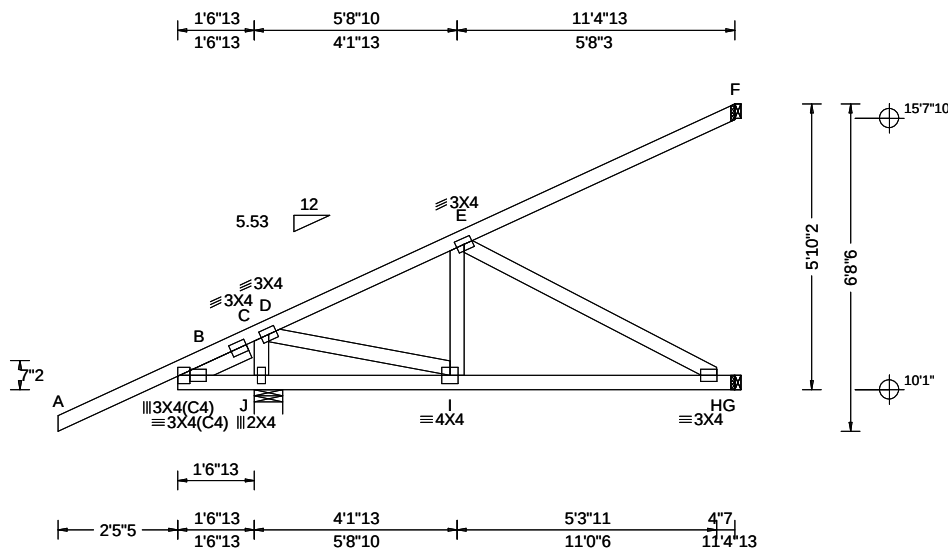
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SEQN: 98033 / FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J03HJ	Cust: R 215 JRef:1YLP2150005 T46 / DrwNo: 191.26.0955.23604 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: NA GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.018 H 999 240 VERT(CL): 0.025 H 999 180 HORZ(LL): -0.008 F - - HORZ(TL): 0.010 F - - Creep Factor: 2.0 Max TC CSI: 0.497 Max BC CSI: 0.548 Max Web CSI: 0.459 VIEW Ver: 24.02.00D.0114.11	Gravity Loc R+ / R- / Rh / Rw / U / RL J 776 /- /- /- /176 /- G 250 /- /0 /30 /- /0 F 296 /- /- /- /108 /- Non-Gravity Wind reactions based on MWFRS J Brg Wid = 7.0 Min Req = 1.5 (Truss) G Brg Wid = 1.5 Min Req = - F Brg Wid = 1.5 Min Req = - Bearing J is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

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

Loading

The following trusses need concentrated loads at the end of their overhangs: 5-0-0 span/setback member on the 1-1-5 cant side requires 100 lbs and the 5-0-0 span/setback member on the 1-1-5 cant side requires 100 lbs.

Sub-fascia beam assumptions: 6-8-12 sub-fascia beam on the 1-1-5 cantilever side. 6-8-12 sub-fascia beam on the 1-1-5 cantilever side.

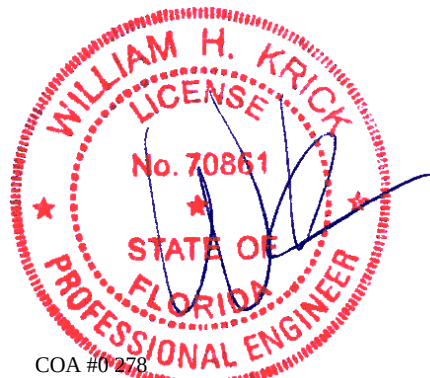
Hipjack supports 8-0-12 setback jacks with 1-1-5 cantilever one face; 1-1-5 cantilever opposite face.

Wind

Wind loads and reactions based on MWFRS.

Left cantilever is not exposed to wind

Wind loading based on both gable and hip roof types.



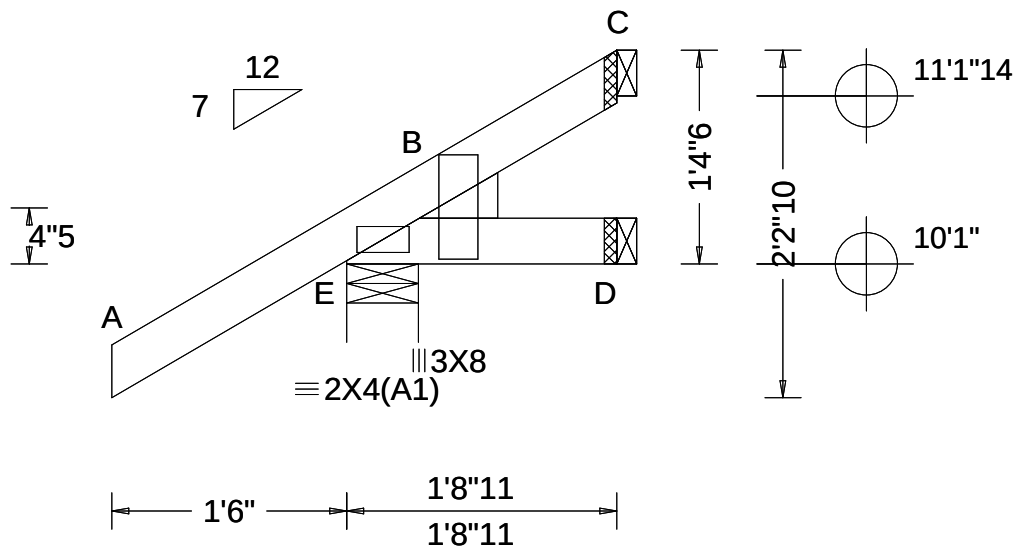
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SEQN: 98260 / FROM:	JACK Ply: 1 Qty: 5	Job Number: 26-3680 BROWN Truss Label: J04	Cust: R 215 JRef: 1YLP2150005 T129 DrwNo: 191.26.0955.22244 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.311 Max BC CSI: 0.059 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 238 /- /- /81 /43 /59 D 16 /-5 /- /24 /- /- C 13 /- /- /26 /11 /- Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Wedge: 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.



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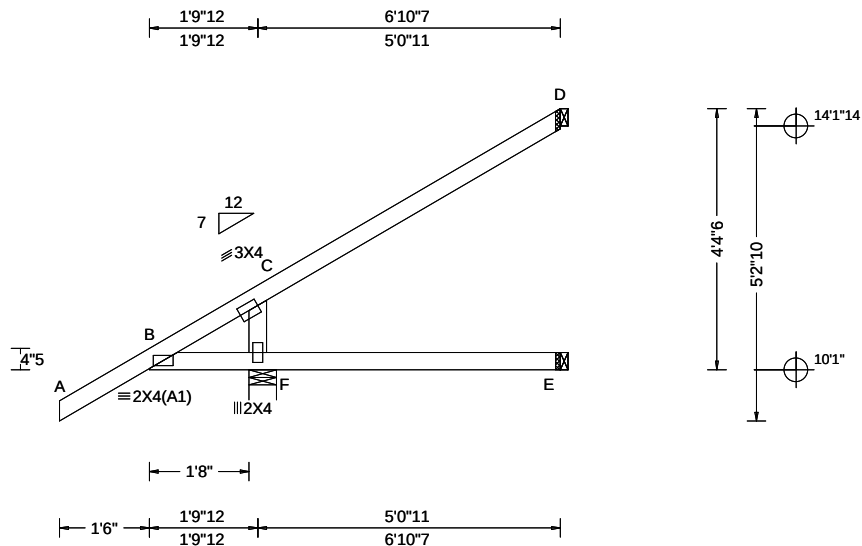
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SEQN: 97893 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J05	Cust: R 215 JRef:1YLP2150005 T16 / DrwNo: 191.26.0955.19827 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): -0.044 D - - HORZ(TL): 0.117 D - - Creep Factor: 2.0 Max TC CSI: 0.622 Max BC CSI: 0.536 Max Web CSI: 0.172 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 557 /- /- /257 /45 /166 E 70 /- /- /48 /- /- D 126 /- /- /89 /82 /- Wind reactions based on MWFRS F Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing F is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. C - F 350 -375

Lumber

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

Wind

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



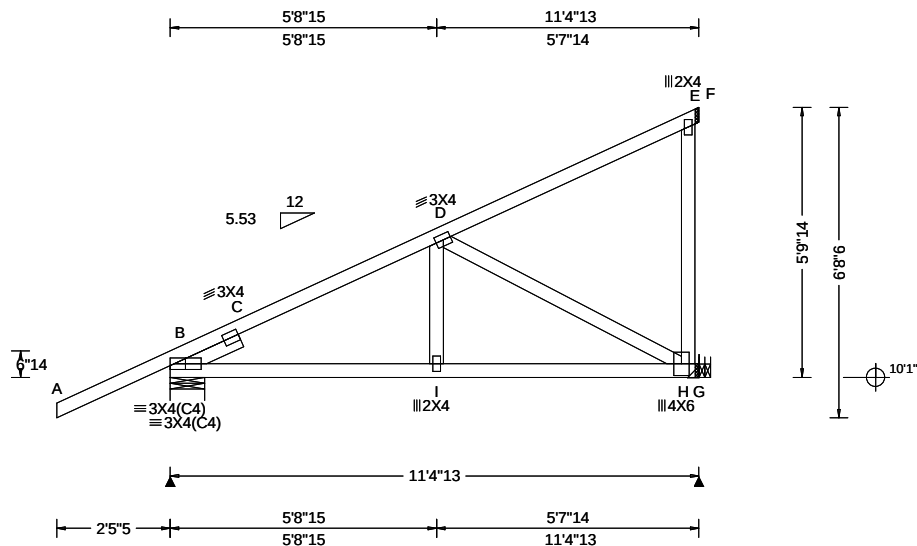
COA #0278

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SEQN: 97763 / FROM:	HIP_	Ply: 1 Qty: 2	Job Number: 26-3680 BROWN Truss Label: J05HJ	Cust: R 215 JRef: 1YLP2150005 T33 / DrwNo: 191.26.0955.22573 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: NA GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.022 C 999 240 VERT(CL): -0.044 C 999 180 HORZ(LL): -0.015 C - - HORZ(TL): 0.030 C - - Creep Factor: 2.0 Max TC CSI: 0.419 Max BC CSI: 0.312 Max Web CSI: 0.537 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 612 -/- /- /118 -/ G 842 -/- /- /133 -/ Wind reactions based on MWFRS B Brg Wid = 9.0 Min Req = 1.5 (Truss) G 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 121 -777 C - D 118 -767

Lumber

Top chord: 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.517'

Hangers / Ties

Hanger Support Required, by others

Loading

Hipjack supports 8-0-12 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

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.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - I	661 -98	I - H	655 -100

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
D - H	114 -744



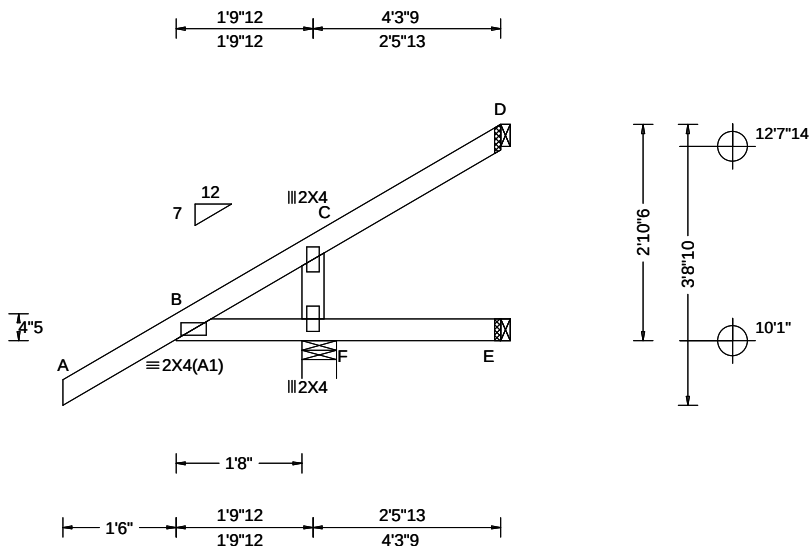
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Glenview, IL 60025

SEQN: 98008 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J06	Cust: R 215 JRef:1YLP2150005 T12 / DrwNo: 191.26.0955.22716 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): -0.074 D - - HORZ(TL): 0.092 D - - Creep Factor: 2.0 Max TC CSI: 0.428 Max BC CSI: 0.439 Max Web CSI: 0.165 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 548 /- /- /229 /59 /113 E - /-75 /- /24 /11 /- D 31 /-60 /- /32 /34 /- Wind reactions based on MWFRS F Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing F is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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



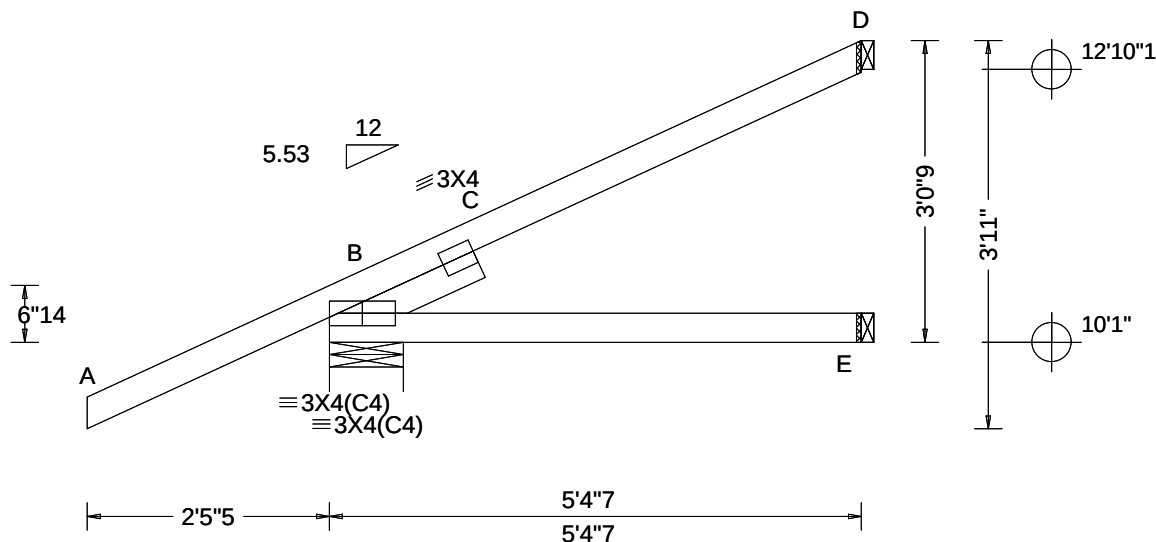
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SEQN: 97891 / FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J06HJ	Cust: R 215 JRef: 1YLP2150005 T96 / DrwNo: 191.26.0955.23778 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: NA GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.415 Max BC CSI: 0.119 Max Web CSI: 0.057 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 256 /- /- /- /59 /- E 37 /- /- /- /19 /- /- D 105 /- /- /- /38 /- Wind reactions based on MWFRS B Brg Wid = 9.0 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

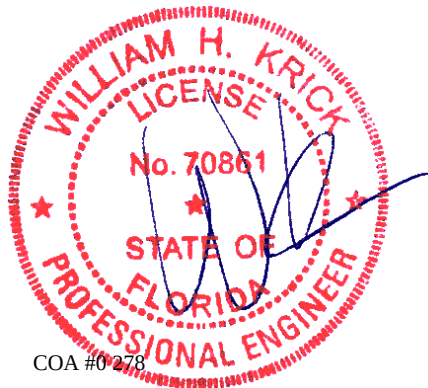
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'

Loading

Hipjack supports 3-9-9 setback jacks with no webs.

Wind

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



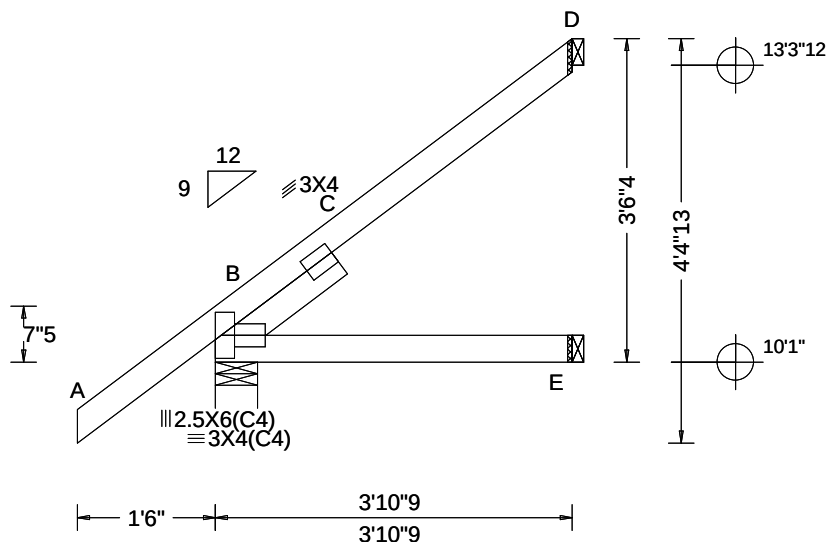
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SEQN: 97842 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J08	Cust: R 215 JRef:1YLP2150005 T60 / DrwNo: 191.26.0955.22187 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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): 0.006 C - - HORZ(TL): 0.017 C - - Creep Factor: 2.0 Max TC CSI: 0.322 Max BC CSI: 0.159 Max Web CSI: 0.151 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 308 /- /- /130 /8 /133 E 66 /- /- /45 /- /- D 90 /- /- /87 /69 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Wind

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



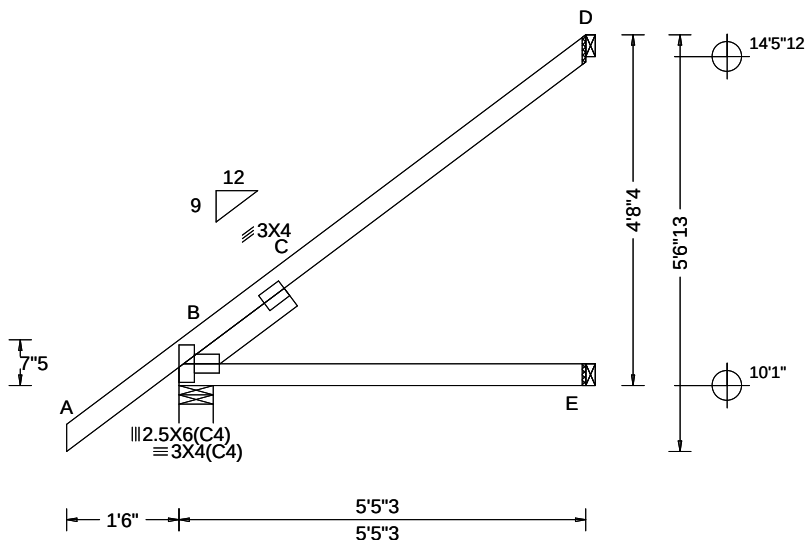
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SEQN: 97844 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J09	Cust: R 215 JRef: 1YLP2150005 T127 DrwNo: 191.26.0955.20894 GA / YK 07/10/2026
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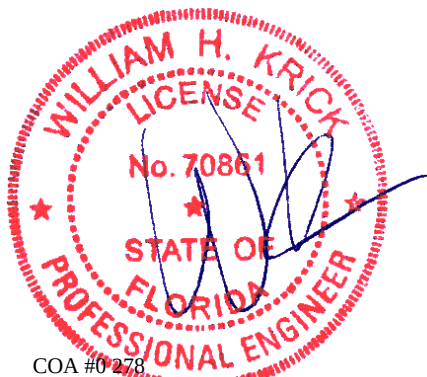
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: 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 GCp: 0.18 Wind Duration: 1.33	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): 0.031 C - - HORZ(TL): 0.073 C - - Creep Factor: 2.0 Max TC CSI: 0.628 Max BC CSI: 0.349 Max Web CSI: 0.320 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 366 /- /- /163 /0 /175 E 97 /- /- /65 /- /- D 141 /- /- /124 /98 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.679'

Wind

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



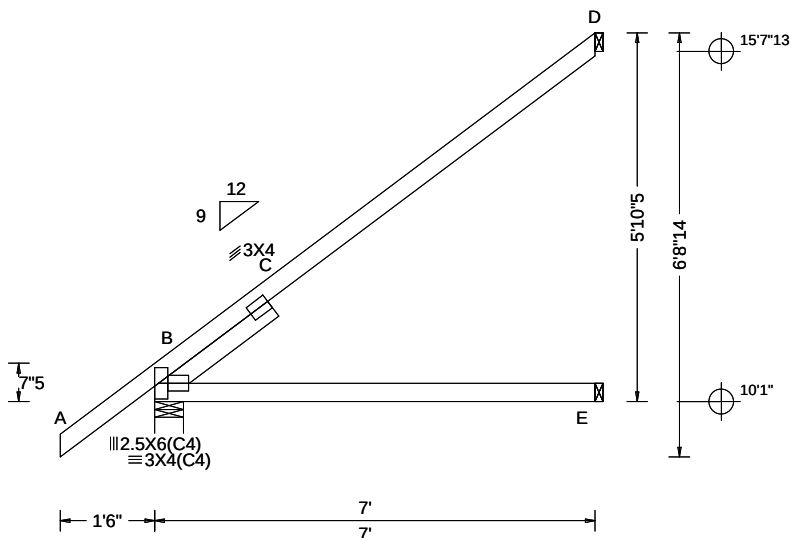
COA #0278

Florida Certificate of Product Approval #FL 1999

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

SEQN: 97688 / FROM:	EJAC Ply: 1 Qty: 12	Job Number: 26-3680 BROWN Truss Label: J10	Cust: R 215 JRef:1YLP2150005 T2 / DrwNo: 191.26.0955.19944 GA / YK 07/10/2026
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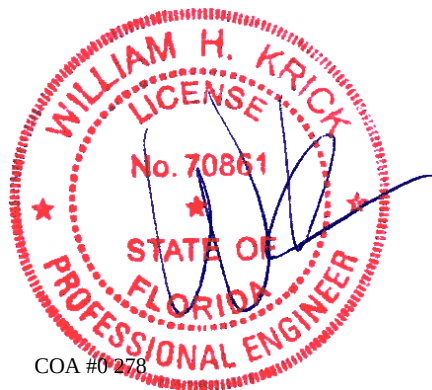
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	B	428	/-	/-	/201	/-	/216
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): NA	E	128	/-	/-	/85	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.097 C - -	D	189	/-	/-	/160	/126	/-
Des Ld: 40.00	EXP: C Kzt: NA	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	HORZ(TL): 0.199 C - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	B Brg Wid = 5.5 Min Req = 1.5 (Truss)						
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.978	E Brg Wid = 1.5 Min Req = -						
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.566	D Brg Wid = 1.5 Min Req = -						
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h		Max Web CSI: 0.495	Bearing B is a rigid surface.						
	C&C Dist a: 3.00 ft			Members not listed have forces less than 375#						
	Loc. from endwall: not in 9.00 ft			Maximum Top Chord Forces Per Ply (lbs)						
	GCpi: 0.18			Chords Tens.Comp.						
	Wind Duration: 1.33									

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 2.168'

Wind

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



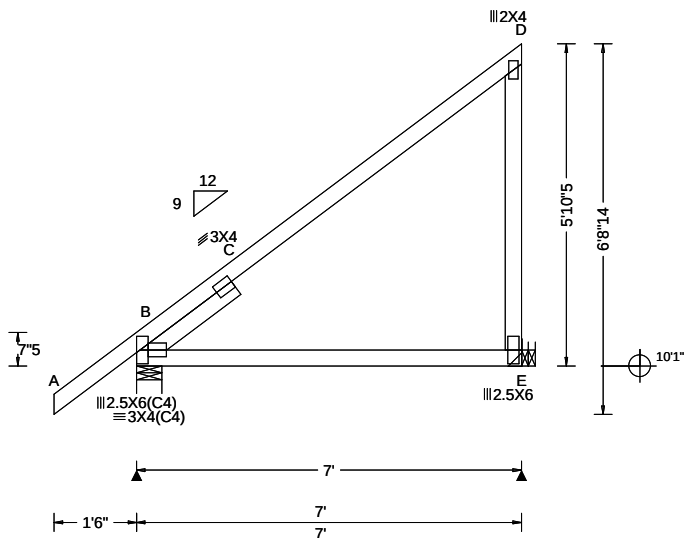
COA #0278

07/13/2026
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 97759 / FROM:	EJAC Ply: 1 Qty: 2	Job Number: 26-3680 BROWN Truss Label: J11	Cust: R 215 JRef:1YLP2150005 T38 / DrwNo: 191.26.0955.23494 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.142 C - - HORZ(TL): 0.210 C - - Creep Factor: 2.0 Max TC CSI: 0.980 Max BC CSI: 0.518 Max Web CSI: 0.588 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 428 /- /- /202 /- /156 E 272 /- /- /244 /65 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E 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. B - C 1603 - 1902

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 2.077'

Hangers / Ties

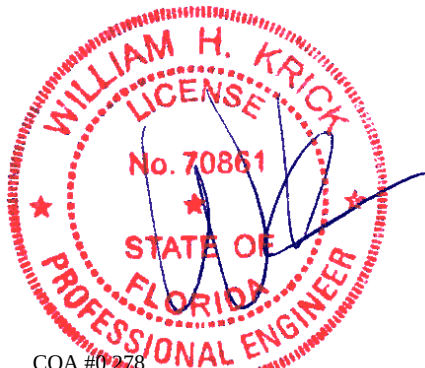
Hanger support required, by others.

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.



COA #0278

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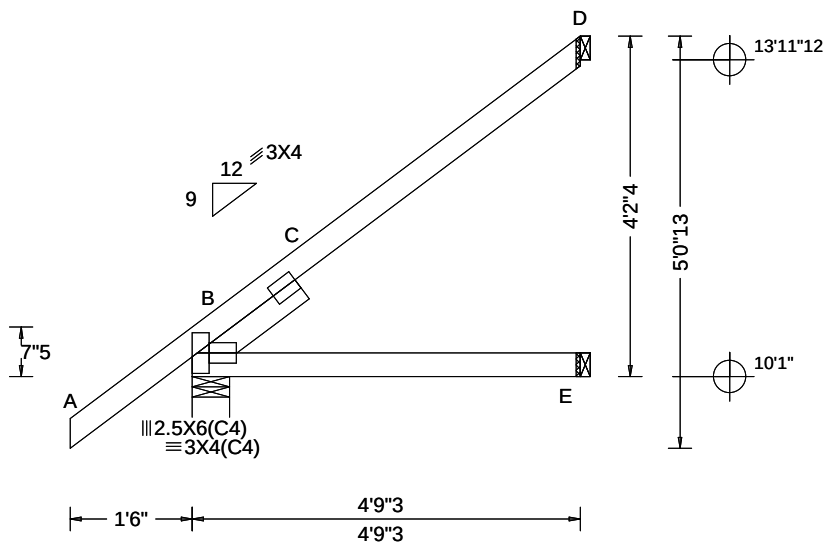
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SEQN: 97848 / FROM:	JACK Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: J13	Cust: R 215 JRef: 1YLP2150005 T25 / DrwNo: 191.26.0955.23027 GA / YK 07/10/2026
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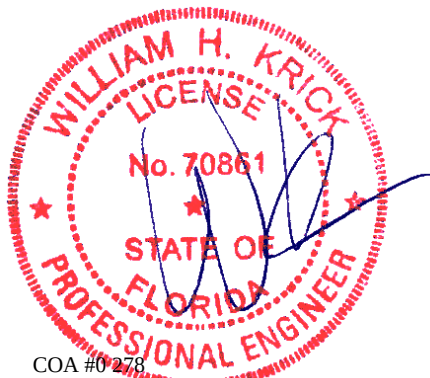
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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): 0.016 C - - HORZ(TL): 0.034 C - - Creep Factor: 2.0 Max TC CSI: 0.475 Max BC CSI: 0.255 Max Web CSI: 0.237 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 341 /- /- /148 /3 /157 E 84 /- /- /57 /- /- D 120 /- /- /108 /86 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.50'

Wind

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



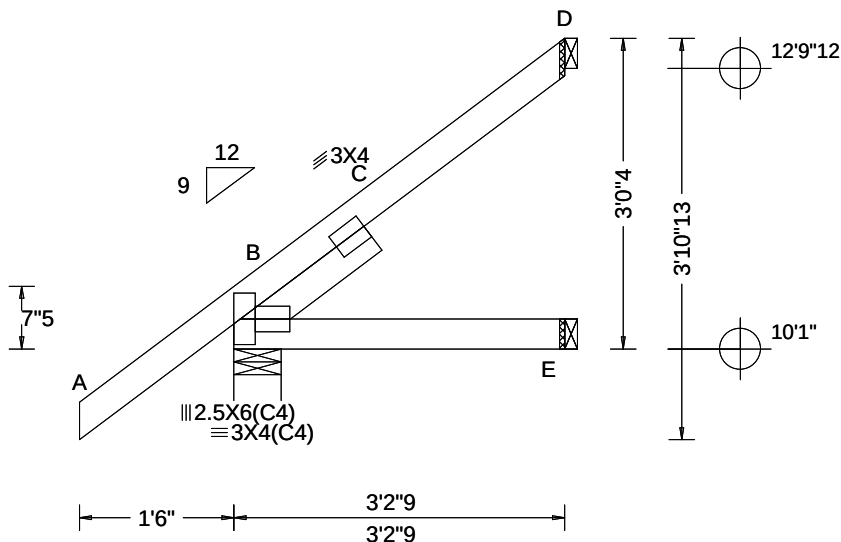
COA #0278

07/13/2026
Florida Certificate of Product Approval #FL 1999

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

SEQN: 97850 / FROM:	JACK Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: J14	Cust: R 215 JRef:1YLP2150005 T51 / DrwNo: 191.26.0955.20176 GA / YK 07/10/2026
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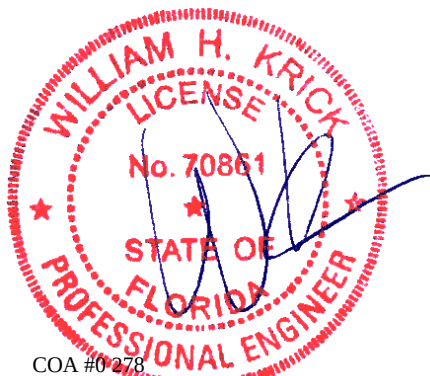
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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 C - - HORZ(TL): 0.013 C - - Creep Factor: 2.0 Max TC CSI: 0.307 Max BC CSI: 0.095 Max Web CSI: 0.101 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 286 /- /- /116 /12 /116 E 52 /- /- /36 /- /- D 66 /- /- /72 /56 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Wind

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



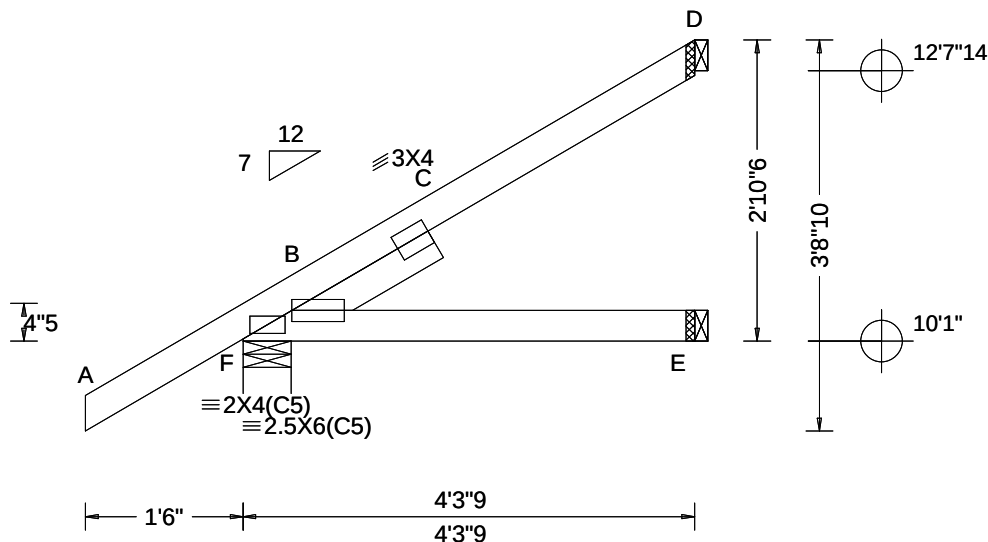
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 97990 / FROM:	JACK Ply: 1 Qty: 3	Job Number: 26-3680 BROWN Truss Label: J16	Cust: R 215 JRef: 1YLP2150005 T90 / DrwNo: 191.26.0955.21454 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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 C - - HORZ(TL): 0.017 C - - Creep Factor: 2.0 Max TC CSI: 0.382 Max BC CSI: 0.137 Max Web CSI: 0.133 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 320 /- /- /133 /37 /113 E 70 /- /- /46 /- /- D 97 /- /- /76 /55 /- Wind reactions based on MWFRS F Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing F is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Wind

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



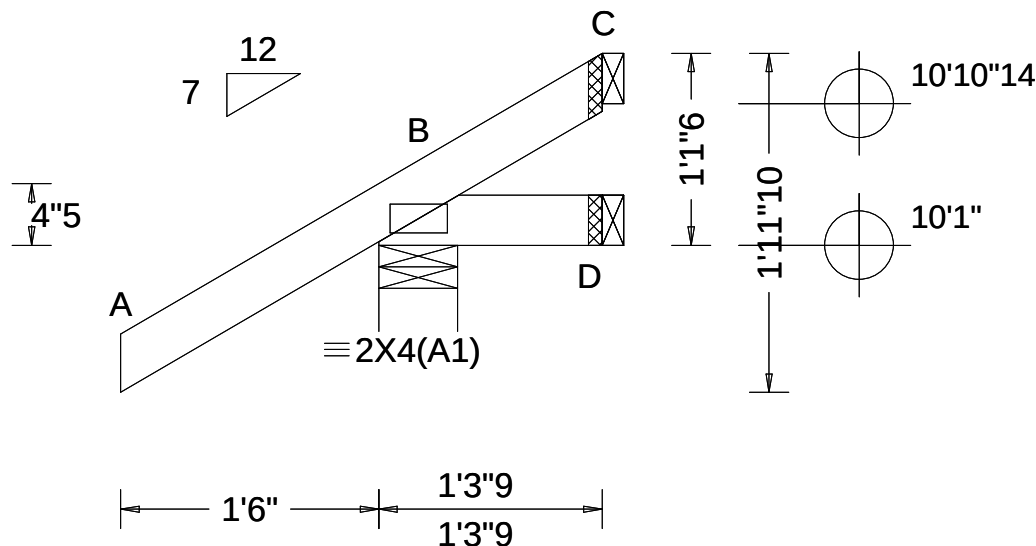
COA #0278

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

SEQN: 96725 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J17	Cust: R 215 JRef: 1YLP2150005 T103 DrwNo: 191.26.0955.20260 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.270 Max BC CSI: 0.052 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 242 /- /- /77 /50 /50 D 12 /-9 /- /17 /- /- C - /-23 /- /28 /6 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.



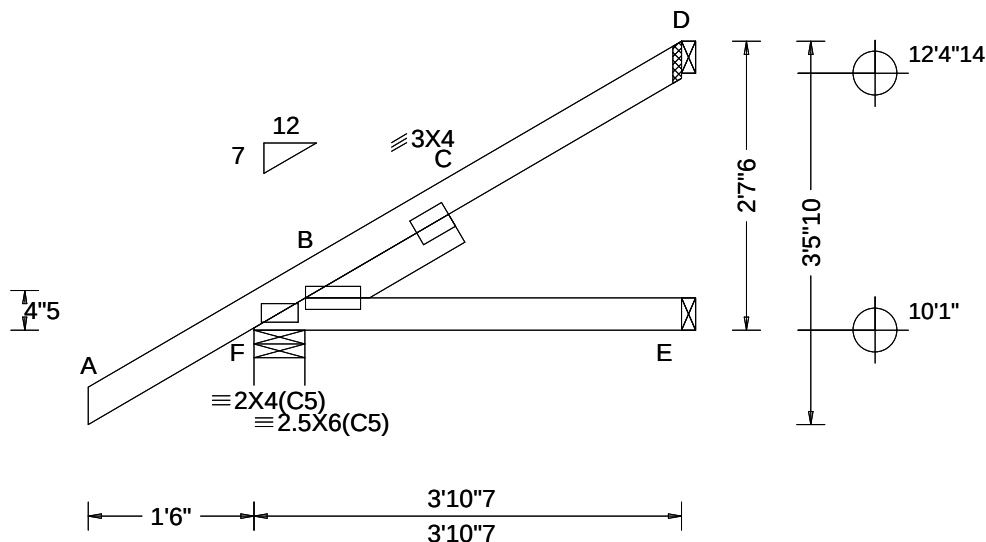
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Glenview, IL 60025

SEQN: 97941 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J18	Cust: R 215 JRef:1YLP2150005 T36 / DrwNo: 191.26.0955.21524 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.006 C - - HORZ(TL): 0.012 C - - Creep Factor: 2.0 Max TC CSI: 0.374 Max BC CSI: 0.103 Max Web CSI: 0.103 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 305 /- /- /125 /14 /74 E 61 /- /- /41 /- /- D 82 /- /- /68 /31 /- Wind reactions based on MWFRS F Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing F is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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



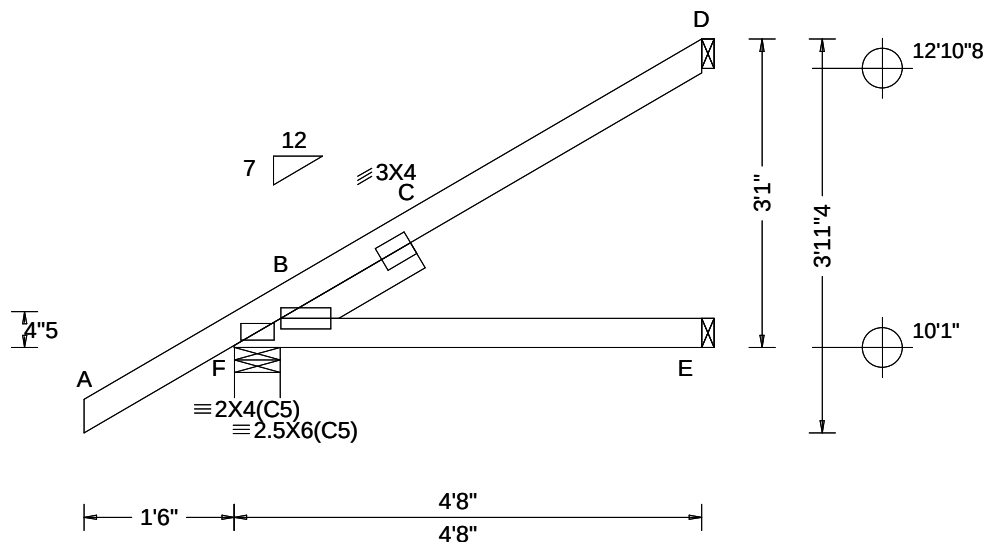
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SEQN: 97943 / FROM:	EJAC	Ply: 1 Qty: 2	Job Number: 26-3680 BROWN Truss Label: J19	Cust: R 215 JRef:1YLP2150005 T71 / DrwNo: 191.26.0955.21639 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.010 C - - HORZ(TL): 0.022 C - - Creep Factor: 2.0 Max TC CSI: 0.389 Max BC CSI: 0.171 Max Web CSI: 0.160 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 333 /- /- /141 /7 /86 E 77 /- /- /50 /- /- D 109 /- /- /83 /39 /- Wind reactions based on MWFRS F Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing F is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Wind

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



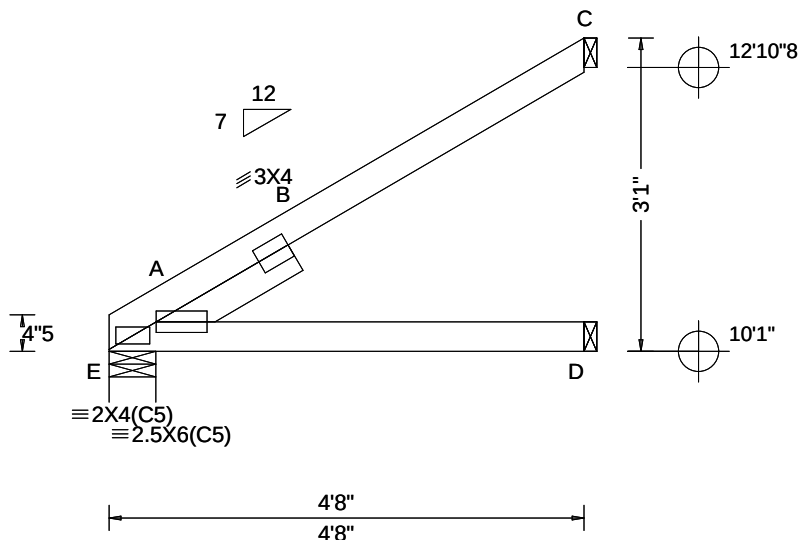
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SEQN: 98043 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J20	Cust: R 215 JRef: 1YLP2150005 T4 / DrwNo: 191.26.0955.22907 GA / YK 07/10/2026
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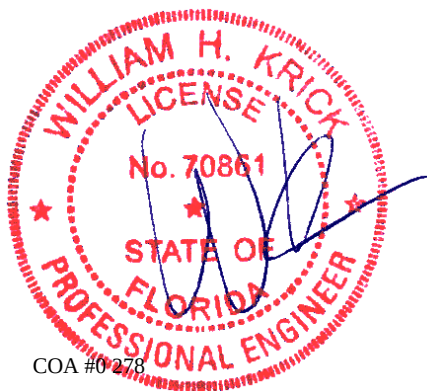
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.017 B - - HORZ(TL): 0.035 B - - Creep Factor: 2.0 Max TC CSI: 0.364 Max BC CSI: 0.230 Max Web CSI: 0.194 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 207 /- /- /129 /- /69 D 81 /- /- /51 /- /- C 123 /- /- /83 /41 /- Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Wind

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



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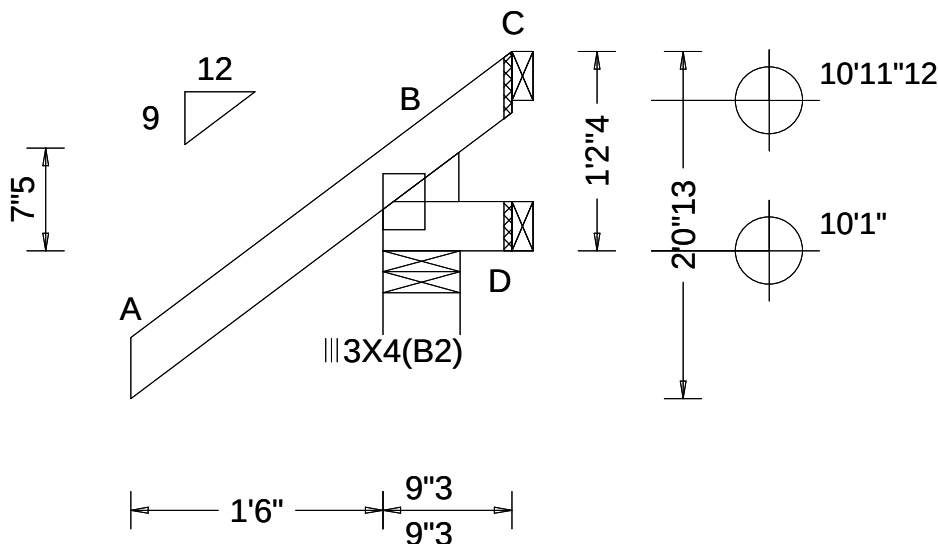
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SEQN: 97692 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J21	Cust: R 215 JRef: 1YLP2150005 T22 / DrwNo: 191.26.0955.21474 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.362 Max BC CSI: 0.043 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 250 /- /- /75 /60 /52 D - /-34 /- /20 /3 /- C - /-46 /- /28 /8 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

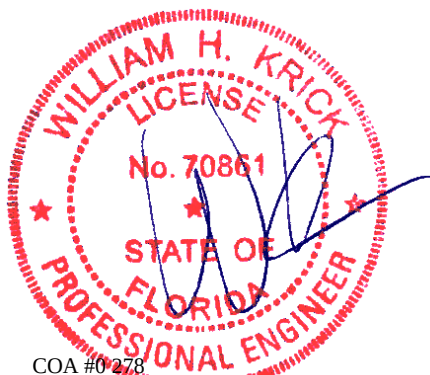
Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Wedge: 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.



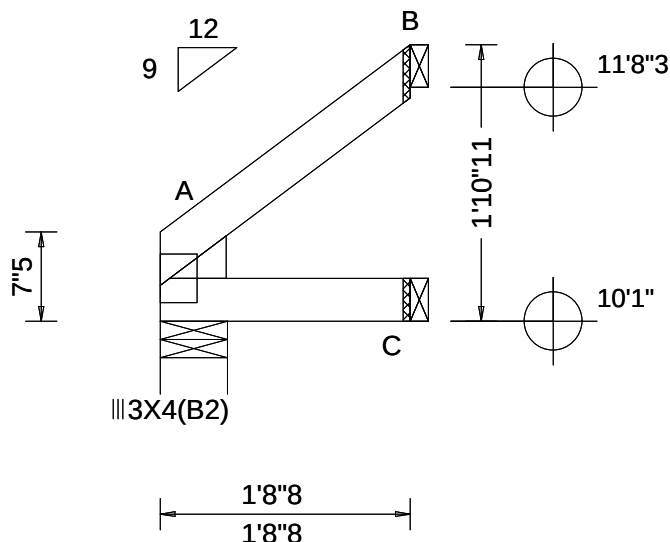
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Glenview, IL 60025

SEQN: 97939 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: J22	Cust: R 215 JRef: 1YLP2150005 T80 / DrwNo: 191.26.0955.22732 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.000 A - - HORZ(TL): 0.001 A - - Creep Factor: 2.0 Max TC CSI: 0.075 Max BC CSI: 0.058 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 74 /- /- /42 /- /43 C 32 /- /- /23 /1 /- B 48 /- /- /40 /31 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = 1.5 Min Req = - B Brg Wid = 1.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

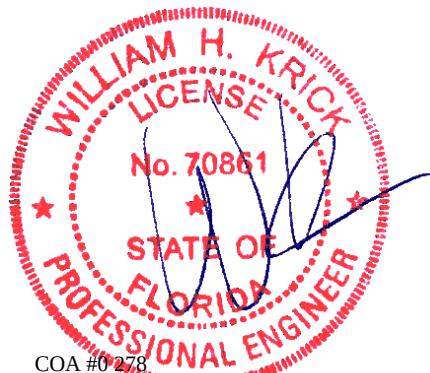
Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Wedge: 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.



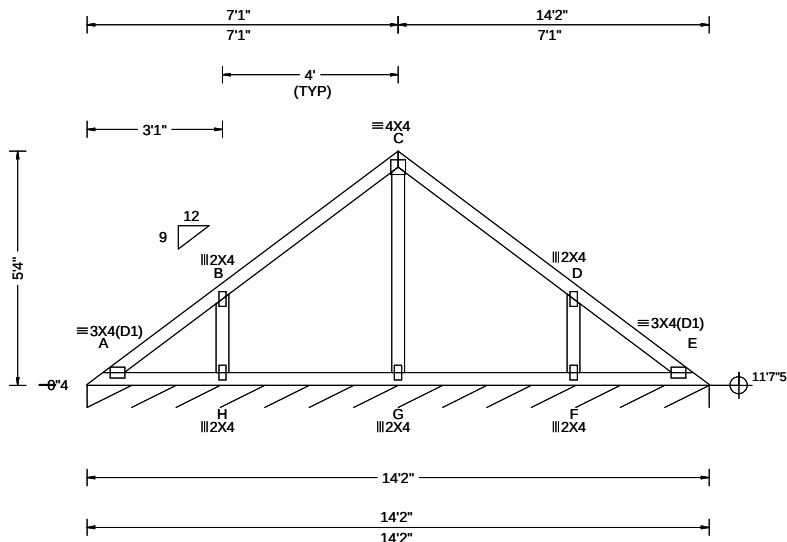
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Glenview, IL 60025

SEQN: 96610 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V01	Cust: R 215 JRef: 1YLP2150005 T81 / DrwNo: 191.26.0955.22014 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 A 999 240 VERT(CL): 0.003 A 999 180 HORZ(LL): -0.001 E - - HORZ(TL): 0.002 B - - Creep Factor: 2.0 Max TC CSI: 0.258 Max BC CSI: 0.109 Max Web CSI: 0.099 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 85 /- /- /46 /11 /10 Wind reactions based on MWFRS E Brg Wid = 170 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.



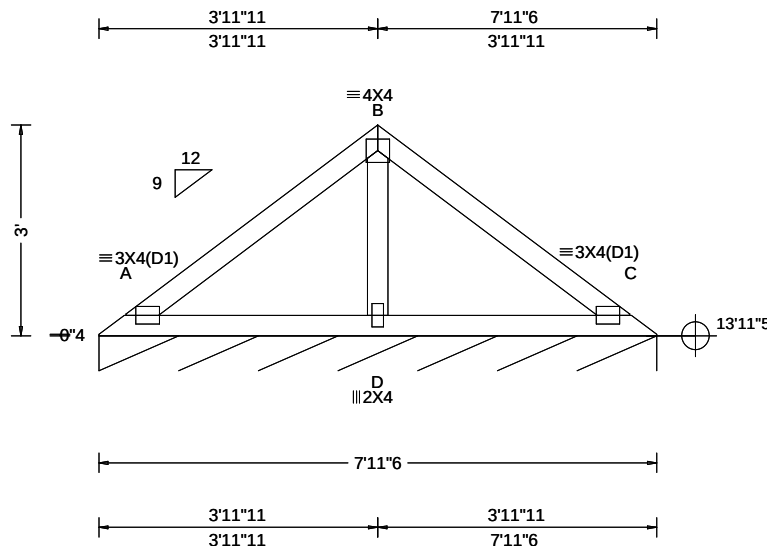
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SEQN: 96606 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V03	Cust: R 215 JRef:1YLP2150005 T123 DrwNo: 191.26.0955.23334 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.60 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: 1.33	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): 0.006 A 999 240 VERT(CL): 0.012 A 999 180 HORZ(LL): -0.003 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.245 Max BC CSI: 0.178 Max Web CSI: 0.107 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 85 /- /- /45 /10 /10 Wind reactions based on MWFRS C Brg Wid = 95.4 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 300 -381

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.



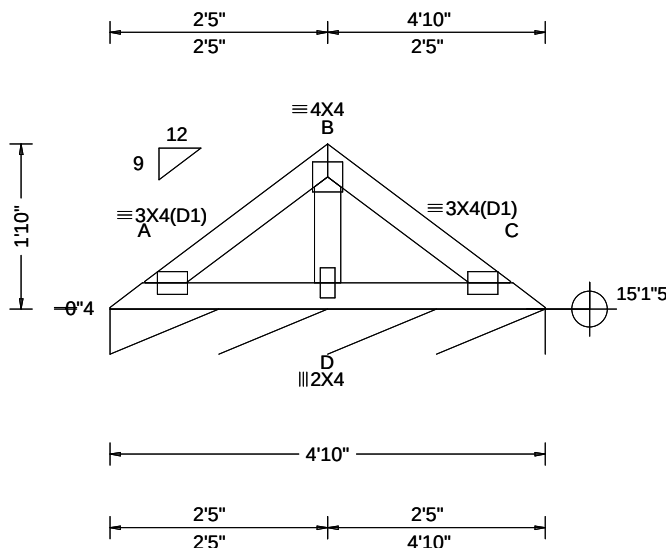
COA #0278

07/13/2026
Florida Certificate of Product Approval #FL 1999

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SEQN: 96604 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V04	Cust: R 215 JRef: 1YLP2150005 T125 DrwNo: 191.26.0955.21560 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 16.18 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 A 999 240 VERT(CL): 0.003 A 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.085 Max BC CSI: 0.059 Max Web CSI: 0.058 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /43 /8 /9 Wind reactions based on MWFRS C Brg Wid = 58.0 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.



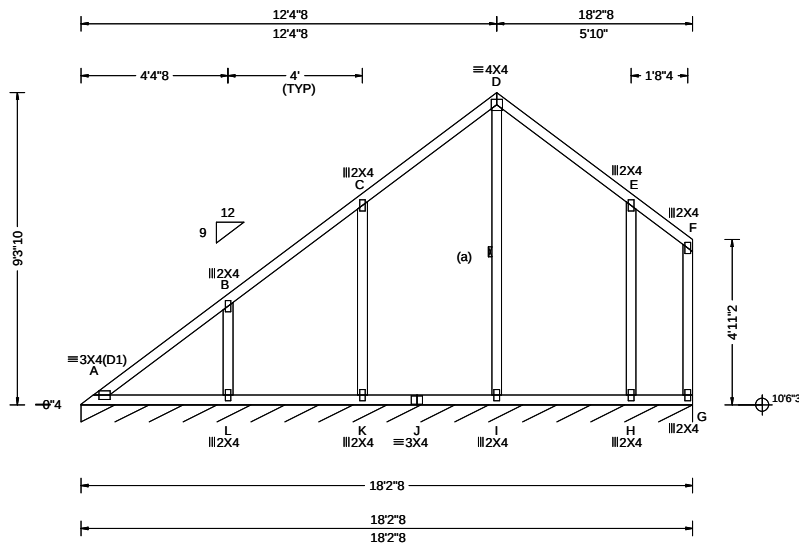
COA #0278

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SEQN: 96628 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V05	Cust: R 215 JRef: 1YLP2150005 T82 / DrwNo: 191.26.0955.20714 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.32 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.007 A 999 240 VERT(CL): 0.014 A 999 180 HORZ(LL): 0.003 A - - HORZ(TL): 0.009 E - - Creep Factor: 2.0 Max TC CSI: 0.221 Max BC CSI: 0.182 Max Web CSI: 0.206 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 85 /- /- /52 /- /14 Wind reactions based on MWFRS G Brg Wid = 218 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;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Wind

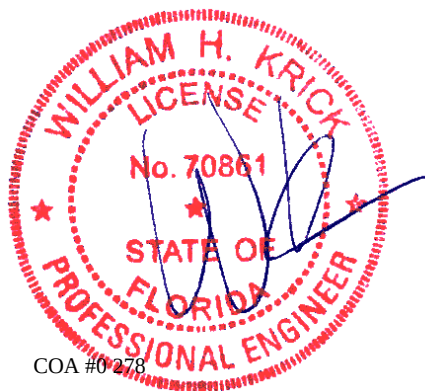
Wind loads based on MWFRS with additional C&C member design.

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.



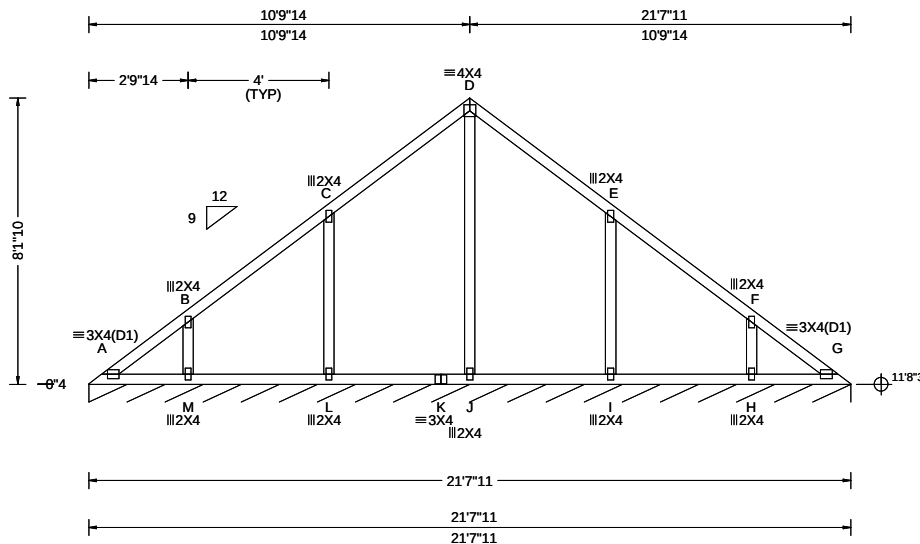
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SEQN: 96626 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V06	Cust: R 215 JRef: 1YLP2150005 T104 DrwNo: 191.26.0955.22780 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.90 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.002 G 999 240 VERT(CL): 0.002 G 999 180 HORZ(LL): 0.001 F - - HORZ(TL): 0.006 E - - Creep Factor: 2.0 Max TC CSI: 0.220 Max BC CSI: 0.113 Max Web CSI: 0.220 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 85 /- /- /46 /0 /11 Wind reactions based on MWFRS G Brg Wid = 259 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

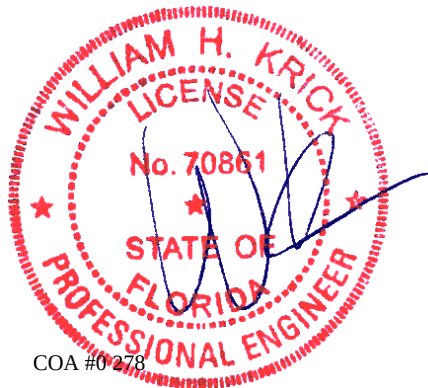
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



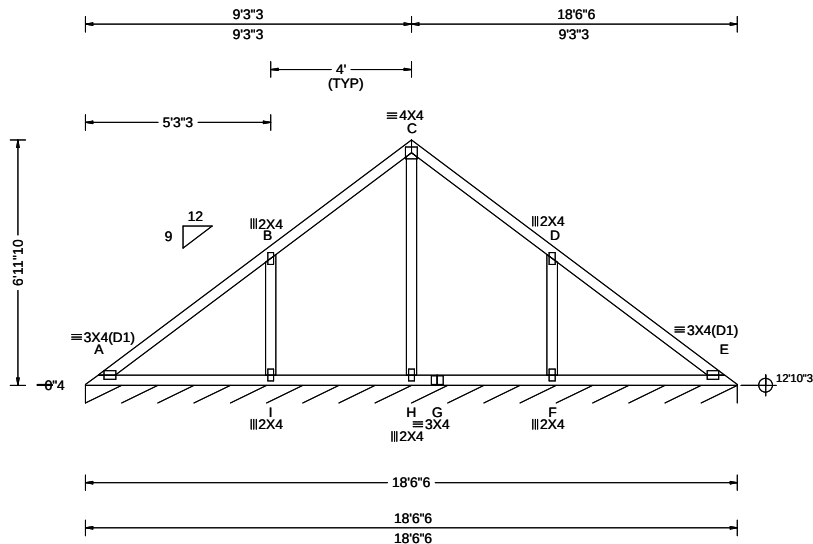
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SEQN: 96624 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V07	Cust: R 215 JRef: 1YLP2150005 T107 DrwNo: 191.26.0955.21655 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 16.49 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.011 E 999 240 VERT(CL): 0.023 E 999 180 HORZ(LL): 0.005 A - - HORZ(TL): 0.010 A - - Creep Factor: 2.0 Max TC CSI: 0.410 Max BC CSI: 0.226 Max Web CSI: 0.278 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 85 /- /- /46 /1 /11 Wind reactions based on MWFRS E Brg Wid = 222 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.



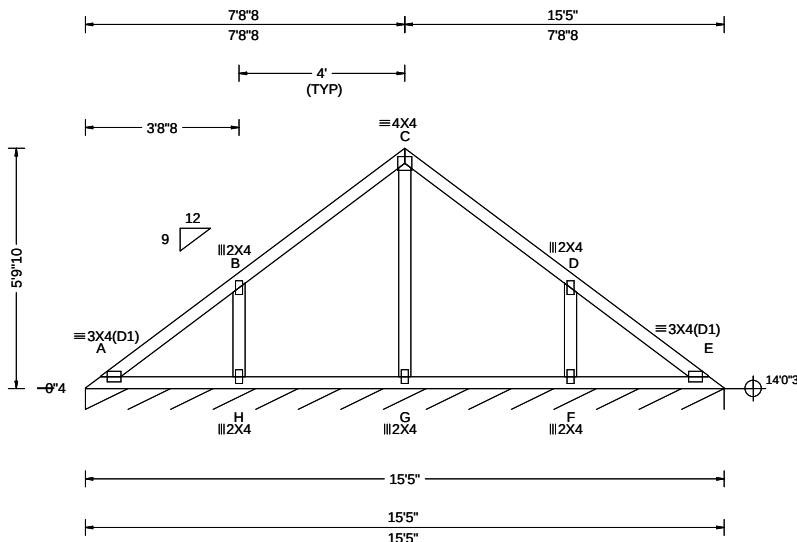
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Glenview, IL 60025

SEQN: 96620 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V08	Cust: R 215 JRef: 1YLP2150005 T108 DrwNo: 191.26.0955.22274 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.07 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.004 A 999 240 VERT(CL): 0.007 A 999 180 HORZ(LL): -0.002 E - - HORZ(TL): 0.003 E - - Creep Factor: 2.0 Max TC CSI: 0.269 Max BC CSI: 0.130 Max Web CSI: 0.134 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 85 /- /- /46 /1 /10 Wind reactions based on MWFRS E Brg Wid = 185 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

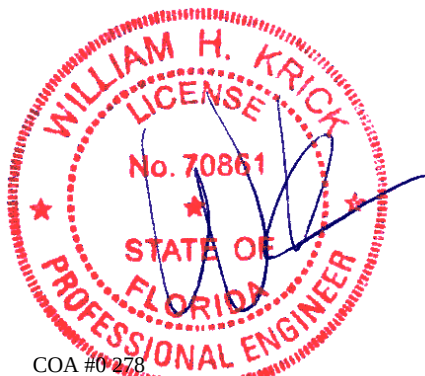
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



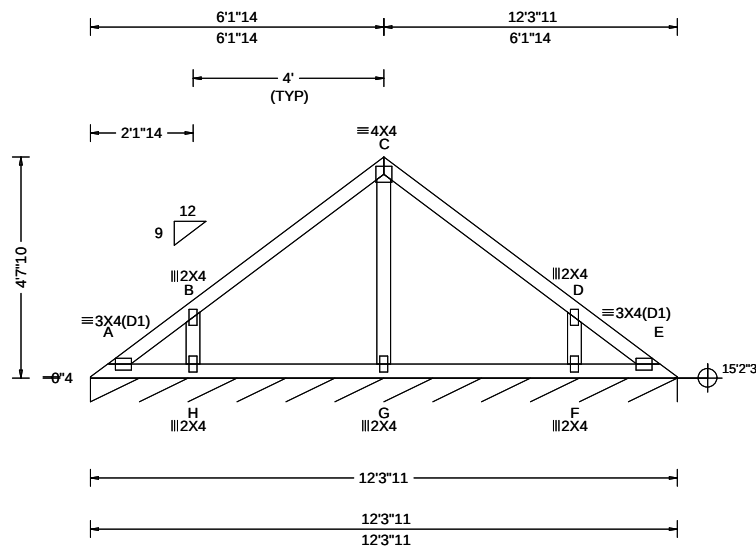
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SEQN: 96618 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V09	Cust: R 215 JRef: 1YLP2150005 T109 DrwNo: 191.26.0955.22764 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.65 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): -0.000 A - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.215 Max BC CSI: 0.117 Max Web CSI: 0.100 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 85 /- /- /45 /1 /10 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#

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.



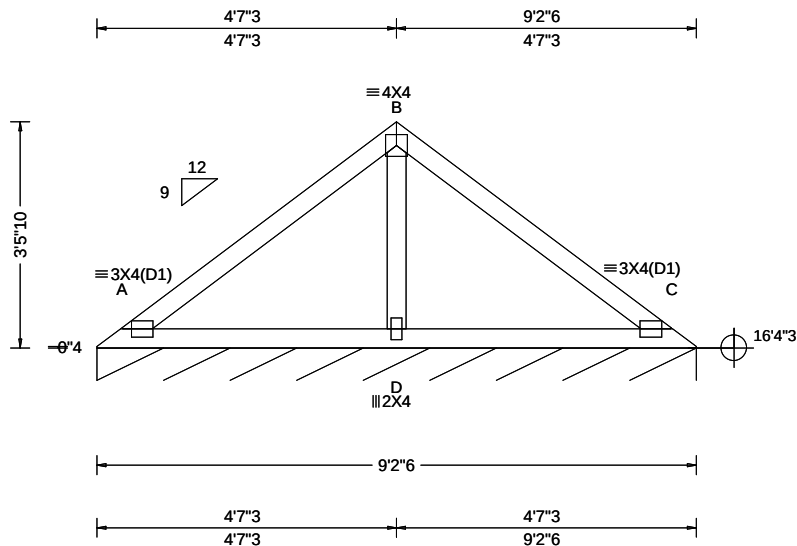
COA #0 278

07/13/2026
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SEQN: 96616 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V10	Cust: R 215 JRef:1YLP2150005 T110 DrwNo: 191.26.0955.21964 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 18.24 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.009 C 999 240 VERT(CL): 0.019 C 999 180 HORZ(LL): -0.005 C - - HORZ(TL): 0.010 C - - Creep Factor: 2.0 Max TC CSI: 0.315 Max BC CSI: 0.247 Max Web CSI: 0.126 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 85 /- /- /45 /1 /10 Wind reactions based on MWFRS C Brg Wid = 110 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 353 -481

Lumber

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

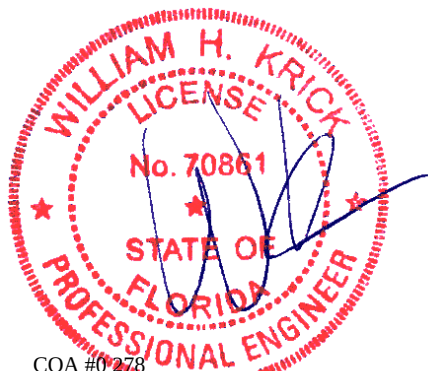
Wind

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.



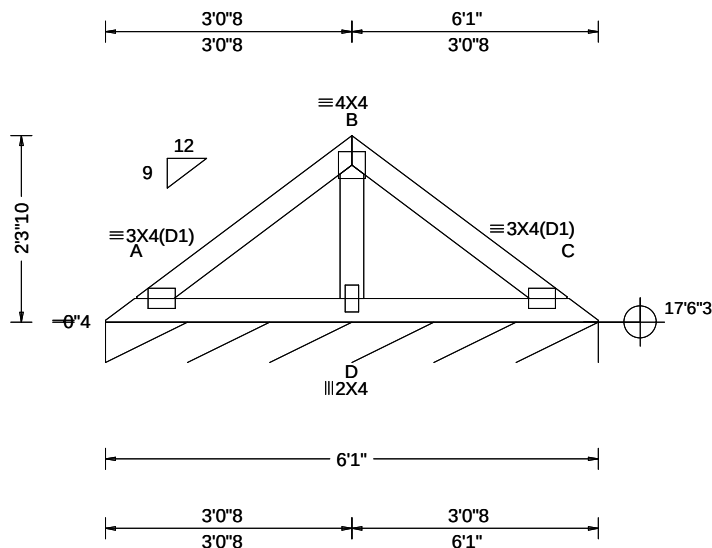
COA #0278

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SEQN: 96614 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V11	Cust: R 215 JRef: 1YLP2150005 T111 DrwNo: 191.26.0955.23159 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 18.82 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.003 A 999 240 VERT(CL): 0.005 A 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.154 Max BC CSI: 0.103 Max Web CSI: 0.085 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /43 /0 /9 Wind reactions based on MWFRS C Brg Wid = 73.0 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;

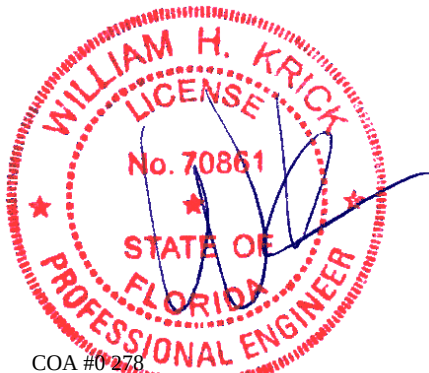
Wind

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.



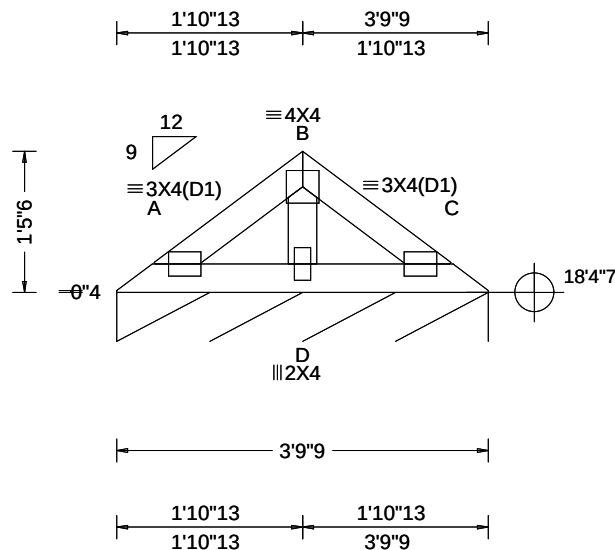
COA #0278

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SEQN: 96612 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V12	Cust: R 215 JRef: 1YLP2150005 T112 DrwNo: 191.26.0955.23128 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 19.25 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.045 Max BC CSI: 0.032 Max Web CSI: 0.039 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /41 /6 /8 Wind reactions based on MWFRS C Brg Wid = 45.6 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

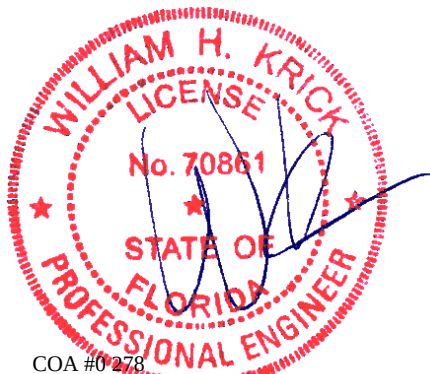
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



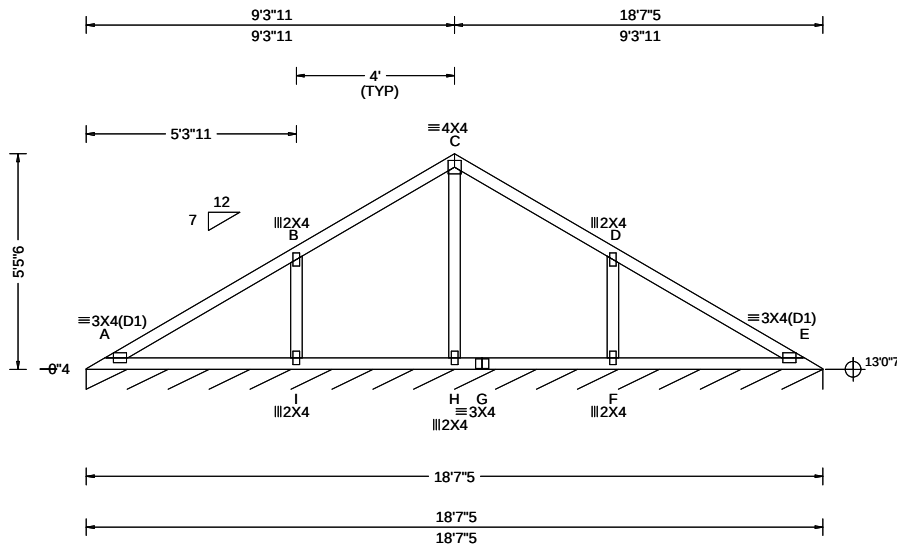
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SEQN: 98418 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V14	Cust: R 215 JRef: 1YLP2150005 T98 / DrwNo: 191.26.0955.20656 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.92 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: 1.33	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 E 999 240 VERT(CL): 0.027 E 999 180 HORZ(LL): 0.005 A - - HORZ(TL): 0.011 A - - Creep Factor: 2.0 Max TC CSI: 0.396 Max BC CSI: 0.227 Max Web CSI: 0.174 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 83 /- /- /43 /12 /7 Wind reactions based on MWFRS E Brg Wid = 223 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

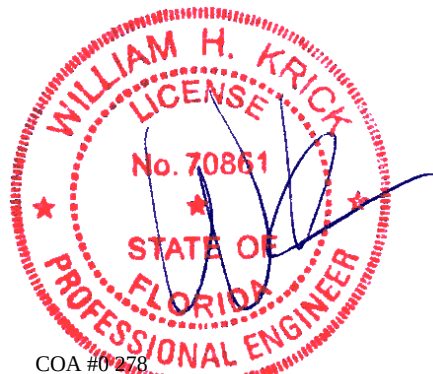
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



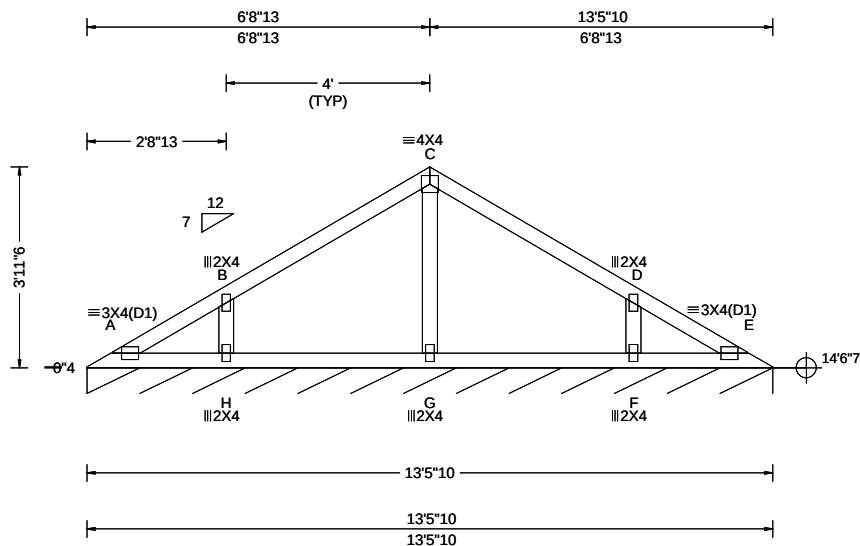
COA #0278

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SEQN: 98414 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V15	Cust: R 215 JRef: 1YLP2150005 T28 / DrwNo: 191.26.0955.21484 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 16.67 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 E 999 240 VERT(CL): 0.001 A 999 180 HORZ(LL): -0.000 A - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.204 Max BC CSI: 0.112 Max Web CSI: 0.076 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 83 /- /- /42 /12 /7 Wind reactions based on MWFRS E Brg Wid = 161 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.



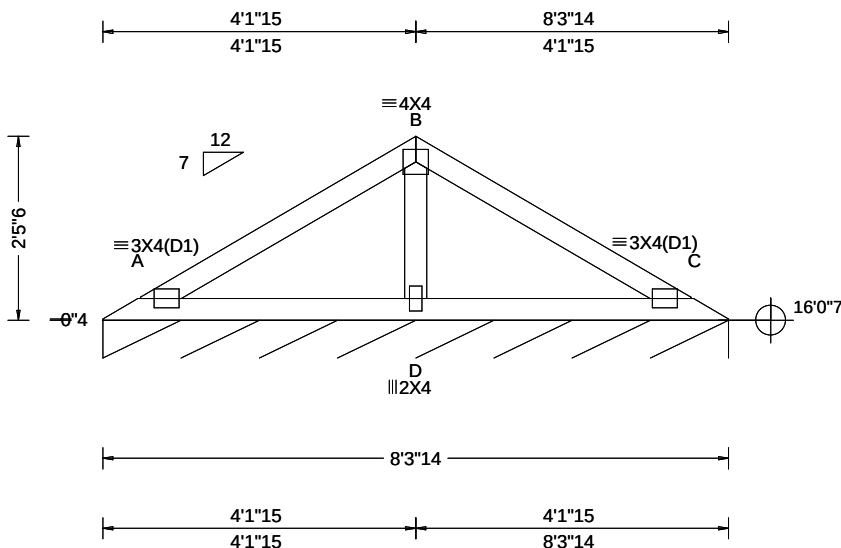
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Glenview, IL 60025

SEQN: 98412 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V16	Cust: R 215 JRef: 1YLP2150005 T31 / DrwNo: 191.26.0955.23666 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.42 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.012 C 999 240 VERT(CL): 0.015 C 999 180 HORZ(LL): -0.005 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.218 Max BC CSI: 0.189 Max Web CSI: 0.104 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 83 /- /- /41 /1 /7 Wind reactions based on MWFRS C Brg Wid = 99.9 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 291 -397

Lumber

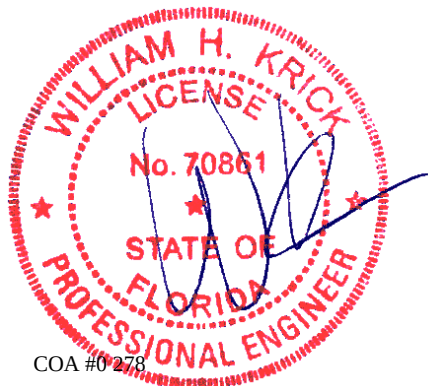
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



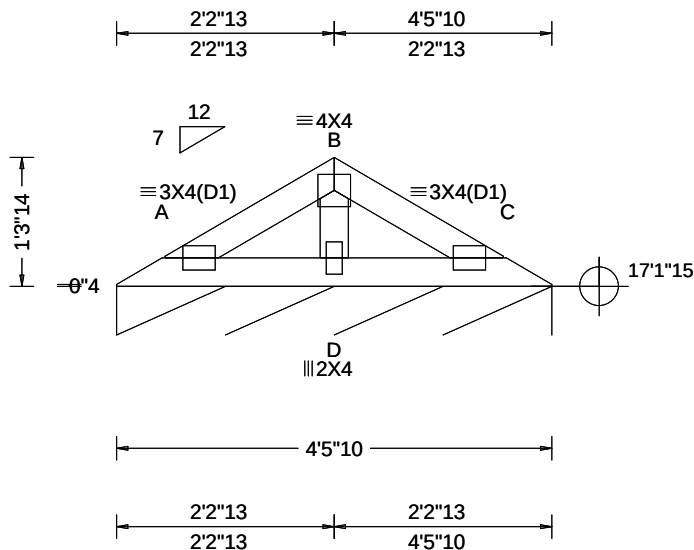
COA #0278

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SEQN: 98424 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V17	Cust: R 215 JRef: 1YLP2150005 T26 / DrwNo: 191.26.0955.22435 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.98 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 A 999 240 VERT(CL): 0.002 A 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.048 Max BC CSI: 0.040 Max Web CSI: 0.044 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 82 /- /- /39 /- /6 Wind reactions based on MWFRS C Brg Wid = 53.6 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.



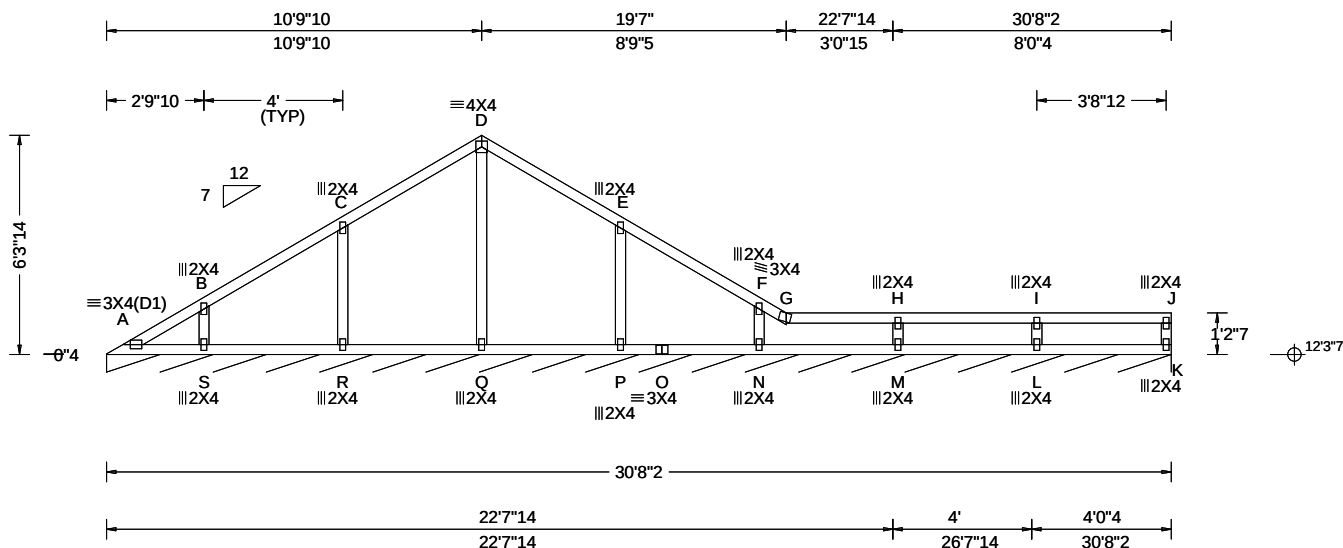
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SEQN: 97937 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V18	Cust: R 215 JRef: 1YLP2150005 T74 / DrwNo: 191.26.0955.21996 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.60 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.07 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.003 G 999 240 VERT(CL): 0.007 G 999 180 HORZ(LL): -0.001 J - - HORZ(TL): 0.006 E - - Creep Factor: 2.0 Max TC CSI: 0.213 Max BC CSI: 0.120 Max Web CSI: 0.150 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K* 83 /- /- /43 /5 /5 Wind reactions based on MWFRS K Brg Wid = 368 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;

Purlins

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

Wind

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

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.



COA #0278

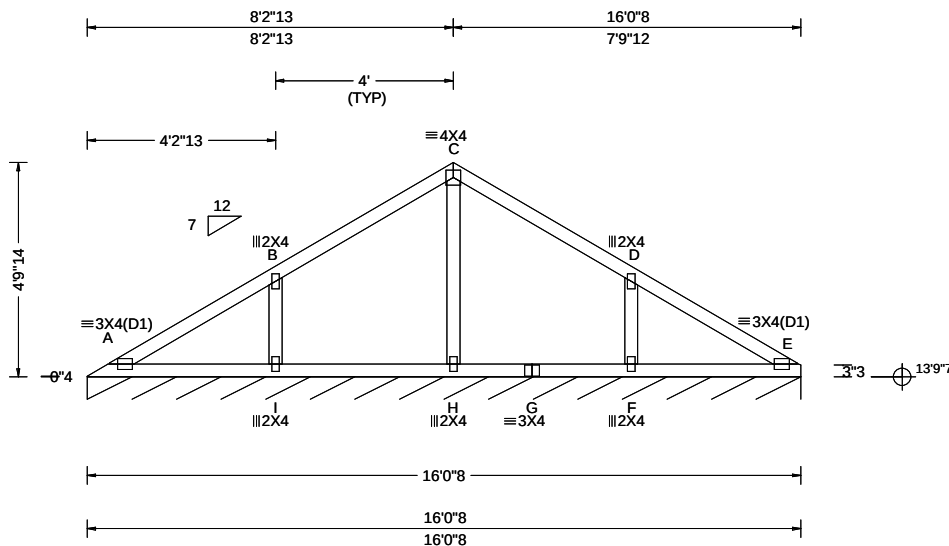
07/13/2026
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155 Harlem Ave
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Glenview, IL 60025

SEQN: 97678 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V19	Cust: R 215 JRef: 1YLP2150005 T69 / DrwNo: 191.26.0955.22134 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 16.35 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.006 A 999 240 VERT(CL): 0.013 A 999 180 HORZ(LL): 0.002 A - - HORZ(TL): 0.004 A - - Creep Factor: 2.0 Max TC CSI: 0.288 Max BC CSI: 0.166 Max Web CSI: 0.090 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 83 /- /- /43 /1 /7 Wind reactions based on MWFRS E Brg Wid = 192 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.



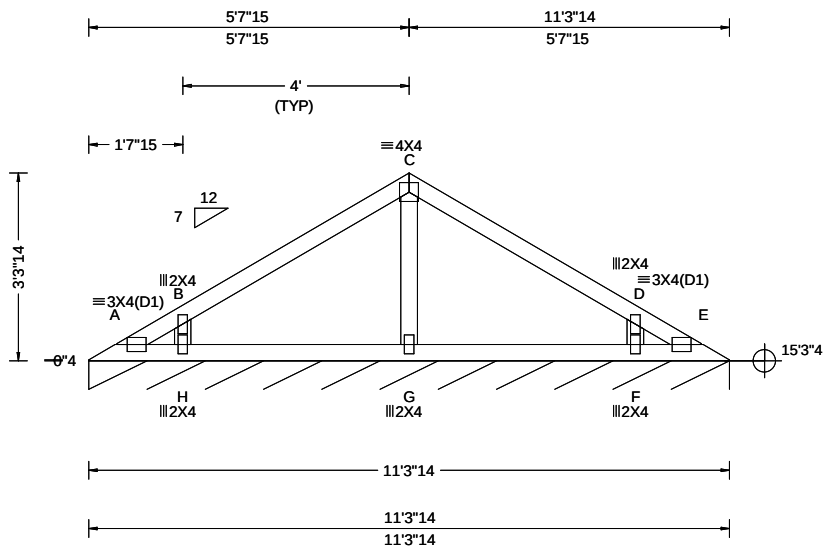
COA #0278

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SEQN: 76790 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V20	Cust: R 215 JRef:1YLP2150005 T105 DrwNo: 191.26.0955.22616 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.09 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): -0.000 A - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.204 Max BC CSI: 0.118 Max Web CSI: 0.097 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 83 /- /- /42 /1 /7 Wind reactions based on MWFRS E Brg Wid = 135 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

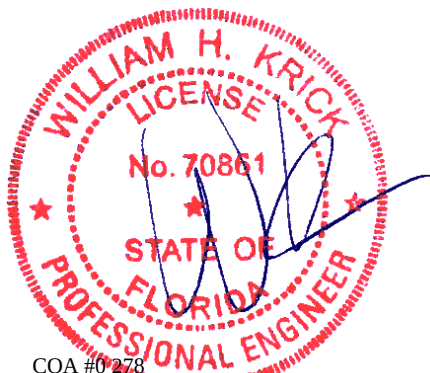
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



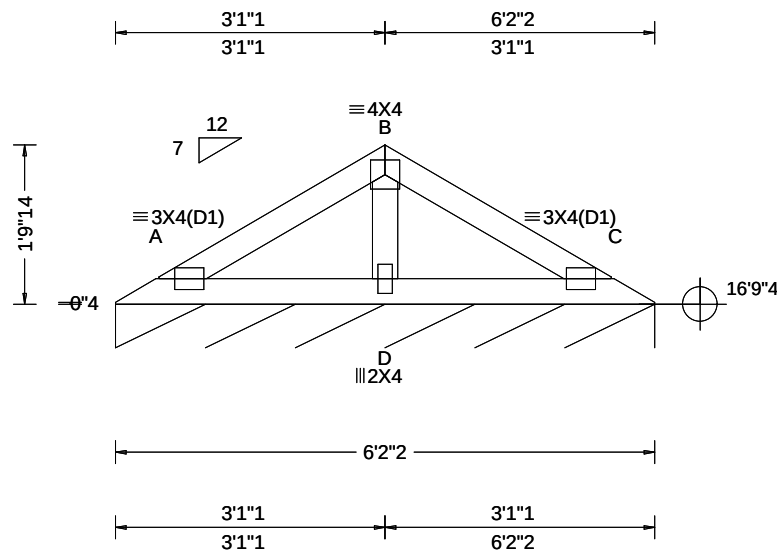
COA #0278

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SEQN: 76788 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V21	Cust: R 215 JRef: 1YLP2150005 T106 DrwNo: 191.26.0955.23349 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.84 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.003 A 999 240 VERT(CL): 0.006 A 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.108 Max BC CSI: 0.094 Max Web CSI: 0.076 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 83 /- /- /40 /0 /6 Wind reactions based on MWFRS C Brg Wid = 74.1 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

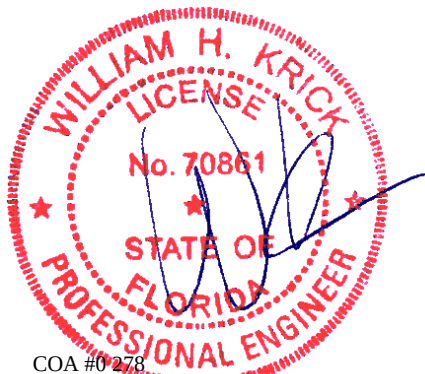
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Wind

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

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.



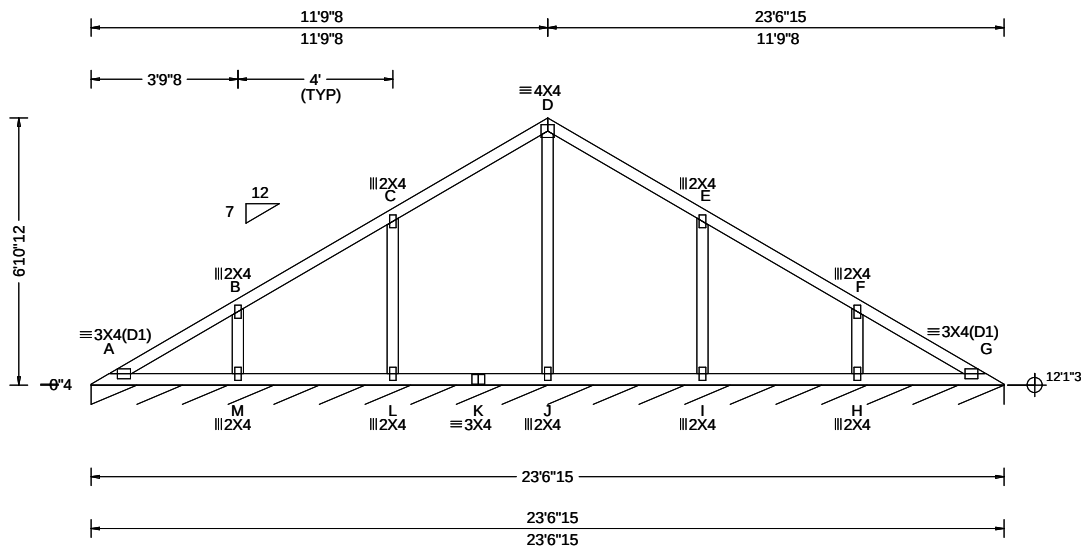
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SEQN: 96650 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V22	Cust: R 215 JRef: 1YLP2150005 T37 / DrwNo: 191.26.0955.21765 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.70 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.33	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): 0.005 G 999 240 VERT(CL): 0.010 G 999 180 HORZ(LL): -0.002 G - - HORZ(TL): 0.003 G - - Creep Factor: 2.0 Max TC CSI: 0.207 Max BC CSI: 0.146 Max Web CSI: 0.193 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 83 /- /- /43 /1 /7 Wind reactions based on MWFRS G Brg Wid = 282 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.



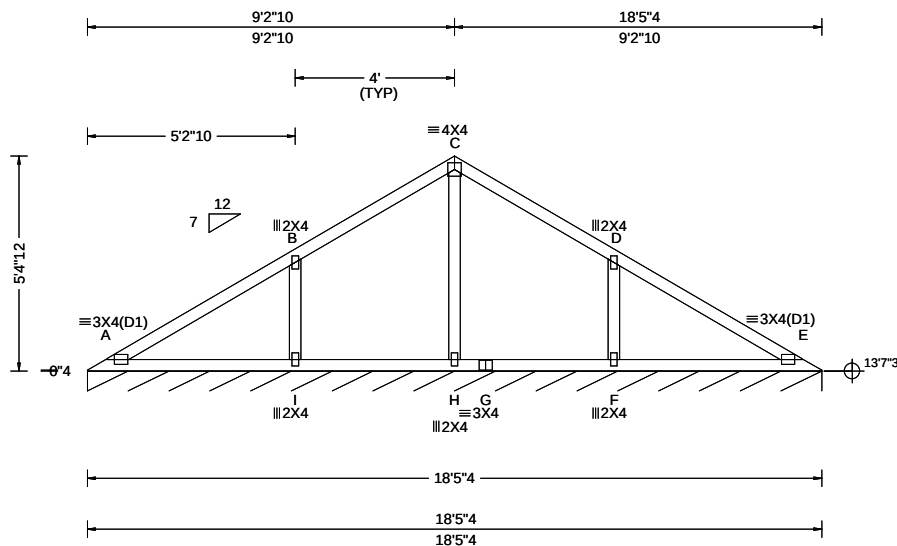
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SEQN: 96648 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V23	Cust: R 215 JRef: 1YLP2150005 T39 / DrwNo: 191.26.0955.21704 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 16.45 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: 1.33	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 E 999 240 VERT(CL): 0.026 E 999 180 HORZ(LL): 0.005 A - - HORZ(TL): 0.010 A - - Creep Factor: 2.0 Max TC CSI: 0.385 Max BC CSI: 0.221 Max Web CSI: 0.167 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 83 /- /- /43 /12 /7 Wind reactions based on MWFRS E Brg Wid = 221 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

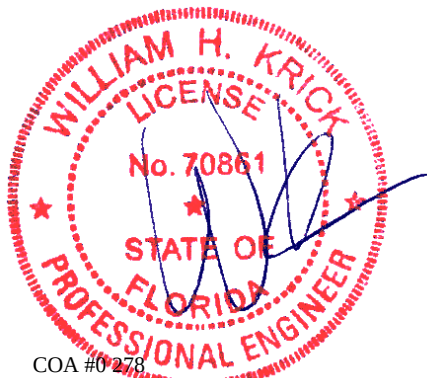
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



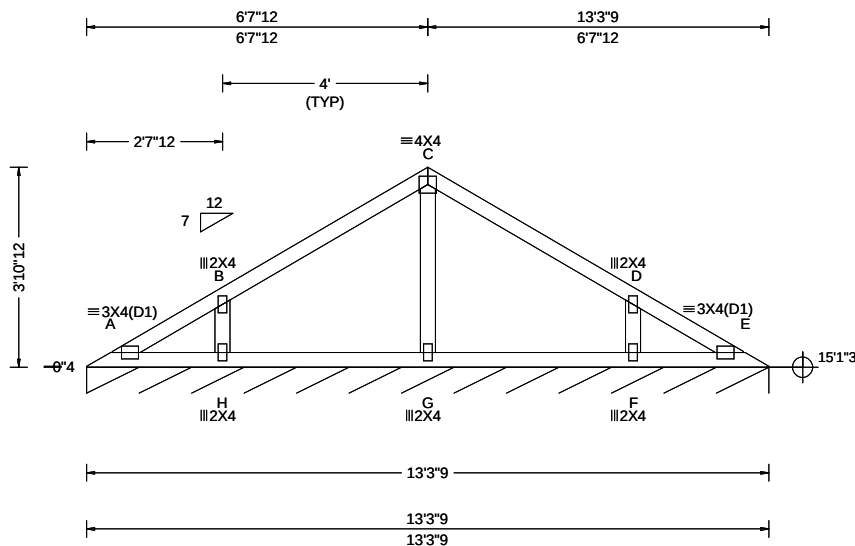
COA #0278

07/13/2026
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SEQN: 96646 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V24	Cust: R 215 JRef:1YLP2150005 T40 / DrwNo: 191.26.0955.22214 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.20 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.001 E 999 180 HORZ(LL): -0.000 A - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.204 Max BC CSI: 0.113 Max Web CSI: 0.077 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 83 /- /- /42 /12 /7 Wind reactions based on MWFRS E Brg Wid = 159 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

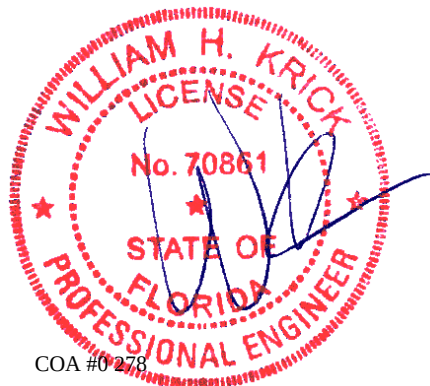
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



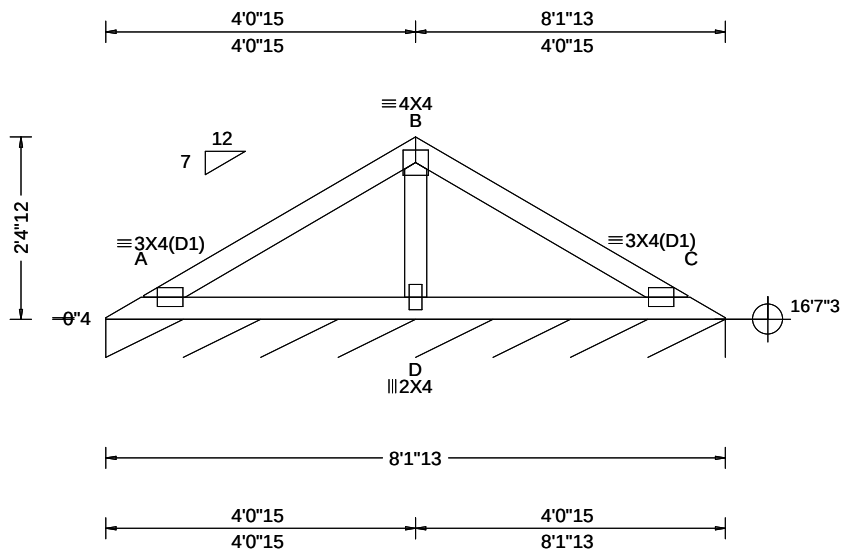
COA #0278

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SEQN: 96644 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V25	Cust: R 215 JRef:1YLP2150005 T41 / DrwNo: 191.26.0955.20466 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 17.95 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: 1.33	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): 0.007 C 999 240 VERT(CL): 0.014 C 999 180 HORZ(LL): -0.003 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.207 Max BC CSI: 0.180 Max Web CSI: 0.103 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 83 /- /- /41 /10 /7 Wind reactions based on MWFRS C Brg Wid = 97.8 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 287 -383

Lumber

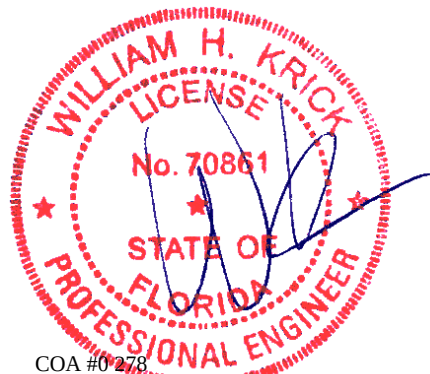
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



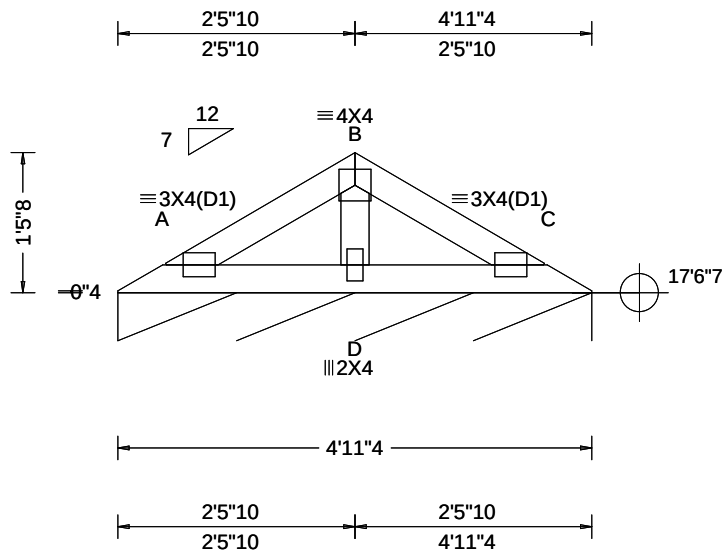
COA #0278

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SEQN: 96642 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V26	Cust: R 215 JRef:1YLP2150005 T43 / DrwNo: 191.26.0955.23795 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 18.42 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: 1.33	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.003 C 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.061 Max BC CSI: 0.049 Max Web CSI: 0.054 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 83 /- /- /39 /8 /6 Wind reactions based on MWFRS C Brg Wid = 59.2 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.



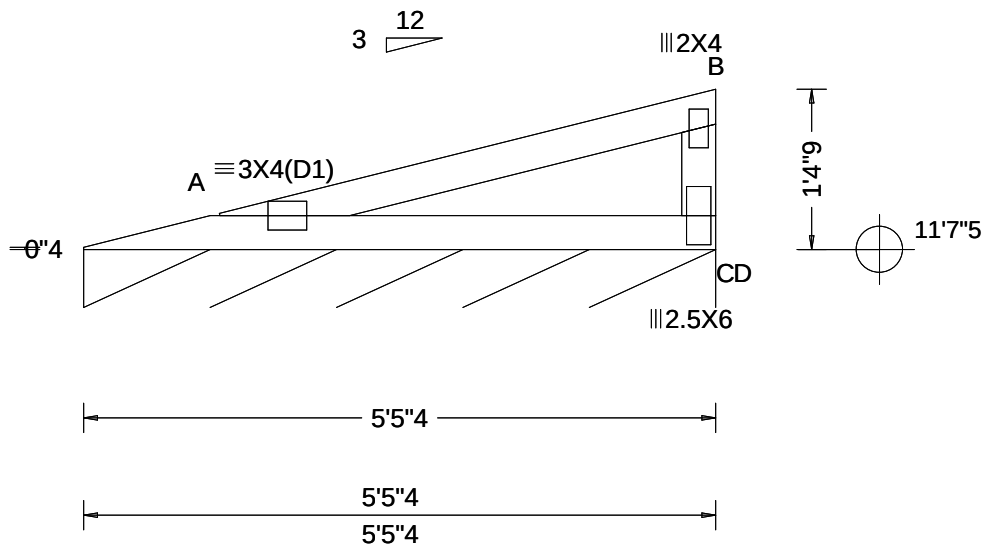
COA #0278

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SEQN: 97570 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V27	Cust: R 215 JRef: 1YLP2150005 T58 DrwNo: 191.26.0955.21134 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.33	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): 0.006 A - - HORZ(TL): 0.012 A - - Creep Factor: 2.0 Max TC CSI: 0.351 Max BC CSI: 0.288 Max Web CSI: 0.148 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 80 /- /- /37 /5 /6 Wind reactions based on MWFRS D Brg Wid = 65.3 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

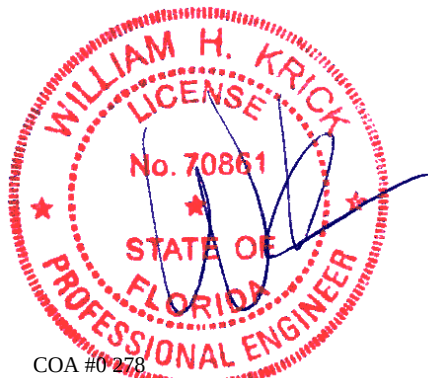
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



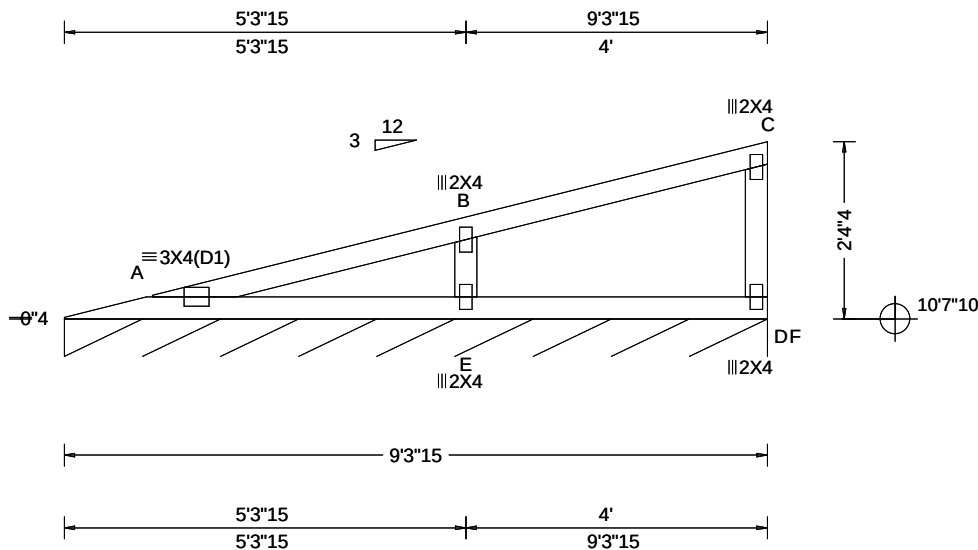
COA #0278

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SEQN: 96654 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V28	Cust: R 215 JRef: 1YLP2150005 T23 / DrwNo: 191.26.0955.23001 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 1.33	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): 0.025 A 999 240 VERT(CL): 0.050 A 999 180 HORZ(LL): 0.003 A - - HORZ(TL): 0.007 A - - Creep Factor: 2.0 Max TC CSI: 0.355 Max BC CSI: 0.240 Max Web CSI: 0.108 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F* 81 /- /- /39 /12 /8 Wind reactions based on MWFRS F Brg Wid = 111 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

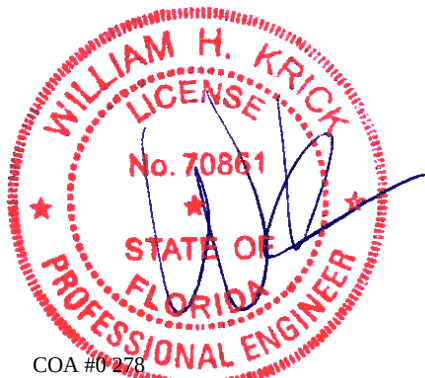
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



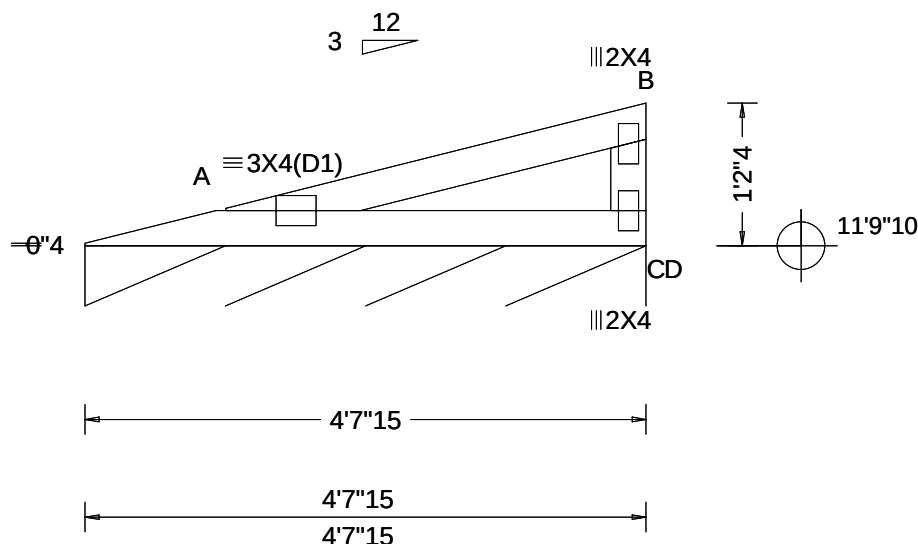
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SEQN: 96652 / FROM:	VAL	Ply: 1 Qty: 1	Job Number: 26-3680 BROWN Truss Label: V29	Cust: R 215 JRef: 1YLP2150005 T9 / DrwNo: 191.26.0955.23255 GA / YK 07/10/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 4.50 ft GCp: 0.18 Wind Duration: 1.33	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): 0.003 A - - HORZ(TL): 0.007 A - - Creep Factor: 2.0 Max TC CSI: 0.238 Max BC CSI: 0.223 Max Web CSI: 0.102 VIEW Ver: 24.02.00D.0114.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 80 /- /- /36 /8 /6 Wind reactions based on MWFRS D Brg Wid = 55.9 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

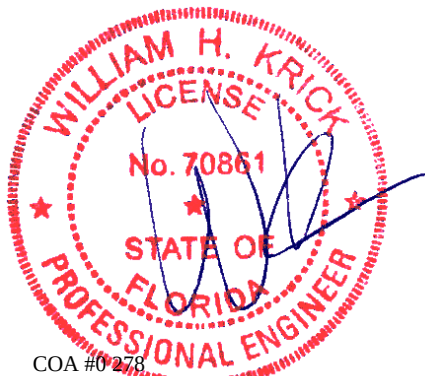
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Wind

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

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.



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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 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-reinforcement or scab reinforcement.

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

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

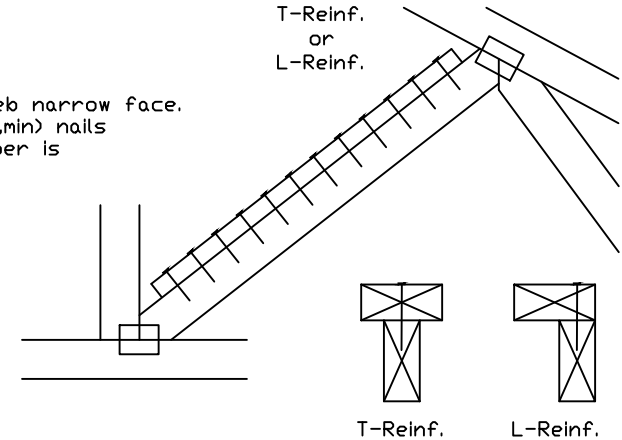
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6

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.

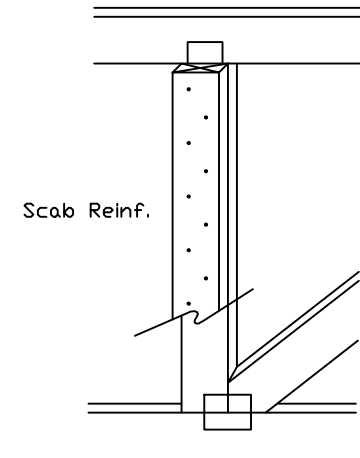
T-Reinforcement or L-Reinforcement:

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.



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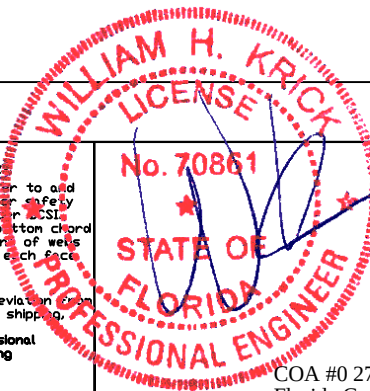
WARNING: READ AND FOLLOW ALL NOTES ON THIS DRAWING
IMPORTANT: FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLER.

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

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

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ALPINE: www.alpineitw.com TPI: www.tpinet.org SBCA: www.sbcacomponents.com ICC: www.iccsafe.org



TC LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	01/02/19
BC DL	PSF	DRWG	BRCLBSUB0119
BC LL	PSF		
TOT. LD.	PSF		
DWR FAC			
SPACING			

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

Commentary: Deflection and Camber

Camber may be built into trusses to compensate for the vertical deflection that results from the application of loads. Providing camber has the following advantages:

- Helps to ensure level ceilings and floors after dead loads are applied.
- Facilitates drainage to avoid ponding on flat or low slope roofs.
- Compensates for different deflection characteristics between adjacent trusses.
- Improves appearance of garage door headers and other long spans that can appear to "sag."
- Avoids "dips" in roof ridgelines at the transition from the gable to adjacent clear span trusses.

In accordance with ANSI/TPI 1 the Building Designer, through the Construction Documents, shall provide the location, direction, and magnitude of all loads attributable to ponding that may occur due to the design of the roof drainage system. The Building Designer shall also specify any dead load, live load, and in-service creep deflection criteria for flat or low-slope roofs subject to ponding loads.

The amount of camber is dependent on the truss type, span, loading, application, etceteras.

More restrictive limits for allowable deflection and slenderness ratio (L/D) may be required to help control vibration.

The following tables are provided as guidelines for limiting deflection and estimating camber. Conditions or codes may exist that require exceeding these recommendations, or past experience may warrant using more stringent limitations.

L = Span of Truss (inches)
D = Depth of Truss at Deflection Point (inches)

Recommended Truss Deflection Limits

Truss Type	L/D	Deflection Limits	
		Live Load	Total Load
Pitched Roof Trusses	24	L/240 (vertical)	L/180 (vertical)
Floor of Room-In-Attic Trusses	24	L/360 (vertical)	L/240 (vertical)
Flat or Shallow Pitched Roof Trusses	24	L/360 (vertical)	L/240 (vertical)
Residential Floor Trusses	24	L/360 (vertical)	L/240 (vertical)
Commercial Floor Trusses	20	L/480 (vertical)	L/240 (vertical)
Scissors Trusses	24	0.75" (horizontal)	1.25" (horizontal)

Truss Type	Recommended Camber
Pitched Trusses	1.00 x Deflection from Actual Dead Load
Sloping Parallel Chord Trusses	1.5 x Vertical Deflection from Actual Dead Load
Floor Trusses	(0.25 x Deflection from Live Load) + Actual Dead Load
Flat Roof Trusses	(0.25 x Deflection from Live Load) + (1.5 x Design Dead Load Deflection)

Note: The actual dead load may be considerably less than the design dead load.

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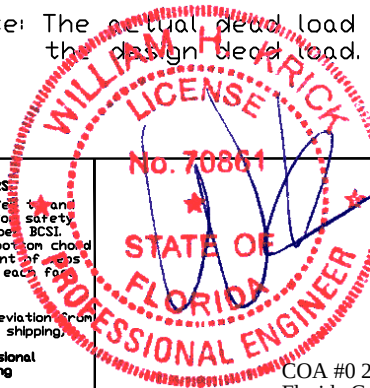
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

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Florida Certificate of Product Approval #FL 1999

REF	DEFLEC/CAMB
DATE	10/01/14
DRWG	DEFLCAMB1014

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
□
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.

□r

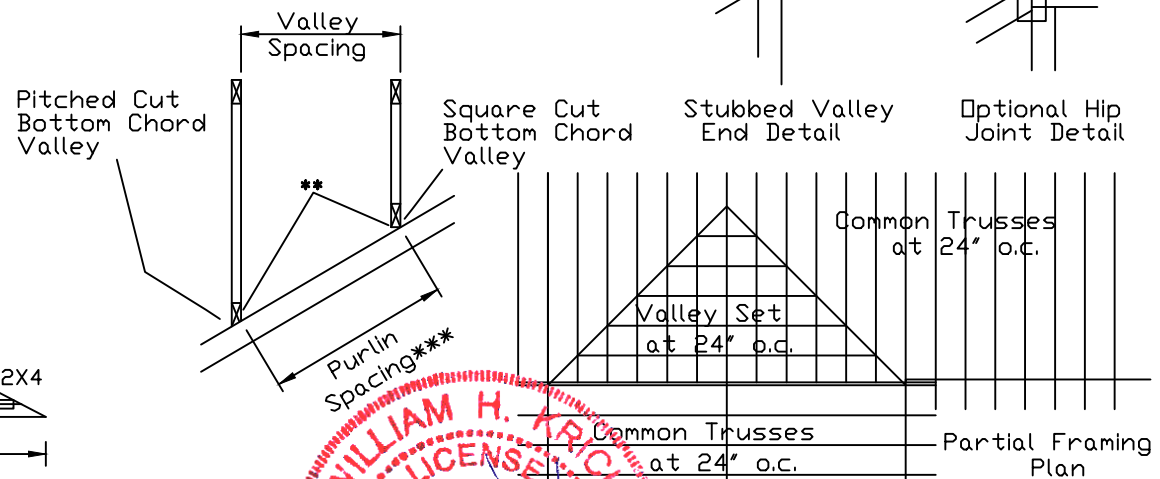
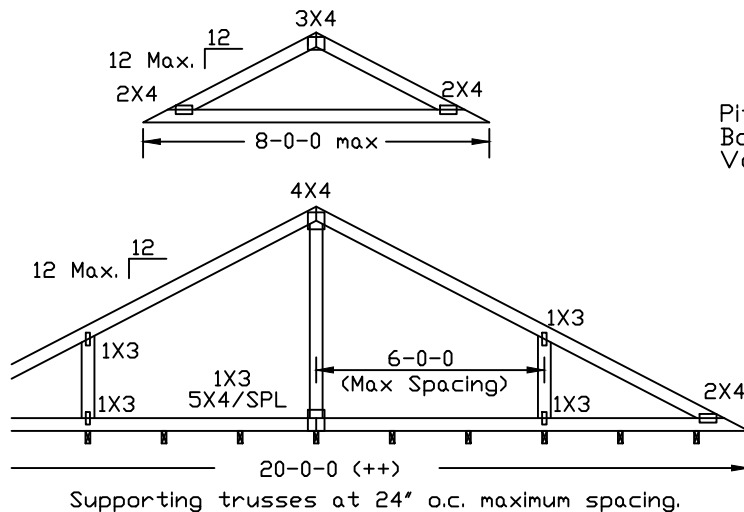
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design

□r

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".



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Refer to drawings 160A-2 for standard plate positions.

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 ALPINE: www.alpineitw.com, TPI: www.tpinstr.org, SBCA: www.sbcacomponents.com, ICC: www.iccsafe.org

TC LL 30 30 40PSF	REF VALLEY DETAIL
TC DL 20 15 7PSF	DATE 07/03/2023
BC DL 10 10 10 PSF	DRWG VAL180220723
BC LL 0 0 0 PSF	
TOT. L.D. 60 55 57PSF	
07/13/2026	
DUR.FAC.1.25/1.33 1.15 1.15	
Certificate of Product Approval #FL-1999	
SPACING 24.0"	

Valley Detail - ASCE 7-22: 30' Mean Height, Enclosed, Exp. C, $K_{zt}=1.00$

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.

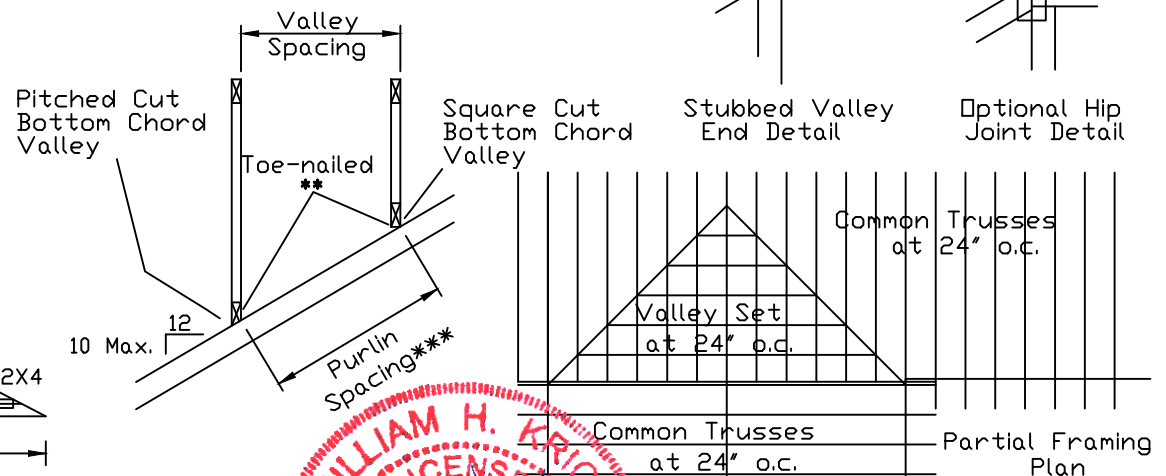
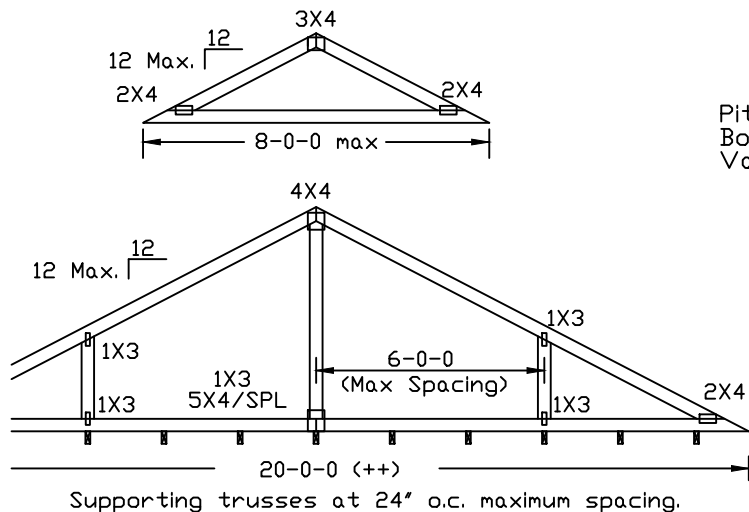
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss
installation.

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

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".



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No. 7086



STATE OF
FLORIDA
PROFESSIONAL ENGINEER

COA #0 278

Florida Certificate of Product Approval #FL 1999

TC	LL	30	30	40PSF	REF	VALLEY DETAIL
TC	DL	20	15	7 PSF	DATE	07/03/2023
BC	DL	10	10	10 PSF	DRWG	VALTN220723
BC	LL	0	0	0 PSF		
TOT.	L.D.	60	55	57PSF		
DUR	FAE	1.25	1.33	1.15		
SPACING				24.8		