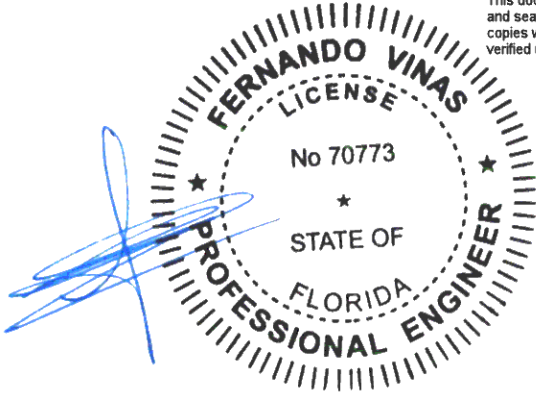


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www.alpineitw.com



12/07/2022

COA#0-278
Florida Certificate of Product Approval #FL1999

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
Design Loading (psf): 40.00
Building Type: Closed

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

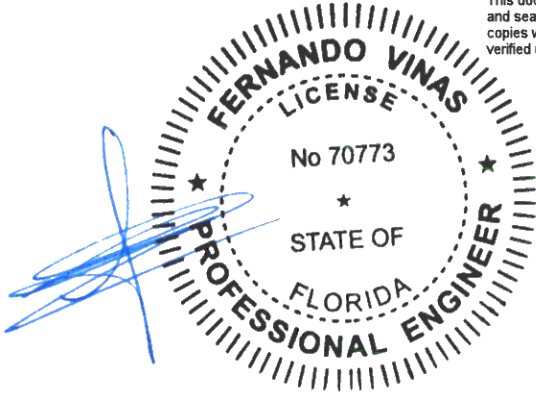
Item	Drawing Number	Truss
1	341.22.1105.11899	A01
3	341.22.1105.12023	A03
5	341.22.1105.11040	A05
7	341.22.1105.10898	B01
9	341.22.1105.12836	B03
11	341.22.1105.13446	B05
13	341.22.1105.13306	B07
15	341.22.1105.13383	B09
17	341.22.1105.12841	B11
19	341.22.1105.12837	B13
21	341.22.1105.13351	B15
23	341.22.1105.13226	B17
25	341.22.1105.12838	B19
27	341.22.1105.13523	B21
29	341.22.1105.12243	C01
31	341.22.1105.12242	C03
33	341.22.1105.11836	C05
35	341.22.1105.10758	C07
37	341.22.1105.10774	C09
39	341.22.1105.11789	C11
41	341.22.1105.12305	C13
43	341.22.1105.11086	C15
45	341.22.1105.12446	C17
47	341.22.1105.10321	D02
49	341.22.1105.11931	D04

Item	Drawing Number	Truss
2	341.22.1105.10259	A02
4	341.22.1105.12336	A04
6	341.22.1105.11369	A06
8	341.22.1105.10962	B02
10	341.22.1105.12840	B04
12	341.22.1105.13258	B06
14	341.22.1105.13633	B08
16	341.22.1105.13117	B10
18	341.22.1105.13101	B12
20	341.22.1105.12665	B14
22	341.22.1105.13195	B16
24	341.22.1105.12839	B18
26	341.22.1105.13493	B20
28	341.22.1105.12211	B22
30	341.22.1105.11758	C02
32	341.22.1105.12462	C04
34	341.22.1105.10430	C06
36	341.22.1105.10681	C08
38	341.22.1105.12539	C10
40	341.22.1105.12008	C12
42	341.22.1105.10570	C14
44	341.22.1105.11461	C16
46	341.22.1105.11367	D01
48	341.22.1105.10633	D03
50	341.22.1105.11041	D05

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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.

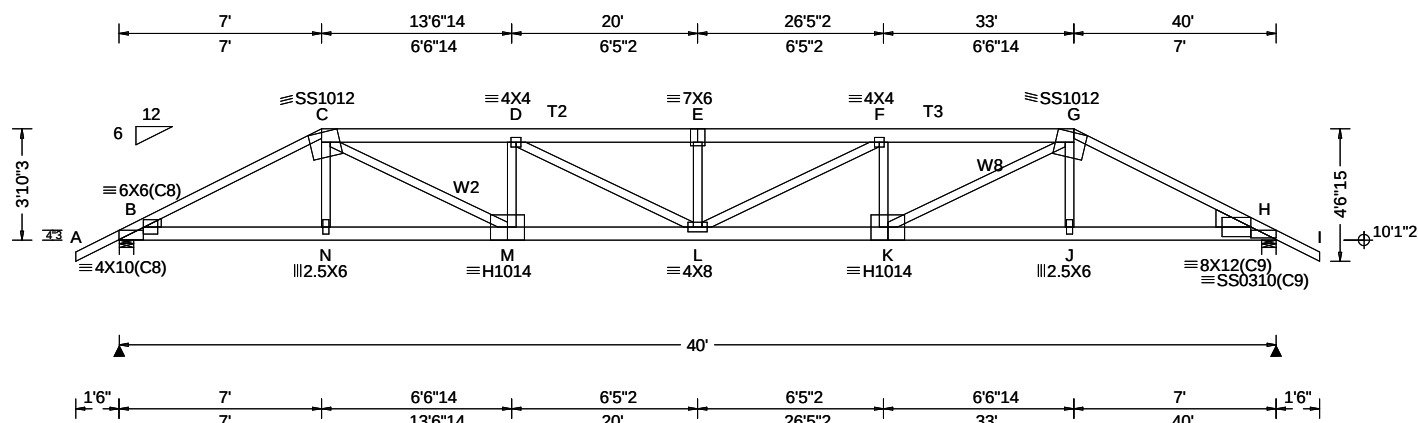
Refer to ASCE-7 for Wind and Seismic abbreviations.

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 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

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

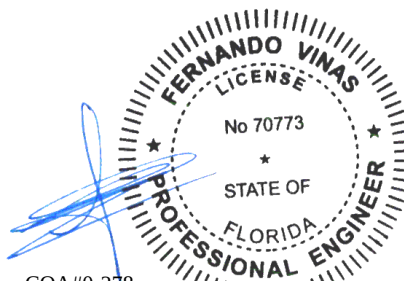
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.



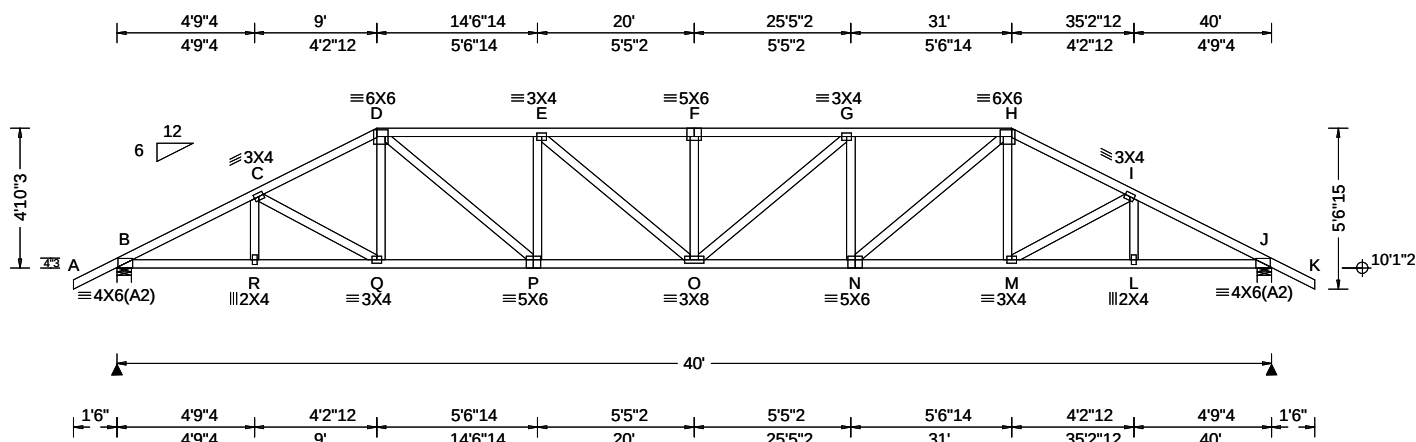
COA#0-278
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12/07/2022

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

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

SEQN: 672797 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1747 /- /- /1016 /321 /160 J 1747 /- /- /1016 /321 /- Non-Gravity 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

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

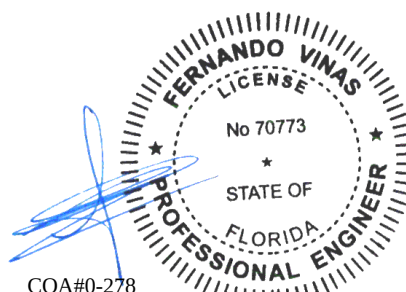
The overall height of this truss excluding overhang is
4-10-3.

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



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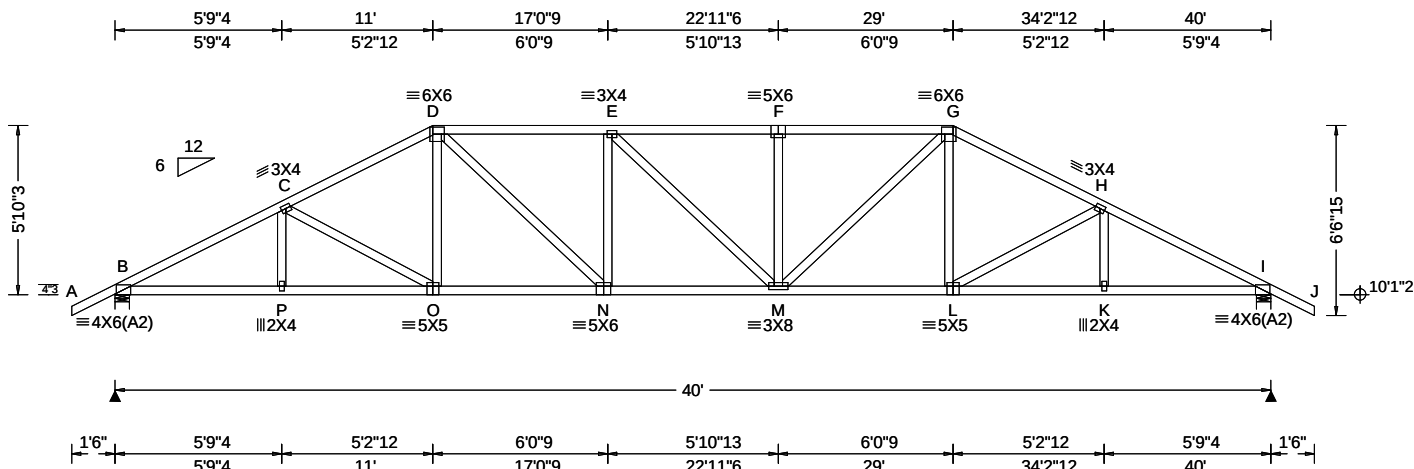
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

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



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

SEQN: 672800 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1747 /- /- /1031 /319 /187 I 1747 /- /- /1031 /319 /- Non-Gravity 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

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.

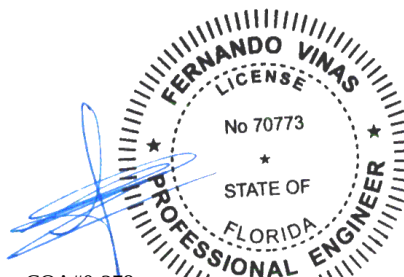
Wind

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.



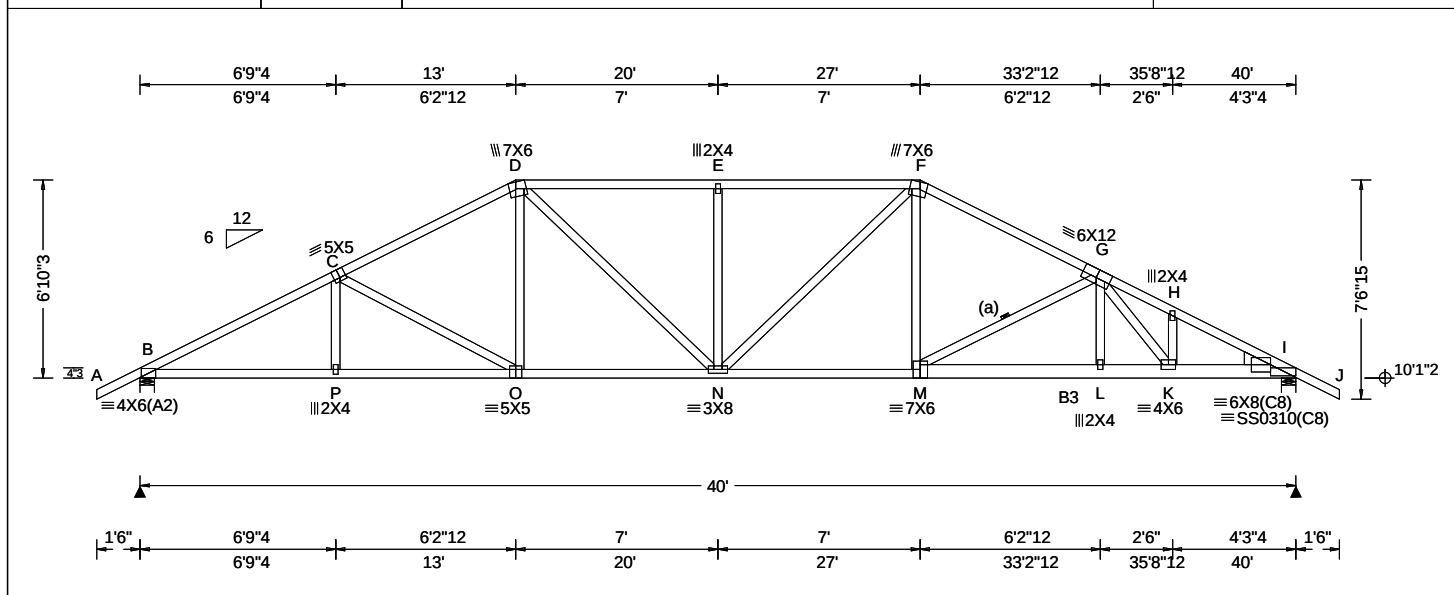
COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 444424 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE, 18SS	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1868 - / - / - / 329 - / - I 2898 - / - / - / 399 - / - Non-Gravity 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

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.

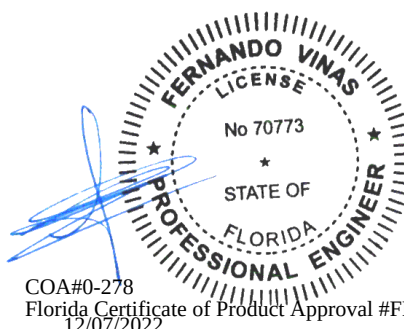
Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 62 plf at -1.50 to 62 plf at 35.89
TC: From 31 plf at 35.89 to 31 plf at 36.94
TC: From 62 plf at 36.94 to 62 plf at 41.50
BC: From 4 plf at -1.50 to 4 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 35.89
BC: From 10 plf at 35.89 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.

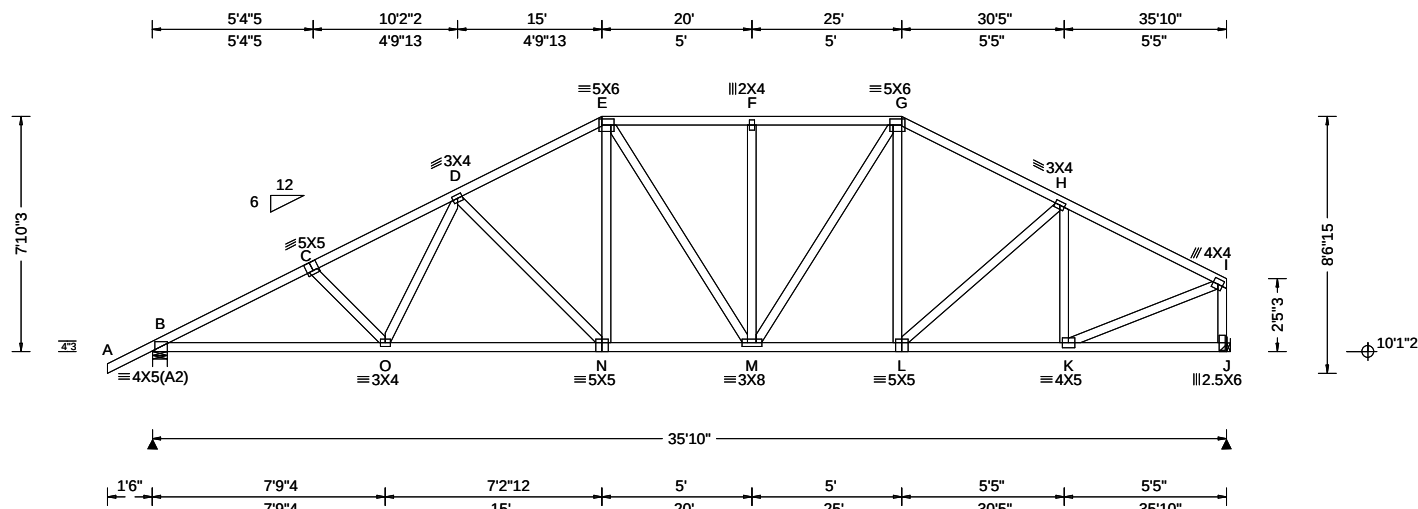
THIS TRUSS MUST BE INSTALLED AS SHOWN
AND NOT END FOR END.



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

SEQN: 672806 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

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

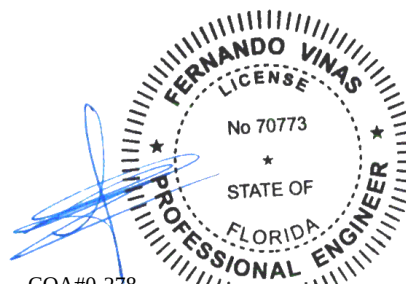
Wind loads based on MWFRS with additional C&C member design.

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

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

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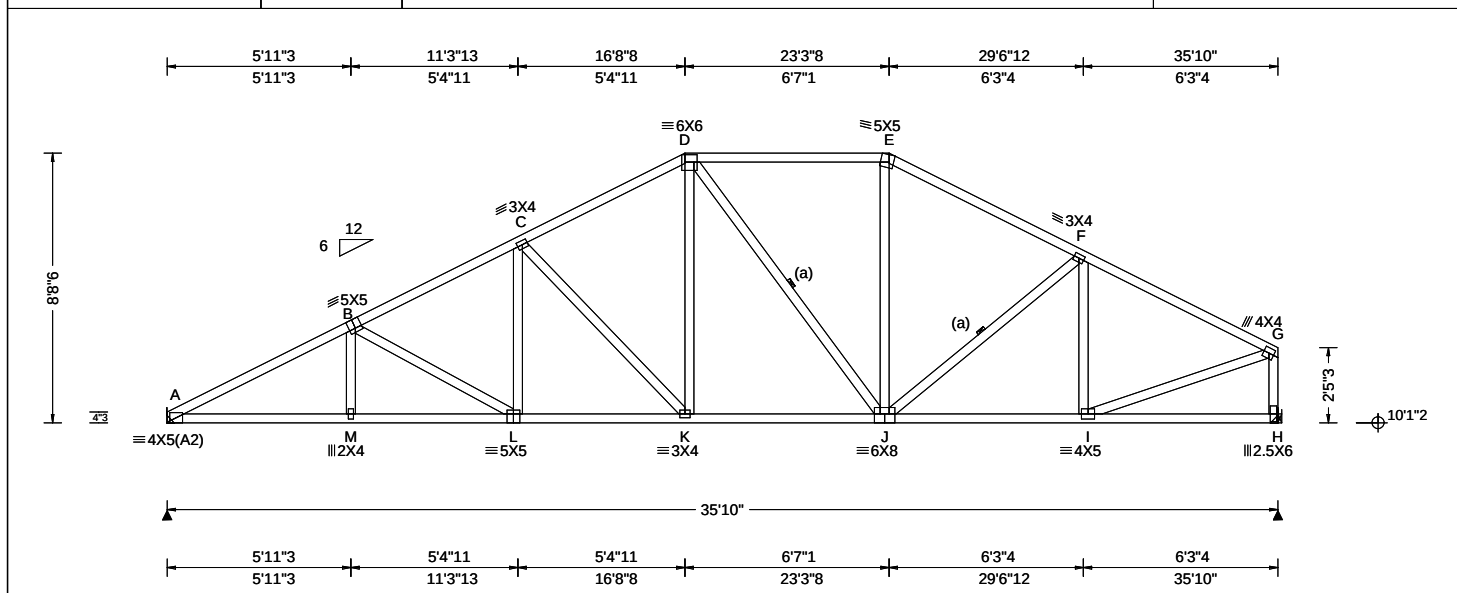
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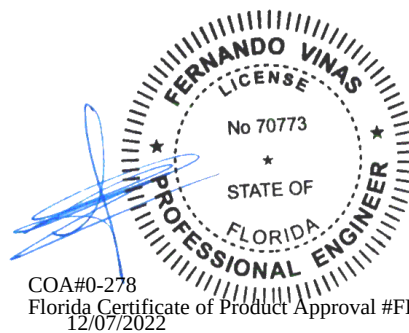
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673125 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

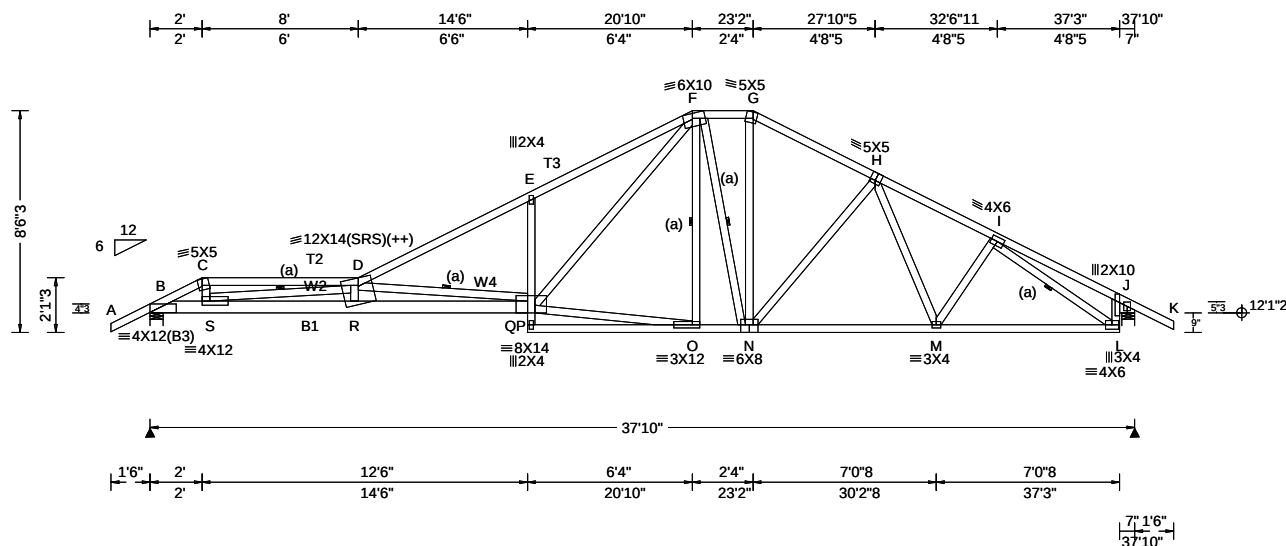
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Bracing (a) Continuous lateral restraint equally spaced on member. Hangers / Ties Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson 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.	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
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SEQN: 444445 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	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	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

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.

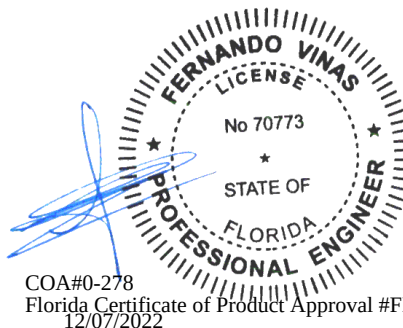
Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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.

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

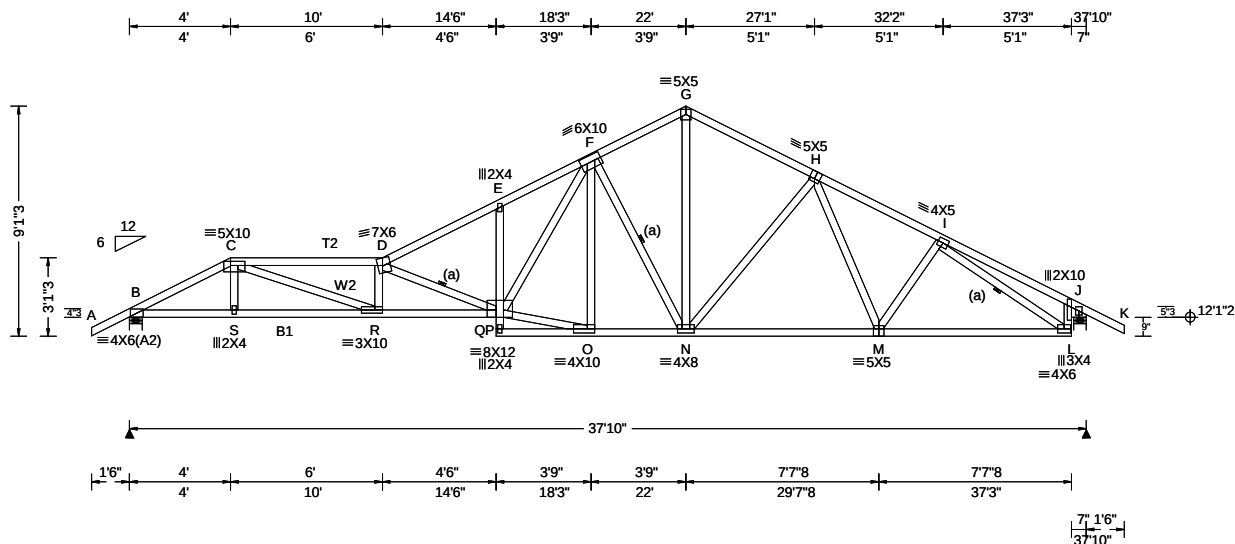
Webs	Tens.Comp.	Webs	Tens. Comp.
C - S	1312 - 159	P - F	2448 - 448
S - D	937 - 5337	P - O	1669 - 291
R - D	174 - 436	N - G	617 - 66
D - P	944 - 5532	I - L	441 - 2388
E - P	175 - 466	J - L	1496 - 238



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North Building, 4th Floor
Glenview, IL 60025

SEQN: 672983 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

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

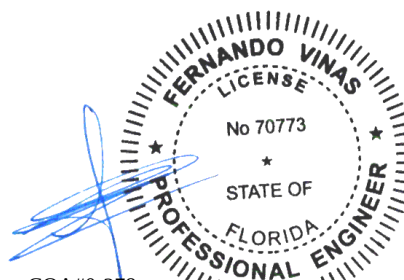
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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

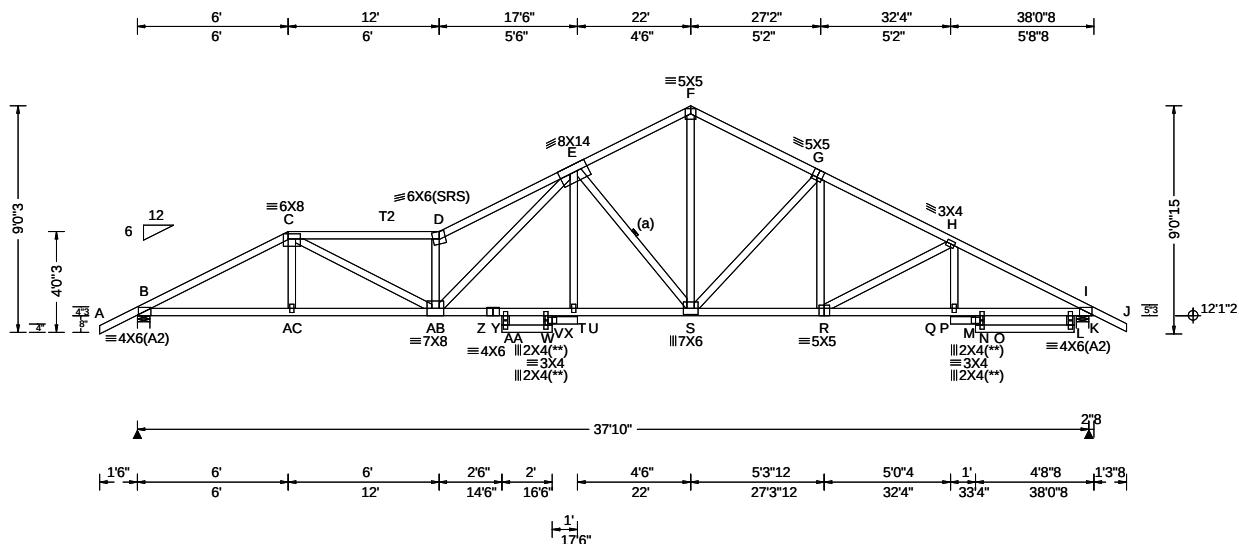
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



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

SEQN: 682531 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

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

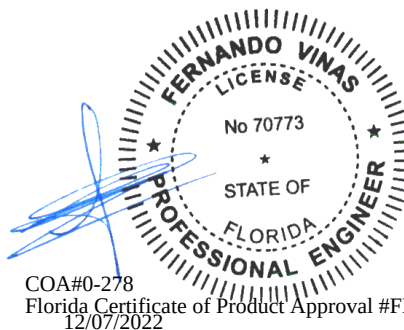
Wind loads based on MWFRS with additional C&C member design.

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 20" O.C. Max. including a lateral brace at chord ends.



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

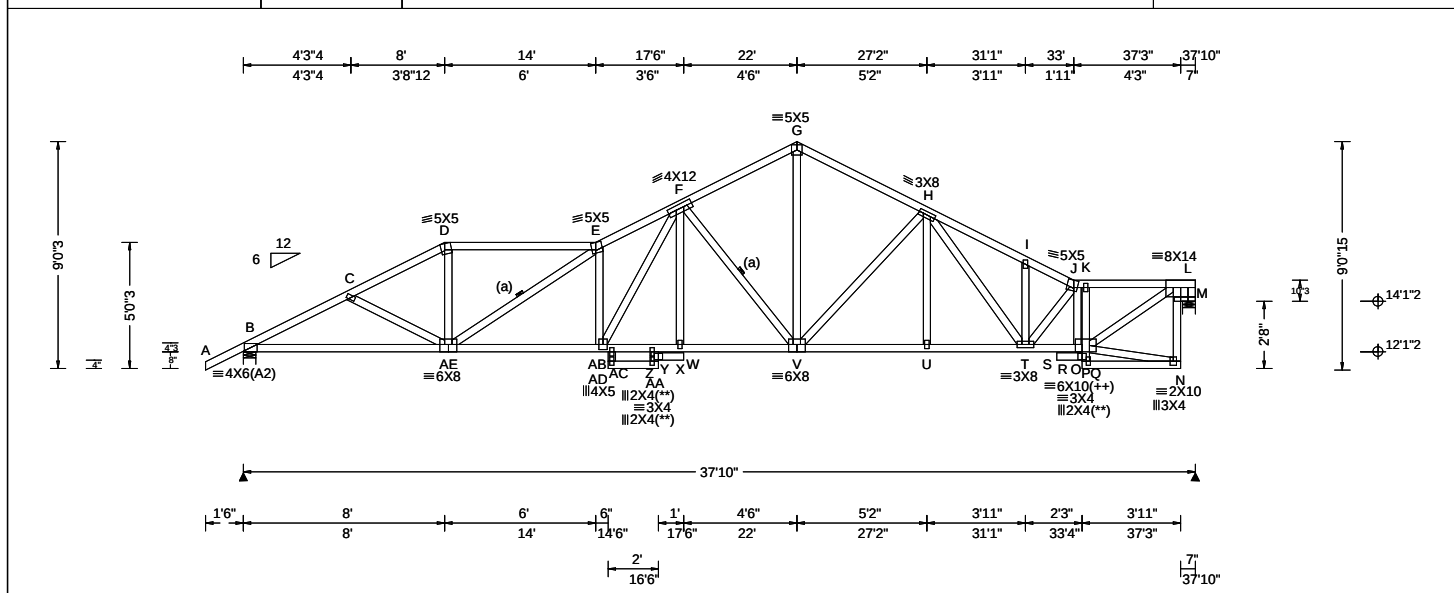
Maximum Web Forces Per Ply (lbs)

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		

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

SEQN: 682550 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Rt Bearing Leg: 2x4 SP #3;	Note: Laterally brace bottom chord above filler at 20" O.C. Max. including a lateral brace at chord ends.
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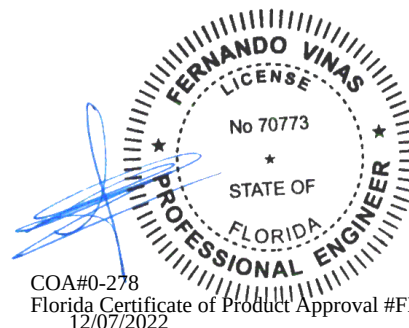
Bracing (a) Continuous lateral restraint equally spaced on member.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - AE 2525 -881 X - V 2512 -710 AE-AD 3309 -1020 V - U 2122 -566 AD-AB 2511 -710 U - T 2121 -567 AB- Y 2514 -702 T - R 2315 -695 Y - X 2511 -710 R - O 2434 -720
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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.	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
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Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	
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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.	
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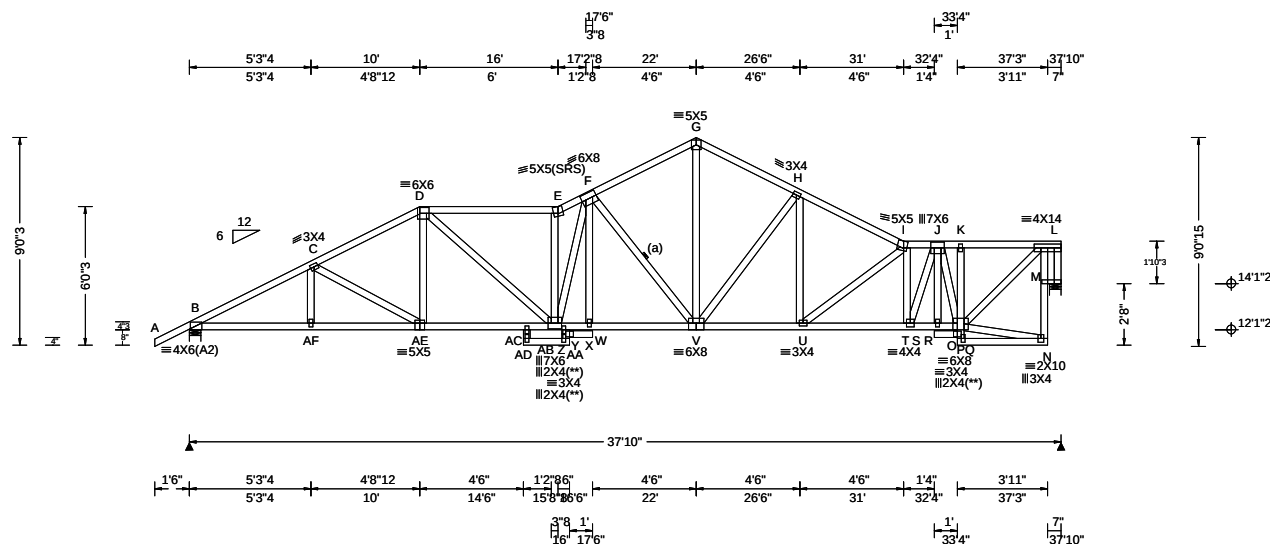
Additional Notes The overall height of this truss excluding overhang is 8-4-3.	
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SEQN: 682555 / FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 22-8269 McCabe Truss Label: B05	Cust: R 215 JRef: 1XLa2150003 T52 DrwNo: 341.22.1105.13446 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

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.

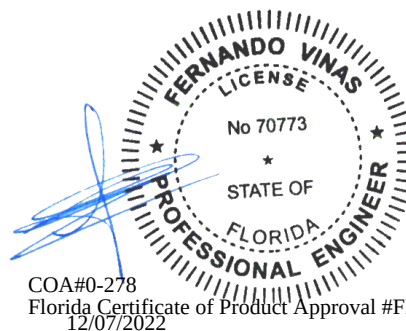
Right end vertical not exposed to wind pressure.

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 20" O.C.Max. including a lateral brace at chord ends.



COA#0-278

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

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)

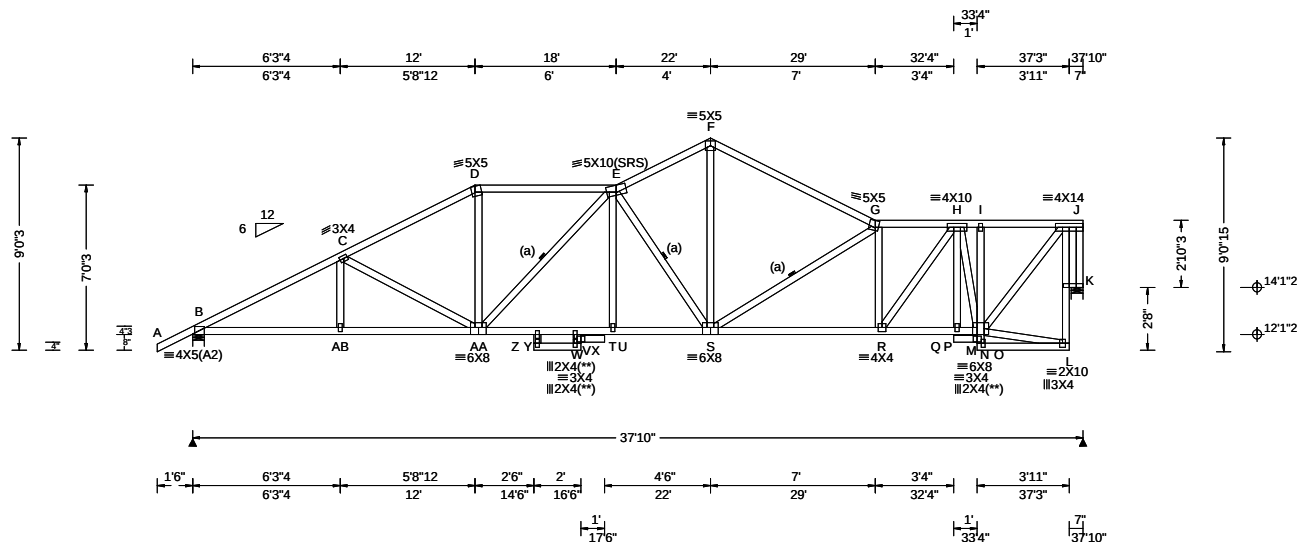
Webs	Tens.Comp.	Webs	Tens. Comp.
D - AB	795 -215	I - T	366 -1045
AB- E	668 -1569	T - J	1146 -331
AB- F	1201 -510	J - O	259 -908
F - V	483 -1219	O - L	2074 -703
G - V	1459 -498	L - M	639 -1490
V - H	222 -541		

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

SEQN: 682561 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

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.

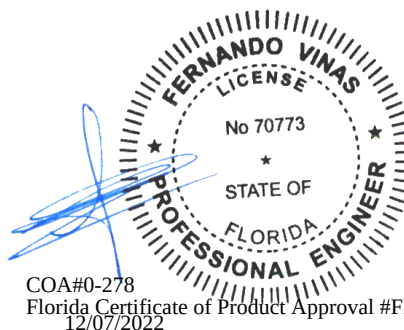
Right end vertical not exposed to wind pressure.

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 20" O.C.Max. including a lateral brace at chord ends.



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		

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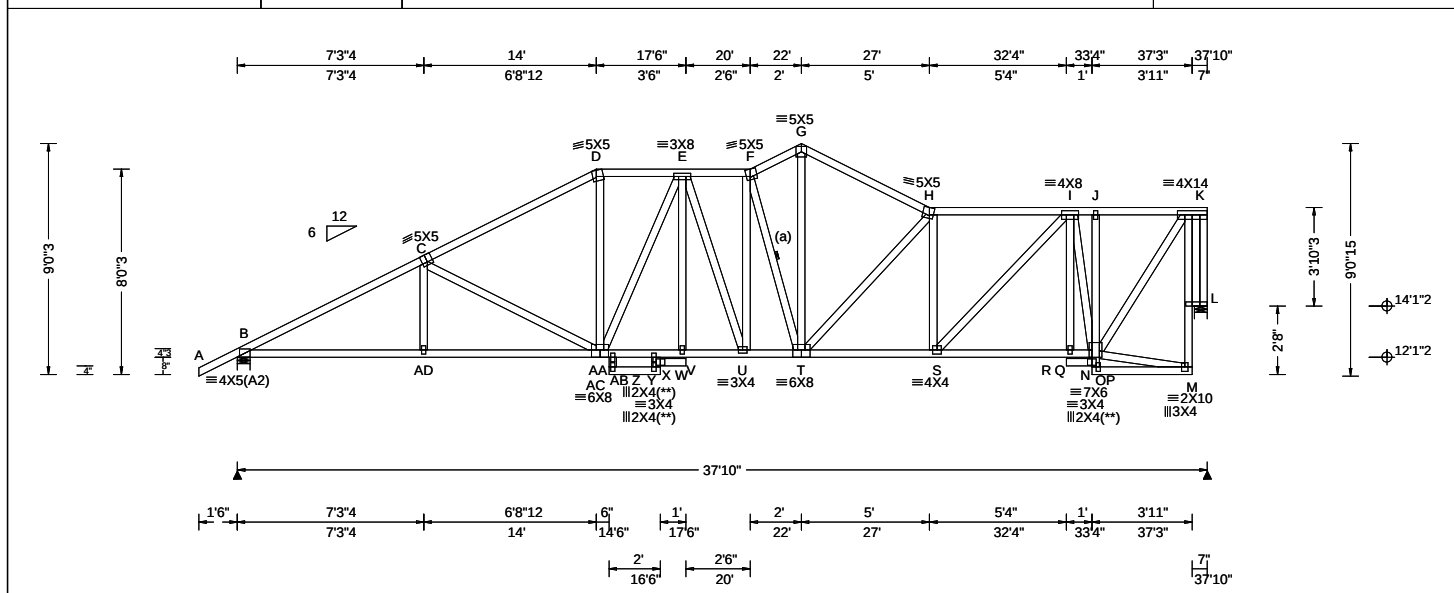
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682566 / FROM: CDM	SPEC	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

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.

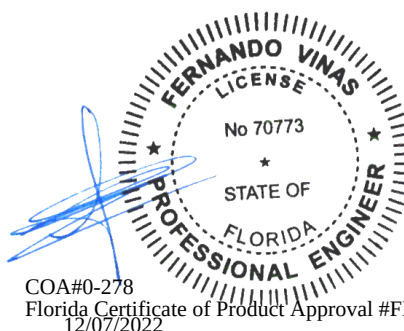
Plating Notes
All plates are 2X4 except as noted.
(**) 3 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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 20" O.C.Max. including a lateral brace at chord ends.



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

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

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[illegible]

Lumber	C - D	1017 - 2854	H - I	662 - 1560
Top chord: 2x4 SP #2; T2 2x4 SP M-31;	D - E	780 - 1773	I - J	375 - 859
Bot chord: 2x4 SP #2;	E - F	779 - 1772	J - K	374 - 857
Webs: 2x4 SP #3;	F - G	822 - 1969		
Rt Bearing Lea: 2x4 SP #3;				

(a) Continuous lateral restraint equally spaced on member.

All plates are 2X4 except as noted.

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

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

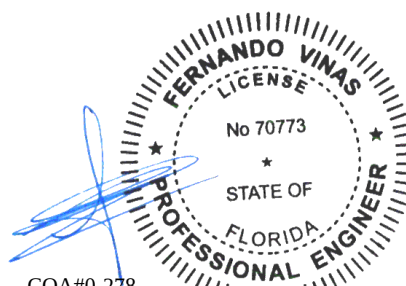
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

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

COA#0-270
Florida Certificate of Product Approval #FL1999
12/07/2022

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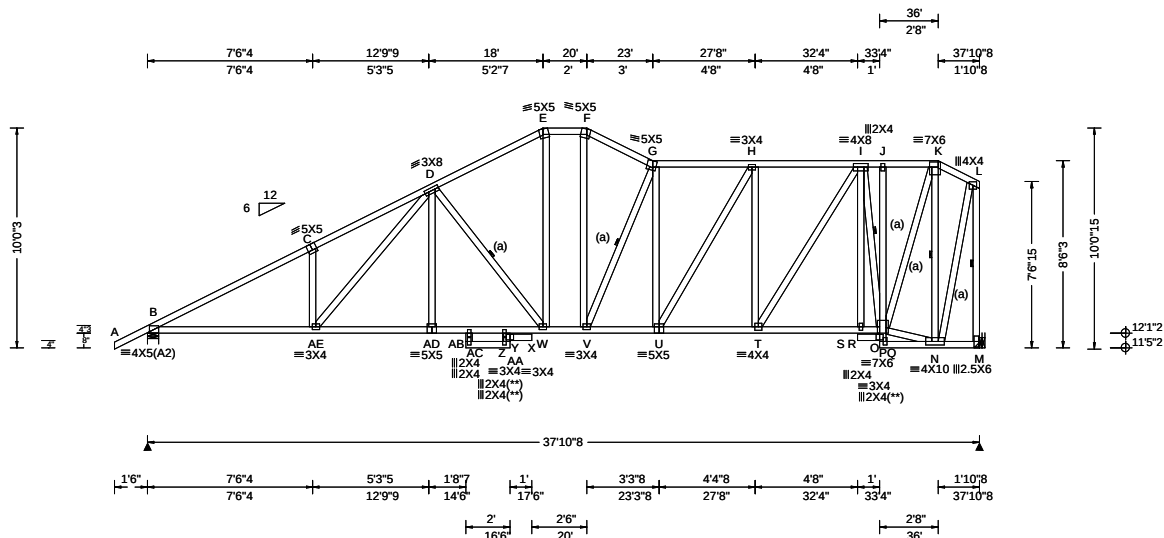
▲ Maximum Reactions (lbs)					
Loc	Gravity		Non-Gravity		
	R+	/ R-	/ Rw	/ U	/ RL
B	1647	/-	/-	/1025	/109 /224
L	1554	/-	/-	/185	/230 /-
Wind reactions based on MWFRS					
B	Brg Wid = 6.0		Min Req = 1.9 (Truss)		
L	Brg Wid = 6.0		Min Req = 1.5 (Support)		
Bearings B & L are a rigid surface.					
Members 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			

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

Webbs	Tens.Comp.	Webbs	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			



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Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.57 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 GCp: 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/def L/# VERT(LL): 0.179 X 999 240 VERT(CL): 0.375 X 999 180 HORZ(LL): 0.059 N - - HORZ(TL): 0.120 N - - Creep Factor: 2.0 Max TC CSI: 0.754 Max BC CSI: 0.731 Max Web CSI: 0.904 VIEW Ver: 21.02.01.1216.14	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

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.

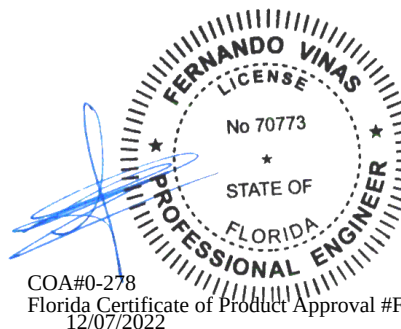
Wind

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".

Note: Laterally brace bottom chord above filler at 20" O.C.Max. including a lateral brace at chord ends.



COA#0-278
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12/07/2022

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

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.

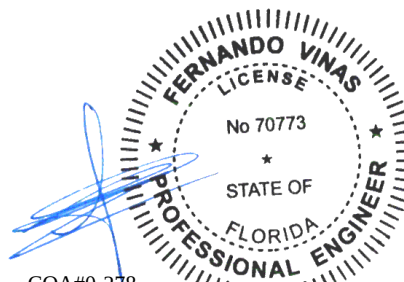
Bearing at location x=37'7"8 uses the following support conditions: 37'7"8

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.



COA#0-278

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12/07/2022

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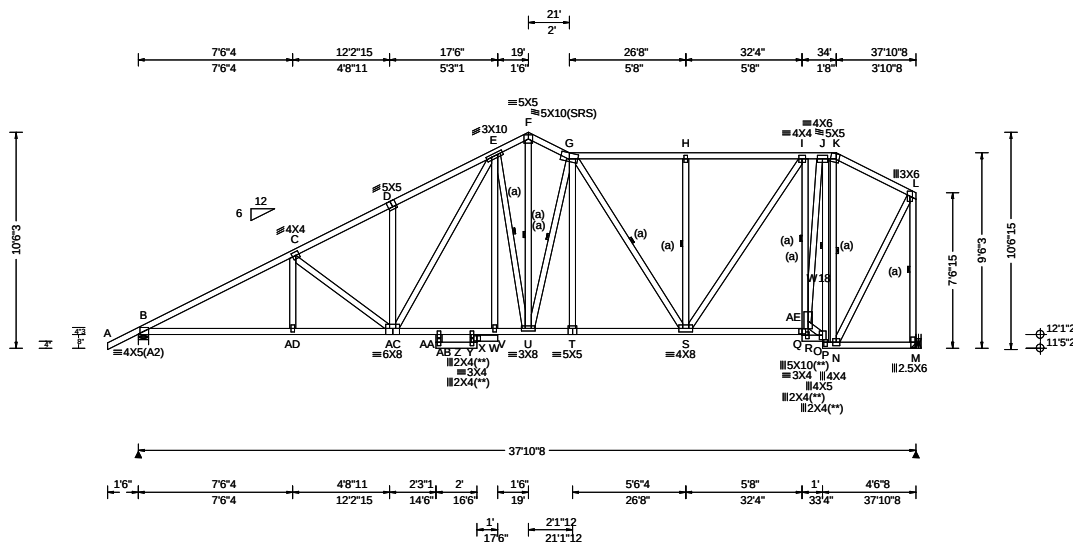
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	Gravity Non-Gravity Loc R+ / R- / Rh / 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

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

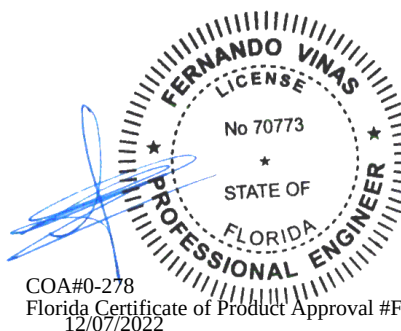
Bracing
(a) Continuous lateral restraint equally spaced on member.

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 20" O.C.Max. including a lateral brace at chord ends.



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		

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		

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SEQN: 682579 / FROM: CDM Page 2 of 2	SPEC 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
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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.

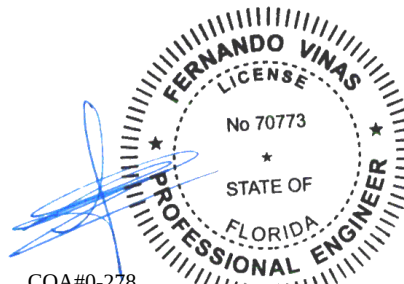
Bearing at location x=37'7"8 uses the following support conditions: 37'7"8

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.



COA#0-278

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

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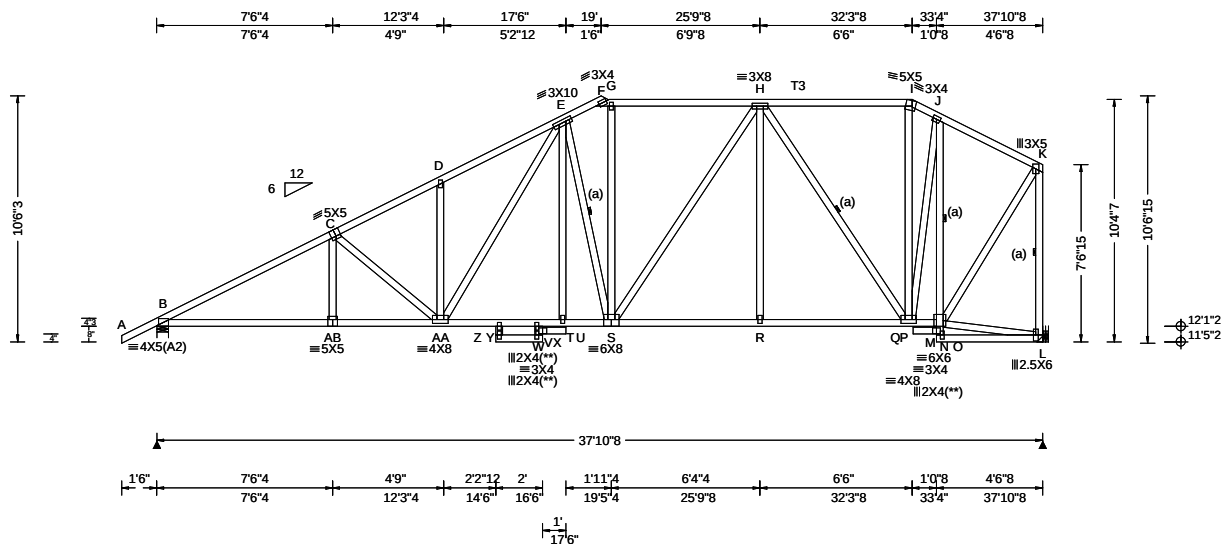
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North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def L/# VERT(LL): 0.176 T 999 240 VERT(CL): 0.323 T 999 180 HORZ(LL): 0.054 N - - HORZ(TL): 0.110 N - - Creep Factor: 2.0 Max TC CSI: 0.809 Max BC CSI: 0.724 Max Web CSI: 0.685 VIEW Ver: 21.02.01.1216.14	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.

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.

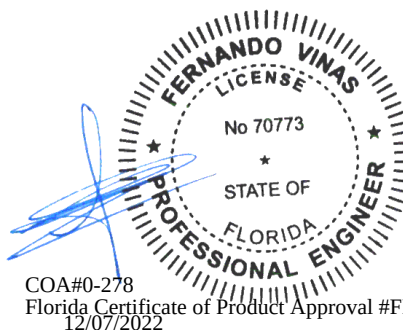
Right end vertical not exposed to wind pressure.

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 20" O.C.Max. including a lateral brace at chord ends.



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		

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SEQN: 682584 / FROM: CDM Page 2 of 2	SPEC 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
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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.

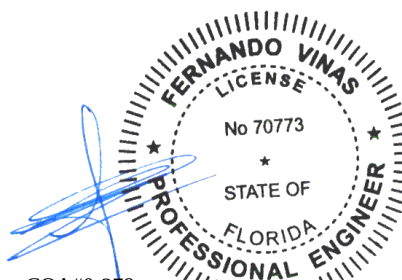
Bearing at location x=37'7"8 uses the following support conditions: 37'7"8

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.



COA#0-278

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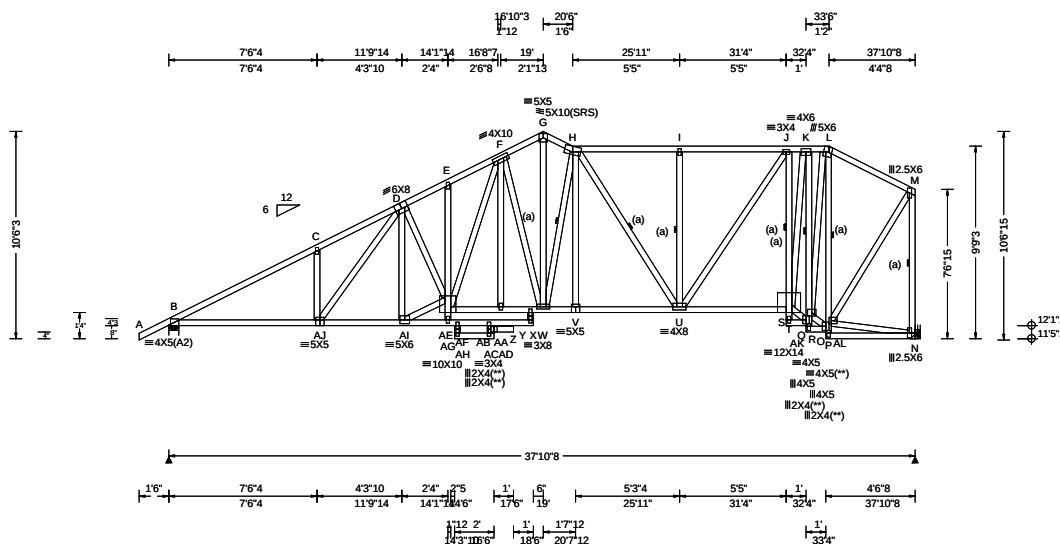
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

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.

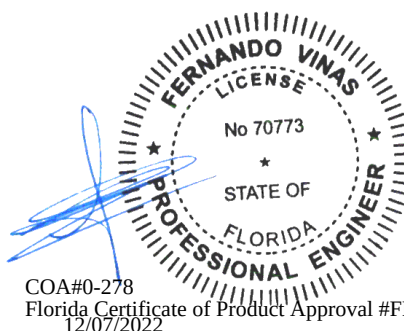
Right end vertical not exposed to wind pressure.

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 20" O.C.Max. including a lateral brace at chord ends.



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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		

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

SEQN: 682627 / FROM: CDM Page 2 of 2	SPEC 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
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Hangers / Ties

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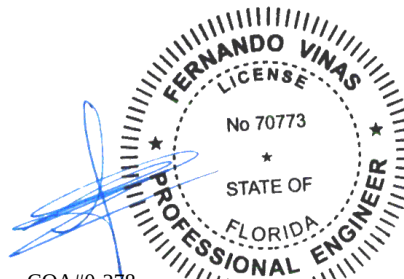
Bearing at location x=37'7"8 uses the following support conditions: 37'7"8

Bearing N (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.



COA#0-278

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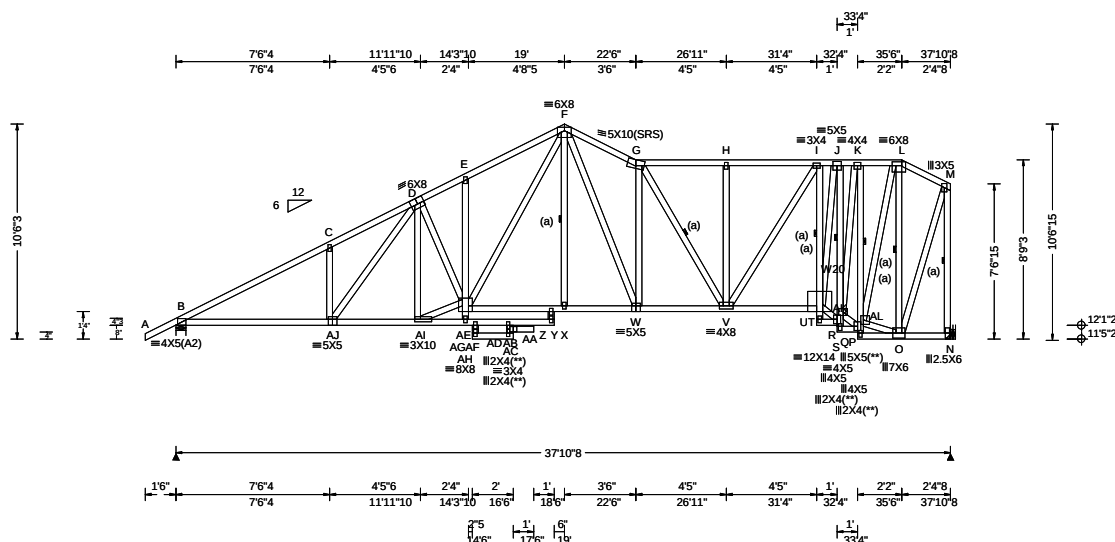
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 0.210 AA 999 240 VERT(CL): 0.397 AA 999 180 HORZ(LL): 0.101 O - - HORZ(TL): 0.207 O - - Creep Factor: 2.0 Max TC CSI: 0.737 Max BC CSI: 0.737 Max Web CSI: 0.830 VIEW Ver: 21.02.01.1216.14	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.

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

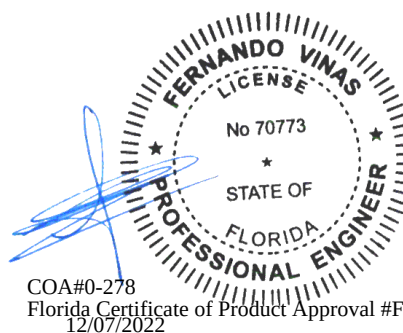
Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 2X4 except as noted.
(**) 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 20" O.C.Max. including a lateral brace at chord ends.



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		

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

Chords	Tens.Comp.	Chords	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

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SEQN: 682631 / FROM: CDM Page 2 of 2	SPEC 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
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Hangers / Ties

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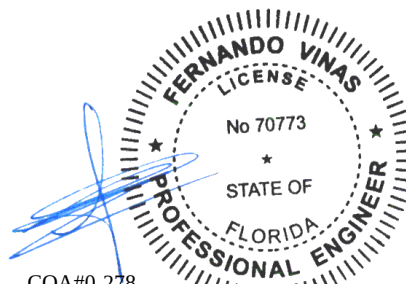
Bearing at location x=37'7"8 uses the following support conditions: 37'7"8

Bearing N (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.



COA#0-278

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

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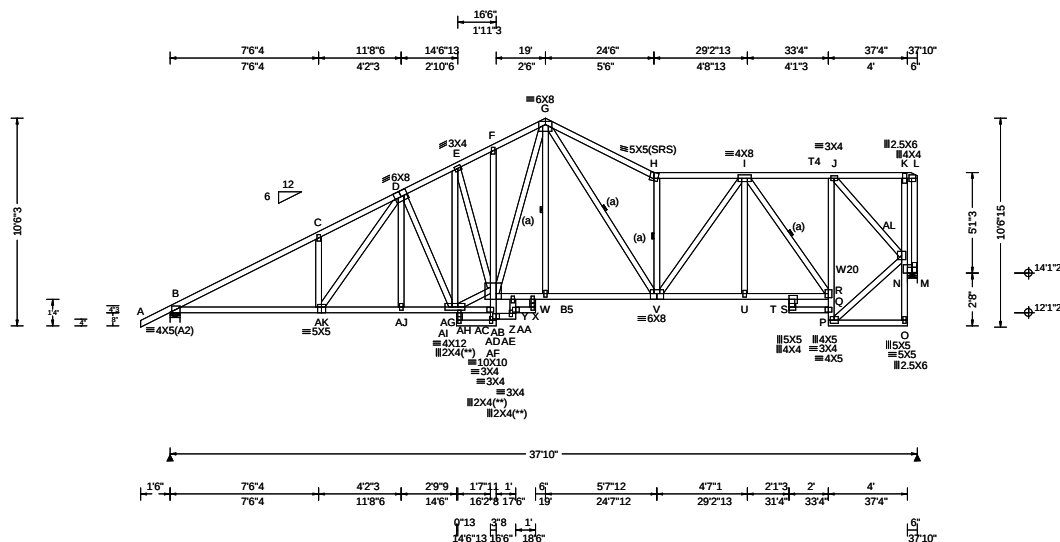
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682605 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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): 0.281 H 999 240 VERT(CL): 0.574 H 788 180 HORZ(LL): 0.283 O - - HORZ(TL): 0.578 O - - Creep Factor: 2.0 Max TC CSI: 0.737 Max BC CSI: 0.735 Max Web CSI: 0.970 VIEW Ver: 21.02.01.1216.14	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

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.

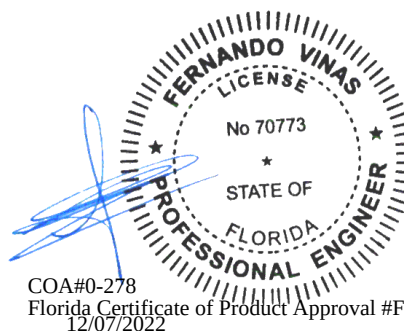
Right end vertical not exposed to wind pressure.

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 20" O.C.Max. including a lateral brace at chord ends.



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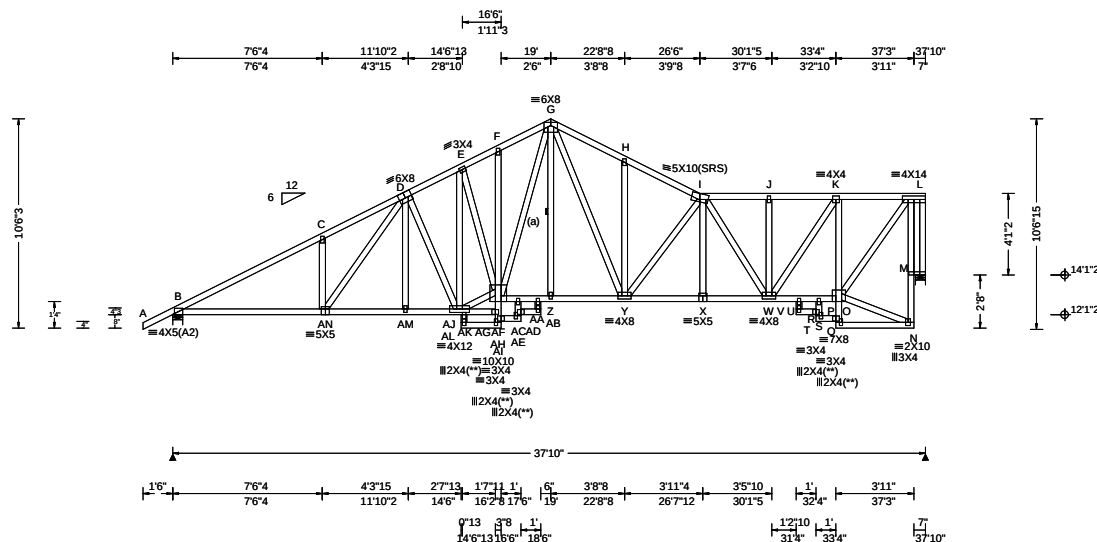
12/07/2022

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Glenview, IL 60025

SEQN: 682637 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / 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

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.

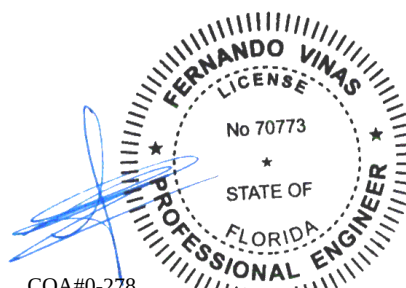
Right end vertical not exposed to wind pressure.

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 20" O.C.Max. including a lateral brace at chord ends.



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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		

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

[illegible]

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

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.

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 20" O.C.Max. including a lateral brace at chord ends.

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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			

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Lumber	C - D	758 - 2781	H - I	977 - 3164
Top chord: 2x4 SP #2;	D - E	666 - 2239	I - J	780 - 2699
Bot chord: 2x4 SP #2; B6 2x4 SP M-31;	E - F	717 - 2215	J - K	600 - 1919
Webs: 2x4 SP #3;	F - G	614 - 1799		
Rt Bearing Lea: 2x4 SP #3;				

(**) 4 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.
 Right end vertical not exposed to wind pressure.
 Wind loading based on both gable and hip roof types.

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

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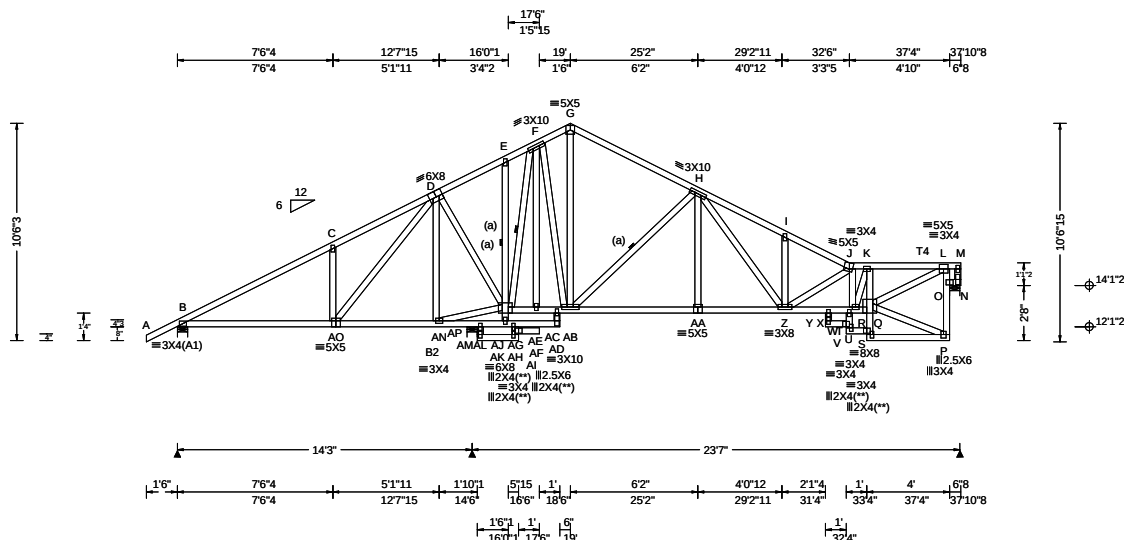
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155 Harlem Ave
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 Glenview, IL 60025

SEQN: 682691 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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.

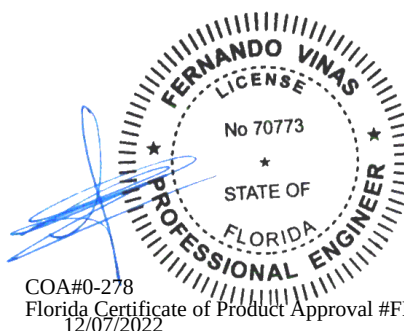
Right end vertical not exposed to wind pressure.

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 20" O.C.Max. including a lateral brace at chord ends.



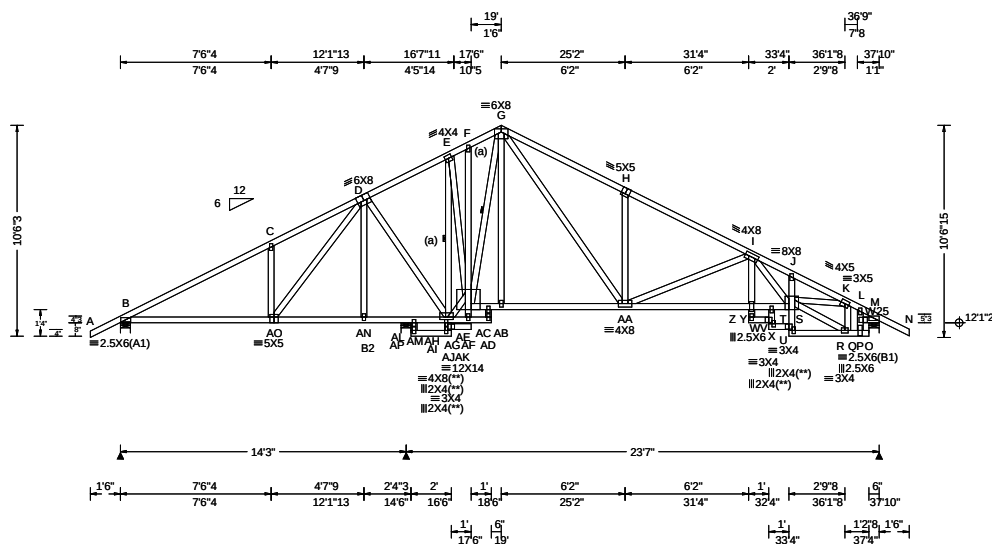
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Glenview, IL 60025

SEQN: 682699 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 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	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.

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

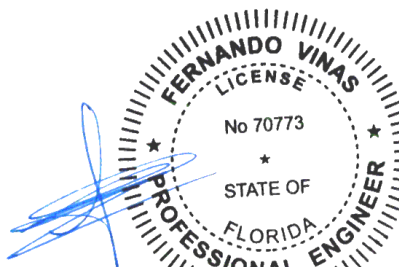
Wind loads based on MWFRS with additional C&C member design.

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 20" O.C. Max. including a lateral brace at chord ends.



COA#0-278

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12/07/2022

Maximum Bot 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 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

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

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.163 AE 999 240	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.331 AE 848 180	B 871 /- /- /544 /52 /293
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.088 N - -	AP 1296 /- /- /725 /- /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.179 N - -	L 1171 /- /- /753 /55 /-
NCBCLL: 10.00	Mean Height: 16.82 ft		Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf	Building Code:	Max TC CSI: 0.525	B Brg Wid = 6.0 Min Req = 1.5 (Truss)
Load Duration: 1.25	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max BC CSI: 0.765	AP Brg Wid = 6.0 Min Req = 1.5 (Truss)
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max Web CSI: 0.923	L Brg Wid = 6.0 Min Req = 1.5 (Truss)
	C&C Dist a: 3.78 ft	Rep Fac: Yes		Bearings B, AP, & L are a rigid surface.
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Members not listed have forces less than 375#
	GCpi: 0.18	Plate Type(s):		Maximum Top Chord Forces Per Ply (lbs)
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.01.1216.14	Chords Tens.Comp. Chords Tens. Comp.

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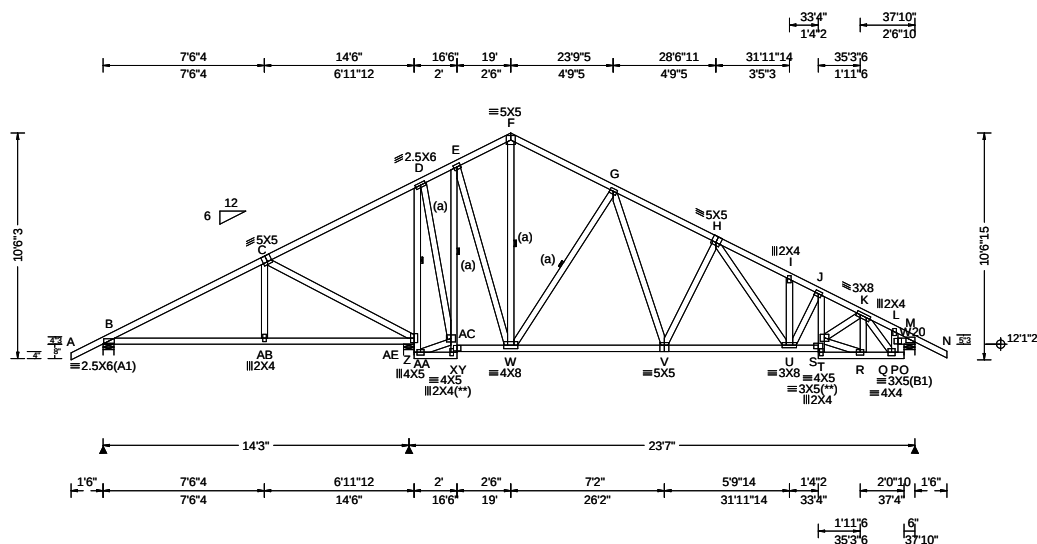
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Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.		Webs	Tens. Comp.	
C -AO	220	- 397	AA- H	261	- 417
AO- D	801	- 227	AA- I	211	- 765
D -AN	252	- 638	I - S	932	- 181
E -AH	204	- 1315	S - R	714	- 124
E -AF	1016	0	S - K	1750	- 307
AH-AF	579	- 110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



SEQN: 682719 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def L/# VERT(LL): 0.050 H 999 240 VERT(CL): 0.102 H 999 180 HORZ(LL): 0.014 O - - HORZ(TL): 0.030 O - - Creep Factor: 2.0 Max TC CSI: 0.598 Max BC CSI: 0.540 Max Web CSI: 0.912 VIEW Ver: 21.02.01.1216.14	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.

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.

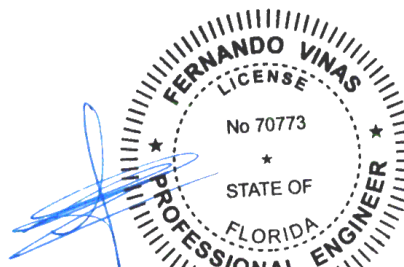
Wind

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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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		

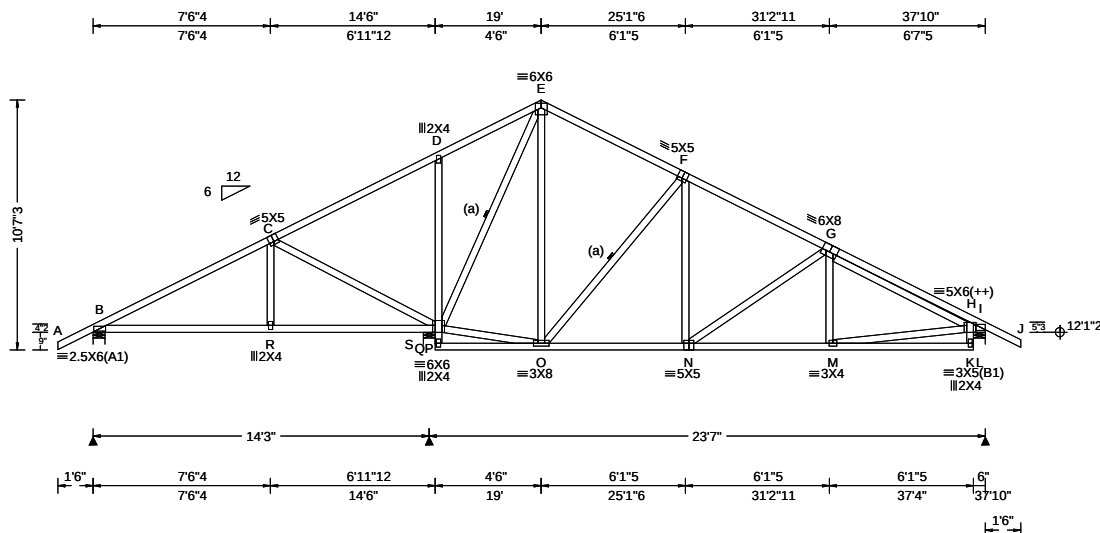
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673159 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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.

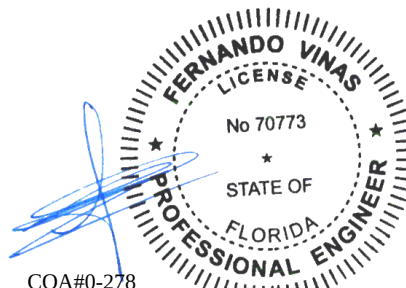
Wind

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.

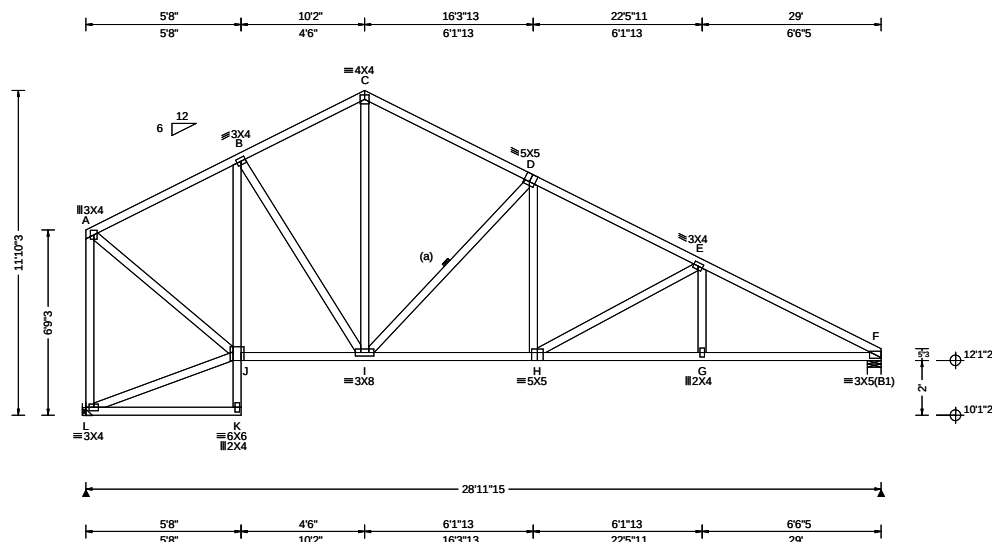


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SEQN: 672913 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 22-8269 McCabe Truss Label: C01	Cust: R 215 JRef: 1XLa2150003 T59 / DrwNo: 341.22.1105.12243 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

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

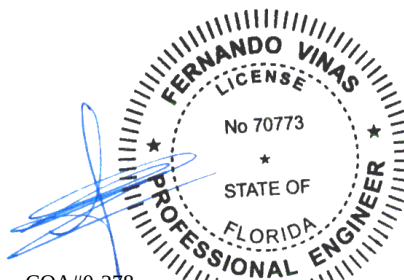
Wind loads based on MWFRS with additional C&C member design.

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

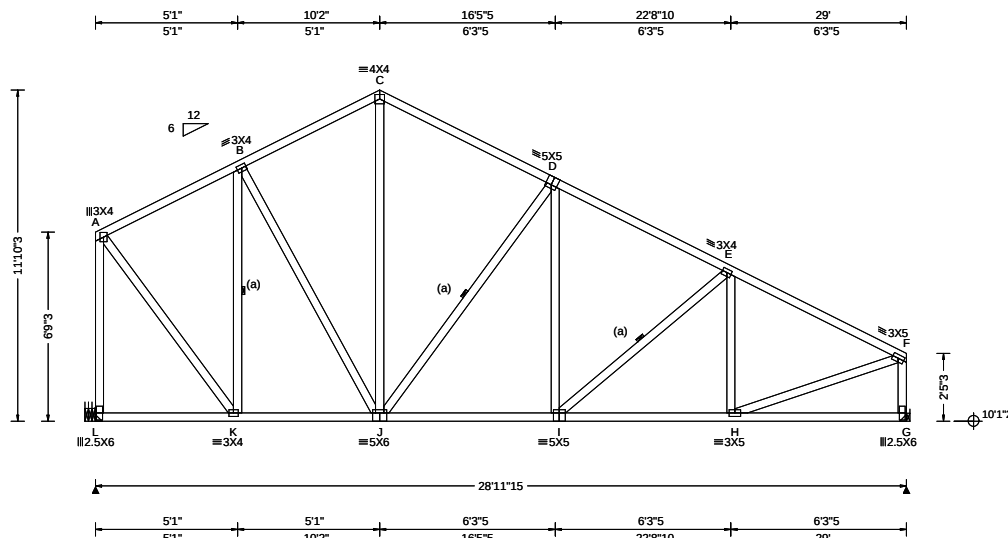
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444399 / FROM: CDM	SPEC	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 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	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

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

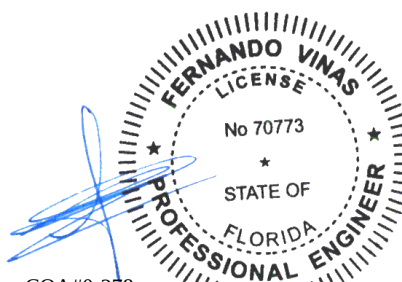
The overall height of this truss excluding overhang is 11-10-3.

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		



COA#0-278

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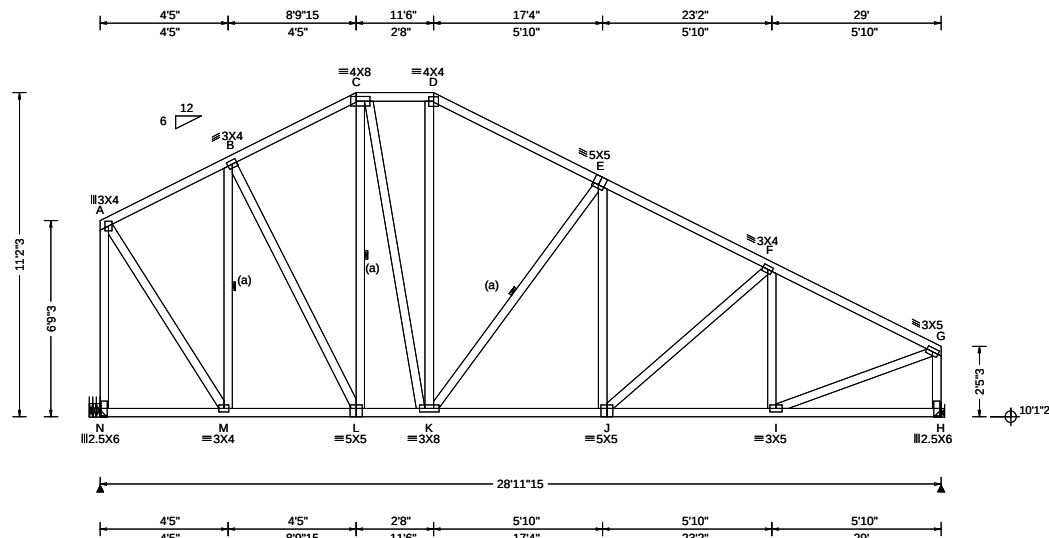
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444397 / FROM: CDM	HIPS Qty: 1	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

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

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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.

(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

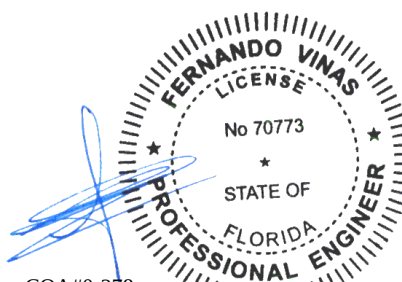
The overall height of this truss excluding overhang is 11-2-3.

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		



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

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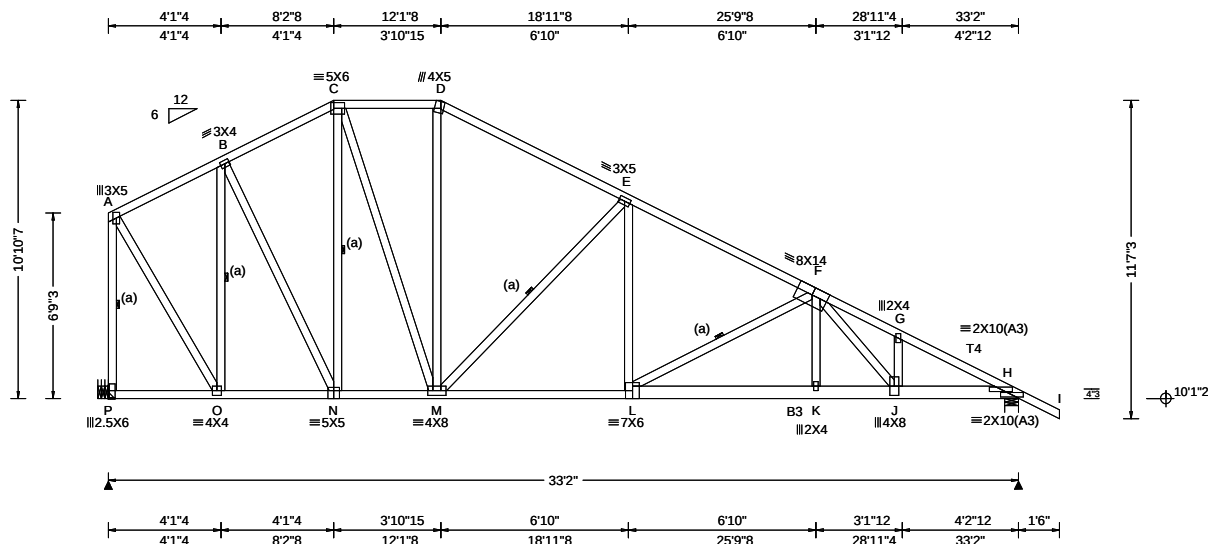
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444404 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL P 1566 - / - / - / 248 - / - H 3077 - / - / - / 370 - / - Non-Gravity 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

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

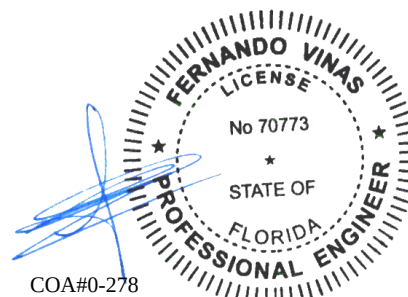
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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.

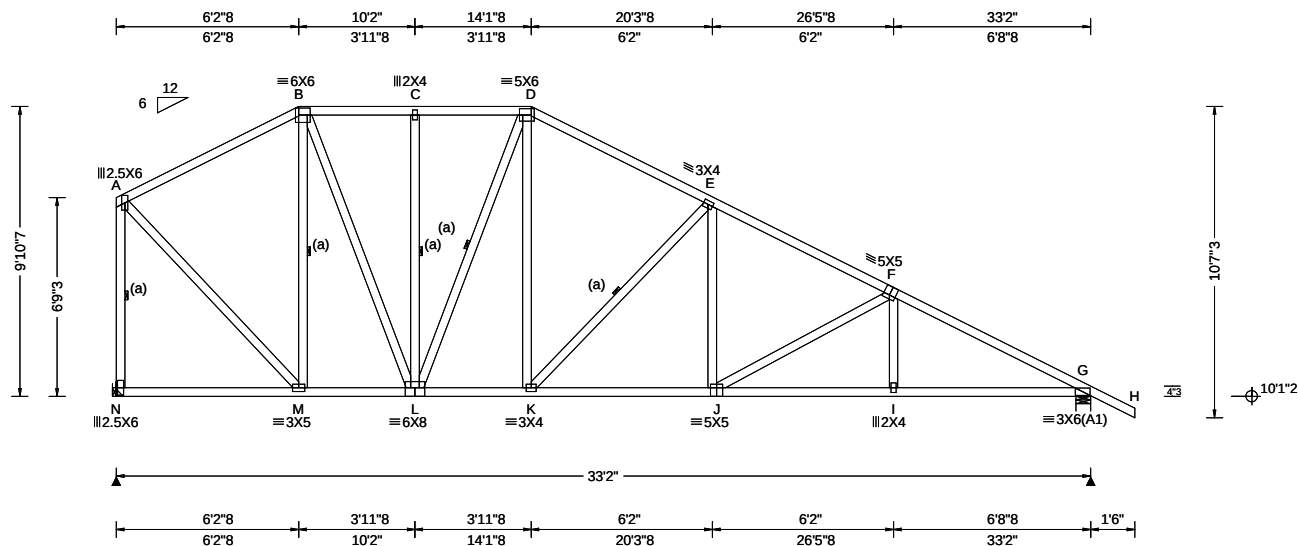


COA#0-278
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12/07/2022

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

SEQN: 672877 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

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

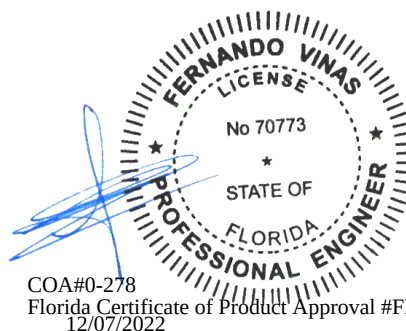
Wind loads based on MWFRS with additional C&C member design.

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.



COA#0-278

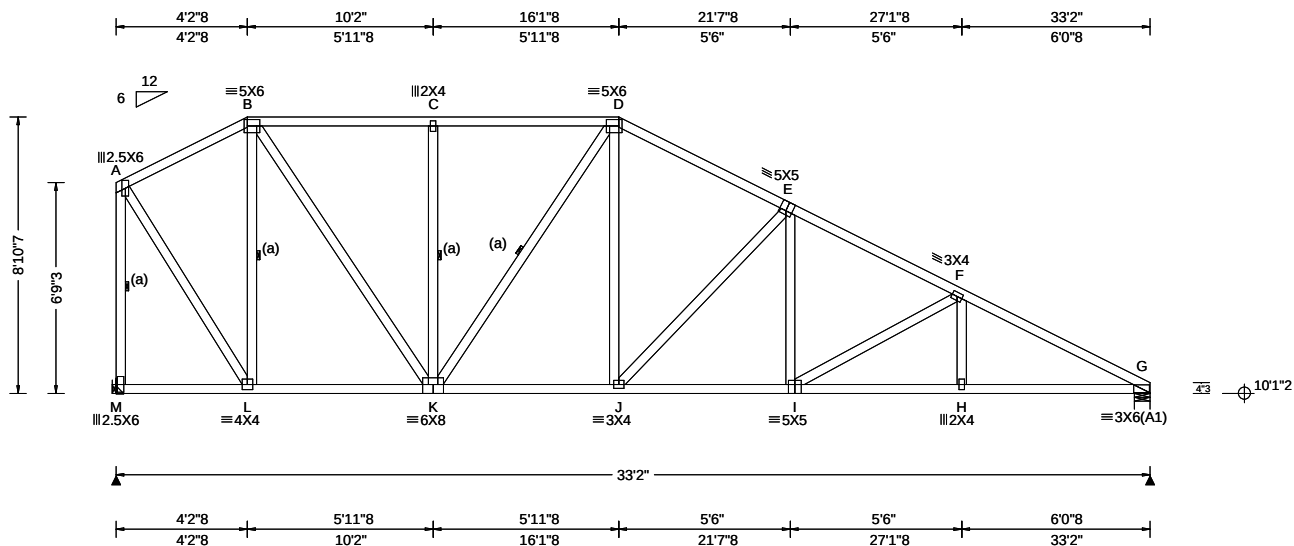
Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 672880 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def L/# VERT(LL): 0.102 I 999 240 VERT(CL): 0.209 I 999 180 HORZ(LL): 0.036 G - - HORZ(TL): 0.075 G - - Creep Factor: 2.0 Max TC CSI: 0.421 Max BC CSI: 0.568 Max Web CSI: 0.881 VIEW Ver: 21.02.01.1216.14	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

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

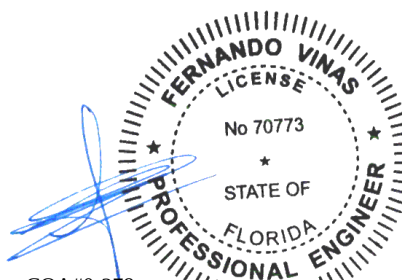
Wind loads based on MWFRS with additional C&C member design.

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".



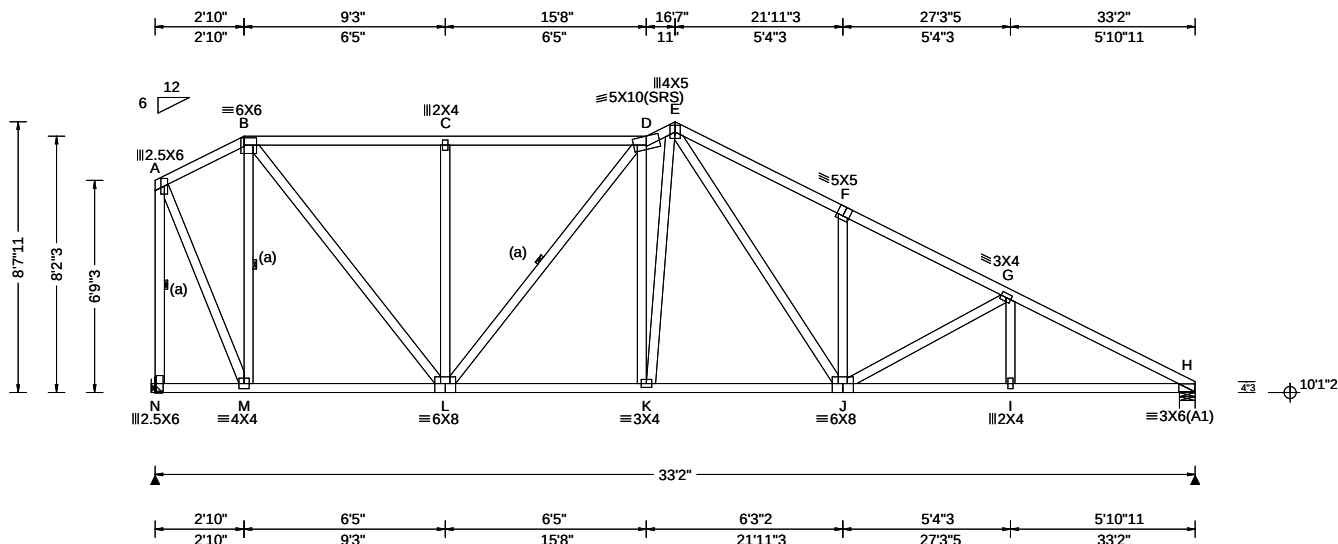
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672883 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 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	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

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

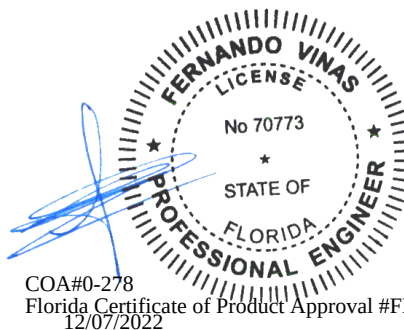
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

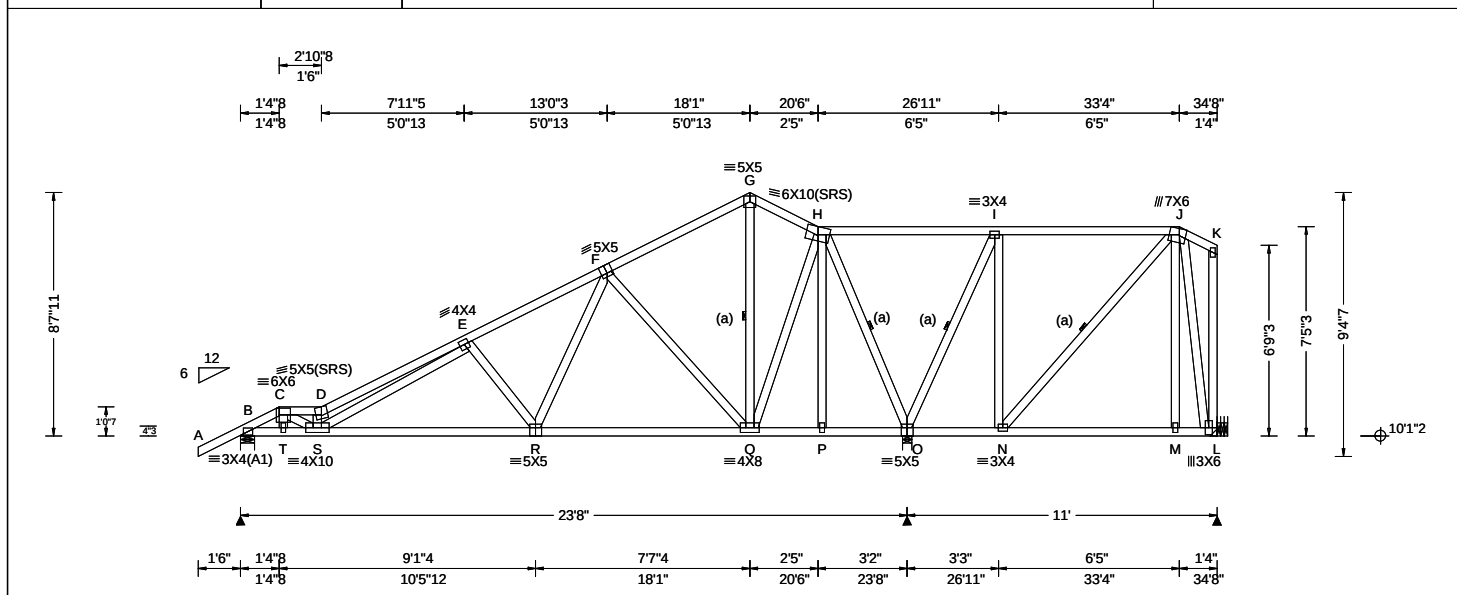
The overall height of this truss excluding overhang is 8'-7-11".



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SEQN: 444388 / FROM: CDM	EJAC Qty: 1	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

Lumber	Additional Notes	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	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.	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

Bracing	Maximum Bot Chord Forces Per Ply (lbs)
(a) Continuous lateral restraint equally spaced on member.	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

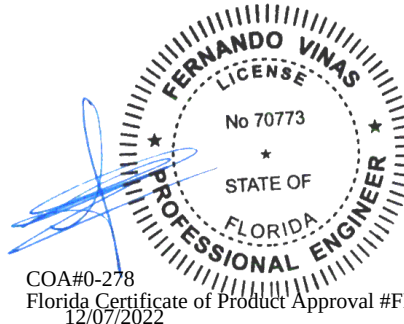
Special Loads	Maximum Web Forces Per Ply (lbs)
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 62 plf at -1.50 to 62 plf at 34.67 BC: From 4 plf at -1.50 to 4 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 34.67 TC: 34 lb Conc. Load at 1.44 BC: 34 lb Conc. Load at 1.44	Chords Tens.Comp. Chords 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

Plating Notes	Maximum Web Forces Per Ply (lbs)
All plates are 2X4 except as noted.	Chords Tens.Comp. Chords 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

Hangers / Ties	Maximum Web Forces Per Ply (lbs)
(J) Hanger Support Required, by others	Chords Tens.Comp. Chords 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

Purlins	Maximum Web Forces Per Ply (lbs)
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	Chords Tens.Comp. Chords 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

Wind	Maximum Web Forces Per Ply (lbs)
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.	Chords Tens.Comp. Chords 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

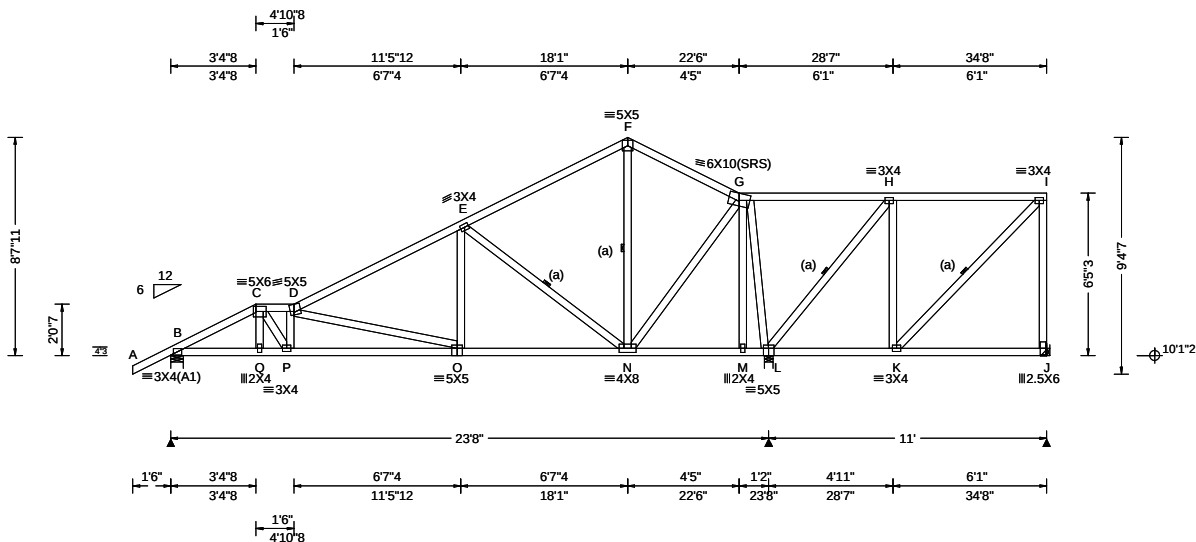


COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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SEQN: 672891 / FROM: CDM	EJAC	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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

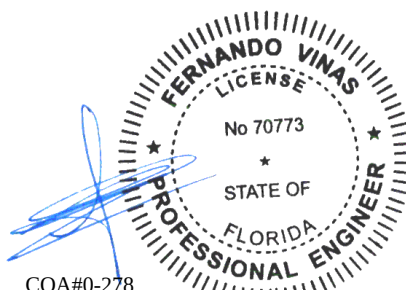
Wind loads based on MWFRS with additional C&C member design.

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.



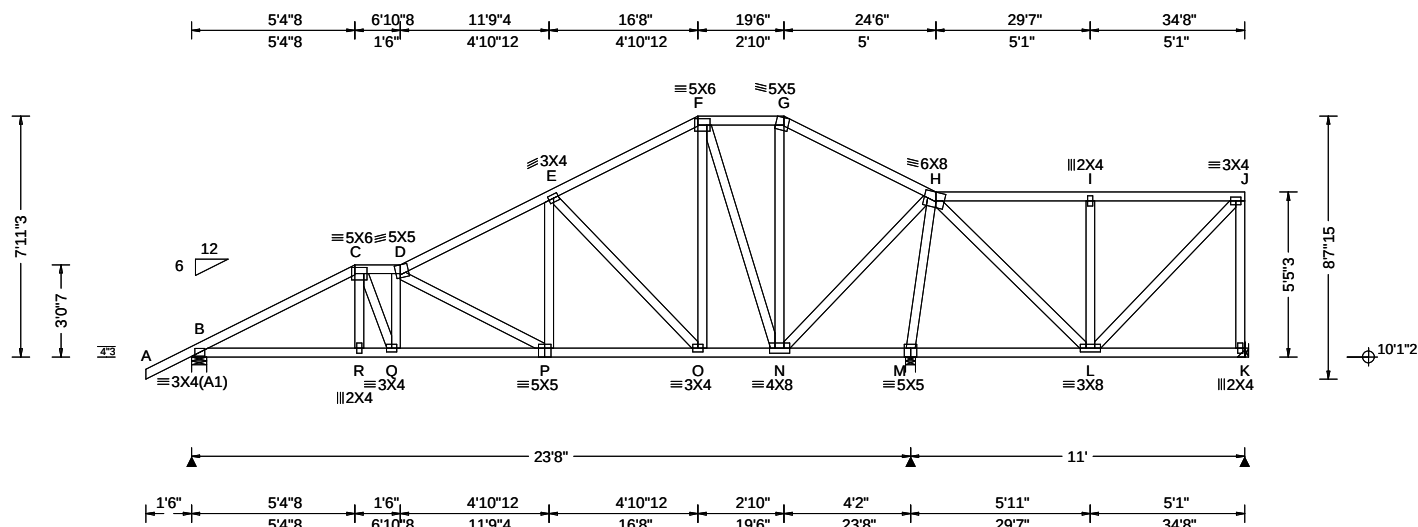
COA#0-278

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

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SEQN: 672894 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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

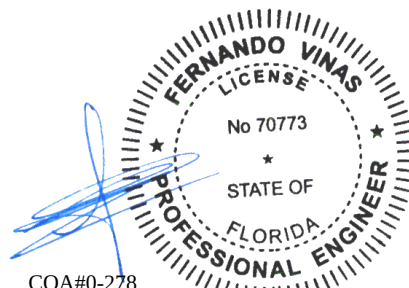
Wind loads based on MWFRS with additional C&C
member design.

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

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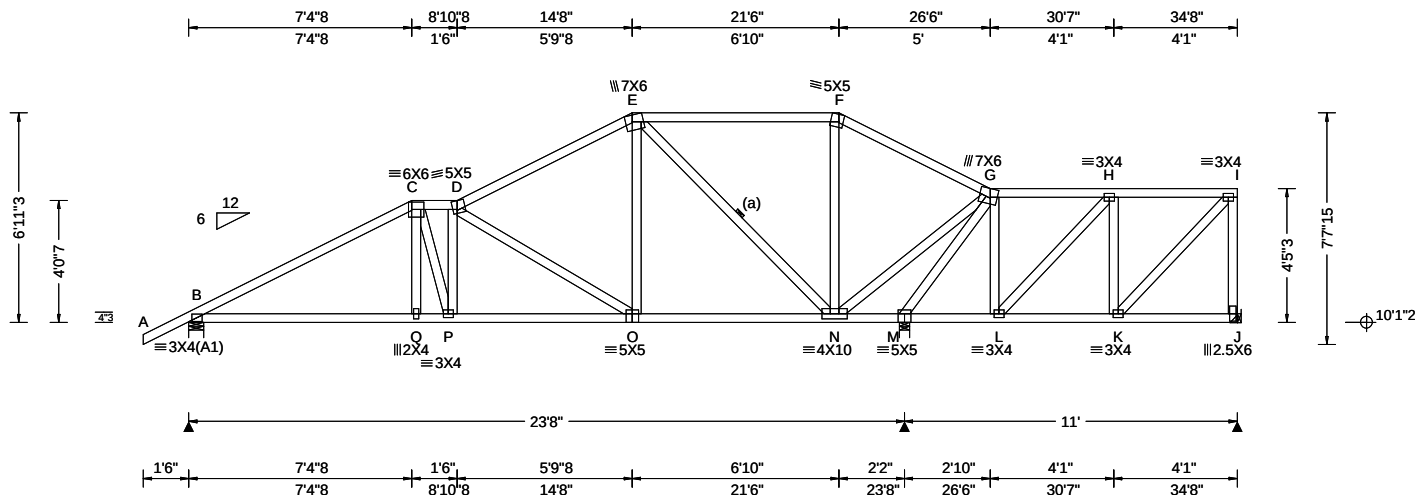
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672897 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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

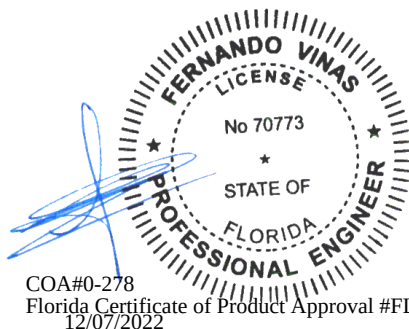
Wind loads based on MWFRS with additional C&C member design.

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.



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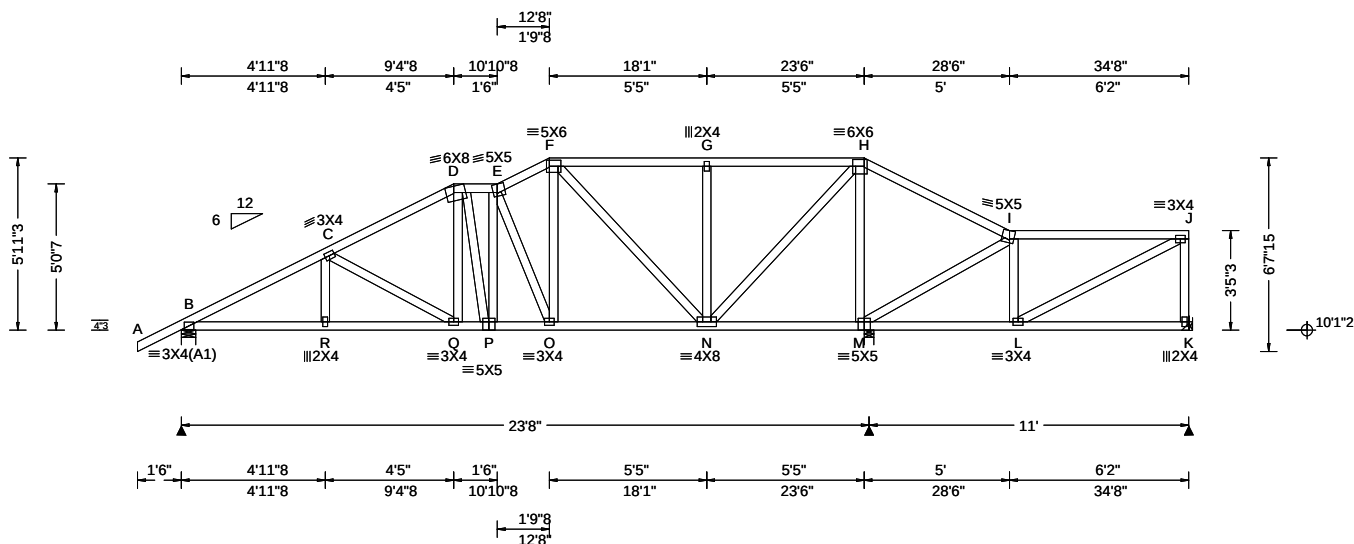
12/07/2022

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

SEQN: 672900 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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

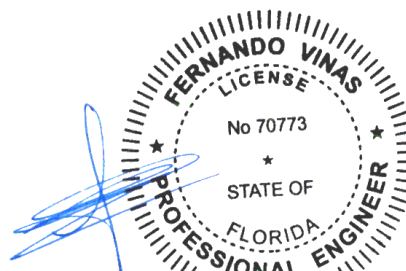
Wind loads based on MWFRS with additional C&C member design.

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.



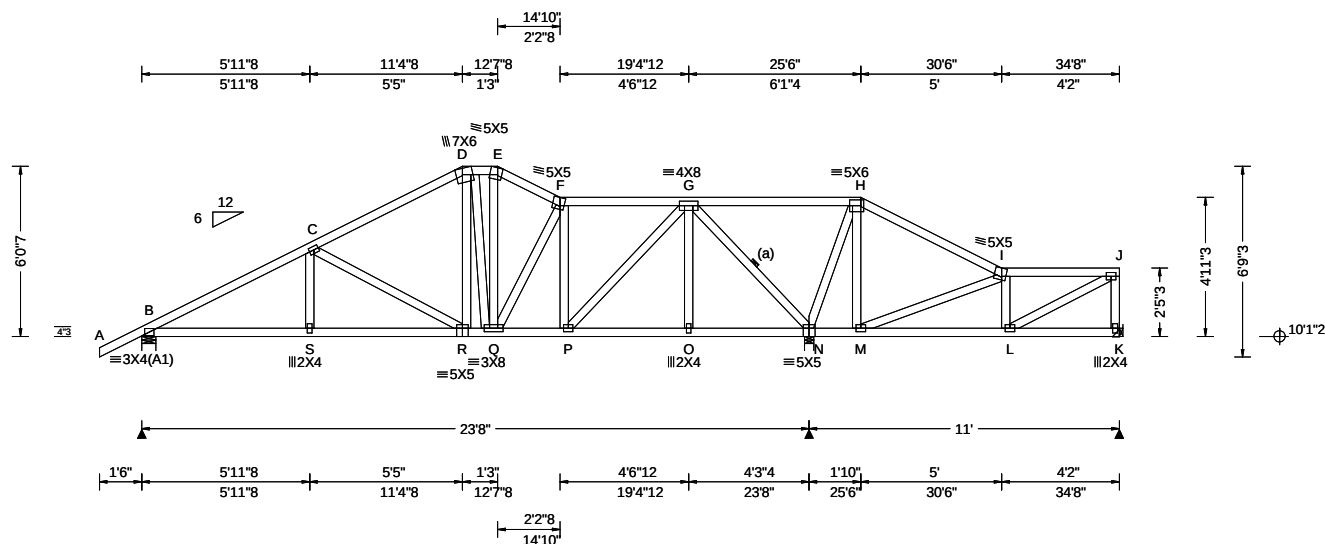
COA#0-278
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672903 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 0.040 S 999 240 VERT(CL): 0.084 S 999 180 HORZ(LL): 0.013 C - - HORZ(TL): 0.028 N - - Creep Factor: 2.0 Max TC CSI: 0.661 Max BC CSI: 0.395 Max Web CSI: 0.414 VIEW Ver: 21.02.01.1216.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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

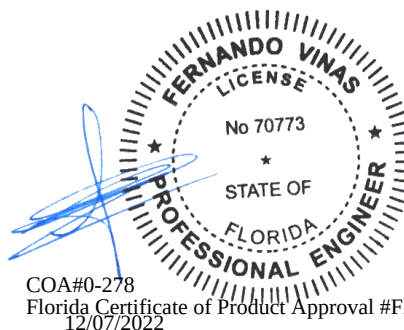
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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".



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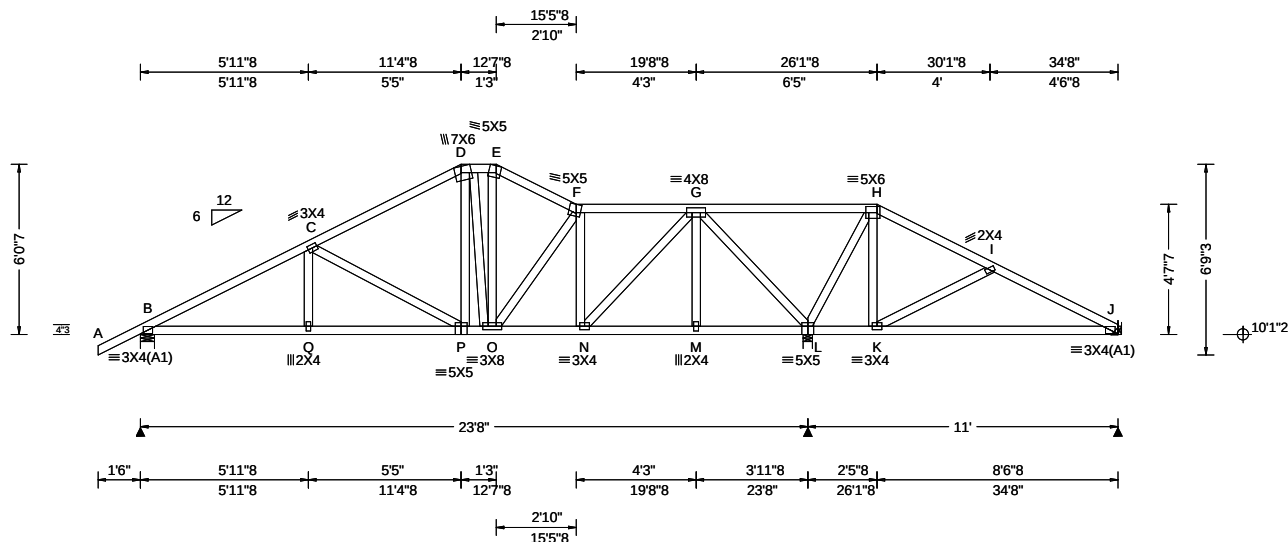
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672907 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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.

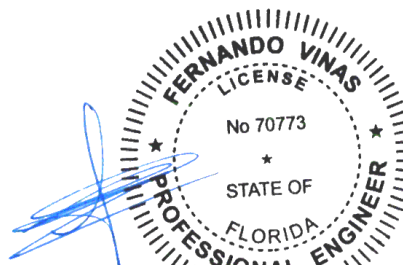
Wind

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 60'-7".



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12/07/2022

Maximum Bot 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		

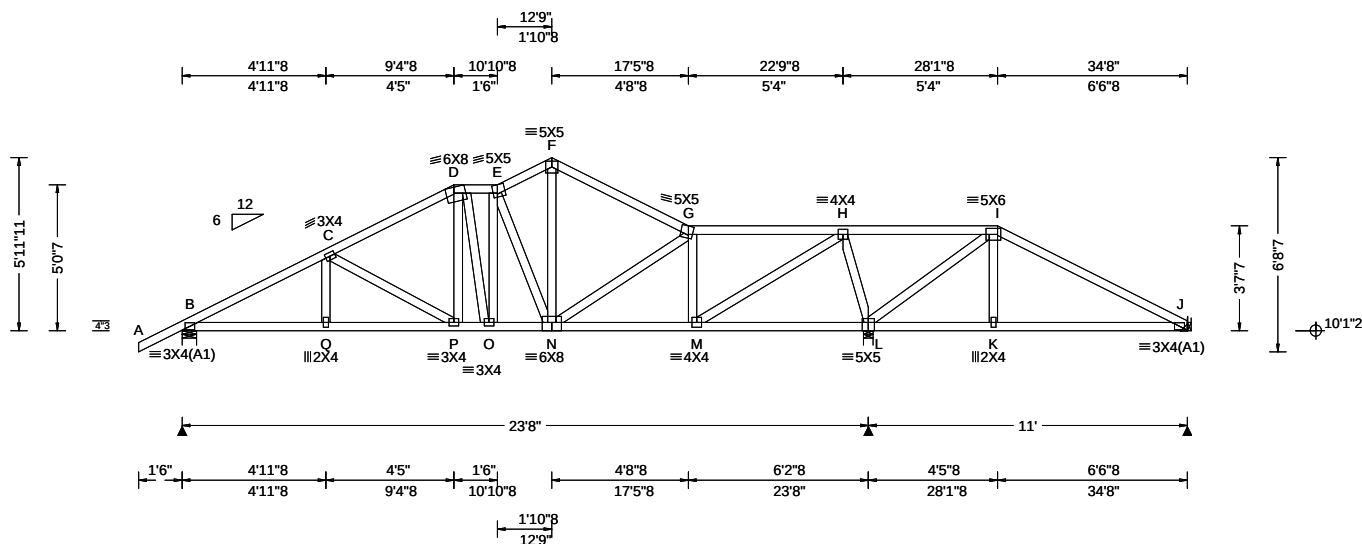
Maximum Web Forces Per Ply (lbs)

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

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

SEQN: 672910 / FROM: CDM	EJAC	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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.

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

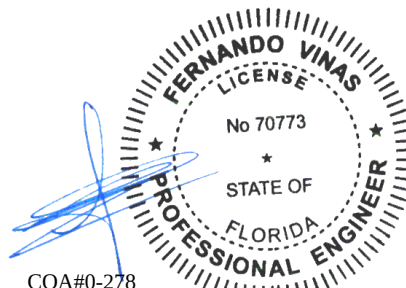
The overall height of this truss excluding overhang is 5-11-11.

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		



COA#0-278

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

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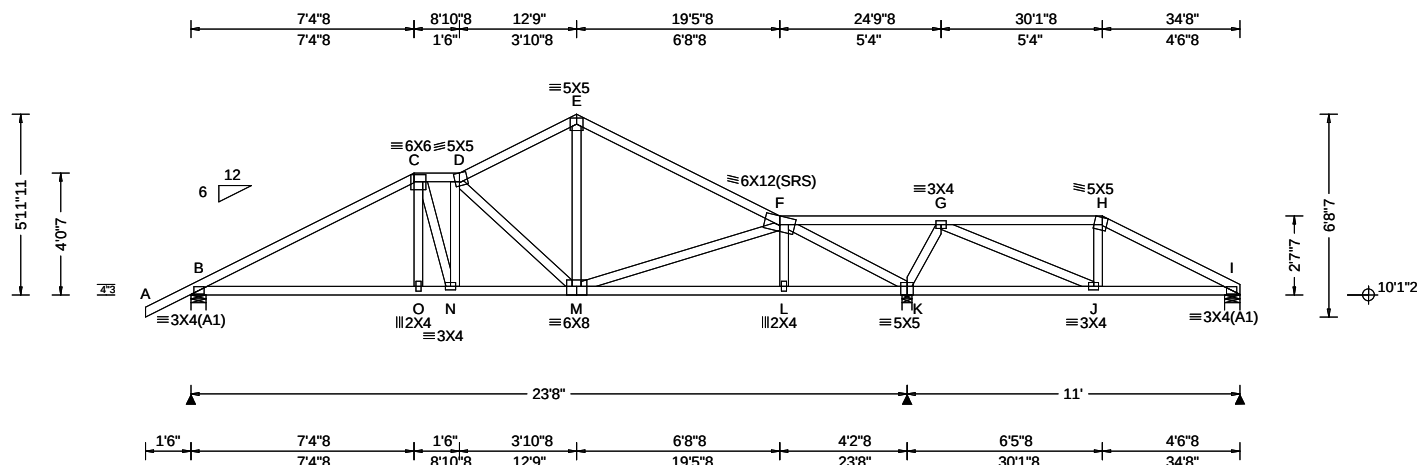
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672781 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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

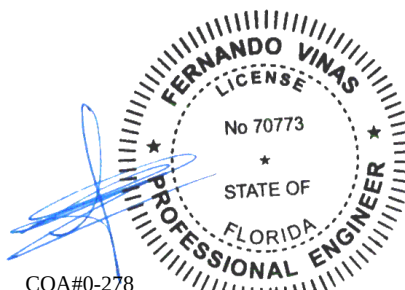
The overall height of this truss excluding overhang is
5-11-11.

Maximum Bot 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 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		



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

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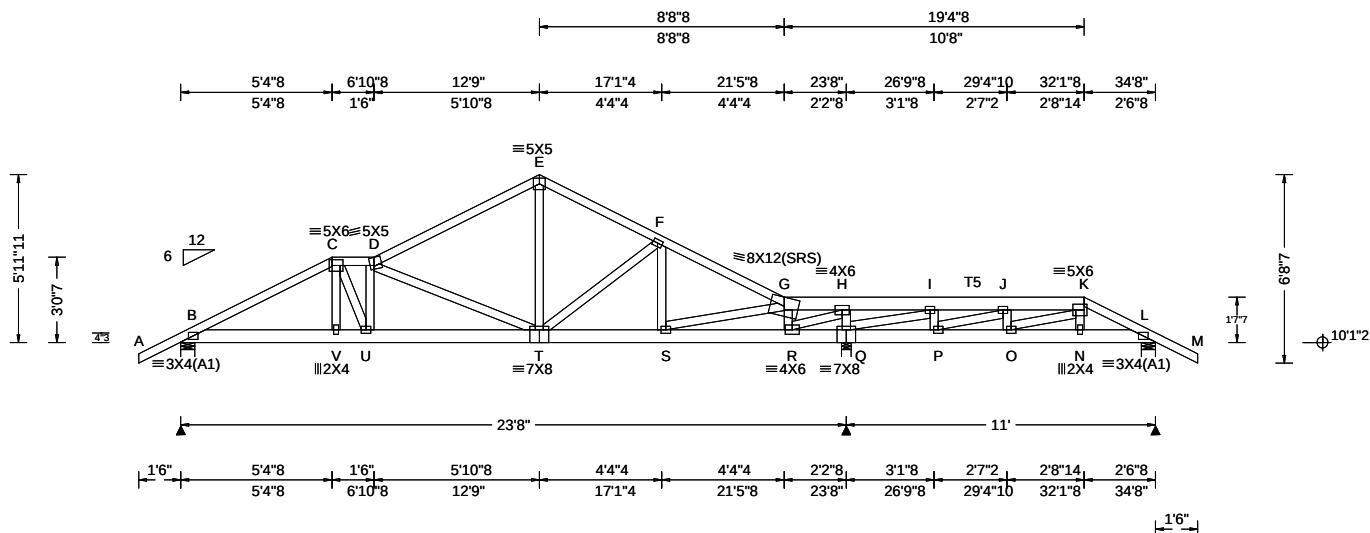
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444434 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

Lumber	Additional Notes	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; T5 2x6 SP #2; Bot chord: 2x6 SP #2; Webs: 2x4 SP #3;	The overall height of this truss excluding overhang is 5-11-11.	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

Special Loads	Maximum Bot Chord Forces Per Ply (lbs)
----- (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	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

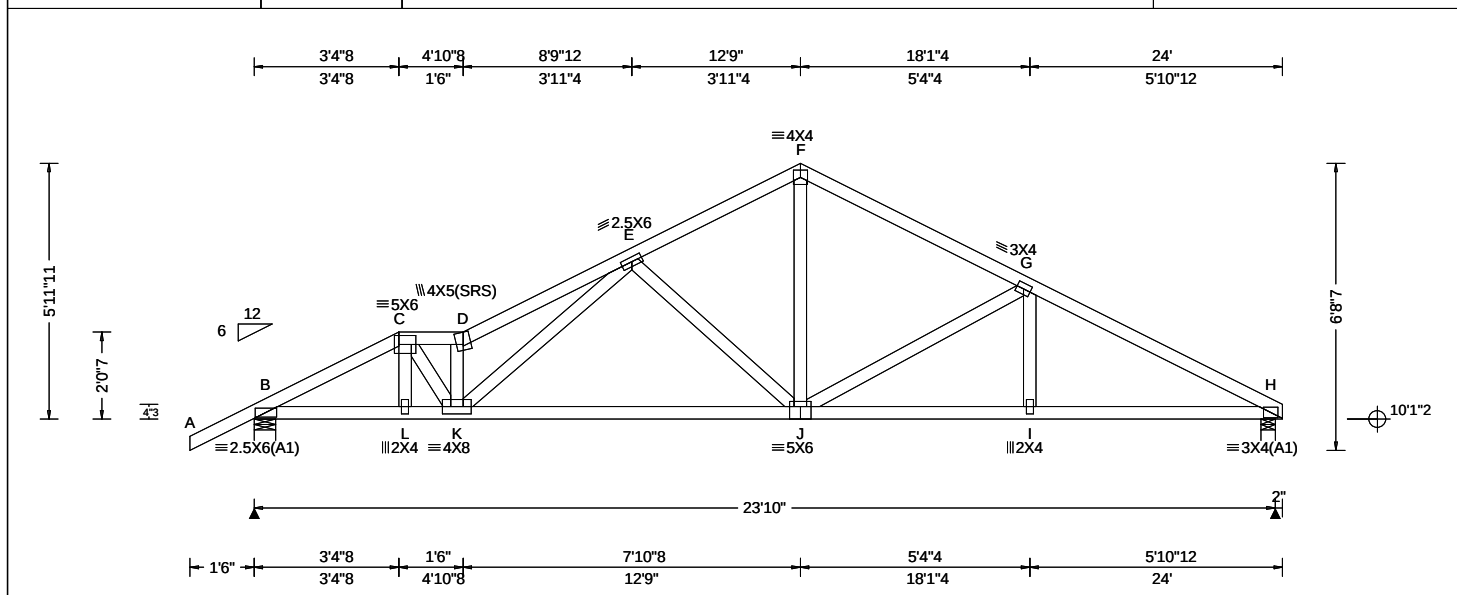
Plating Notes	Maximum Web Forces Per Ply (lbs)
All plates are 3X4 except as noted.	Webs Tens.Comp. Webs Tens. Comp. C - U 455 -75 G - R 189 -858 U - D 124 -383 R - H 1509 -243 D - T 131 -768 H - Q 238 -1145 E - T 552 -20 Q - I 243 -1102 S - G 651 -111 P - J 123 -608

Purlins	Professional Engineer
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	FERNANDO VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER COA#0-278 Florida Certificate of Product Approval #FL1999 12/07/2022

Wind	**WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.	**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: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 672764 / FROM: CDM	EJAC	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 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	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

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

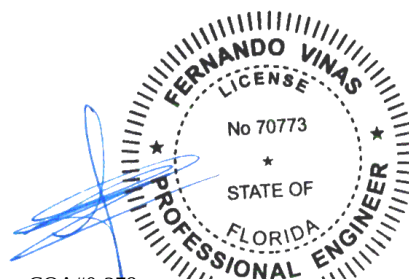
Wind loads based on MWFRS with additional C&C
member design.

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.

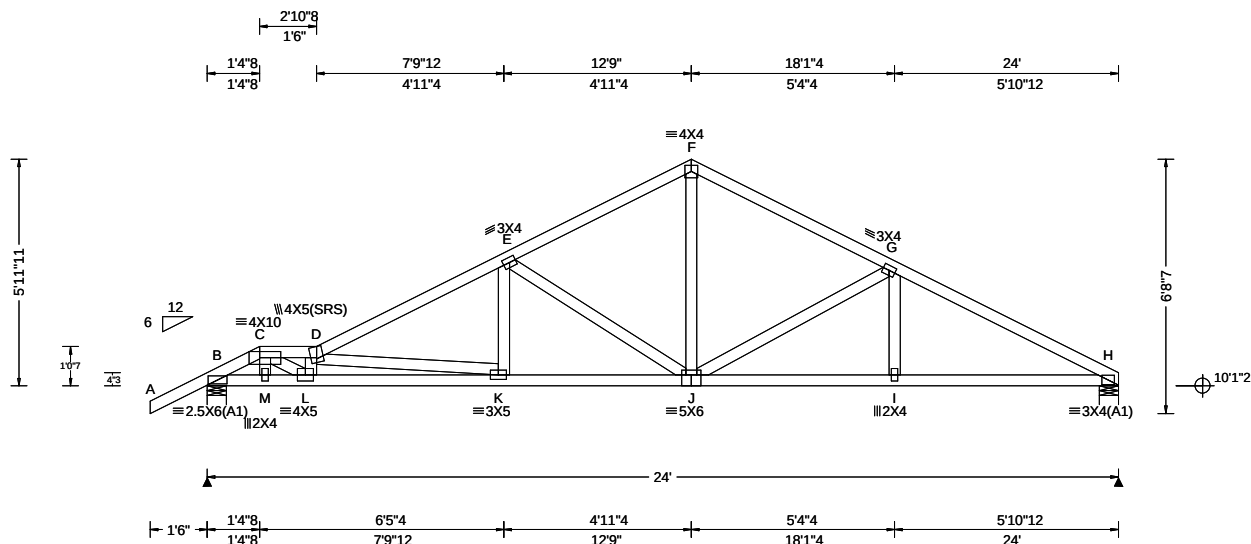


COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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SEQN: 444432 / FROM: CDM	EJAC	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	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

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

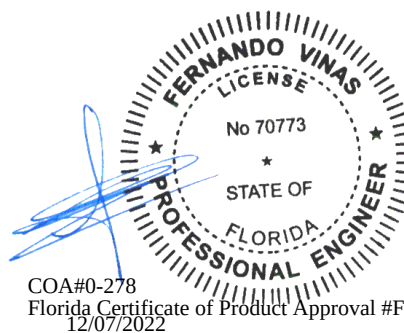
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Wind

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.

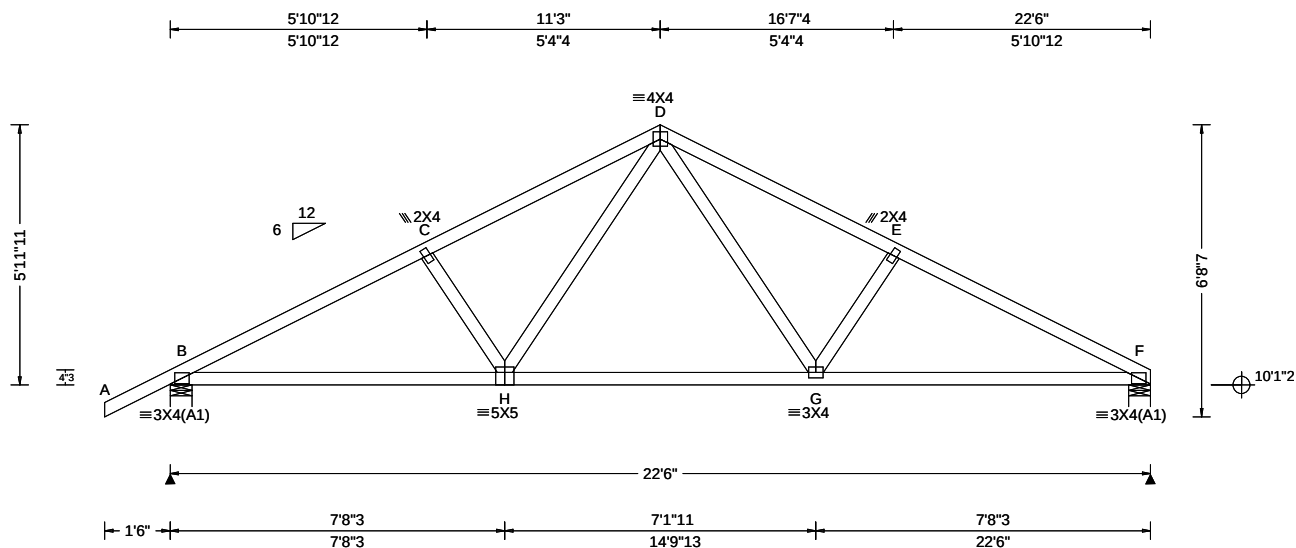


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12/07/2022

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

SEQN: 672756 / FROM: CDM	COMN 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

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

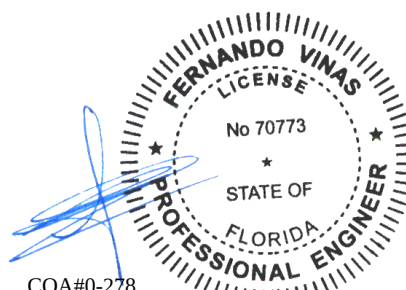
The overall height of this truss excluding overhang is 5-11-11.

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



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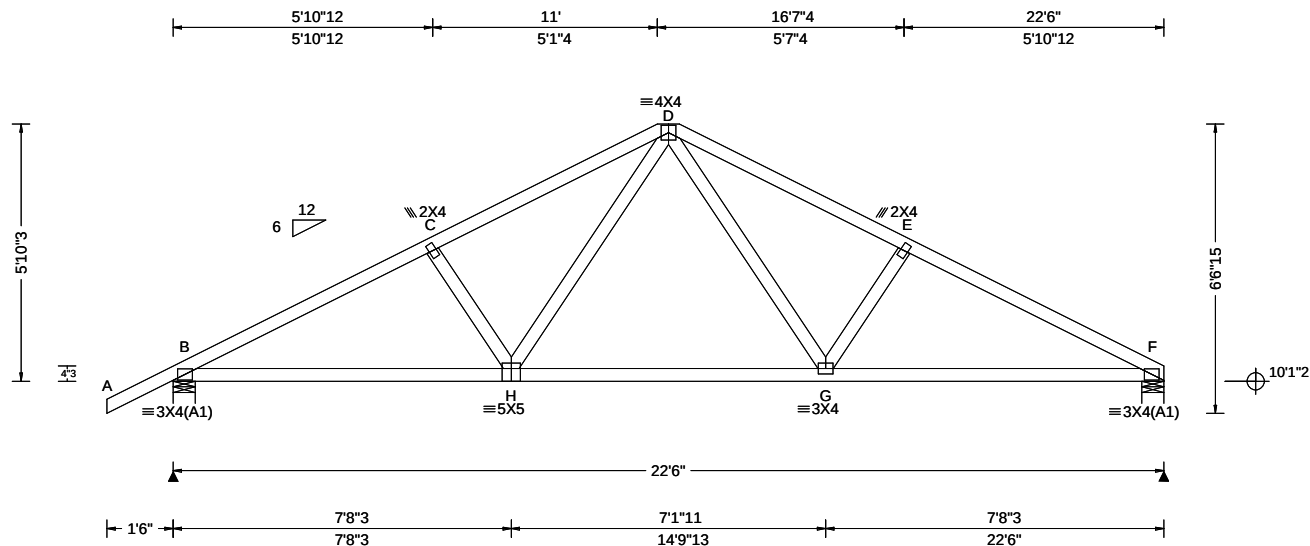
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672753 / FROM: CDM	HIPS Qty: 1	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

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

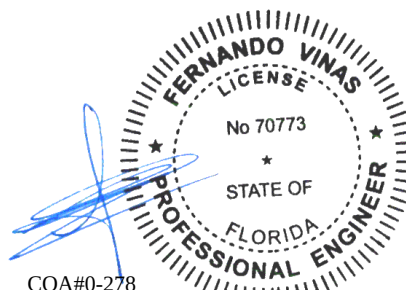
The overall height of this truss excluding overhang is 5-10-3.

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



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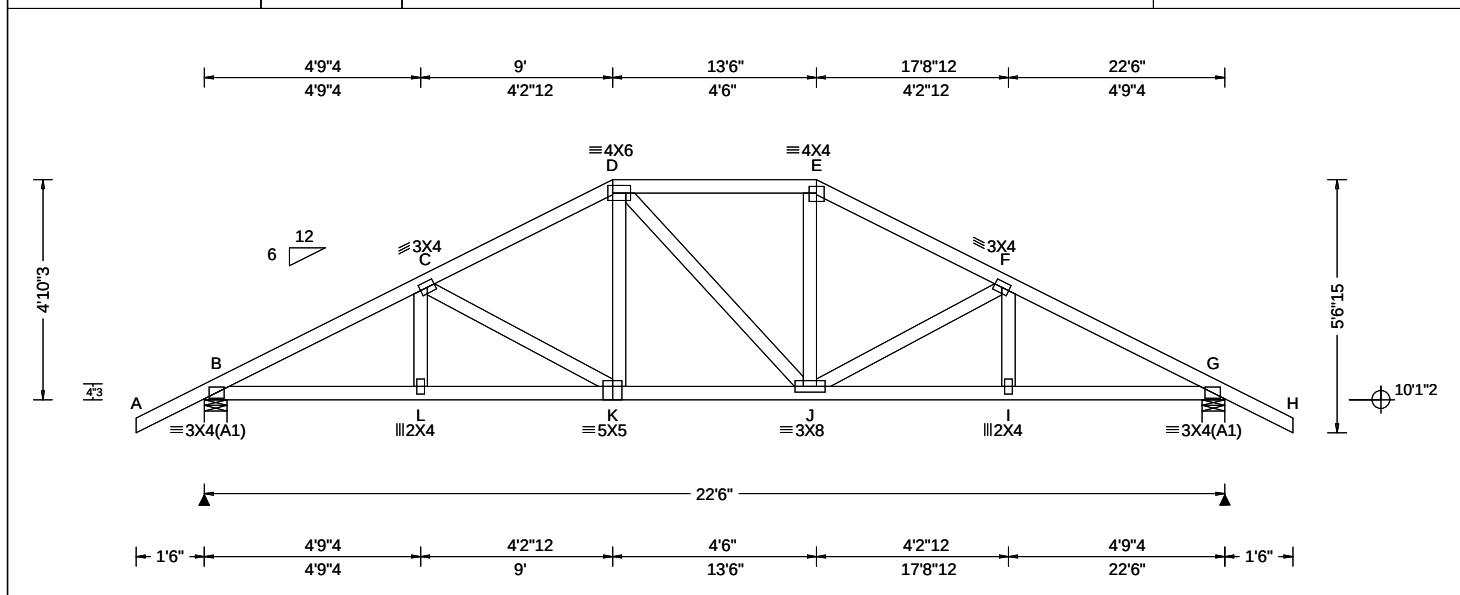
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672750 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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): 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	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

Lumber

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

Purlins

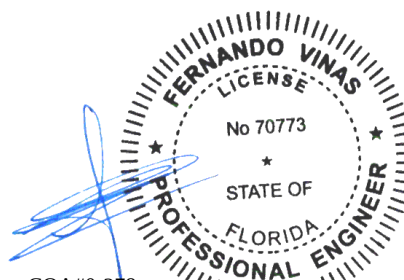
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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".

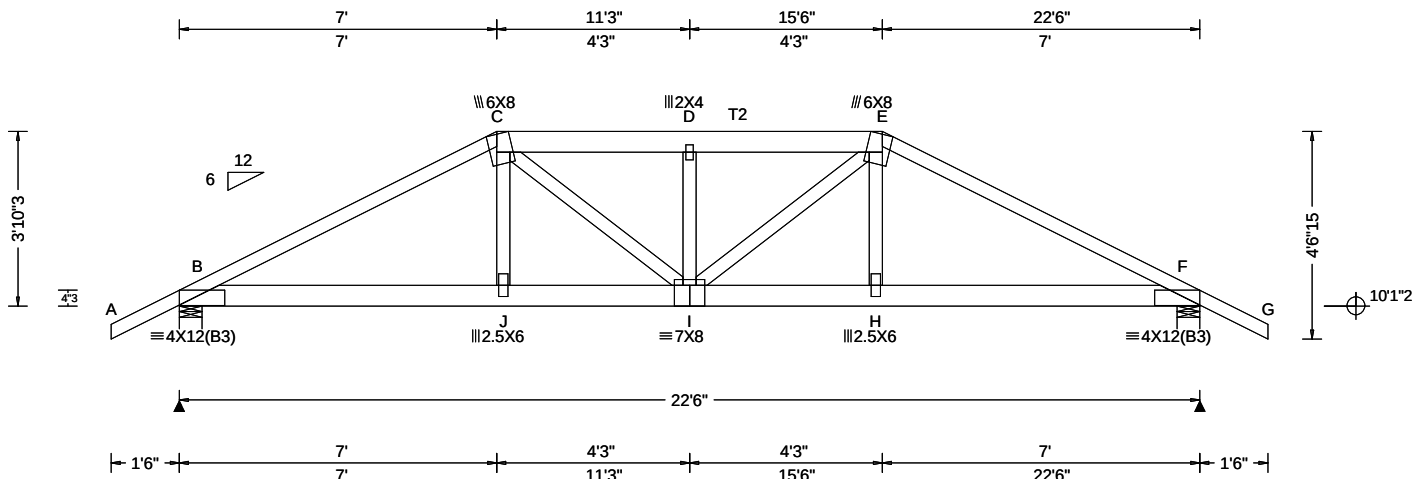


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155 Harlem Ave
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Glenview, IL 60025

SEQN: 444430 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

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

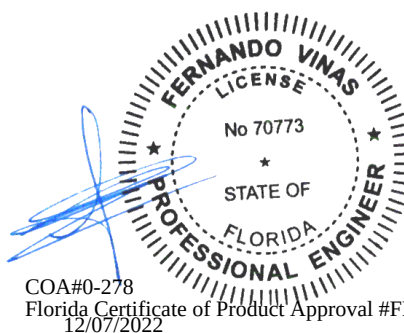
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.



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

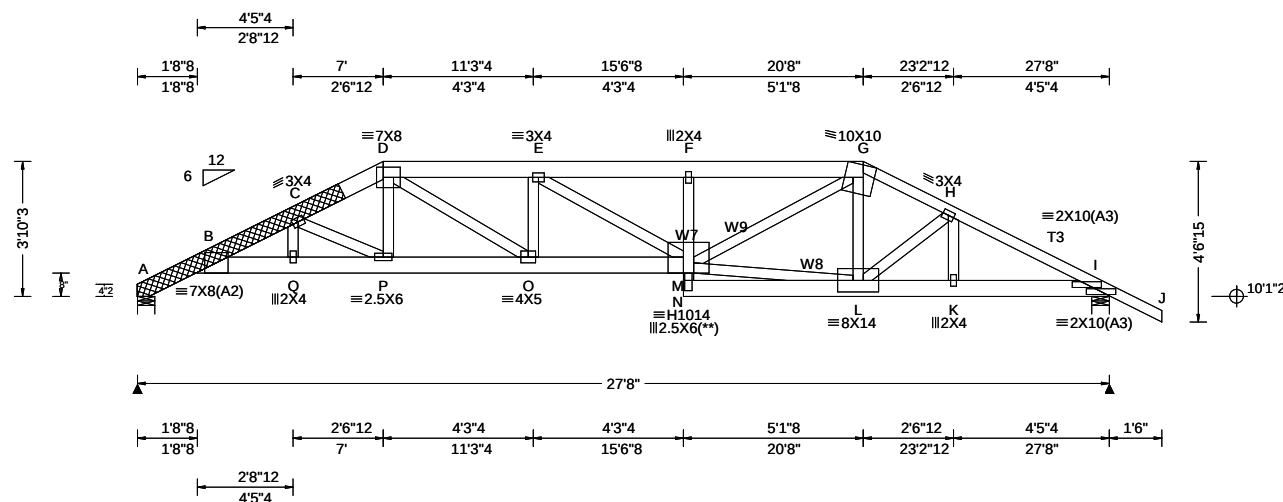
Maximum Web Forces Per Ply (lbs)

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		

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

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
				Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	A	2629	/-	/-	/-	/579	/-
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.169 E 999 240	I	2764	/-	/-	/-	/593	/-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.338 E 966 180	Wind reactions based on MWFRS						
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.086 I - -	A Brg Wid = 6.0 Min Req = 1.5 (Truss)						
Des Ld: 40.00	EXP: C Kzt: 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	HORZ(TL): 0.173 I - -	I Brg Wid = 6.0 Min Req = 1.5 (Truss)						
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	Bearings A & I are a rigid surface.						
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.488	Members not listed have forces less than 375#						
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.248	Maximum Top Chord Forces Per Ply (lbs)						
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.381	Chords Tens.Comp. Chords Tens. Comp.						
	C&C Dist a: 3.00 ft		VIEW Ver: 21.02.01.1214.12	A - B	128	- 583	E - F	869	- 3905	
	Loc. from endwall: not in 4.50 ft									
	GCpi: 0.18									
	Wind Duration: 1.60									

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

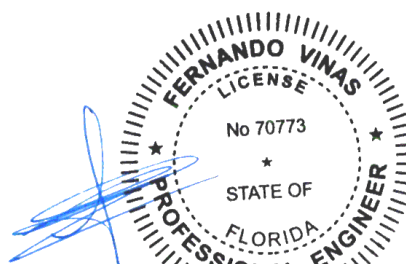
(**) 1 plate(s) require special positioning. Refer to
scaled plate plot details for special positioning
requirements.

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.



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

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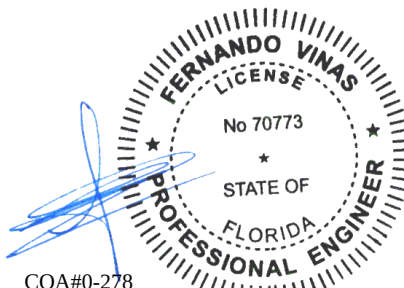


155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

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 2 of 2			Truss Label: G01	KD / FV 12/07/2022

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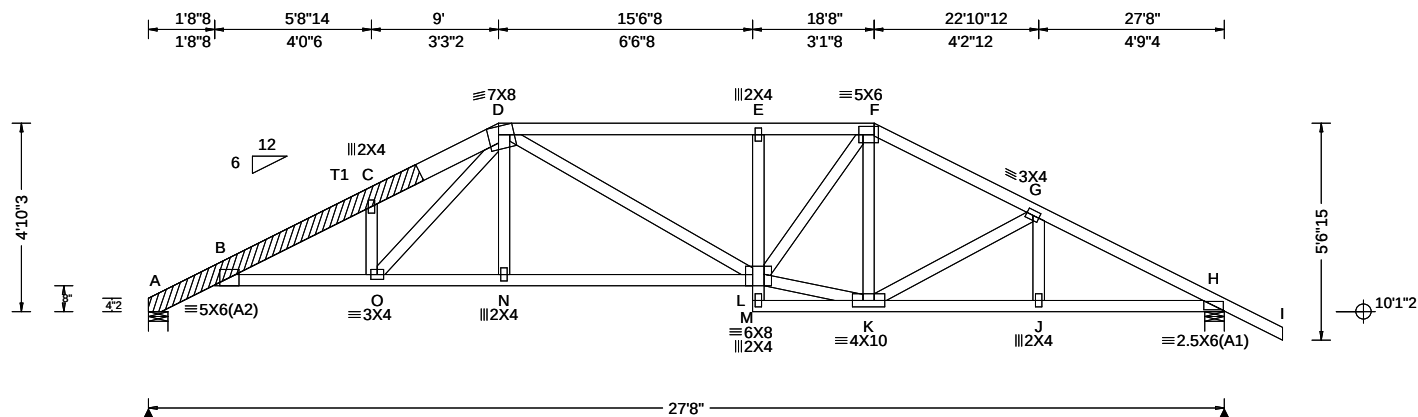
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682491 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

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

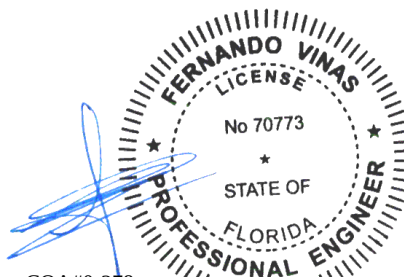
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.

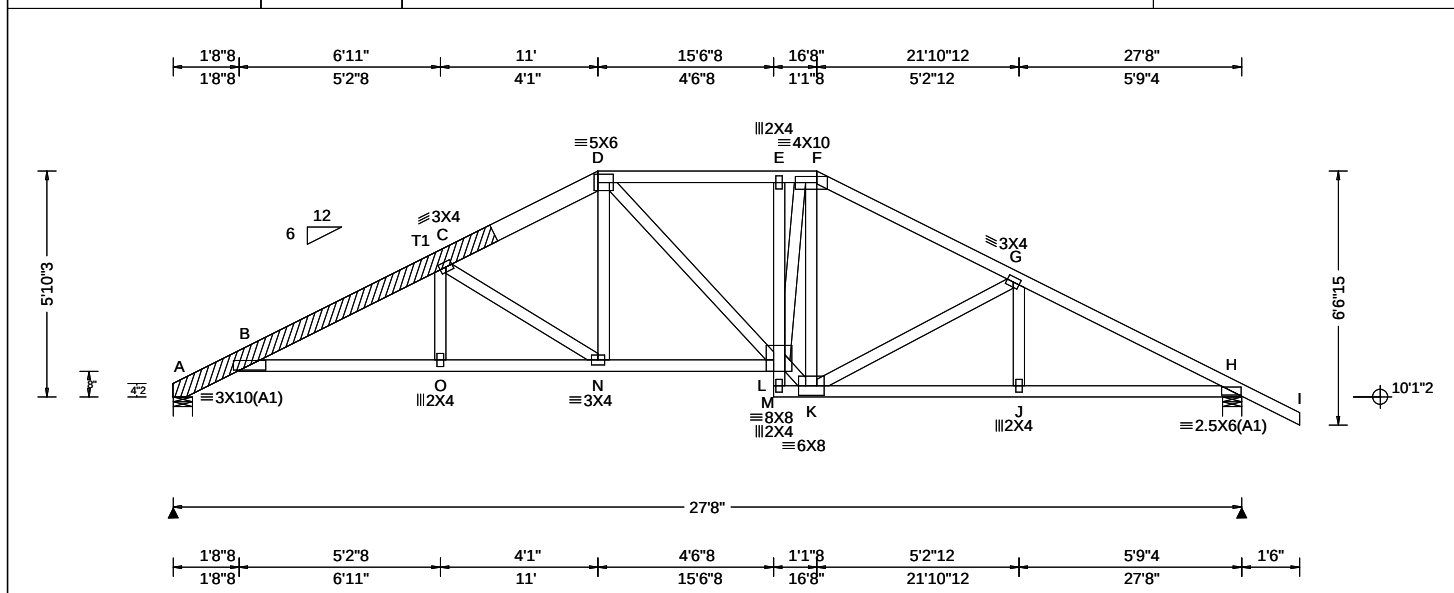


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12/07/2022

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

SEQN: 682476 / FROM: CDM	HIPS Qty: 1	Ply: 1 McCabe Truss Label: G03	Cust: R 215 JRef: 1XLa2150003 T60 DrwNo: 341.22.1105.13540 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

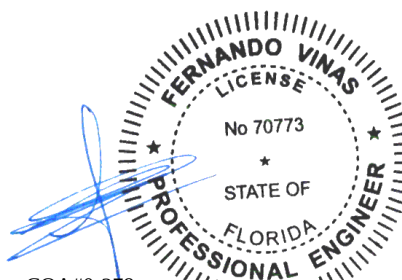
Lumber
Top chord: 2x4 SP #2; T1 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.

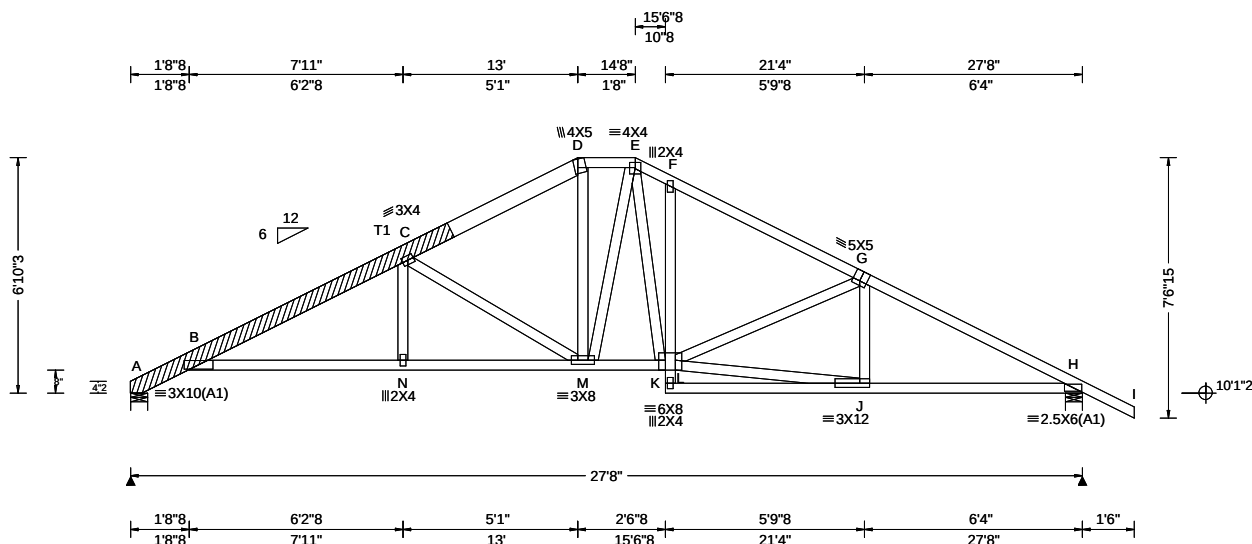


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12/07/2022

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

SEQN: 682479 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

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

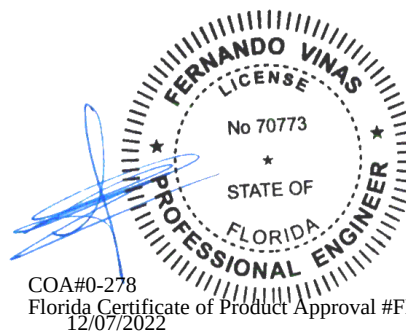
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.

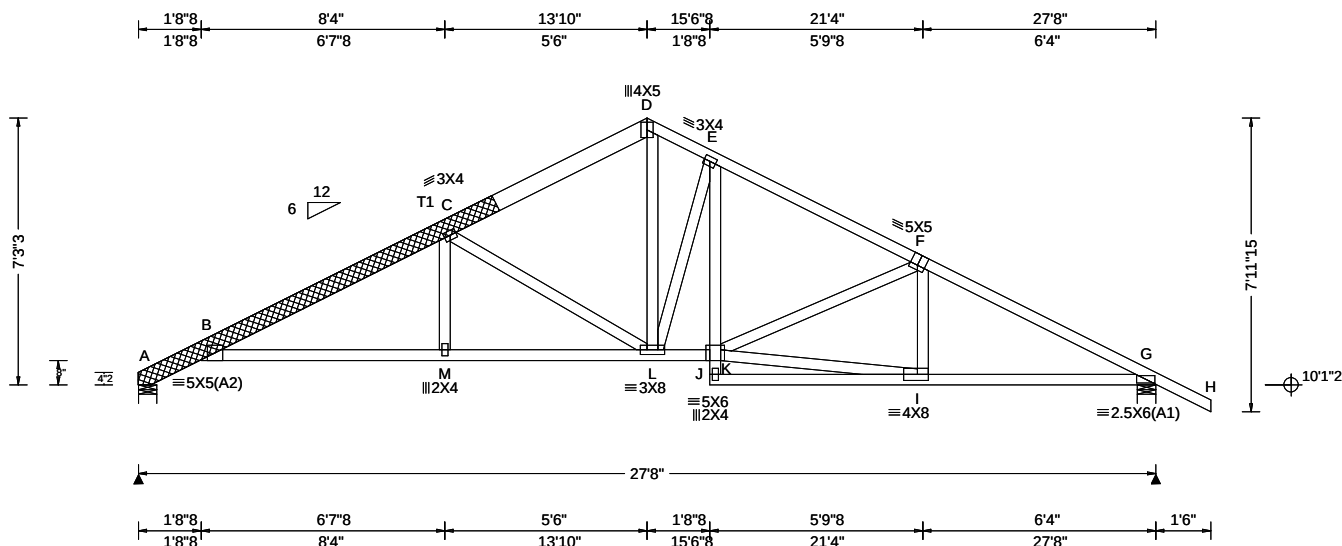


COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 682482 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

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).

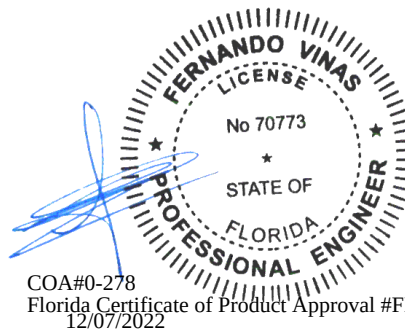
Wind

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.

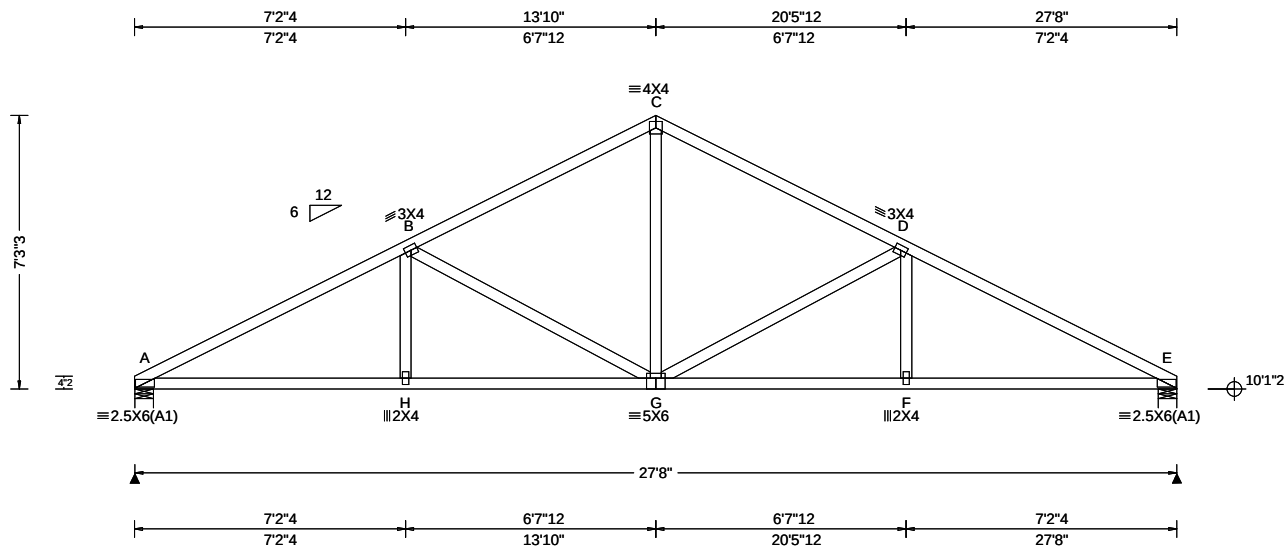


COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 672925 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL A 1139 /- /- /657 /19 /178 E 1139 /- /- /657 /19 /- Non-Gravity 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

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

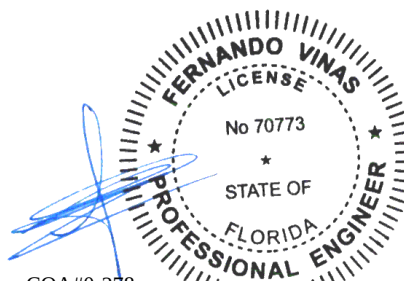
The overall height of this truss excluding overhang is 7-3-3.

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		



COA#0-278

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12/07/2022

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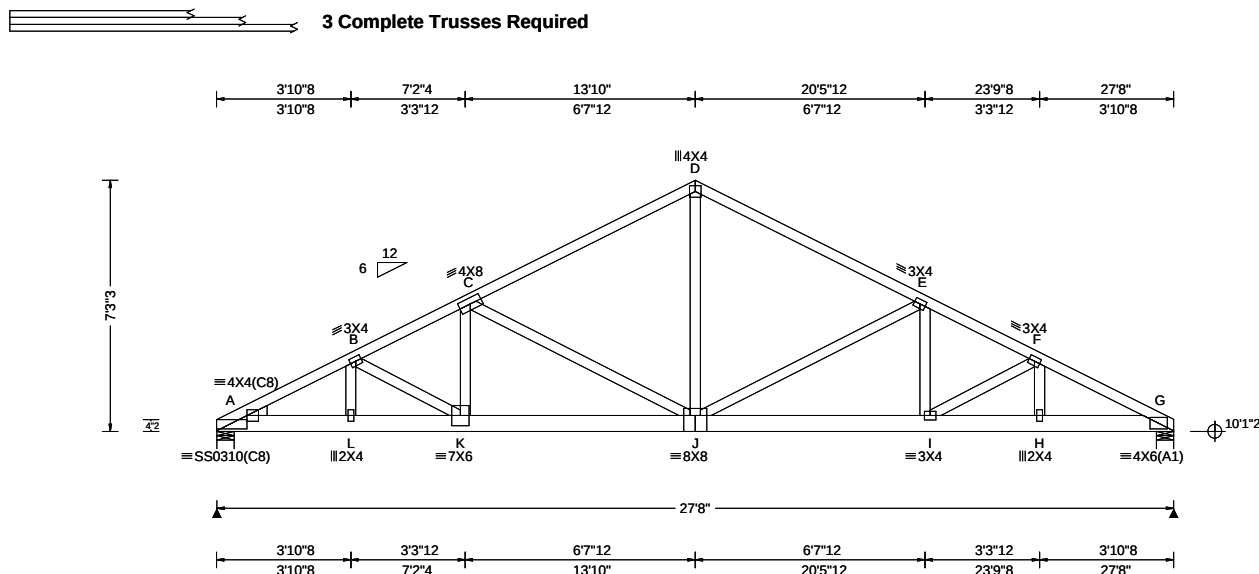
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444428 / FROM: CDM	SPEC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 18SS, WAVE	PP Deflection in loc L/def 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	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

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 8.56 +
BC: 1357 lb Conc. Load at 6.56
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

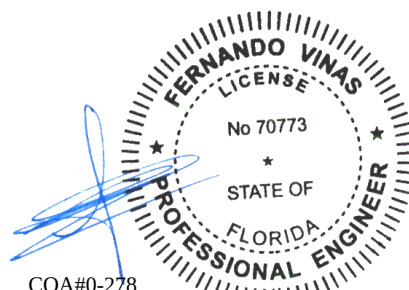
Wind loads and reactions based on MWFRS.
Wind loading based on both gable and hip roof types.

Additional Notes

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

+ 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

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

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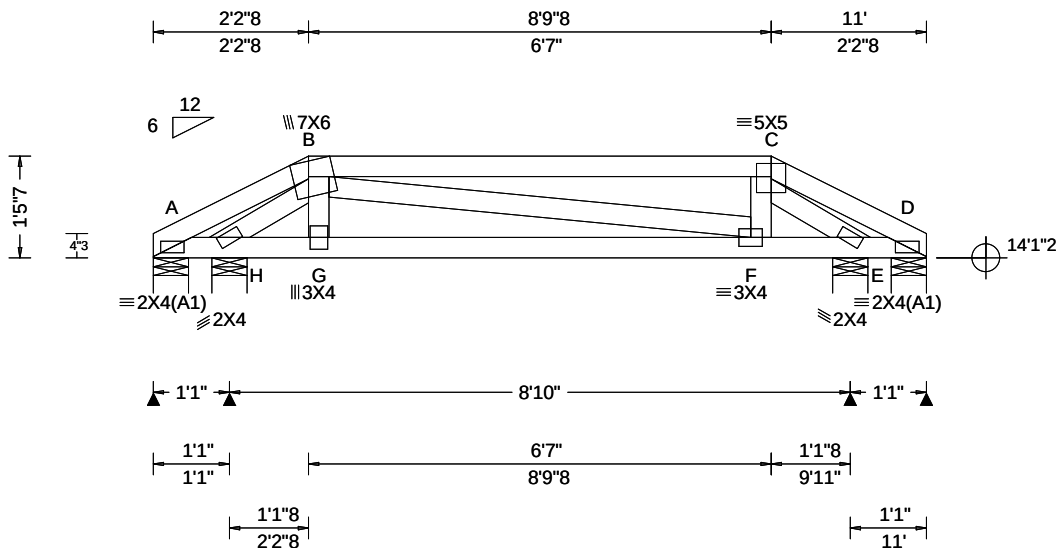
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444438 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	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#

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

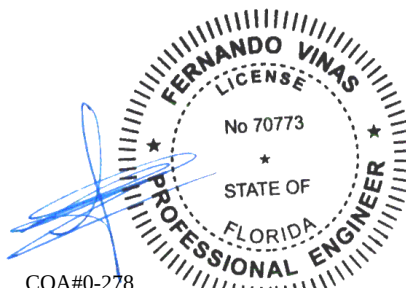
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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
15-7.



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

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		

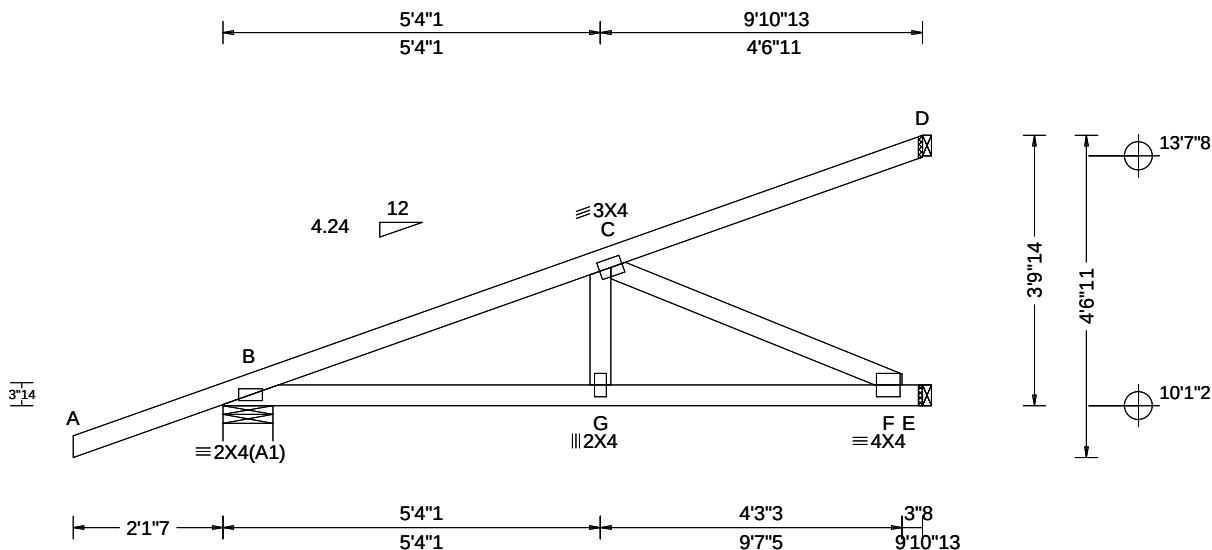
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
H - B	89 - 1685	F - C	869 0
B - G	876 0	C - E	93 - 1725

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

SEQN: 682452 / FROM: CDM	HIP_	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	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.

Lumber

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

Loading

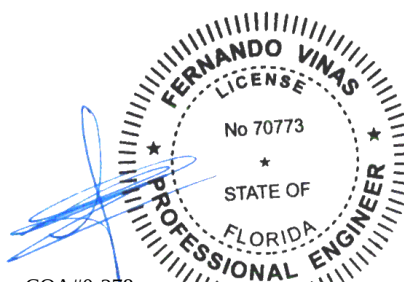
Hipjack supports 7-0-0 setback jacks with no webs.

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.

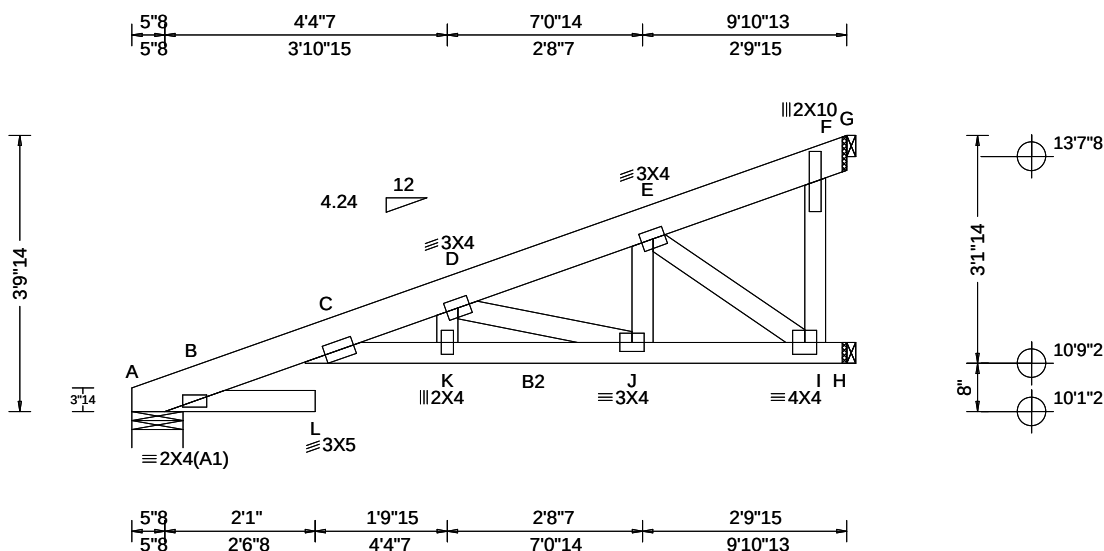


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Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 451695 FROM: CDM	HIP_	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL A 350 /- /- /- /55 /- H 217 /- /- /- /53 /- G 411 /- /- /- /53 /- Non-Gravity 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.

Lumber

Top chord: 2x6 SP 2400F-2.0E;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3;

Loading

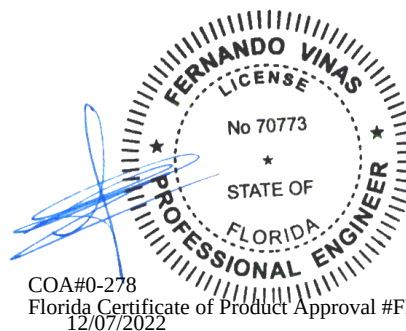
Hipjack supports 7-0-0 setback jacks with no webs.

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.

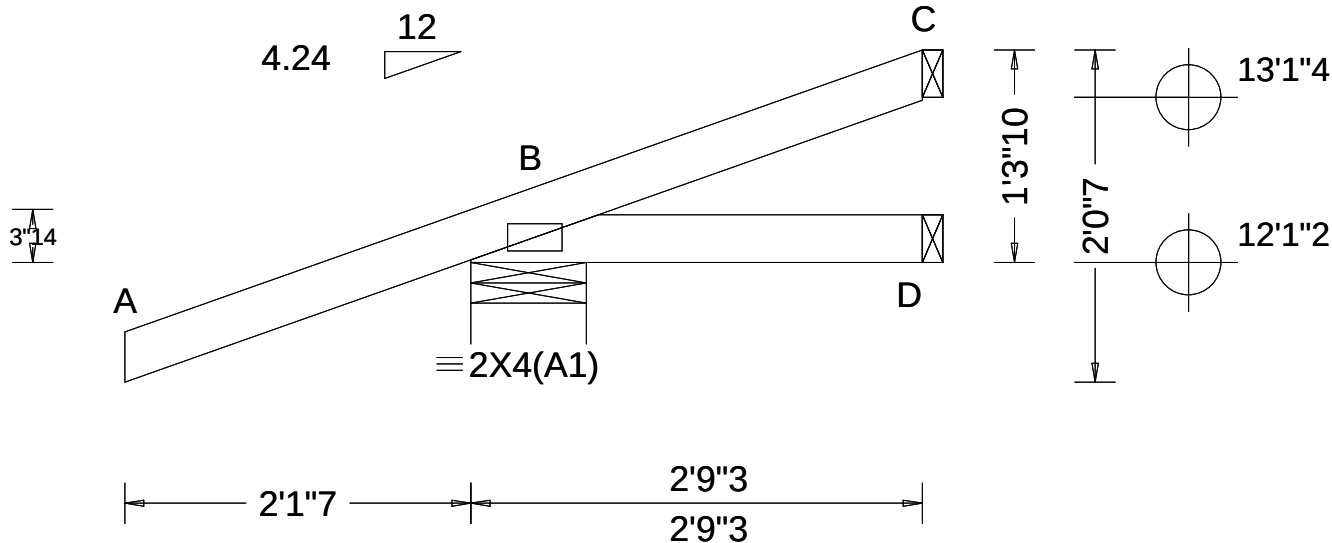


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12/07/2022

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

SEQN: 444426 / FROM: CDM	HIP_	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	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	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

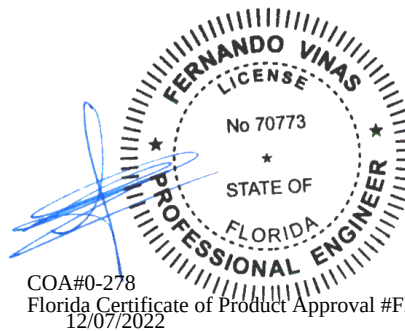
Hipjack supports 1-11-8 setback jacks with no webs.

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.



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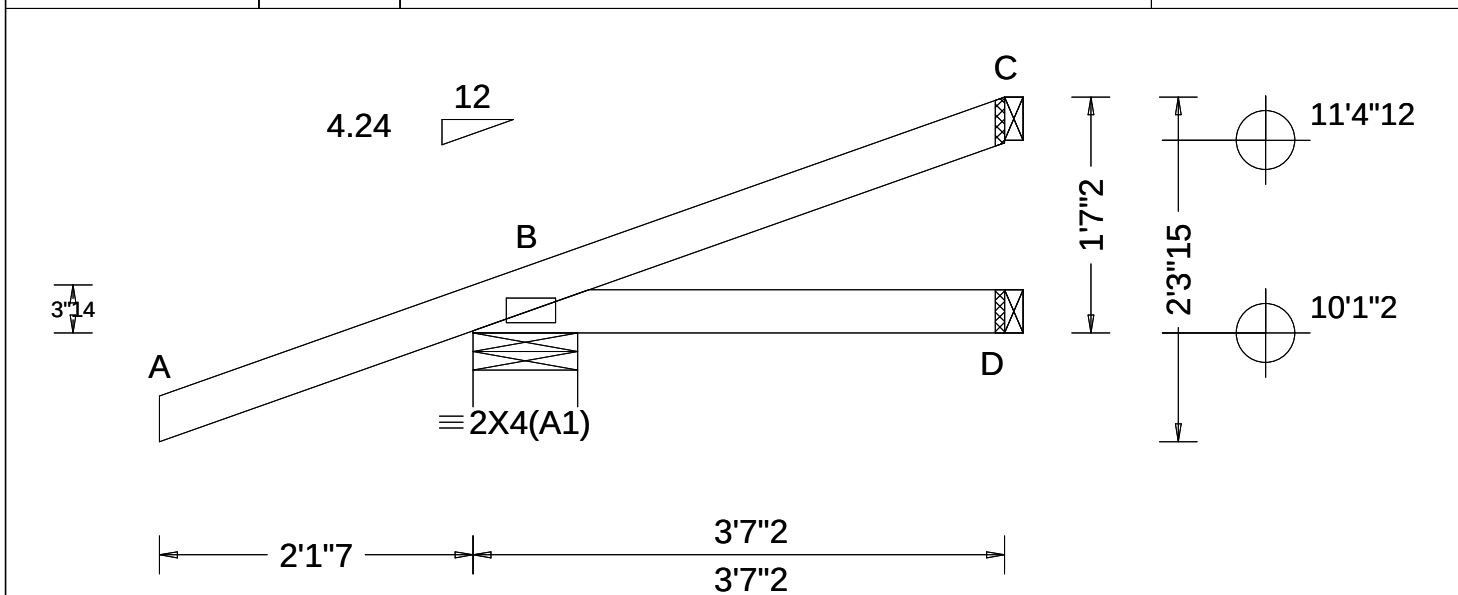
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SEQN: 444406 / FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 22-8269 McCabe Truss Label: HJ03	Cust: R 215 JRef: 1XLa2150003 T74 / DrwNo: 341.22.1105.10243 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.002 B - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.348 Max BC CSI: 0.091 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1214.12	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

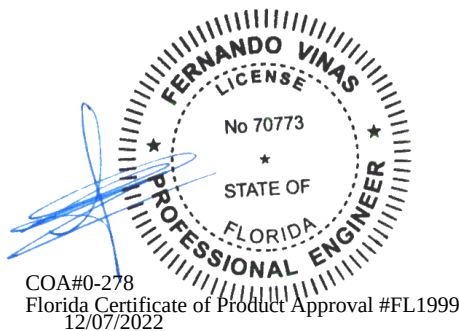
Hipjack supports 2-6-8 setback jacks with no webs.

Wind

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

Additional Notes

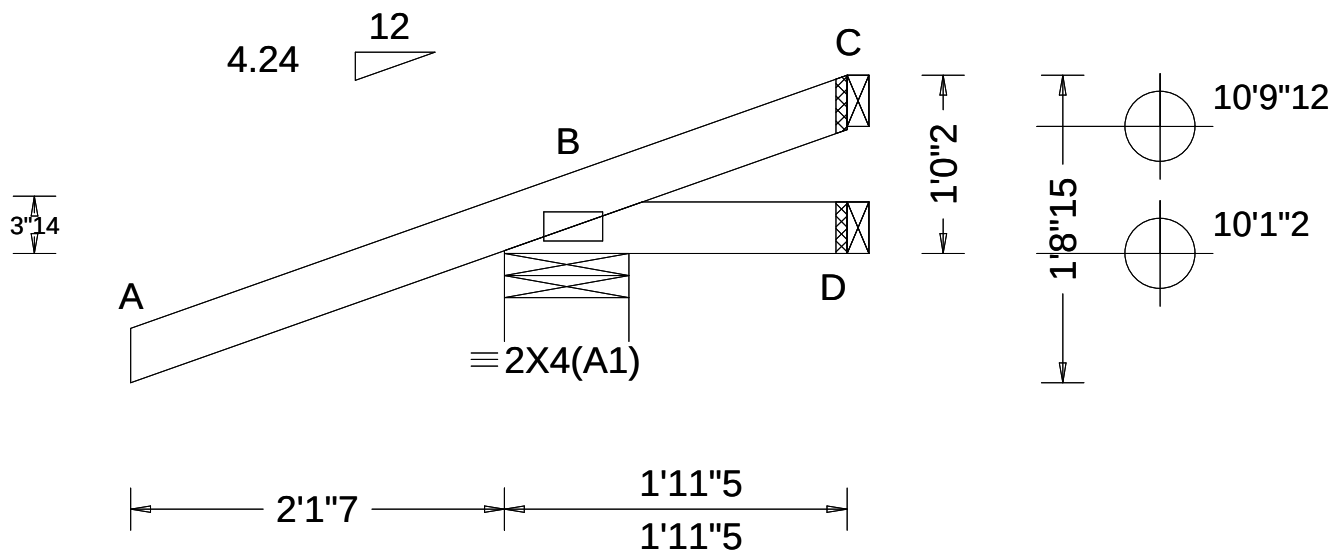
The overall height of this truss excluding overhang is 1'-7-2.



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
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SEQN: 444410 / FROM: CDM	HIP_	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 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	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

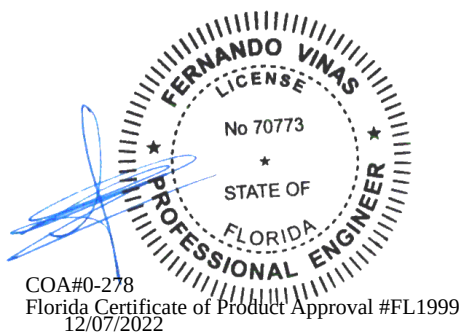
Hipjack supports 1-4-8 setback jacks with no webs.

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.



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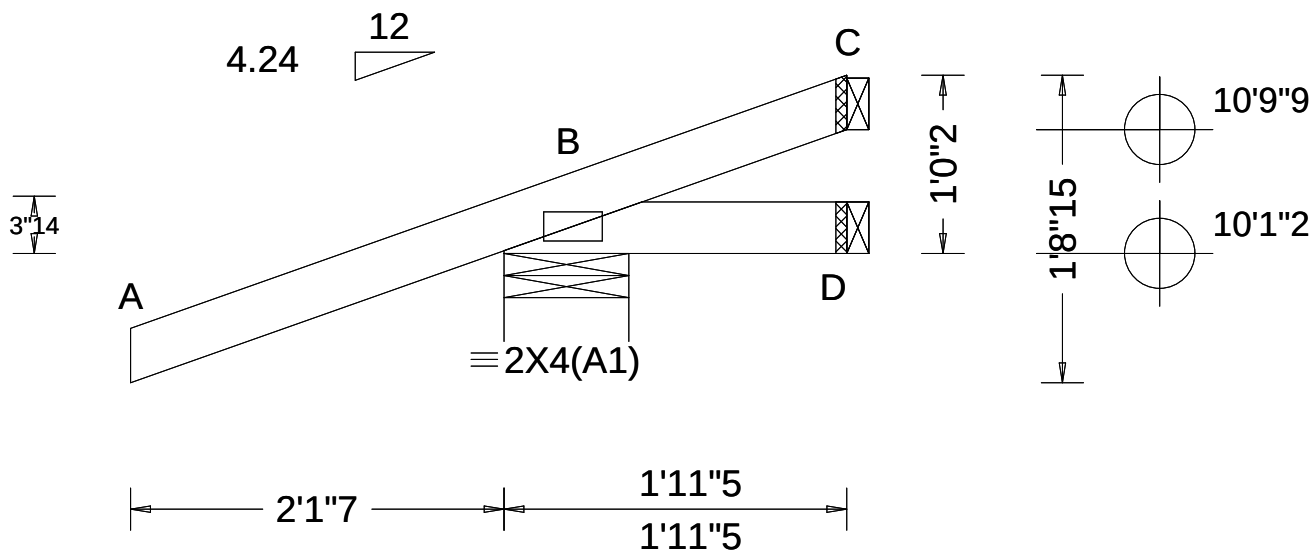
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SEQN: 444384 / FROM: CDM	HIP_ Qty: 1	Ply: 1 McCabe Truss Label: HJ05	Job Number: 22-8269 Cust: R 215 JRef: 1XLa2150003 T103 DrwNo: 341.22.1105.12102 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 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	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

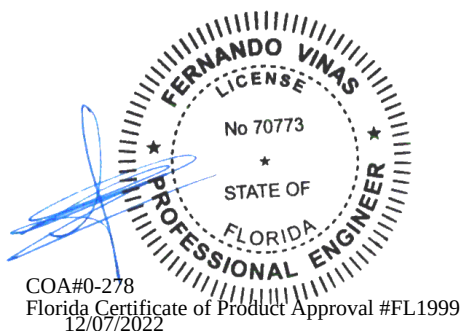
Hipjack supports 1-4-8 setback jacks with no webs.

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.



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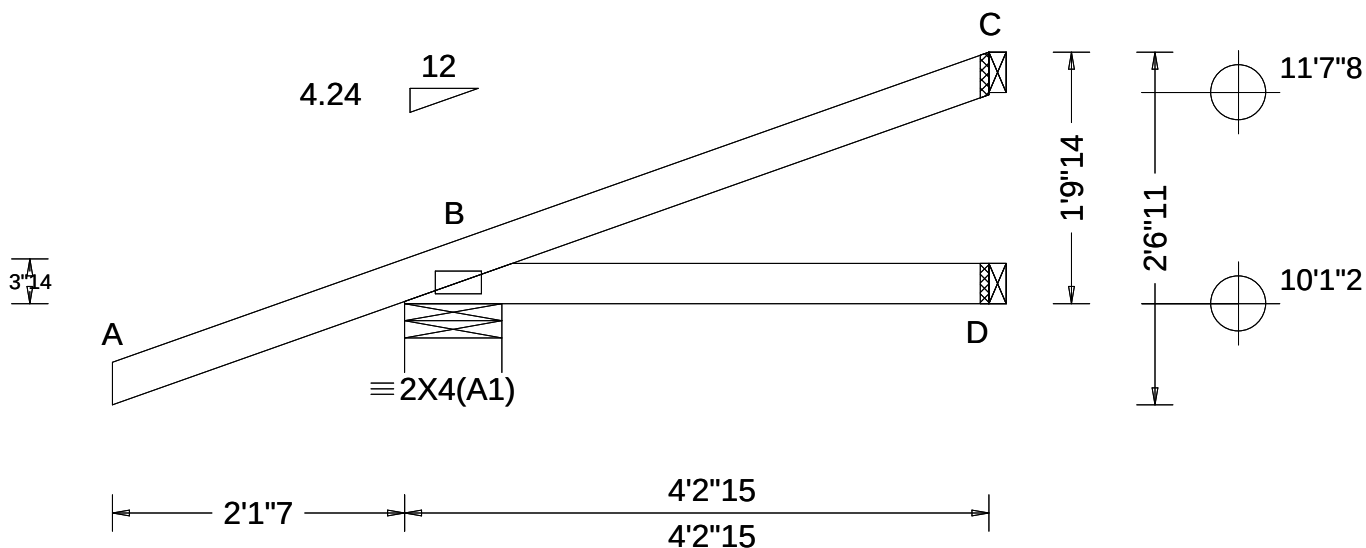
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SEQN: 682725 / FROM: CDM	HIP_	Ply: 1 Qty: 2	Job Number: 22-8269 McCabe Truss Label: HJ06	Cust: R 215 JRef: 1XLa2150003 T102 DrwNo: 341.22.1105.13086 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	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	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

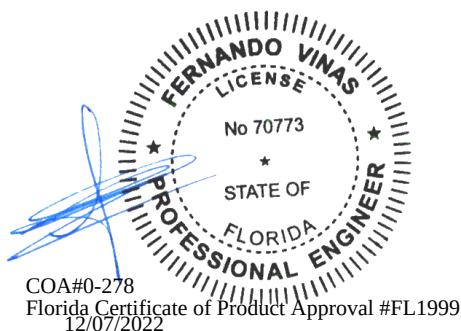
Hipjack supports 3-0-0 setback jacks with no webs.

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.



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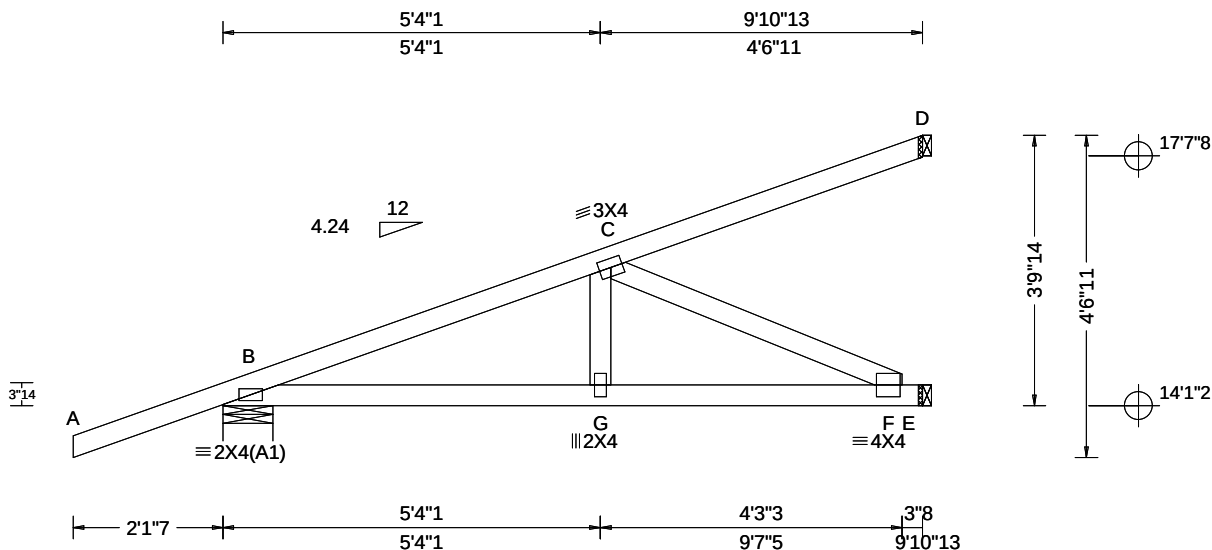
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SEQN: 444412 / FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 22-8269 McCabe Truss Label: HJ07	Cust: R 215 JRef: 1XLa2150003 T23 / DrwNo: 341.22.1105.11696 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	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.

Lumber

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

Loading

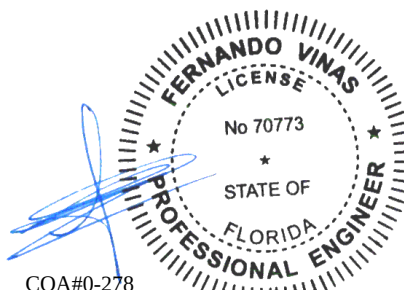
Hipjack supports 7-0-0 setback jacks with no webs.

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.

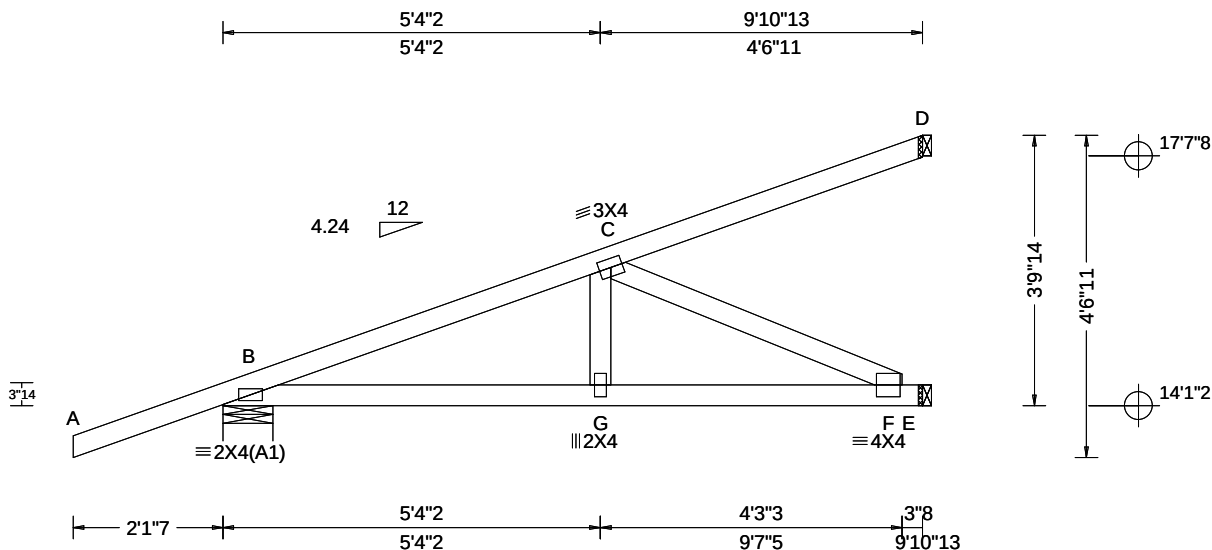


COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 444418 / FROM: CDM	HIP_	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

Lumber

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

Loading

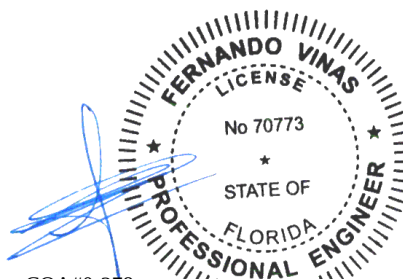
Hipjack supports 7-0-0 setback jacks with no webs.

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.

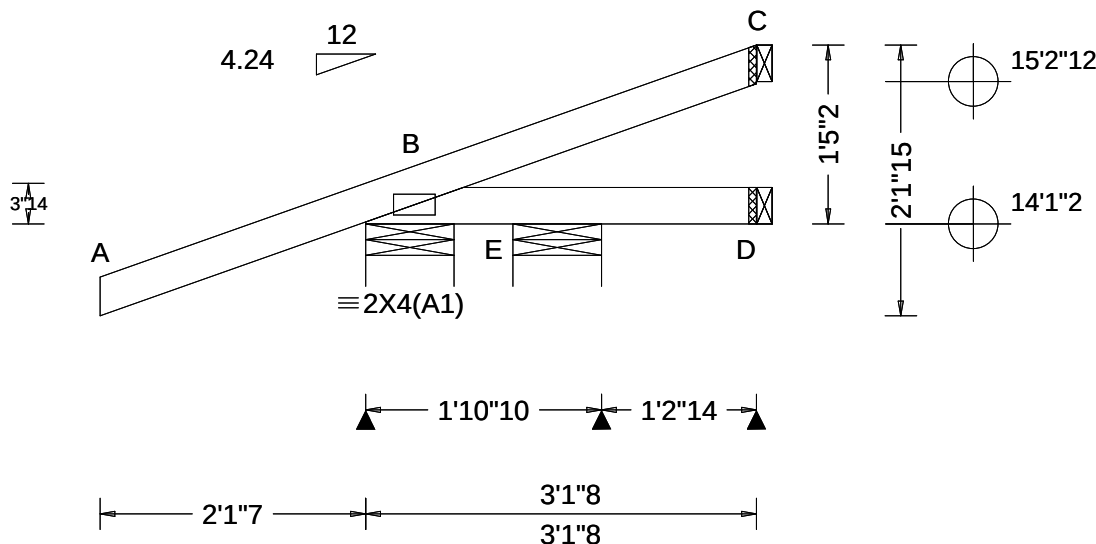


COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 444414 / FROM: CDM	HIP_	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

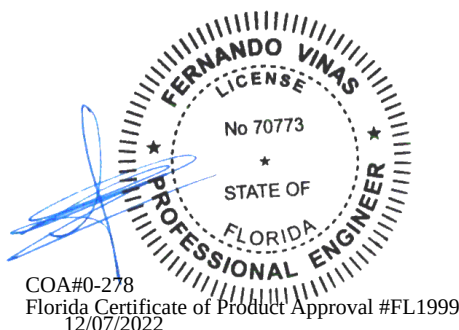
Hipjack supports 2-2-8 setback jacks with no webs.

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.



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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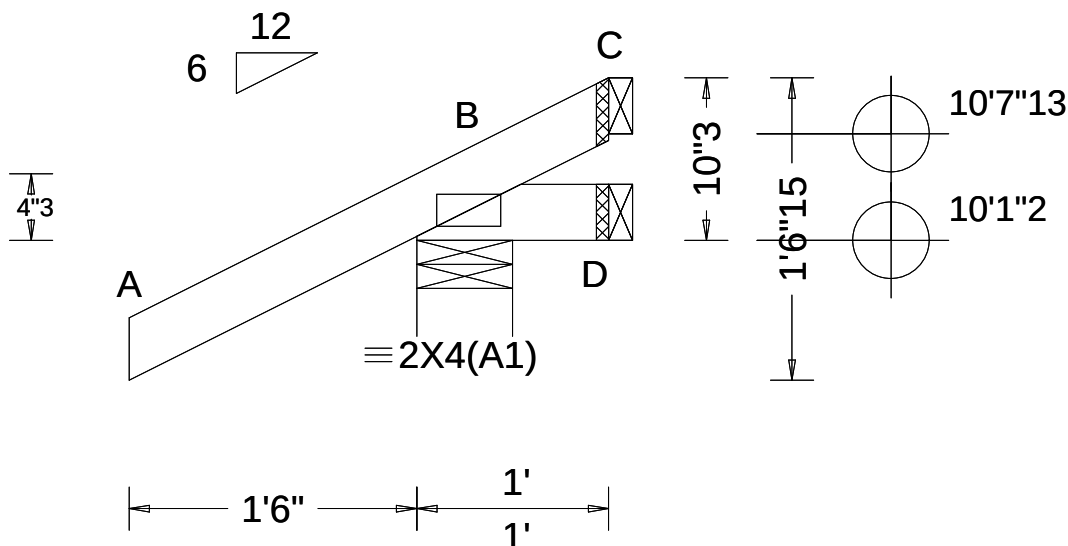
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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.

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SEQN: 672770 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: 0.035 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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;

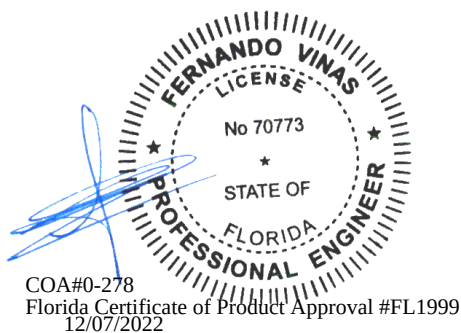
Wind

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.



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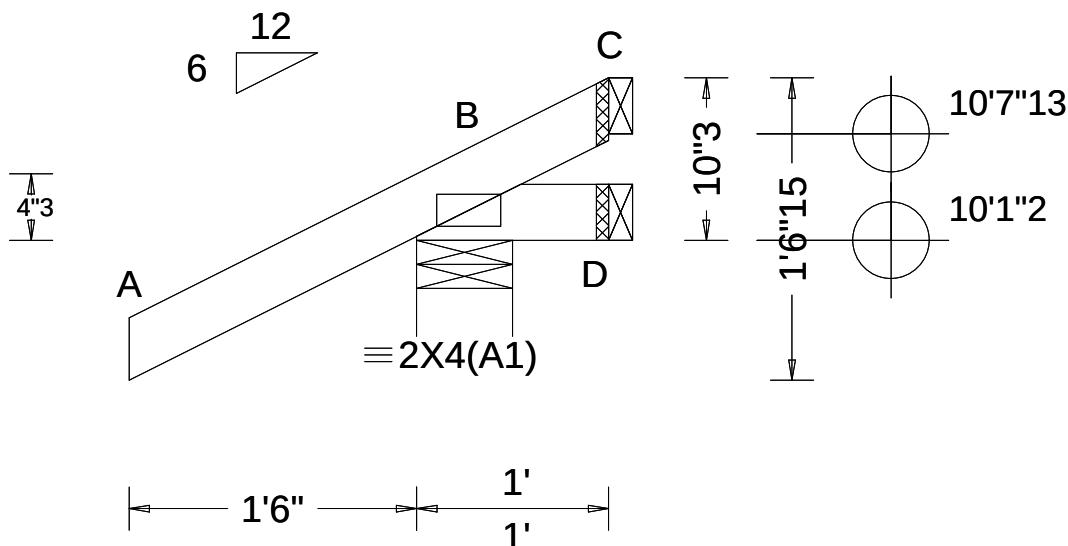
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SEQN: 682731 / FROM: CDM	JACK Ply: 1 Qty: 16	Job Number: 22-8269 McCabe Truss Label: J01	Cust: R 215 JRef: 1XLa2150003 T14 / DrwNo: 341.22.1105.10289 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: 0.035 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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

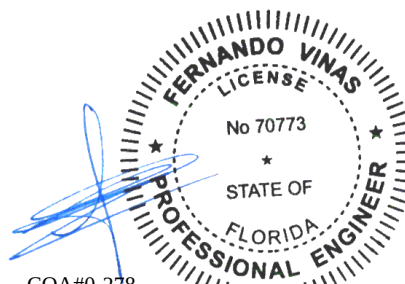
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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

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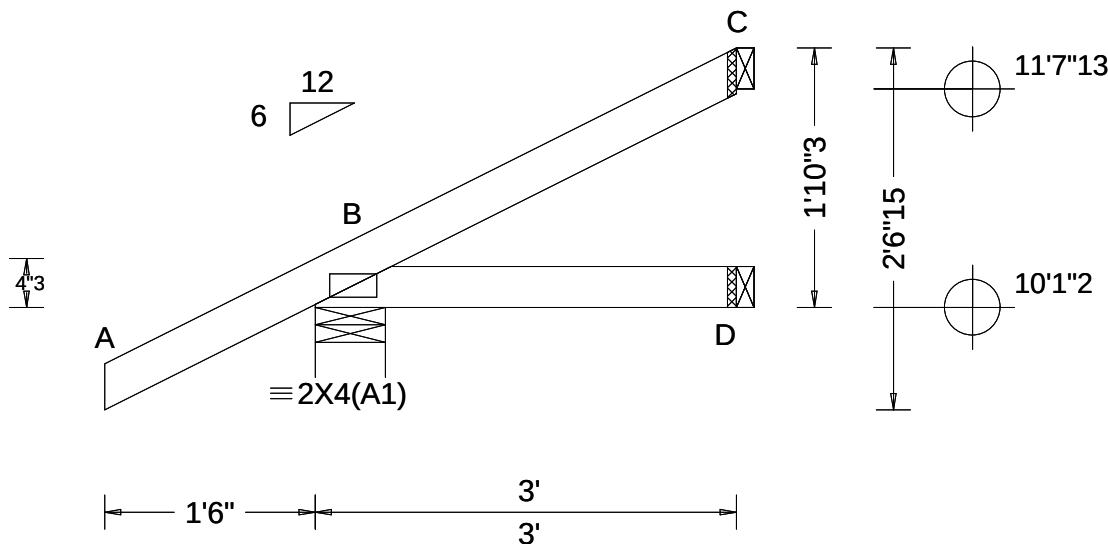
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682733 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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): 0.001 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	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

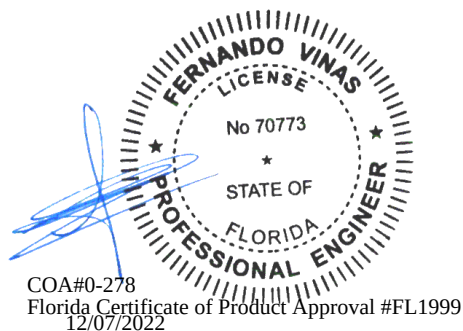
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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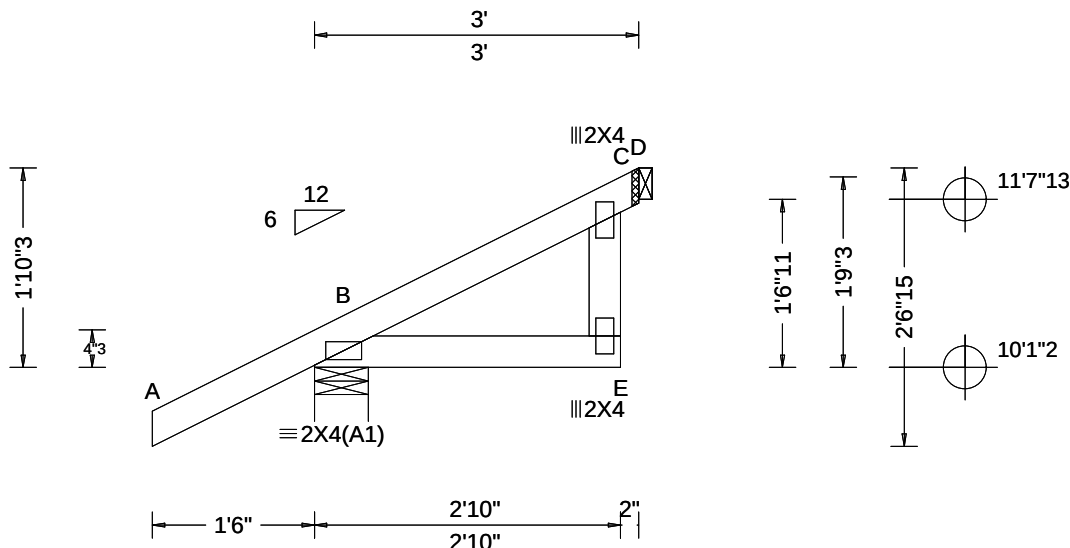
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SEQN: 682735 / FROM:	JACK Ply: 1 Qty: 2	Job Number: 22-8269 McCabe Truss Label: J02A	Cust: R 215 JRef: 1XLa2150003 T69 DrwNo: 341.22.1105.13601 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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

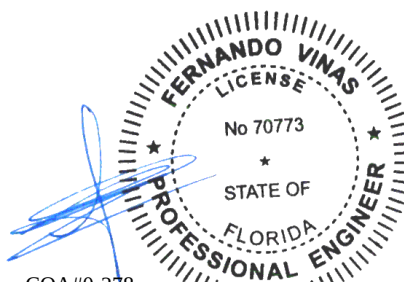
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 11-10-3.



COA#0-278

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

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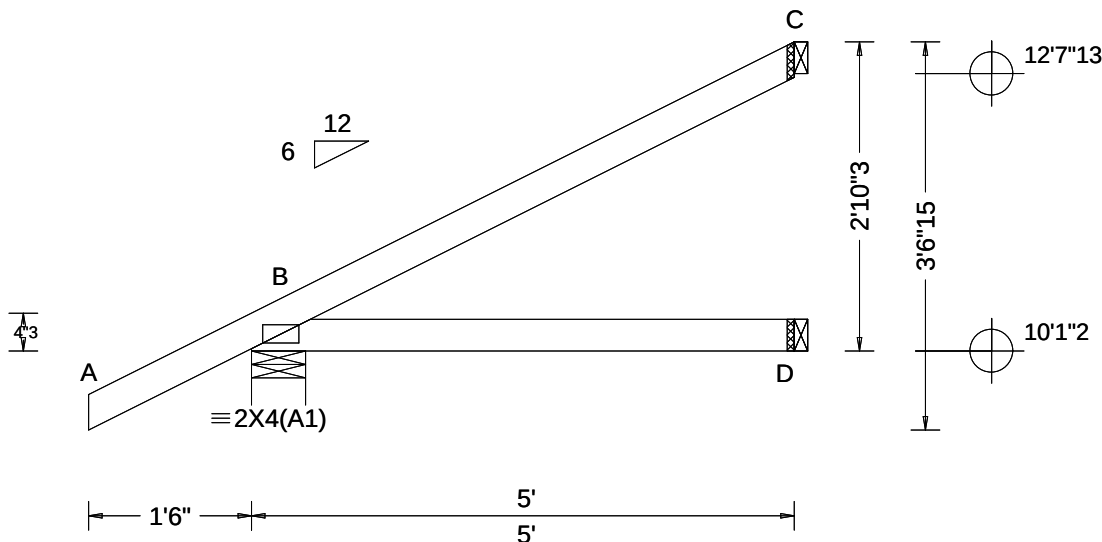
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682737 / FROM: CDM	JACK Qty: 10	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 0.004 B - - HORZ(TL): 0.008 B - - Creep Factor: 2.0 Max TC CSI: 0.316 Max BC CSI: 0.233 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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;

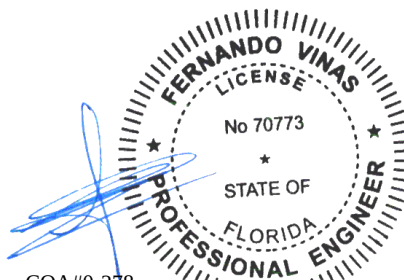
Wind

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.



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

The diagram illustrates a structural analysis problem involving a truss system. The members are labeled AB, BC, CD, DE, BE, and BD. The dimensions provided are as follows:

- Horizontal Dimensions:**
 - Span from left support to point B: $2'10''$
 - Span from point B to point C: $2'10''$
 - Span from point C to point D: $5'$
 - Total horizontal span: $4'10''$
- Vertical Dimensions:**
 - Height from ground to point B: $2'10''3$
 - Height from ground to point C: $2'2''3$
 - Height difference between points C and D: $8''$
- Slope Triangle for Member BC:**
 - Vertical side: 6
 - Horizontal side: 12
 - Hypotenuse: 13
- Support Conditions:**
 - Point A: Pin support.
 - Point B: Roller support.
 - Point C: Roller support.
 - Point D: Pin support.
 - Point E: Pin support.
- Member Labels:**
 - Member AB: $\equiv 2 \times 4(A1)$
 - Member BC: $\equiv 2 \times 4$
 - Member CD: $\equiv 2 \times 4$
 - Member DE: $\equiv 3 \times 4$
 - Member BE: $\equiv 2 \times 4$
 - Member BD: $\equiv 2 \times 4$

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.	
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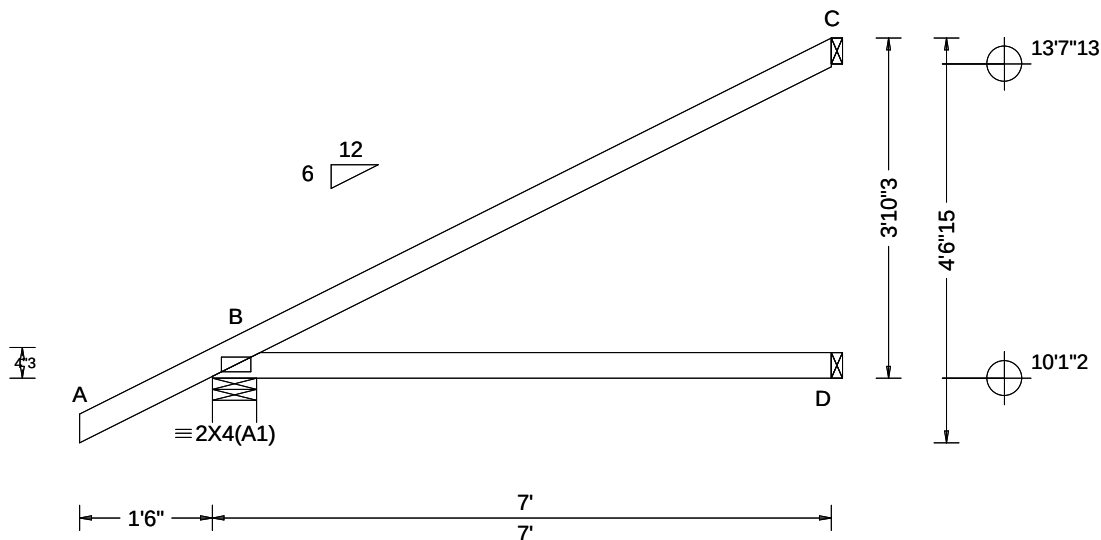
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SEQN: 682741 / FROM: CDM	EJAC Ply: 1 Qty: 25	Job Number: 22-8269 McCabe Truss Label: J04	Cust: R 215 JRef: 1XLa2150003 T15 / DrwNo: 341.22.1105.11664 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 0.014 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	Gravity Loc R+ / R- / Rh / Rw / U / RL 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

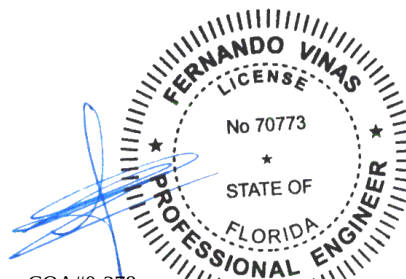
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

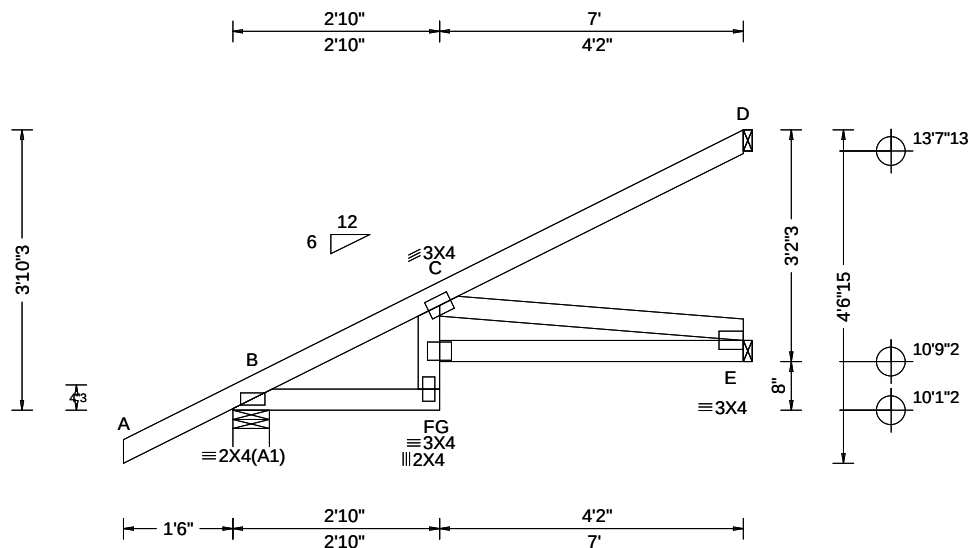
****IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682743 / FROM:	EJAC	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def L/# VERT(LL): 0.027 F 999 240 VERT(CL): 0.055 F 999 180 HORZ(LL): 0.015 E - - HORZ(TL): 0.030 E - - Creep Factor: 2.0 Max TC CSI: 0.290 Max BC CSI: 0.303 Max Web CSI: 0.757 VIEW Ver: 21.02.01.1216.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

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.

B - C 83 -383

Maximum Bot Chord Forces Per Ply (lbs)

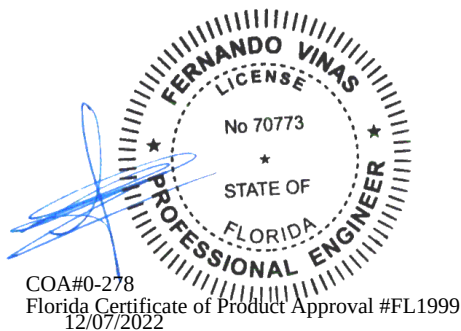
Chords Tens.Comp.

F - E 568 -438

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

C - E 441 -572



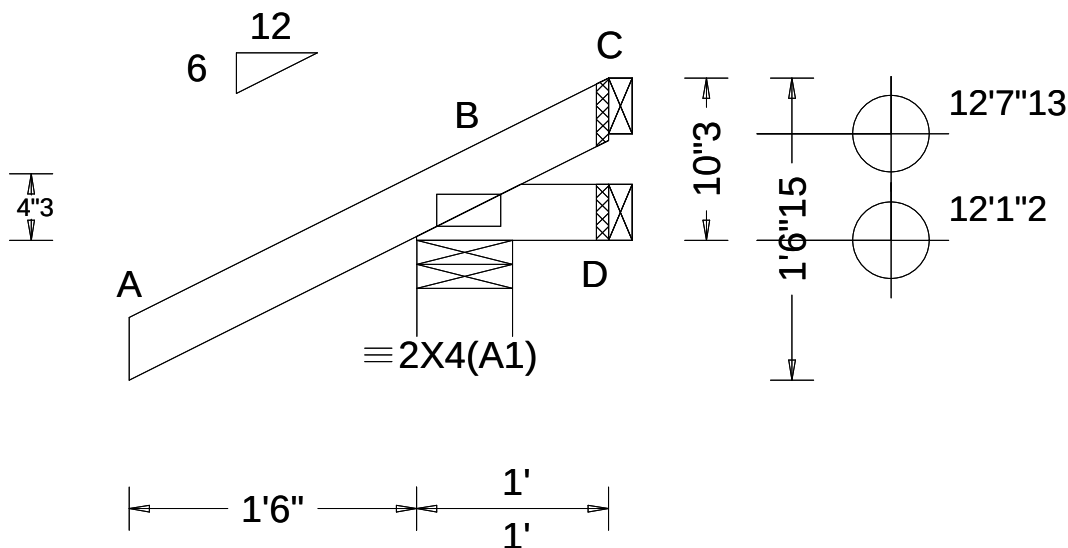
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 673172 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: 0.249 Max BC CSI: 0.035 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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

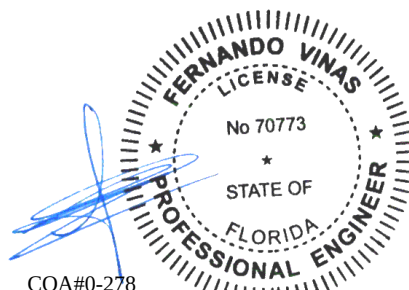
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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

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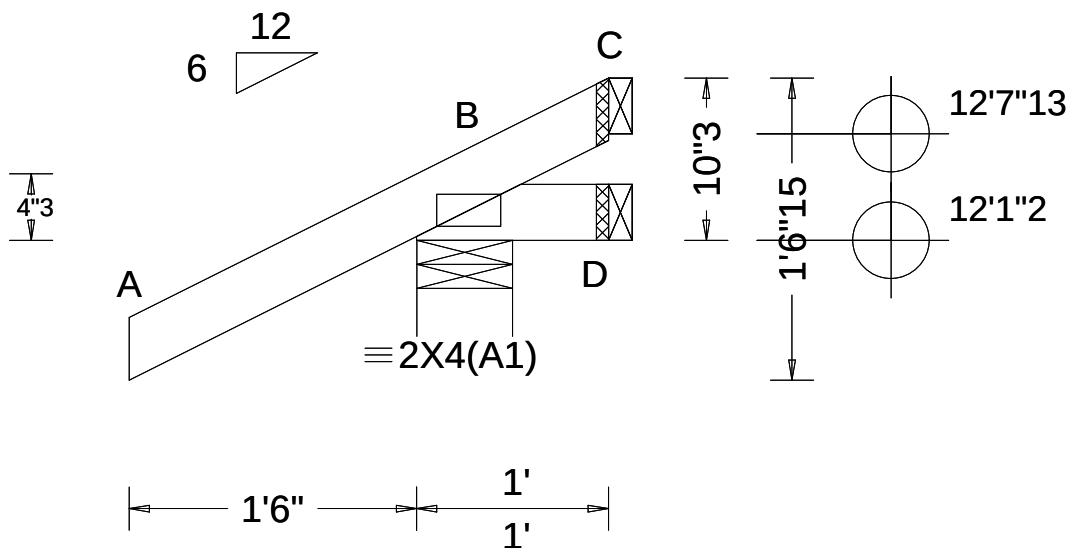
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673174 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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

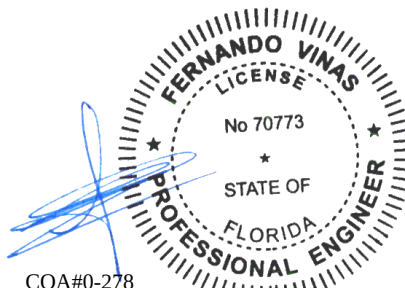
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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

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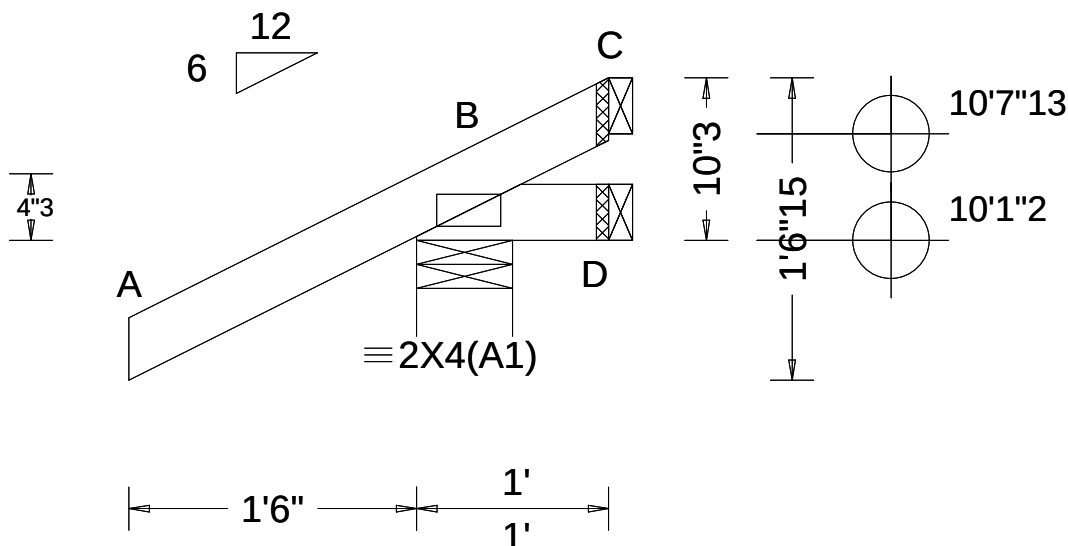
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672772 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: 0.035 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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

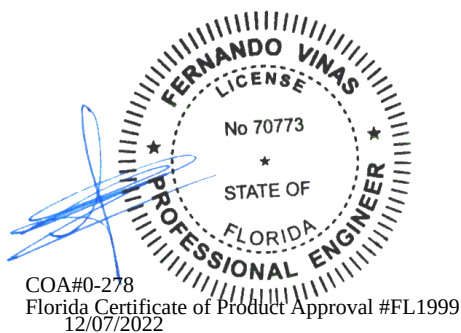
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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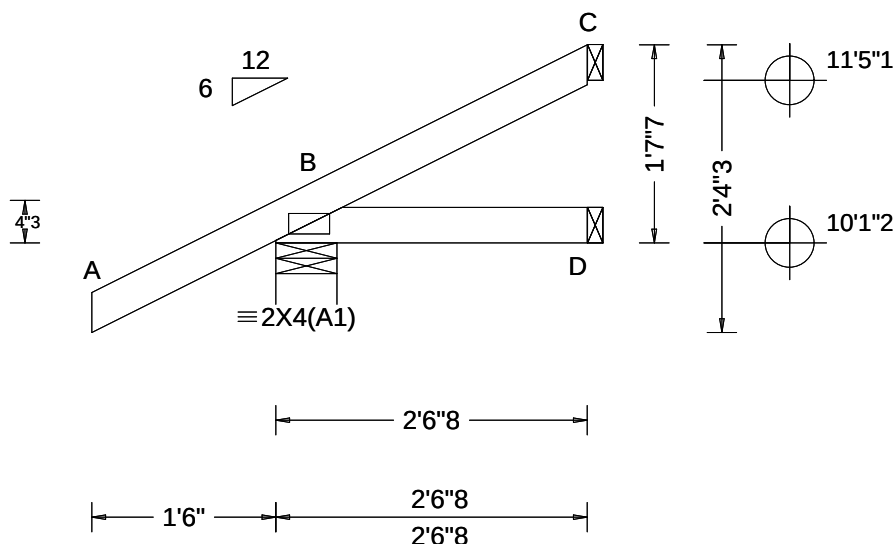
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SEQN: 673221 / FROM: CDM	EJAC Ply: 1 Qty: 4	Job Number: 22-8269 McCabe Truss Label: J09	Cust: R 215 JRef: 1XLa2150003 T106 DrwNo: 341.22.1105.12320 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 0.001 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	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

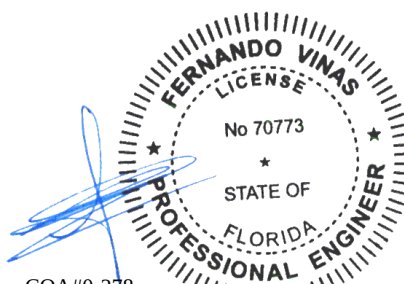
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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".



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12/07/2022

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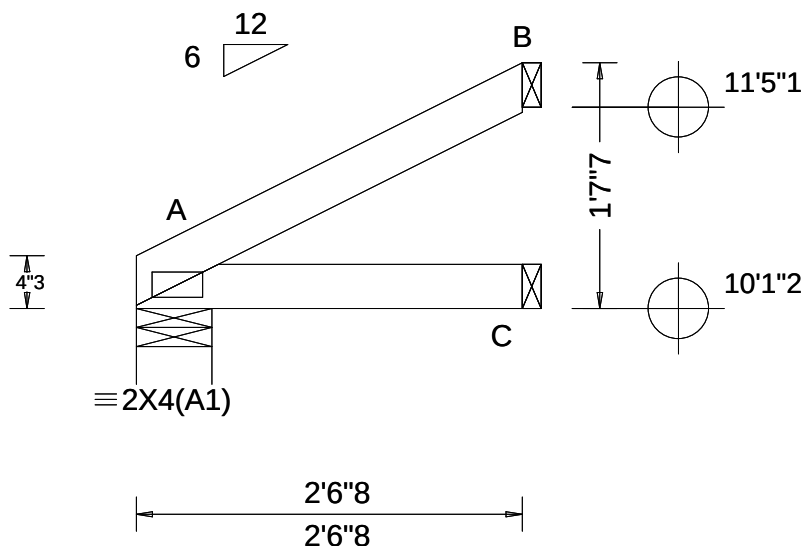
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672766 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 0.001 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	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;

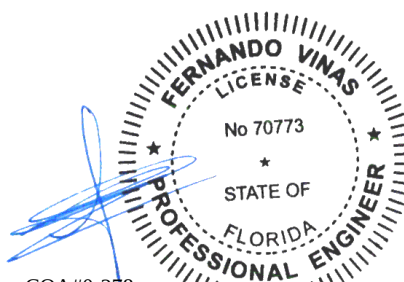
Wind

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.



COA#0-278

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

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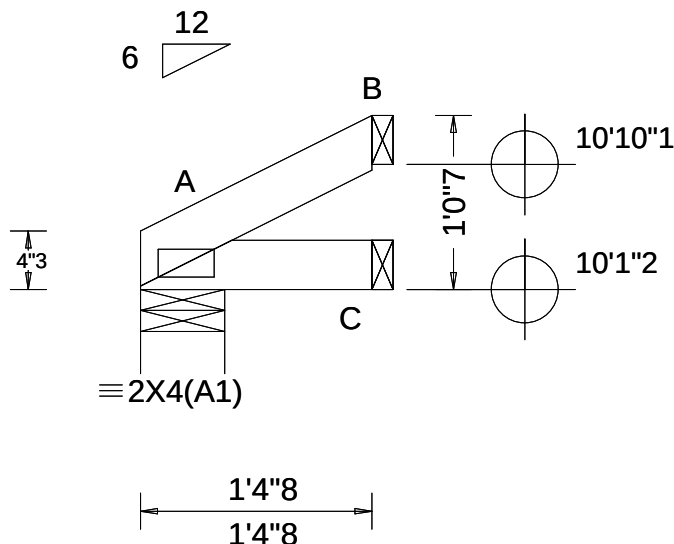
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

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

SEQN: 673209 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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 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	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

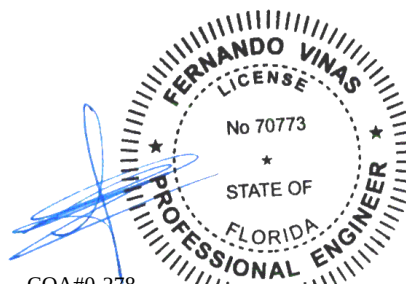
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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."



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

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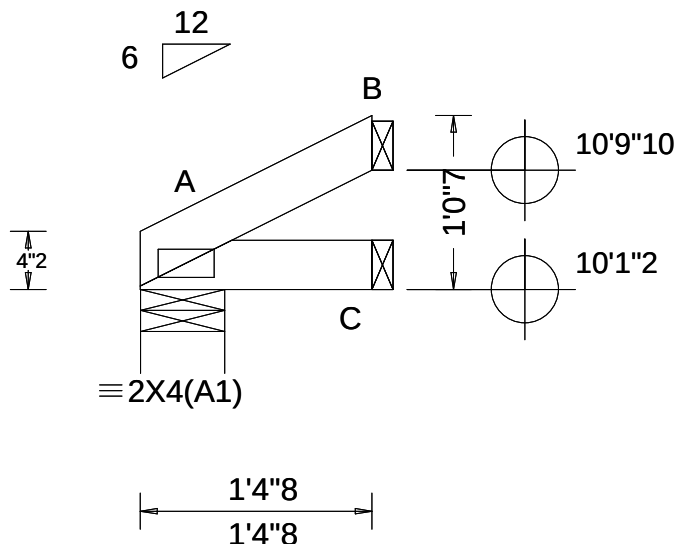
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444386 / FROM: CDM	MONO 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.000 A - - HORZ(TL): 0.000 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	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

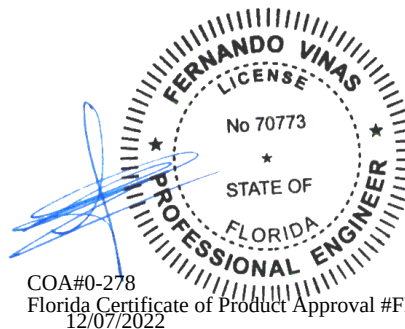
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 62 plf at 0.00 to 62 plf at 1.38
BC: From 20 plf at 0.00 to 20 plf at 1.38
TC: 1 lb Conc. Load at 1.38
BC: 17 lb Conc. Load at 1.38

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."

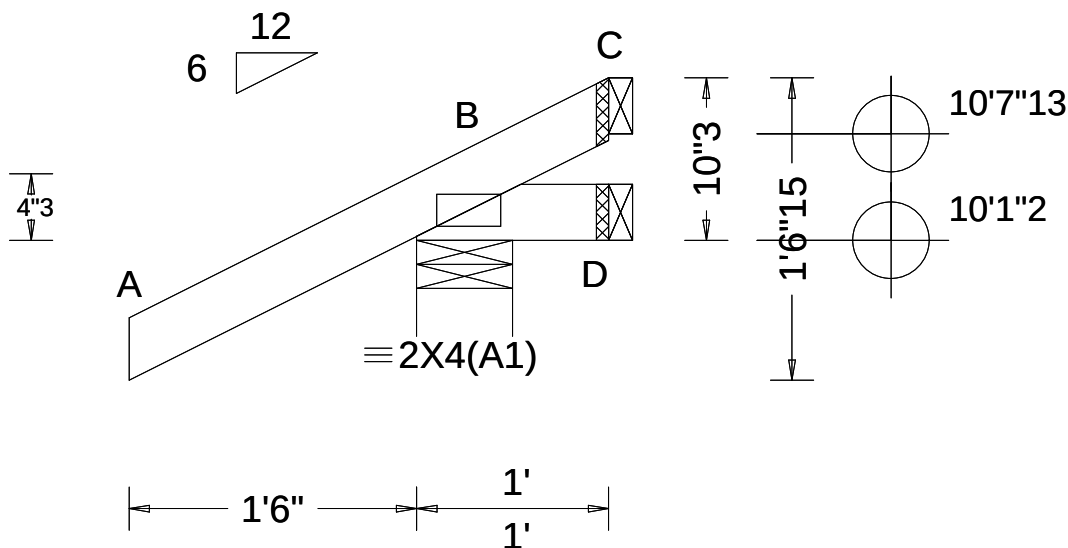


COA#0-278
Florida Certificate of Product Approval #FL1999
12/07/2022

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

SEQN: 682745 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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

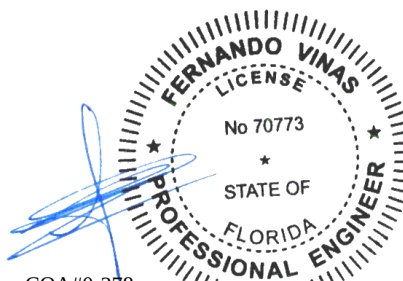
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



COA#0-278

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

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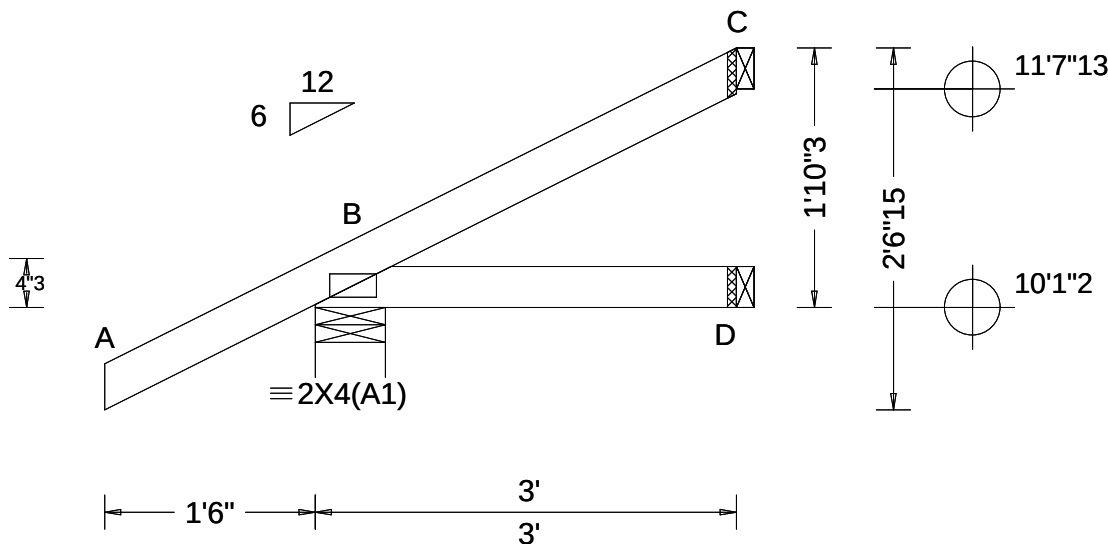
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682749 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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): 0.001 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.250 Max BC CSI: 0.064 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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

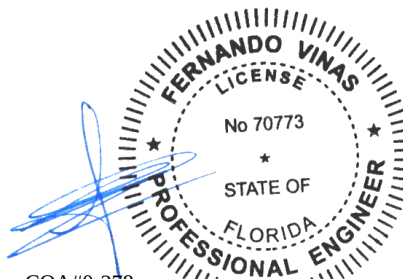
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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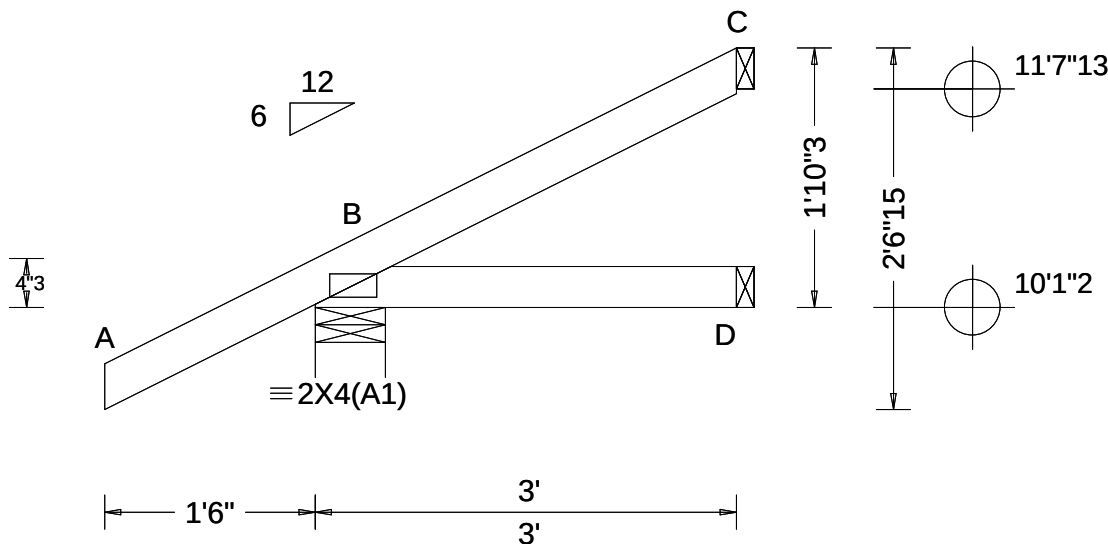
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 682747 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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): 0.001 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	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

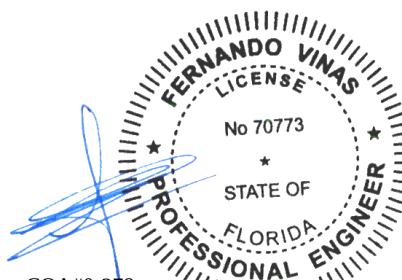
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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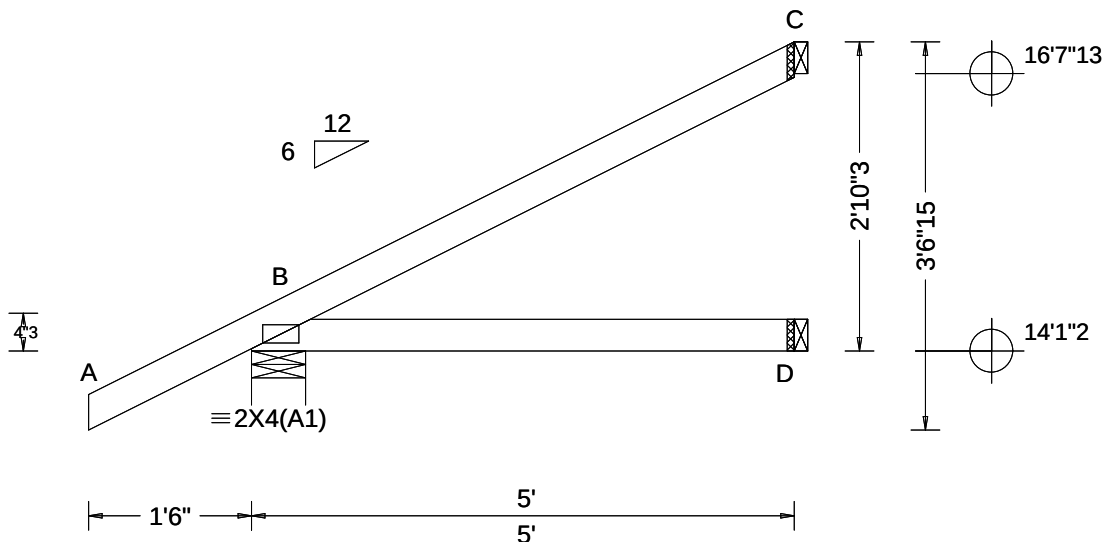
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672950 / FROM: CDM	JACK Qty: 1	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.32 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	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): 0.004 B - - HORZ(TL): 0.008 B - - Creep Factor: 2.0 Max TC CSI: 0.318 Max BC CSI: 0.233 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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

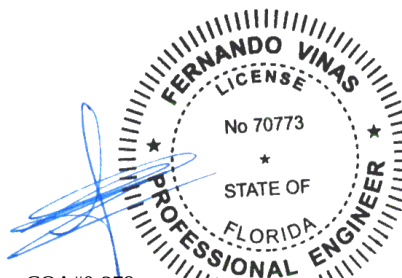
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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

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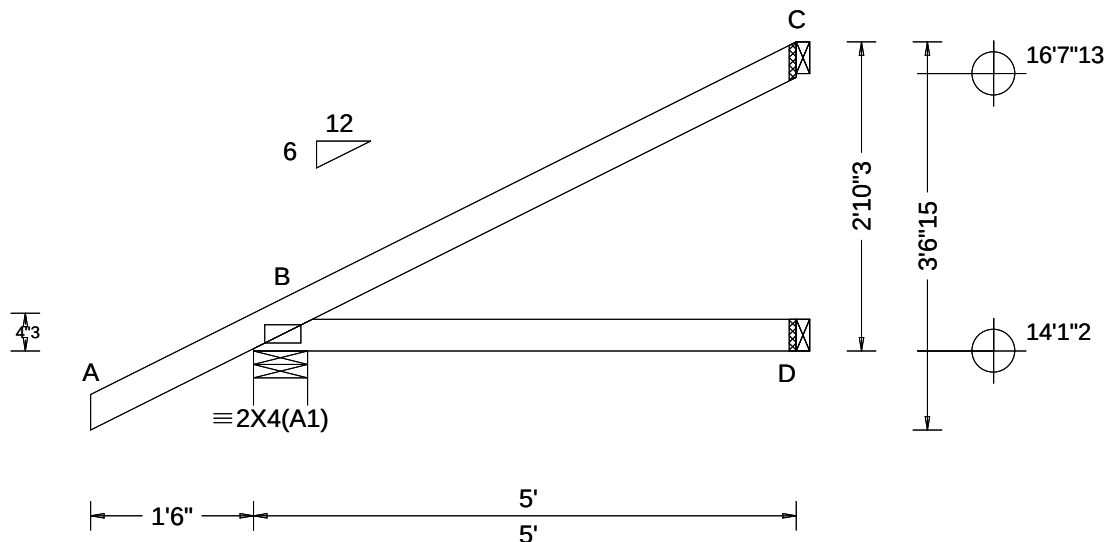
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

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

SEQN: 672952 / FROM: CDM	JACK Qty: 1	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.32 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft 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): 0.004 B - - HORZ(TL): 0.008 B - - Creep Factor: 2.0 Max TC CSI: 0.318 Max BC CSI: 0.233 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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;

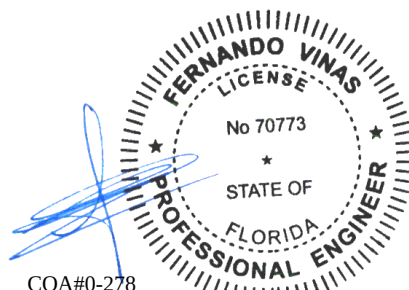
Wind

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

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

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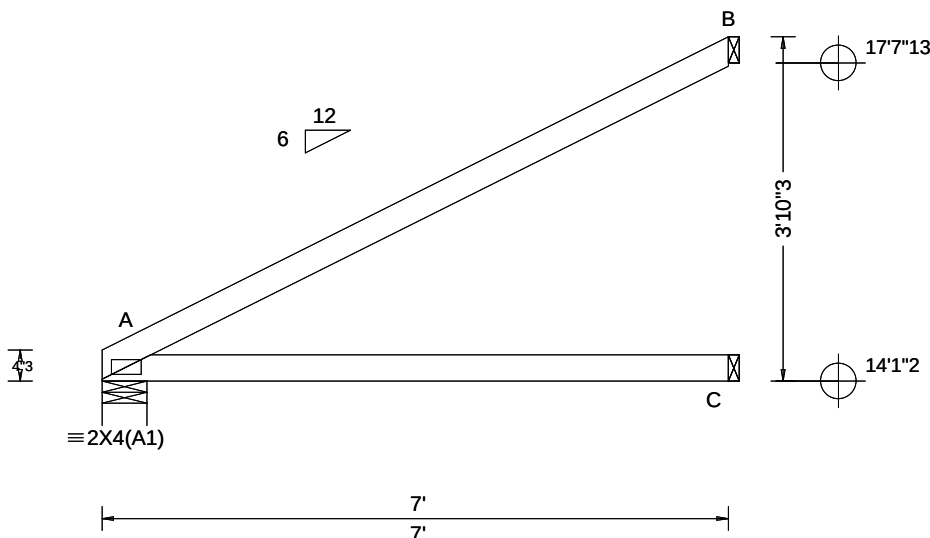
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672944 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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

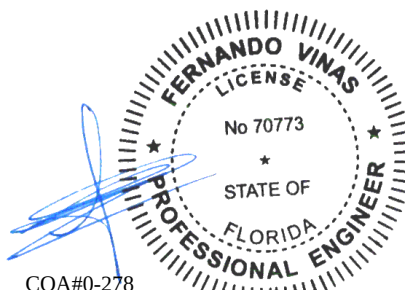
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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

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

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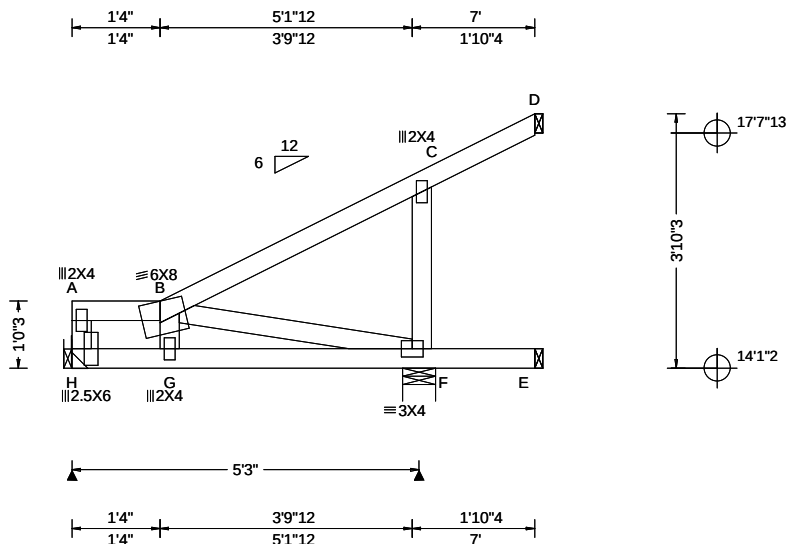
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672938 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 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	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

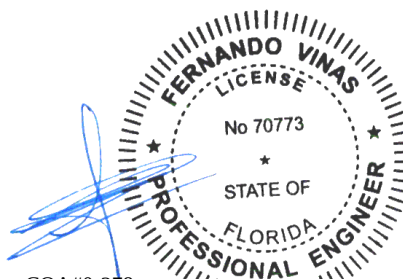
Wind loads based on MWFRS with additional C&C
member design.

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.



COA#0-278

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

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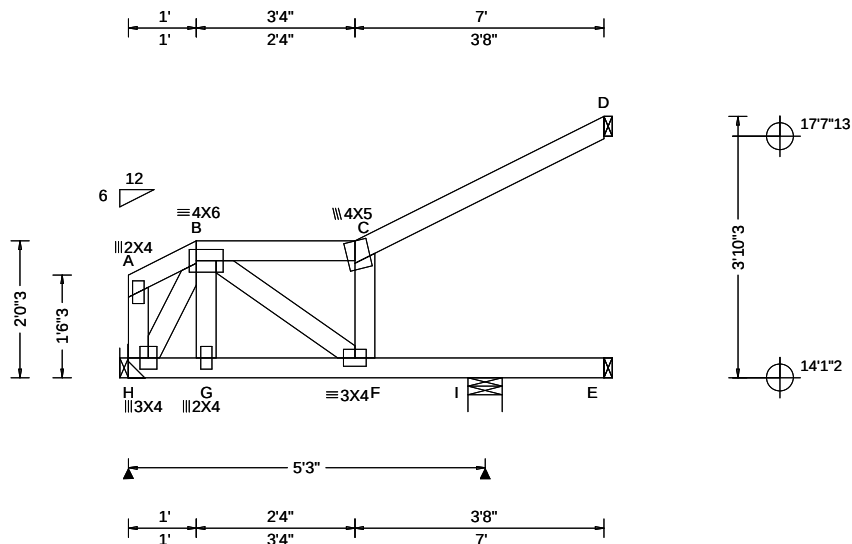
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672940 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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/def 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	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 /- Non-Gravity 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

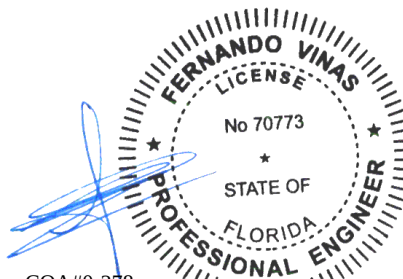
Wind loads based on MWFRS with additional C&C
member design.

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.



COA#0-278

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

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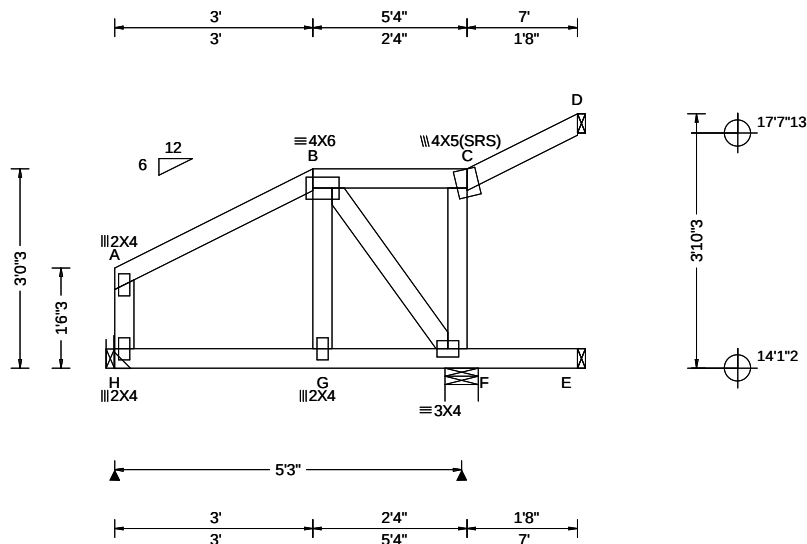
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 672942 / FROM: CDM	EJAC 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def L/# VERT(LL): 0.019 B 999 240 VERT(CL): 0.040 B 999 180 HORZ(LL): -0.031 A - - HORZ(TL): 0.064 A - - Creep Factor: 2.0 Max TC CSI: 0.205 Max BC CSI: 0.152 Max Web CSI: 0.129 VIEW Ver: 21.02.01.1216.14	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

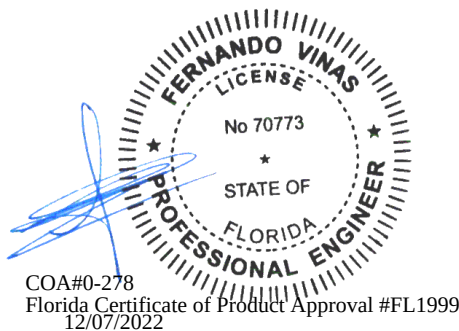
Wind loads based on MWFRS with additional C&C
member design.

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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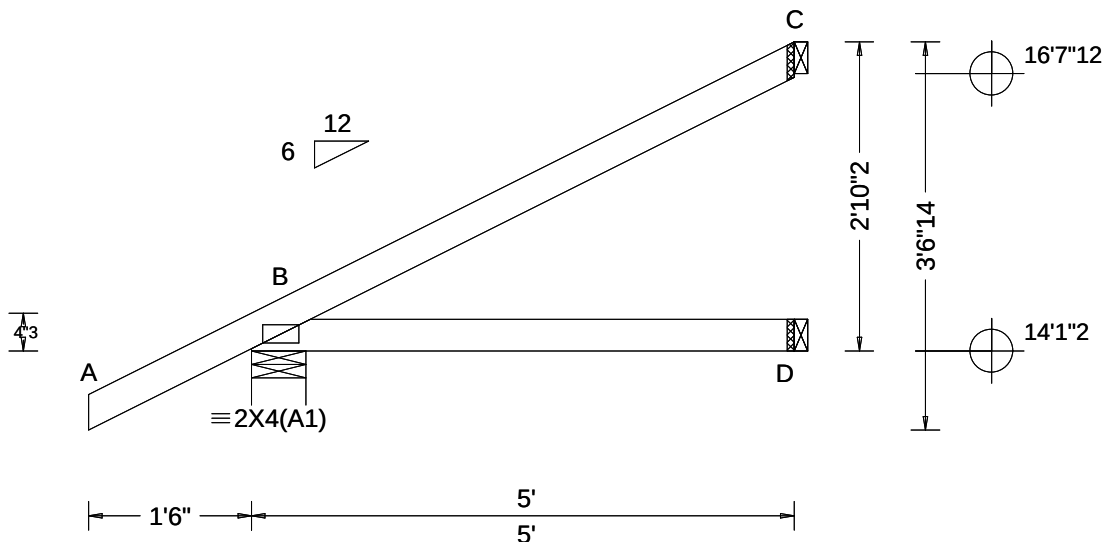
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SEQN: 672948 / FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 22-8269 McCabe Truss Label: J22	Cust: R 215 JRef: 1XLa2150003 T35 / DrwNo: 341.22.1105.11462 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.32 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft 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): 0.004 B - - HORZ(TL): 0.008 B - - Creep Factor: 2.0 Max TC CSI: 0.318 Max BC CSI: 0.233 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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;

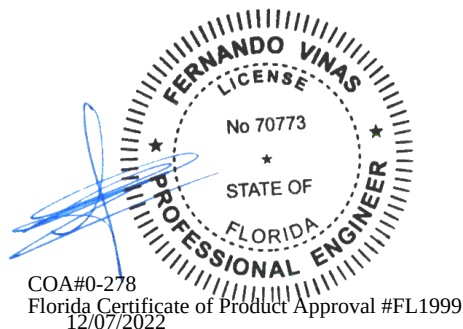
Wind

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.



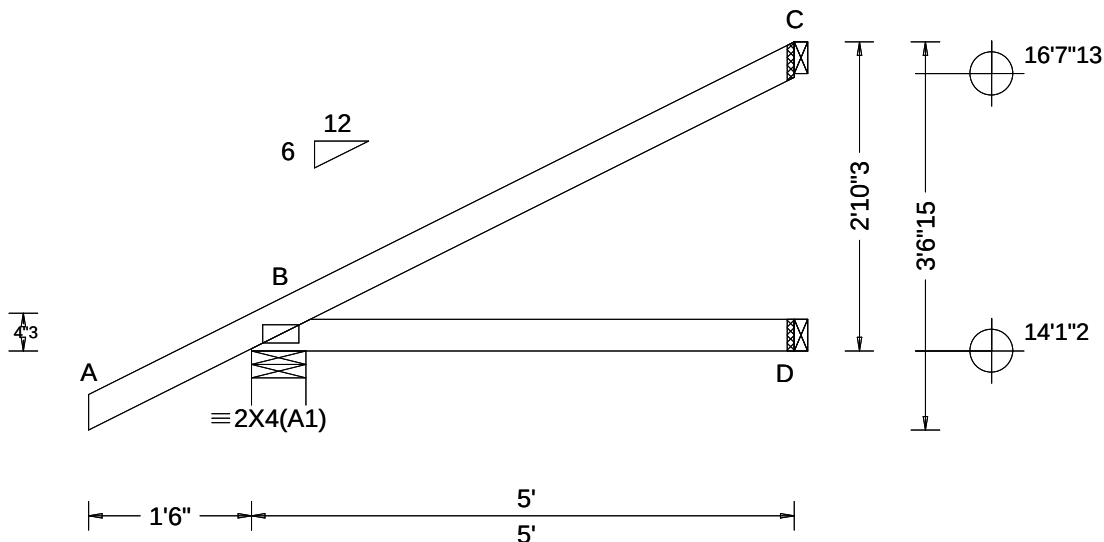
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 672946 / FROM: CDM	JACK Qty: 1	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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.32 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	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): 0.004 B - - HORZ(TL): 0.008 B - - Creep Factor: 2.0 Max TC CSI: 0.318 Max BC CSI: 0.233 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	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

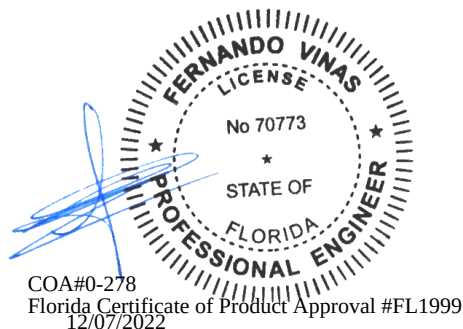
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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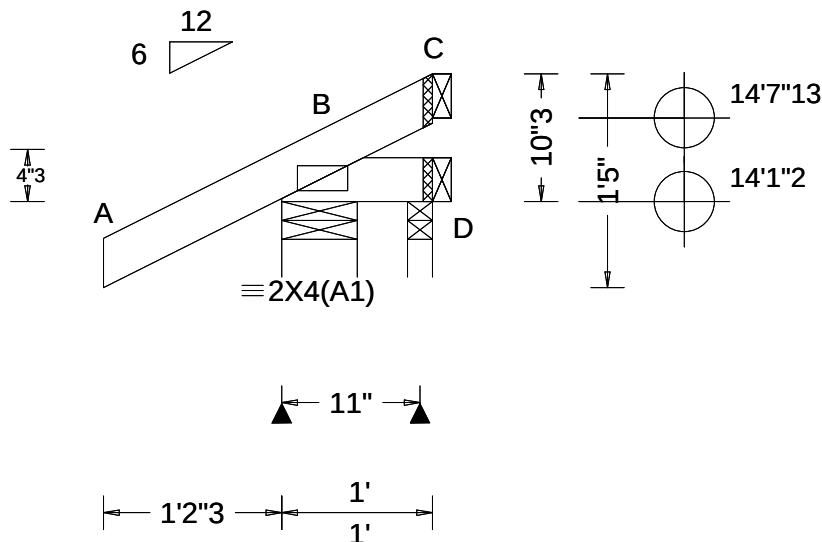
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SEQN: 673187 / FROM: CDM	JACK Ply: 1 Qty: 1	Job Number: 22-8269 McCabe Truss Label: J24	Cust: R 215 JRef: 1XLa2150003 T28 / DrwNo: 341.22.1105.11759 KD / FV 12/07/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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): 0.000 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	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

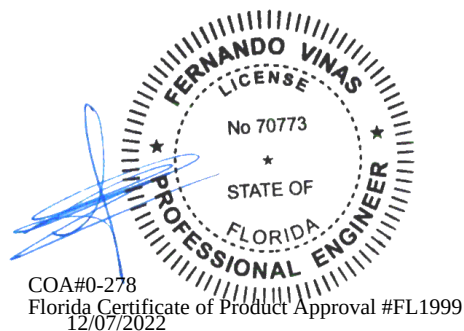
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind

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

Additional Notes

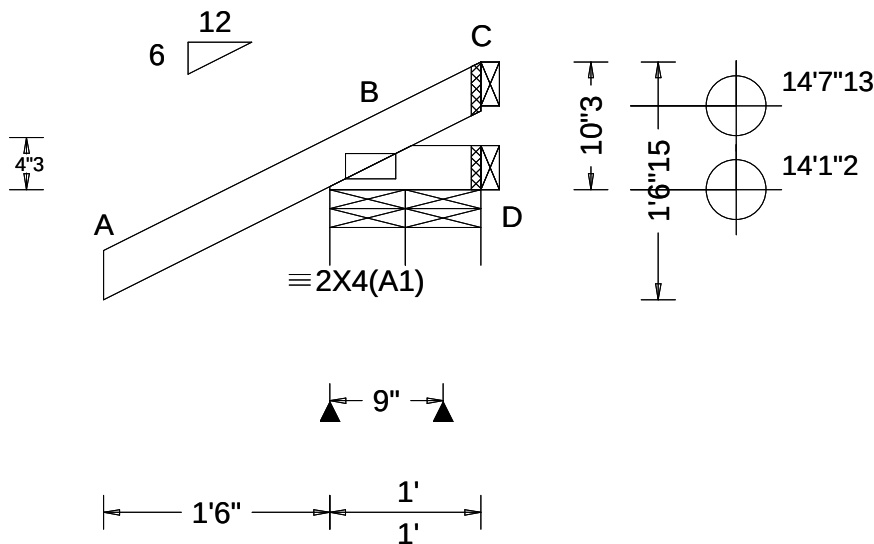
Shim all supports to solid bearing.
The overall height of this truss excluding overhang is 0-10-3.



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SEQN: 673191 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.249 Max BC CSI: 0.030 Max Web CSI: 0.000 VIEW Ver: 21.02.01.1216.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

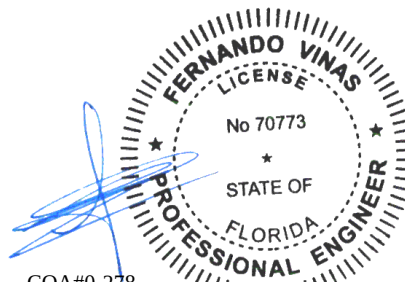
Wind loads based on MWFRS with additional C&C member design.

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.



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

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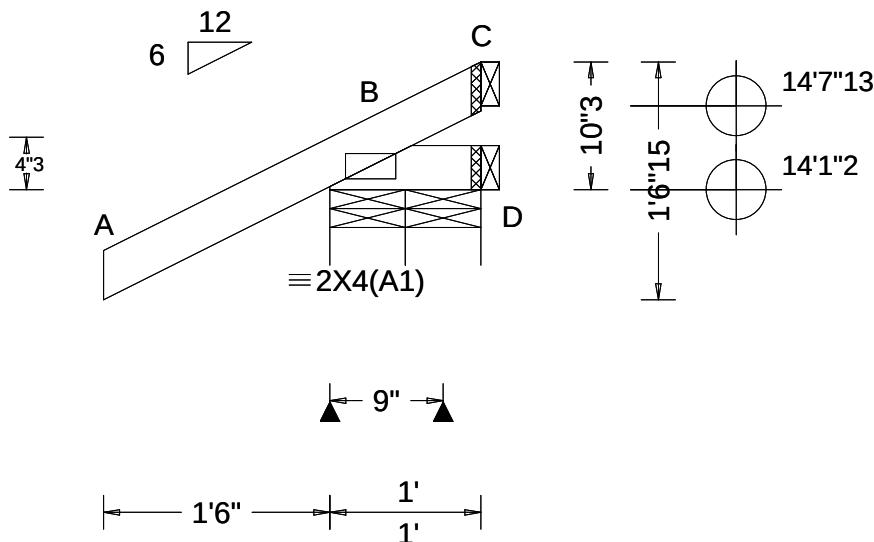
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673193 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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

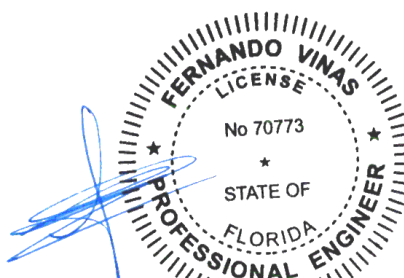
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



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

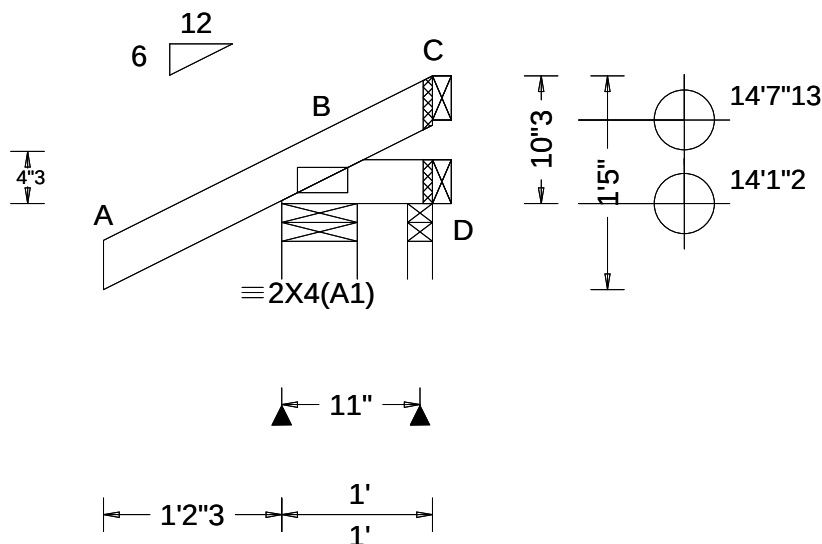
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 673189 / FROM: CDM	JACK 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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/def 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	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

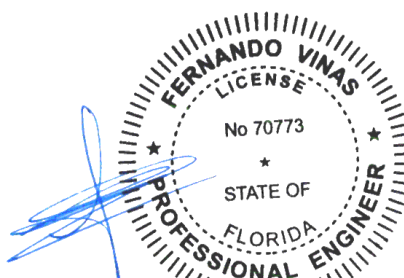
Wind loads based on MWFRS with additional C&C member design.

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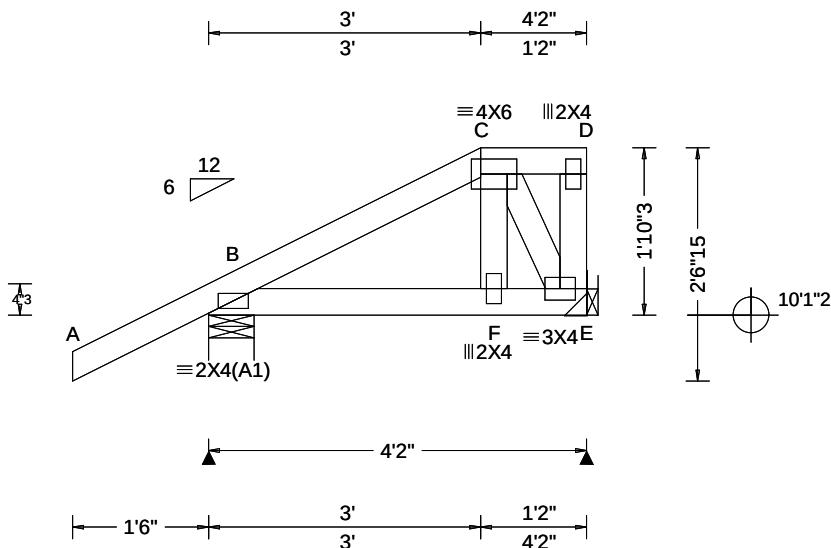
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	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

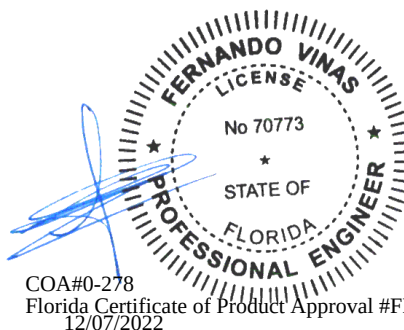
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.



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: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 444394 / FROM: CDM Page 2 of 2	HIPM 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
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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.

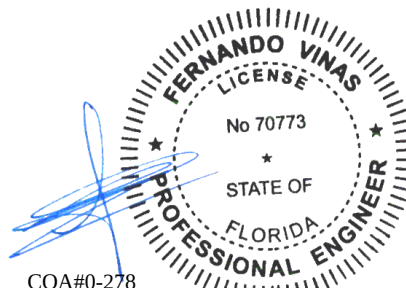
Bearing at location $x=3'11"$, $y=10'1"2$ uses the following support conditions: $3'11"$

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.



COA#0-278

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

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

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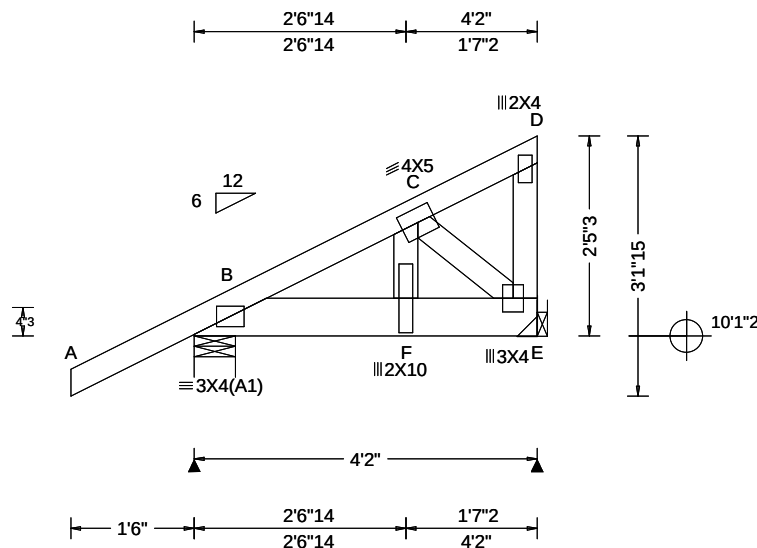
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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.

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

Lumber

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

Special Loads

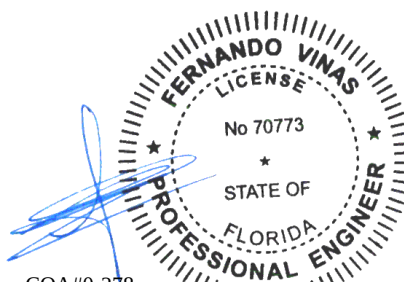
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 62 plf at -1.50 to 62 plf at 4.17
BC: From 4 plf at -1.50 to 4 plf at 0.00
BC: From 10 plf at 0.00 to 10 plf at 4.17
BC: 1194 lb Conc. Load at 1.61, 3.61

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 25'-3".



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

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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 444402 / MONO	Ply: 1	Job Number: 22-8269	Cust: R 215 JRef: 1XLa2150003 T88 /
FROM: CDM	Qty: 1	McCabe	DrwNo: 341.22.1105.11976
Page 2 of 2		Truss Label: J30	KD / FV 12/07/2022

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.

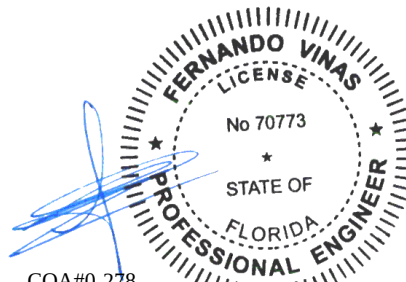
Bearing at location $x=3'11"$, $y=10'1"2$ uses the following support conditions: $3'11"$

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.



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**

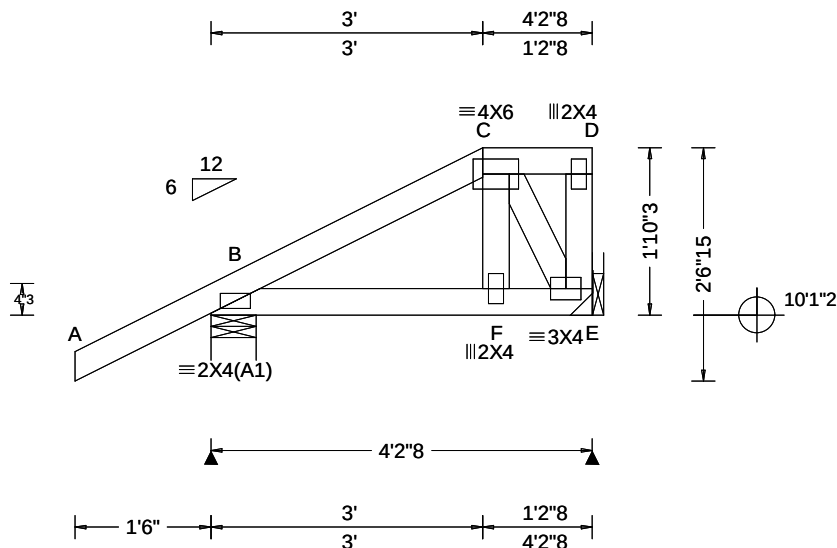
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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.

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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	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	PP Deflection in loc L/def 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	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

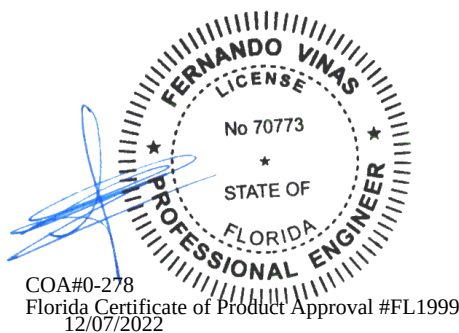
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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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SEQN: 444420 / FROM: CDM Page 2 of 2	HIPM 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
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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.

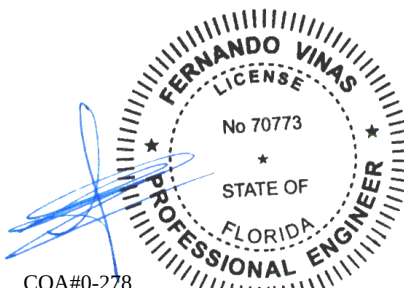
Bearing at location $x=3'11''8$, $y=10'1''2$ uses the following support conditions: 3'11"8

Bearing 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.



COA#0-278

Florida Certificate of Product Approval #FL1999

12/07/2022

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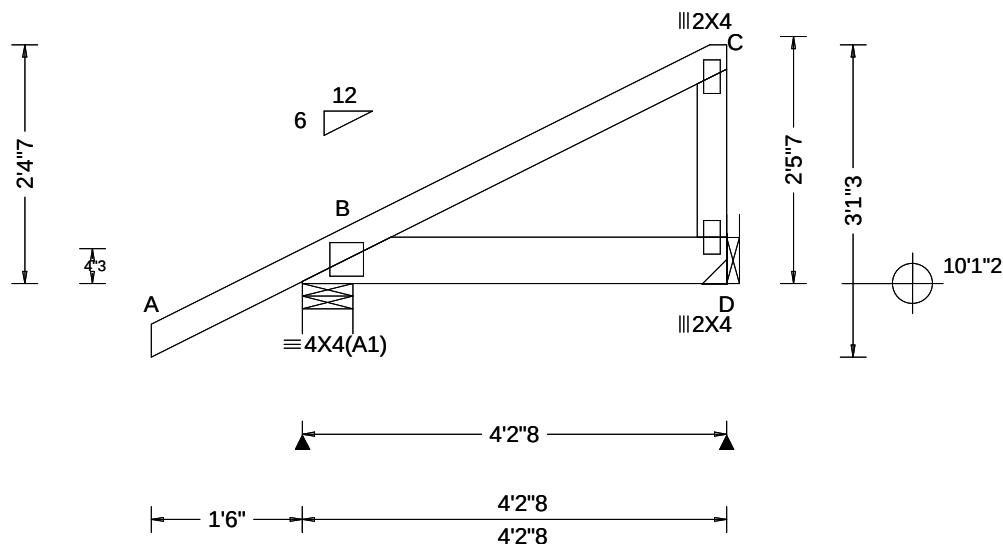
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.016 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	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

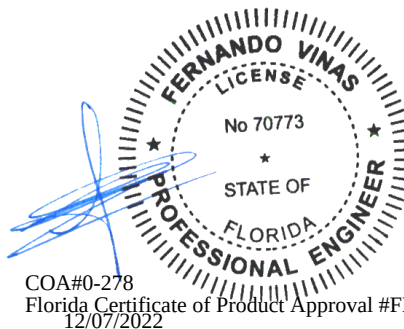
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 62 plf at -1.50 to 62 plf at 4.21
BC: From 4 plf at -1.50 to 4 plf at 0.00
BC: From 10 plf at 0.00 to 10 plf at 4.04
BC: From 14 plf at 4.04 to 14 plf at 4.21
BC: 1470 lb Conc. Load at 0.56
BC: 1467 lb Conc. Load at 2.27

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.



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

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SEQN: 444422 /	HIPM	Ply: 1	Job Number: 22-8269	Cust: R 215 JRef: 1XLa2150003 T16 /
FROM: CDM		Qty: 1	McCabe	DrwNo: 341.22.1105.10759
Page 2 of 2			Truss Label: J32	KD / FV 12/07/2022

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.

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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.

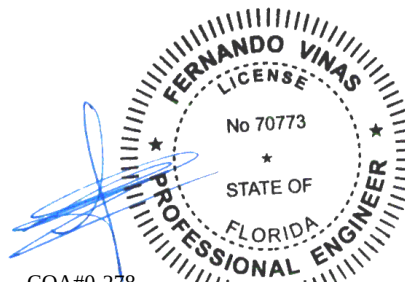
Bearing at location $x=3'11''8$, $y=10'1''2$ uses the following support conditions: 3'11"8

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.



COA#0-278

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

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

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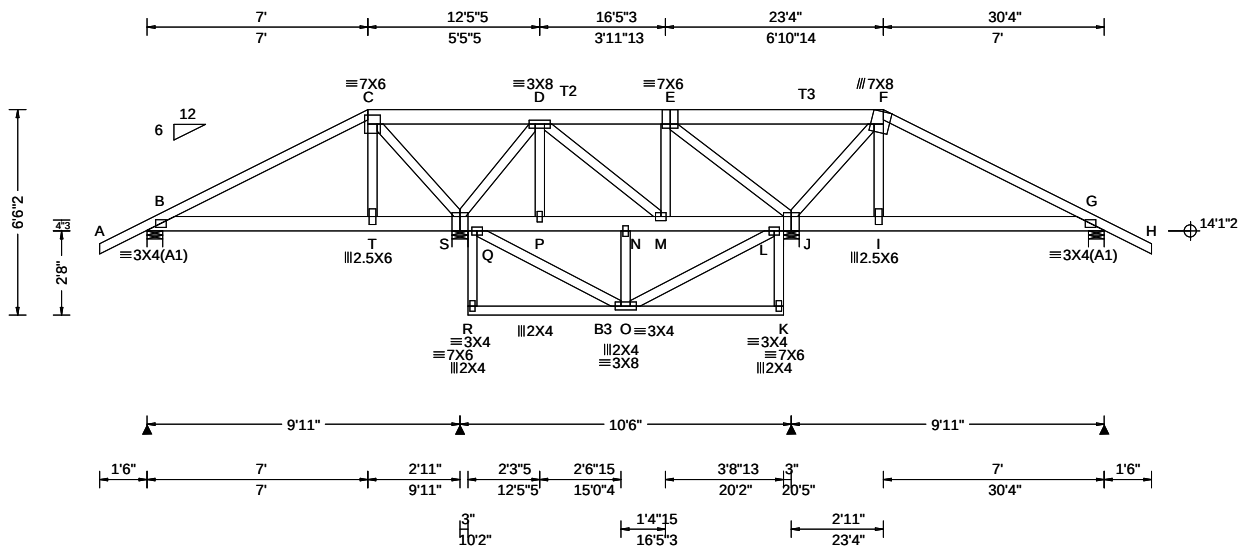
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

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

SEQN: 682723 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.017 G 999 240	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.033 B 999 180	B 680 /- /- /- /144 /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.009 B - -	S 1708 /- /- /- /454 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.017 B - -	J 1677 /- /- /- /441 /-
NCBCLL: 10.00	Mean Height: 15.82 ft	Building Code:	Creep Factor: 2.0	G 689 /- /- /- /148 /-
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.680	Wind reactions based on MWFRS
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.397	B Brg Wid = 6.0 Min Req = 1.5 (Truss)
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.595	S Brg Wid = 6.0 Min Req = 2.0
	C&C Dist a: 3.03 ft	FT/RT:20(0)/10(0)		J Brg Wid = 6.0 Min Req = 2.0
	Loc. from endwall: not in 9.00 ft	Plate Type(s):		G Brg Wid = 6.0 Min Req = 1.5 (Truss)
	GCpi: 0.18	WAVE	VIEW Ver: 21.02.01.1216.14	Bearings B, S, J, & G are a rigid surface.
	Wind Duration: 1.60			Members not listed have forces less than 375#

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

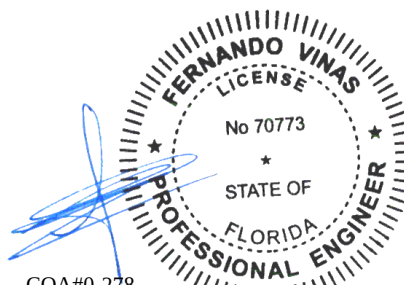
Wind loads and reactions based on MWFRS.

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.



COA#0-278

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

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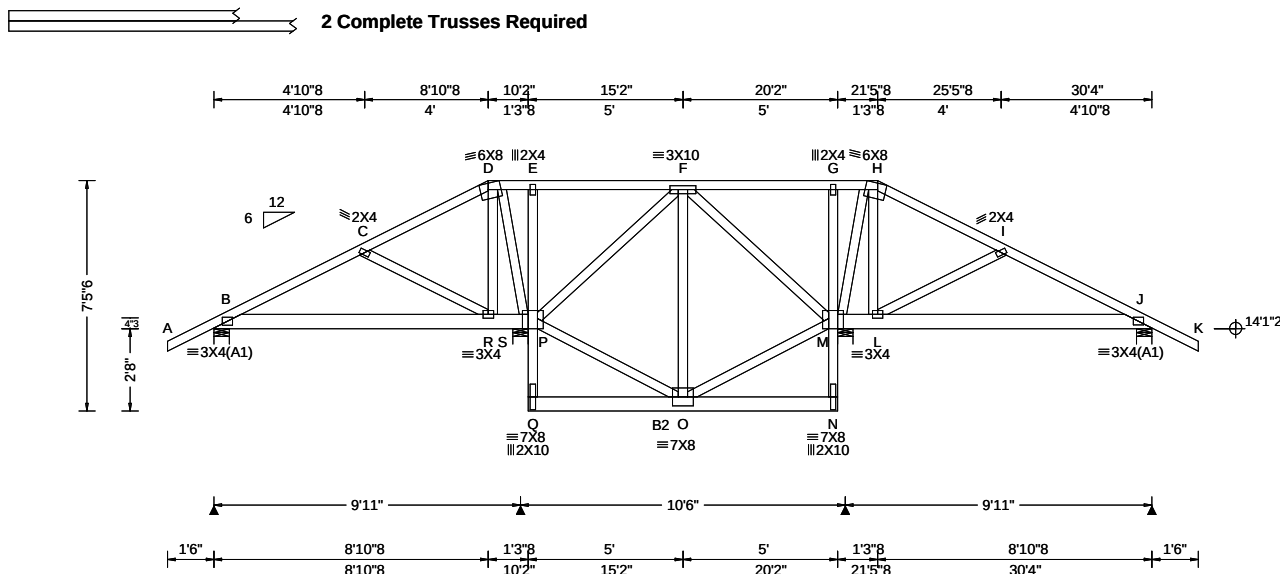
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



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

SEQN: 682721 / FROM: CDM	HIPS 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
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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 GCp: 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: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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	Gravity Loc R+ / R- / Rh / Rw / U / RL B 601 -/- /- /112 -/ S 4834 -/- /- /647 -/ M 4391 -/- /- /594 -/ J 601 -/- /- /112 -/ Non-Gravity 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#

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

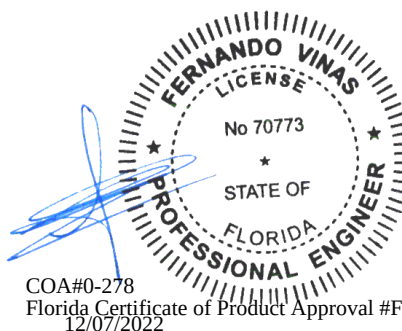
Purlins
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.

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		



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

CLR Reinforcing Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

Notes:

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or L-reinforcement or scab reinforcement.

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

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

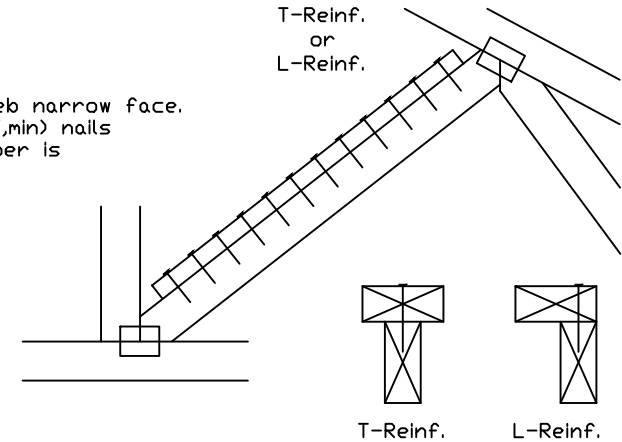
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

(*) Center scab on wide face of web. Apply (1) scab to each face of web.

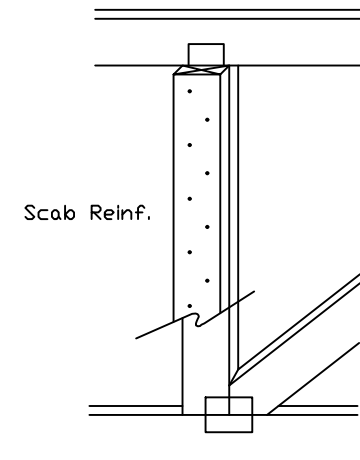
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



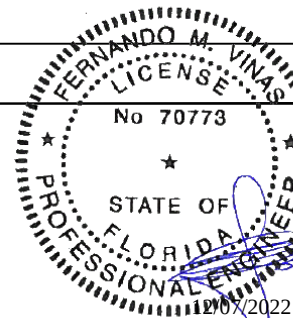
Scab Reinforcement:

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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For more information see this job's general notes page and these web sites:
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TC LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	01/02/19
BC DL	PSF	DRWG	BRCLBSUB0119
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			