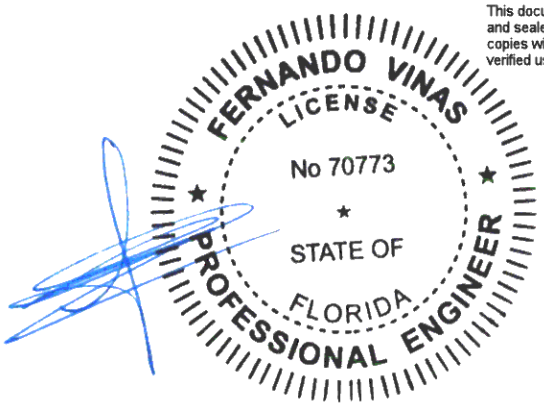

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ALPINE
AN ITW COMPANY

12/07/2022

COA#0-278
Florida Certificate of Prod

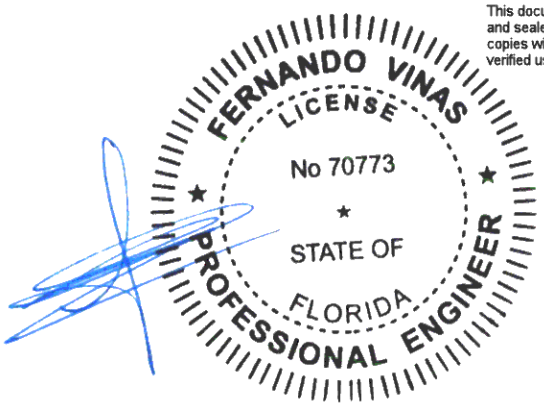
Alpine, an ITW Company
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025
Phone: (800)755-6001
www.alpineitw.com

Site Information:	**Page 1:**
Customer: W. B. Howland Company, Inc.	*Job Number:* 22-8269
Job Description: McCabe	
Address: Lake City, FL	

Job Engineering Criteria:	
Design Code: FBC 7th Ed. 2020 Res.	*IntelliVIEW Version:* 21.02.01 *JRef #:* 1XLa2150003
Wind Standard: ASCE 7-16 *Wind Speed (mph):* 130 *Building Type:* Closed	*Design Loading (psf):* 40.00

This package contains general notes pages, 107 truss drawing(s) and 1 detail(s).

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	341.22.1105.11899	A01	2	341.22.1105.10259	A02
3	341.22.1105.12023	A03	4	341.22.1105.12336	A04
5	341.22.1105.11040	A05	6	341.22.1105.11369	A06
7	341.22.1105.10898	B01	8	341.22.1105.10962	B02
9	341.22.1105.12836	B03	10	341.22.1105.12840	B04
11	341.22.1105.13446	B05	12	341.22.1105.13258	B06
13	341.22.1105.13306	B07	14	341.22.1105.13633	B08
15	341.22.1105.13383	B09	16	341.22.1105.13117	B10
17	341.22.1105.12841	B11	18	341.22.1105.13101	B12
19	341.22.1105.12837	B13	20	341.22.1105.12665	B14
21	341.22.1105.13351	B15	22	341.22.1105.13195	B16
23	341.22.1105.13226	B17	24	341.22.1105.12839	B18
25	341.22.1105.12838	B19	26	341.22.1105.13493	B20
27	341.22.1105.13523	B21	28	341.22.1105.12211	B22
29	341.22.1105.12243	C01	30	341.22.1105.11758	C02
31	341.22.1105.12242	C03	32	341.22.1105.12462	C04
33	341.22.1105.11836	C05	34	341.22.1105.10430	C06
35	341.22.1105.10758	C07	36	341.22.1105.10681	C08
37	341.22.1105.10774	C09	38	341.22.1105.12539	C10
39	341.22.1105.11789	C11	40	341.22.1105.12008	C12
41	341.22.1105.12305	C13	42	341.22.1105.10570	C14
43	341.22.1105.11086	C15	44	341.22.1105.11461	C16
45	341.22.1105.12446	C17	46	341.22.1105.11367	D01
47	341.22.1105.10321	D02	48	341.22.1105.10633	D03
49	341.22.1105.11931	D04	50	341.22.1105.11041	D05



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12/07/2022

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Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	*Job Number:* 22-8269
Job Description: McCabe	
Address: Lake City, FL	

Item	Drawing Number	Truss
51	341.22.1105.11695	D06
53	341.22.1105.13181	G02
55	341.22.1105.13336	G04
57	341.22.1105.11384	G06
59	341.22.1105.10712	H01
61	341.22.1158.08517	HJ01A
63	341.22.1105.10243	HJ03
65	341.22.1105.12102	HJ05
67	341.22.1105.11696	HJ07
69	341.22.1105.12633	HJ09
71	341.22.1105.12415	J08
73	341.22.1105.12524	J02
75	341.22.1105.10431	J03
77	341.22.1105.11664	J04
79	341.22.1105.10586	J05
81	341.22.1105.12430	J07
83	341.22.1105.11133	J10
85	341.22.1105.11884	J12
87	341.22.1105.12587	J14
89	341.22.1105.12134	J16
91	341.22.1105.10320	J18
93	341.22.1105.12149	J20
95	341.22.1105.11462	J22
97	341.22.1105.11759	J24
99	341.22.1105.11820	J26
101	341.22.1105.11726	J28
103	341.22.1105.11976	J30
105	341.22.1105.10759	J32
107	341.22.1105.13476	K02

Item	Drawing Number	Truss
52	341.22.1157.42660	G01
54	341.22.1105.13540	G03
56	341.22.1105.13570	G05
58	341.22.1105.11101	G07
60	341.22.1105.11618	HJ01
62	341.22.1105.11601	HJ02
64	341.22.1105.11463	HJ04
66	341.22.1105.13086	HJ06
68	341.22.1105.11305	HJ08
70	341.22.1105.11946	HJ10
72	341.22.1105.10289	J01
74	341.22.1105.13601	J02A
76	341.22.1105.13368	J03A
78	341.22.1105.13165	J04A
80	341.22.1105.12523	J06
82	341.22.1105.12320	J09
84	341.22.1105.10867	J11
86	341.22.1105.12181	J13
88	341.22.1105.10323	J15
90	341.22.1105.12258	J17
92	341.22.1105.12617	J19
94	341.22.1105.10914	J21
96	341.22.1105.12039	J23
98	341.22.1105.10836	J25
100	341.22.1105.12352	J27
102	341.22.1105.11368	J29
104	341.22.1105.11540	J31
106	341.22.1105.13321	K01
108	BRCLBSUB0119	

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.

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.

General Notes (continued)

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.

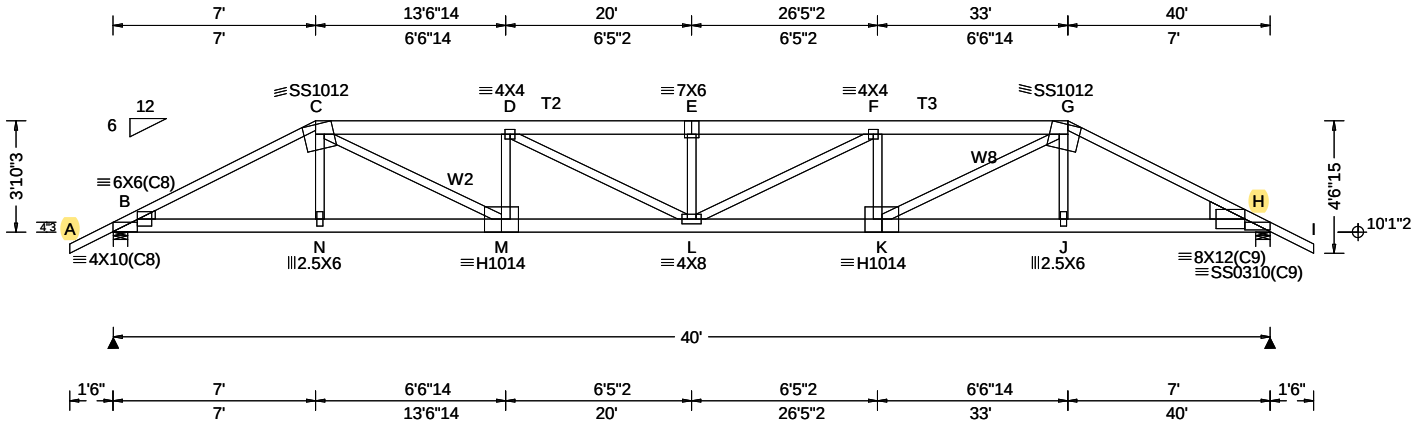
BCDL = Bottom Chord standard design Dead Load in pounds per square foot.
BCLL = Bottom Chord standard design Live Load in pounds per square foot.
CL = Certified lumber.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
FRT = Fire Retardant Treated lumber.
FRT-DB = D-Blaze 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-PG = PYRO-GUARD 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 of all load cases.
Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for of all load cases.
Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for of 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).
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: 444442 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** A01	Cust: R 215 JRef:1XLa2150003 T8 DrwNo: 341.22.1105.11899 KD / WHK 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.618 E	771	240
VERT(CL):	1.239 E	384	180
HORZ(LL):	0.125 H	-	-
HORZ(TL):	0.251 H	-	-

Creep Factor: 2.0
Max TC CSI: 0.861
Max BC CSI: 0.728
Max Web CSI: 0.964

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	4044	/-	/-	/-	/868	/-
H	4044	/-	/-	/-	/868	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 3.3 (Truss)
H Brg Wid = 6.0 Min Req = 3.3 (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	1775	- 8272	E - F	2717	- 12427
C - D	2431	- 11146	F - G	2431	- 11146
D - E	2717	- 12427	G - H	1775	- 8273

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	7342	- 1563	L - K	11275	- 2477
N - M	7373	- 1560	K - J	7374	- 1560
M - L	11274	- 2477	J - H	7343	- 1563

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - N	736	0	L - F	1309	- 273
C - M	4271	- 985	F - K	551	- 1526
M - D	551	- 1526	K - G	4270	- 985
D - L	1310	- 273	J - G	737	0
E - L	353	- 755			

Lumber

Top chord: 2x4 SP M-31; T2,T3 2x6 SP 2400f-2.0E;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2,W8 2x4 SP #2;
Lt Wedge: 2x4 SP #3;Rt Wedge: 2x8 SP #2;

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	7.00
TC: From	31 plf at	7.00 to	31 plf at	33.00
TC: From	62 plf at	33.00 to	62 plf at	41.50
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	32.97
BC: From	20 plf at	32.97 to	20 plf at	40.00
BC: From	4 plf at	40.00 to	4 plf at	41.50

TC: 434 lb Conc. Load at 7.03,32.97
TC: 187 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,20.94,22.94,24.94,26.94,28.94,30.94
BC: 503 lb Conc. Load at 7.03,32.97
BC: 129 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,20.94,22.94,24.94,26.94,28.94,30.94

Purlins

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

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

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

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

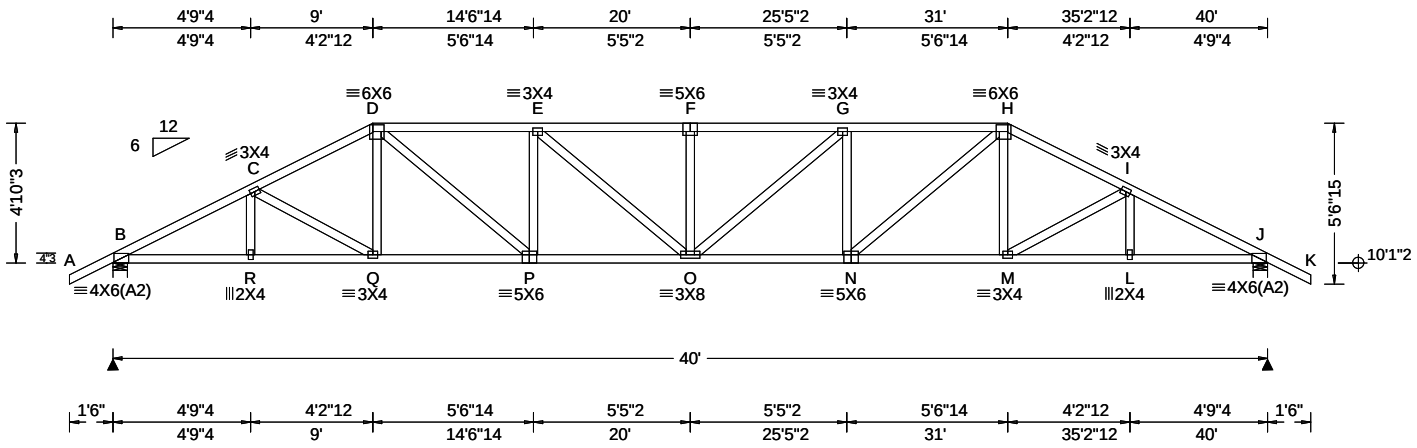
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 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. Refer to job's General Notes page for additional information.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 672797 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** A02	Cust: R 215 JRef:1XLa2150003 T2 / DrwNo: 341.22.1105.10259 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.290	F	999	240
VERT(CL): 0.590	F	808	180
HORZ(LL): 0.089	J	-	-
HORZ(TL): 0.181	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.593
Max BC CSI: 0.868
Max Web CSI: 0.485

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1747	/-	/-	/1016	/321	/160
J	1747	/-	/-	/1016	/321	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.1 (Truss)
J Brg Wid = 6.0 Min Req = 2.1 (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	1230	- 3103	F - G	1631	- 3577
C - D	1232	- 2836	G - H	1514	- 3294
D - E	1514	- 3294	H - I	1232	- 2837
E - F	1631	- 3577	I - J	1230	- 3104

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	2707	- 1017	O - N	3330	- 1316
R - Q	2706	- 1019	N - M	2493	- 930
Q - P	2492	- 937	M - L	2707	- 1013
P - O	3330	- 1323	L - J	2708	- 1011

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - P	1046	- 521	G - N	393	- 567
P - E	393	- 567	N - H	1046	- 521

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.

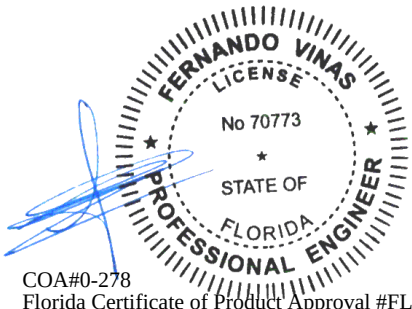
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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

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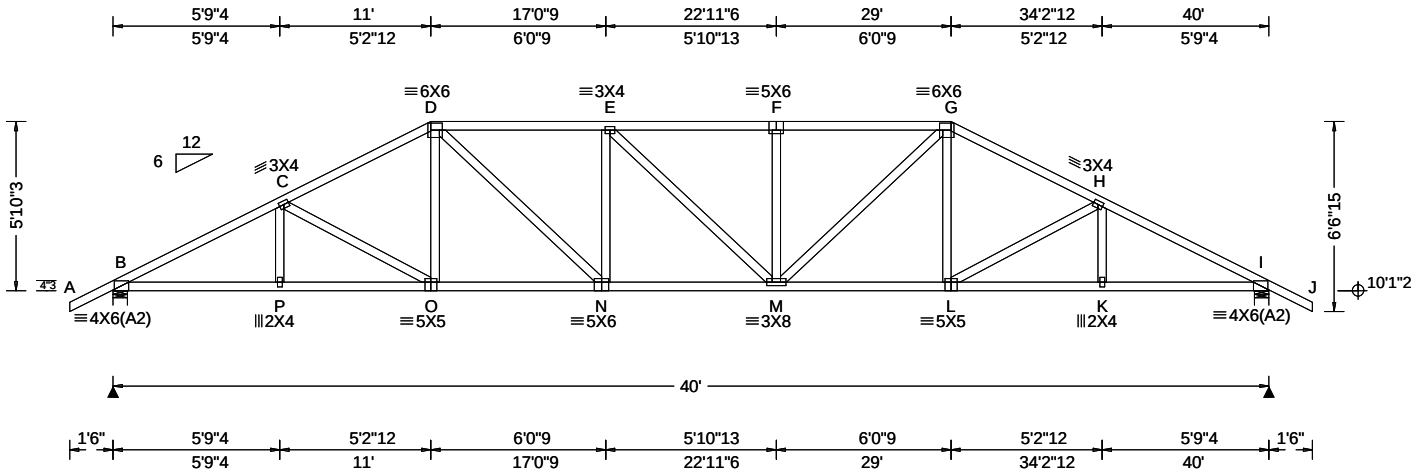
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 672800 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** A03	Cust: R 215 JRef:1XLa2150003 T3 / DrwNo: 341.22.1105.12023 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.225	F	999	240
VERT(CL): 0.457	F	999	180
HORZ(LL): 0.083	I	-	-
HORZ(TL): 0.168	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.558
Max BC CSI: 0.813
Max Web CSI: 0.459

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1747	/-	/-	/1031	/319	/187
I	1747	/-	/-	/1031	/319	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.1 (Truss)
I Brg Wid = 6.0 Min Req = 2.1 (Truss)
Bearings B & 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	1131	- 3095	F - G	1285	- 2881
C - D	1113	- 2692	G - H	1113	- 2693
D - E	1278	- 2867	H - I	1132	- 3095
E - F	1285	- 2880			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	2694	- 921	M - L	2347	- 794
P - O	2692	- 923	L - K	2693	- 917
O - N	2347	- 801	K - I	2694	- 915
N - M	2886	- 1041			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - O	140	- 398	M - G	724	- 374
D - O	385	- 21	G - L	387	- 22
D - N	714	- 367	L - H	141	- 399

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.

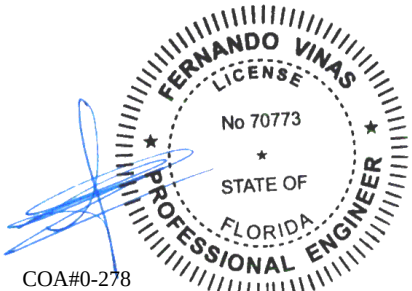
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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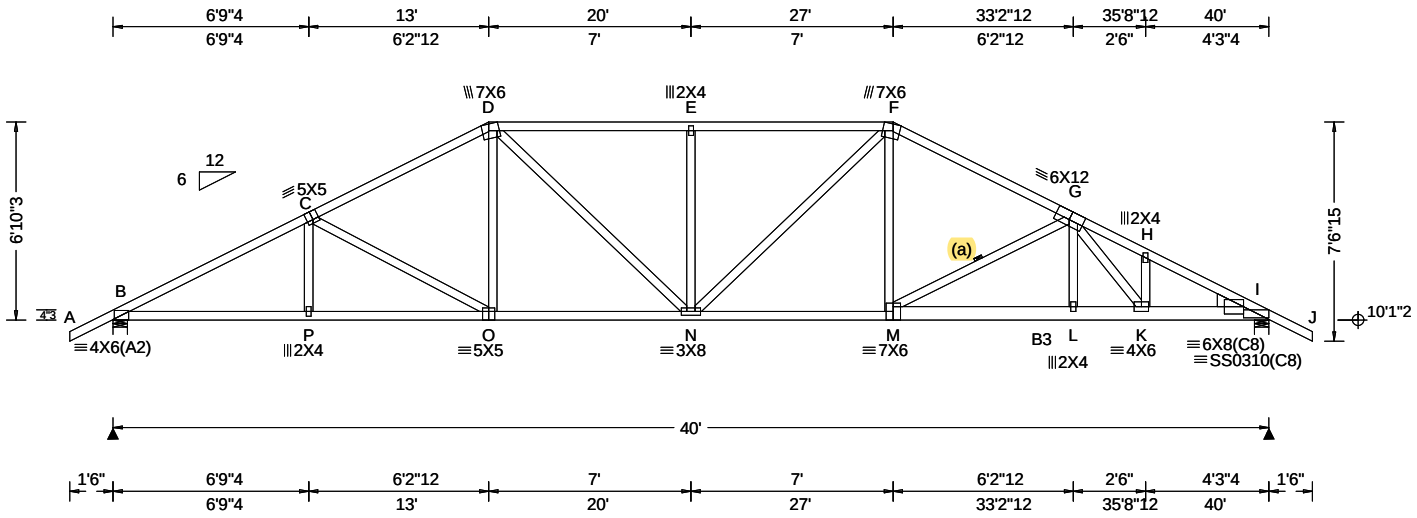
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 444424 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** A04	Cust: R 215 JRef:1XLa2150003 T9 / DrwNo: 341.22.1105.12336 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.227	E	999	240
VERT(CL): 0.459	E	999	180
HORZ(LL): 0.078	I	-	-
HORZ(TL): 0.157	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.805
Max BC CSI: 0.858
Max Web CSI: 0.522

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1868	/-	/-	/-	/329	/-
I	2898	/-	/-	/-	/399	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.2 (Truss)
I Brg Wid = 6.0 Min Req = 2.4 (Truss)
Bearings B & 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	558	- 3326	F - G	493	- 3114
C - D	471	- 2807	G - H	663	- 5259
D - E	455	- 2879	H - I	684	- 5319
E - F	455	- 2879			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	2892	- 467	M - L	3928	- 543
P - O	2889	- 469	L - K	3924	- 544
O - N	2435	- 392	K - I	4710	- 594
N - M	2709	- 412			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - O	89	- 522	F - M	780	- 4
D - O	465	0	M - G	149	- 1380
D - N	608	- 87	G - K	1371	- 83
E - N	177	- 447			

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B3 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Rt Wedge: 2x6 SP #2;

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

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

TC: From	62 plf at	-1.50 to	62 plf at	35.89
TC: From	31 plf at	35.89 to	31 plf at	36.94
TC: From	62 plf at	36.94 to	62 plf at	41.50
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	35.89
BC: From	10 plf at	35.89 to	10 plf at	36.94
BC: From	20 plf at	36.94 to	20 plf at	40.00
BC: From	4 plf at	40.00 to	4 plf at	41.50

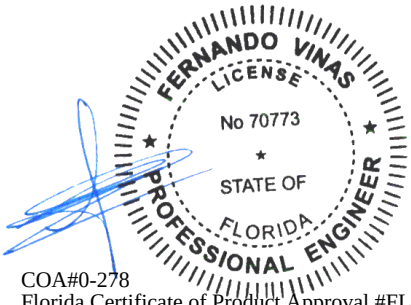
BC: 1044 lb Conc. Load at 35.89
BC: 270 lb Conc. Load at 36.94

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

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

Additional Notes
The overall height of this truss excluding overhang is 6-10-3.

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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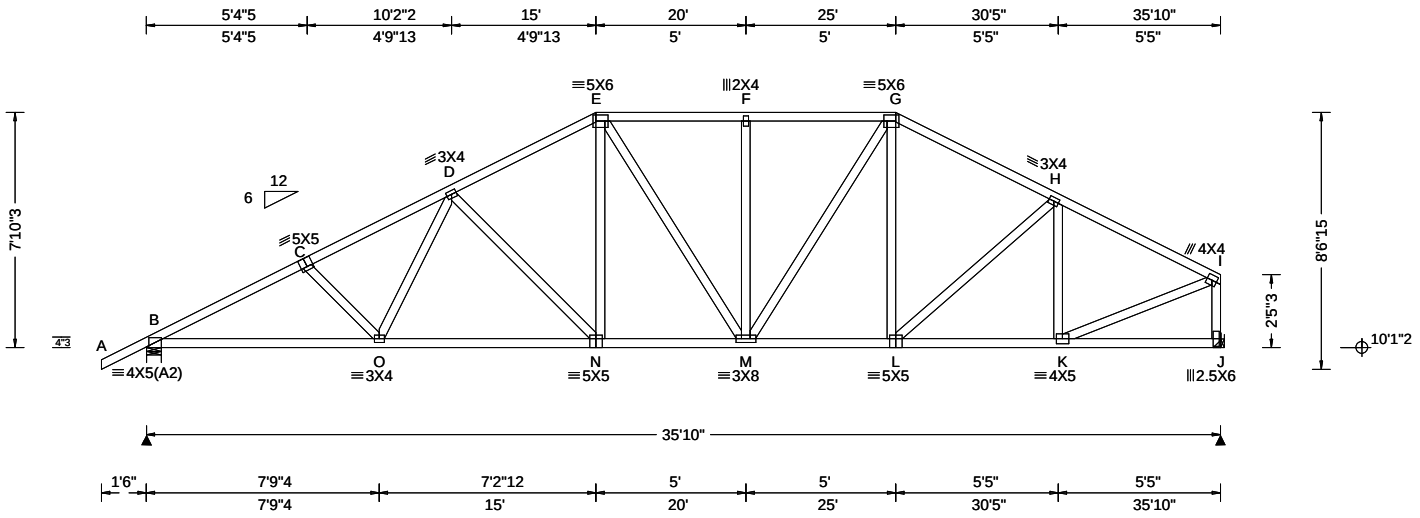
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672806 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** A05	Cust: R 215 JRef:1XLa2150003 T5 / DrwNo: 341.22.1105.11040 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.58 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.117	N	999	240
VERT(CL): 0.240	N	999	180
HORZ(LL): 0.046	J	-	-
HORZ(TL): 0.093	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.384
Max BC CSI: 0.732
Max Web CSI: 0.577

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1584	/-	/-	/968	/94	/211
J	1467	/-	/-	/819	/44	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
J Brg Wid = - Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	844	- 2752	F - G	778	- 1730
C - D	831	- 2547	G - H	705	- 1743
D - E	785	- 1977	H - I	561	- 1657
E - F	778	- 1730			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	2393	- 790	M - L	1486	- 460
O - N	2074	- 693	L - K	1445	- 459
N - M	1705	- 555			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - D	411	- 18	H - K	241	- 451
D - N	199	- 534	K - I	1516	- 477
E - N	521	- 87	I - J	479	- 1421
M - G	440	- 219			

Lumber

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

Hangers / Ties

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

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

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

Bearing at location x=35'7" uses the following support conditions: 35'7"
Bearing J (35'7", 10'1"2) HUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Purlins

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

Wind

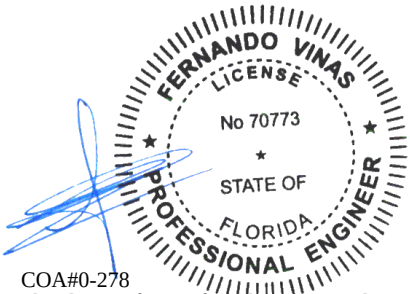
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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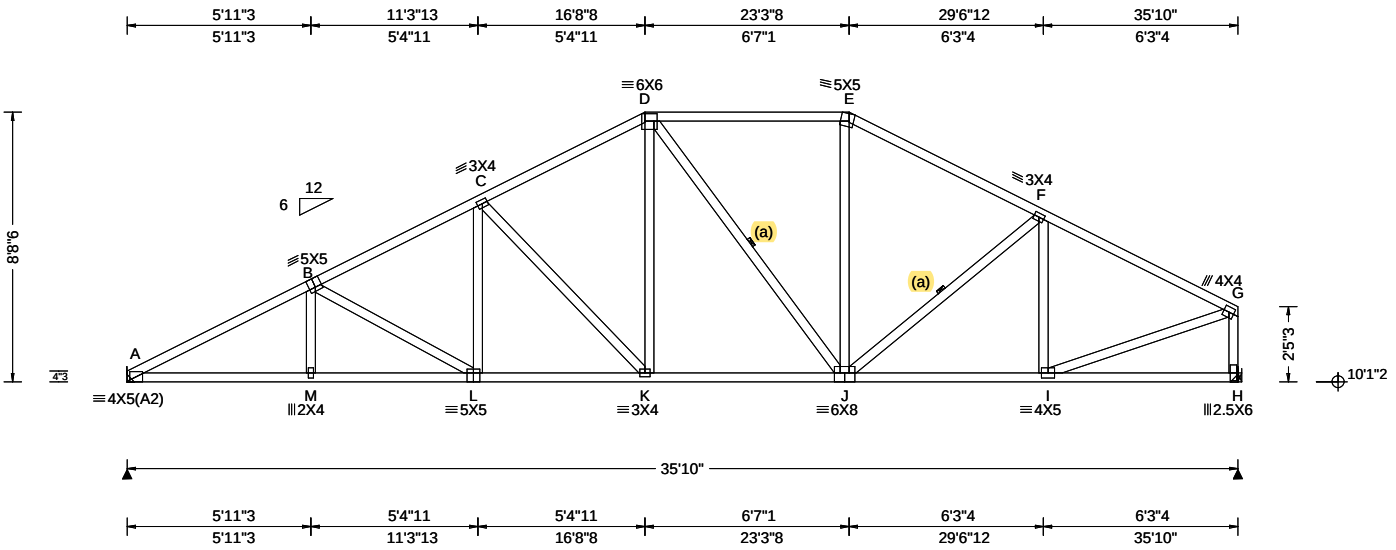
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 673125 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** A06	Cust: R 215 JRef:1XLa2150003 T55 / DrwNo: 341.22.1105.11369 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.58 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.119 L	999	240
VERT(CL):	0.244 L	999	180
HORZ(LL):	0.046 H	-	-
HORZ(TL):	0.094 H	-	-

Creep Factor: 2.0
Max TC CSI: 0.547
Max BC CSI: 0.614
Max Web CSI: 0.748

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1481	/-	/-	/886	/69	/219
H	1470	/-	/-	/824	/31	/-

Wind reactions based on MWFRS
A Brg Wid = - Min Req = -
H 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	751	- 2790	D - E	634	- 1459
B - C	726	- 2333	E - F	639	- 1715
C - D	684	- 1841	F - G	526	- 1739

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - M	2427	- 705	K - J	1582	- 442
M - L	2425	- 707	J - I	1505	- 416
L - K	2006	- 581			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	167	- 470	J - E	410	- 31
L - C	388	- 33	I - G	1547	- 422
C - K	205	- 624	G - H	436	- 1418
D - K	587	- 89			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

Bearing at location x=35'7" uses the following support conditions: 35'7"
Bearing H (35'7", 10'1"2) HUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Purlins

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

Wind

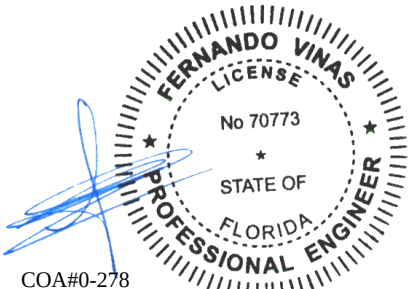
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 8-8-6.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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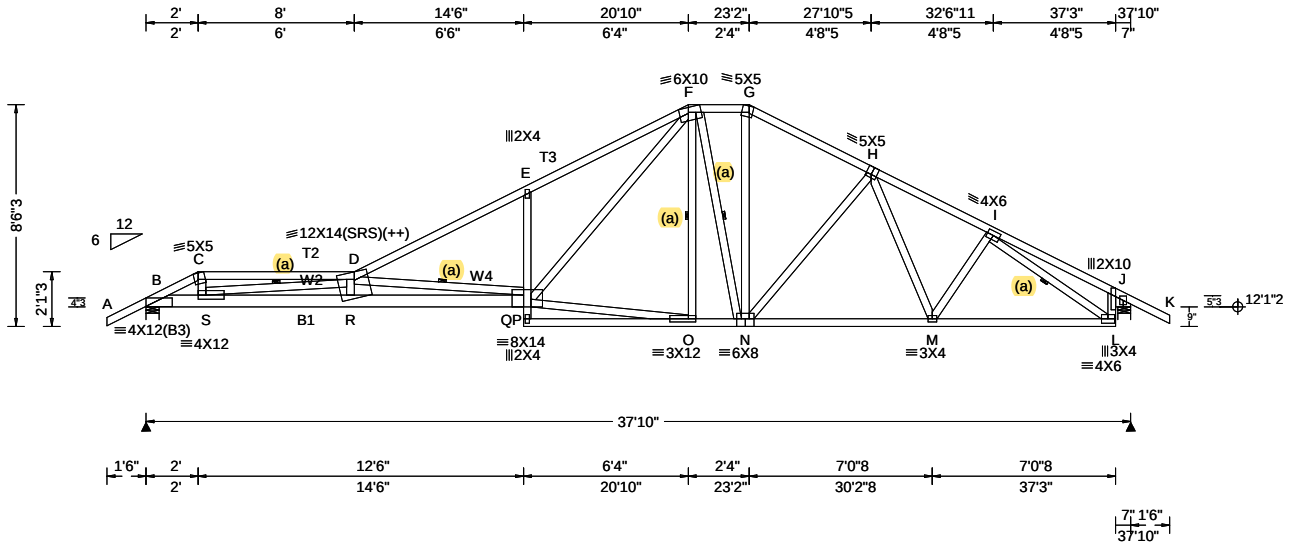
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 444445 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B01	Cust: R 215 JRef:1XLa2150003 T101 DrwNo: 341.22.1105.10898 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.77 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.593	D	755	240
VERT(CL): 1.197	D	374	180
HORZ(LL): 0.094	L	-	-
HORZ(TL): 0.190	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.890
Max BC CSI: 0.825
Max Web CSI: 0.933

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1645	/-	/-	/-	/305	/-
J	1656	/-	/-	/-	/320	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
J Brg Wid = 6.0 Min Req = 1.5
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	600	- 3501	F - G	288	- 1660
C - D	587	- 3520	G - H	349	- 1913
D - E	702	- 3824	H - I	380	- 2210
E - F	703	- 3821			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	3140	- 541	O - N	1733	- 302
S - R	8783	- 1511	N - M	1868	- 334
R - P	8855	- 1539	M - L	1877	- 340

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	1312	- 159	P - F	2448	- 448
S - D	937	- 5337	P - O	1669	- 291
R - D	174	- 436	N - G	617	- 66
D - P	944	- 5532	I - L	441	- 2388
E - P	175	- 466	J - L	1496	- 238

Lumber

Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2,W4 2x4 SP M-31;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	39.33
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	37.25
BC: From	4 plf at	37.83 to	4 plf at	39.33
TC:	4 lb Conc. Load at 1.96			
BC:	-8 lb Conc. Load at 1.96			

Plating Notes

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

Purlins

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

Wind

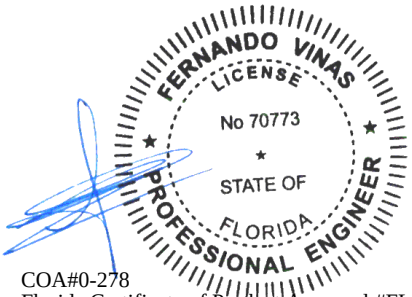
Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-9-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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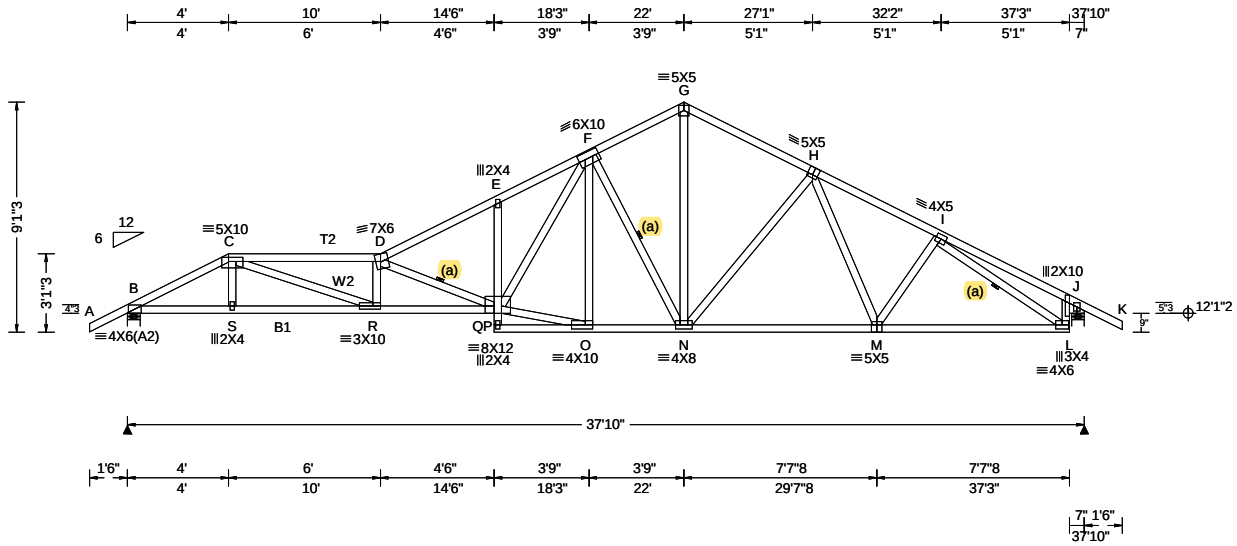
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 672983 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B02	Cust: R 215 JRef:1XLa2150003 T10 / DrwNo: 341.22.1105.10962 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.07 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.342	E	999	240
VERT(CL): 0.691	E	648	180
HORZ(LL): 0.084	J	-	-
HORZ(TL): 0.169	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.799
Max BC CSI: 0.774
Max Web CSI: 0.850

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1649	/-	/-	/964	/69	/252
J	1656	/-	/-	/969	/54	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
J Brg Wid = 6.0 Min Req = 1.5
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	898	- 2968	F - G	619	- 1828
C - D	1556	- 5295	G - H	595	- 1853
D - E	1022	- 3677	H - I	603	- 2212
E - F	1103	- 3644			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	2602	- 723	O - N	2079	- 405
S - R	2606	- 719	N - M	1842	- 353
R - P	5446	- 1513	M - L	1902	- 405

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	2856	- 789	F - N	357	- 1001
R - D	380	- 1045	N - H	184	- 390
D - P	821	- 2387	G - N	1298	- 380
P - O	2041	- 390	I - L	522	- 2391
P - F	2231	- 670	J - L	1479	- 278
O - F	130	- 446			

Lumber

Top chord: 2x4 SP #2; T2 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
Webs: 2x4 SP #3; W2 2x4 SP #2;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

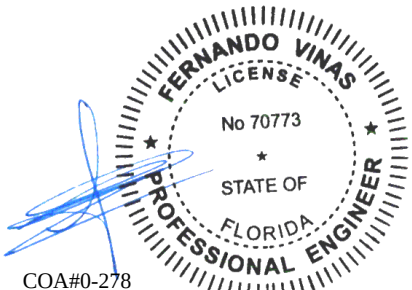
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 8-4-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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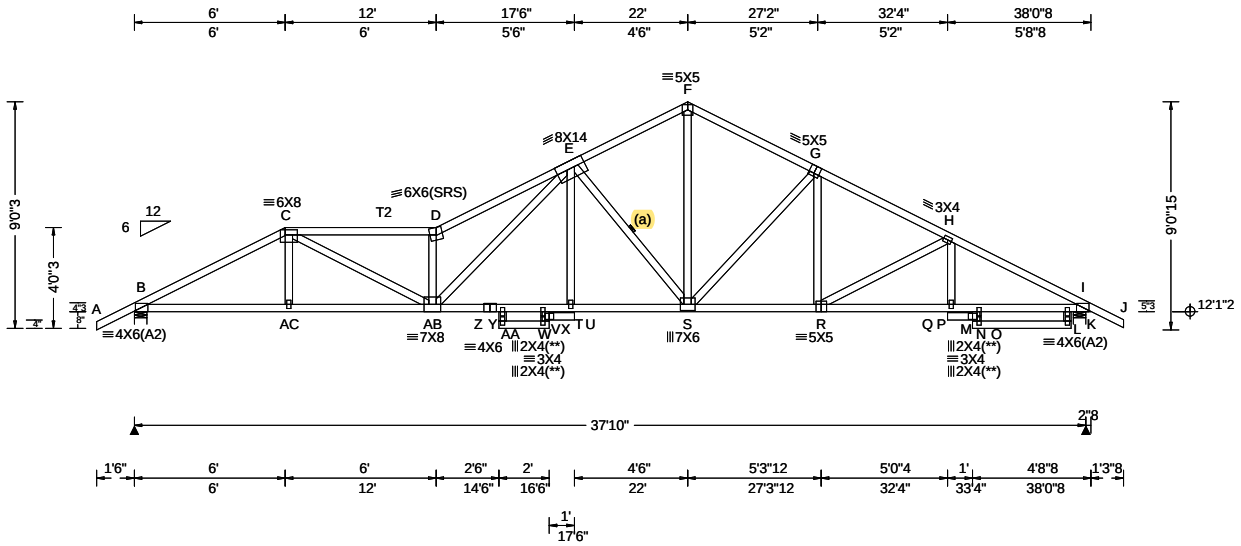
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682531 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B03	Cust: R 215 JRef:1XLa2150003 T80 DrwNo: 341.22.1105.12836 KD / WHK 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.07 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.318	D	999	240
VERT(CL): 0.638	D	708	180
HORZ(LL): 0.090	K	-	-
HORZ(TL): 0.182	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.639
Max BC CSI: 0.799
Max Web CSI: 0.995

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1665	/-	/-	/976	/62	/252
L	1655	/-	/-	/975	/54	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.0 (Truss)
L Brg Wid = 6.0 Min Req = 2.0 (Truss)
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	896	- 2927	F - G	650	- 2064
C - D	1253	- 4101	G - H	691	- 2530
D - E	1528	- 4780	H - I	709	- 2923
E - F	671	- 2060			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AC	2544	- 704	U - S	2573	- 564
AC-AB	2549	- 702	S - R	2188	- 431
AB-AA	2572	- 564	R - P	2541	- 544
AA- Y	2572	- 564	P - M	2543	- 542
Y - V	2572	- 558	M - L	2541	- 537
V - U	2572	- 564	L - I	2543	- 542

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AB	1749	- 494	F - S	1490	- 433
AB- D	915	- 2435	S - G	215	- 601
AB- E	2381	- 863	R - H	132	- 404
E - S	436	- 1243			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 4 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.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 8-4-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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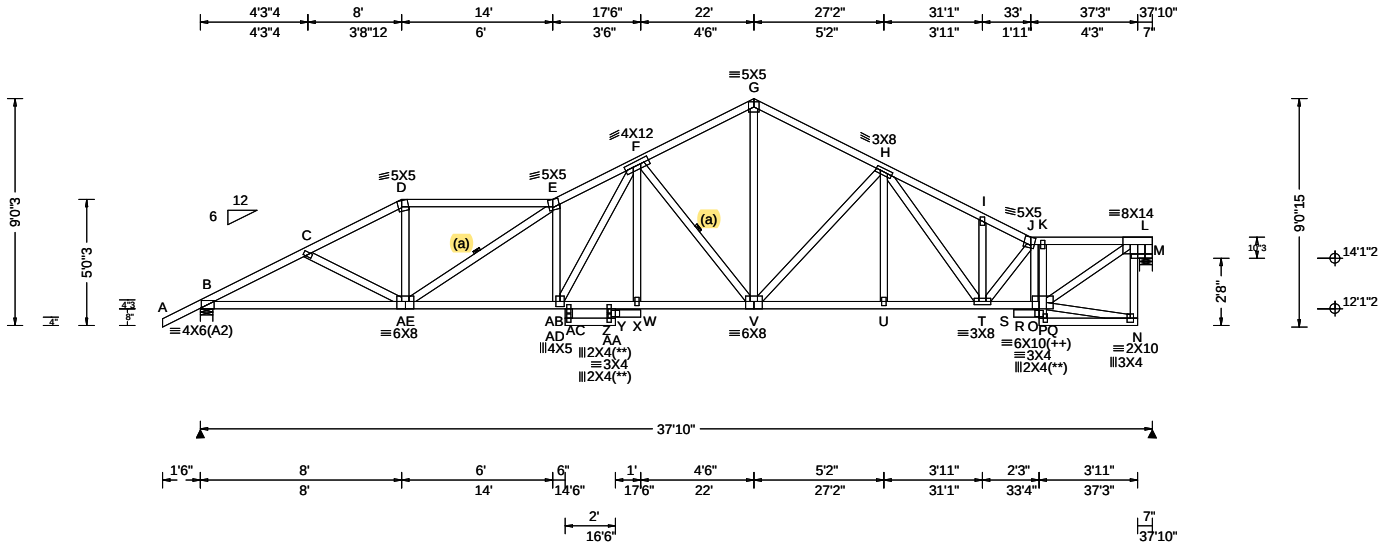
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 682550 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B04	Cust: R 215 JRef:1XLa2150003 T19 DrwNo: 341.22.1105.12840 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.07 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.249	W	999	240
VERT(CL): 0.499	W	897	180
HORZ(LL): 0.083	N	-	-
HORZ(TL): 0.170	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.660
Max BC CSI: 0.856
Max Web CSI: 0.985

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1650	/-	/-	/977	/54	/226
M	1554	/-	/-	/821	/65	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
M Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	920	- 2897	G - H	677	- 2022
C - D	870	- 2700	H - I	838	- 2635
D - E	836	- 2413	I - J	763	- 2598
E - F	1210	- 3641	J - K	680	- 2257
F - G	684	- 2011	K - L	677	- 2242

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AE	2525	- 881	X - V	2512	- 710
AE-AD	3309	- 1020	V - U	2122	- 566
AD-AB	2511	- 710	U - T	2121	- 567
AB- Y	2514	- 702	T - R	2315	- 695
Y - X	2511	- 710	R - O	2434	- 720

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D -AE	836	- 141	V - H	210	- 553
AE- E	337	- 1089	J - R	229	- 978
E -AD	569	- 1265	K - O	222	- 430
AD- F	1517	- 591	O - L	2587	- 774
F - V	447	- 1201	L - M	596	- 1499
G - V	1420	- 438			

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

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

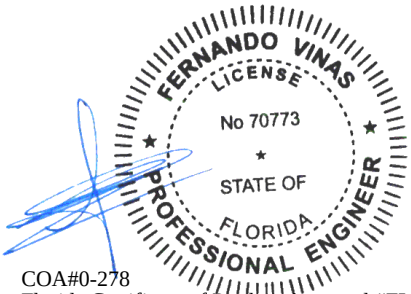
Plating Notes
All plates are 2X4 except as noted.
(++) - This plate works for both joints covered.
(**) 3 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

Additional Notes
The overall height of this truss excluding overhang is 8-4-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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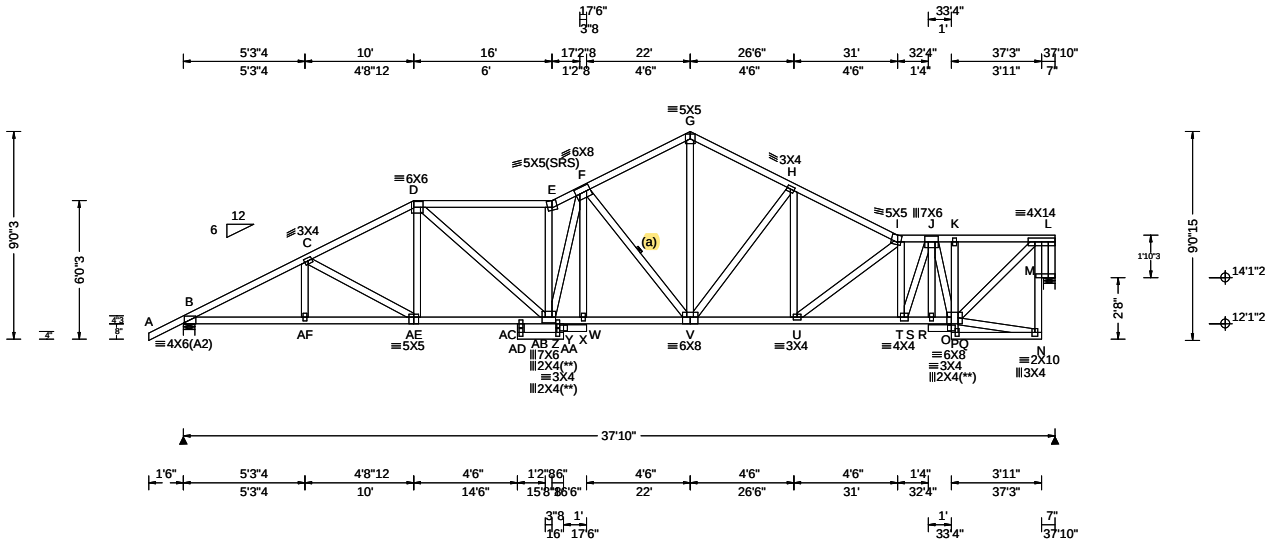
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682555 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B05	Cust: R 215 JRef:1XLa2150003 T52 DrwNo: 341.22.1105.13446 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.07 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.221	W	999	240
VERT(CL): 0.450	W	993	180
HORZ(LL): 0.075	N	-	-
HORZ(TL): 0.153	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.720
Max BC CSI: 0.778
Max Web CSI: 0.797

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1650	/-	/-	/987	/60	/225
M	1554	/-	/-	/799	/104	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
M Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	873	- 2894	G - H	722	- 2008
C - D	861	- 2559	H - I	767	- 2373
D - E	960	- 2766	I - J	726	- 2223
E - F	1110	- 3139	J - K	548	- 1605
F - G	715	- 2012	K - L	546	- 1598

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AF	2518	- 872	X - V	2518	- 803
AF-AE	2517	- 874	V - U	2062	- 627
AE-AC	2238	- 768	U - T	2308	- 756
AC-AB	2241	- 758	T - R	1859	- 621
AB- Y	2520	- 793	R - O	1873	- 625
Y - X	2517	- 803			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D -AB	795	- 215	I - T	366	- 1045
AB- E	668	- 1569	T - J	1146	- 331
AB- F	1201	- 510	J - O	259	- 908
F - V	483	- 1219	O - L	2074	- 703
G - V	1459	- 498	L - M	639	- 1490
V - H	222	- 541			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 3 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.

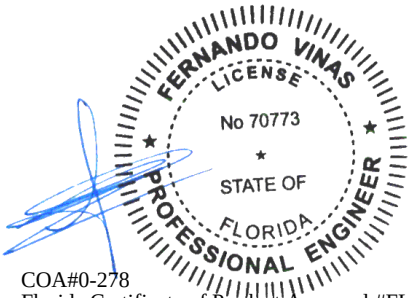
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 8-4-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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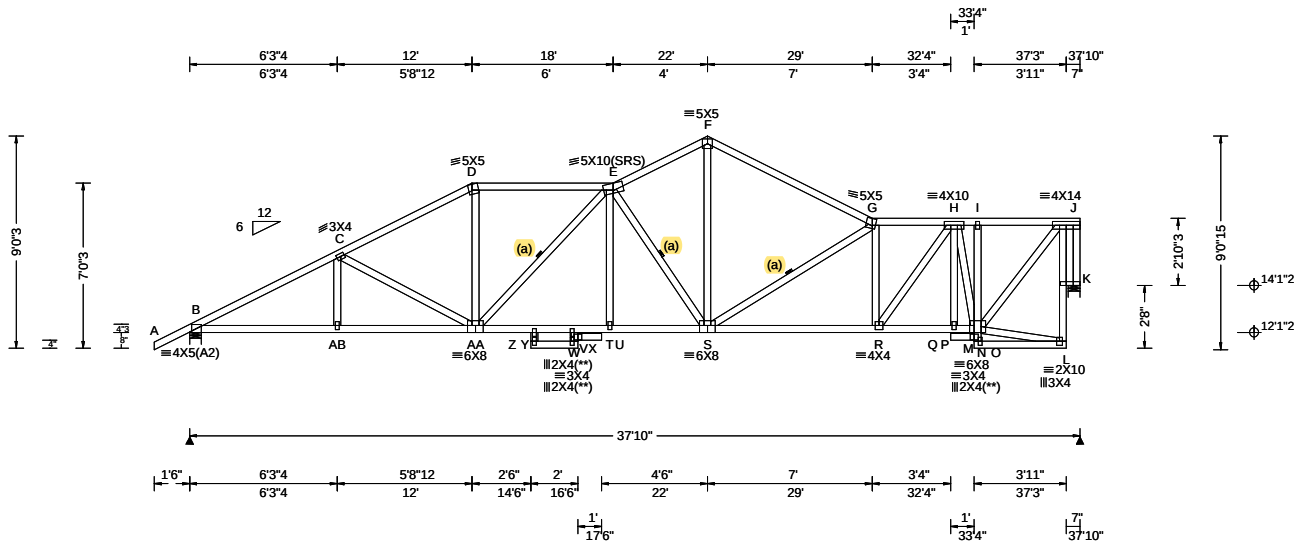
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682561 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B06	Cust: R 215 JRef:1XLa2150003 T66 DrwNo: 341.22.1105.13258 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.07 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.203	U	999	240
VERT(CL): 0.382	U	999	180
HORZ(LL): 0.071	L	-	-
HORZ(TL): 0.145	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.748
Max BC CSI: 0.686
Max Web CSI: 0.698

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1650	/-	/-	/998	/68	/225
K	1554	/-	/-	/796	/140	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
K Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & 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	865	- 2878	F - G	794	- 2058
C - D	857	- 2398	G - H	815	- 2185
D - E	812	- 2092	H - I	488	- 1244
E - F	819	- 2005	I - J	487	- 1240

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AB	2497	- 892	T - S	2371	- 885
AB-AA	2495	- 894	S - R	2245	- 842
AA- Y	2373	- 884	R - P	1446	- 563
Y - V	2372	- 879	P - M	1458	- 567
V - T	2373	- 884			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AA	166	- 509	G - R	430	- 935
D -AA	656	- 139	R - H	1290	- 440
AA- E	183	- 543	H - M	337	- 914
E - S	475	- 1114	M - J	1832	- 715
F - S	1376	- 487	J - K	707	- 1494
S - G	272	- 596			

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

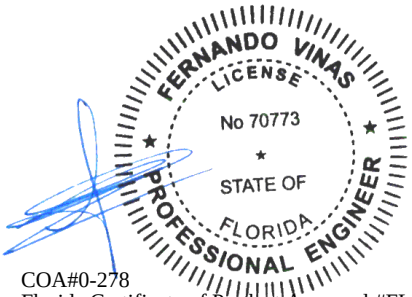
Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 2X4 except as noted.
(**) 3 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.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 8-4-3.
Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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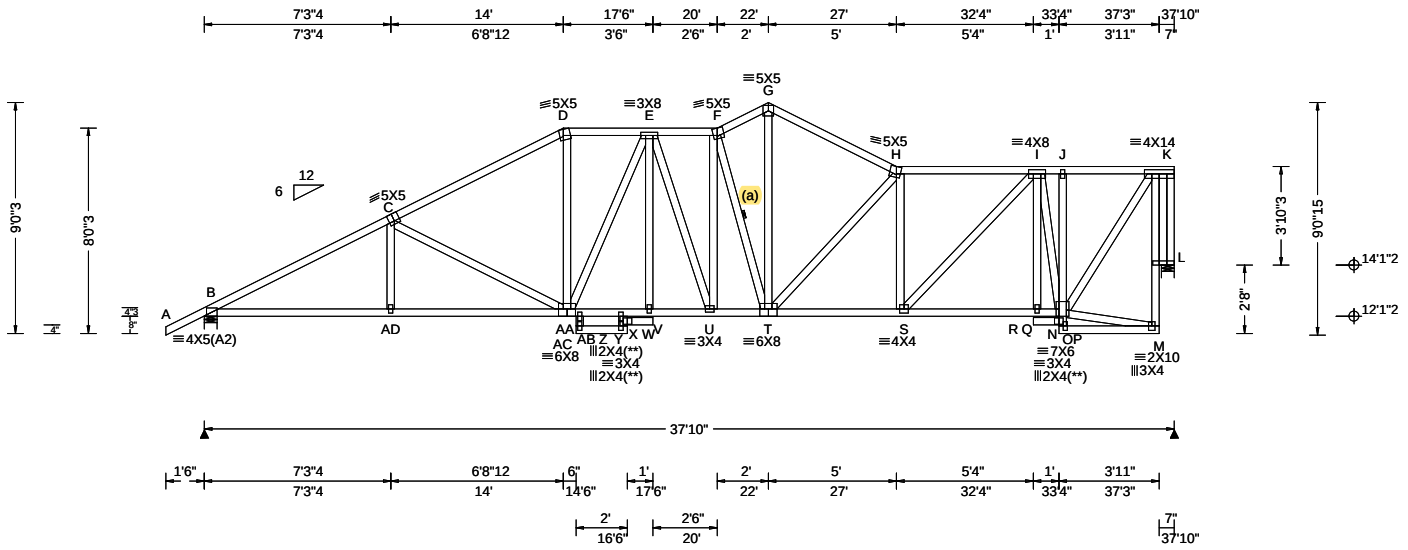
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682566 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B07	Cust: R 215 JRef:1XLa2150003 T20 DrwNo: 341.22.1105.13306 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.07 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.179	V	999	240
VERT(CL): 0.365	V	999	180
HORZ(LL): 0.063	M	-	-
HORZ(TL): 0.129	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.598
Max BC CSI: 0.701
Max Web CSI: 0.731

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1647	/-	/-	/1010	/78	/224
L	1554	/-	/-	/806	/175	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
L Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	854	- 2843	G - H	813	- 2014
C - D	811	- 2234	H - I	813	- 2057
D - E	785	- 1922	I - J	424	- 1017
E - F	838	- 2010	J - K	423	- 1014
F - G	826	- 1940			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AD	2459	- 911	W - U	2011	- 765
AD-AC	2456	- 913	U - T	2009	- 769
AC-AA	2011	- 765	T - S	2099	- 834
AA- X	2018	- 757	S - Q	1212	- 504
X - W	2011	- 765	Q - N	1219	- 511

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AC	212	- 644	H - S	389	- 797
D -AC	615	- 170	S - I	1237	- 452
F - T	439	- 986	I - N	444	- 1080
G - T	1443	- 564	N - K	1701	- 705
T - H	262	- 548	K - L	737	- 1491

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

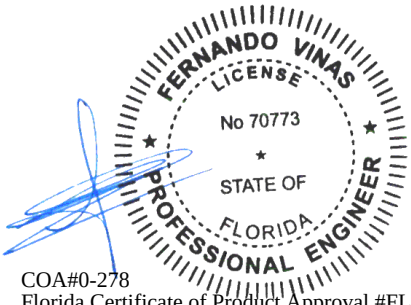
Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 2X4 except as noted.
(**) 3 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.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 8-4-3.
Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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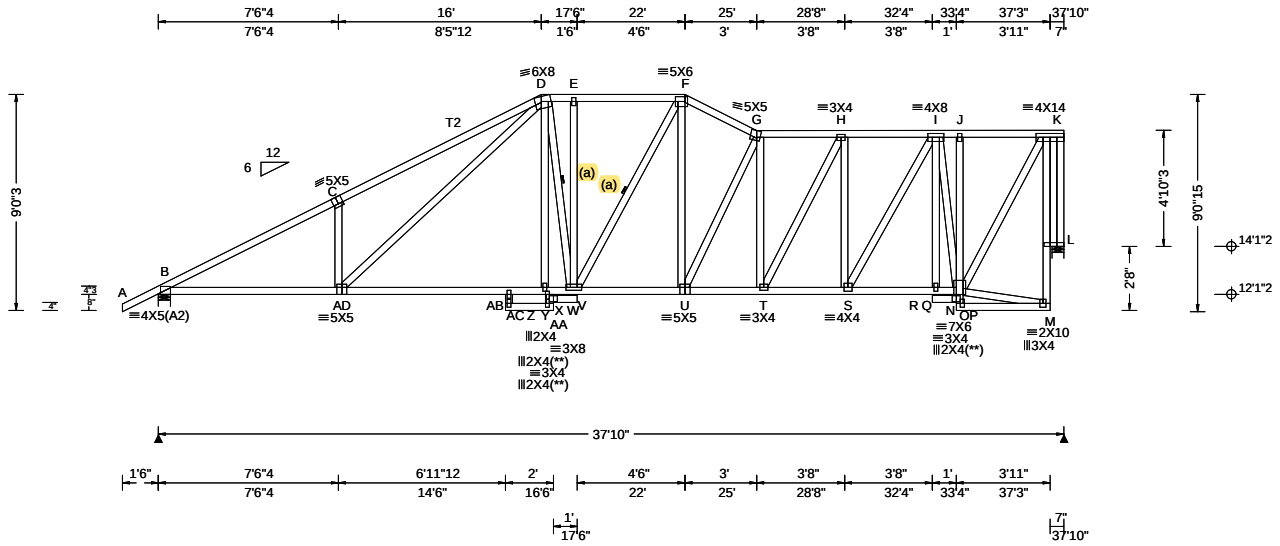
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682751 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B08	Cust: R 215 JRef:1XLa2150003 T71 DrwNo: 341.22.1105.13633 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.07 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.155	AC	999	240
VERT(CL): 0.291	AC	999	180
HORZ(LL): 0.055	M	-	-
HORZ(TL): 0.112	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.665
Max BC CSI: 0.786
Max Web CSI: 0.842

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1647	/-	/-	/1025	/109	/224
L	1554	/-	/-	/815	/230	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
L Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	857	- 2852	G - H	791	- 1913
C - D	1017	- 2854	H - I	662	- 1560
D - E	780	- 1773	I - J	375	- 859
E - F	779	- 1772	J - K	374	- 857
F - G	822	- 1969			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AD	2471	- 954	W - U	1733	- 708
AD-AB	1778	- 723	U - T	1939	- 802
AB-AA	1791	- 713	T - S	1599	- 681
AA- X	1794	- 712	S - Q	1012	- 439
X - W	1781	- 722	Q - N	1020	- 445

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AD	296	- 498	H - S	432	- 893
AD- D	946	- 297	S - I	1123	- 456
F - U	541	- 190	I - N	422	- 995
U - G	253	- 501	N - K	1619	- 702
G - T	258	- 584	K - L	763	- 1490
T - H	709	- 249			

Lumber

Top chord: 2x4 SP #2; T2 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 3 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.

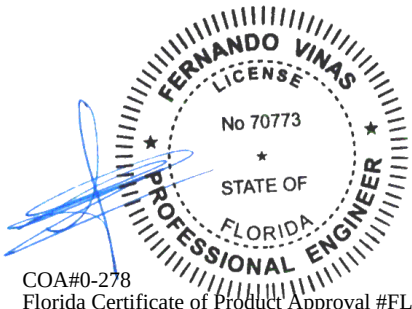
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 8-4-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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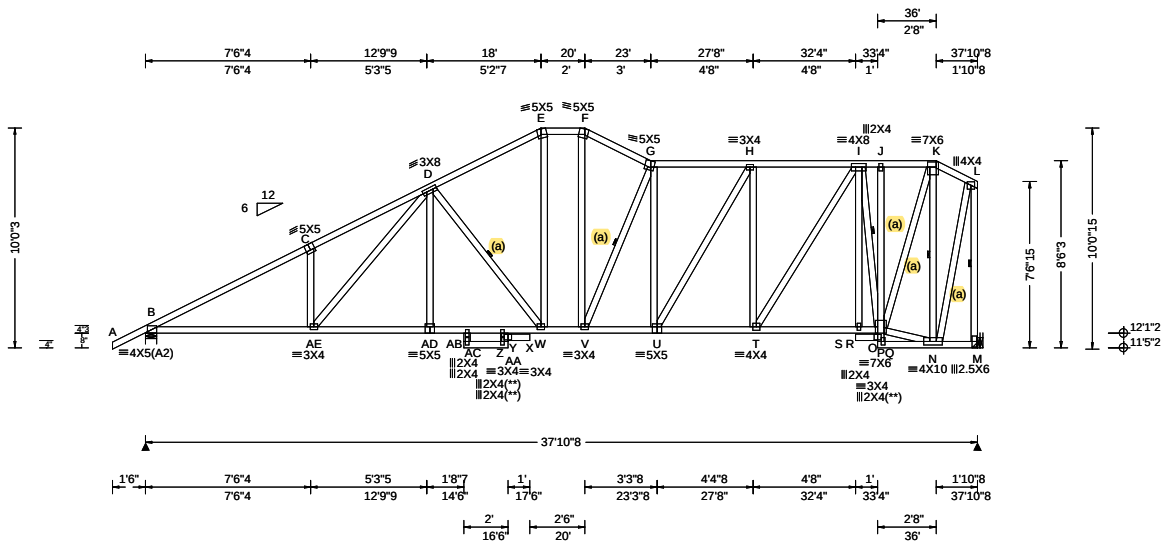
SEQN: 682575 / MONO FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B09	Cust: R 215 JRef:1XLa2150003 T22 DrwNo: 341.22.1105.13383 KD / FV 12/07/2022



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.179 X 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.375 X 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.059 N - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.120 N - -
NCBCLL:	10.00	Mean Height: 16.57 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.754
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.731
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.904
		C&C Dist a: 3.79 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1668	/-	/-	/1042	/103	/251
M	1551	/-	/-	/820	/186	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.0 (Truss)
M 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	792	- 2863	G - H	759	- 1839
C - D	905	- 2820	H - I	663	- 1532
D - E	737	- 1890	I - J	386	- 818
E - F	704	- 1619	J - K	384	- 815
F - G	766	- 1851	K - L	194	- 430

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AE	2473	- 892	W - V	1619	- 615
AE-AD	2042	- 762	V - U	1856	- 732
AD-AB	2043	- 762	U - T	1564	- 645
AB- Y	2044	- 756	T - R	961	- 405
Y - W	2043	- 762	R - O	968	- 411

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AE	217	- 397	H - T	408	- 817
AE- D	680	- 194	T - I	1087	- 426
D - W	237	- 725	I - O	463	- 1068
E - W	593	- 165	O - K	1487	- 633
F - V	663	- 282	N - K	602	- 1350
V - G	379	- 717	N - L	1344	- 556
G - U	187	- 431	L - M	651	- 1535
U - H	564	- 163			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

(**) 3 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.

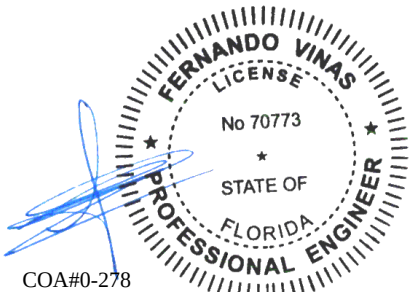
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-4-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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Hangers / Ties

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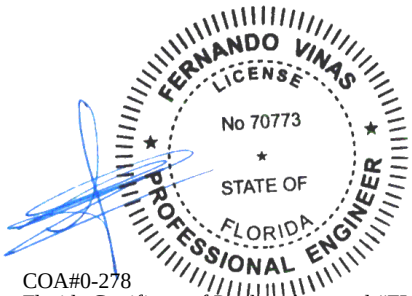
Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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.

Bearing at location x=37'7"8 uses the following support conditions: 37'7"8
Bearing M (37'7"8, 11'5"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.



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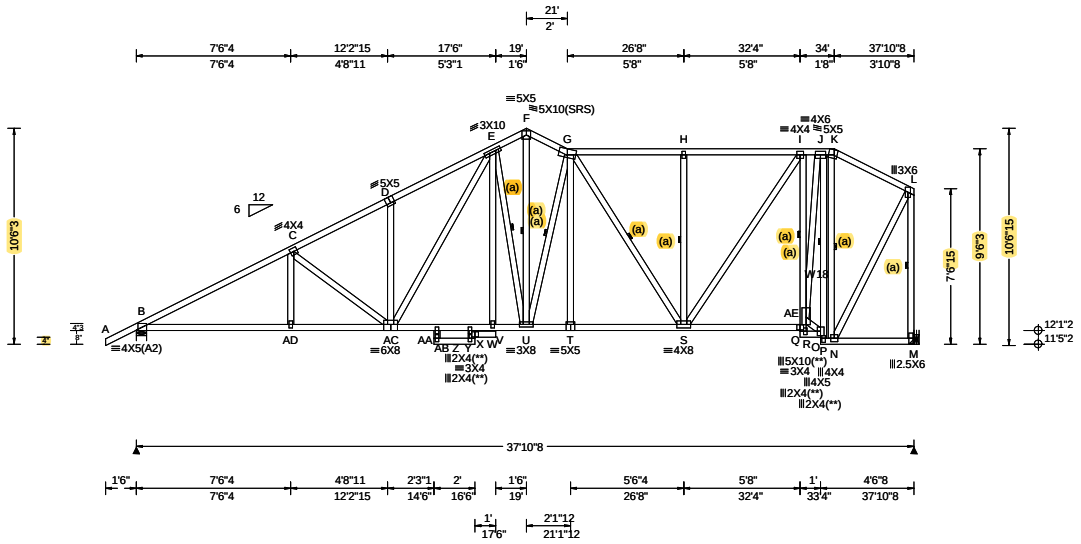
SEQN: 682579 / SPEC FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B10	Cust: R 215 JRef:1XLa2150003 T33 DrwNo: 341.22.1105.13117 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.79 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.196	V	999	240
VERT(CL): 0.397	V	999	180
HORZ(LL): 0.100	N	-	-
HORZ(TL): 0.204	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.782
Max BC CSI: 0.718
Max Web CSI: 0.908

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	1668	/-	/-	/1049	/115	/265
M	1551	/-	/-	/817	/170	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.0 (Truss)
M 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	774	- 2862	G - H	661	- 1461
C - D	759	- 2394	H - I	661	- 1460
D - E	856	- 2387	I - J	430	- 836
E - F	749	- 1748	J - K	353	- 647
F - G	750	- 1745	K - L	330	- 746

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AD	2470	- 875	U - T	1699	- 654
AD-AC	2467	- 877	T - S	1700	- 653
AC-AA	1679	- 626	S - Q	863	- 352
AA- X	1681	- 620	R - O	556	- 237
X - W	1679	- 626	P - N	638	- 253
W - U	1679	- 626			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AC	159	- 530	I -AE	696	- 1431
AC- E	798	- 255	AE- J	1547	- 682
E - U	274	- 710	J - O	217	- 570
F - U	1411	- 631	O - P	197	- 520
U - G	394	- 703	K - N	290	- 567
G - S	115	- 444	N - L	1356	- 537
H - S	327	- 407	L - M	664	- 1588
S - I	1094	- 430			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W18 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 5 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.

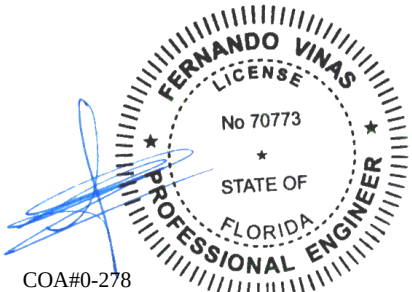
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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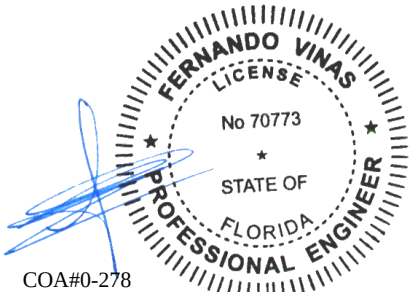
Bearing M (37'7"8, 11'5"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.



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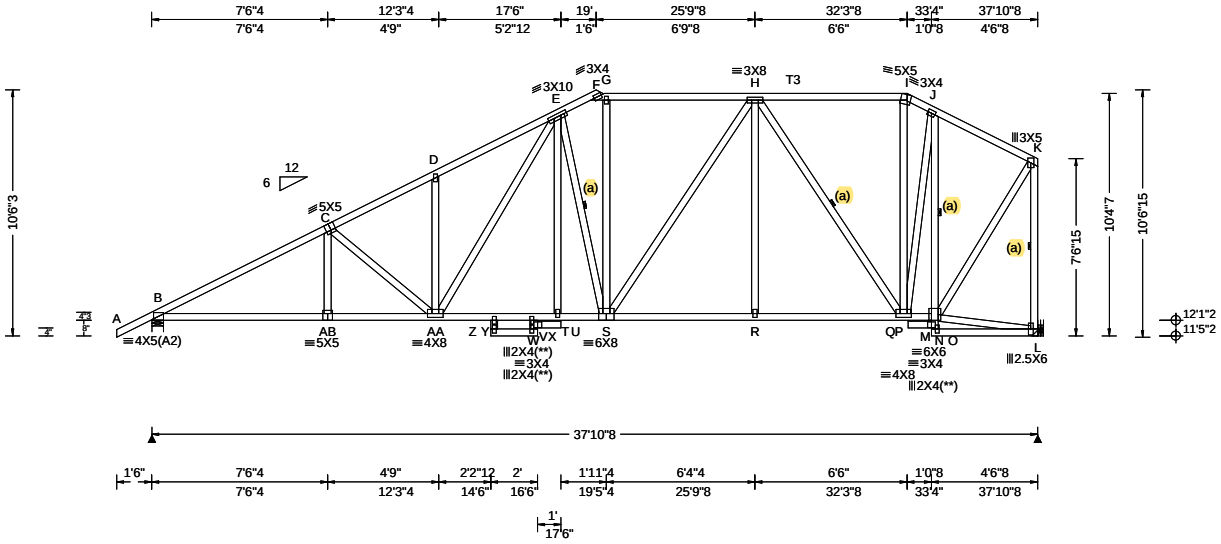
SEQN: 682584 / SPEC FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B11	Cust: R 215 JRef:1XLa2150003 T48 DrwNo: 341.22.1105.12841 KD / FV 12/07/2022



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.176 T 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.323 T 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.054 N - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.110 N - -
NCBCLL:	10.00	Mean Height: 16.82 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.809
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.724
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.685
		C&C Dist a: 3.79 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1665	/-	/-	/1057	/125	/265
L	1550	/-	/-	/811	/155	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.0 (Truss)
L Brg Wid = - Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	786	- 2849	G - H	686	- 1520
C - D	778	- 2410	H - I	435	- 811
D - E	884	- 2421	I - J	476	- 932
E - F	734	- 1689	J - K	357	- 840
F - G	580	- 1282			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AB	2457	- 892	U - S	1671	- 641
AB-AA	2455	- 893	S - R	1399	- 567
AA- Y	1670	- 641	R - Q	1399	- 567
Y - V	1672	- 636	Q - M	716	- 277
V - U	1670	- 641			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AA	149	- 500	Q - J	654	- 258
AA- E	824	- 268	J - M	384	- 931
E - S	245	- 642	M - K	1258	- 482
G - S	513	- 169	K - L	606	- 1508
H - Q	459	- 1052			

Lumber

Top chord: 2x4 SP #2; T3 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 3 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.

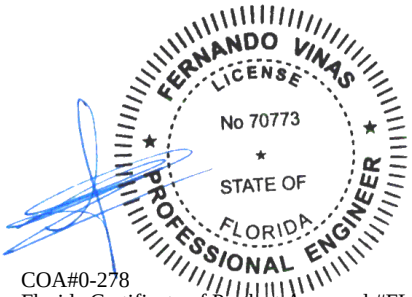
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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

Hangers / Ties

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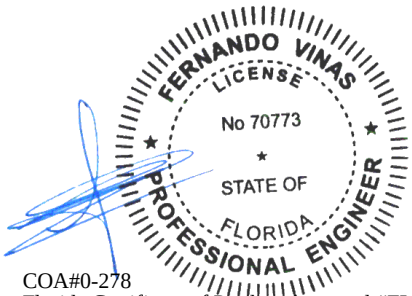
Bearing at location x=37'7"8 uses the following support conditions: 37'7"8
Bearing L (37'7"8, 11'5"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.



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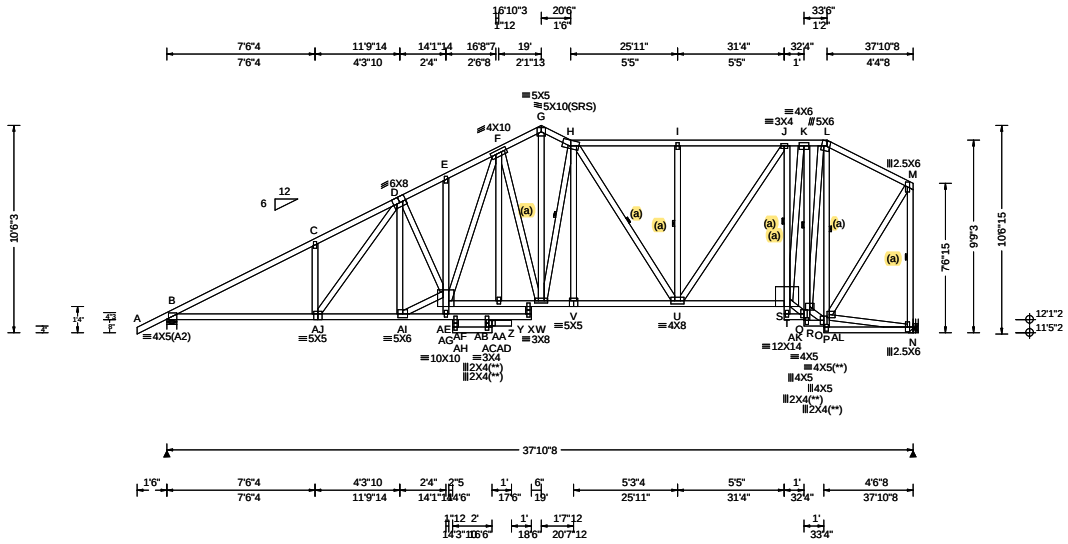
Glenview, IL 60025

SEQN: 682627 / SPEC FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B12	Cust: R 215 JRef:1XLa2150003 T37 DrwNo: 341.22.1105.13101 KD / FV 12/07/2022



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.79 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.209 Z	999	240
VERT(CL):	0.395 Z	999	180
HORZ(LL):	0.098 N	-	-
HORZ(TL):	0.201 N	-	-

Creep Factor: 2.0
Max TC CSI: 0.740
Max BC CSI: 0.737
Max Web CSI: 0.995

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1668	/-	/-	/1051	/119	/265
N	1551	/-	/-	/815	/167	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.0 (Truss)
N 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	782	- 2859	H - I	723	- 1588
C - D	889	- 2812	I - J	723	- 1588
D - E	892	- 2535	J - K	518	- 1038
E - F	947	- 2536	K - L	432	- 828
F - G	788	- 1870	L - M	361	- 816
G - H	809	- 1857			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AJ	2469	- 886	W - V	1791	- 694
AJ-AI	2111	- 774	V - U	1792	- 693
AG-AA	1793	- 680	U - S	1065	- 435
AA- Y	1772	- 672	R - O	404	- 163
Y - W	1846	- 700			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AJ	214	- 382	I - U	314	- 394
AJ- D	620	- 177	J - S	518	- 1009
D -AI	354	- 878	S - K	1673	- 726
D -AG	406	- 145	S - Q	964	- 374
AI-AG	2201	- 803	K -AK	664	- 1563
AG- F	1149	- 372	AK- Q	256	- 613
F - W	274	- 689	AK- L	1161	- 490
G - W	1468	- 637	AL- L	491	- 1128
W - H	414	- 745	AL- M	1224	- 482
H - U	93	- 408	M - N	618	- 1466
U - J	948	- 376			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 5 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.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

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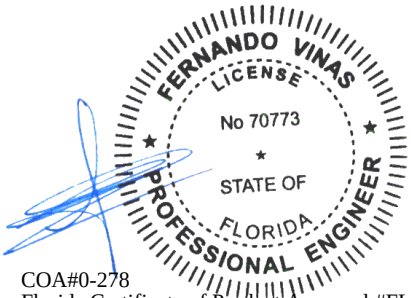

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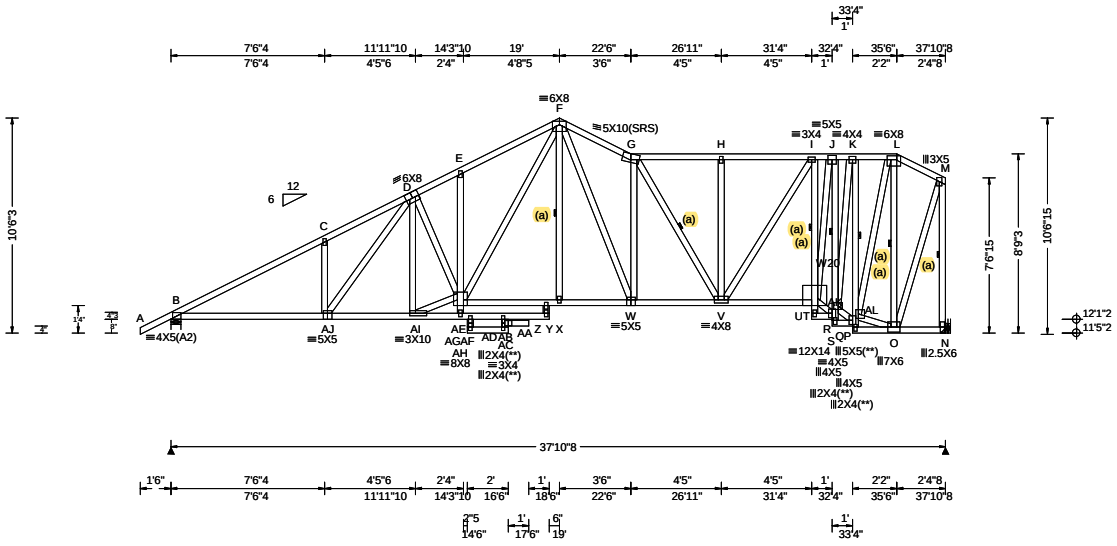
SEQN: 682631 / SPEC FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B13	Cust: R 215 JRef:1XLa2150003 T40 DrwNo: 341.22.1105.12837 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.210 AA 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.397 AA 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.101 O - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.207 O - -
NCBCLL: 10.00	Mean Height: 16.82 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.737
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.737
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.830
	C&C Dist a: 3.79 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 21.02.01.1216.14
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1668	/-	/-	/1043	/104	/265
N	1551	/-	/-	/823	/182	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.0 (Truss)
N 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	757	- 2860	H - I	719	- 1712
C - D	864	- 2813	I - J	534	- 1183
D - E	844	- 2499	J - K	432	- 930
E - F	940	- 2541	K - L	366	- 761
F - G	926	- 2257	L - M	229	- 515
G - H	719	- 1712			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AJ	2469	- 854	X - W	1659	- 591
AJ-AI	2110	- 739	W - V	1986	- 744
AG- Z	1600	- 569	V - T	1214	- 496
Z - X	1659	- 591	S - P	463	- 189

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AJ	217	- 383	T - J	1739	- 715
AJ- D	622	- 181	T - R	1097	- 441
D -AI	312	- 801	J -AK	685	- 1665
D -AG	380	- 133	AK- R	298	- 698
AI-AG	2178	- 759	AK- K	1212	- 486
AG- F	1129	- 395	AK- P	402	- 163
F - W	895	- 470	K -AL	611	- 1413
G - W	475	- 754	AL- L	1356	- 565
G - V	130	- 522	O - L	537	- 1227
V - I	953	- 345	O - M	1326	- 529
I - T	452	- 979	M - N	639	- 1536

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W20 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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Purlins

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Wind

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Right end vertical not exposed to wind pressure.

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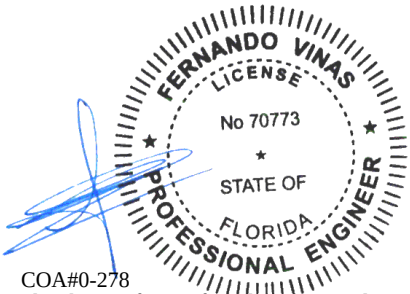
Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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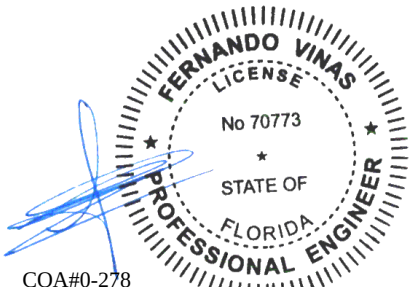
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.



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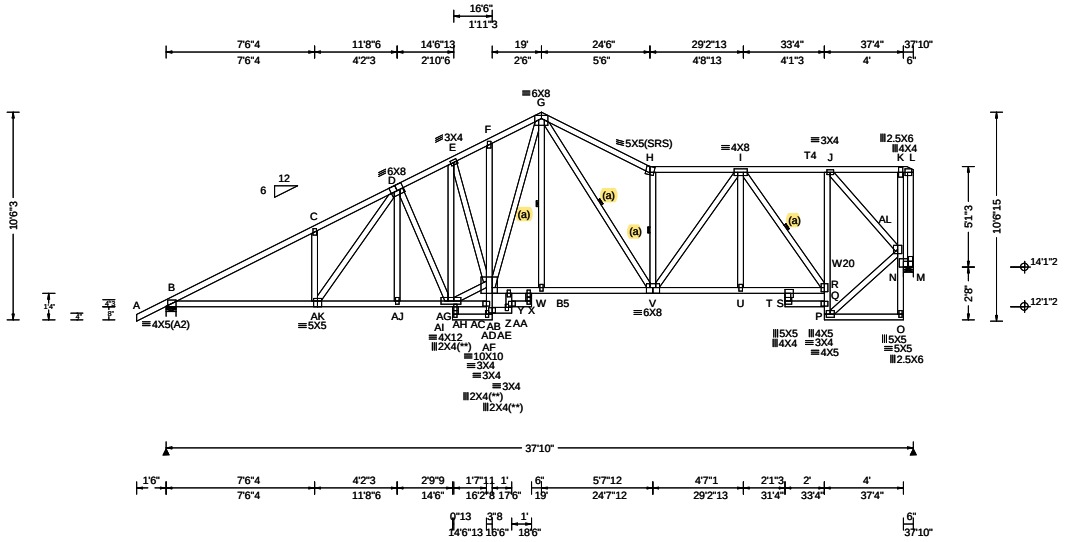
Glenview, IL 60025

SEQN: 682605 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B14	Cust: R 215 JRef:1XLa2150003 T50 DrwNo: 341.22.1105.12665 KD / FV 12/07/2022



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.281 H 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.574 H 788 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.283 O - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.578 O - -
NCBCLL:	10.00	Mean Height: 16.82 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.737
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.735
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.970
		C&C Dist a: 3.78 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 21.02.01.1216.14
		GCpi: 0.18	WAVE	
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1667	/-	/-	/1034	/88	/265
N	1549	/-	/-	/826	/198	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.0 (Truss)
N Brg Wid = 6.0 Min Req = 1.8 (Truss)
Bearings B & N are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	712	- 2857	F - G	827	- 2240
C - D	817	- 2808	G - H	972	- 2550
D - E	696	- 2163	H - I	784	- 2183
E - F	783	- 2268	I - J	372	- 920

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AK	2466	- 824	Y - W	1655	- 554
AK-AJ	2114	- 710	W - V	1655	- 554
AJ-AI	2114	- 710	V - U	1719	- 660
AC- Z	1569	- 521	U - S	1719	- 660
Z - Y	1621	- 539	S - Q	1350	- 504

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AK	213	- 379	V - I	824	- 214
AK- D	618	- 182	I - Q	478	- 1342
D -AI	158	- 510	R - P	307	- 676
AI- E	227	- 552	Q - R	363	- 761
AI-AC	2037	- 686	Q - J	471	- 36
E -AC	405	- 114	J -AL	487	- 1204
AC- G	1124	- 410	P -AL	1085	- 440
G - V	1046	- 486	K -AL	1472	- 556
H - V	634	- 1417	L - M	544	- 1357

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP M-31;
Bot chord: 2x4 SP #2; B5 2x4 SP M-31;
Webs: 2x4 SP #3; W20 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 3 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.

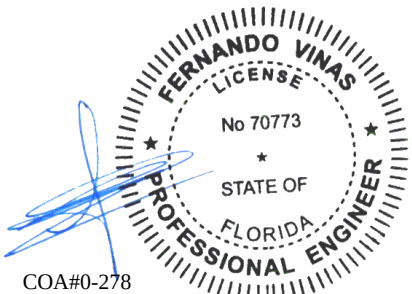
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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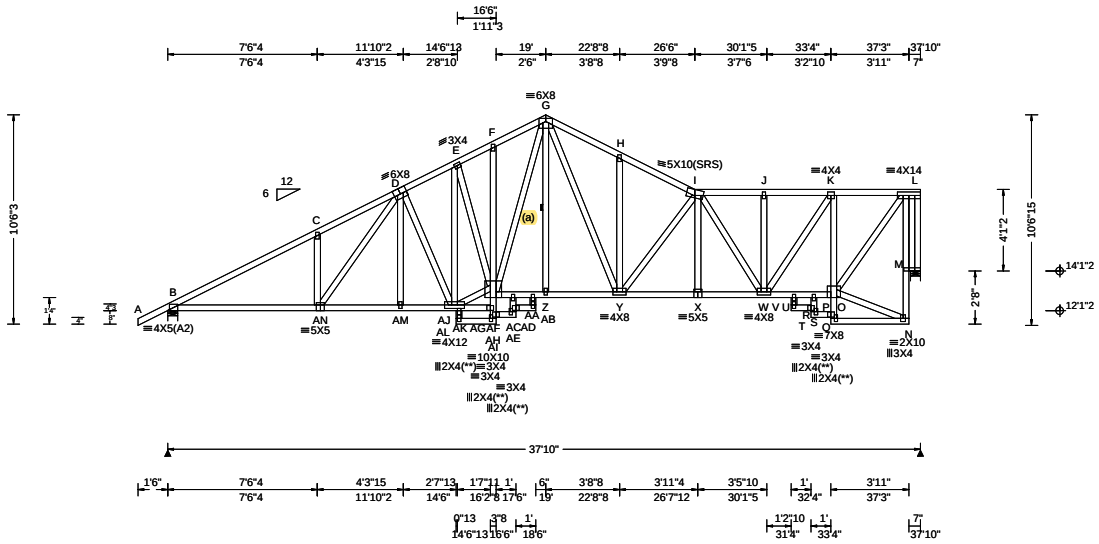
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682637 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B15	Cust: R 215 JRef:1XLa2150003 T51 DrwNo: 341.22.1105.13351 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.164	F	999	240
VERT(CL): 0.329	F	999	180
HORZ(LL): 0.088	N	-	-
HORZ(TL): 0.178	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.734
Max BC CSI: 0.811
Max Web CSI: 0.745

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	1650	/-	/-	/1016	/74	/265
M	1554	/-	/-	/817	/181	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
M Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	676	- 2821	G - H	815	- 2239
C - D	779	- 2773	H - I	729	- 2237
D - E	661	- 2126	I - J	628	- 1782
E - F	723	- 2184	J - K	628	- 1782
F - G	776	- 2174	K - L	416	- 1120

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AN	2435	- 756	Z - Y	1612	- 478
AN-AM	2081	- 642	Y - X	2318	- 772
AM-AL	2082	- 641	X - W	2321	- 771
AF-AC	1554	- 455	W - U	1150	- 429
AC-AB	1588	- 468	U - R	1145	- 424
AB- Z	1612	- 478	R - O	1126	- 412

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AN	214	- 379	Y - I	285	- 604
AN- D	619	- 184	I - W	256	- 984
D -AL	159	- 511	W - K	1186	- 364
AL- E	150	- 432	K - O	512	- 1226
AL-AF	1957	- 598	O - L	1750	- 645
AF- G	1048	- 372	L - M	696	- 1511
G - Y	894	- 381			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 5 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.

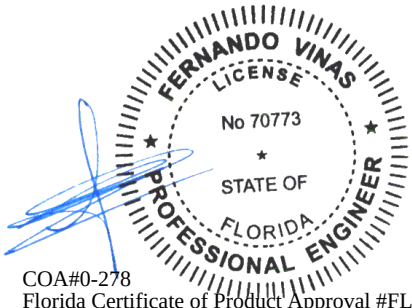
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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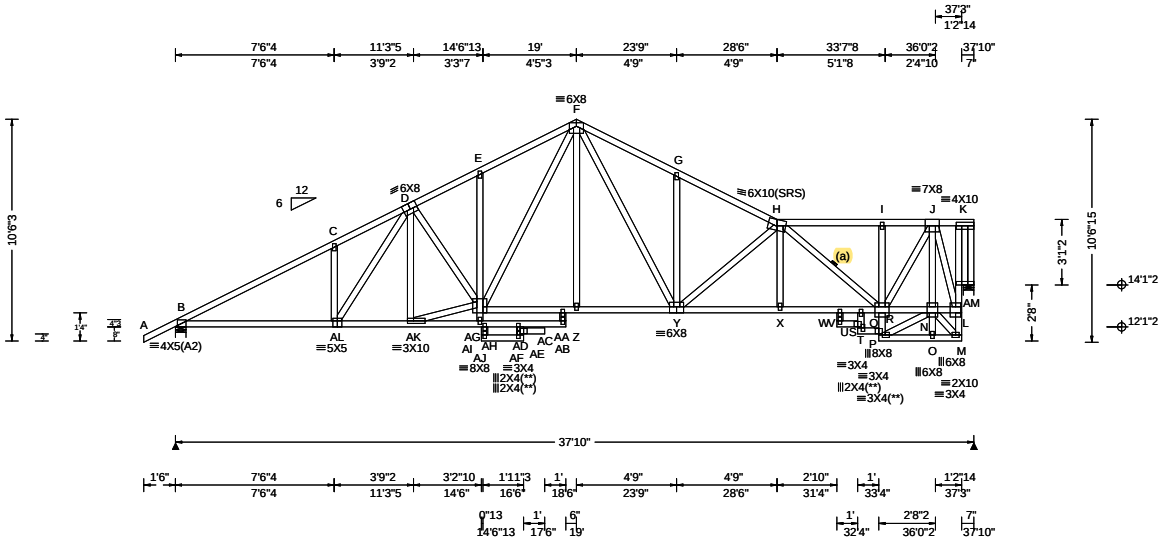
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682668 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B16	Cust: R 215 JRef:1XLa2150003 T54 DrwNo: 341.22.1105.13195 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.189	AC	999	240
VERT(CL): 0.358	AC	999	180
HORZ(LL): 0.086	M	-	-
HORZ(TL): 0.176	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.740
Max BC CSI: 0.736
Max Web CSI: 0.866

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1650	/-	/-	/1008	/65	/265
AM	1530	/-	/-	/794	/135	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
AM Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & AM 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	659	- 2819	F - G	817	- 2373
C - D	757	- 2767	G - H	714	- 2372
D - E	709	- 2427	H - I	460	- 1340
E - F	810	- 2450	I - J	460	- 1340

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AL	2433	- 704	X - V	2550	- 793
AL-AK	2124	- 602	V - S	2539	- 785
AI-AB	1568	- 408	S - Q	2542	- 784
AB- Z	1623	- 427	Q - N	506	- 175
Z - Y	1623	- 427	N - L	520	- 183
Y - X	2546	- 795			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL- D	579	- 173	H - Q	434	- 1589
D -AK	184	- 537	Q - J	1641	- 554
AK-AI	2107	- 592	J - L	509	- 1450
AI- F	1093	- 364	K -AM	2043	- 2045
F - Y	934	- 369	AM- L	1496	- 513
Y - H	291	- 636			

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

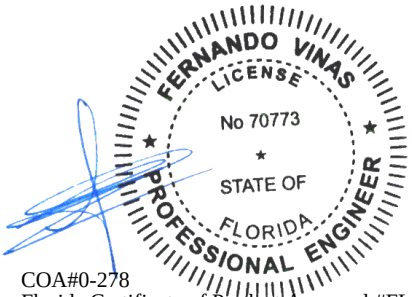
Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 2X4 except as noted.
(**) 4 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.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 9-10-3.
Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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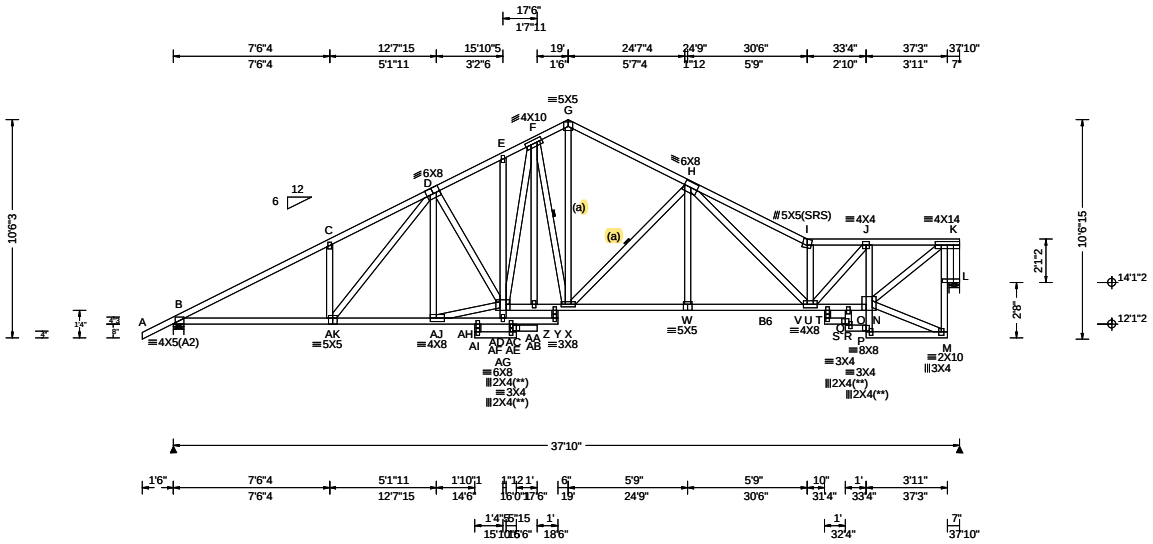
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682678 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B17	Cust: R 215 JRef:1XLa2150003 T49 DrwNo: 341.22.1105.13226 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.205	AA	999	240
VERT(CL): 0.411	AA	999	180
HORZ(LL): 0.098	M	-	-
HORZ(TL): 0.199	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.730
Max BC CSI: 0.726
Max Web CSI: 0.880

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1650	/-	/-	/1002	/57	/265
L	1554	/-	/-	/803	/110	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
L Brg Wid = 6.0 Min Req = 1.5 (Support)
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	647	- 2823	G - H	612	- 1908
C - D	758	- 2781	H - I	977	- 3164
D - E	666	- 2239	I - J	780	- 2699
E - F	717	- 2215	J - K	600	- 1919
F - G	614	- 1799			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AK	2437	- 656	X - W	2210	- 570
AK-AJ	2029	- 524	W - V	2204	- 572
AF-AB	1726	- 411	V - T	1966	- 615
AB- Z	1710	- 408	T - Q	1951	- 609
Z - X	1761	- 425	Q - N	1918	- 599

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AK	223	- 394	X - H	307	- 819
AK- D	664	- 198	H - V	821	- 355
D -AJ	167	- 436	I - V	582	- 1618
AJ-AF	2008	- 512	V - J	1182	- 253
AF- F	1049	- 319	J - N	375	- 1089
F - X	253	- 675	N - K	2309	- 715
G - X	1301	- 394	K - L	626	- 1508

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B6 2x4 SP M-31;
Webs: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

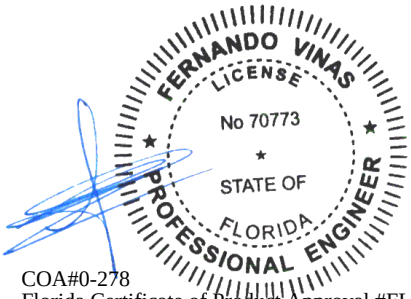
Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 2X4 except as noted.
(**) 4 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.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 9-10-3.
Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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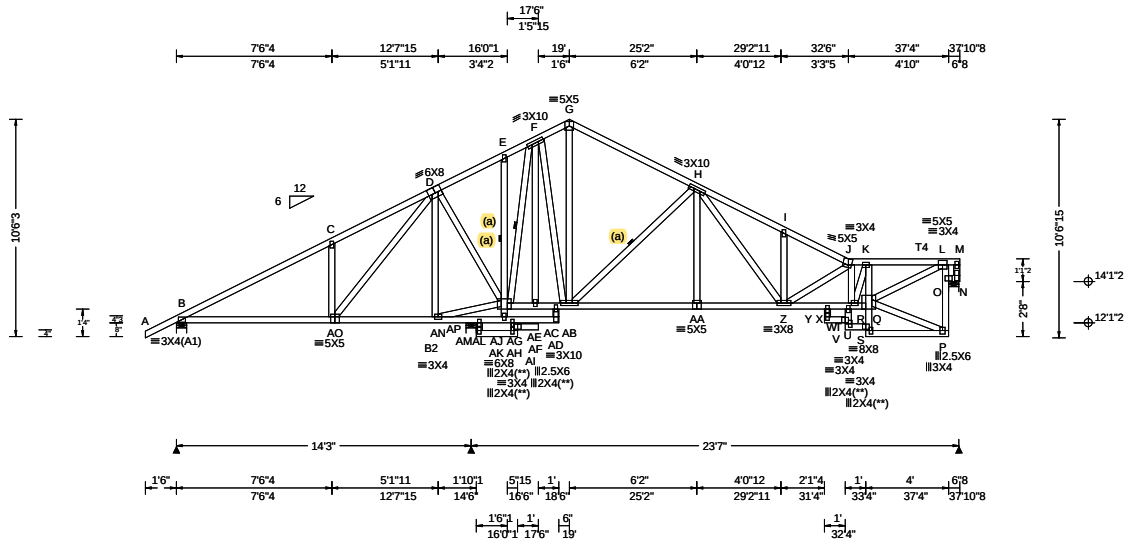
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682691 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B18	Cust: R 215 JRef:1XLa2150003 T56 DrwNo: 341.22.1105.12839 KD / FV 12/07/2022



Loading Criteria (psf)

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

Wind Criteria

Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.79 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.148	AE	999	240
VERT(CL): 0.276	AE	999	180
HORZ(LL): 0.042	G	-	-
HORZ(TL): 0.085	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.527
Max BC CSI: 0.667
Max Web CSI: 0.802

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	738	/-	/-	/459	/22	/265
AP	1582	/-	/-	/874	/58	/-
O	960	/-	/-	/540	/43	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
AP Brg Wid = 6.0 Min Req = 1.5 (Truss)
O Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, AP, & O 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	89	- 874	H - I	499	- 1628
C - D	203	- 842	I - J	419	- 1627
F - G	236	- 480	J - K	512	- 1817
G - H	223	- 586	K - L	574	- 1941

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AO	701	- 193	X - U	1829	- 505
AB-AA	1006	- 185	U - T	1819	- 501
AA- Z	1004	- 186	T - Q	2134	- 634
Z - X	1861	- 517			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AO	232	- 416	H - Z	708	- 277
AO- D	819	- 247	Z - J	219	- 532
D -AN	249	- 781	J - T	32	- 416
AJ-AK	299	- 914	T - K	278	- 589
AJ- F	212	- 839	Q - L	2105	- 619
F -AB	731	- 173	M - N	261	- 788
AB- H	287	- 811			

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP M-31;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

(**) 5 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.

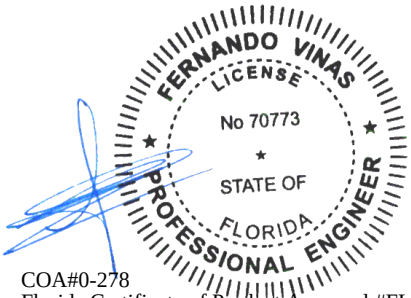
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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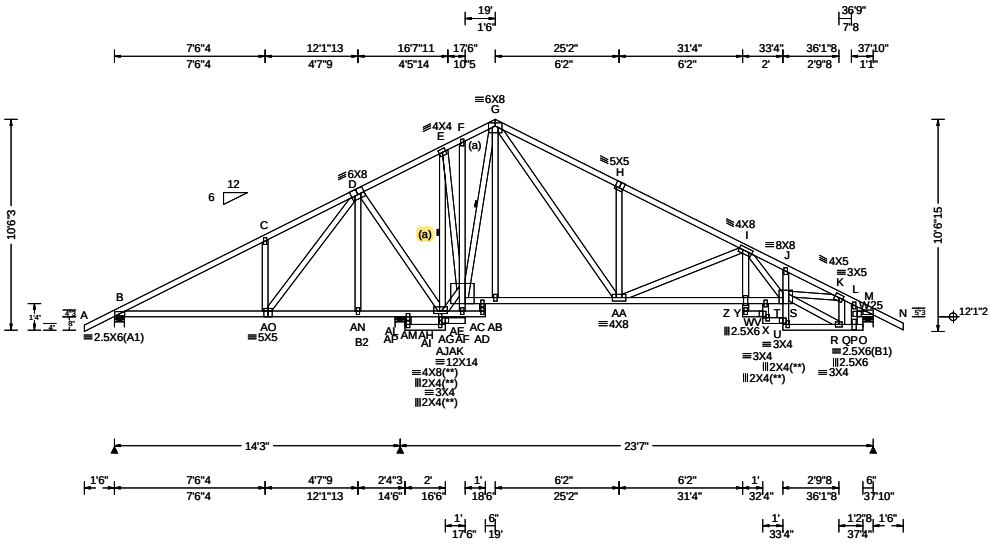
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682699 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B19	Cust: R 215 JRef:1XLa2150003 T38 DrwNo: 341.22.1105.12838 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.176	AE	999	240
VERT(CL): 0.351	AE	800	180
HORZ(LL): 0.085	O	-	-
HORZ(TL): 0.170	O	-	-

Creep Factor: 2.0
Max TC CSI: 0.538
Max BC CSI: 0.781
Max Web CSI: 0.728

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	888	/-	/-	/556	/52	/293
AP	1304	/-	/-	/707	/-	/-
M	1190	/-	/-	/755	/54	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
AP Brg Wid = 6.0 Min Req = 1.5 (Truss)
M Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, AP, & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	285	- 1197	H - I	404	- 1486
C - D	395	- 1158	I - J	631	- 2875
D - E	289	- 585	J - K	591	- 2852
E - F	360	- 743	K - L	229	- 971
F - G	355	- 655	L - M	336	- 1635
G - H	539	- 1492			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AO	988	- 204	AB-AA	658	- 8
AO-AN	505	- 144	AA- Y	1967	- 331
AN-AL	998	- 288	Y - V	1936	- 321
AL-AK	511	- 138	V - S	1913	- 320
AF-AD	643	- 9	R - Q	724	- 129
AD-AB	658	- 8	P - M	1423	- 250

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AO	222	- 399	G -AA	1039	- 334
AO- D	793	- 228	AA- H	261	- 417
D -AN	172	- 621	AA- I	211	- 769
AK- E	166	- 1338	I - S	955	- 183
AK-AF	562	- 103	S - R	675	- 113
E -AF	978	- 12	S - K	1835	- 319
AF- G	125	- 381	R - K	158	- 666

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3; W25 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

Wind

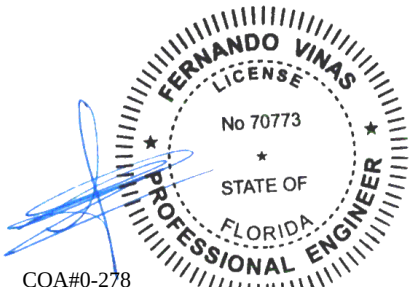
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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Florida Certificate of Product Approval #FL1999
12/07/2022

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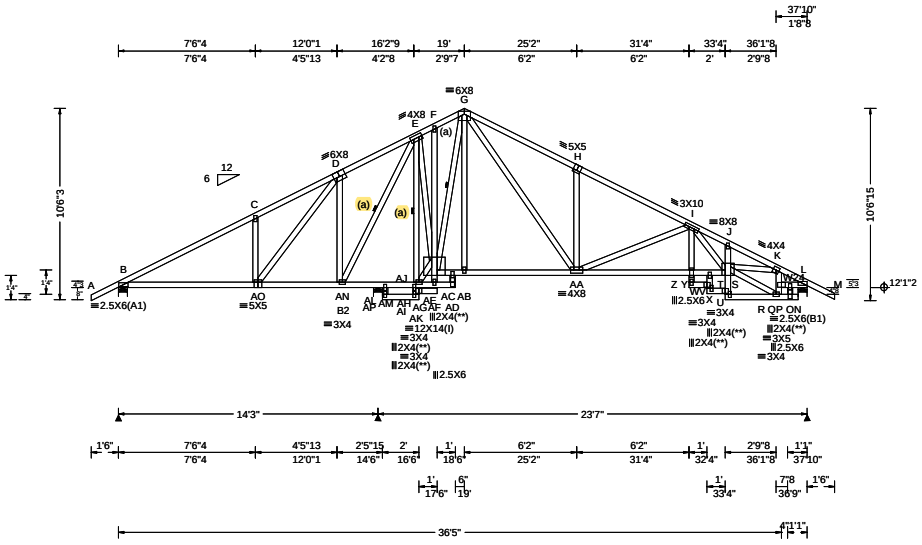
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682709 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B20	Cust: R 215 JRef:1XLa2150003 T4 DrwNo: 341.22.1105.13493 KD / FV 12/07/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.163 AE 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.331 AE 848 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.088 N - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.179 N - -
NCBCLL: 10.00	Mean Height: 16.82 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.525
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.765
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.923
	C&C Dist a: 3.78 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 21.02.01.1216.14
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3; W24 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

(**) 6 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.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	871	/-	/-	/544	/52	/293
AP	1296	/-	/-	/725	/-	/-
L	1171	/-	/-	/753	/55	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
AP Brg Wid = 6.0 Min Req = 1.5 (Truss)
L Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, AP, & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

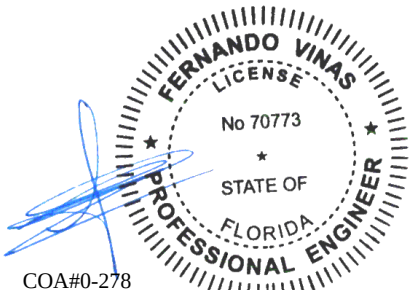
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	283	- 1165	G - H	538	- 1446
C - D	392	- 1125	H - I	402	- 1441
D - E	321	- 550	I - J	627	- 2809
E - F	358	- 705	J - K	588	- 2794
F - G	351	- 618	K - L	313	- 1430

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AO	958	- 201	AB-AA	628	- 5
AO-AN	478	- 142	AA- Y	1923	- 329
AN-AL	910	- 138	Y - V	1893	- 319
AL-AI	477	- 63	V - S	1870	- 318
AI-AH	455	- 69	Q - O	1067	- 193
AF-AD	623	- 6	O - L	1192	- 217
AD-AB	628	- 5			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AO	220	- 397	AA- H	261	- 417
AO- D	801	- 227	AA- I	211	- 765
D -AN	252	- 638	I - S	932	- 181
E -AH	204	- 1315	S - R	714	- 124
E -AF	1016	0	S - K	1750	- 307
AH-AF	579	- 110	R - Q	137	- 555
AF- G	111	- 431	K - Q	151	- 610
G -AA	1037	- 333			



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Florida Certificate of Product Approval #FL1999
12/07/2022

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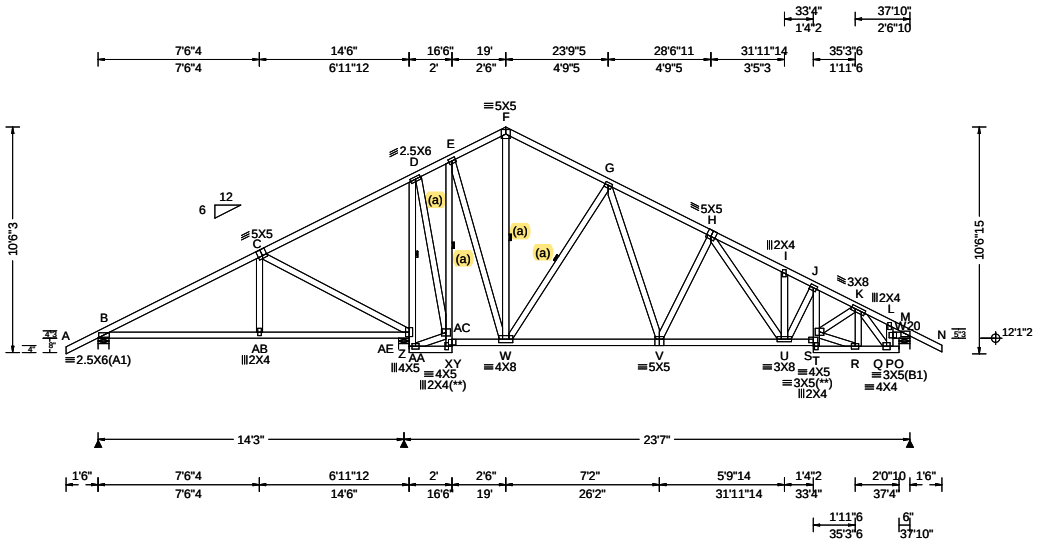
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682719 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B21	Cust: R 215 JRef:1XLa2150003 T81 DrwNo: 341.22.1105.13523 KD / FV 12/07/2022



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.050 H 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.102 H 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 O - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.030 O - -
NCBCLL:	10.00	Mean Height: 16.82 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.598
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.540
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.912
		C&C Dist a: 3.78 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	663	/-	/-	/377	/59	/293
AE	1647	/-	/-	/1016	/-	/-
M	1027	/-	/-	/718	/89	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
AE Brg Wid = 6.0 Min Req = 1.9 (Truss)
M Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, AE, & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	288	- 718	I - J	387	- 1280
F - G	335	- 386	J - K	377	- 1333
G - H	400	- 950	K - L	164	- 516
H - I	440	- 1308	L - M	253	- 1043

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AB	564	- 129	U - S	1147	- 238
AB-AA	561	- 131	T - R	661	- 137
W - V	641	- 73	R - Q	888	- 190
V - U	964	- 174	P - M	780	- 149

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AA	216	- 720	G - V	515	- 92
AA- D	206	- 1158	V - H	174	- 390
D -AC	747	0	K - Q	181	- 753
AC- E	0	- 786	Q - P	745	- 154
E - W	707	- 18	P - L	489	- 103
W - G	259	- 665			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W20 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

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

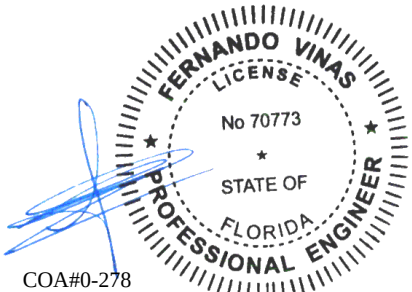
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-10-3.



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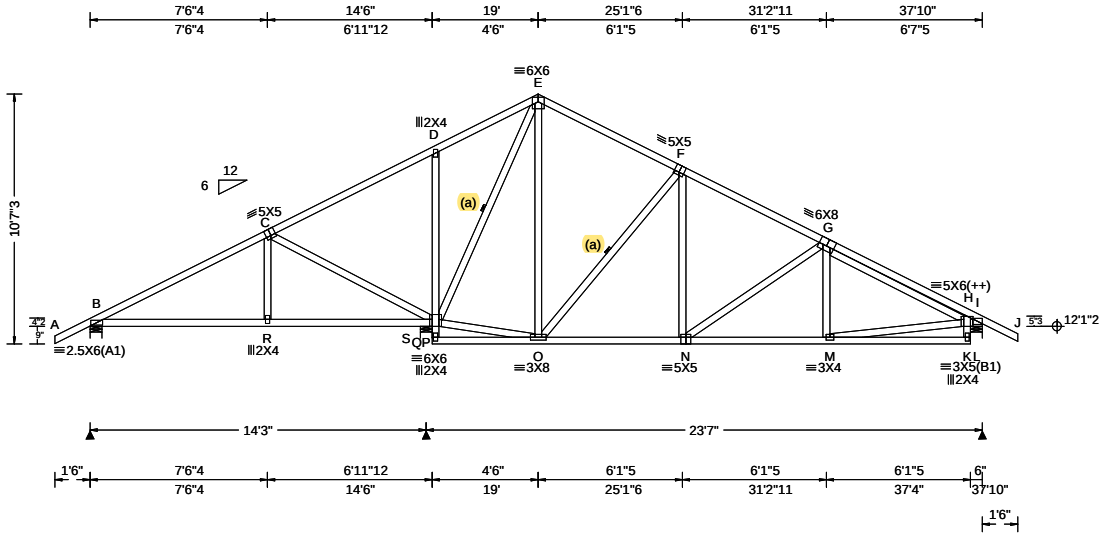
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673159 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** B22	Cust: R 215 JRef:1XLa2150003 T82 / DrwNo: 341.22.1105.12211 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.78 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.029	N	999	240
VERT(CL): 0.060	N	999	180
HORZ(LL): 0.010	E	-	-
HORZ(TL): 0.020	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.617
Max BC CSI: 0.516
Max Web CSI: 0.905

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	589	/-	/-	/361	/19	/278
S	1769	/-	/-	/1030	/43	/-
I	917	/-	/-	/601	/50	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
S Brg Wid = 6.0 Min Req = 2.1 (Truss)
I Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, S, & 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	84	-561	F - G	242	-809
C - D	400	-65	G - H	114	-475

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	423	-146	O - N	639	-24
R - P	421	-149	N - M	928	-130

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	220	-730	F - N	401	-17
D - P	259	-387	G - K	123	-658
P - E	181	-1010	M - K	936	-134
E - O	610	-175	K - H	366	-510
O - F	264	-687			

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

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 9-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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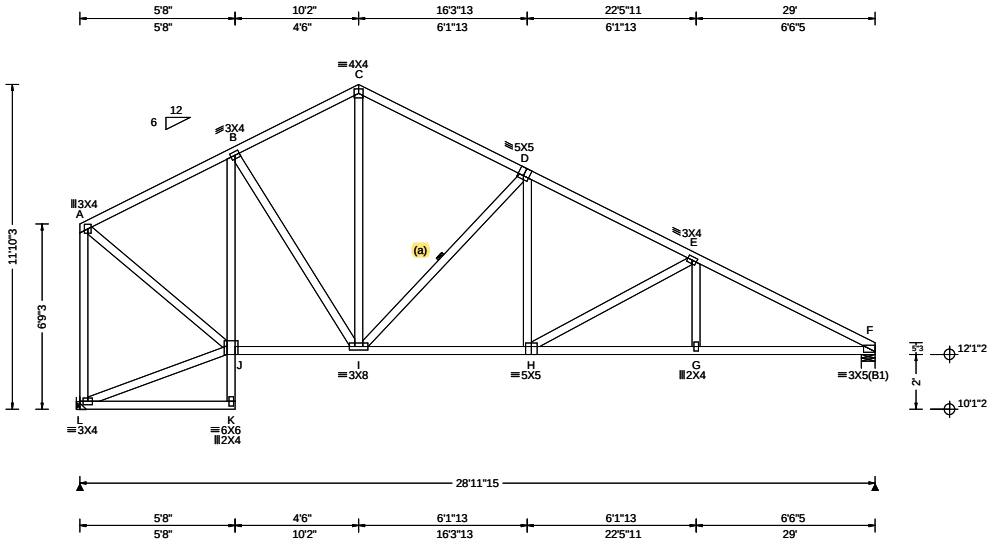
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672913 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C01	Cust: R 215 JRef:1XLa2150003 T59 / DrwNo: 341.22.1105.12243 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.23 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.075	H	999	240
VERT(CL): 0.155	H	999	180
HORZ(LL): 0.041	C	-	-
HORZ(TL): 0.084	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.466
Max BC CSI: 0.566
Max Web CSI: 0.935

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1193	/-	/-	/634	/26	/244
F	1195	/-	/-	/706	/26	/-

Wind reactions based on MWFRS
L Brg Wid = - Min Req = -
F Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearing F is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	221	- 912	D - E	400	- 1581
B - C	342	- 995	E - F	445	- 2092
C - D	345	- 1017			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	765	- 58	H - G	1789	- 323
I - H	1326	- 157	G - F	1791	- 322

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	260	- 1110	I - D	248	- 728
A - J	958	- 179	D - H	444	- 36
J - B	217	- 498	H - E	196	- 519
C - I	521	- 130			

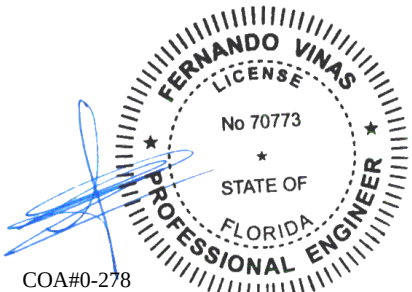
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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

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

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

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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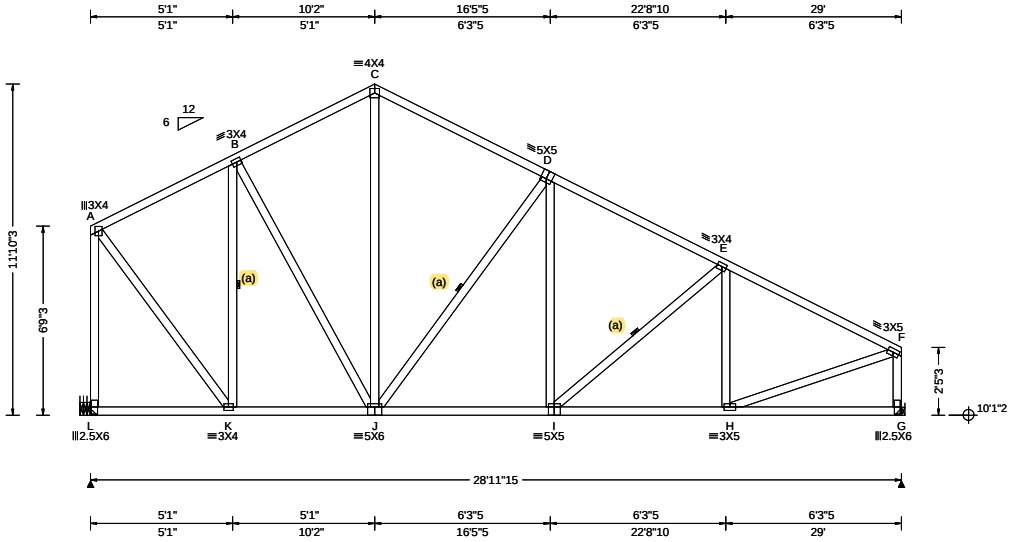
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 444399 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C02	Cust: R 215 JRef:1XLa2150003 T58 / DrwNo: 341.22.1105.11758 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.23 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.045	I	999	240
VERT(CL): 0.092	I	999	180
HORZ(LL): 0.015	B	-	-
HORZ(TL): 0.031	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.509
Max BC CSI: 0.473
Max Web CSI: 0.973

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1194	/-	/-	/635	/26	/244
G	1194	/-	/-	/705	/26	/-

Wind reactions based on MWFRS
L Brg Wid = - Min Req = -
G Brg Wid = - Min Req = -
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	208	- 692	D - E	363	- 1258
B - C	342	- 854	E - F	309	- 1375
C - D	350	- 873			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	582	- 46	I - H	1174	- 216
J - I	1038	- 126			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	319	- 1154	J - D	227	- 570
A - K	933	- 222	H - F	1203	- 213
K - B	232	- 631	F - G	270	- 1141
C - J	409	- 123			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

(J) Hanger Support Required, by others
Bearing G (28'9", 10'1"2) HUS26
Supporting Member: (1)2x6 SP #2
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Wind

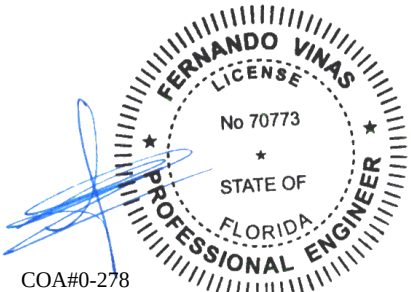
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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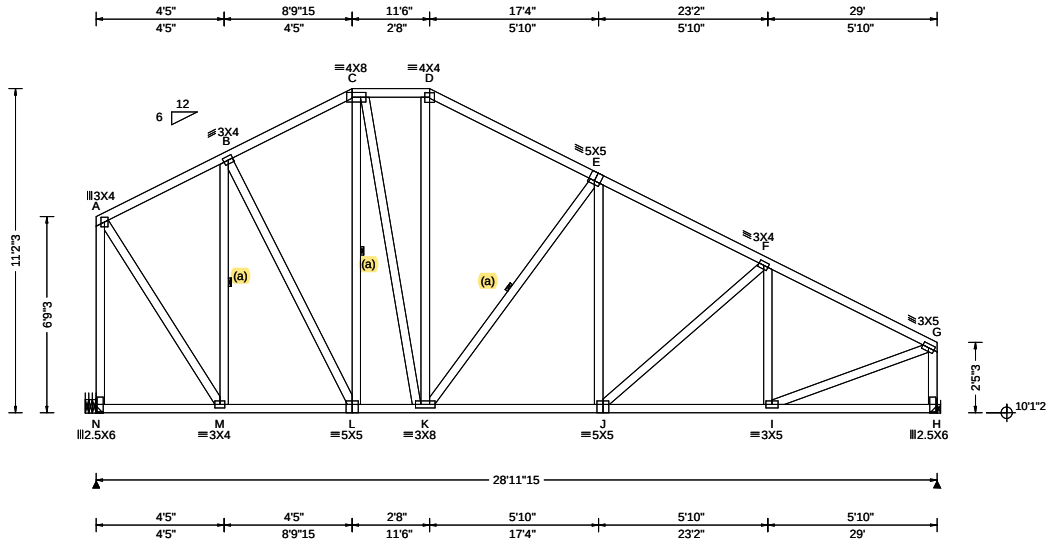
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444397 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C03	Cust: R 215 JRef:1XLa2150003 T105 DrwNo: 341.22.1105.12242 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.90 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.044	J	999	240
VERT(CL): 0.091	J	999	180
HORZ(LL): 0.014	H	-	-
HORZ(TL): 0.029	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.436
Max BC CSI: 0.425
Max Web CSI: 0.978

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1194	/-	/-	/628	/48	/227
H	1194	/-	/-	/711	/41	/-

Wind reactions based on MWFRS
N Brg Wid = - Min Req = -
H 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	222	- 633	D - E	404	- 946
B - C	378	- 831	E - F	408	- 1287
C - D	402	- 770	F - G	337	- 1347

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	540	- 40	K - J	1071	- 183
L - K	680	- 46	J - I	1156	- 247

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	372	- 1161	K - E	199	- 509
A - M	947	- 280	I - G	1197	- 248
M - B	286	- 688	G - H	297	- 1145
C - K	400	- 135			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

(J) Hanger Support Required, by others
Bearing H (28'9", 10'1"2) HUS26
Supporting Member: (1)2x6 SP #2
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Purlins

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

Wind

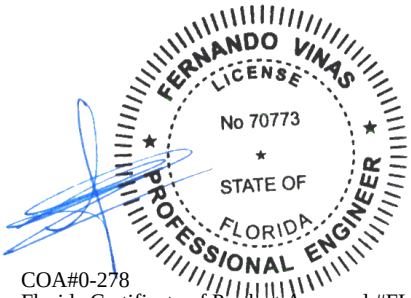
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 11-2-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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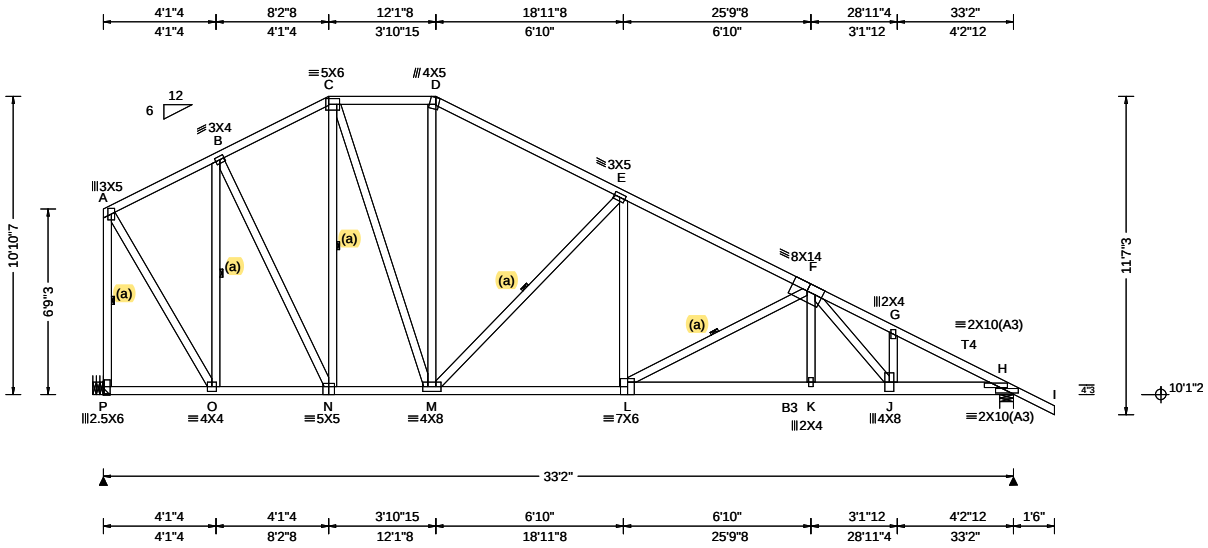
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444404 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C04	Cust: R 215 JRef:1XLa2150003 T72 DrwNo: 341.22.1105.12462 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.32 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.133	L	999	240
VERT(CL): 0.269	L	999	180
HORZ(LL): 0.051	C	-	-
HORZ(TL): 0.103	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.667
Max BC CSI: 0.659
Max Web CSI: 0.825

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
P	1566	/-	/-	/-	/248	/-
H	3077	/-	/-	/-	/370	/-

Wind reactions based on MWFRS
P Brg Wid = - Min Req = -
H Brg Wid = 6.0 Min Req = 2.5 (Truss)
Bearing H is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	135	- 798	E - F	379	- 2508
B - C	190	- 1138	F - G	600	- 5562
C - D	185	- 1234	G - H	620	- 5618
D - E	248	- 1479			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	699	- 110	L - K	3649	- 455
N - M	960	- 148	K - J	3647	- 456
M - L	2132	- 307	J - H	4978	- 536

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - P	263	- 1535	C - M	816	- 110
A - O	1286	- 200	M - E	176	- 1300
O - B	219	- 1002	E - L	943	- 7
B - N	614	- 88	L - F	168	- 1691
C - N	110	- 491	F - J	2165	- 125

Lumber

Top chord: 2x4 SP #2; T4 2x4 SP M-31;
Bot chord: 2x4 SP #2; B3 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

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

TC: From	62 plf at	0.00 to	62 plf at	29.06	
TC: From	31 plf at	29.06 to	31 plf at	30.10	
TC: From	62 plf at	30.10 to	62 plf at	34.67	
BC: From	20 plf at	0.00 to	20 plf at	29.06	
BC: From	10 plf at	29.06 to	10 plf at	30.10	
BC: From	20 plf at	30.10 to	20 plf at	33.17	
BC: From	4 plf at	33.17 to	4 plf at	34.67	

BC: 1584 lb Conc. Load at 29.06
BC: 270 lb Conc. Load at 30.10

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

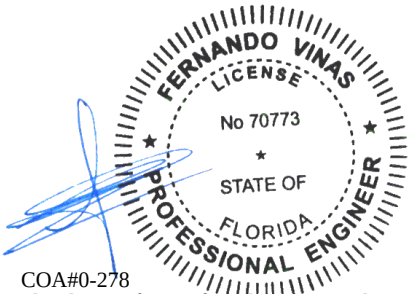
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

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

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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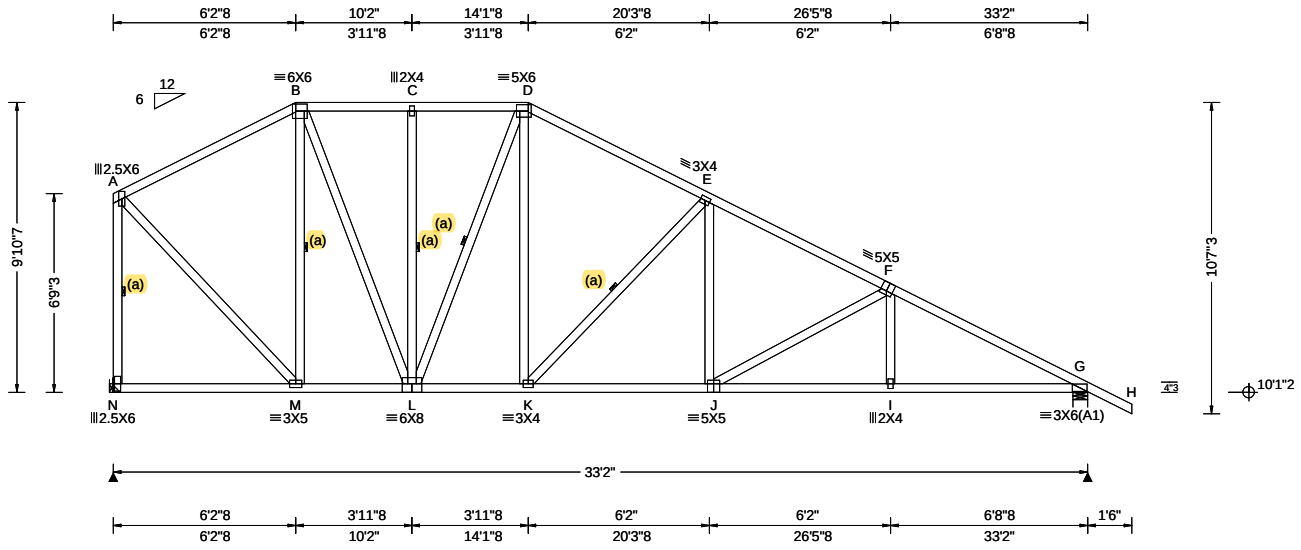
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672877 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C05	Cust: R 215 JRef:1XLa2150003 T57 DrwNo: 341.22.1105.11836 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.32 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.102	J	999	240
VERT(CL): 0.208	J	999	180
HORZ(LL): 0.036	B	-	-
HORZ(TL): 0.074	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.618
Max BC CSI: 0.583
Max Web CSI: 0.571

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1357	/-	/-	/723	/98	/260
G	1475	/-	/-	/938	/83	/-

Wind reactions based on MWFRS
N Brg Wid = - Min Req = -
G Brg Wid = 6.0 Min Req = 1.7 (Truss)
Bearing G is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	363	- 903	D - E	529	- 1392
B - C	486	- 1001	E - F	574	- 1963
C - D	486	- 1001	F - G	605	- 2487

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	742	0	J - I	2143	- 436
L - K	1163	- 134	I - G	2146	- 435
K - J	1667	- 293			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	498	- 1307	D - K	650	- 114
A - M	1070	- 372	K - E	232	- 738
B - M	331	- 641	E - J	456	- 22
B - L	677	- 271	J - F	168	- 534
L - D	104	- 425			

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

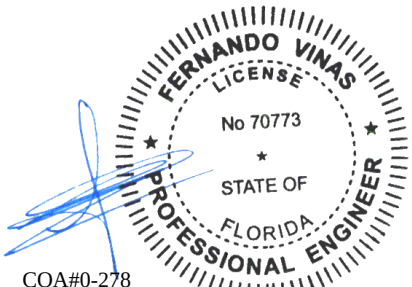
Bracing
(a) Continuous lateral restraint equally spaced on member.

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 9-10-7.



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12/07/2022

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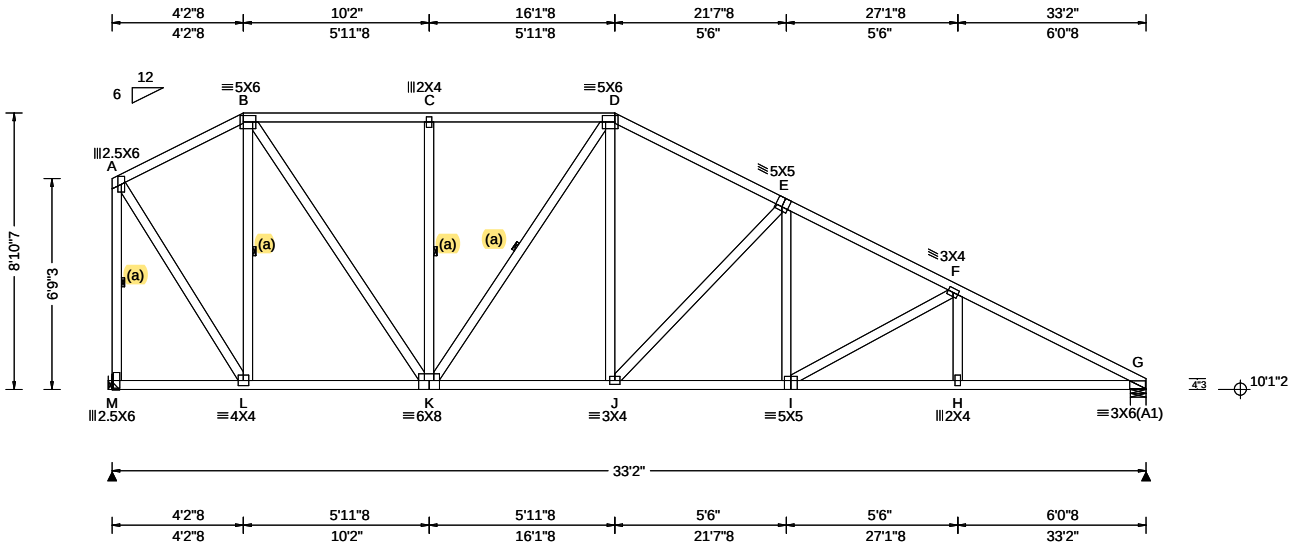
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672880 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C06	Cust: R 215 JRef:1XLa2150003 T63 / DrwNo: 341.22.1105.10430 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.102 I 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.209 I 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.036 G - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.075 G - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.421
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.568
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.881
	C&C Dist a: 3.32 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 21.02.01.1216.14
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	1360	/-	/-	/721	/143	/219
G	1372	/-	/-	/850	/91	/-

Wind reactions based on MWFRS
M Brg Wid = - Min Req = -
G Brg Wid = 6.0 Min Req = 1.6 (Truss)
Bearing G is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	324	- 721	D - E	635	- 1567
B - C	574	- 1146	E - F	679	- 2072
C - D	574	- 1146	F - G	707	- 2542

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	604	- 33	I - H	2202	- 563
K - J	1332	- 288	H - G	2205	- 561
J - I	1771	- 432			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	564	- 1330	D - J	591	- 97
A - L	1106	- 458	J - E	212	- 645
B - L	439	- 813	E - I	401	- 32
B - K	948	- 434	I - F	169	- 484
C - K	348	- 389			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

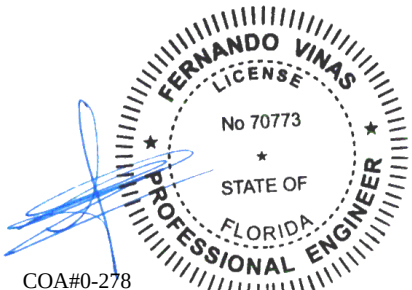
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 8-10-7.



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Florida Certificate of Product Approval #FL1999
12/07/2022

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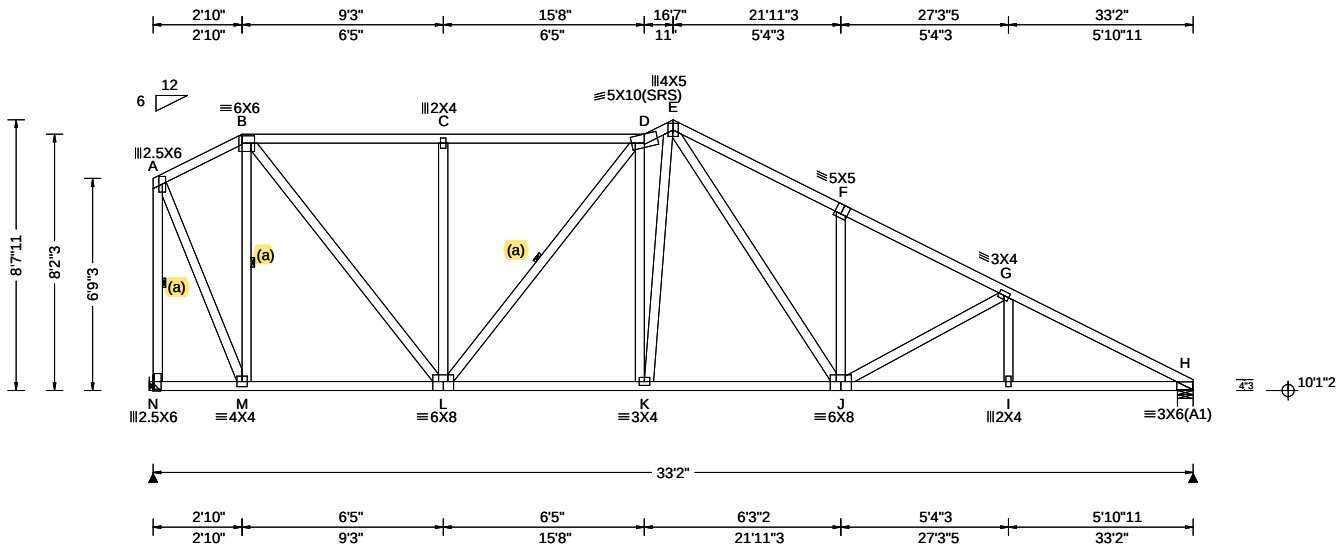
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672883 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C07	Cust: R 215 JRef:1XLa2150003 T61 / DrwNo: 341.22.1105.10758 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.32 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.108	F	999	240
VERT(CL): 0.222	F	999	180
HORZ(LL): 0.040	B	-	-
HORZ(TL): 0.082	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.539
Max BC CSI: 0.562
Max Web CSI: 0.983

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1360	/-	/-	/724	/161	/213
H	1372	/-	/-	/845	/87	/-

Wind reactions based on MWFRS
N Brg Wid = - Min Req = -
H Brg Wid = 6.0 Min Req = 1.6 (Truss)
Bearing H is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	249	- 545	E - F	787	- 2089
B - C	576	- 1189	F - G	672	- 2091
C - D	576	- 1189	G - H	699	- 2546
D - E	717	- 1597			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	468	0	J - I	2207	- 557
L - K	1441	- 335	I - H	2210	- 556
K - J	1366	- 294			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	581	- 1349	L - D	102	- 400
A - M	1165	- 501	D - K	439	- 553
B - M	512	- 958	K - E	688	- 378
B - L	1141	- 513	E - J	806	- 255
C - L	386	- 445	J - G	161	- 463

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

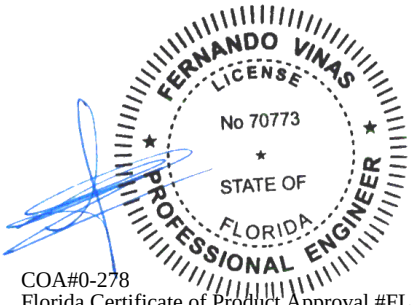
Bracing
(a) Continuous lateral restraint equally spaced on member.

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 8-7-11.



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Florida Certificate of Product Approval #FL1999
12/07/2022

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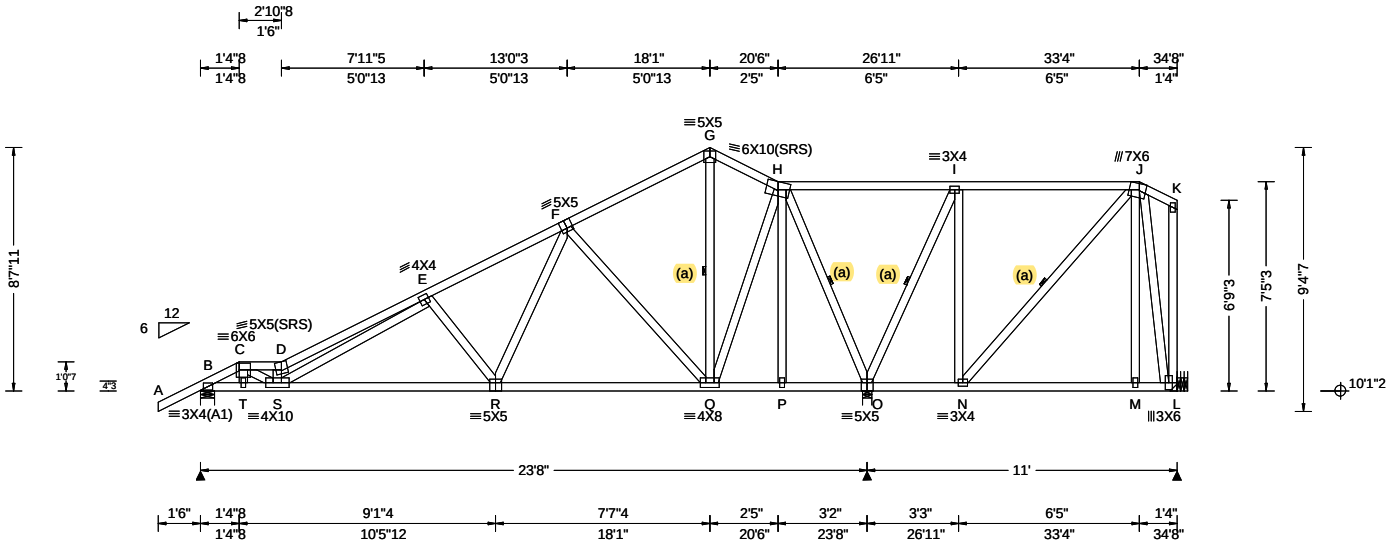
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444388 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C08	Cust: R 215 JRef:1XLa2150003 T83 DrwNo: 341.22.1105.10681 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.098	D	999	240
VERT(CL): 0.202	D	999	180
HORZ(LL): 0.025	C	-	-
HORZ(TL): 0.051	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.875
Max BC CSI: 0.608
Max Web CSI: 0.806

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh		/ Rw	/ U	/ RL
B	862	/-	/-		/-	/157	/-
O	2338	/-	/-		/-	/383	/-
L	106	/-380	/-		/17	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
O Brg Wid = 4.0 Min Req = 2.8
L Brg Wid = - Min Req = -
Bearings B & O 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	169	-1178	E - F	131	-750
C - D	258	-1909	H - I	972	-152
D - E	363	-2452	I - J	555	-67

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - T	1000	-135	Q - P	58	-448
T - S	999	-138	P - O	58	-447
S - R	907	-177	O - N	67	-581

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	1035	-136	Q - H	1025	-143
S - D	238	-1233	H - O	231	-1292
S - E	1466	-149	O - I	213	-1175
E - R	136	-482	I - N	648	-10
R - F	610	-30	N - J	88	-738
F - Q	139	-708	J - L	377	-87

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	34.67
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	34.67
TC:	34 lb Conc. Load at	1.44		
BC:	34 lb Conc. Load at	1.44		

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

Wind loads and reactions based on MWFRS.

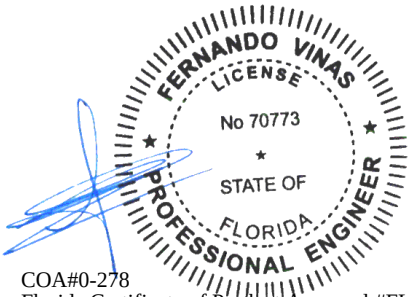
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -380# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

The overall height of this truss excluding overhang is 8-7-11.



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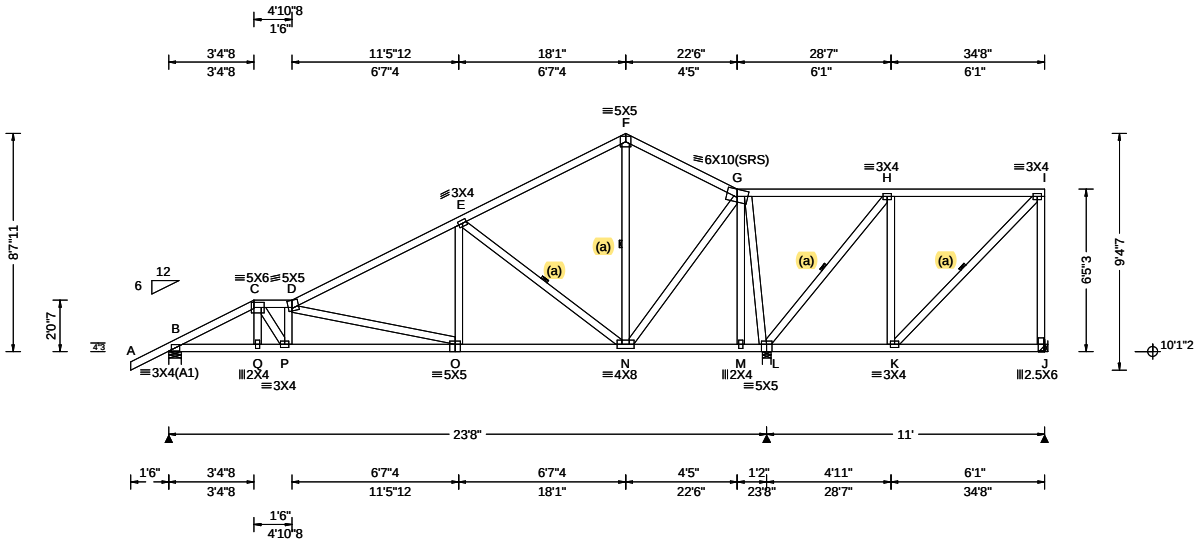
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672891 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C09	Cust: R 215 JRef:1XLa2150003 T97 / DrwNo: 341.22.1105.10774 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.058	D	999	240
VERT(CL): 0.119	D	999	180
HORZ(LL): 0.018	C	-	-
HORZ(TL): 0.037	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.682
Max BC CSI: 0.578
Max Web CSI: 0.883

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	904	/-	/-	/572	/14	/227
L	2015	/-	/-	/1163	/179	/-
J	221	/-153	/-	/53	/55	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
L Brg Wid = 4.0 Min Req = 2.4
J Brg Wid = - Min Req = -
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	264	- 1349	D - E	143	- 967
C - D	306	- 1570	G - H	727	- 234

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	1155	- 450	O - N	774	- 238
Q - P	1152	- 450	N - M	158	- 504
P - O	1650	- 514	M - L	159	- 504

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	731	- 145	N - G	1043	- 298
P - D	177	- 486	G - L	413	- 1191
D - O	292	- 890	L - H	390	- 918
O - E	461	- 7	H - K	378	0
E - N	275	- 818			

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

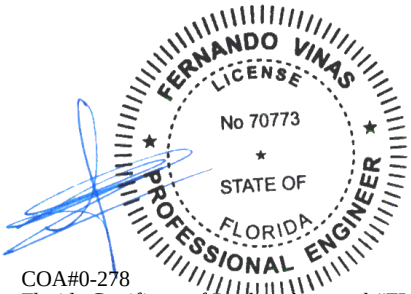
Bracing
(a) Continuous lateral restraint equally spaced on member.

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

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
The overall height of this truss excluding overhang is 8-7-11.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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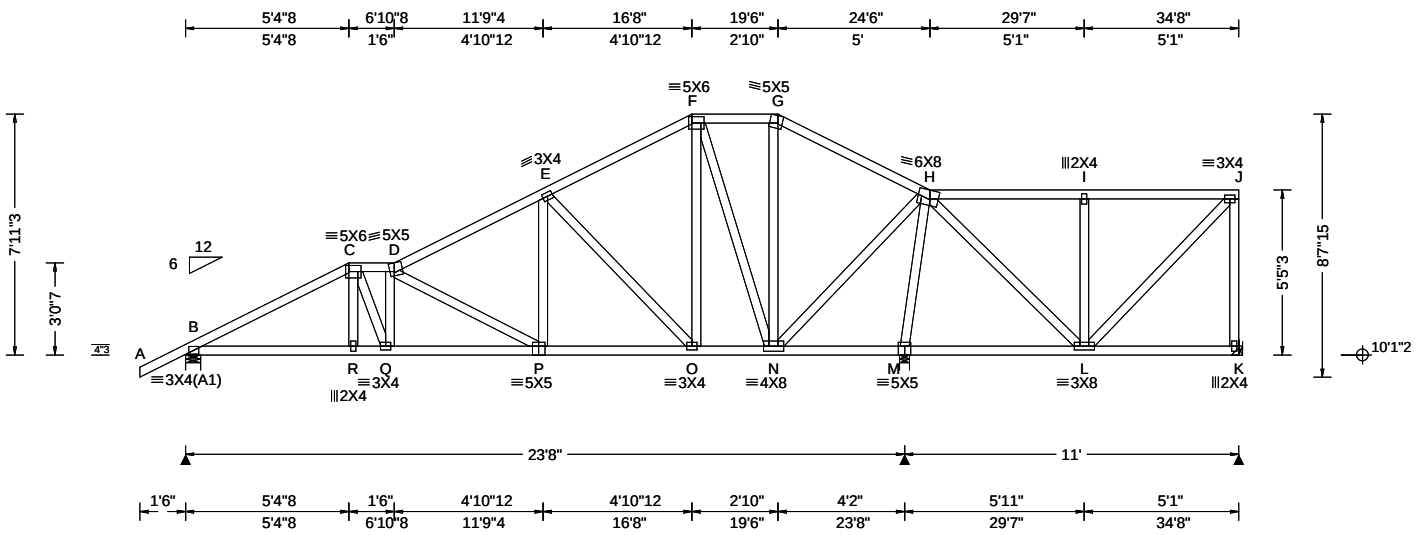
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672894 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C10	Cust: R 215 JRef:1XLa2150003 T96 DrwNo: 341.22.1105.12539 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.054	D	999	240
VERT(CL): 0.111	D	999	180
HORZ(LL): 0.017	C	-	-
HORZ(TL): 0.034	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.337
Max BC CSI: 0.402
Max Web CSI: 0.920

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	981	/-	/-	/623	/28	/209
M	1759	/-	/-	/981	/119	/-
K	319	/-	/-	/128	/67	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
M Brg Wid = 4.0 Min Req = 2.1
K Brg Wid = - Min Req = -
Bearings B & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	384	- 1468	D - E	286	- 1071
C - D	407	- 1410	E - F	207	- 532

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	1247	- 506	O - N	407	- 138
R - Q	1250	- 505	N - M	223	- 630
Q - P	1444	- 528	M - L	110	- 382
P - O	886	- 317			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Q	396	- 108	F - N	250	- 648
D - P	240	- 622	N - H	1150	- 395
P - E	452	- 68	M - H	705	- 1662
E - O	263	- 706	H - L	592	- 250
F - O	595	- 153			

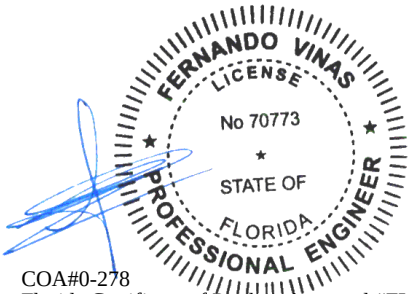
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Hangers / Ties
(J) 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.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 7-11-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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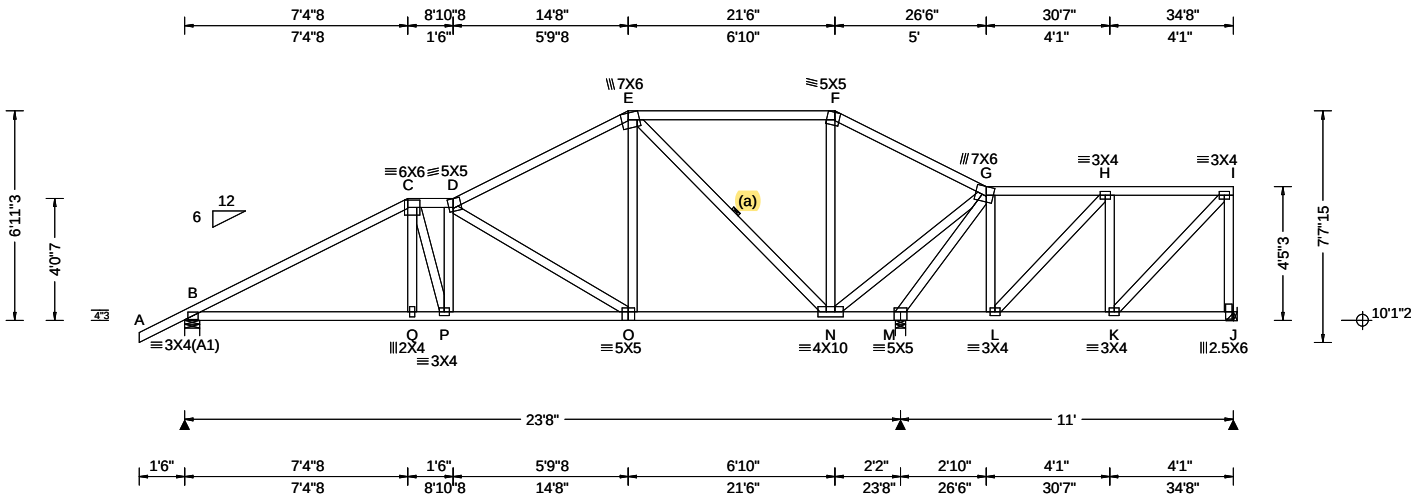
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672897 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C11	Cust: R 215 JRef:1XLa2150003 T95 DrwNo: 341.22.1105.11789 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.055	D	999	240
VERT(CL): 0.111	D	999	180
HORZ(LL): 0.018	N	-	-
HORZ(TL): 0.037	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.634
Max BC CSI: 0.569
Max Web CSI: 0.922

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1046	/-	/-	/664	/48	/183
M	1559	/-	/-	/827	/123	/-
J	390	/-	/-	/192	/66	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
M Brg Wid = 4.0 Min Req = 1.8
J Brg Wid = - Min Req = -
Bearings B & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	488	- 1527	D - E	372	- 926
C - D	509	- 1332			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	1281	- 544	O - N	766	- 309
Q - P	1287	- 543	N - M	404	- 941
P - O	1343	- 554			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - O	291	- 687	N - G	1453	- 599
E - O	559	- 94	M - G	745	- 1770
E - N	352	- 797			

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

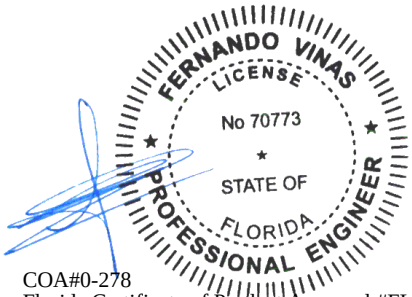
Bracing
(a) Continuous lateral restraint equally spaced on member.

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

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
The overall height of this truss excluding overhang is 6-11-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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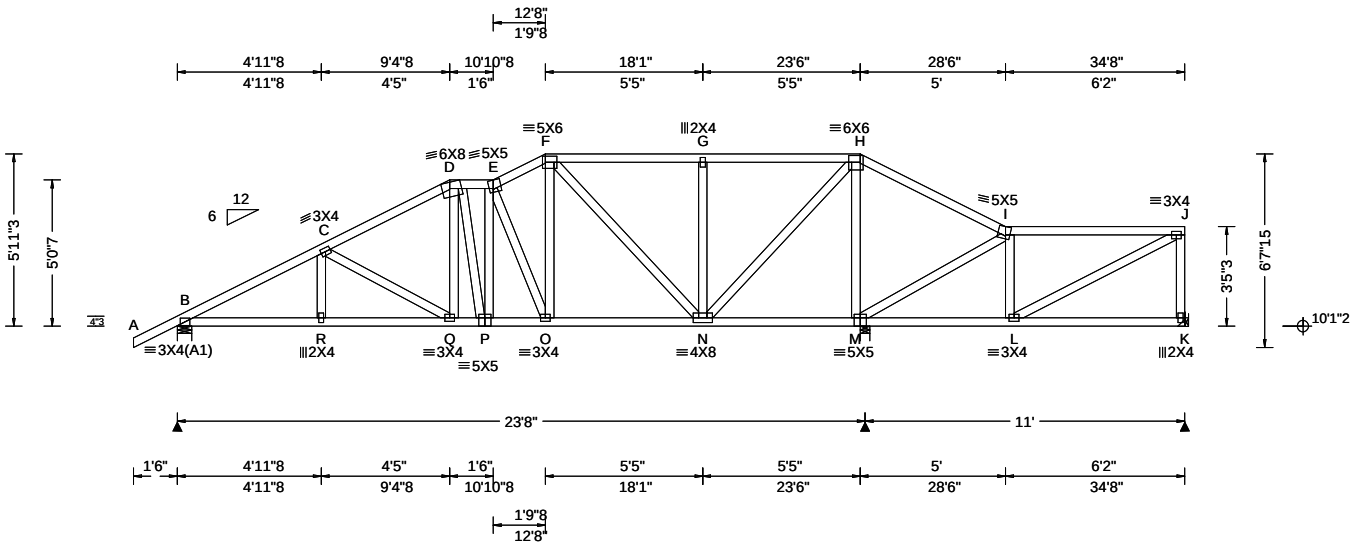
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672900 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C12	Cust: R 215 JRef:1XLa2150003 T94 DrwNo: 341.22.1105.12008 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.046	Q	999	240
VERT(CL): 0.096	Q	999	180
HORZ(LL): 0.014	N	-	-
HORZ(TL): 0.030	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.495
Max BC CSI: 0.347
Max Web CSI: 0.889

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	965	/-	/-	/610	/47	/157
M	1834	/-	/-	/948	/149	/-
K	269	/0	/-	/111	/38	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
M Brg Wid = 4.0 Min Req = 2.2 (Truss)
K Brg Wid = - Min Req = -
Bearings B & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	462	- 1464	F - G	248	- 389
C - D	435	- 1093	G - H	248	- 389
D - E	429	- 909	H - I	664	- 242
E - F	409	- 843			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	1251	- 505	P - O	907	- 383
R - Q	1248	- 507	O - N	753	- 311
Q - P	919	- 387	N - M	262	- 548

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Q	139	- 384	G - N	337	- 395
E - O	205	- 433	N - H	1253	- 604
F - O	497	- 149	H - M	691	- 1425
F - N	222	- 555	M - I	278	- 564

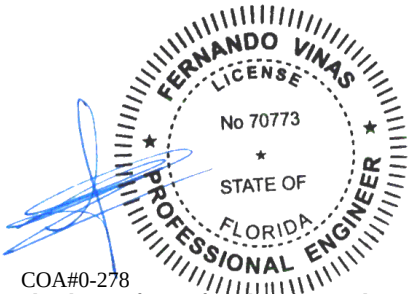
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Hangers / Ties
(J) 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.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 5-11-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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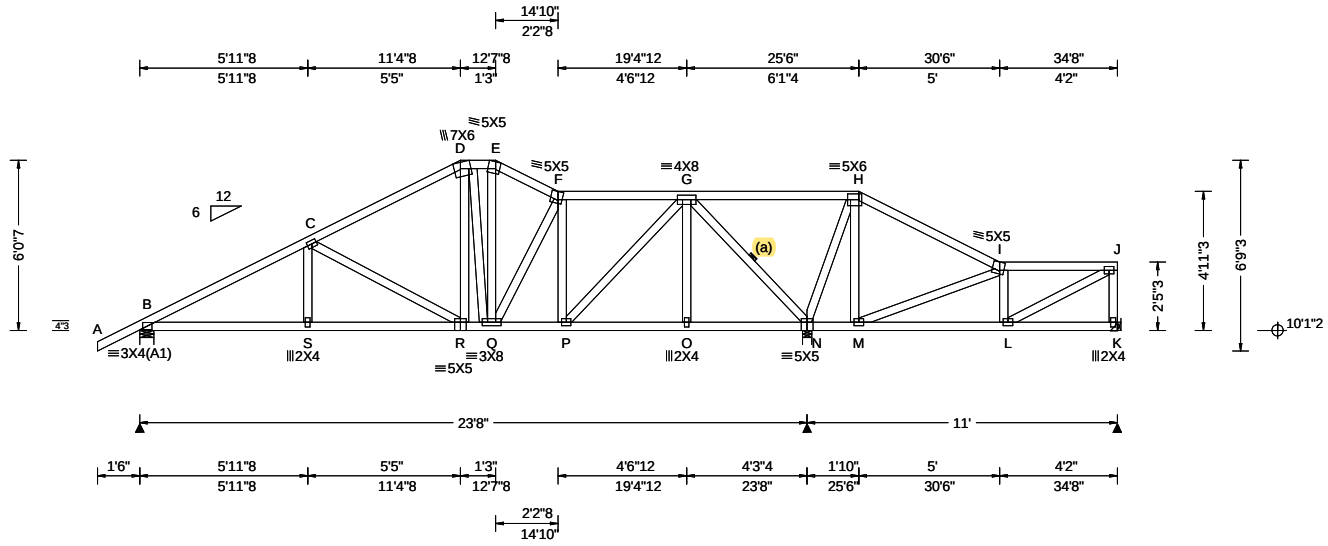
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672903 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C13	Cust: R 215 JRef:1XLa2150003 T93 DrwNo: 341.22.1105.12305 KD / FV 12/07/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.040 S 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.084 S 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.013 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.028 N - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.661
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.395
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.414
	C&C Dist a: 3.47 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 21.02.01.1216.14
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Hangers / Ties

(J) 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.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-0-7.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	946	/-	/-	/595	/50	/161
N	1914	/-	/-	/981	/183	/-
K	238	/-64	/-	/87	/18	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
N Brg Wid = 4.0 Min Req = 2.3
K Brg Wid = - Min Req = -
Bearings B & N are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

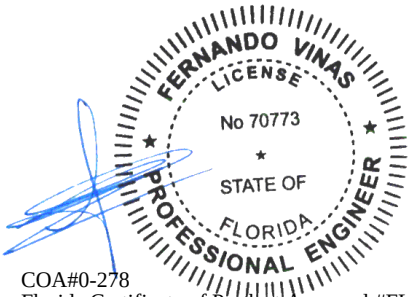
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	405	-1393	F - G	328	-686
C - D	362	-898	G - H	831	-284
D - E	363	-691	H - I	632	-233
E - F	378	-797			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	1179	-381	Q - P	714	-251
S - R	1176	-383	N - M	249	-513
R - Q	730	-229			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	177	-516	G - N	655	-1411
F - P	220	-472	N - H	367	-861
P - G	736	-248	M - I	251	-521



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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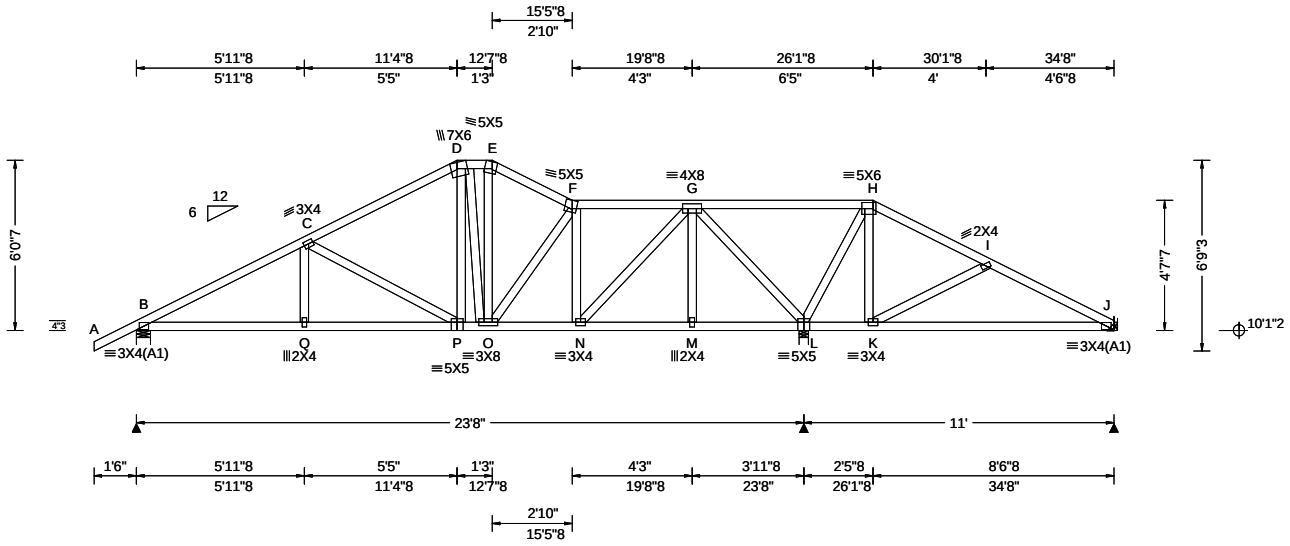
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672907 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C14	Cust: R 215 JRef:1XLa2150003 T92 DrwNo: 341.22.1105.10570 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.041	Q	999	240
VERT(CL): 0.085	Q	999	180
HORZ(LL): 0.014	L	-	-
HORZ(TL): 0.029	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.707
Max BC CSI: 0.461
Max Web CSI: 0.957

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	958	/-	/-	/604	/49	/173
L	1855	/-	/-	/941	/160	/-
J	280	/-37	/-	/166	/53	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
L Brg Wid = 4.0 Min Req = 2.2
J Brg Wid = - Min Req = -
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	429	- 1419	F - G	352	- 719
C - D	386	- 926	G - H	804	- 255
D - E	387	- 721	H - I	465	- 165
E - F	395	- 837			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	1203	- 321	O - N	751	- 211
Q - P	1200	- 323	L - K	262	- 405
P - O	755	- 169			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	177	- 514	G - L	660	- 1432
F - N	215	- 484	L - H	322	- 886
N - G	749	- 240	H - K	393	- 29

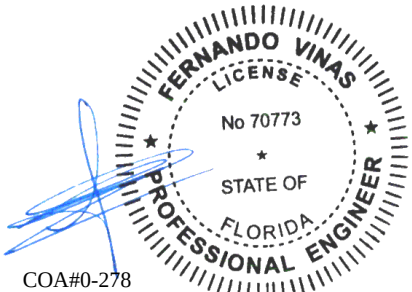
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Hangers / Ties
(J) 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.

Additional Notes
The overall height of this truss excluding overhang is 6-0-7.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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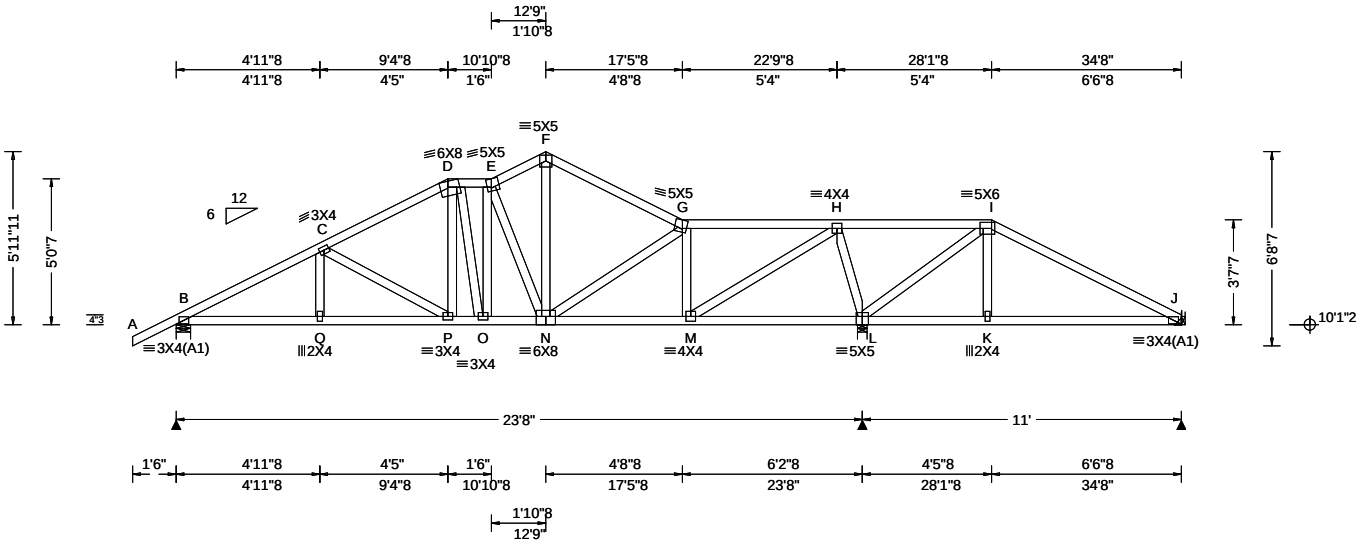
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672910 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C15	Cust: R 215 JRef:1XLa2150003 T91 DrwNo: 341.22.1105.11086 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.049	P	999	240
VERT(CL): 0.101	P	999	180
HORZ(LL): 0.015	C	-	-
HORZ(TL): 0.030	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.653
Max BC CSI: 0.468
Max Web CSI: 0.549

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	971	/-	/-	/601	/40	/171
L	1773	/-	/-	/917	/145	/-
J	331	/-13	/-	/184	/54	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
L Brg Wid = 4.0 Min Req = 2.1
J Brg Wid = - Min Req = -
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	467	- 1476	F - G	405	- 914
C - D	438	- 1106	G - H	342	- 711
D - E	432	- 923	H - I	778	- 234
E - F	411	- 849			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	1262	- 372	O - N	921	- 249
Q - P	1260	- 374	N - M	770	- 252
P - O	931	- 252	M - L	193	- 493

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	142	- 381	M - H	1441	- 499
E - N	207	- 443	H - L	624	- 1211
F - N	502	- 213	L - I	289	- 864
G - M	338	- 684			

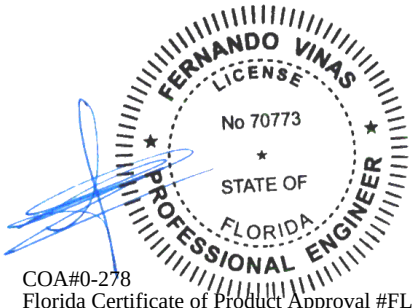
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Hangers / Ties
(J) 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.

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



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Florida Certificate of Product Approval #FL1999
12/07/2022

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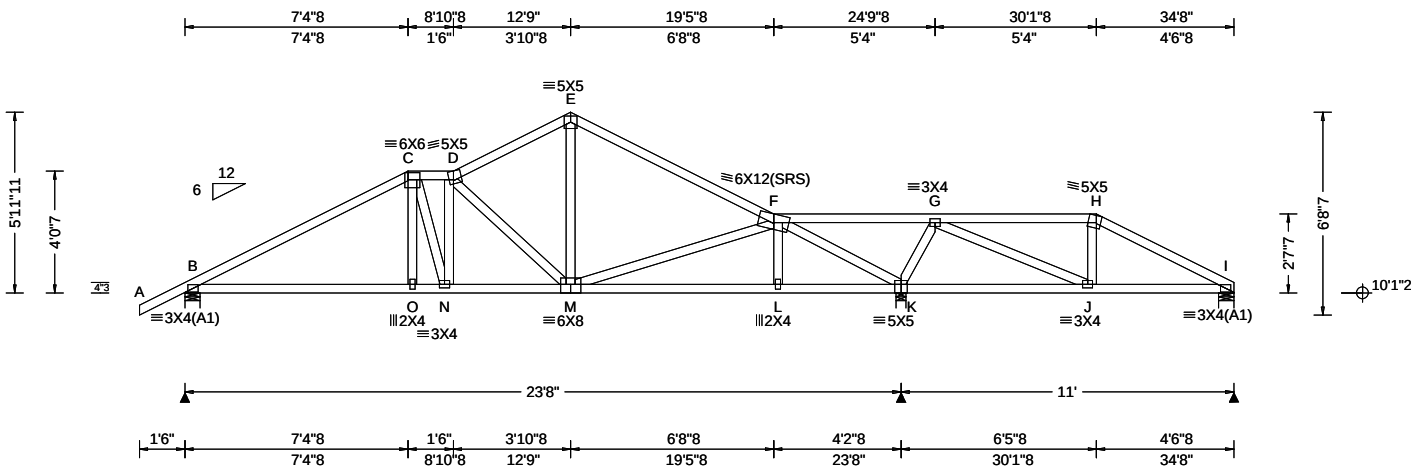
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672781 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C16	Cust: R 215 JRef:1XLa2150003 T89 / DrwNo: 341.22.1105.11461 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.046	D	999	240
VERT(CL): 0.096	D	999	180
HORZ(LL): 0.017	K	-	-
HORZ(TL): 0.035	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.620
Max BC CSI: 0.556
Max Web CSI: 0.854

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	989	/-	/-	/608	/32	/171
K	1733	/-	/-	/907	/125	/-
I	332	/-	/-	/169	/22	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
K Brg Wid = 4.0 Min Req = 2.0
I Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, K, & 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	427	-1406	E - F	347	-1015
C - D	440	-1179	F - G	988	-302
D - E	343	-954	H - I	161	-415

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	1173	-341	M - L	732	-162
O - N	1181	-339	L - K	738	-158
N - M	1183	-331	K - J	191	-716

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - M	248	-498	K - G	444	-779
E - M	477	-115	G - J	848	-243
F - K	619	-1915			

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.

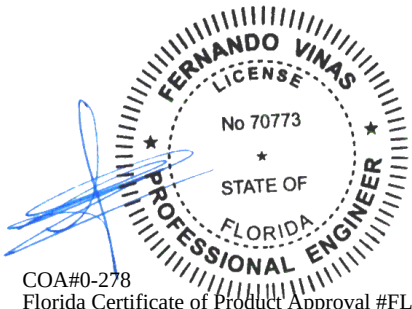
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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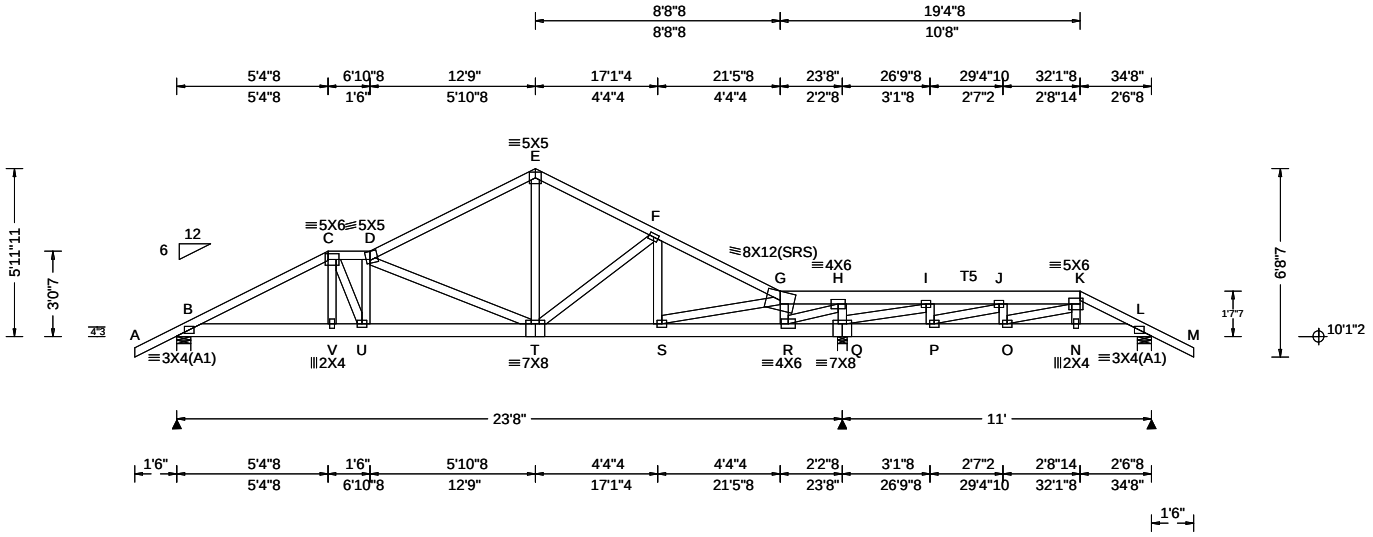
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444434 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** C17	Cust: R 215 JRef:1XLa2150003 T85 / DrwNo: 341.22.1105.12446 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.47 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.052	D	999	240
VERT(CL): 0.105	D	999	180
HORZ(LL): 0.014	C	-	-
HORZ(TL): 0.029	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.475
Max BC CSI: 0.343
Max Web CSI: 0.621

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	1016	/-	/-	/-	/194	/-
Q	1742	/-	/-	/-	/332	/-
L	517	/-	/-	/-	/114	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
Q Brg Wid = 4.0 Min Req = 2.1
L Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, 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.
B - C	276	-1577	H - I	1364	-248
C - D	254	-1546	I - J	403	-144
D - E	197	-1072	J - K	89	-572
E - F	187	-1047	K - L	106	-598
F - G	209	-1198			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	1352	-223	R - Q	190	-1084
V - U	1358	-223	Q - P	82	-472
U - T	1588	-267	P - O	556	-93
T - S	1020	-170	O - N	521	-81
S - R	436	-58	N - L	515	-86

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - U	455	-75	G - R	189	-858
U - D	124	-383	R - H	1509	-243
D - T	131	-768	H - Q	238	-1145
E - T	552	-20	Q - I	243	-1102
S - G	651	-111	P - J	123	-608

Lumber

Top chord: 2x4 SP #2; T5 2x6 SP #2;
Bot chord: 2x6 SP #2;
Webs: 2x4 SP #3;

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	24.19	
TC: From	31 plf at	24.19 to	31 plf at	32.13	
TC: From	62 plf at	32.13 to	62 plf at	36.17	
BC: From	4 plf at	-1.50 to	4 plf at	0.00	
BC: From	20 plf at	0.00 to	20 plf at	23.67	
BC: From	10 plf at	23.67 to	10 plf at	32.09	
BC: From	20 plf at	32.09 to	20 plf at	34.67	
BC: From	4 plf at	34.67 to	4 plf at	36.17	

TC: 67 lb Conc. Load at 24.19
TC: 45 lb Conc. Load at 26.19,28.19,30.19
TC: 74 lb Conc. Load at 32.09
BC: 46 lb Conc. Load at 24.19
BC: 39 lb Conc. Load at 26.19,28.19,30.19
BC: 41 lb Conc. Load at 32.09

Plating Notes

All plates are 3X4 except as noted.

Purlins

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

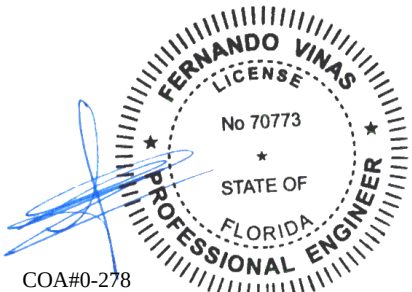
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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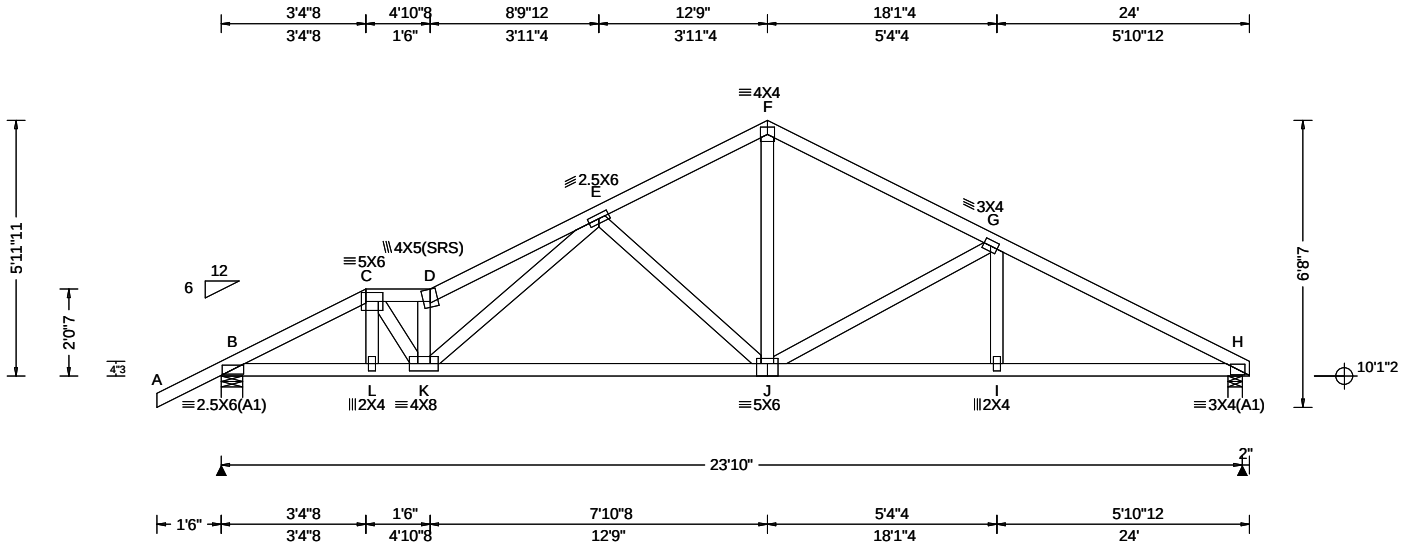
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672764 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** D01	Cust: R 215 JRef:1XLa2150003 T76 / DrwNo: 341.22.1105.11367 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.083	D	999	240
VERT(CL): 0.169	D	999	180
HORZ(LL): 0.027	H	-	-
HORZ(TL): 0.055	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.332
Max BC CSI: 0.631
Max Web CSI: 0.370

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1091	/-	/-	/647	/29	/168
H	985	/-	/-	/566	/16	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
H Brg Wid = 4.0 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	562	- 1734	E - F	422	- 1220
C - D	642	- 2062	F - G	425	- 1244
D - E	805	- 2459	G - H	487	- 1714

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - L	1498	- 474	J - I	1466	- 364
L - K	1491	- 474	I - H	1469	- 362
K - J	1446	- 392			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - K	927	- 215	E - J	273	- 548
K - D	446	- 1219	F - J	764	- 217
K - E	971	- 317	J - G	215	- 490

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

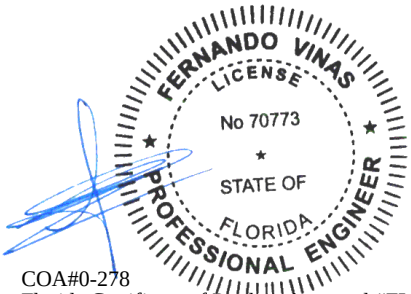
Wind loads based on MWFRS with additional C&C member design.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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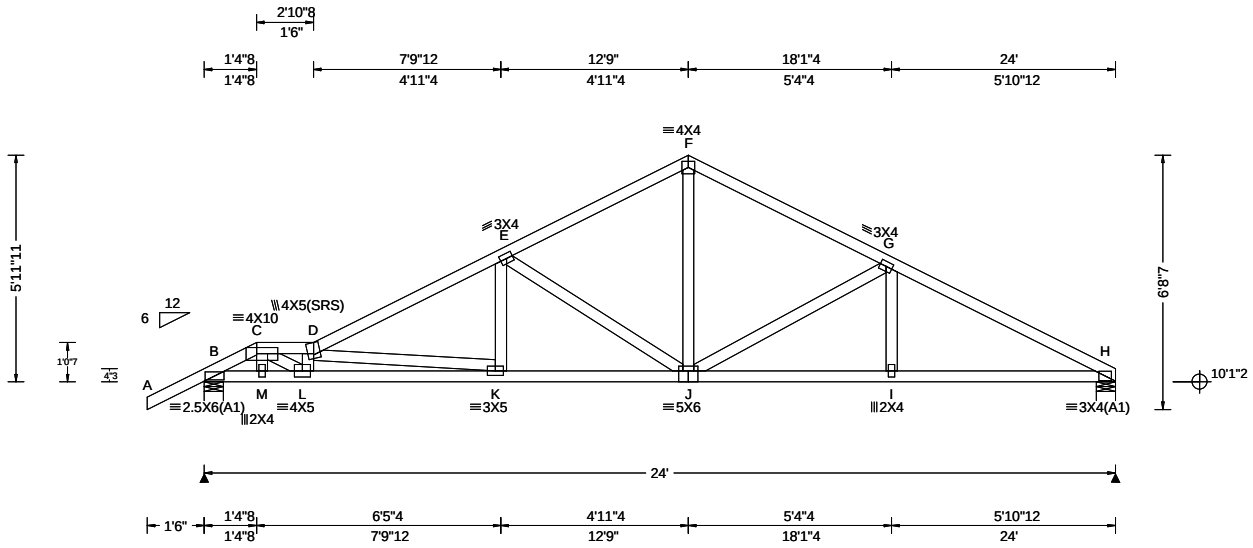
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444432 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** D02	Cust: R 215 JRef:1XLa2150003 T104 DrwNo: 341.22.1105.10321 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.108	K	999	240
VERT(CL): 0.218	K	999	180
HORZ(LL): 0.034	H	-	-
HORZ(TL): 0.068	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.486
Max BC CSI: 0.980
Max Web CSI: 0.707

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1133	/-	/-	/-	/217	/-
H	987	/-	/-	/-	/170	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
H Brg Wid = 6.0 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	274	-1667	E - F	226	-1235
C - D	434	-2696	F - G	229	-1241
D - E	336	-1902	G - H	313	-1730

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	1423	-227	K - J	1630	-281
M - L	1419	-225	J - I	1481	-256
L - K	3012	-508	I - H	1484	-255

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - L	1495	-244	E - J	124	-708
L - D	203	-855	F - J	744	-63
D - K	231	-1374	J - G	91	-508
K - E	389	0			

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

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

TC: From	62 plf at	-1.50 to	62 plf at	24.00	
BC: From	4 plf at	-1.50 to	4 plf at	0.00	
BC: From	20 plf at	0.00 to	20 plf at	24.00	
TC:	28 lb Conc. Load at	1.41			
BC:	15 lb Conc. Load at	1.41			

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

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

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

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

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12/07/2022

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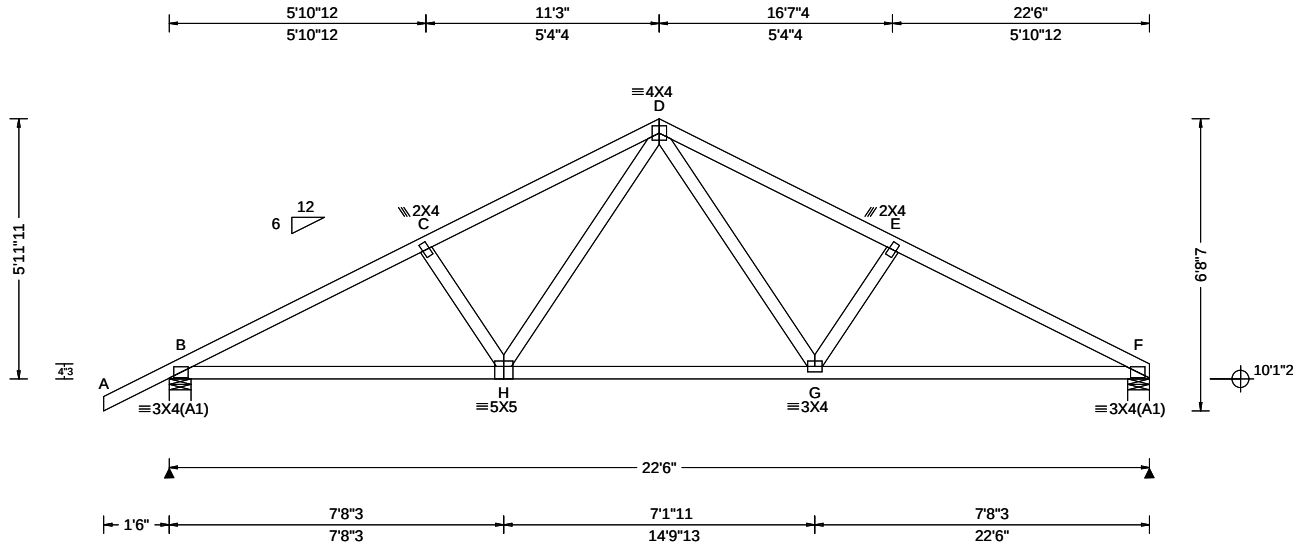
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672756 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** D03	Cust: R 215 JRef:1XLa2150003 T98 DrwNo: 341.22.1105.10633 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.051	H	999	240
VERT(CL): 0.104	H	999	180
HORZ(LL): 0.020	F	-	-
HORZ(TL): 0.042	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.337
Max BC CSI: 0.591
Max Web CSI: 0.194

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1031	/-	/-	/619	/185	/168
F	923	/-	/-	/534	/156	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
F Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B & F are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	450	-1556	D - E	468	-1393
C - D	457	-1377	E - F	461	-1574

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	1329	-341	G - F	1349	-339
H - G	904	-158			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - D	485	-128	D - G	510	-141

Lumber

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

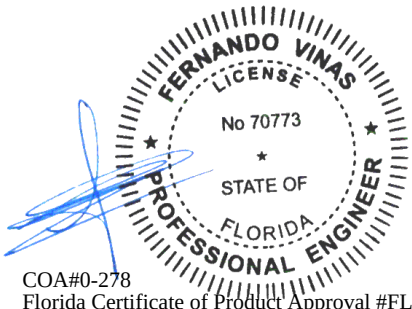
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



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12/07/2022

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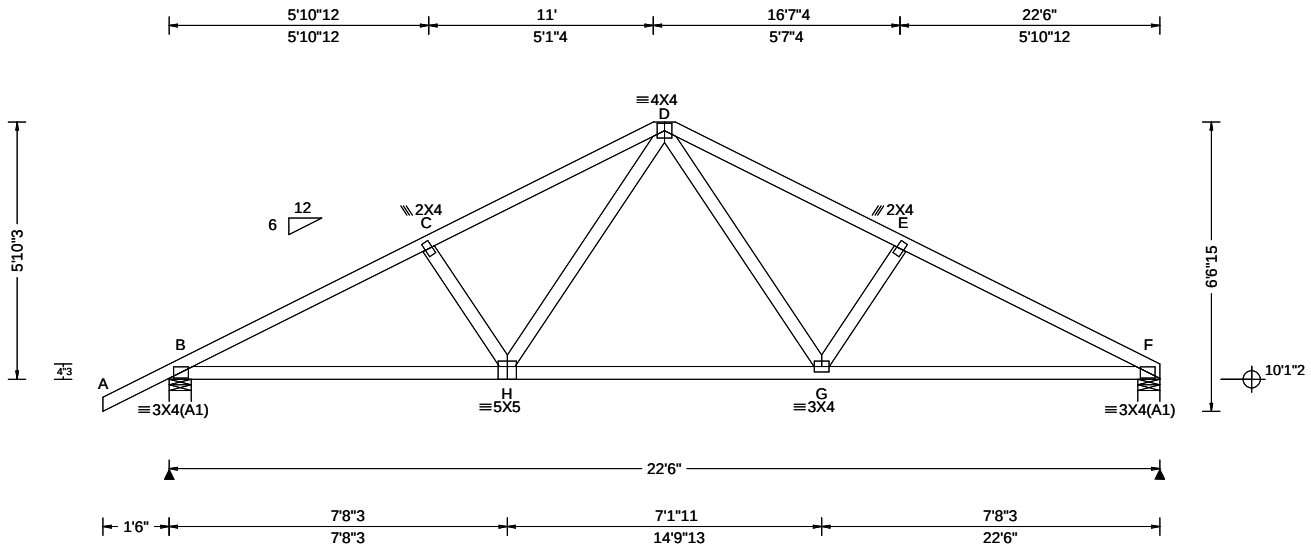
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 672753 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** D04	Cust: R 215 JRef:1XLa2150003 T86 DrwNo: 341.22.1105.11931 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.051	H	999	240
VERT(CL): 0.104	H	999	180
HORZ(LL): 0.020	F	-	-
HORZ(TL): 0.042	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.337
Max BC CSI: 0.591
Max Web CSI: 0.194

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1031	/-	/-	/619	/179	/166
F	923	/-	/-	/534	/150	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
F Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B & F are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	436	-1556	D - E	452	-1393
C - D	442	-1377	E - F	445	-1574

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	1329	-329	G - F	1349	-324
H - G	904	-144			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - D	485	-130	D - G	510	-143

Lumber

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

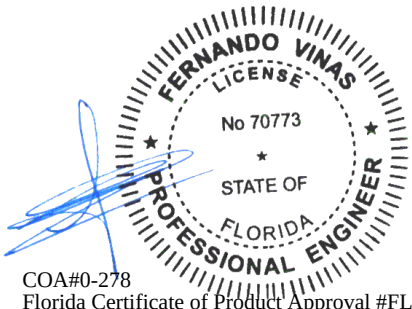
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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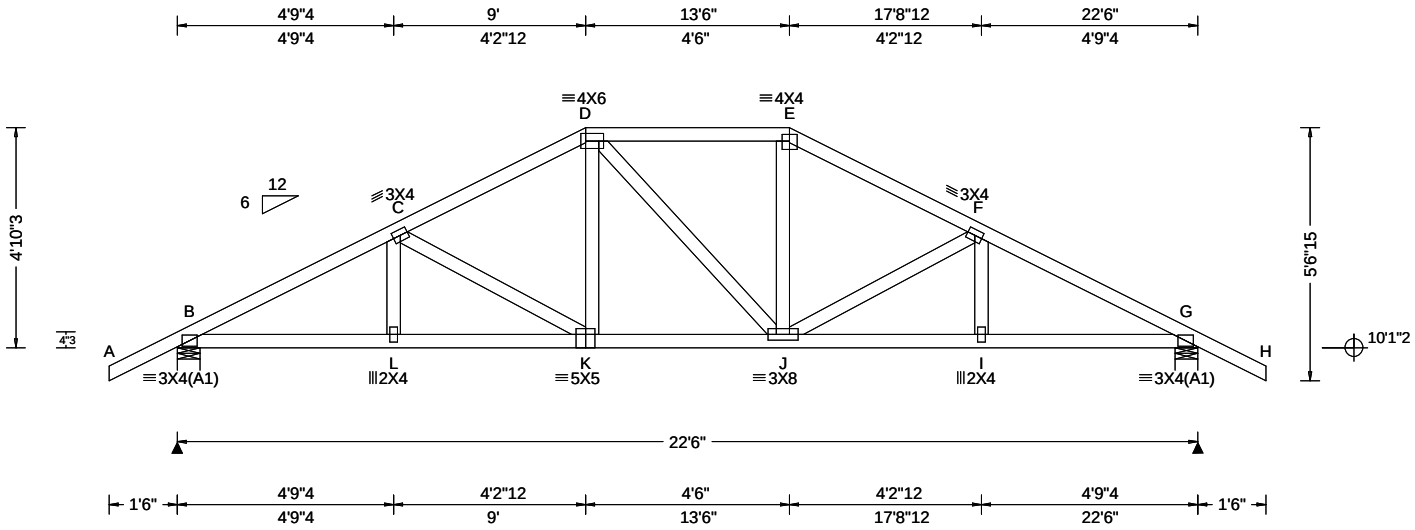
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672750 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** D05	Cust: R 215 JRef:1XLa2150003 T73 / DrwNo: 341.22.1105.11041 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.053	K	999	240
VERT(CL): 0.107	K	999	180
HORZ(LL): 0.023	G	-	-
HORZ(TL): 0.047	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.243
Max BC CSI: 0.408
Max Web CSI: 0.165

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1027	/-	/-	/619	/187	/154
G	1027	/-	/-	/619	/187	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
G Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B & 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.
B - C	611	- 1596	E - F	581	- 1254
C - D	583	- 1261	F - G	611	- 1596
D - E	566	- 1079			

Maximum Bot Chord Forces Per Ply (lbs)

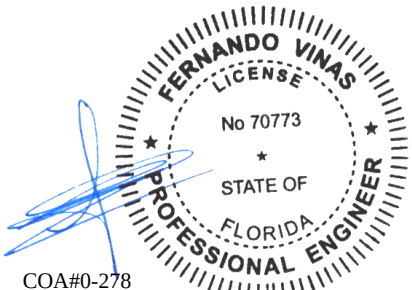
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - L	1369	- 443	J - I	1367	- 451
L - K	1367	- 445	I - G	1369	- 449
K - J	1076	- 327			

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.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 4-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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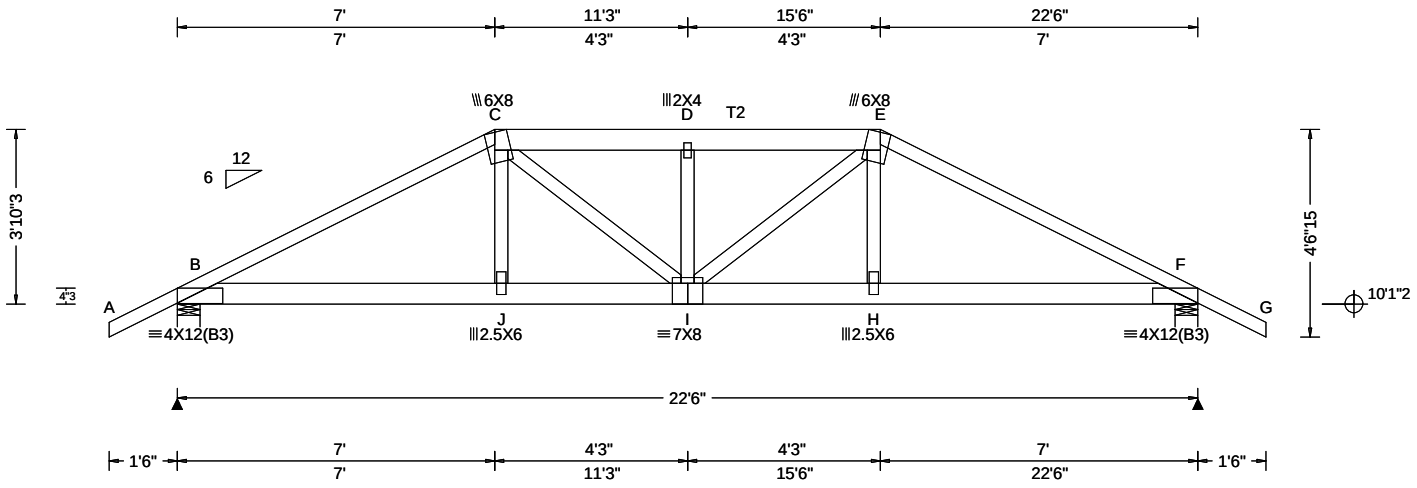
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444430 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** D06	Cust: R 215 JRef:1XLa2150003 T77 / DrwNo: 341.22.1105.11695 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.139	D	999	240
VERT(CL): 0.277	D	960	180
HORZ(LL): 0.048	F	-	-
HORZ(TL): 0.095	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.465
Max BC CSI: 0.842
Max Web CSI: 0.330

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	2421	/-	/-	/-	/500	/-
F	2421	/-	/-	/-	/500	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 2.9 (Truss)
F Brg Wid = 6.0 Min Req = 2.9 (Truss)
Bearings B & F are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	954	-4631	D - E	994	-4783
C - D	994	-4783	E - F	954	-4631

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	4077	-826	I - H	4106	-823
J - I	4106	-823	H - F	4077	-826

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - J	683	0	I - E	866	-217
C - I	866	-217	H - E	683	0
D - I	334	-700			

Lumber

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

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	7.00
TC: From	31 plf at	7.00 to	31 plf at	15.50
TC: From	62 plf at	15.50 to	62 plf at	24.00
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	15.47
BC: From	20 plf at	15.47 to	20 plf at	22.50
BC: From	4 plf at	22.50 to	4 plf at	24.00

TC: 434 lb Conc. Load at 7.03,15.47
TC: 187 lb Conc. Load at 9.06,11.06,11.44,13.44
BC: 503 lb Conc. Load at 7.03,15.47
BC: 129 lb Conc. Load at 9.06,11.06,11.44,13.44

Purlins

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

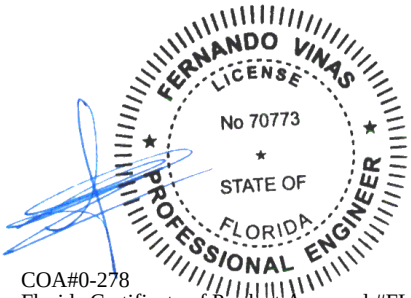
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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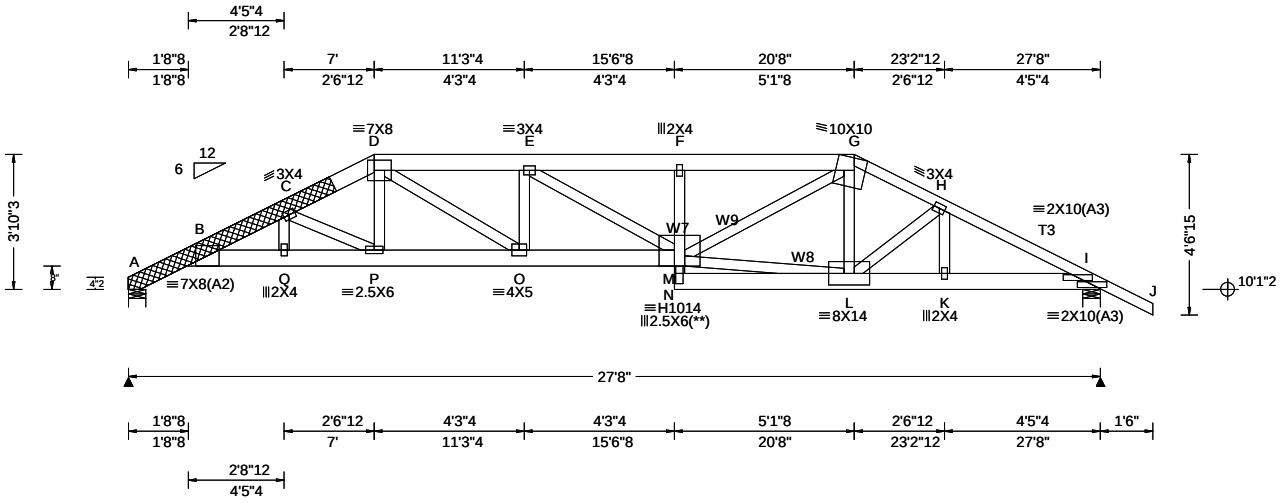
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 451699 HIPS	Ply: 2	**Job Number:** 22-8269	Cust: R 215 JRef:1XLa2150003 T18
FROM: CDM	Qty: 1	McCabe	DrwNo: 341.22.1157.42660
Page 1 of 2		**Truss Label:** G01	KD / FV 12/07/2022

2 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.169	E	999	240
VERT(CL): 0.338	E	966	180
HORZ(LL): 0.086	I	-	-
HORZ(TL): 0.173	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.488
Max BC CSI: 0.248
Max Web CSI: 0.381

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	2629	/-	/-	/-	/579	/-
I	2764	/-	/-	/-	/593	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 1.5 (Truss)
I Brg Wid = 6.0 Min Req = 1.5 (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	128	- 583	E - F	869	- 3905
B - C	732	- 3387	F - G	863	- 3875
C - D	714	- 3279	G - H	565	- 2656
D - E	796	- 3615	H - I	563	- 2658

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	3368	- 726	O - M	3655	- 810
Q - P	3362	- 724	L - K	2354	- 495
P - O	2936	- 638	K - I	2351	- 494

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Q - C	108	- 417	D - O	810	- 189
C - P	99	- 489	M - L	2258	- 471
D - P	575	- 95	M - G	1686	- 409

Lumber

Top chord: 2x6 SP 2400f-2.0E; T3 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W7,W9 2x4 SP #2;
W8 2x4 SP M-31;

Nailnote

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.

Special Loads

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

TC: From	62 plf at	0.00 to	62 plf at	7.00
TC: From	31 plf at	7.00 to	31 plf at	20.67
TC: From	62 plf at	20.67 to	62 plf at	29.17
BC: From	20 plf at	1.71 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	20.64
BC: From	20 plf at	20.64 to	20 plf at	27.67
BC: From	4 plf at	27.67 to	4 plf at	29.17

TC: 535 lb Conc. Load at 7.03
TC: 124 lb Conc. Load at 9.06,11.06,13.06,14.61
TC: 187 lb Conc. Load at 16.61,18.61
TC: 434 lb Conc. Load at 20.64
BC: 376 lb Conc. Load at 7.03
BC: 159 lb Conc. Load at 9.06,11.06,13.06,14.61
BC: 129 lb Conc. Load at 16.61,18.61
BC: 503 lb Conc. Load at 20.64

Purlins

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

Plating Notes

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

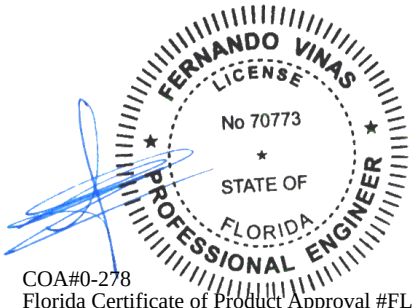
Tray Scab(s)

(2) 2x6x6-6-9 x SP 2400f-2.0E scabs at left end. Attach one scab to each outer face of chord with: 0.131"x3", min. nails @ 8" oc, Plus additional nail clusters at: BRG.: (4), heel: (6), 1st panel point: (3).

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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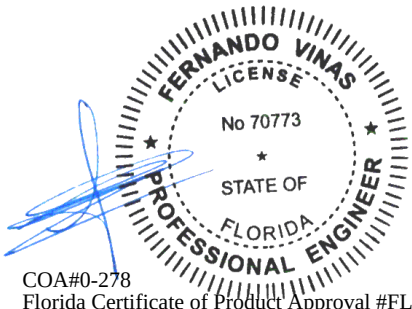
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

Additional Notes

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



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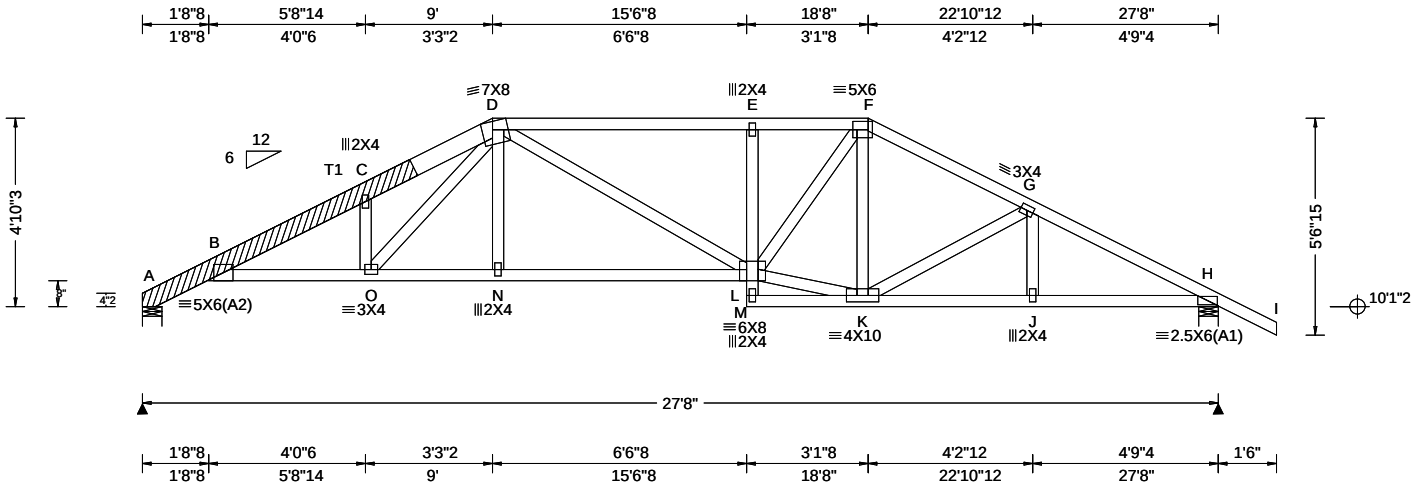
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682491 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** G02	Cust: R 215 JRef:1XLa2150003 T108 DrwNo: 341.22.1105.13181 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.133	N	999	240
VERT(CL): 0.267	N	999	180
HORZ(LL): 0.082	H	-	-
HORZ(TL): 0.166	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.543
Max BC CSI: 0.626
Max Web CSI: 0.562

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1110	/-	/-	/622	/217	/139
H	1234	/-	/-	/731	/226	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 1.5 (Truss)
H Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings A & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	244	- 487	E - F	1028	- 2020
B - C	988	- 2409	F - G	799	- 1702
C - D	1089	- 2506	G - H	817	- 2035
D - E	1033	- 2032			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	2282	- 838	K - J	1758	- 644
O - N	1784	- 666	J - H	1760	- 641
N - L	1790	- 665			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - O	254	- 596	L - K	1475	- 523
O - D	670	- 221	L - F	894	- 467

Lumber

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

Tray Scab(s)

(1) 2x6x7-10-2 x SP 2400f-2.0E scab at left end. Attach scab to face of chord with: 0.131"x3", min. nails @ 8" oc, plus additional nail clusters at: BRG.: (4), heel: (6), 1st panel point: (2).

Purlins

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

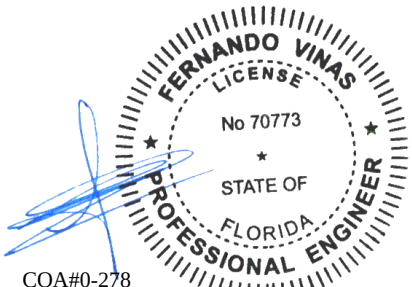
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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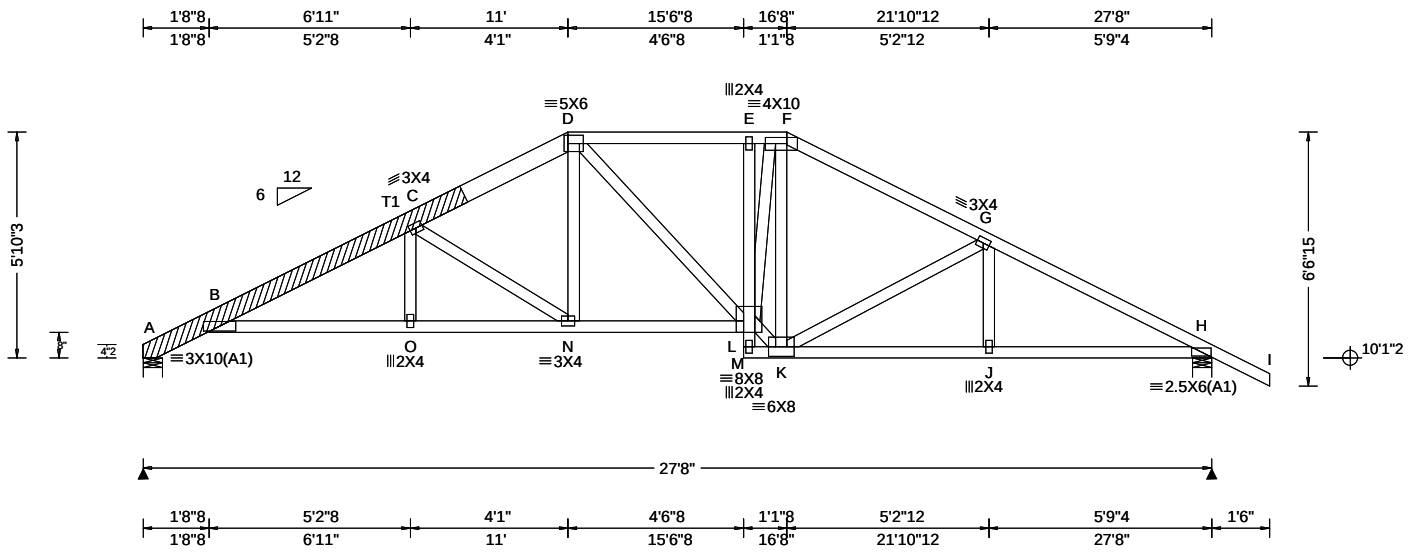
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682476 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** G03	Cust: R 215 JRef:1XLa2150003 T60 DrwNo: 341.22.1105.13540 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.138	N	999	240
VERT(CL): 0.276	N	999	180
HORZ(LL): 0.095	H	-	-
HORZ(TL): 0.191	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.306
Max BC CSI: 0.568
Max Web CSI: 0.682

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1110	/-	/-	/628	/215	/165
H	1234	/-	/-	/737	/224	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 1.5 (Truss)
H Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings A & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	216	- 487	E - F	710	- 1588
B - C	772	- 2265	F - G	640	- 1564
C - D	713	- 1779	G - H	673	- 2007
D - E	715	- 1602			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	2105	- 612	K - J	1726	- 506
O - N	2102	- 612	J - H	1728	- 504
N - L	1524	- 418			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - N	237	- 703	L - F	1364	- 483
D - N	436	- 72	K - F	295	- 903
L - K	1792	- 478	K - G	161	- 453

Lumber

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

Tray Scab(s)

(1) 2x6x9-3-14 x SP 2400f-2.0E scab at left end. Attach scab to face of chord with: 0.131"x3", min. nails @ 8" oc, plus additional nail clusters at: BRG.: (4), heel: (6), 1st panel point: (2).

Purlins

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

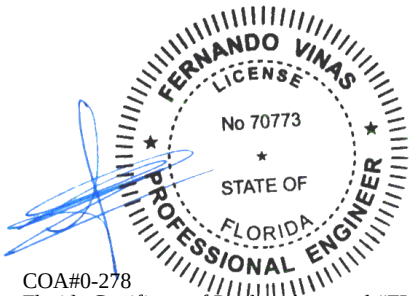
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



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Florida Certificate of Product Approval #FL1999
12/07/2022

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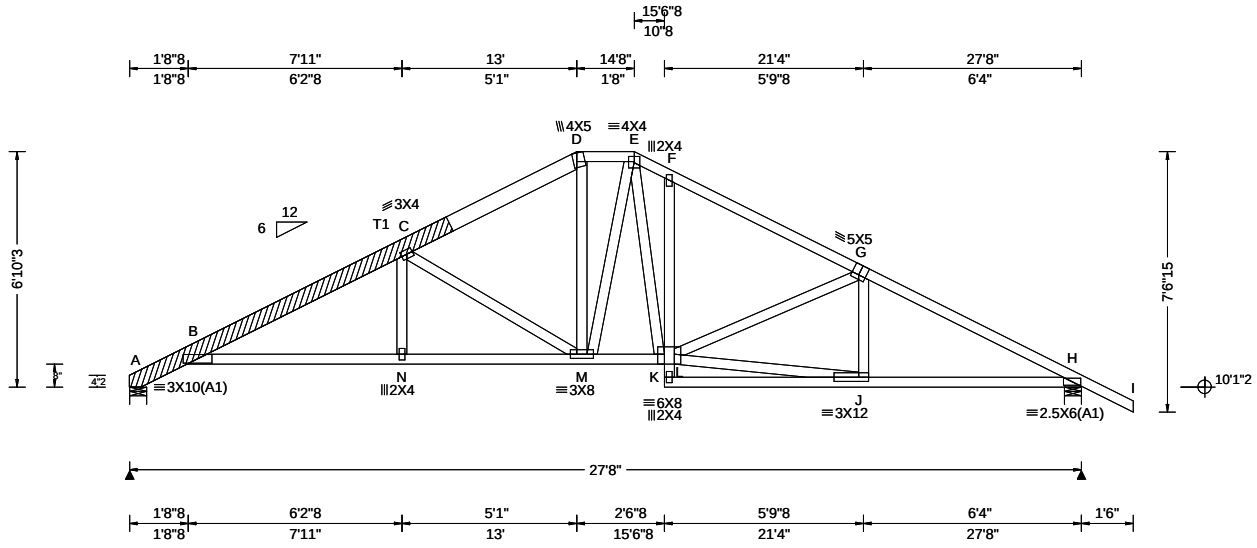
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682479 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** G04	Cust: R 215 JRef:1XLa2150003 T7 DrwNo: 341.22.1105.13336 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.138	N	999	240
VERT(CL): 0.277	N	999	180
HORZ(LL): 0.089	H	-	-
HORZ(TL): 0.178	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.360
Max BC CSI: 0.644
Max Web CSI: 0.626

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1110	/-	/-	/629	/212	/191
H	1234	/-	/-	/739	/221	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 1.5 (Truss)
H Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings A & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	187	- 487	E - F	617	- 1664
B - C	574	- 2171	F - G	518	- 1688
C - D	507	- 1546	G - H	521	- 1990
D - E	485	- 1303			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	1995	- 411	M - K	1304	- 192
N - M	1991	- 411	J - H	1707	- 361

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	270	- 829	E - K	780	- 295
D - M	467	- 108	K - J	1644	- 350

Lumber

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

Tray Scab(s)

(1) 2x6x10-5-5 x SP 2400f-2.0E scab at left end. Attach scab to face of chord with: 0.131"x3", min. nails @ 8" oc, plus additional nail clusters at: BRG.: (4), heel: (5), 1st panel point: (0).

Purlins

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

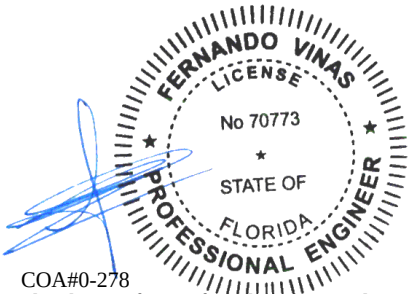
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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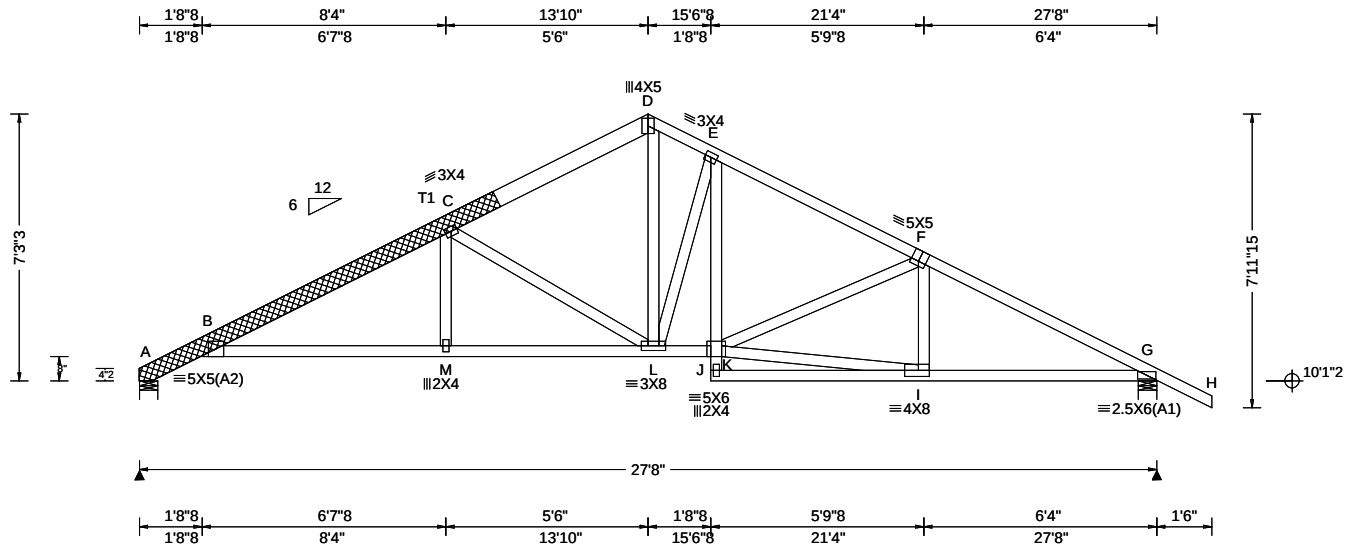
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682482 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** G05	Cust: R 215 JRef:1XLa2150003 T64 DrwNo: 341.22.1105.13570 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.125	M	999	240
VERT(CL): 0.252	M	999	180
HORZ(LL): 0.078	G	-	-
HORZ(TL): 0.158	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.364
Max BC CSI: 0.694
Max Web CSI: 0.671

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1110	/-	/-	/629	/35	/202
G	1234	/-	/-	/738	/30	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 1.5 (Truss)
G Brg Wid = 6.0 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	175	- 487	D - E	455	- 1407
B - C	490	- 2103	E - F	446	- 1683
C - D	426	- 1458	F - G	457	- 1991

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	1916	- 320	L - J	1434	- 178
M - L	1912	- 320	I - G	1708	- 304

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - L	266	- 820	E - J	516	- 88
D - L	1046	- 309	J - I	1641	- 295
L - E	241	- 662			

Lumber

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

Tray Scab(s)

(2) 2x6x10-10-14 x SP 2400f-2.0E scabs at left end. Attach one scab to each outer face of chord with: 0.131"x3", min. nails @ 8" oc, Plus additional nail clusters at: BRG.: (3), heel: (4), 1st panel point: (0).

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-3-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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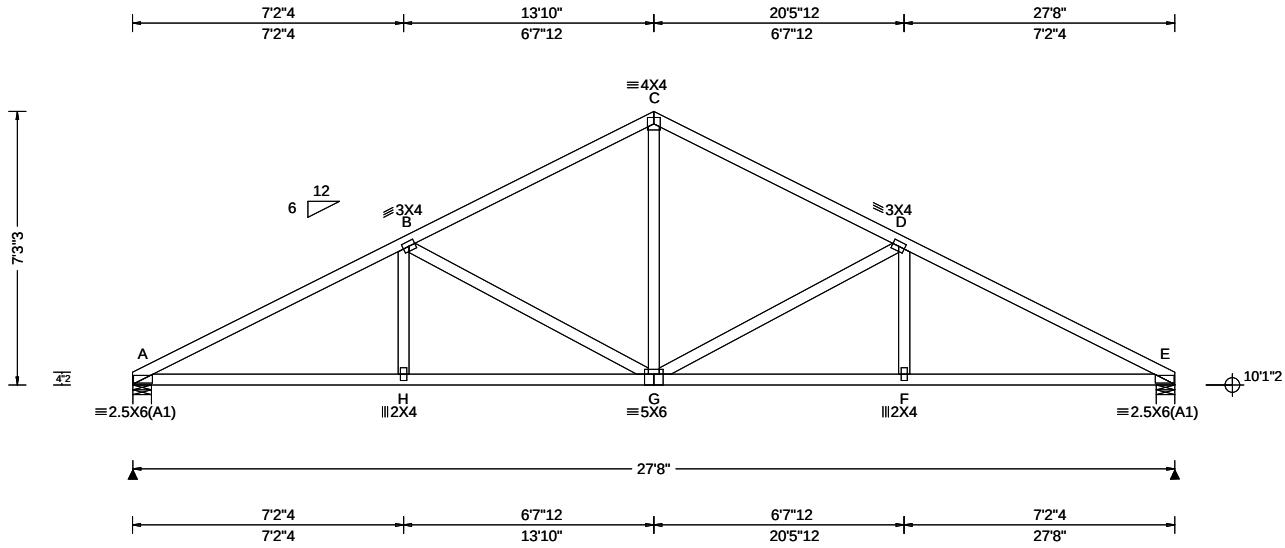
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672925 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** G06	Cust: R 215 JRef:1XLa2150003 T67 / DrwNo: 341.22.1105.11384 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.078	G	999	240
VERT(CL): 0.162	G	999	180
HORZ(LL): 0.036	E	-	-
HORZ(TL): 0.073	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.540
Max BC CSI: 0.601
Max Web CSI: 0.703

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1139	/-	/-	/657	/19	/178
E	1139	/-	/-	/657	/19	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 1.5 (Truss)
E Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings A & E are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	477	- 2000	C - D	416	- 1377
B - C	417	- 1377	D - E	477	- 1999

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	1712	- 357	G - F	1708	- 344
H - G	1708	- 359	F - E	1711	- 343

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	233	- 646	G - D	233	- 645
C - G	757	- 151			

Lumber

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

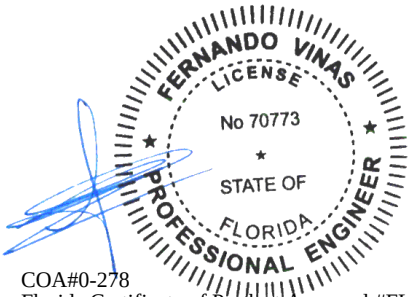
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-3-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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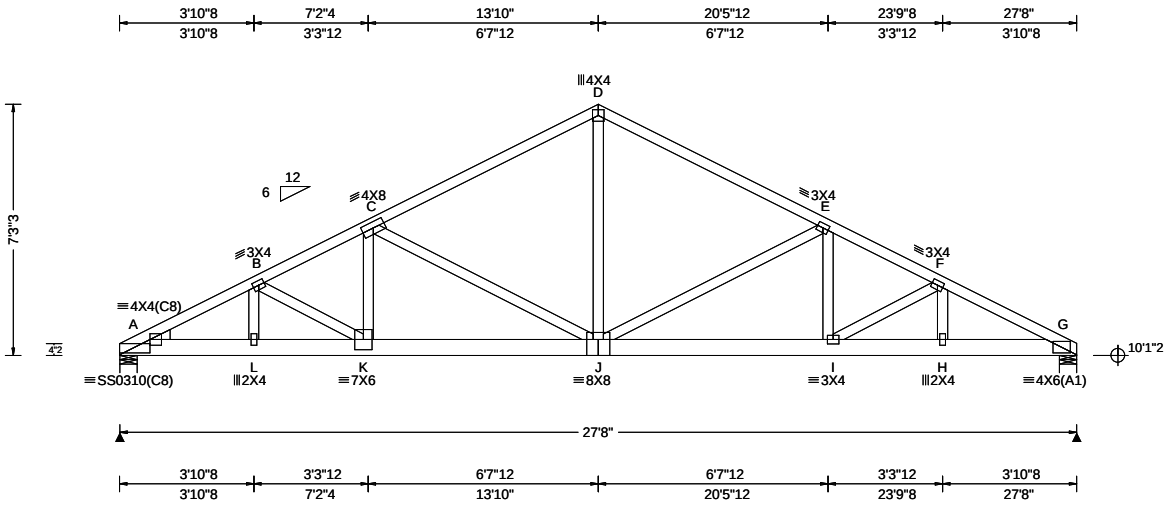
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444428 / SPEC FROM: CDM	Ply: 3 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** G07	Cust: R 215 JRef:1XLa2150003 T68 / DrwNo: 341.22.1105.11101 KD / FV 12/07/2022

3 Complete Trusses Required



Loading Criteria (psf)

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

Wind Criteria

Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
18SS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.154	K	999	240
VERT(CL): 0.305	K	999	180
HORZ(LL): 0.038	B	-	-
HORZ(TL): 0.075	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.466
Max BC CSI: 0.593
Max Web CSI: 0.834

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	8278	/-	/-	/-	/832	/-
G	4803	/-	/-	/-	/669	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 2.3 (Truss)
G Brg Wid = 6.0 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	559	- 5377	D - E	319	- 2587
B - C	550	- 4906	E - F	395	- 2979
C - D	326	- 2604	F - G	429	- 3180

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - L	4794	- 494	J - I	2640	- 348
L - K	4777	- 495	I - H	2823	- 378
K - J	4259	- 479	H - G	2829	- 379

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - B	413	0	C - J	226	- 2229
B - K	6	- 463	D - J	2189	- 238
K - C	1990	- 166	J - E	76	- 383

Lumber

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

Nailnote

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.75" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 62 plf at 0.00 to 62 plf at 13.84
TC: From 31 plf at 13.84 to 31 plf at 23.44
TC: From 62 plf at 23.44 to 62 plf at 27.67
BC: From 10 plf at 0.00 to 10 plf at 27.67
BC: 1193 lb Conc. Load at 1.94, 3.94, 5.94
BC: 1566 lb Conc. Load at 6.56 +
BC: 1357 lb Conc. Load at 8.56
BC: 1360 lb Conc. Load at 10.56,11.94
BC: 106 lb Conc. Load at 13.44
BC: 221 lb Conc. Load at 15.44
BC: 319 lb Conc. Load at 17.44
BC: 390 lb Conc. Load at 19.44
BC: 269 lb Conc. Load at 21.44
BC: 238 lb Conc. Load at 23.44
BC: 280 lb Conc. Load at 24.06
BC: 331 lb Conc. Load at 26.06

Wind

Wind loads and reactions based on MWFRS.

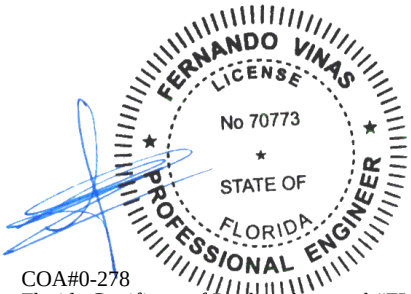
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-3-3.

+ PROVIDE (4) 0.131"X3.0" GUN NAILS IN AREA OF CONCENTRATED LOAD OPPOSITE HANGER, WITHOUT SPLITTING LUMBER.

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



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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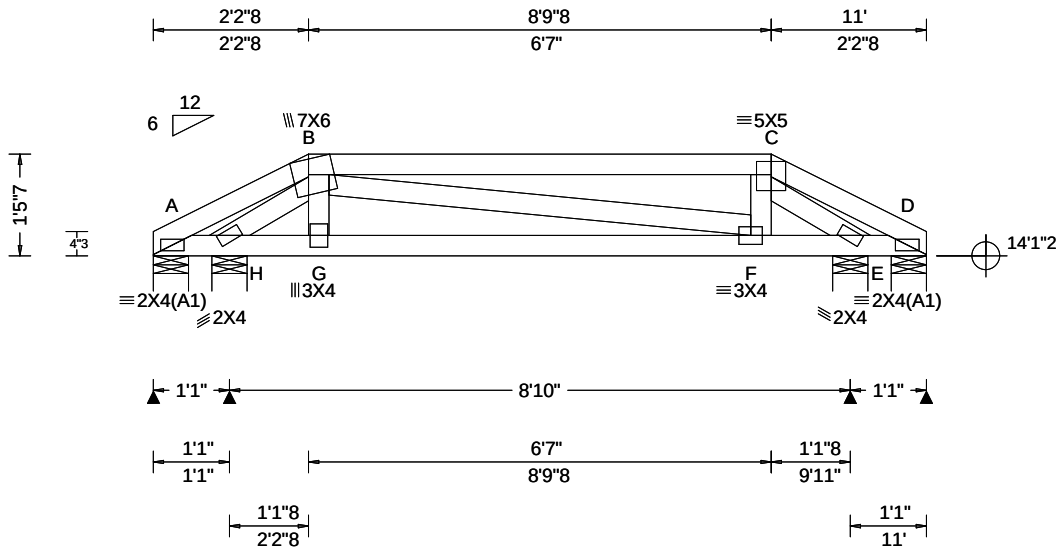
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444438 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** H01	Cust: R 215 JRef:1XLa2150003 T46 DrwNo: 341.22.1105.10712 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.011	F	999	240
VERT(CL): 0.023	F	999	180
HORZ(LL): 0.005	E	-	-
HORZ(TL): 0.010	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.966
Max BC CSI: 0.625
Max Web CSI: 0.334

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	12	/-200	/-	/4	/-	/-
H	1195	/-	/-	/-	/86	/-
E	1275	/-	/-	/-	/88	/-
D	6	/-266	/-	/5	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 Min Req = 1.5 (Truss)
H Brg Wid = 6.0 Min Req = 1.5 (Truss)
E Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings A, H, E, & 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	47	-1069	C - D	399	-15

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	944	-54	F - E	856	-55
G - F	1054	-50			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - B	89	-1685	F - C	869	0
B - G	876	0	C - E	93	-1725

Lumber

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

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 31 plf at 0.00 to 31 plf at 11.00
BC: From 10 plf at 0.00 to 10 plf at 11.00
TC: 52 lb Conc. Load at 2.24, 8.76
TC: 31 lb Conc. Load at 4.27, 5.50, 6.73
BC: 183 lb Conc. Load at 1.40, 9.60
BC: 47 lb Conc. Load at 2.24, 8.76
BC: 202 lb Conc. Load at 3.40, 7.60
BC: 32 lb Conc. Load at 4.27, 5.50, 6.73
BC: 196 lb Conc. Load at 5.40, 5.60

Purlins

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

Wind

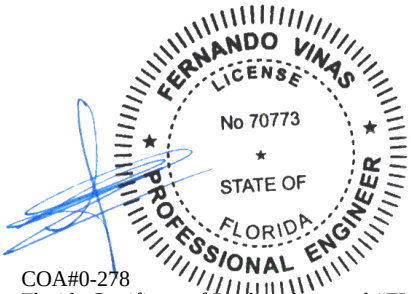
Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -266# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

The overall height of this truss excluding overhang is 1-5-7.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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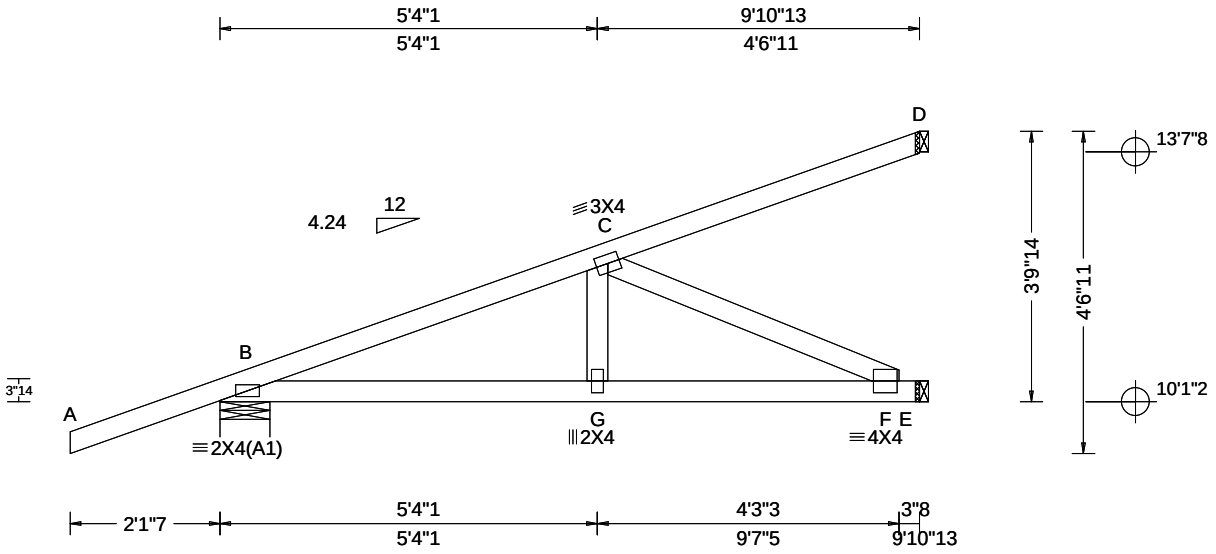
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682452 / HIP_ FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 22-8269 McCabe **Truss Label:** HJ01	Cust: R 215 JRef:1XLa2150003 T17 / DrwNo: 341.22.1105.11618 KD / FV 12/07/2022



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.022 G	999	240
VERT(CL):	0.044 G	999	180
HORZ(LL):	0.005 F	-	-
HORZ(TL):	0.011 F	-	-

Creep Factor: 2.0
Max TC CSI: 0.594
Max BC CSI: 0.533
Max Web CSI: 0.333

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	461	/-	/-	/-	/96	/-
E	374	/-	/-	/-	/11	/-
D	247	/-	/-	/-	/94	/-

Wind reactions based on MWFRS
B Brg Wid = 8.5 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.
B - C	122	- 739

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	675	- 108	G - F	668	- 112

Maximum Web Forces Per Ply (lbs)

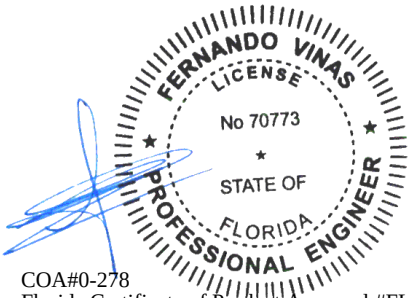
Webs	Tens.	Comp.
C - F	123	- 737

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 3-9-14.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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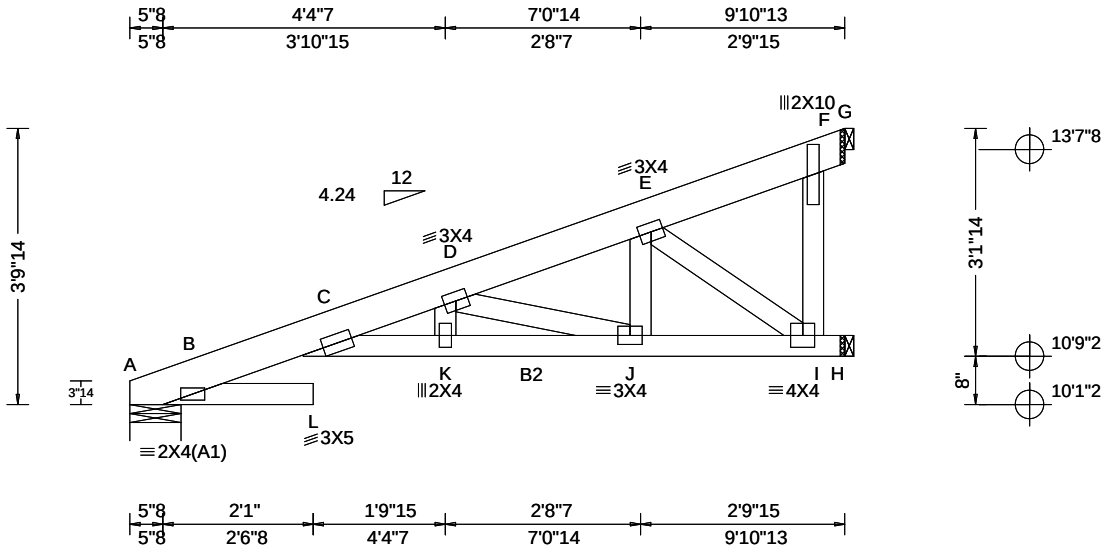
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 451695 HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ01A		Cust: R 215 JRef:1XLa2150003 T107 DrwNo: 341.22.1158.08517 KD / FV 12/07/2022	



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.054	L	999	240
VERT(CL): 0.112	L	994	180
HORZ(LL): 0.023	I	-	-
HORZ(TL): 0.048	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.270
Max BC CSI: 0.145
Max Web CSI: 0.177

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	350 /-	/-	/-	/55	/-
H	217 /-	/-	/-	/53	/-
G	411 /-	/-	/-	/53	/-

Wind reactions based on MWFRS
A Brg Wid = 8.5 Min Req = 1.5 (Truss)
H Brg Wid = 1.5 Min Req = -
G Brg Wid = 1.5 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	182	-1082	D - E	125	-728

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - K	1122	-187	J - I	632	-110
K - J	1121	-189			

Maximum Web Forces Per Ply (lbs)

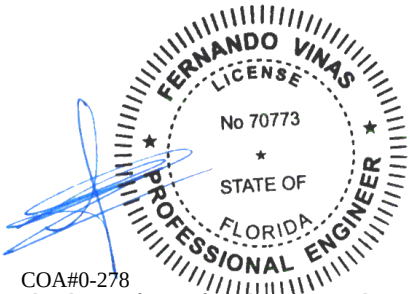
Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - J	85	-478	E - I	135	-777

Lumber
Top chord: 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3;

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

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

Additional Notes
The overall height of this truss excluding overhang is 3-9-14.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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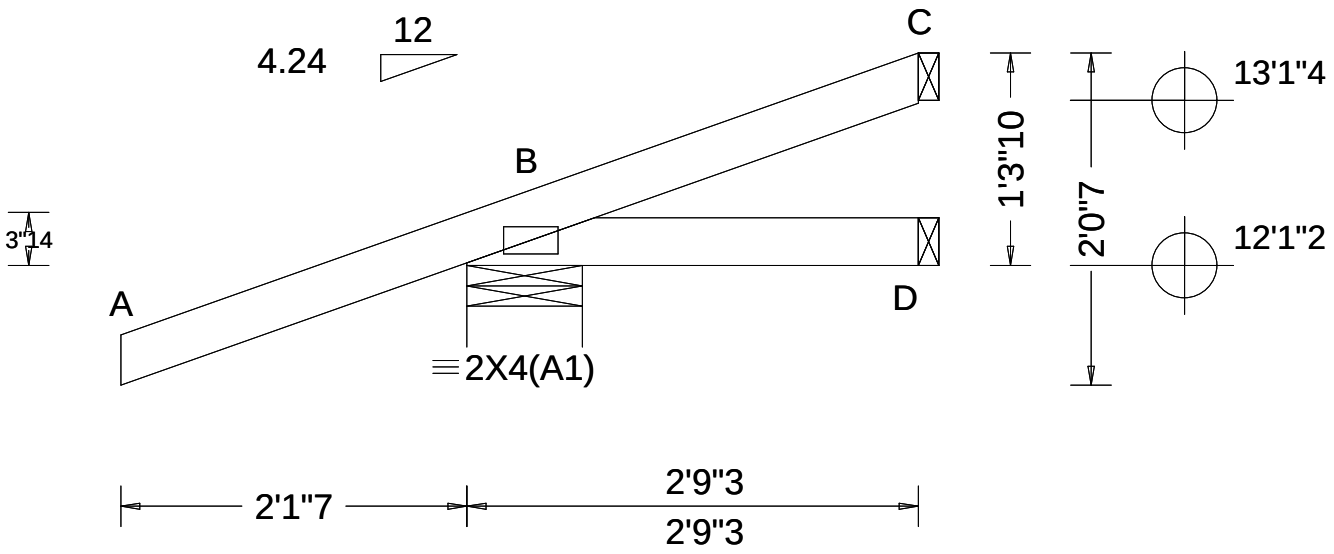
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444426 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ02	Cust: R 215 JRef:1XLa2150003 T41 / DrwNo: 341.22.1105.11601 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.001 B - -
HORZ(TL): 0.002 B - -
Creep Factor: 2.0
Max TC CSI: 0.275
Max BC CSI: 0.075
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	162	/-	/-	/-	/45	/-
D	-	/-8	/-	/10	/-	/-
C	4	/-	/-	/-	/3	/-

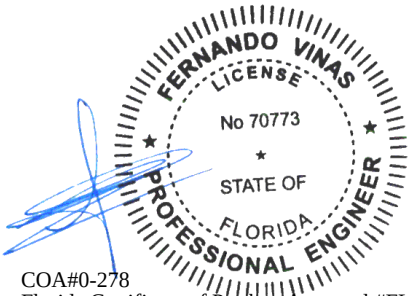
Wind reactions based on MWFRS
B Brg Wid = 8.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

Loading
Hipjack supports 1-11-8 setback jacks with no webs.

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

Additional Notes
The overall height of this truss excluding overhang is 1-3-10.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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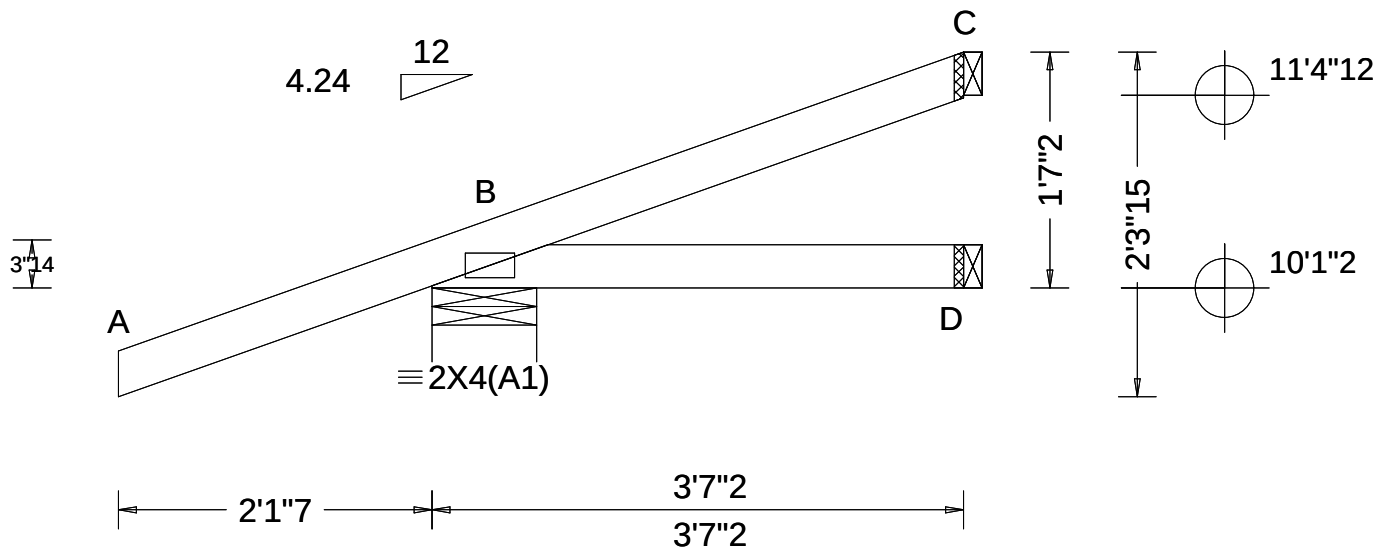
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444406 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ03	Cust: R 215 JRef:1XLa2150003 T74 DrwNo: 341.22.1105.10243 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 B - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.348
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.091
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1214.12
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	191	/-	/-	/-	/51	/-
D	2	/-	/-	/12	/-	/-
C	30	/-	/-	/-	/12	/-

Wind reactions based on MWFRS
B Brg Wid = 8.5 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;

Loading

Hipjack supports 2-6-8 setback jacks with no webs.

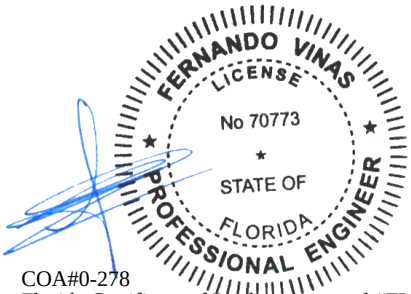
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-7-2.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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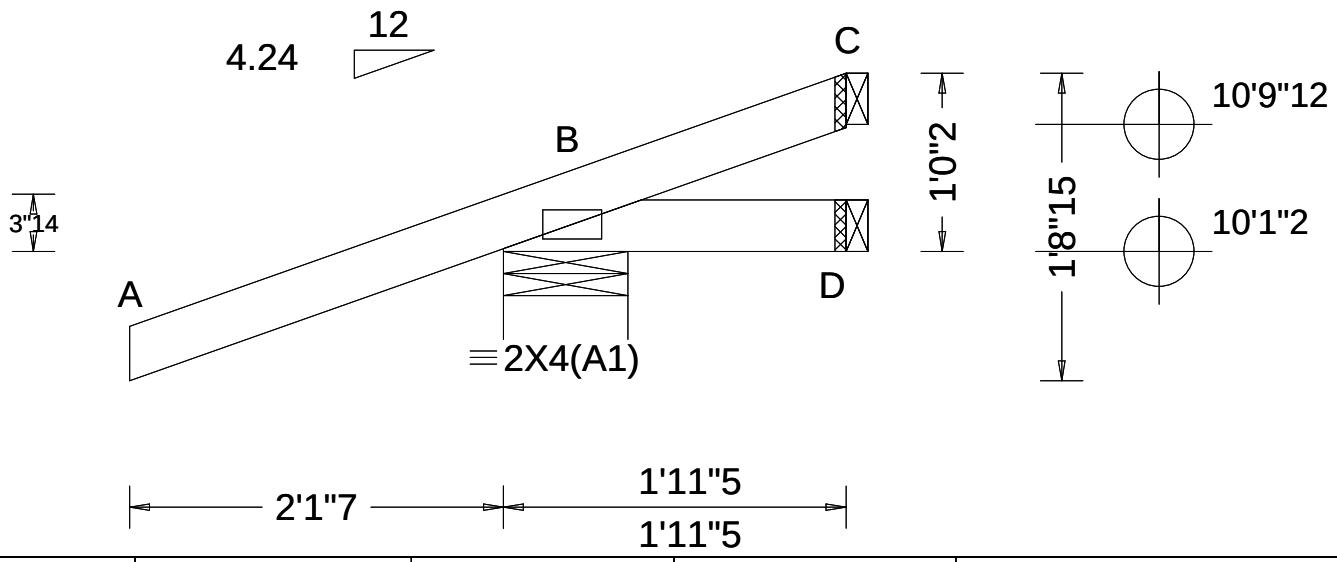
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444410 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ04	Cust: R 215 JRef:1XLa2150003 T21 / DrwNo: 341.22.1105.11463 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.130
Max BC CSI: 0.030
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	94	/-	/-	/-	/37	/-
D	-	/-8	/-	/6	/-	/-
C	-	/-6	/-	/8	/-	/-

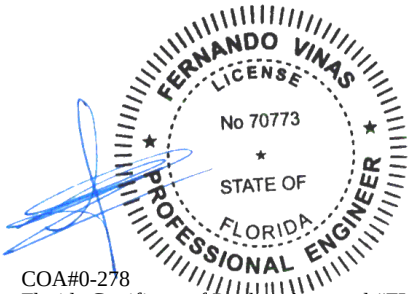
Wind reactions based on MWFRS
B Brg Wid = 8.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

Loading
Hipjack supports 1-4-8 setback jacks with no webs.

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

Additional Notes
The overall height of this truss excluding overhang is 1-0-2.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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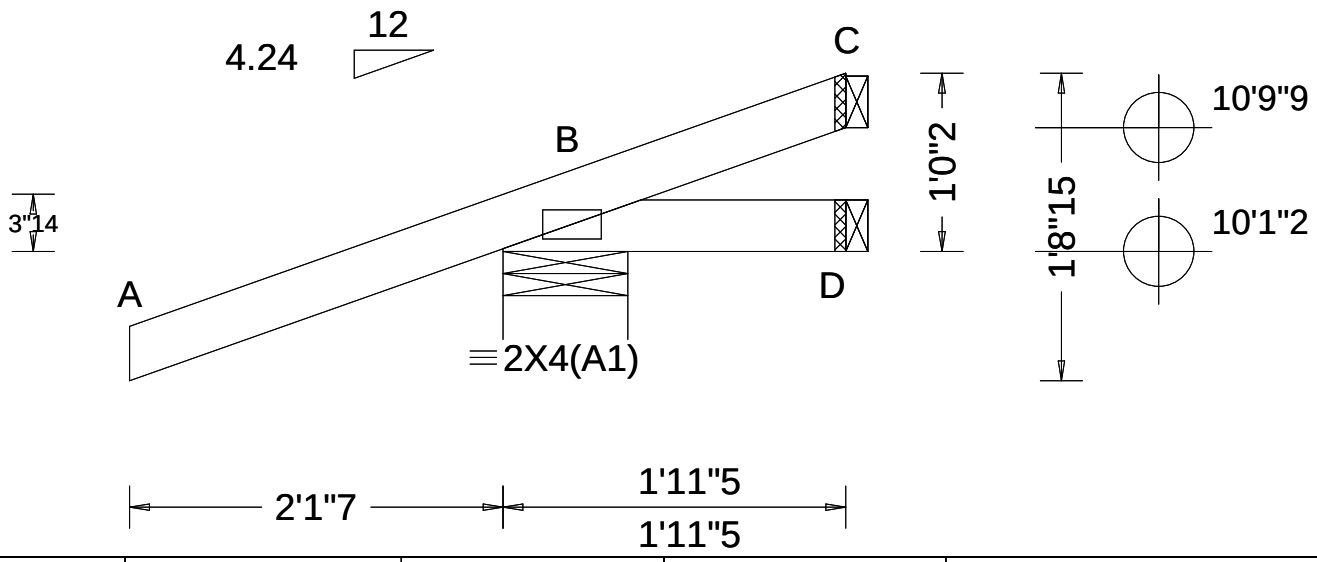
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444384 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ05	Cust: R 215 JRef:1XLa2150003 T103 DrwNo: 341.22.1105.12102 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.000 B - -
HORZ(TL): 0.001 B - -
Creep Factor: 2.0
Max TC CSI: 0.130
Max BC CSI: 0.030
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	94	/-	/-	/-	/37	/-
D	-	/-8	/-	/6	/-	/-
C	-	/-6	/-	/8	/-	/-

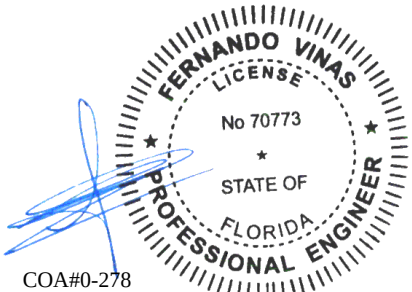
Wind reactions based on MWFRS
B Brg Wid = 8.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

Loading
Hipjack supports 1-4-8 setback jacks with no webs.

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

Additional Notes
The overall height of this truss excluding overhang is 1-0-2.



COA#0-278
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12/07/2022

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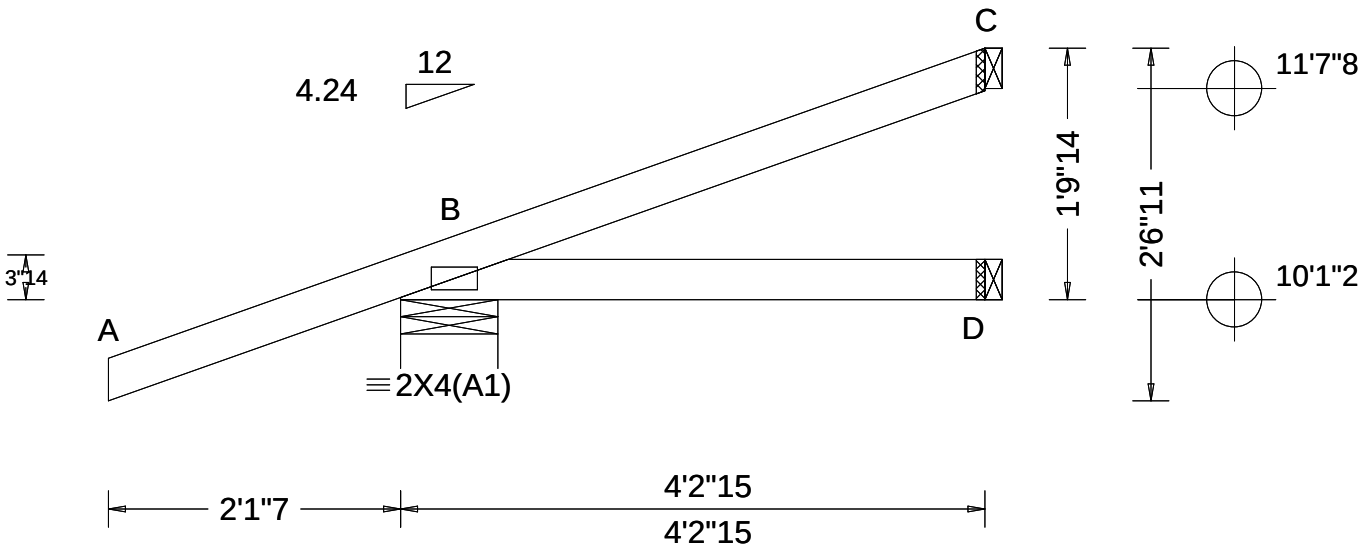
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682725 / HIP_ FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** HJ06	Cust: R 215 JRef:1XLa2150003 T102 DrwNo: 341.22.1105.13086 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.405
Max BC CSI: 0.112
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	218	/-	/-	/-	/57	/-
D	12	/-	/-	/15	/-	/-
C	53	/-	/-	/-	/20	/-

Wind reactions based on MWFRS
B Brg Wid = 8.5 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;

Loading
Hipjack supports 3-0-0 setback jacks with no webs.

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

Additional Notes
The overall height of this truss excluding overhang is 1-9-14.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

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12/07/2022

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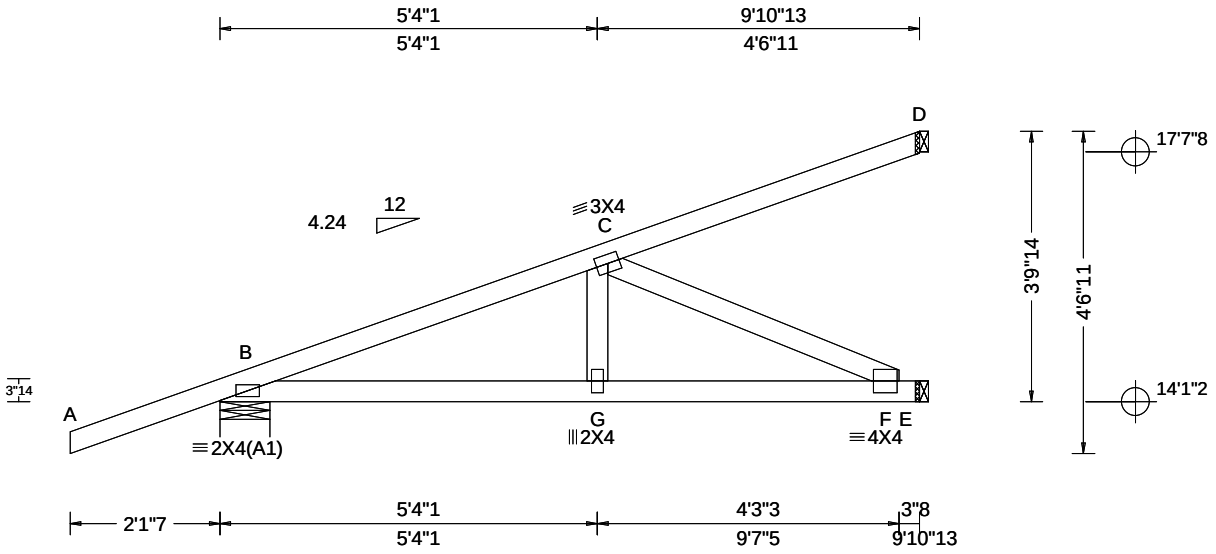
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444412 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ07	Cust: R 215 JRef:1XLa2150003 T23 / DrwNo: 341.22.1105.11696 KD / FV 12/07/2022



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.79 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.022	G	999	240
VERT(CL): 0.044	G	999	180
HORZ(LL): 0.005	F	-	-
HORZ(TL): 0.011	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.594
Max BC CSI: 0.533
Max Web CSI: 0.333

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	461	/-	/-	/-	/103	/-
E	374	/-	/-	/-	/15	/-
D	247	/-	/-	/-	/98	/-

Wind reactions based on MWFRS
B Brg Wid = 8.5 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.
B - C	132	-739

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	675	-116	G - F	668	-120

Maximum Web Forces Per Ply (lbs)

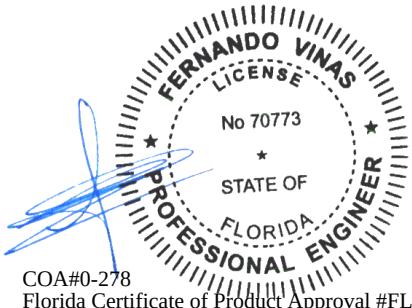
Webs	Tens.	Comp.
C - F	132	-737

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 3-9-14.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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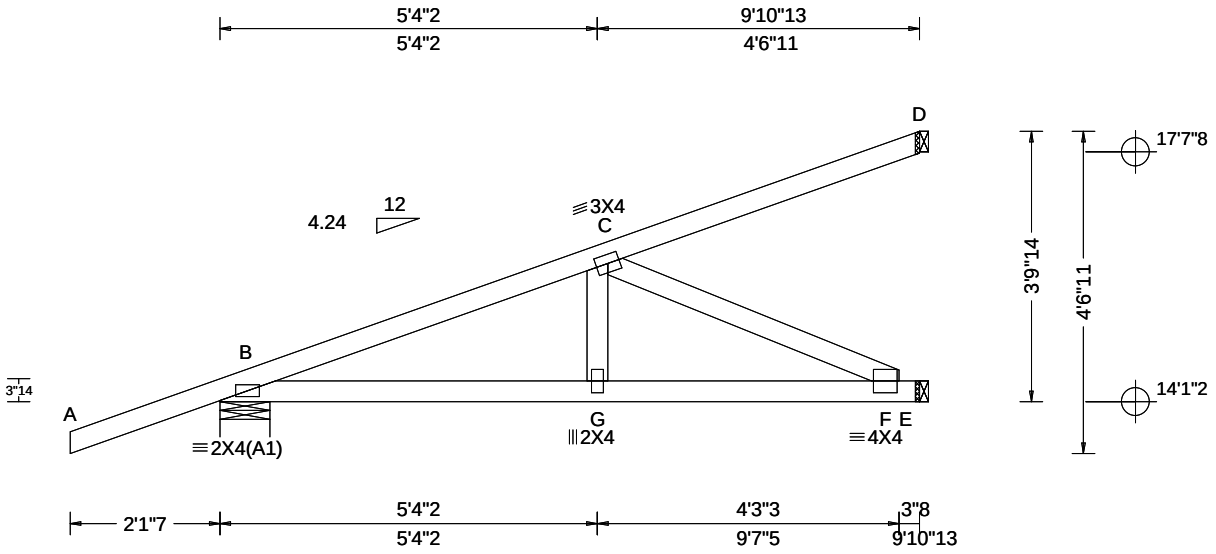
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444418 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ08	Cust: R 215 JRef:1XLa2150003 T34 / DrwNo: 341.22.1105.11305 KD / FV 12/07/2022



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.79 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.022 G	999	240
VERT(CL):	0.044 G	999	180
HORZ(LL):	0.005 F	-	-
HORZ(TL):	0.011 F	-	-

Creep Factor: 2.0
Max TC CSI: 0.594
Max BC CSI: 0.533
Max Web CSI: 0.333

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	461	/-	/-	/-	/103	/-
E	374	/-	/-	/-	/15	/-
D	247	/-	/-	/-	/98	/-

Wind reactions based on MWFRS
B Brg Wid = 8.5 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.
B - C	132	- 739

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	675	- 116	G - F	668	- 120

Maximum Web Forces Per Ply (lbs)

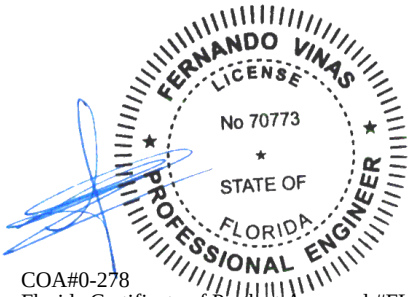
Webs	Tens.	Comp.
C - F	133	- 737

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 3-9-14.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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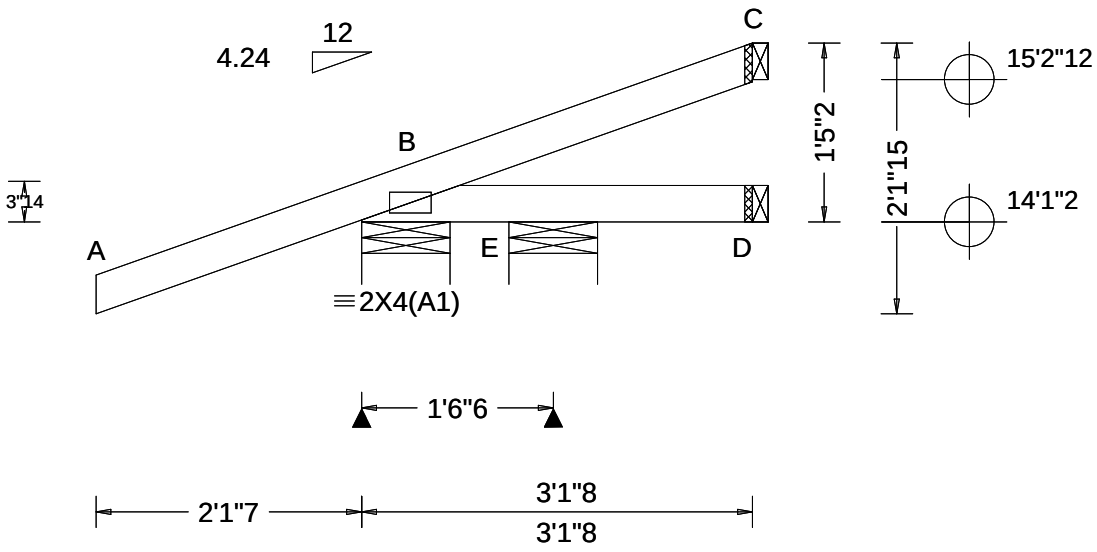
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444416 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ09	Cust: R 215 JRef:1XLa2150003 T62 DrwNo: 341.22.1105.12633 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.001 B - -
HORZ(TL): 0.001 B - -
Creep Factor: 2.0
Max TC CSI: 0.306
Max BC CSI: 0.076
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	202	/-	/-	/-	/60	/-
E	-	/-54	/-	/24	/-	/-
D	15	/-	/-	/2	/-	/-
C	21	/-	/-	/-	/9	/-

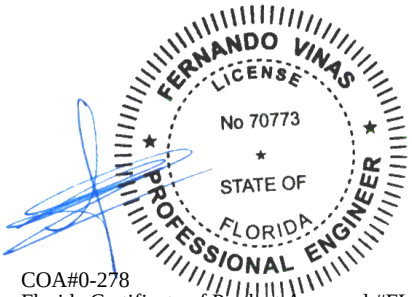
Wind reactions based on MWFRS
B Brg Wid = 8.5 Min Req = 1.5 (Truss)
E Brg Wid = 8.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearings B & E are a rigid surface.
Members not listed have forces less than 375#

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

Loading
Hipjack supports 2-2-8 setback jacks with no webs.

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

Additional Notes
The overall height of this truss excluding overhang is 1-5-2.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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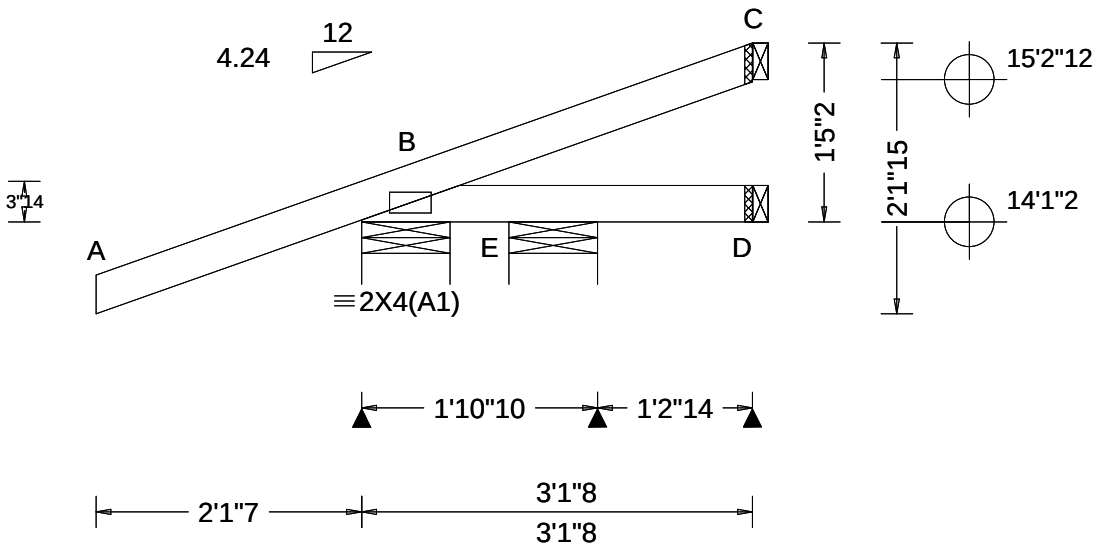
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444414 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** HJ10	Cust: R 215 JRef:1XLa2150003 T6 / DrwNo: 341.22.1105.11946 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.001 B - -
HORZ(TL): 0.001 B - -
Creep Factor: 2.0
Max TC CSI: 0.306
Max BC CSI: 0.076
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	202	/-	/-	/-	/60	/-
E	-	/-54	/-	/24	/-	/-
D	15	/-	/-	/2	/-	/-
C	21	/-	/-	/-	/9	/-

Wind reactions based on MWFRS
B Brg Wid = 8.5 Min Req = 1.5 (Truss)
E Brg Wid = 8.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearings B & E are a rigid surface.
Members not listed have forces less than 375#

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

Loading
Hipjack supports 2-2-8 setback jacks with no webs.

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

Additional Notes
The overall height of this truss excluding overhang is 1-5-2.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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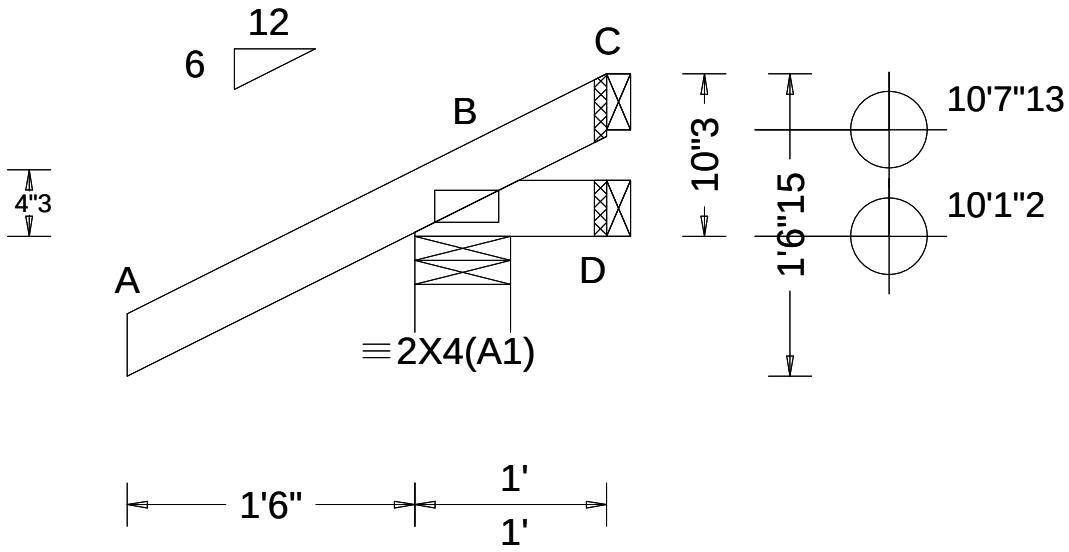
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672770 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J08	Cust: R 215 JRef:1XLa2150003 T100 DrwNo: 341.22.1105.12415 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.250
Max BC CSI: 0.035
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	254	/-	/-	/202	/70	/38
D	4	/-18	/-	/16	/16	/-
C	-	/-54	/-	/34	/51	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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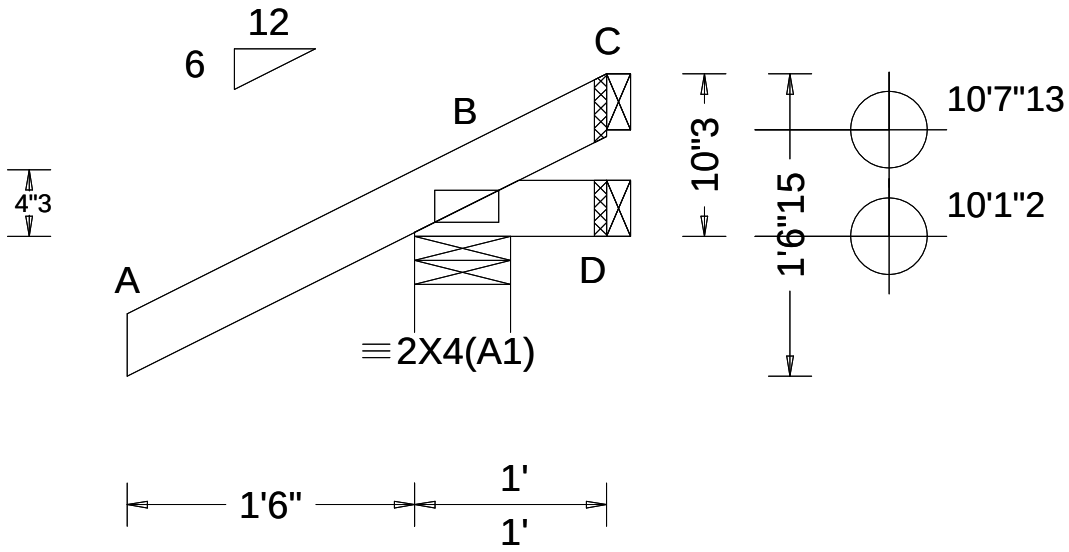
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682731 / JACK FROM: CDM	Ply: 1 Qty: 16	**Job Number:** 22-8269 McCabe **Truss Label:** J01	Cust: R 215 JRef:1XLa2150003 T14 DrwNo: 341.22.1105.10289 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.250
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.035
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	254	/-	/-	/202	/69	/38
D	4	/-18	/-	/16	/16	/-
C	-	/-53	/-	/34	/51	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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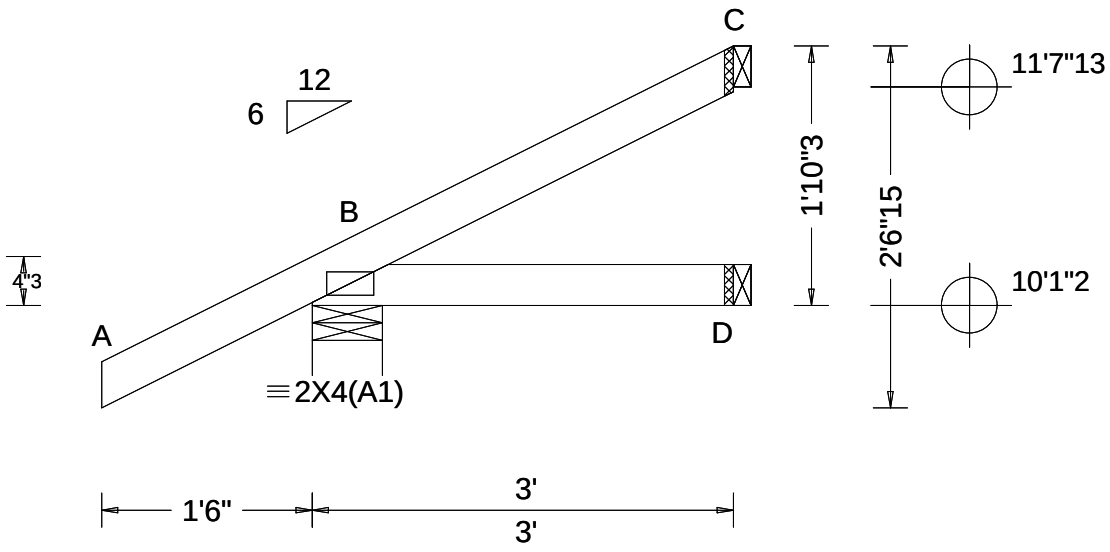
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682733 / JACK FROM: CDM	Ply: 1 Qty: 10	**Job Number:** 22-8269 McCabe **Truss Label:** J02	Cust: R 215 JRef:1XLa2150003 T13 / DrwNo: 341.22.1105.12524 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.164
Max BC CSI: 0.064
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	262	/-	/-	/190	/42	/73
D	49	/-	/-	/26	/-	/-
C	62	/-	/-	/36	/34	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
The overall height of this truss excluding overhang is 1-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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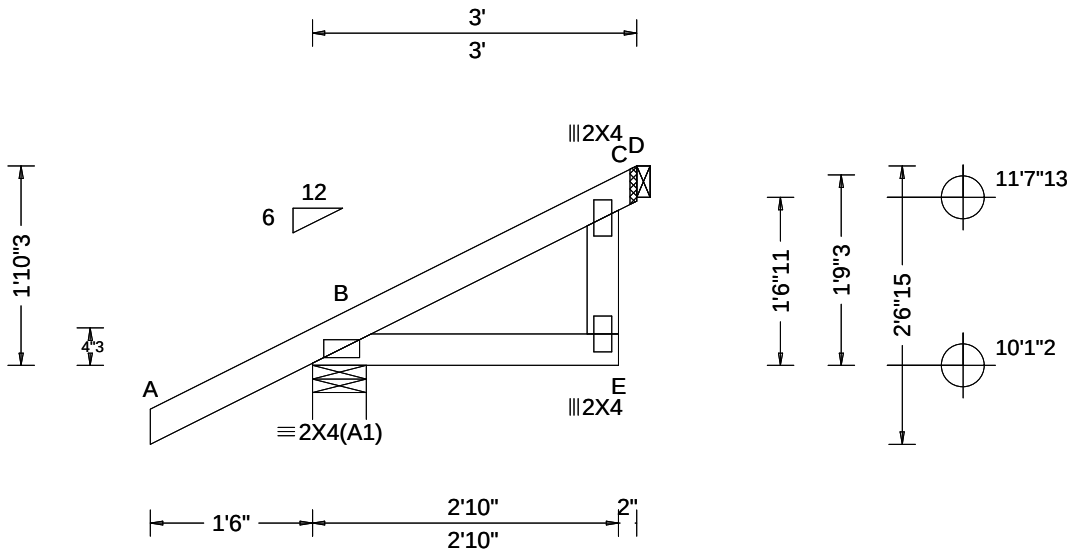
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682735 / JACK FROM:	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** J02A	Cust: R 215 JRef:1XLa2150003 T69 DrwNo: 341.22.1105.13601 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	B	999	240
VERT(CL): 0.002	B	999	180
HORZ(LL): 0.001	B	-	-
HORZ(TL): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.163
Max BC CSI: 0.054
Max Web CSI: 0.027

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	261	/-	/-	/190	/42	/73
D	83	/-	/-	/54	/26	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
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;
Webs: 2x4 SP #3;

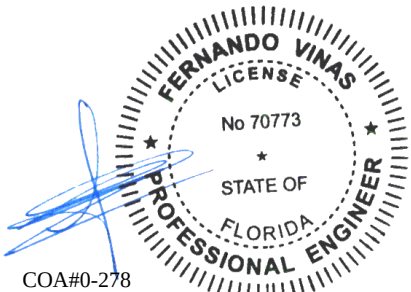
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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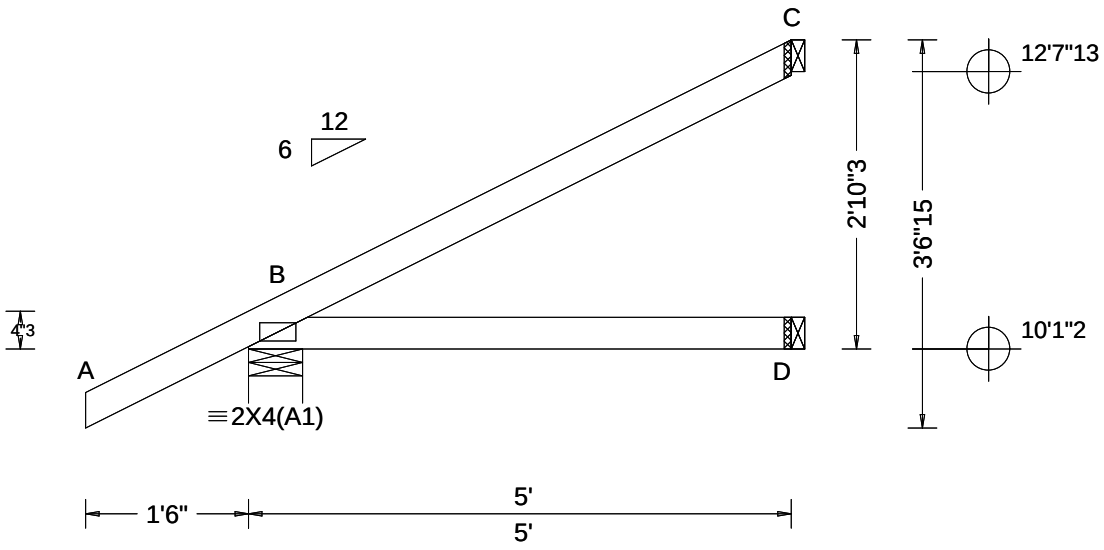
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682737 / JACK FROM: CDM	Ply: 1 Qty: 10	**Job Number:** 22-8269 McCabe **Truss Label:** J03	Cust: R 215 JRef:1XLa2150003 T12 / DrwNo: 341.22.1105.10431 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.316
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.233
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	331	/-	/-	/231	/43	/109
D	89	/-	/-	/48	/-	/-
C	127	/-	/-	/79	/65	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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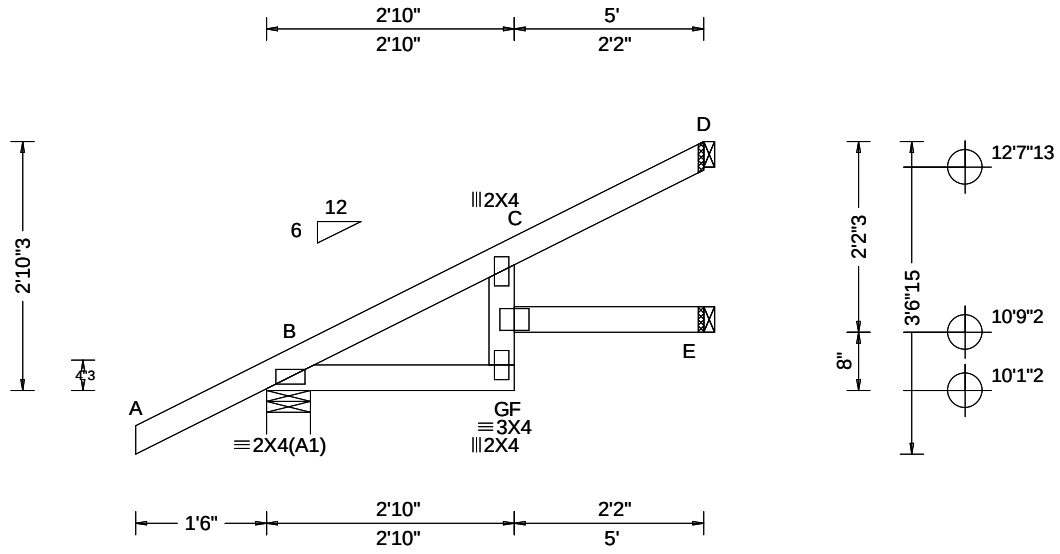
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682739 / JACK FROM:	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** J03A	Cust: R 215 JRef:1XLa2150003 T65 DrwNo: 341.22.1105.13368 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.047 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.092 F 633 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.025 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.049 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.400
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.094
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.096
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	331	/-	/-	/231	/43	/109
E	55	/-	/-	/32	/-	/-
D	144	/-	/-	/95	/57	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 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;
Webs: 2x4 SP #3;

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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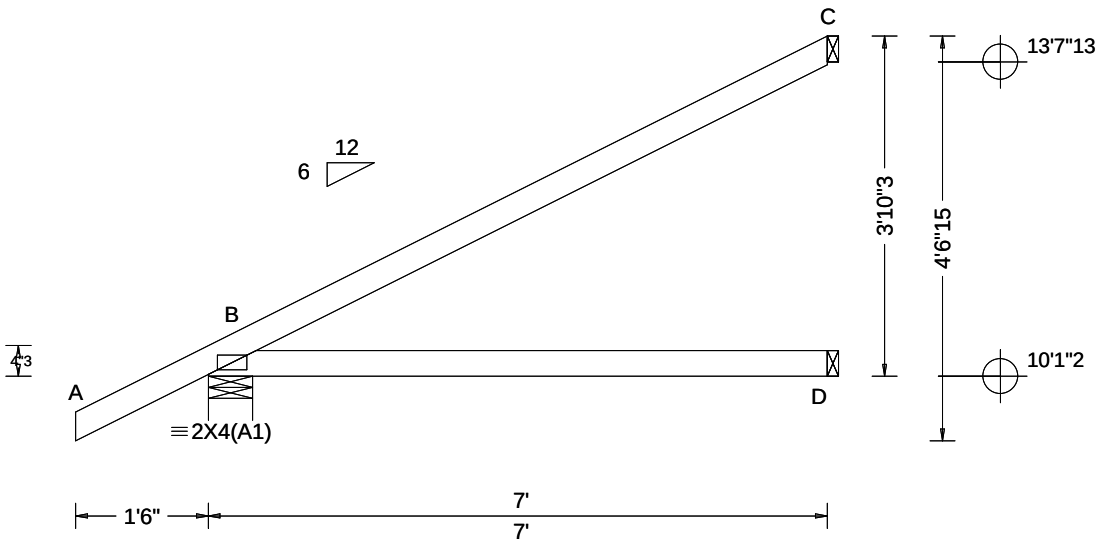
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682741 / EJAC FROM: CDM	Ply: 1 Qty: 25	**Job Number:** 22-8269 McCabe **Truss Label:** J04	Cust: R 215 JRef:1XLa2150003 T15 / DrwNo: 341.22.1105.11664 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.014 B	-	-
HORZ(TL):	0.028 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.713
Max BC CSI: 0.512
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	408	/-	/-	/278	/47	/144
D	129	/-	/-	/73	/-	/-
C	187	/-	/-	/118	/93	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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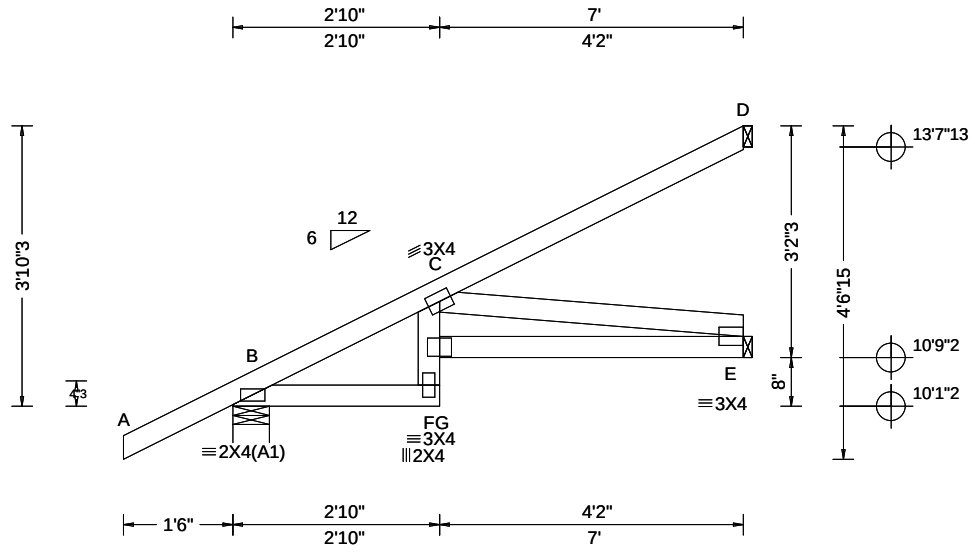
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682743 / EJAC FROM:	Ply: 1 Qty: 5	**Job Number:** 22-8269 McCabe **Truss Label:** J04A	Cust: R 215 JRef:1XLa2150003 T70 DrwNo: 341.22.1105.13165 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.027 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.055 F 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.015 E - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.030 E - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.290
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.303
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.757
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	VIEW Ver: 21.02.01.1216.14
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	408	/-	/-	/278	/47	/144
E	159	/-	/-	/112	/14	/-
D	124	/-	/-	/78	/62	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 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#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	83	-383

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
F - E	568	-438

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - E	441	-572

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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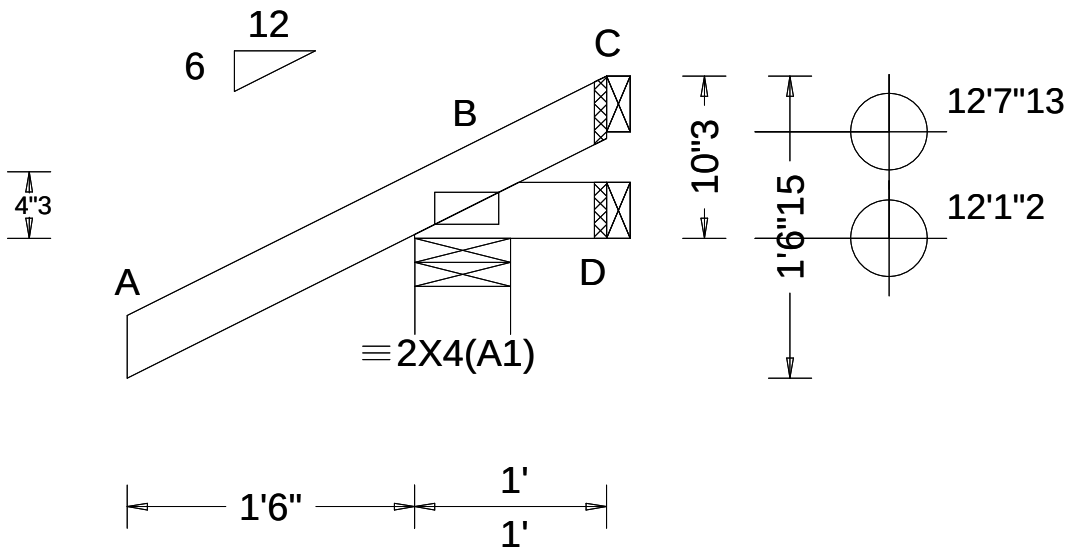
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673172 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J05	Cust: R 215 JRef:1XLa2150003 T30 / DrwNo: 341.22.1105.10586 KD / FV 12/07/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.249
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.035
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	253	/-	/-	/202	/69	/38
D	4	/-17	/-	/16	/16	/-
C	-	/-53	/-	/34	/51	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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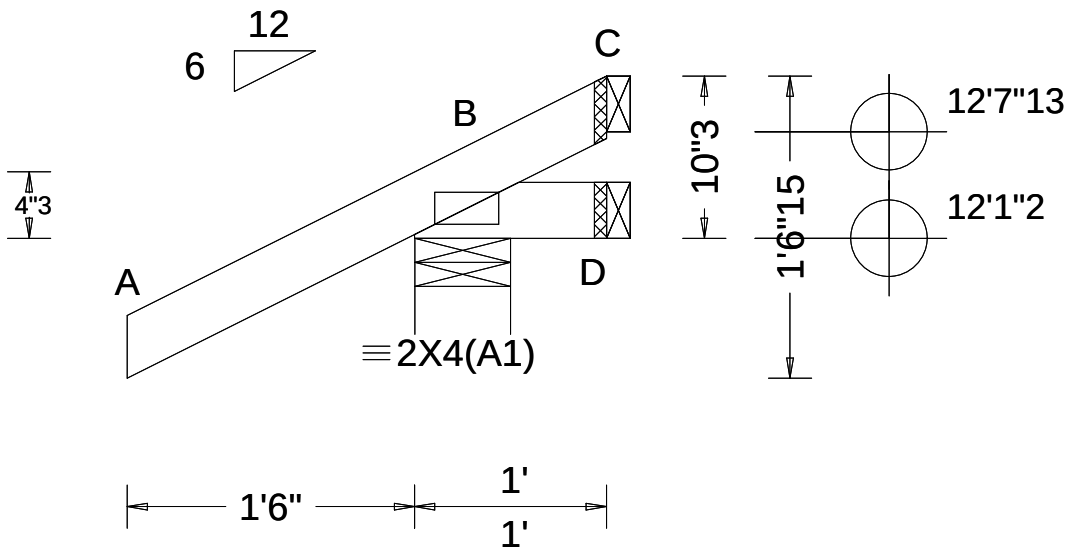
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673174 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J06	Cust: R 215 JRef:1XLa2150003 T87 / DrwNo: 341.22.1105.12523 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.181
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.023
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	253	/-	/-	/202	/69	/33
D	4	/-18	/-	/16	/16	/-
C	-	/-53	/-	/34	/51	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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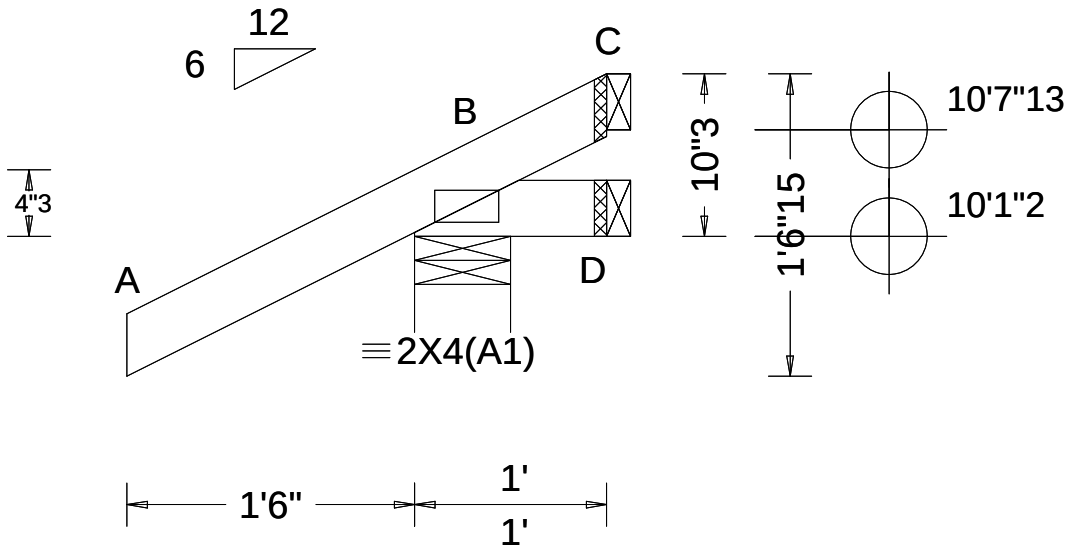
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672772 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J07	Cust: R 215 JRef:1XLa2150003 T99 DrwNo: 341.22.1105.12430 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.250
Max BC CSI: 0.035
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	254	/-	/-	/202	/69	/38
D	4	/-18	/-	/16	/16	/-
C	-	/-53	/-	/34	/51	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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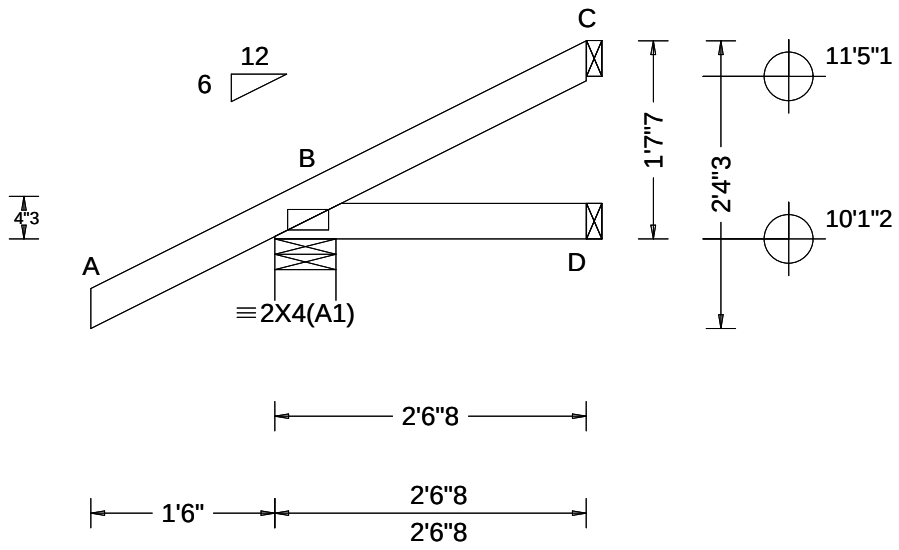
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673221 / EJAC FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 22-8269 McCabe **Truss Label:** J09	Cust: R 215 JRef:1XLa2150003 T106 DrwNo: 341.22.1105.12320 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.164
Max BC CSI: 0.040
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	249	/-	/-	/183	/43	/65
D	39	/-	/-	/21	/-	/-
C	45	/-	/-	/24	/27	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

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

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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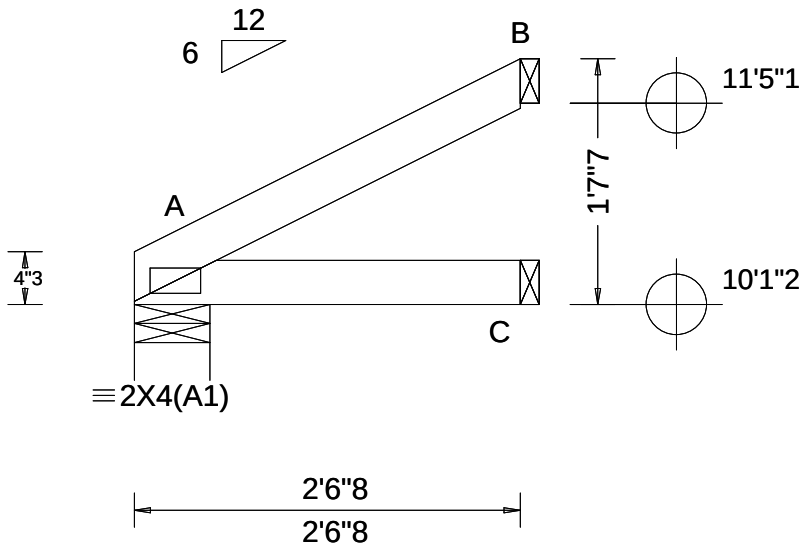
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672766 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J10	Cust: R 215 JRef:1XLa2150003 T90 DrwNo: 341.22.1105.11133 KD / FV 12/07/2022



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

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.001 A - -
HORZ(TL): 0.002 A - -
Creep Factor: 2.0
Max TC CSI: 0.101
Max BC CSI: 0.059
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	111	/-	/-	/69	/5	/44
C	46	/-	/-	/27	/-	/-
B	67	/-	/-	/43	/34	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 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;

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

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

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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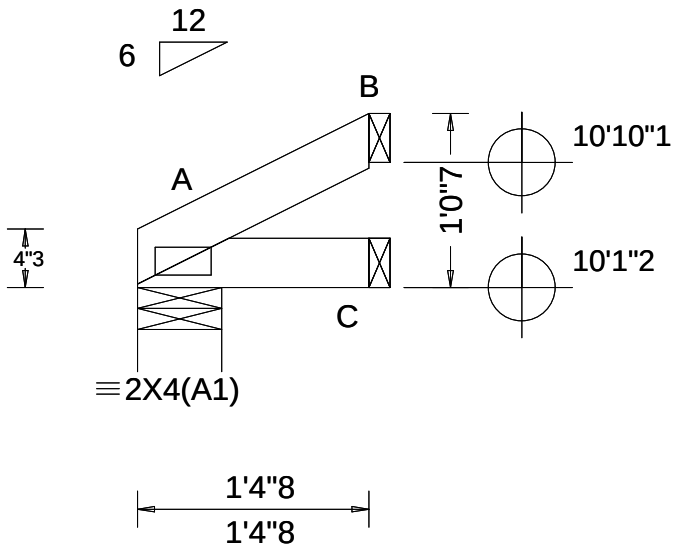
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673209 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J11	Cust: R 215 JRef:1XLa2150003 T53 DrwNo: 341.22.1105.10867 KD / WHK 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.028
Max BC CSI: 0.018
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	63	/-	/-	/39	/1	/23
C	23	/-	/-	/15	/-	/-
B	33	/-	/-	/22	/17	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 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;

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-0-7.

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COA#0-278
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12/07/2022

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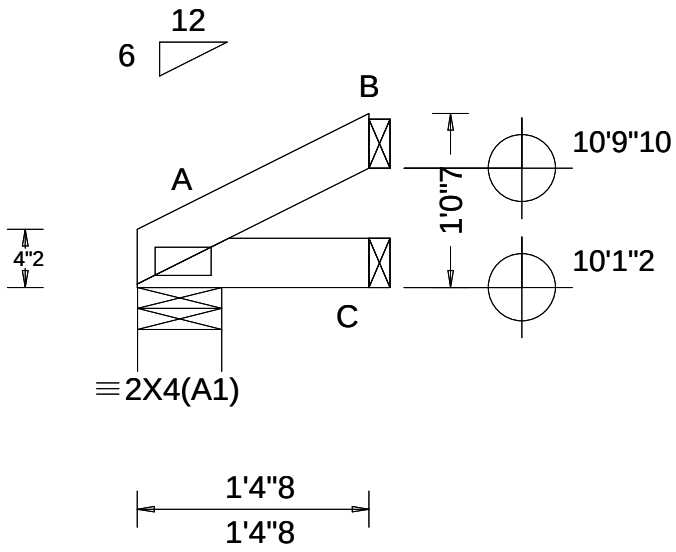
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444386 / MONO FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J12	Cust: R 215 JRef:1XLa2150003 T78 / DrwNo: 341.22.1105.11884 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.020
Max BC CSI: 0.016
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	63	/-	/-	/-	/11	/-
C	34	/-	/-	/9	/-	/-
B	34	/-	/-	/-	/3	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 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;

Special Loads

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

TC: From	62 plf at	0.00 to	62 plf at	1.38
BC: From	20 plf at	0.00 to	20 plf at	1.38
TC:	1 lb Conc. Load at	1.38		
BC:	17 lb Conc. Load at	1.38		

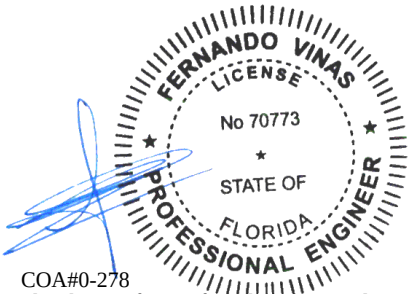
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-0-7.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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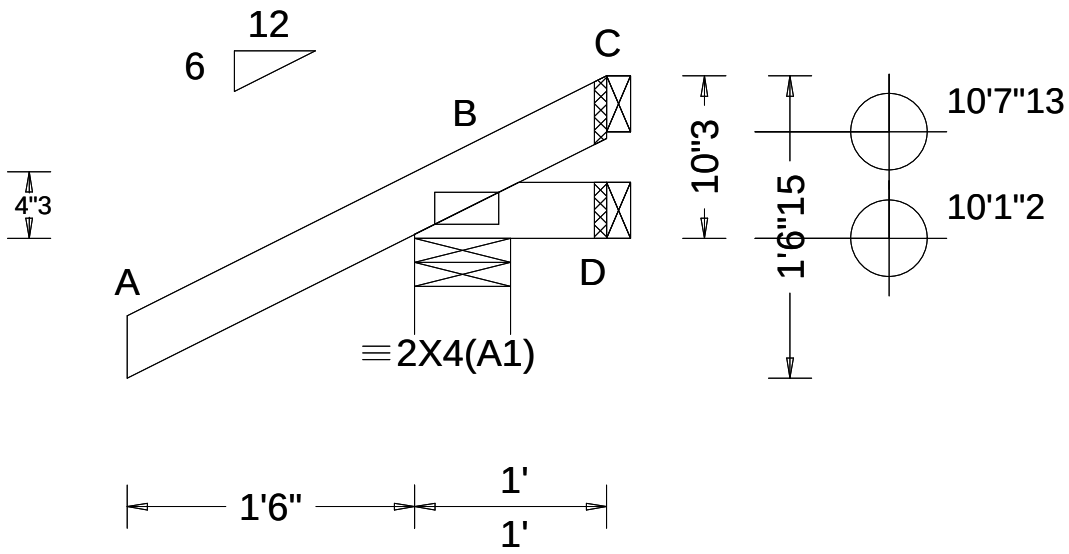
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682745 / JACK FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 22-8269 McCabe **Truss Label:** J13	Cust: R 215 JRef:1XLa2150003 T44 DrwNo: 341.22.1105.12181 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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: 0.181 Max BC CSI: 0.023 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	254	/-	/-	/202	/69	/33
D	4	/-18	/-	/16	/16	/-
C	-	/-53	/-	/34	/51	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

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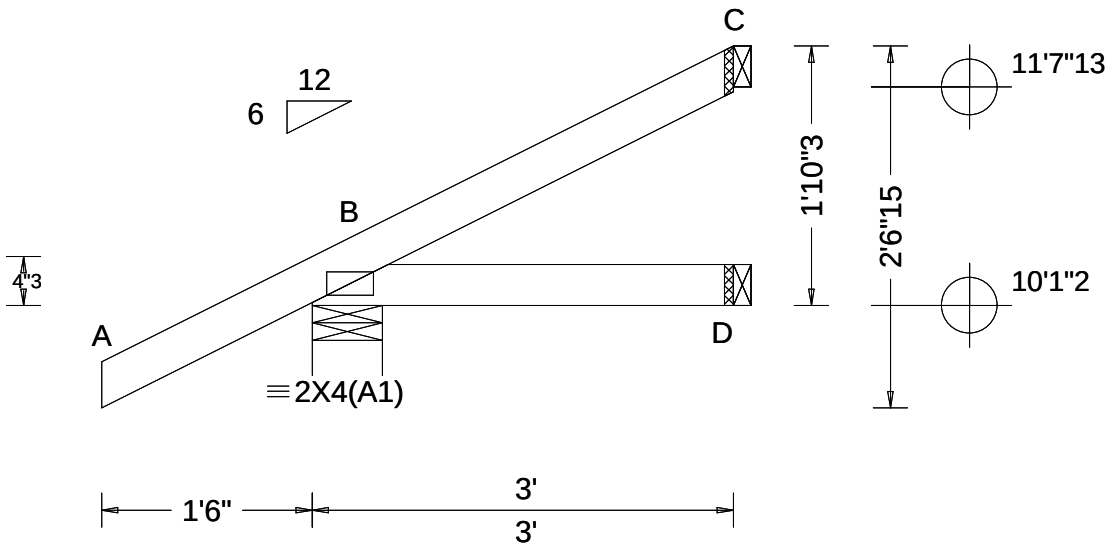
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682749 / JACK FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 22-8269 McCabe **Truss Label:** J14	Cust: R 215 JRef:1XLa2150003 T43 / DrwNo: 341.22.1105.12587 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.250
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.064
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	262	/-	/-	/190	/42	/73
D	49	/-	/-	/26	/-	/-
C	62	/-	/-	/36	/34	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

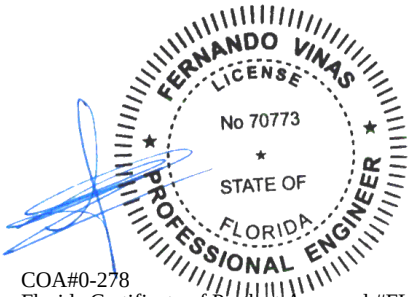
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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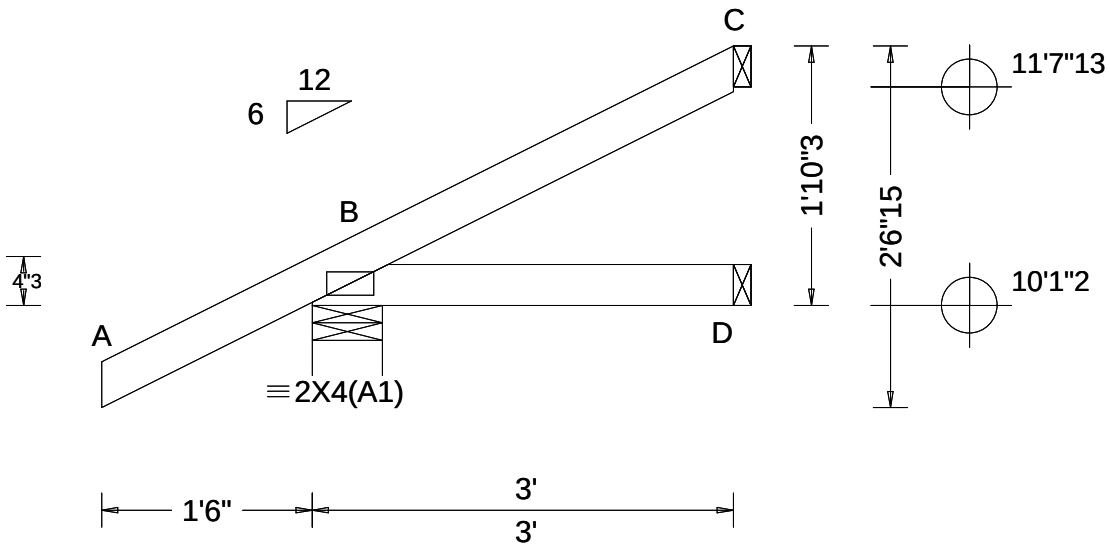
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682747 / EJAC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** J15	Cust: R 215 JRef:1XLa2150003 T75 / DrwNo: 341.22.1105.10323 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.164
Max BC CSI: 0.064
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

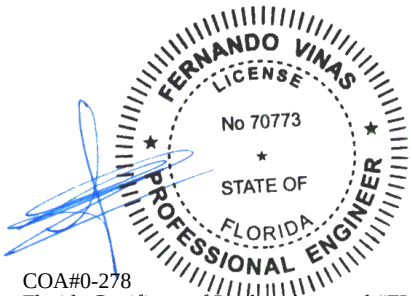
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	262	/-	/-	/190	/30	/52
D	49	/-	/-	/26	/-	/-
C	62	/-	/-	/36	/22	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
The overall height of this truss excluding overhang is 1-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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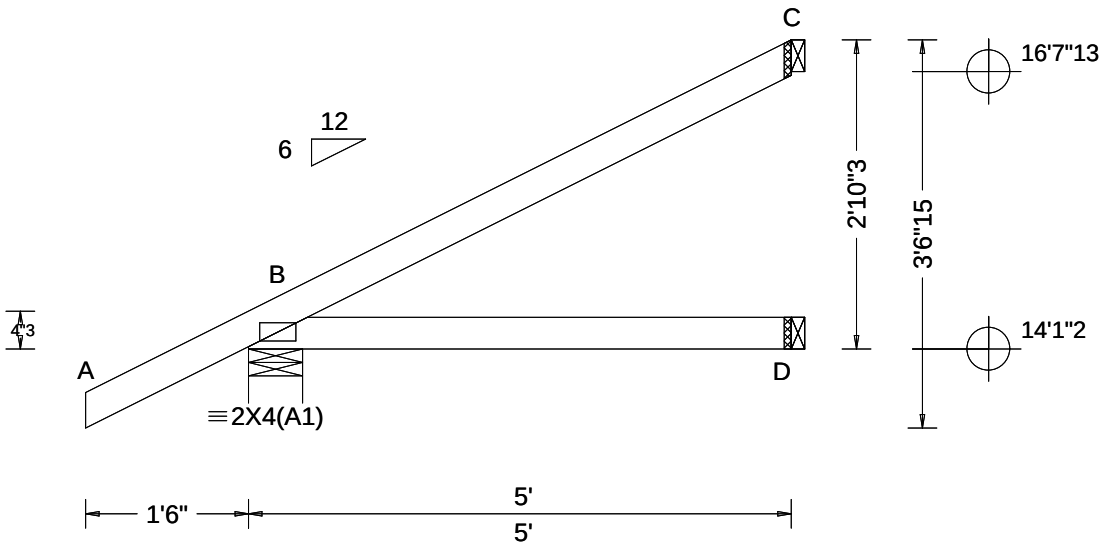
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672950 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J16	Cust: R 215 JRef:1XLa2150003 T39 / DrwNo: 341.22.1105.12134 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 B - -
NCBCLL: 10.00	Mean Height: 15.32 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.318
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.233
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	331	/-	/-	/231	/45	/110
D	89	/-	/-	/48	/-	/-
C	127	/-	/-	/79	/66	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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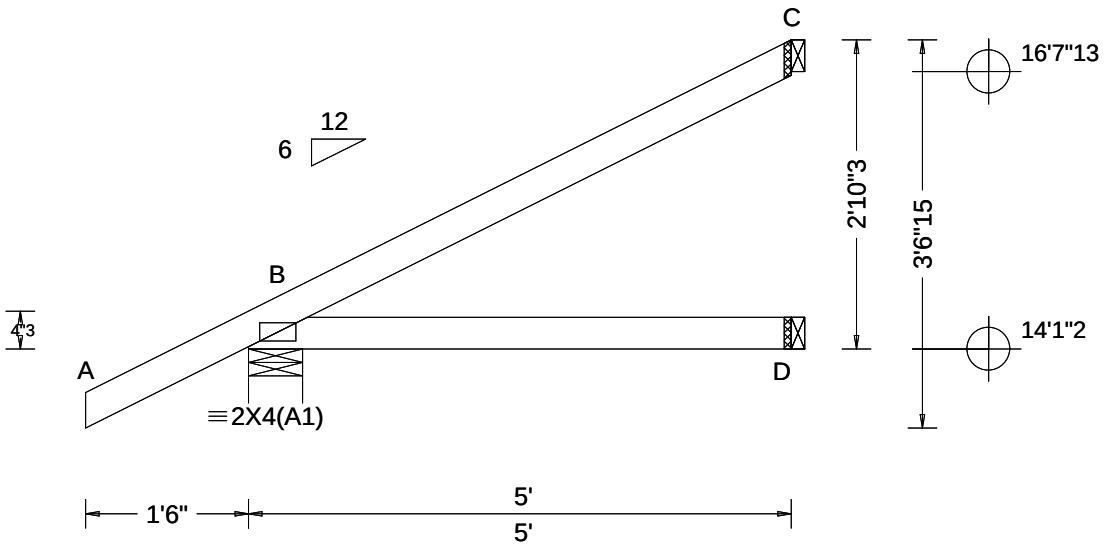
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672952 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J17	Cust: R 215 JRef:1XLa2150003 T42 / DrwNo: 341.22.1105.12258 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 B - -
NCBCLL: 10.00	Mean Height: 15.32 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.318
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.233
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	331	/-	/-	/231	/16	/78
D	89	/-	/-	/48	/-	/-
C	127	/-	/-	/79	/41	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

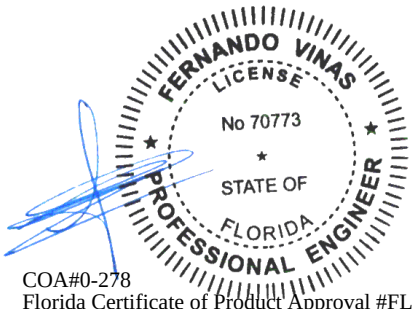
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-10-3.



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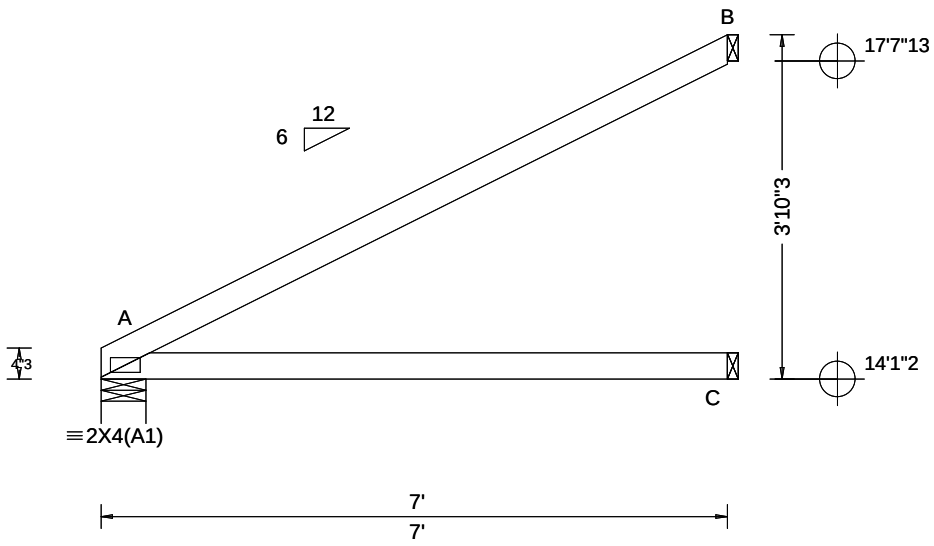
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672944 / EJAC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** J18	Cust: R 215 JRef:1XLa2150003 T45 / DrwNo: 341.22.1105.10320 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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 A - - HORZ(TL): 0.034 A - - Creep Factor: 2.0 Max TC CSI: 0.766 Max BC CSI: 0.532 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	294	/-	/-	/185	/-	/91
C	131	/-	/-	/78	/-	/-
B	194	/-	/-	/123	/61	/-

Wind reactions based on MWFRS
A Brg Wid = 6.0 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;

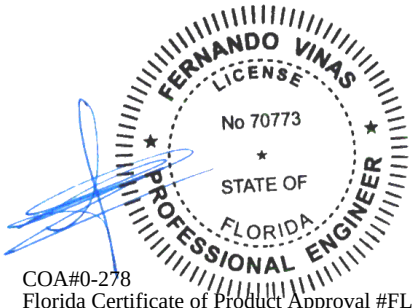
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA#0-278
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12/07/2022

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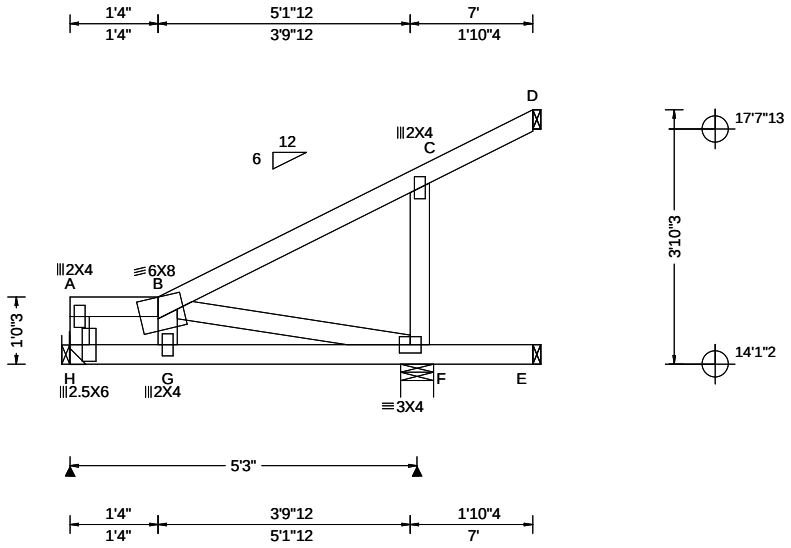
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672938 / EJAC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** J19	Cust: R 215 JRef:1XLa2150003 T79 DrwNo: 341.22.1105.12617 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.52 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.030	B	999	240
VERT(CL): 0.062	B	999	180
HORZ(LL): -0.020	D	-	-
HORZ(TL): 0.041	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.289
Max BC CSI: 0.296
Max Web CSI: 0.110

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	183	/-	/-	/94	/-	/74
F	475	/-	/-	/319	/46	/-
E	-	/-51	/-	/-	/28	/-
D	14	/-59	/-	/0	/17	/-

Wind reactions based on MWFRS
H Brg Wid = - Min Req = -
F Brg Wid = 6.0 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;

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

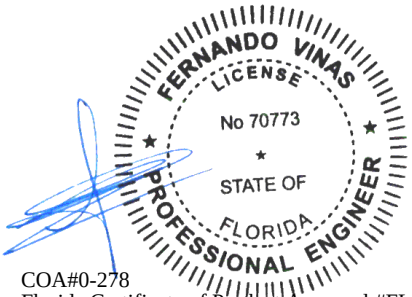
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



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Florida Certificate of Product Approval #FL1999
12/07/2022

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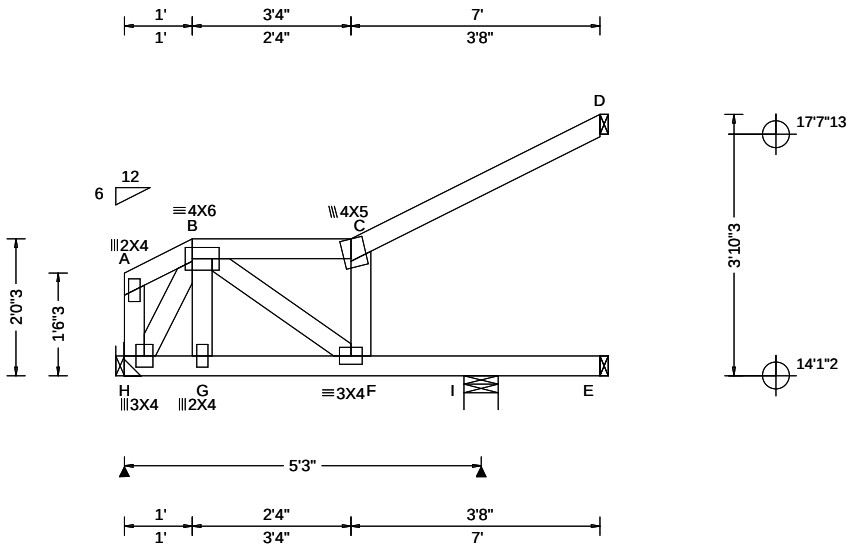
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672940 / EJAC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** J20	Cust: R 215 JRef:1XLa2150003 T25 / DrwNo: 341.22.1105.12149 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.77 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.031	C	999	240
VERT(CL): 0.064	C	990	180
HORZ(LL): 0.016	C	-	-
HORZ(TL): 0.033	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.241
Max BC CSI: 0.366
Max Web CSI: 0.128

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	202	/-	/-	/103	/2	/57
I	346	/-	/-	/219	/47	/-
E	-	/-77	/-	/26	/40	/-
D	106	/-	/-	/66	/34	/-

Wind reactions based on MWFRS
H Brg Wid = - Min Req = -
I Brg Wid = 6.0 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
D Brg Wid = 1.5 Min Req = -
Bearing I is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

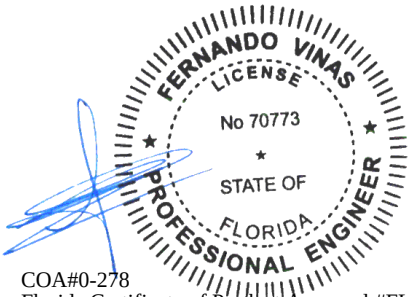
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



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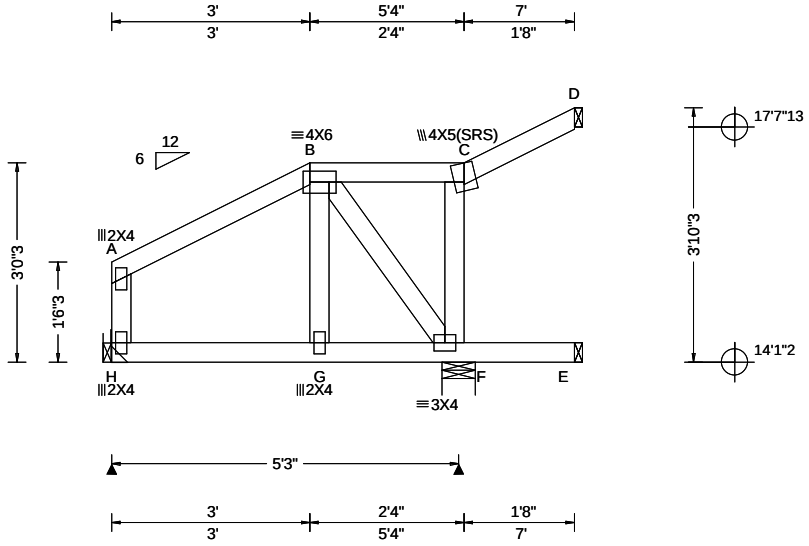
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672942 / EJAC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 22-8269 McCabe **Truss Label:** J21	Cust: R 215 JRef:1XLa2150003 T31 / DrwNo: 341.22.1105.10914 KD / FV 12/07/2022



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.019 B 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.040 B 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.031 A - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.064 A - -
NCBCLL:	10.00	Mean Height: 16.77 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.205
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.152
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.129
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	196	/-	/-	/116	/-	/60
F	389	/-	/-	/221	/40	/-
E	-	/-29	/-	/0	/13	/-
D	35	/-11	/-	/19	/25	/-

Wind reactions based on MWFRS
H Brg Wid = - Min Req = -
F Brg Wid = 6.0 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;

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

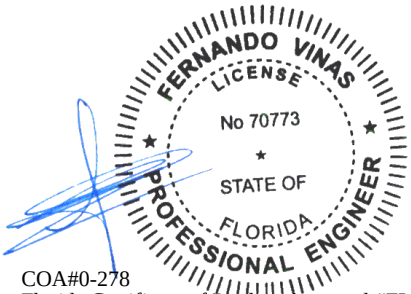
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



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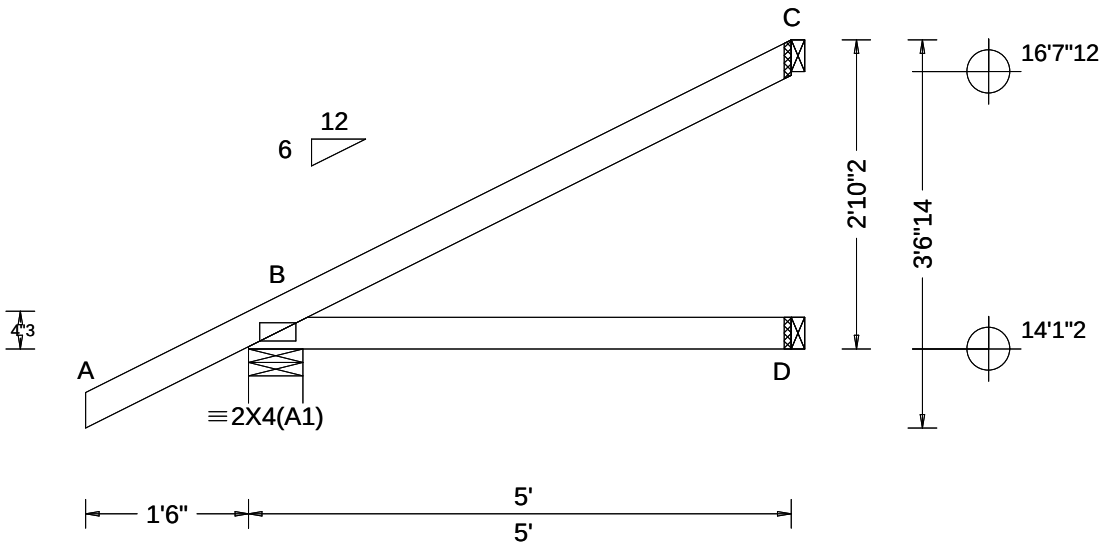
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672948 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J22	Cust: R 215 JRef:1XLa2150003 T35 / DrwNo: 341.22.1105.11462 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 B - -
NCBCLL: 10.00	Mean Height: 15.32 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.318
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.233
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	331	/-	/-	/231	/16	/78
D	89	/-	/-	/48	/-	/-
C	127	/-	/-	/79	/41	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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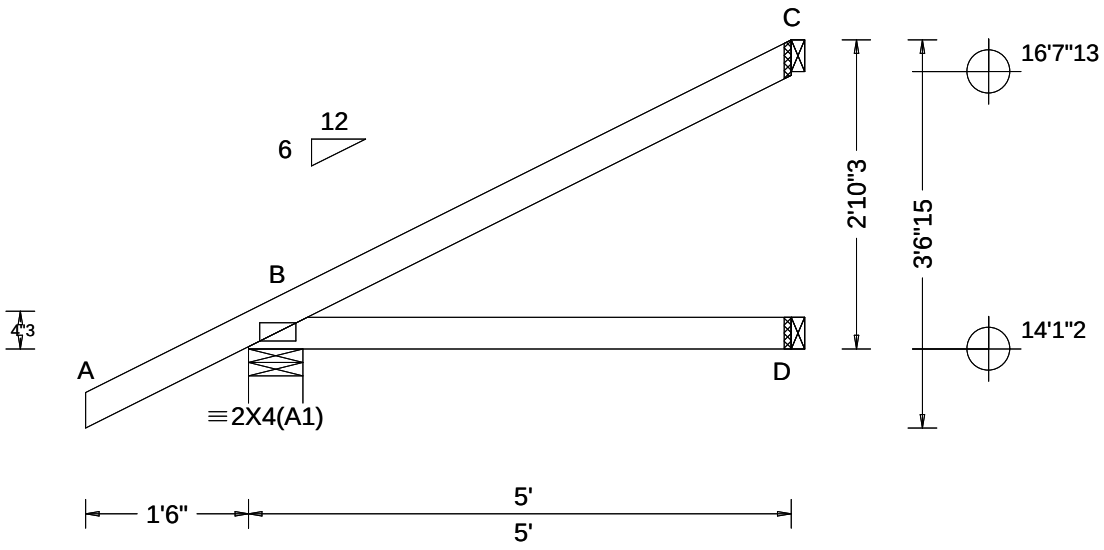
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672946 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J23	Cust: R 215 JRef:1XLa2150003 T32 / DrwNo: 341.22.1105.12039 KD / FV 12/07/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 B - -
NCBCLL: 10.00	Mean Height: 15.32 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.318
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.233
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	331	/-	/-	/231	/45	/110
D	89	/-	/-	/48	/-	/-
C	127	/-	/-	/79	/66	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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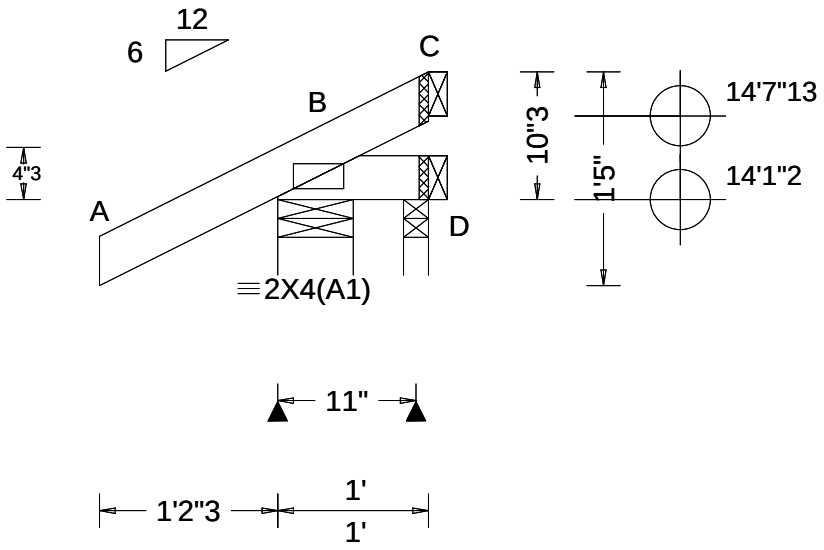
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673187 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J24	Cust: R 215 JRef:1XLa2150003 T28 / DrwNo: 341.22.1105.11759 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.155
Max BC CSI: 0.018
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	196	/-	/-	/152	/48	/33
D	11	/-8	/-	/16	/12	/-
D	0	/-1	/-	/2	/2	/-
C	-	/-27	/-	/22	/29	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 2.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearings B & D are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

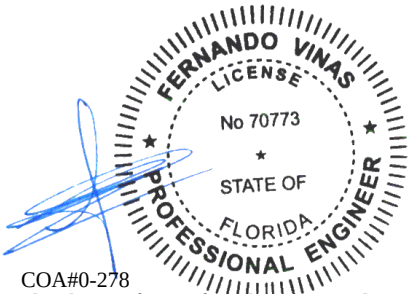
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 0-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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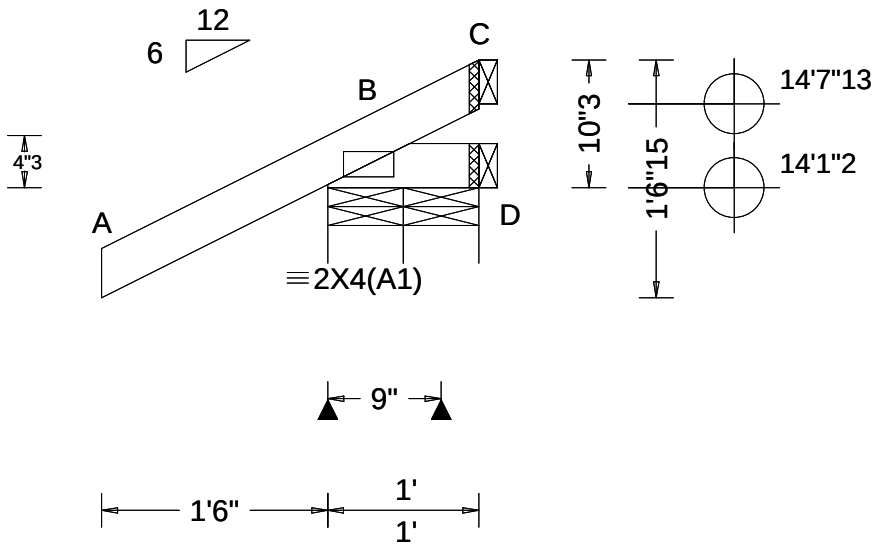
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673191 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J25	Cust: R 215 JRef:1XLa2150003 T24 / DrwNo: 341.22.1105.10836 KD / FV 12/07/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.249
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.030
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	247	/-	/-	/209	/76	/38
D	5	/-25	/-	/24	/27	/-
D	3	/0	/-	/2	/0	/-
C	-	/-46	/-	/32	/48	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearings B & B are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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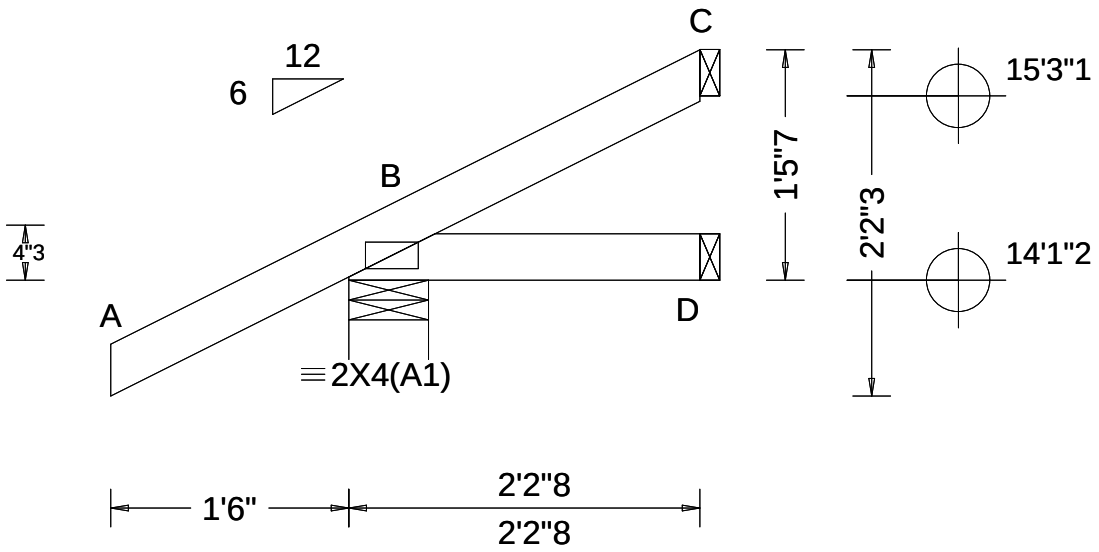
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673195 / EJAC FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 22-8269 McCabe **Truss Label:** J26	Cust: R 215 JRef:1XLa2150003 T27 / DrwNo: 341.22.1105.11820 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.163
Max BC CSI: 0.031
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	241	/-	/-	/180	/39	/42
D	32	/-	/-	/17	/1	/-
C	31	/-	/-	/20	/14	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-5-7.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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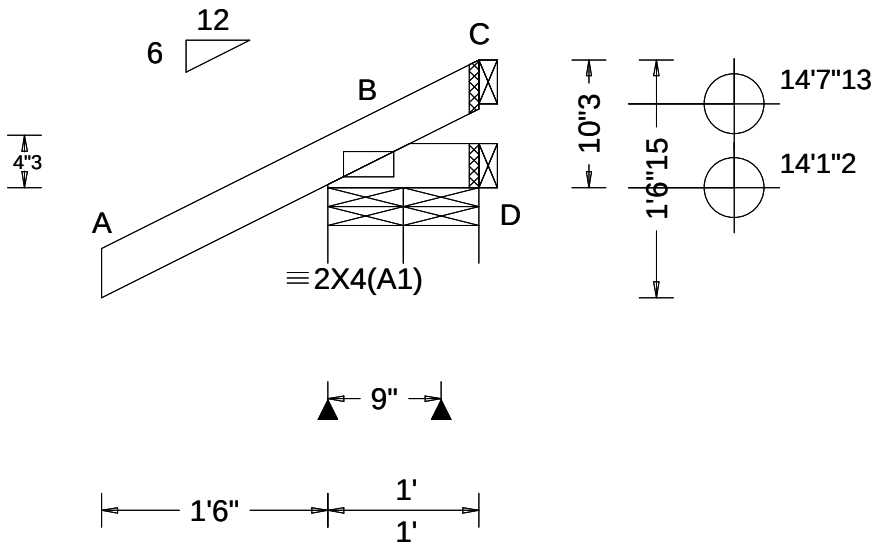
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673193 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J27	Cust: R 215 JRef:1XLa2150003 T26 / DrwNo: 341.22.1105.12352 KD / FV 12/07/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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: 0.250 Max BC CSI: 0.030 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	262	/-	/-	/209	/76	/38
D	2	/-28	/-	/24	/27	/-
D	3	/0	/-	/2	/0	/-
C	-	/-51	/-	/32	/48	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearings B & B are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 0-10-3.

FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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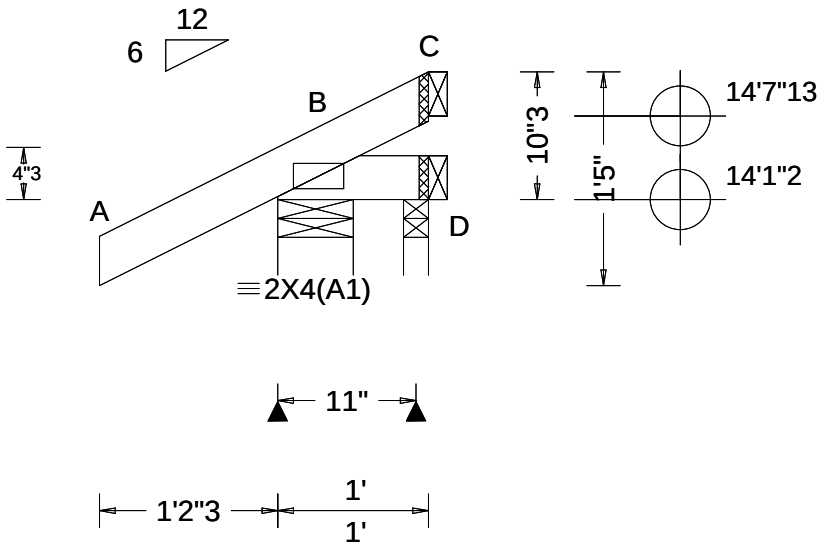
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673189 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J28	Cust: R 215 JRef:1XLa2150003 T29 / DrwNo: 341.22.1105.11726 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.155
Max BC CSI: 0.018
Max Web CSI: 0.000

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	196	/-	/-	/152	/48	/33
D	11	/-8	/-	/16	/12	/-
D	0	/-1	/-	/2	/2	/-
C	-	/-27	/-	/22	/29	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 2.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearings B & D are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

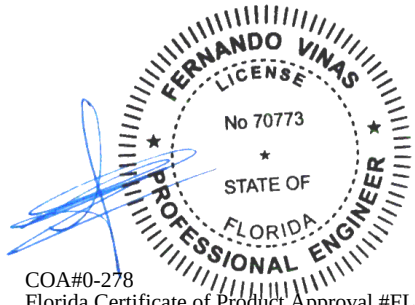
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 0-10-3.



COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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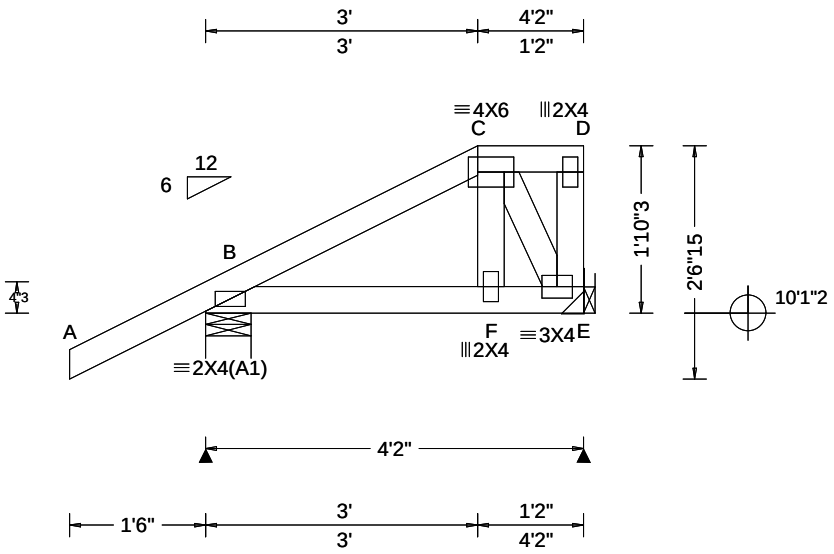
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444394 / HIPM FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J29	Cust: R 215 JRef:1XLa2150003 T84 / DrwNo: 341.22.1105.11368 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.001 F	999	240
VERT(CL):	0.002 F	999	180
HORZ(LL):	0.001 E	-	-
HORZ(TL):	0.001 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.184
Max BC CSI: 0.070
Max Web CSI: 0.052

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	350	/-	/-	/-	/81	/-
E	270	/-	/-	/-	/37	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
E Brg Wid = - 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;

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	4.17
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	4.17

TC: 116 lb Conc. Load at 3.03
BC: 61 lb Conc. Load at 3.03

Purlins

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

Wind

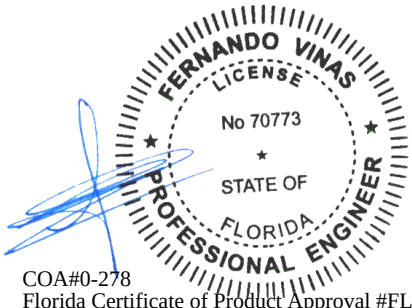
Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-10-3.



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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.

Bearing at location x=3'11" ,y=10'1"2 uses the following support conditions: 3'11"
Bearing E (3'11", 10'1"2) LUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

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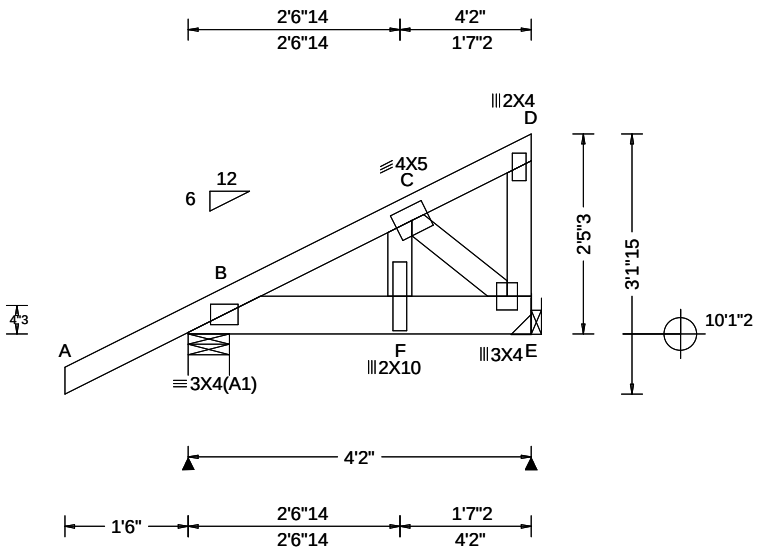
Glenview, IL 60025

SEQN: 444402 / MONO FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J30	Cust: R 215 JRef:1XLa2150003 T88 / DrwNo: 341.22.1105.11976 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.010	B	999	240
VERT(CL): 0.019	B	999	180
HORZ(LL): 0.003	B	-	-
HORZ(TL): 0.007	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.234
Max BC CSI: 0.697
Max Web CSI: 0.476

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1206	/-	/-	/-	/108	/-
E	1584	/-	/-	/-	/75	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 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	60	-1239

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	1106	-45	F - E	1028	-44

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - C	1250	-15	C - E	57	-1341

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

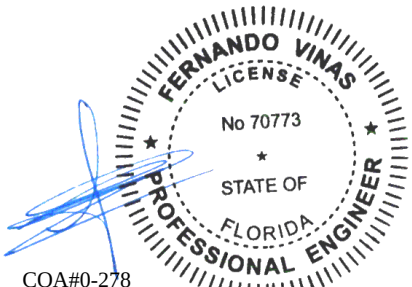
Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	62 plf at	-1.50 to	62 plf at	4.17
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	10 plf at	0.00 to	10 plf at	4.17

BC: 1194 lb Conc. Load at 1.61, 3.61

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

Additional Notes
The overall height of this truss excluding overhang is 2-5-3.



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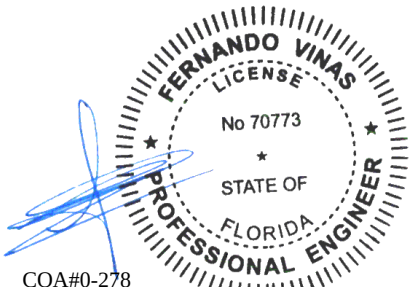
Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=3'11" ,y=10'1"2 uses the following support conditions: 3'11"
Bearing E (3'11", 10'1"2) HUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.



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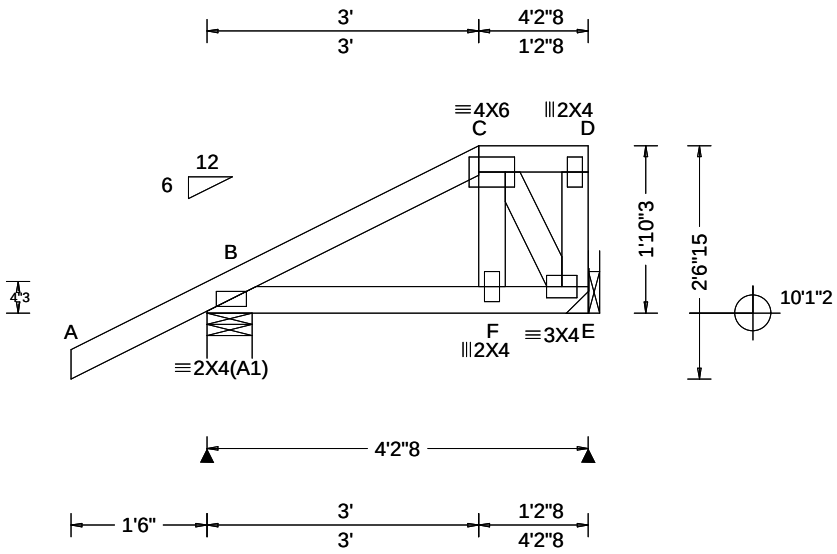
Glenview, IL 60025

SEQN: 444420 / HIPM FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J31	Cust: R 215 JRef:1XLa2150003 T1 DrwNo: 341.22.1105.11540 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.001 F	999	240
VERT(CL):	0.002 F	999	180
HORZ(LL):	0.001 E	-	-
HORZ(TL):	0.001 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.184
Max BC CSI: 0.072
Max Web CSI: 0.053

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
B	353 /-	/-	/-	/82	/-
E	270 /-	/-	/-	/37	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
E Brg Wid = - 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;

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	4.21
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	4.21

TC: 116 lb Conc. Load at 3.03
BC: 61 lb Conc. Load at 3.03

Purlins

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

Wind

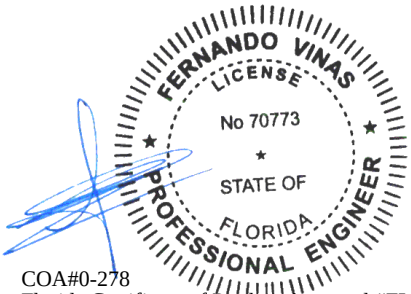
Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-10-3.



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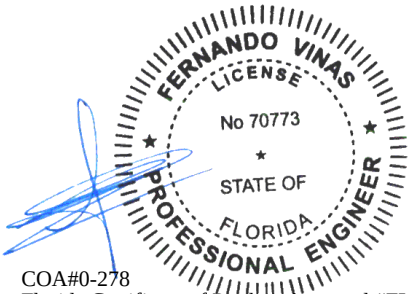
Bearing at location x=3'11"8 ,y=10'1"2 uses the following support conditions: 3'11"8
Bearing E (3'11"8, 10'1"2) LUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.



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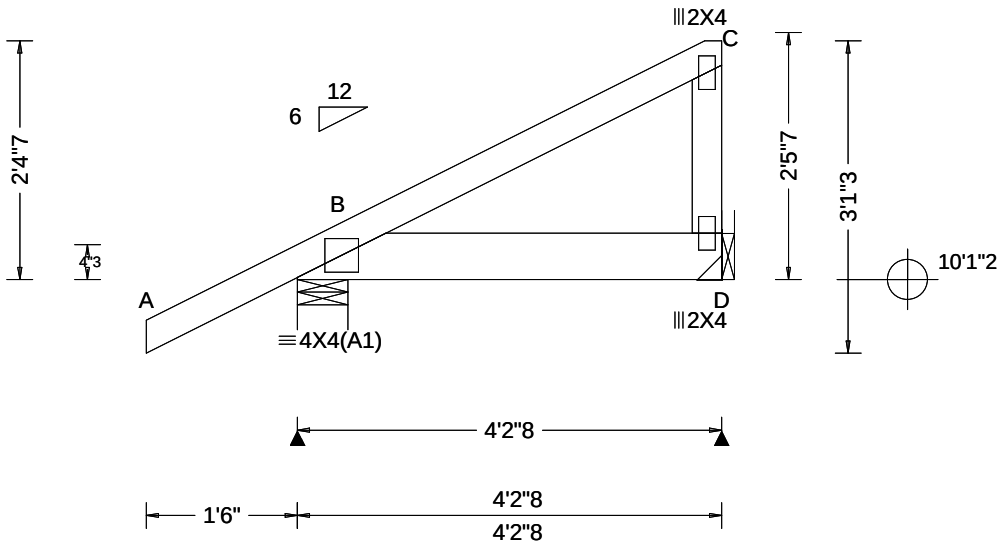
Glenview, IL 60025

SEQN: 444422 / HIPM FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** J32	Cust: R 215 JRef:1XLa2150003 T16 DrwNo: 341.22.1105.10759 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.016 B	-	-
HORZ(TL):	0.031 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.645
Max BC CSI: 0.788
Max Web CSI: 0.131

VIEW Ver: 21.02.01.1214.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	2299	/-	/-	/-	/135	/-
D	1044	/-	/-	/-	/57	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.9 (Truss)
D Brg Wid = - Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	4.21
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	10 plf at	0.00 to	10 plf at	4.04
BC: From	14 plf at	4.04 to	14 plf at	4.21

BC: 1470 lb Conc. Load at 0.56
BC: 1467 lb Conc. Load at 2.27

Wind

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-4-7.

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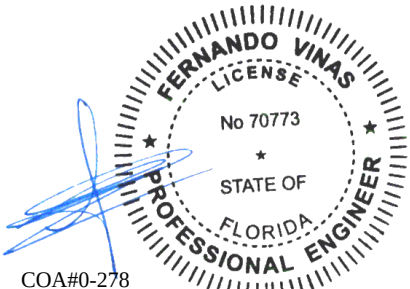
Hangers / Ties

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=3'11"8 ,y=10'1"2 uses the following support conditions: 3'11"8
Bearing D (3'11"8, 10'1"2) LUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(4) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.



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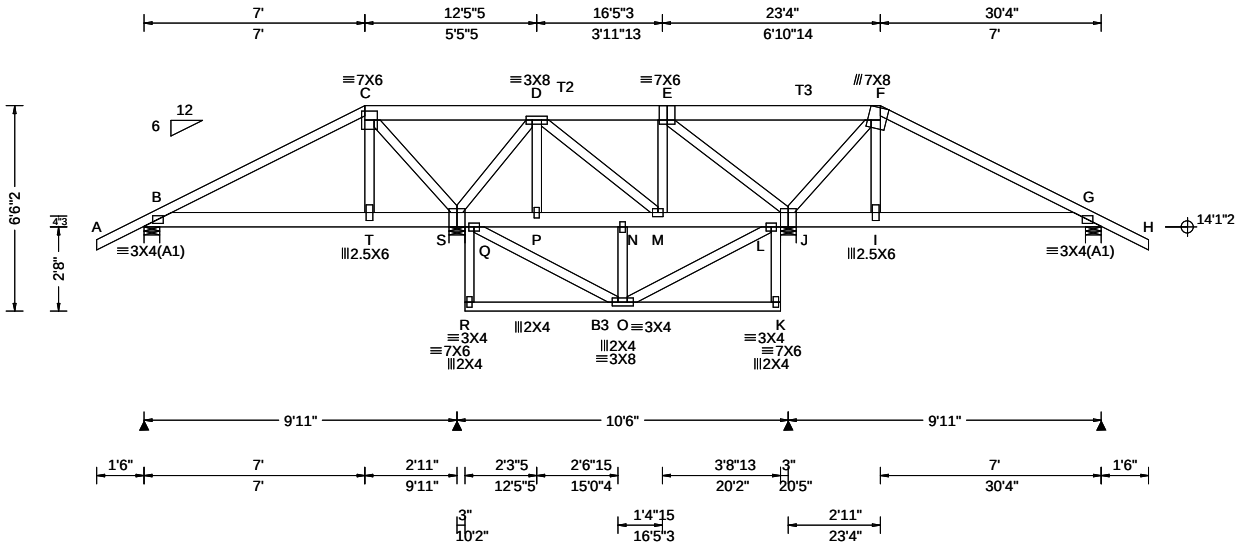
Glenview, IL 60025

SEQN: 682723 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** K01	Cust: R 215 JRef:1XLa2150003 T36 DrwNo: 341.22.1105.13321 KD / FV 12/07/2022



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.03 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.017	G	999	240
VERT(CL): 0.033	B	999	180
HORZ(LL): 0.009	B	-	-
HORZ(TL): 0.017	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.680
Max BC CSI: 0.397
Max Web CSI: 0.595

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	680	/-	/-	/-	/144	/-
S	1708	/-	/-	/-	/454	/-
J	1677	/-	/-	/-	/441	/-
G	689	/-	/-	/-	/148	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
S Brg Wid = 6.0 Min Req = 2.0
J Brg Wid = 6.0 Min Req = 2.0
G Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, S, J, & G are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	141	-731	E - F	439	-105
C - D	434	-105	F - G	150	-751

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - T	567	-90	J - I	615	-96
T - S	597	-88	I - G	585	-98

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	693	0	E - J	235	-487
C - S	295	-1562	J - F	308	-1604
S - D	227	-463	I - F	695	0

Lumber

Top chord: 2x4 SP #2; T2,T3 2x6 SP #2;
Bot chord: 2x6 SP #2; B3 2x4 SP #2;
Webs: 2x4 SP #3;

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	7.00
TC: From	31 plf at	7.00 to	31 plf at	23.33
TC: From	62 plf at	23.33 to	62 plf at	31.83
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	23.30
BC: From	20 plf at	23.30 to	20 plf at	30.33
BC: From	4 plf at	30.33 to	4 plf at	31.83

TC: 434 lb Conc. Load at 7.03,23.30
TC: 194 lb Conc. Load at 9.06,21.27
TC: 14 lb Conc. Load at 11.06,19.27
TC: 106 lb Conc. Load at 13.06,17.27
TC: 35 lb Conc. Load at 15.06,15.27
BC: 503 lb Conc. Load at 7.03,23.30
BC: 131 lb Conc. Load at 9.06,21.27
BC: -27 lb Conc. Load at 11.06,19.27
BC: -31 lb Conc. Load at 13.06,17.27
BC: -8 lb Conc. Load at 15.06,15.27

Purlins

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

Wind

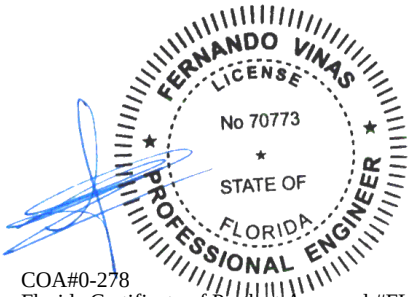
Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 3-10-2.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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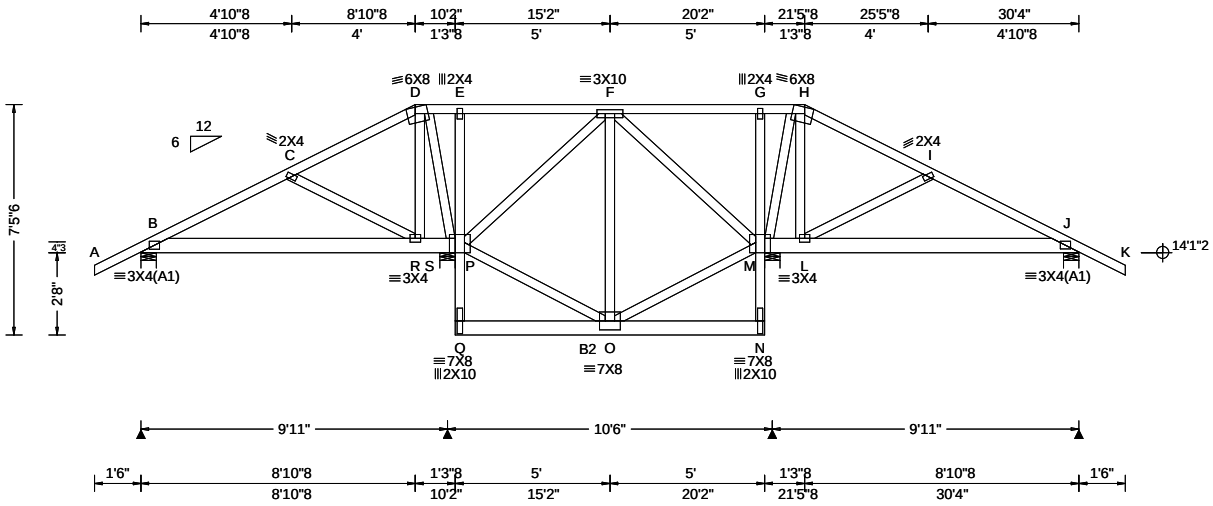
Glenview, IL 60025

SEQN: 682721 / HIPS FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 22-8269 McCabe **Truss Label:** K02	Cust: R 215 JRef:1XLa2150003 T11 DrwNo: 341.22.1105.13476 KD / FV 12/07/2022

2 Complete Trusses Required



Loading Criteria (psf)

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

Wind Criteria

Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.28 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.03 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.015	O	999	240
VERT(CL): 0.030	O	999	180
HORZ(LL): -0.005	J	-	-
HORZ(TL): 0.010	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.131
Max BC CSI: 0.444
Max Web CSI: 0.529

VIEW Ver: 21.02.01.1216.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	601	/-	/-	/-	/112	/-
S	4834	/-	/-	/-	/647	/-
M	4391	/-	/-	/-	/594	/-
J	601	/-	/-	/-	/112	/-

Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
S Brg Wid = 6.0 Min Req = 2.9 (Truss)
M Brg Wid = 6.0 Min Req = 2.6 (Truss)
J Brg Wid = 6.0 Min Req = 1.5 (Truss)
Bearings B, S, M, & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - Q	847	- 93	F - M	148	- 1163
P - F	148	- 1163	O - M	1097	- 116
P - O	1096	- 116	M - N	625	- 66
F - O	1390	- 129			

Lumber

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

Nailnote

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

Special Loads

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

TC: From	62 plf at	-1.50 to	62 plf at	31.83
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	10.17
BC: From	10 plf at	10.17 to	10 plf at	20.17
BC: From	20 plf at	20.17 to	20 plf at	30.33
BC: From	4 plf at	30.33 to	4 plf at	31.83

BC: 1551 lb Conc. Load at 11.06,13.06,16.77,18.77
BC: 1550 lb Conc. Load at 14.77

Purlins

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

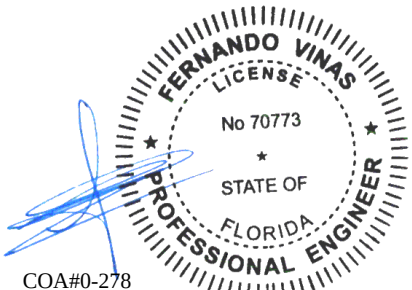
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-9-6.



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Glenview, IL 60025

CLR Reinforcing Member Substitution

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

Notes:

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

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

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

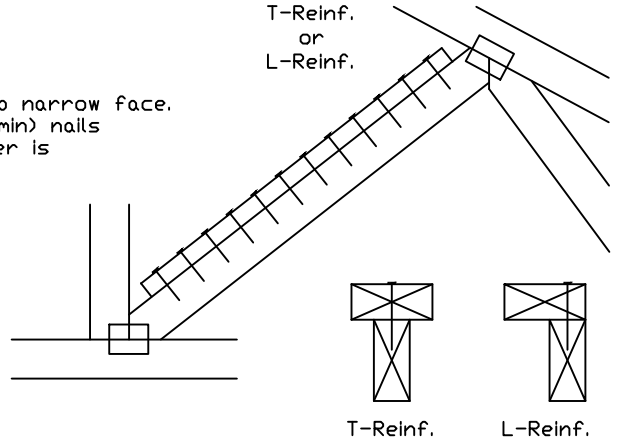
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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

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

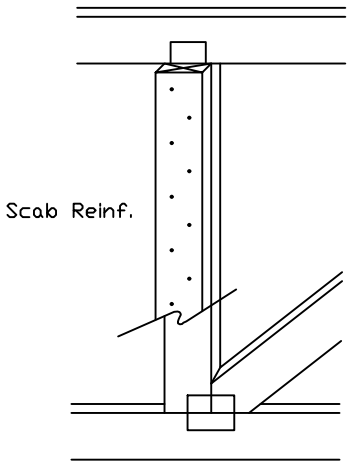
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Scab Reinforcement:

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



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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have 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.

For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

FERNANDO M. VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER
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