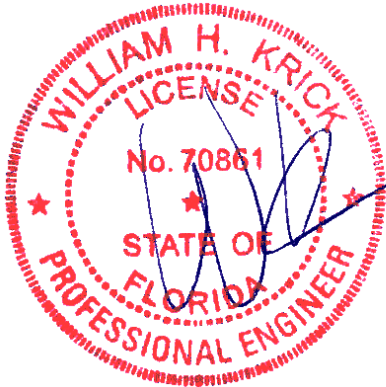




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Glenview, IL 60025
Phone: (800)755-6001
www.alpineitw.com



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COA #0 278

Florida Certificate of Product Approval #FL 1999

07/24/2024

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1284
Job Description: Logan Jack	
Address:	

Job Engineering Criteria:			
Design Code: FBC 8th Ed. 2023 Res.		IntelliVIEW Version: 23.02.01A JRef #: 1Y1S2150010	
Wind Standard: ASCE 7-22	Wind Speed (mph): 130	Design Loading (psf): 40.00	
Building Type: Closed			

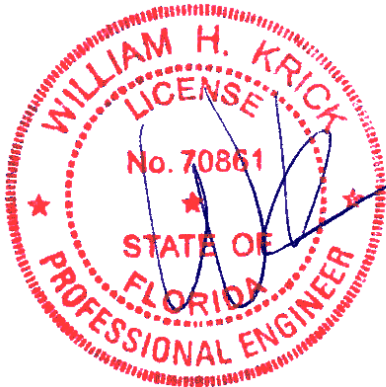
This package contains general notes pages, 201 truss drawing(s) and 5 detail(s).

Item	Drawing Number	Truss
1	205.24.1159.13905	A01
3	205.24.1159.11053	A03
5	205.24.1159.12119	A05
7	205.24.1159.10708	A07
9	205.24.1159.14235	A09
11	205.24.1456.45663	B01
13	205.24.1459.22597	B03
15	205.24.1459.35280	B05
17	205.24.1459.47373	B07
19	205.24.1459.54797	B09
21	205.24.1500.01423	B11
23	205.24.1500.09020	B13
25	205.24.1500.16720	B15
27	205.24.1500.24500	B17
29	205.24.1500.46230	B19
31	205.24.1500.50957	B21
33	205.24.1500.54523	B23
35	205.24.1501.33823	B25
37	205.24.1501.47530	B27
39	205.24.1502.10450	B29
41	205.24.1502.20407	B32
43	205.24.1502.24197	B34
45	205.24.1503.39237	B36
47	205.24.1503.43170	B38
49	205.24.1503.45610	B40

Item	Drawing Number	Truss
2	205.24.1159.14360	A02
4	205.24.1159.12401	A04
6	205.24.1159.11978	A06
8	205.24.1159.13451	A08
10	205.24.1159.13922	A10
12	205.24.1458.11397	B02
14	205.24.1459.26613	B04
16	205.24.1459.43430	B06
18	205.24.1459.50557	B08
20	205.24.1459.57983	B10
22	205.24.1500.05203	B12
24	205.24.1500.12390	B14
26	205.24.1500.20820	B16
28	205.24.1500.27263	B18
30	205.24.1500.48223	B20
32	205.24.1500.52663	B22
34	205.24.1501.14370	B24
36	205.24.1501.38110	B26
38	205.24.1502.07977	B28
40	205.24.1502.18667	B31
42	205.24.1502.22623	B33
44	205.24.1502.25990	B35
46	205.24.1503.41883	B37
48	205.24.1503.44347	B39
50	205.24.1503.53940	C01



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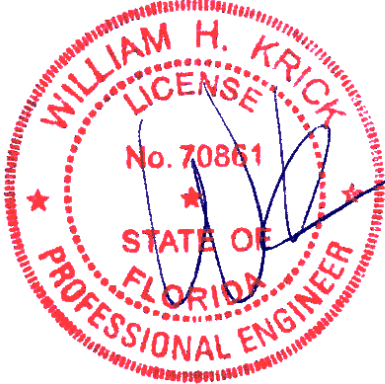
Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1284
Job Description: Logan Jack	
Address:	

Item	Drawing Number	Truss
51	205.24.1159.13837	C02
53	205.24.1159.11288	C04
55	205.24.1159.11272	C06
57	205.24.1159.12967	C08
59	205.24.1504.20893	C10
61	205.24.1506.46170	C12
63	205.24.1506.56947	C14
65	205.24.1507.03510	C16
67	205.24.1159.13216	C18
69	205.24.1507.12493	C20
71	205.24.1159.11618	D02
73	205.24.1159.11226	D04
75	205.24.1159.12464	D06
77	205.24.1159.14094	E01
79	205.24.1159.13435	E03
81	205.24.1510.56710	E05
83	205.24.1159.12903	E13
85	205.24.1159.13670	E15
87	205.24.1510.37040	G01
89	205.24.1510.43540	G03
91	205.24.1507.32140	G05
93	205.24.1507.39627	G07
95	205.24.1507.59127	G09
97	205.24.1508.06070	G11
99	205.24.1508.13643	G13
101	205.24.1508.18270	G15
103	205.24.1508.22997	G17
105	205.24.1508.27623	G19
107	205.24.1508.31073	G21
109	205.24.1508.35113	G23
111	205.24.1508.38827	G25
113	205.24.1508.43650	G27
115	205.24.1508.48650	G29

Item	Drawing Number	Truss
52	205.24.1159.10786	C03
54	205.24.1159.11994	C05
56	205.24.1159.13592	C07
58	205.24.1159.11021	C09
60	205.24.1506.44640	C11
62	205.24.1506.47887	C13
64	205.24.1507.00233	C15
66	205.24.1507.05597	C17
68	205.24.1507.08723	C19
70	205.24.1507.14407	D01
72	205.24.1159.13655	D03
74	205.24.1159.12746	D05
76	205.24.1511.45073	D07
78	205.24.1159.11805	E02
80	205.24.1510.52700	E04
82	205.24.1159.11006	E06
84	205.24.1159.11539	E14
86	205.24.1159.11289	E16
88	205.24.1510.41163	G02
90	205.24.1507.27640	G04
92	205.24.1507.36597	G06
94	205.24.1507.52130	G08
96	205.24.1508.02180	G10
98	205.24.1508.11673	G12
100	205.24.1508.16110	G14
102	205.24.1508.21600	G16
104	205.24.1508.25643	G18
106	205.24.1508.28970	G20
108	205.24.1508.32397	G22
110	205.24.1508.37183	G24
112	205.24.1508.40630	G26
114	205.24.1508.45577	G28
116	205.24.1159.11852	G30



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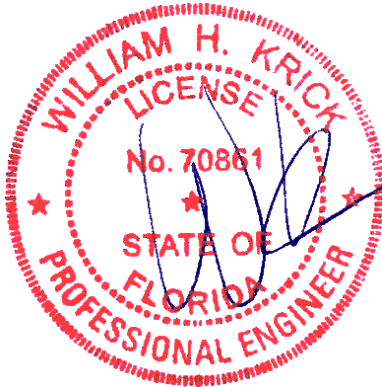
Site Information:	Page 3:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1284
Job Description: Logan Jack	
Address:	

Item	Drawing Number	Truss
117	205.24.1159.11554	G31
119	205.24.1508.50390	G33
121	205.24.1512.08650	G35
123	205.24.1159.10880	H01
125	205.24.1159.12714	J01
127	205.24.1159.13702	J02
129	205.24.1159.14392	J03
131	205.24.1159.13482	J04
133	205.24.1159.11570	J05
135	205.24.1159.13576	J06
137	205.24.1509.06217	J07
139	205.24.1159.10803	J08
141	205.24.1159.12025	J09
143	205.24.1159.11444	J10
145	205.24.1159.11195	J11
147	205.24.1159.12088	J12
149	205.24.1159.13874	J13
151	205.24.1159.11726	J14
153	205.24.1159.13357	J15
155	205.24.1159.14057	J16
157	205.24.1159.11367	J17
159	205.24.1159.10630	J18
161	205.24.1159.11116	J19
163	205.24.1159.14172	J20
165	205.24.1159.11758	J22
167	205.24.1509.29610	J24
169	205.24.1159.14276	J26
171	205.24.1159.12433	J28
173	205.24.1159.10724	J30
175	205.24.1159.12244	J32
177	205.24.1159.13123	J34
179	205.24.1159.12715	J36
181	205.24.1159.13217	J38

Item	Drawing Number	Truss
118	205.24.1159.11727	G32
120	205.24.1159.13107	G34
122	205.24.1512.24553	G36
124	205.24.1512.28690	H02
126	205.24.1508.59093	J01HJ
128	205.24.1159.12026	J02HJ
130	205.24.1509.01757	J03HJ
132	205.24.1509.04130	J04HJ
134	205.24.1159.11857	J05HJ
136	205.24.1159.12871	J06HJ
138	205.24.1159.12229	J07HJ
140	205.24.1509.09150	J08HJ
142	205.24.1509.14633	J09HJ
144	205.24.1509.20160	J10HJ
146	205.24.1509.22653	J11HJ
148	205.24.1159.13373	J12HJ
150	205.24.1159.13185	J13HJ
152	205.24.1159.14141	J14HJ
154	205.24.1159.12214	J15HJ
156	205.24.1509.25630	J16HJ
158	205.24.1159.13921	J17HJ
160	205.24.1159.12495	J18HJ
162	205.24.1159.12653	J19HJ
164	205.24.1159.11460	J21
166	205.24.1159.12966	J23
168	205.24.1159.14017	J25
170	205.24.1159.14314	J27
172	205.24.1159.12698	J29
174	205.24.1159.12448	J31
176	205.24.1159.13811	J33
178	205.24.1159.11038	J35
180	205.24.1159.12276	J37
182	205.24.1159.10990	J39



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Site Information:	Page 4:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1284
Job Description: Logan Jack	
Address:	

Item	Drawing Number	Truss
183	205.24.1159.14157	J40
185	205.24.1509.34073	J42
187	205.24.1509.43540	J44
189	205.24.1509.48253	PB02
191	205.24.1509.51050	PB04
193	205.24.1509.54060	PB06
195	205.24.1509.57043	PB08
197	205.24.1509.59753	PB10
199	205.24.1510.14937	PB12
201	205.24.1510.28650	PB14
203	DEFLCAMB1014	
205	CNNAILSP1014	

Item	Drawing Number	Truss
184	205.24.1159.12960	J41
186	205.24.1509.41030	J43
188	205.24.1509.46547	PB01
190	205.24.1509.49637	PB03
192	205.24.1509.52470	PB05
194	205.24.1509.55440	PB07
196	205.24.1509.58380	PB09
198	205.24.1510.13543	PB11
200	205.24.1510.26533	PB13
202	BRCLBSUB0119	
204	PB160220723	
206	RIGINSRT1014	

General Notes

Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:

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

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

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

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

Temporary Lateral Restraint and Bracing:

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

Permanent Lateral Restraint and Bracing:

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

Connector Plate Information:

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

Bearing Information:

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

General Notes (continued)

Coated Lumber:

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

Fire Retardant Treated Lumber:

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

Key to Terms:

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

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.

BCLL = Bottom Chord standard design Live Load in pounds per square foot.

C = Coated lumber.

C-AT = AtTEK coated lumber.

C-FX = FX Lumber Guard coated lumber.

C-TE = TechWood 4400 coated lumber.

CL = Certified lumber.

Des Ld = total of TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

FRT-BF = Boraflame Fire Retardant Treated lumber

FRT-DB = D-Blaze Fire Retardant Treated lumber.

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

FRT-ON = OnWood Fire Retardant Treated lumber.

FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.

FRT-PR = ProWood Fire Retardant Treated lumber.

g = green lumber.

HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.

HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.

HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.

Ic = Incised lumber.

FJ = Finger Jointed lumber.

L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.

L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.

Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.

Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for all load cases.

Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for all load cases.

Max Web CSI = Maximum bending and axial Combined Stress Index for Webs for all load cases.

NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.

PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.

PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds

PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.

PP = Panel Point.

R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).

Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

General Notes (continued)

Key to Terms (continued):

Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).

TCDL = Top Chord standard design Dead Load in pounds per square foot.

TCLL = Top Chord standard design Live Load in pounds per square foot.

U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.

VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.

VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.

VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.

W = Width of non-hanger bearing, in inches.

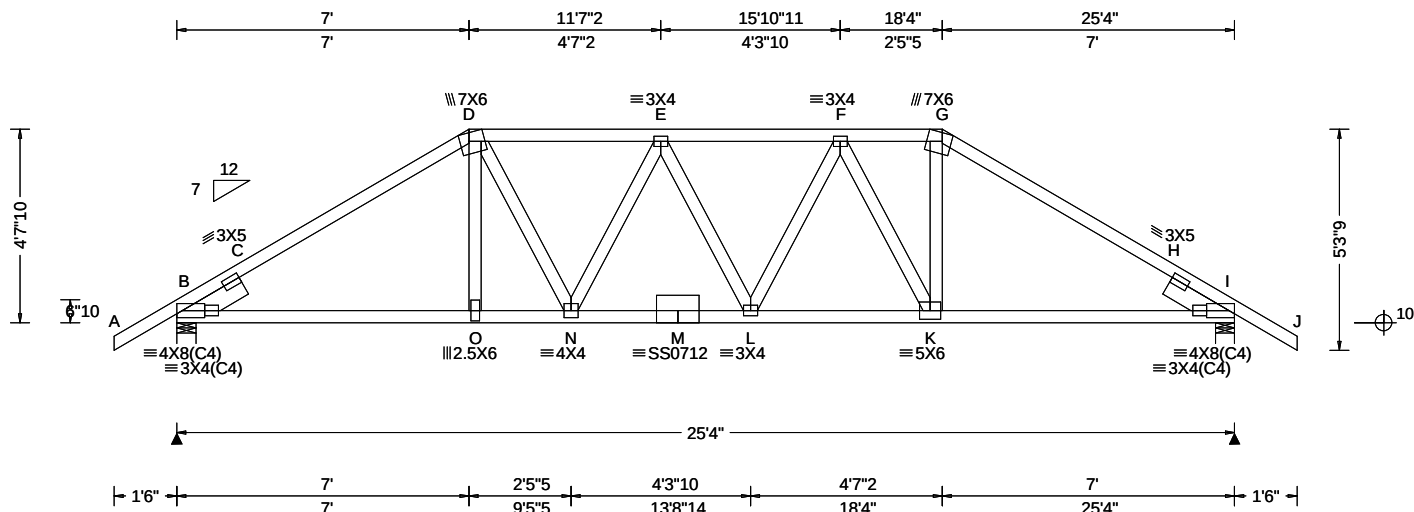
Refer to ASCE-7 for Wind and Seismic abbreviations.

Uppercase Acronyms not explained above are as defined in TPI 1.

References:

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

SEQN: 18857 / FROM:	HIPS Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: A01	Cust: R 215 JRef: 1Y1S2150010 T154 DrwNo: 205.24.1159.13905 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 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): 0.142 L 999 240 VERT(CL): 0.285 L 999 180 HORZ(LL): 0.060 H - - HORZ(TL): 0.121 H - - Creep Factor: 2.0 Max TC CSI: 0.401 Max BC CSI: 0.711 Max Web CSI: 0.758 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2805 -/- /- /- /579 -/ I 2769 -/- /- /- /570 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 2.3 (Truss) I Brg Wid = 5.5 Min Req = 2.3 (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 944 -4519 F - G 771 -3818 C - D 920 -4453 G - H 907 -4401 D - E 902 -4389 H - I 931 -4466 E - F 948 -4597

Lumber
Top chord: 2x4 SP M-31;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP #3;
Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.571'
Rt Slider: 2x6 SP 2400f-2.0E; block length = 1.571'

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 7.00
TC: From 32 plf at 7.00 to 32 plf at 18.33
TC: From 63 plf at 18.33 to 63 plf at 26.83
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.03
BC: From 10 plf at 7.03 to 10 plf at 18.30
BC: From 20 plf at 18.30 to 20 plf at 25.33
BC: From 5 plf at 25.33 to 5 plf at 26.83
BC: 921 lb Conc. Load at 7.03,18.30
BC: 381 lb Conc. Load at 9.06,16.27
BC: 376 lb Conc. Load at 10.27,12.27,14.27

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.



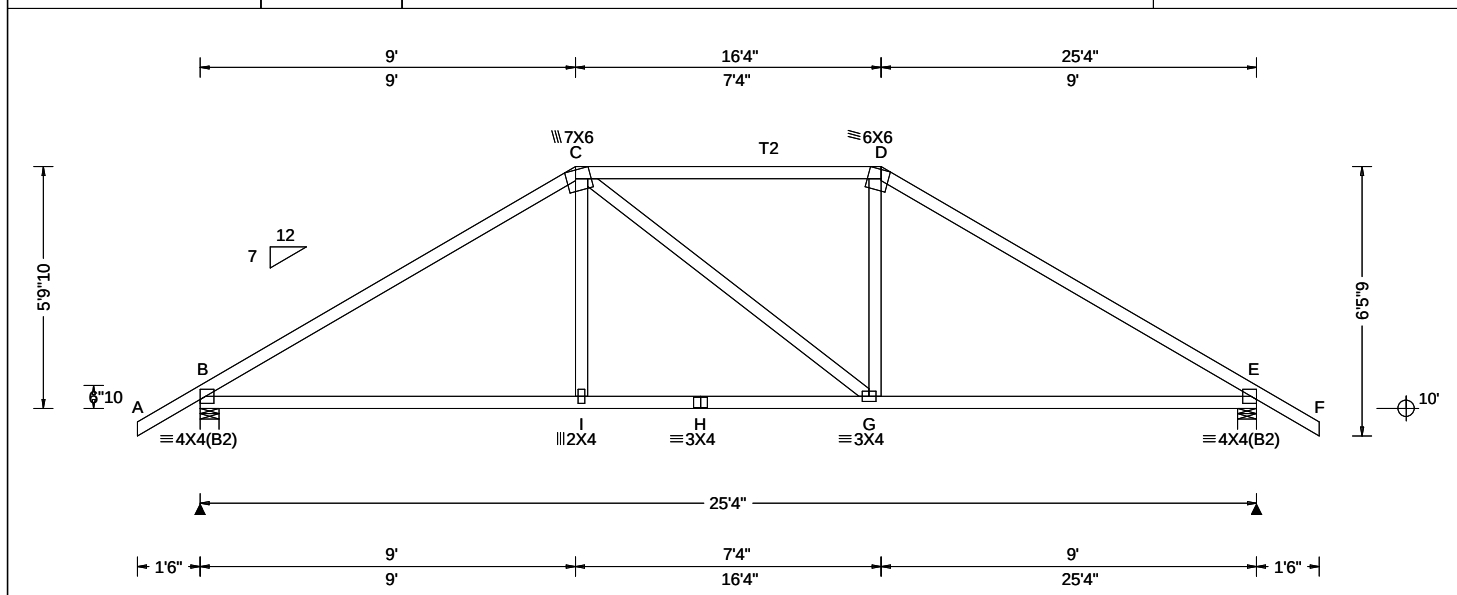
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 46141 / FROM:	COMN Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: A02	Cust: R 215 JRef: 1Y1S2150010 T130 DrwNo: 205.24.1159.14360 NW / DF 07/23/2024
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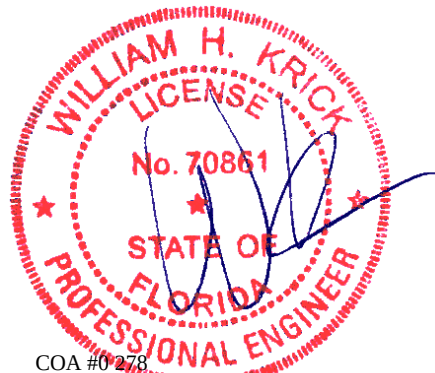
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.041 I 999 240 VERT(CL): 0.077 I 999 180 HORZ(LL): 0.027 E - - HORZ(TL): 0.050 E - - Creep Factor: 2.0 Max TC CSI: 0.675 Max BC CSI: 0.762 Max Web CSI: 0.189 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1270 /- /- /688 /205 /180 E 1270 /- /- /688 /205 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & 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. B - C 576 -1674 D - E 576 -1671 C - D 578 -1334

Lumber Top chord: 2x4 SP M-31; T2 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - I 1323 -336 H - G 1329 -334 I - H 1329 -334 G - E 1320 -352
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Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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.



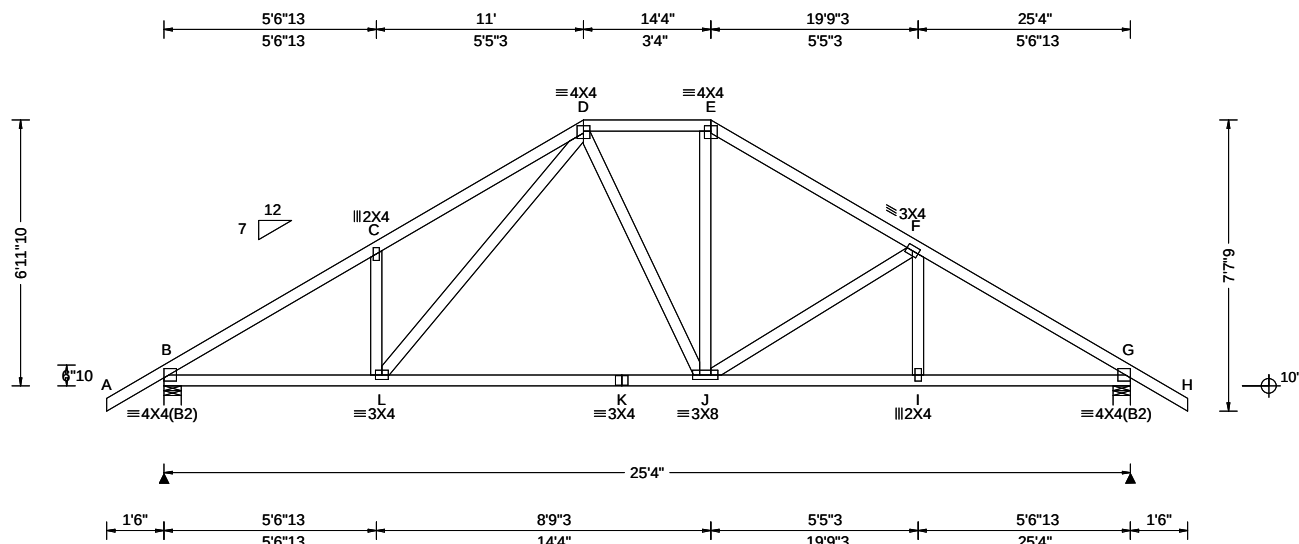
COA #0278

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SEQN: 46143 / FROM:	COMN Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: A03	Cust: R 215 JRef: 1Y1S2150010 T131 DrwNo: 205.24.1159.11053 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.079 L 999 240 VERT(CL): 0.152 L 999 180 HORZ(LL): 0.040 G - - HORZ(TL): 0.076 G - - Creep Factor: 2.0 Max TC CSI: 0.615 Max BC CSI: 0.890 Max Web CSI: 0.272 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1234 -/- /- /691 /202 /210 G 1211 -/- /- /691 /202 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 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 424 -1797 E - F 428 -1358 C - D 548 -1758 F - G 429 -1694 D - E 417 -1105

Lumber

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

Loading

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

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.



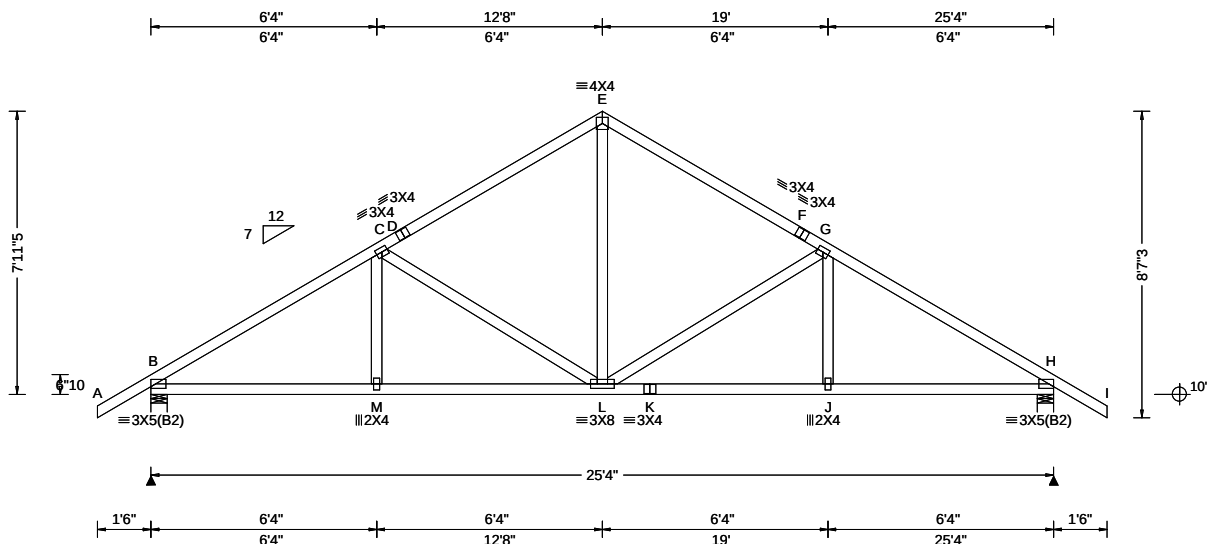
COA #0278

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Glenview, IL 60025

SEQN: 47607 / FROM:	COMN Ply: 1 Qty: 8	Job Number: 24-1284 Logan Jack Truss Label: A04	Cust: R 215 JRef: 1Y1S2150010 T123 DrwNo: 205.24.1159.12401 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCcp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.067 L 999 240 VERT(CL): 0.136 L 999 180 HORZ(LL): 0.034 H - - HORZ(TL): 0.070 H - - Creep Factor: 2.0 Max TC CSI: 0.551 Max BC CSI: 0.569 Max Web CSI: 0.484 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1155 - / - / - /690 /19 /235 H 1155 - / - / - /690 /19 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 306 -1591 E - F 306 -1109 C - D 273 -1130 F - G 274 -1130 D - E 306 -1109 G - H 307 -1591

Lumber

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

Wind

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

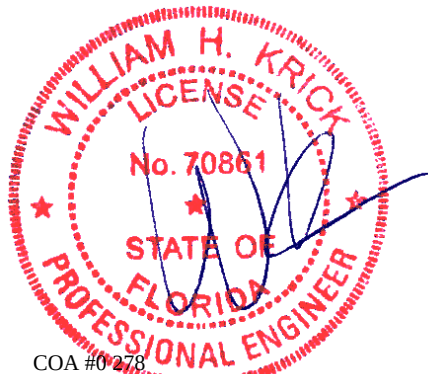
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - M	1280 -141	K - J	1279 -153
M - L	1279 -142	J - H	1280 -152
L - K	1279 -153		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - L	176 -459	L - G	175 -459
E - L	640 -125		



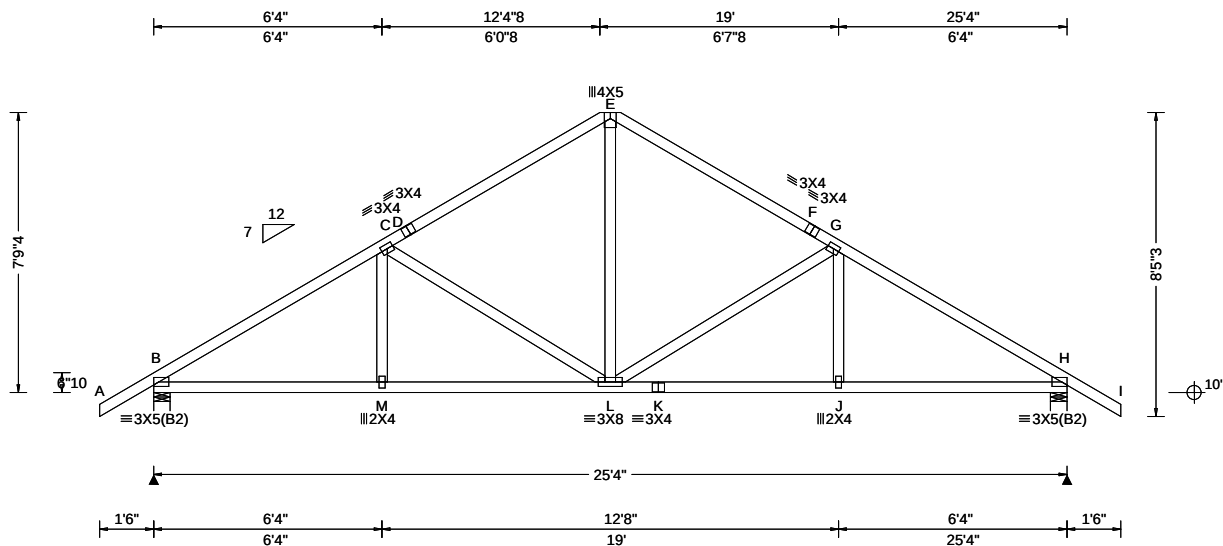
COA #0278

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SEQN: 46151 / FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: A05	Cust: R 215 JRef: 1Y1S2150010 T58 / DrwNo: 205.24.1159.12119 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.067 L 999 240 VERT(CL): 0.136 L 999 180 HORZ(LL): 0.034 H - - HORZ(TL): 0.070 H - - Creep Factor: 2.0 Max TC CSI: 0.551 Max BC CSI: 0.569 Max Web CSI: 0.484 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1155 - / - / - /684 /18 /232 H 1155 - / - / - /684 /18 - /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 298 -1591 E - F 296 -1109 C - D 265 -1130 F - G 265 -1130 D - E 296 -1109 G - H 299 -1591

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - M	1280 -134	K - J	1279 -147
M - L	1279 -135	J - H	1280 -146
L - K	1279 -147		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - L	178 -458	E - L	640 -125
L - G	177 -458		



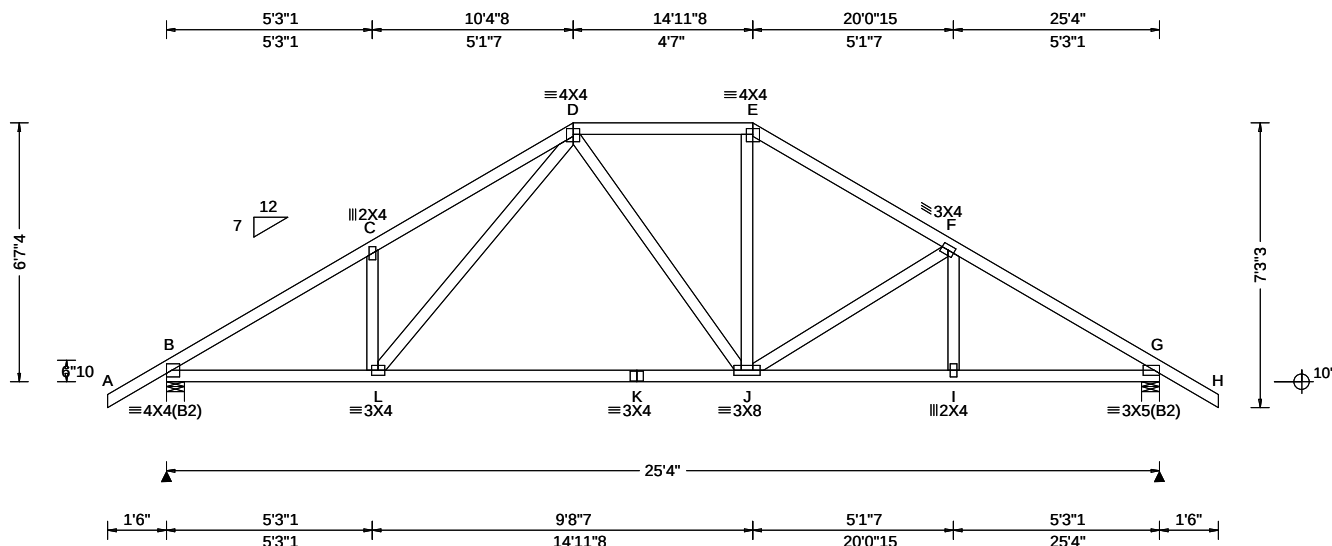
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46153 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: A06	Cust: R 215 JRef:1Y1S2150010 T44 / DrwNo: 205.24.1159.11978 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.066 J 999 240 VERT(CL): 0.135 J 999 180 HORZ(LL): 0.034 G - - HORZ(TL): 0.070 G - - Creep Factor: 2.0 Max TC CSI: 0.555 Max BC CSI: 0.744 Max Web CSI: 0.229 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1155 /- /- /691 /53 /200 G 1155 /- /- /691 /53 /- Non-Gravity Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 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 462 -1640 E - F 475 -1278 C - D 575 -1599 F - G 473 -1602 D - E 460 -1042

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.

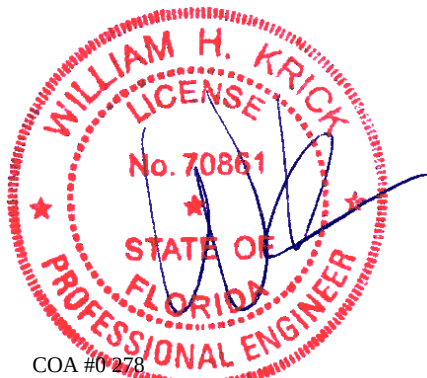
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - L	1329 -280	J - I	1297 -308
L - K	1002 -208	I - G	1298 -307
K - J	1002 -208		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
L - D	500 -113



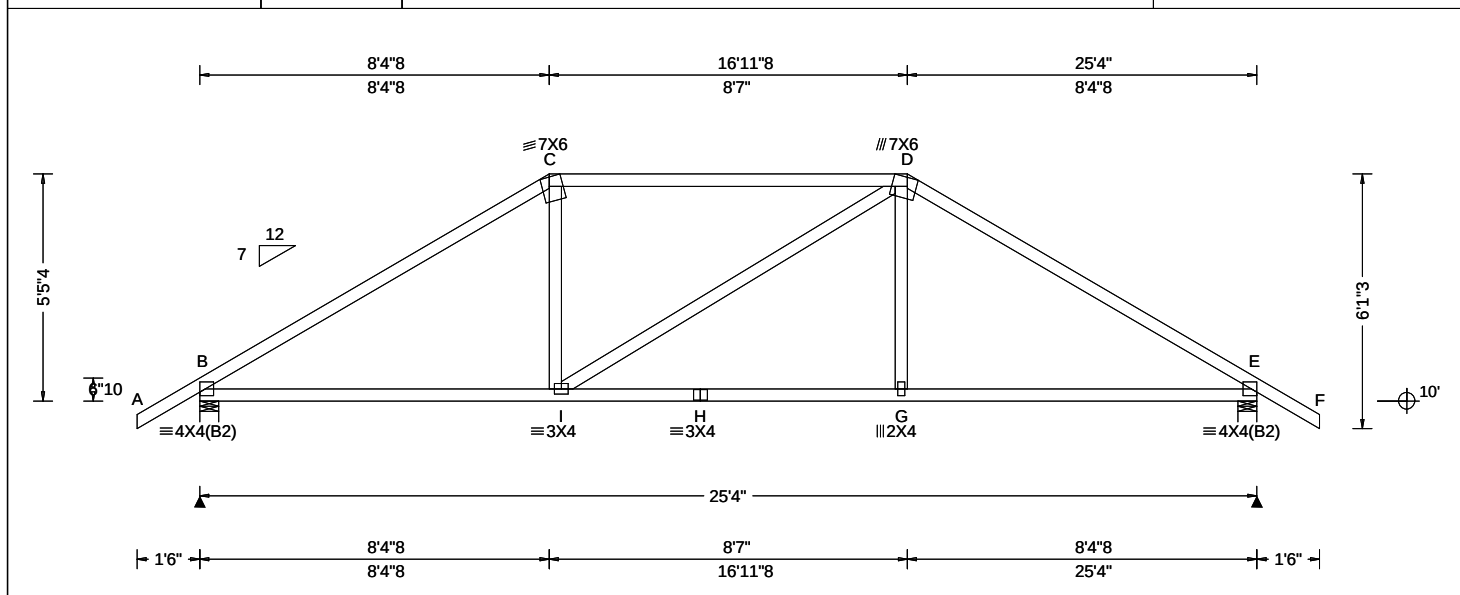
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46159 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: A07	Cust: R 215 JRef: 1Y1S2150010 T41 / DrwNo: 205.24.1159.10708 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.049 G 999 240 VERT(CL): 0.100 G 999 180 HORZ(LL): 0.025 E - - HORZ(TL): 0.050 E - - Creep Factor: 2.0 Max TC CSI: 0.758 Max BC CSI: 0.700 Max Web CSI: 0.217 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1155 /- /- /685 /206 /170 E 1155 /- /- /685 /206 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & 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. B - C 635 -1527 D - E 633 -1529 C - D 626 -1215

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.



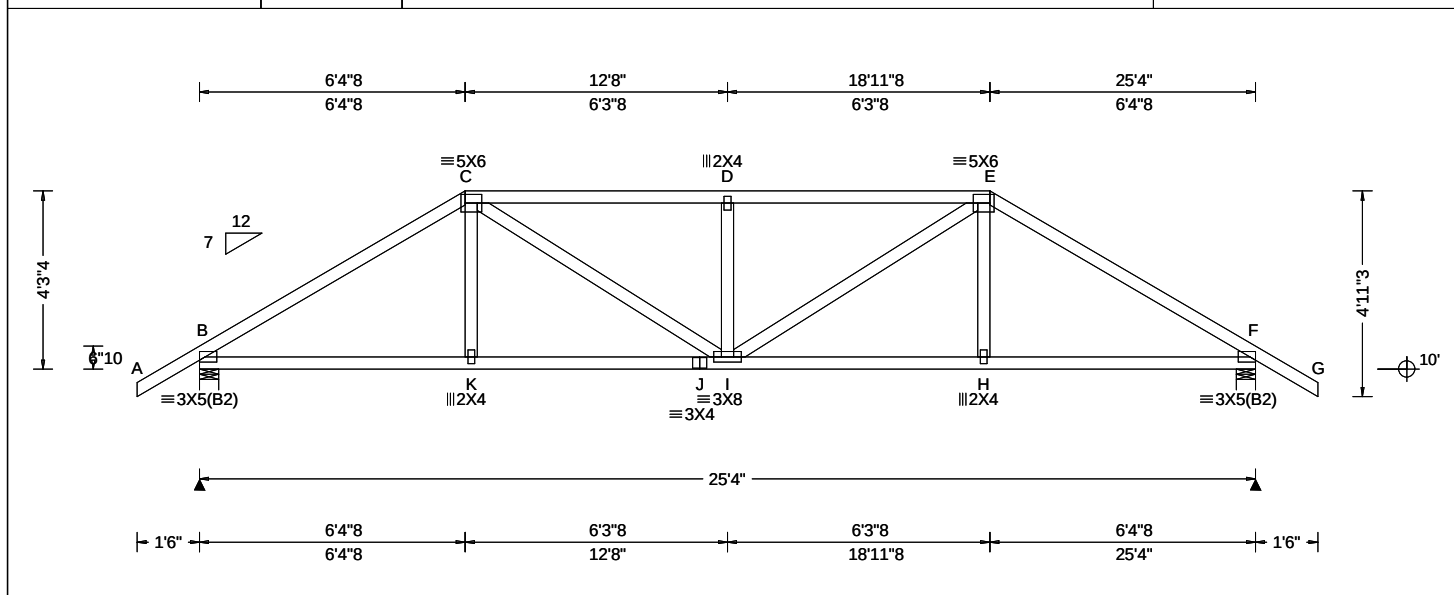
COA #0278

Florida Certificate of Product Approval #FL 1999

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

SEQN: 46161 / FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: A08	Cust: R 215 JRef: 1Y1S2150010 T9 / DrwNo: 205.24.1159.13451 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.085 D 999 240 VERT(CL): 0.174 D 999 180 HORZ(LL): 0.034 F - - HORZ(TL): 0.068 F - - Creep Factor: 2.0 Max TC CSI: 0.556 Max BC CSI: 0.558 Max Web CSI: 0.359 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1155 /- /- /675 /209 /140 F 1155 /- /- /675 /209 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 5.5 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 737 -1585 D - E 983 -1710 C - D 983 -1710 E - F 738 -1585

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.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - K	1272 -513	I - H	1276 -513
K - J	1276 -509	H - F	1272 -516
J - I	1276 -509		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - I	513 -360	I - E	513 -360
D - I	427 -413		



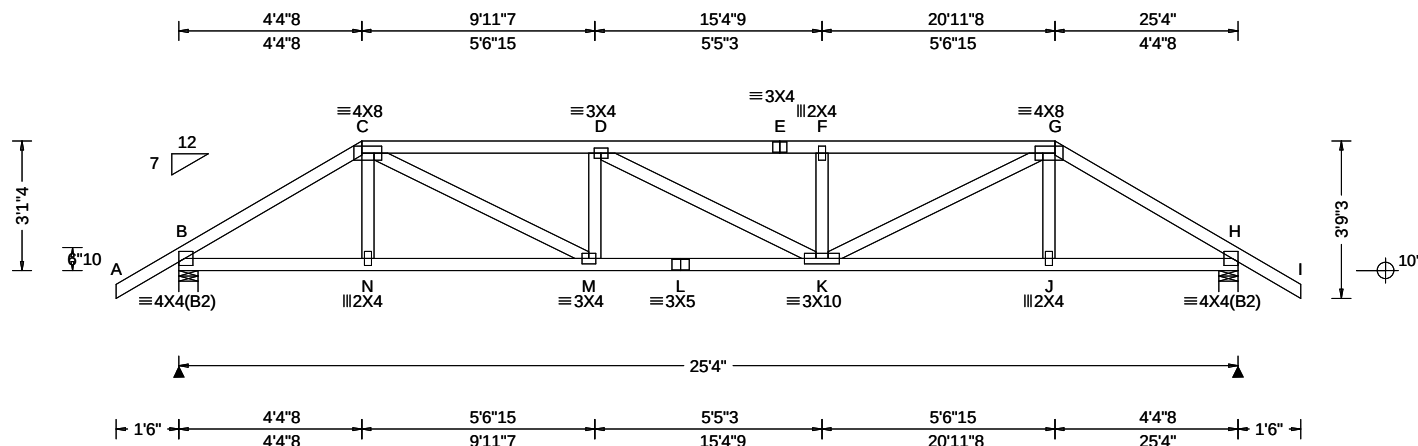
COA #0278

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

SEQN: 46165 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: A09	Cust: R 215 JRef: 1Y1S2150010 T96 / DrwNo: 205.24.1159.14235 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.130 F 999 240 VERT(CL): 0.266 F 999 180 HORZ(LL): 0.040 H - - HORZ(TL): 0.082 H - - Creep Factor: 2.0 Max TC CSI: 0.514 Max BC CSI: 0.645 Max Web CSI: 0.467 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1155 - / - / - / 658 / 212 / 110 H 1155 - / - / - / 658 / 212 / - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 845 - 1628 E - F 1352 - 2279 C - D 1330 - 2251 F - G 1353 - 2279 D - E 1352 - 2279 G - H 845 - 1628

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.

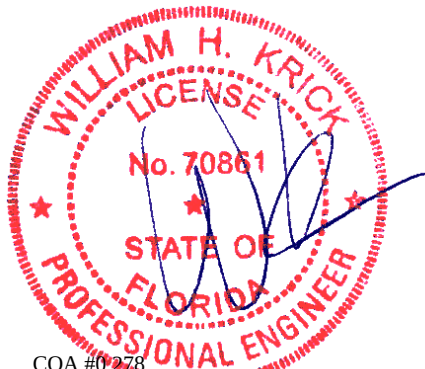
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - N	1327 - 629	L - K	2288 - 1232
N - M	1329 - 625	K - J	1329 - 614
M - L	2288 - 1232	J - H	1326 - 618

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - M	1038 - 650	K - G	1063 - 672



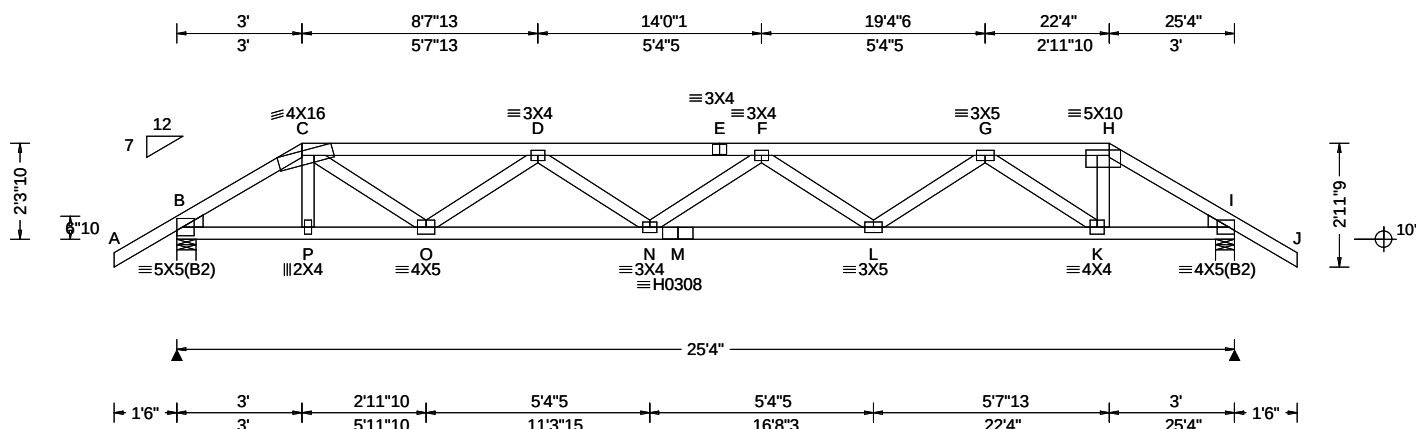
COA #0278

07/24/2024
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46177 / FROM:	HIPS Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: A10	Cust: R 215 JRef:1Y1S2150010 T8 / DrwNo: 205.24.1159.13922 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.215 F 999 240 VERT(CL): 0.432 F 699 180 HORZ(LL): 0.049 I - - HORZ(TL): 0.100 I - - Creep Factor: 2.0 Max TC CSI: 0.339 Max BC CSI: 0.509 Max Web CSI: 0.586 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 1513 -/- /- /- /327 -/ I 1447 -/- /- /- /284 -/ Wind reactions based on MWFRS 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 474 - 2201 F - G 751 - 4096 C - D 617 - 3087 G - H 327 - 1861 D - E 854 - 4316 H - I 385 - 2102 E - F 854 - 4316

Lumber

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

Special Loads

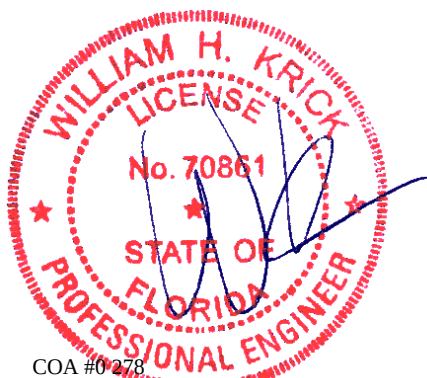
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 3.00
TC: From 32 plf at 3.00 to 32 plf at 17.10
TC: From 63 plf at 17.10 to 63 plf at 26.83
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 3.03
BC: From 10 plf at 3.03 to 10 plf at 17.10
BC: From 20 plf at 17.10 to 20 plf at 25.33
BC: From 5 plf at 25.33 to 5 plf at 26.83
TC: 120 lb Conc. Load at 3.03
TC: 68 lb Conc. Load at 5.06, 7.06, 9.06,11.06
13.06,15.06
BC: 71 lb Conc. Load at 3.03
BC: 54 lb Conc. Load at 5.06, 7.06, 9.06,11.06
13.06,15.06
BC: 312 lb Conc. Load at 17.10

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.



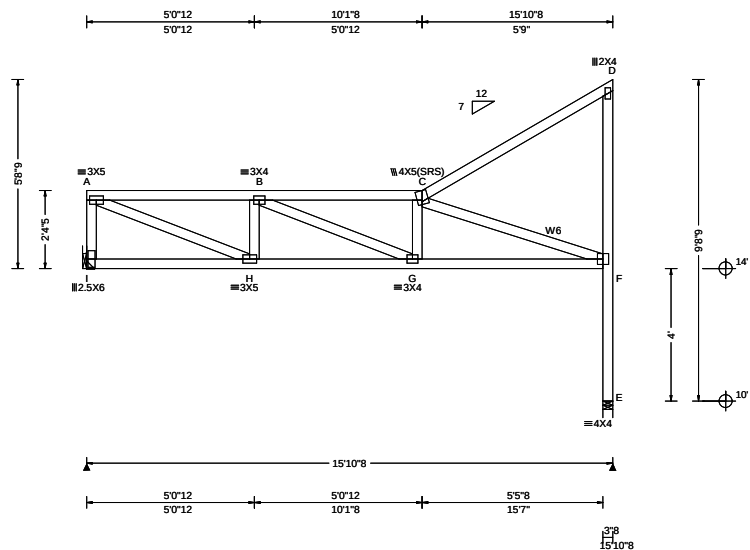
COA #0278

07/24/2024
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34487 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B01	Cust: R 215 JRef: 1Y1S2150010 T106 DrwNo: 205.24.1456.45663 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.04 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.044 G 999 240 VERT(CL): 0.090 G 999 180 HORZ(LL): -0.023 D - - HORZ(TL): 0.047 D - - Creep Factor: 2.0 Max TC CSI: 0.472 Max BC CSI: 0.473 Max Web CSI: 0.482 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 654 /- /- /327 /118 /118 E 660 /- /- /409 /146 /- Wind reactions based on MWFRS I Brg Wid = - Min Req = - E Brg Wid = 3.5 Min Req = 1.5 (Support) Bearing E 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 796 - 1123 B - C 659 - 1247

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W6 2x4 SP M-31;

Hangers / Ties

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

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

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

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

Bearing I (0', 14') LUS26

Supporting Member: (1)2x6 SP 2400f-2.0E
into supporting member,
into supported member.

Purlins

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

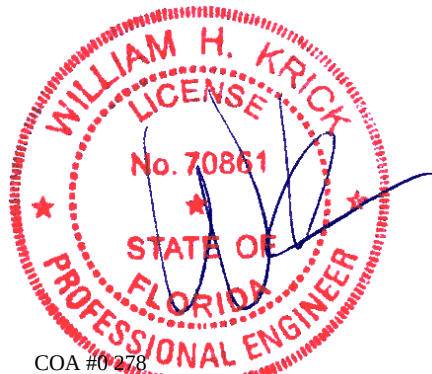
Wind

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.

BEARING LEG DOWN DESIGNED FOR VERTICAL LOADS ONLY. THE BUILDING DESIGNER MUST PROVIDE FOR PROPER LATERAL BRACING OF THE BEARING BELOW THIS TRUSS.



COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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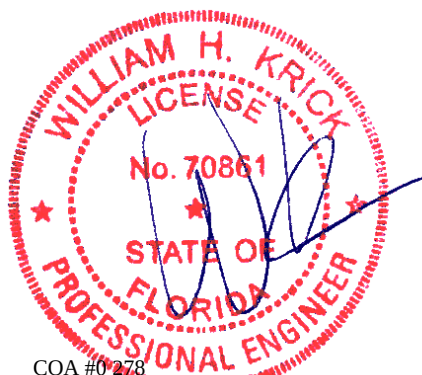
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

Lumber	Additional Notes	C - D	687 - 3875	K - L	877 - 4822
Top chord: 2x4 SP M-31; T5 2x4 SP #2;	WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.	D - E	776 - 4333	L - M	735 - 4096
Bot chord: 2x4 SP M-31; B1,B2 2x6 SP 2400f-2.0E;		E - F	914 - 5118	M - N	618 - 3418
Webs: 2x4 SP M-31; W28 2x6 SP 2400f-2.0E;		F - G	1191 - 6648	N - O	618 - 3418
Lt Sliding: 2x6 SP 2400f-2.0E; block length = 1.500'		G - H	1394 - 7755	O - P	275 - 1519
		H - I	1395 - 7755	P - Q	275 - 1519
Bracing		I - J	1374 - 7587	Q - R	275 - 1519

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.

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

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.	Comp.	Webs	Tens.	Comp.
AJ- D	133	- 574	AA- Z	3717	- 672
D -AI	972	- 176	AA- L	1669	- 314
E -AH	2131	- 385	Z - L	598	- 23
AH- F	331	-1591	Z - M	294	-1575
F -AG	1978	- 353	M - W	134	- 758
AG- G	285	-1354	W - O	1381	- 249
G -AE	1519	- 274	N - W	153	- 388
AE- I	239	-1312	O - T	346	- 1913
I -AC	679	-3741	Q - T	161	- 406
AC- J	2853	- 472	T - R	2588	- 468
J -AA	452	-2577	R - S	436	- 2241
AA- K	2461	- 364			



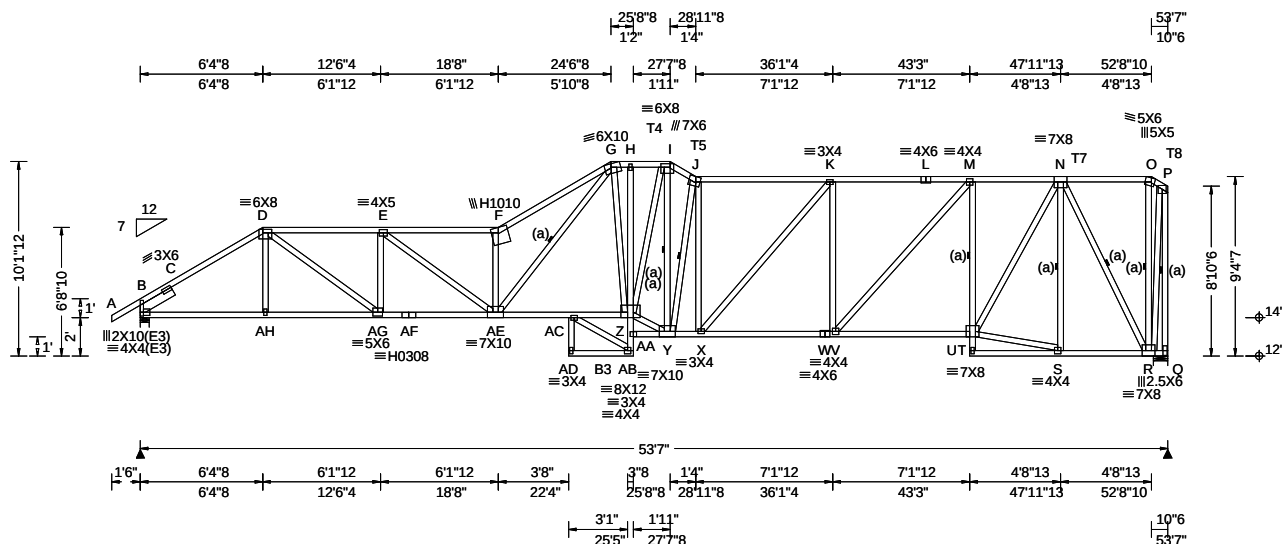
COA #0278

07/24/2024
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SEQN: 105879 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B03	Cust: R 215 JRef: 1Y1S2150010 T115 DrwNo: 205.24.1459.22597 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.14 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 5.36 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.523 F 999 240 VERT(CL): 1.082 F 594 180 HORZ(LL): 0.117 R - - HORZ(TL): 0.242 R - - Creep Factor: 2.0 Max TC CSI: 0.662 Max BC CSI: 0.504 Max Web CSI: 0.805 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2331 - / - / - /1342 /178 /210 Q 2226 - / - / - /1143 /334 - / - Non-Gravity Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.9 (Truss) Q Brg Wid = 9.0 Min Req = 1.8 (Truss) Bearings B & R 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 M-31; T4, T5, T7, T8 2x4 SP #2;
Bot chord: 2x4 SP M-31; B3 2x4 SP #2;
Webs: 2x4 SP M-31;
Lt Slider: 2x6 SP 2400F-2.0E; block length = 2.032'

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

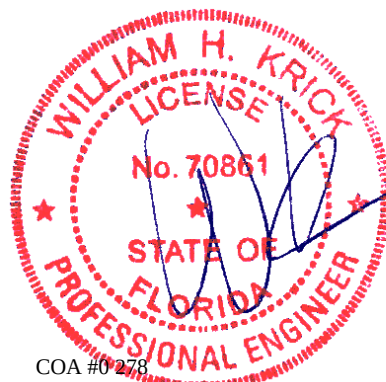
Plating Notes
All plates are 2X4 except as noted.

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

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



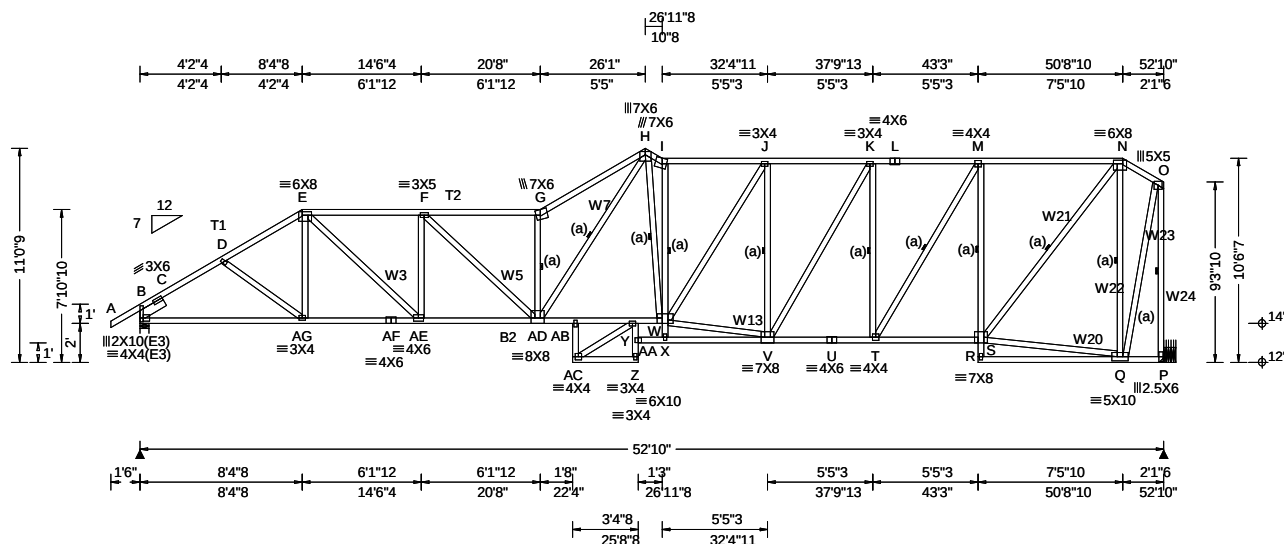
COA #0 278

07/24/2024
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34461 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B04	Cust: R 215 JRef: 1Y1S2150010 T192 DrwNo: 205.24.1459.26613 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.58 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 5.28 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.482 G 999 240 VERT(CL): 0.996 G 636 180 HORZ(LL): 0.122 E - - HORZ(TL): 0.252 E - - Creep Factor: 2.0 Max TC CSI: 0.814 Max BC CSI: 0.848 Max Web CSI: 0.889 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2300 - / - / - /1346 /190 /236 P 2195 - / - / - /1126 /321 - / - Non-Gravity Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 2.7 (Truss) P 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; T1,T2 2x4 SP M-31;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3; W3,W5,W20,W21,W22,W23,
W24 2x4 SP M-31; W7,W13 2x4 SP #2;
Lt Slider: 2x6 SP 2400F-2.0E; block length = 1.500'

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

Wind loads 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

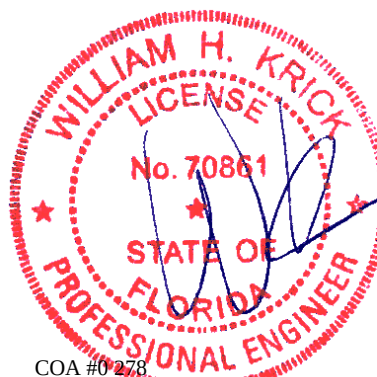
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - AG	2662 - 1253	AA- W	2946 - 1234
AG-AF	2804 - 1256	Y - X	380 - 172
AF-AE	2804 - 1256	X - V	414 - 185
AE-AD	4199 - 1858	V - U	2583 - 1075
AD-AB	3327 - 1408	U - T	2583 - 1075
AB-AA	3332 - 1410	T - R	1925 - 788

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
E - AE	1827 - 780	V - K	843 - 401
AE - F	575 - 1111	K - T	573 - 1035
F - AD	1018 - 339	T - M	1264 - 561
AD - G	1450 - 3225	M - R	740 - 1548
AD - H	3149 - 1364	R - Q	438 - 185
H - W	1714 - 711	R - N	2288 - 948
I - W	856 - 1831	Q - N	894 - 1872
W - J	884 - 356	Q - O	1999 - 813
W - V	2660 - 1122	O - P	881 - 2207
J - V	617 - 1140		



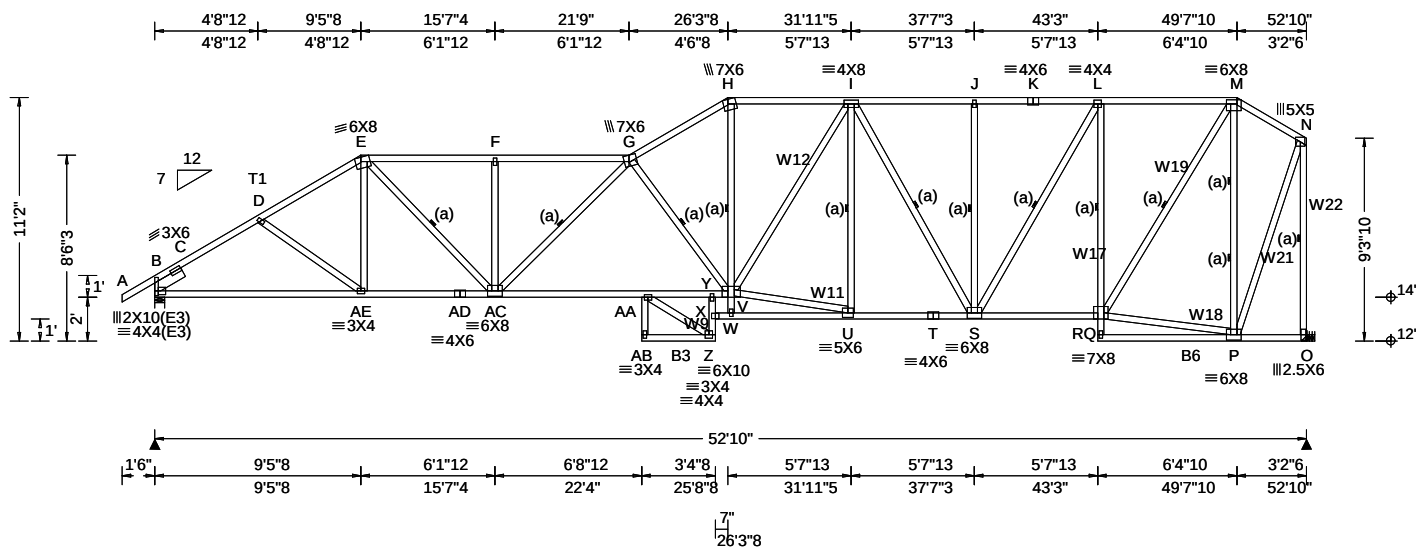
COA #0278

07/24/2024
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 34056	MONO	Ply: 1	Job Number: 24-1284	Cust: R 215	JRef: 1Y1S2150010	T194
FROM:		Qty: 1	Logan Jack	DrwNo: 205.24.1459.35280		
			Truss Label: B05	AK / WHK	07/23/2024	



Leading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.372 AB 999 240	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.769 AB 824 180	B 2300 /- /- /1355 /199 /240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.107 P - -	O 2195 /- /- /1117 /305 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.222 P - -	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 18.65 ft	Building Code:	Creep Factor: 2.0	B Brg Wid = 5.5 Min Req = 1.9 (Truss)
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.799	O Brg Wid = - Min Req = -
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.719	Bearing B is a rigid surface.
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.809	Members not listed have forces less than 375#
	C&C Dist a: 5.28 ft	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: not in 13.00 ft	Plate Type(s):		Chords Tens.Comp. Chords Tens. Comp.
	GCpi: 0.18			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	B - C 1321 -3507 H - I 1448 -3277

Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31;
Bot chord: 2x4 SP M-31; B3,B6 2x4 SP #2;
Webs: 2x4 SP #3; W9,W11,W12,W17,W18,W19,W21,
W22 2x4 SP M-31;
Lt Slider: 2x6 SP 2400f-2.0E: block length = 1.556'

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

Wind loads 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

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

COA #0 278

07/24/2024
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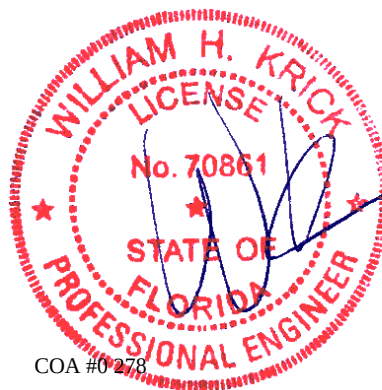
Notes page for additional information:
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens.	Comp.
B -AE	2713 - 1265	Y - W	378	- 423
AE-AD	2775 - 1231	W - U	394	- 425
AD-AC	2775 - 1231	U - T	2833	- 1215
AC-AA	4511 - 1963	T - S	2833	- 1215
AA -X	4340 - 1763	S - Q	1794	- 743
X - V	4115 - 1527			

Maximum Web Forces Per Ply (lbs)

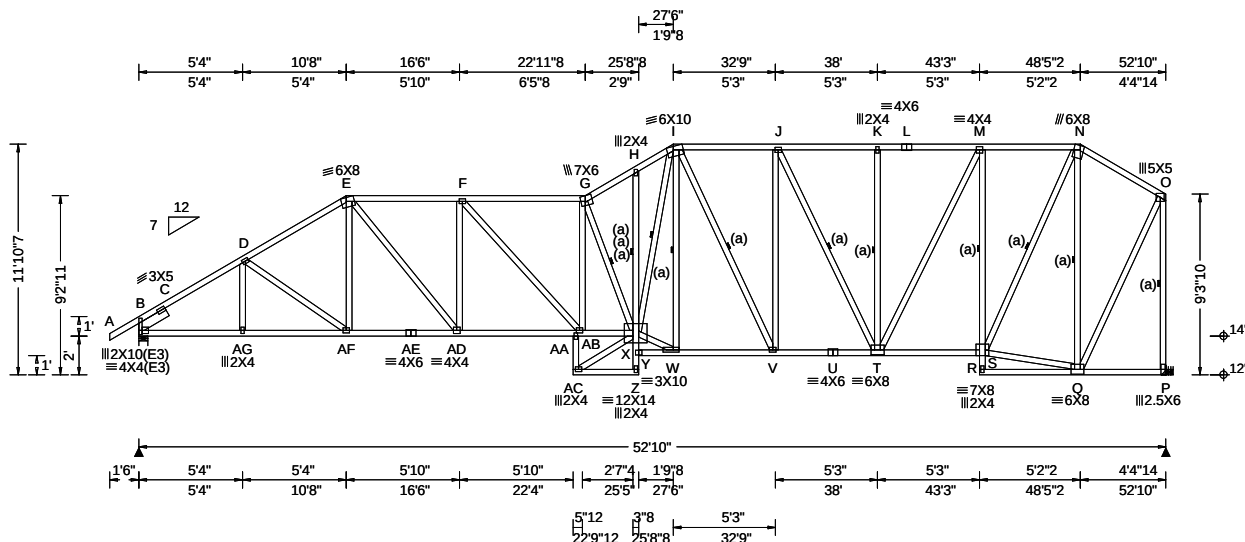
Webbs	Tens.Comp.	Webbs	Tens. Comp.
E -AC	1629 -720	S - L	1282 -578
F -AC	339 -406	L - Q	729 -1516
AC- G	321 -934	Q - P	601 -247
G - V	989 -2052	Q - M	2115 -887
H - V	1574 -584	P - M	812 -1731
V - U	2491 -806	P - N	1856 -752
V - I	873 -286	N - O	902 -2180
I - S	412 -814		



ALPINE
AN ITW COMPANY

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

SEQN: 34049 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B06	Cust: R 215 JRef: 1Y1S2150010 T196 DrwNo: 205.24.1459.43430 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 5.28 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.299 AC 999 240 VERT(CL): 0.618 AC 999 180 HORZ(LL): 0.099 Q - - HORZ(TL): 0.204 Q - - Creep Factor: 2.0 Max TC CSI: 0.579 Max BC CSI: 0.429 Max Web CSI: 0.833 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2300 - / - / - / 1367 / 192 / 261 P 2195 - / - / - / 1115 / 275 / - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.9 (Truss) P 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 M-31;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP M-31;
Lt Slider: 2x6 SP 2400F-2.0E; block length = 1.730'

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

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

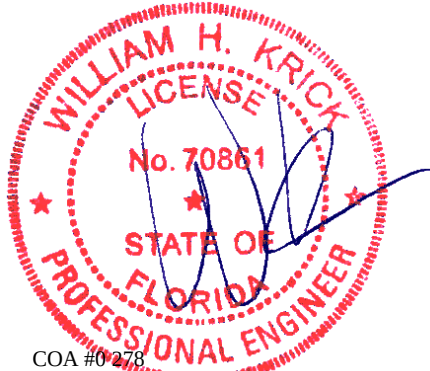
Plating Notes
All plates are 3X4 except as noted.

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



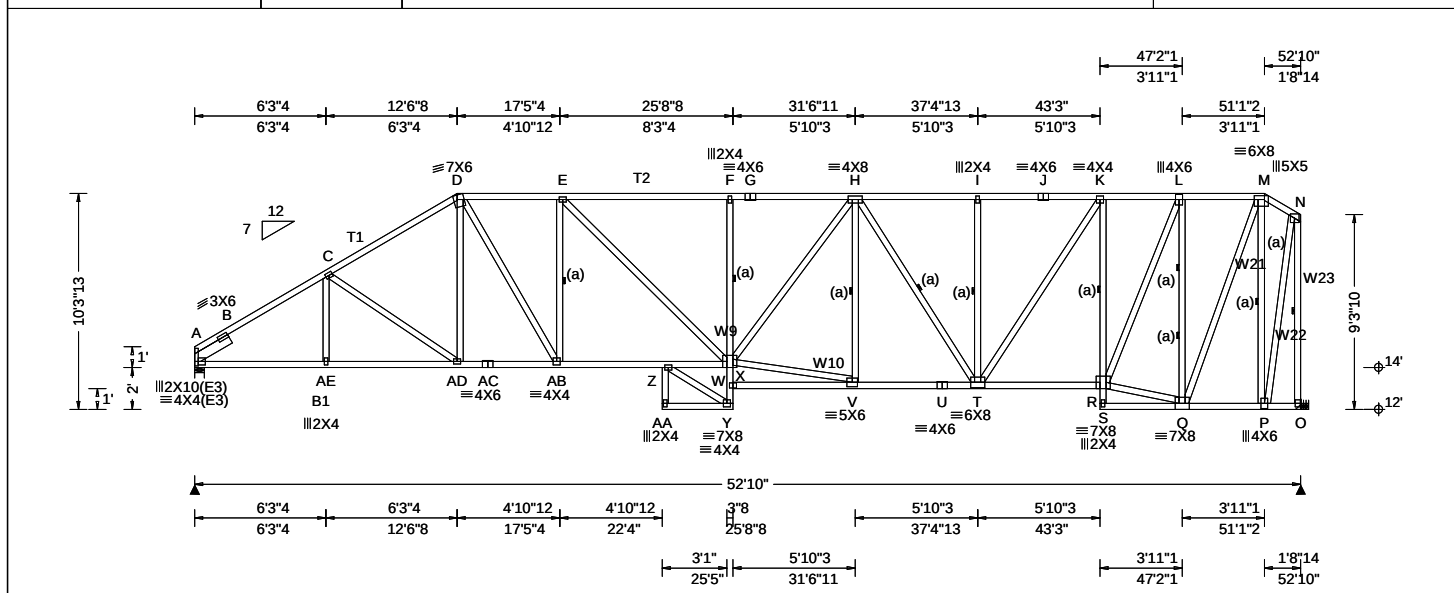
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34042 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B07	Cust: R 215 JRef: 1Y1S2150010 T10 DrwNo: 205.24.1459.47373 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.98 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 5.28 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.319 AA 999 240 VERT(CL): 0.664 AA 955 180 HORZ(LL): 0.111 P - - HORZ(TL): 0.232 P - - Creep Factor: 2.0 Max TC CSI: 0.599 Max BC CSI: 0.815 Max Web CSI: 0.871 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 2197 - / - / - / 1102 - / 201 O 2197 - / - / - / 1013 - / - Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.8 (Truss) O Brg Wid = - Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord: 2x4 SP #2; T1,T2 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
Webs: 2x4 SP #3; W9,W10 2x4 SP #2; W21,W22,
W23 2x4 SP M-31;
Lt Slider: 2x6 SP 2400F-2.0E; block length = 2.002'

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

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

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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - AE	2795 -106	Z - W	3031 0
AE-AD	2792 -106	X - V	444 -15
AD-AC	2653 0	V - U	3117 0
AC-AB	2653 0	U - T	3117 0
AB - Z	3247 0	T - R	1957 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - AB	1106 0	T - K	1345 0
AB - E	0 -838	K - R	0 -1435
E - W	602 0	R - L	2060 0
F - W	0 -467	R - Q	1167 0
W - V	2720 0	L - Q	0 -2141
W - H	918 0	Q - M	2036 0
V - H	0 -405	M - P	0 -1883
H - T	0 -792	P - N	1967 0
I - T	0 -387	N - O	0 -2179



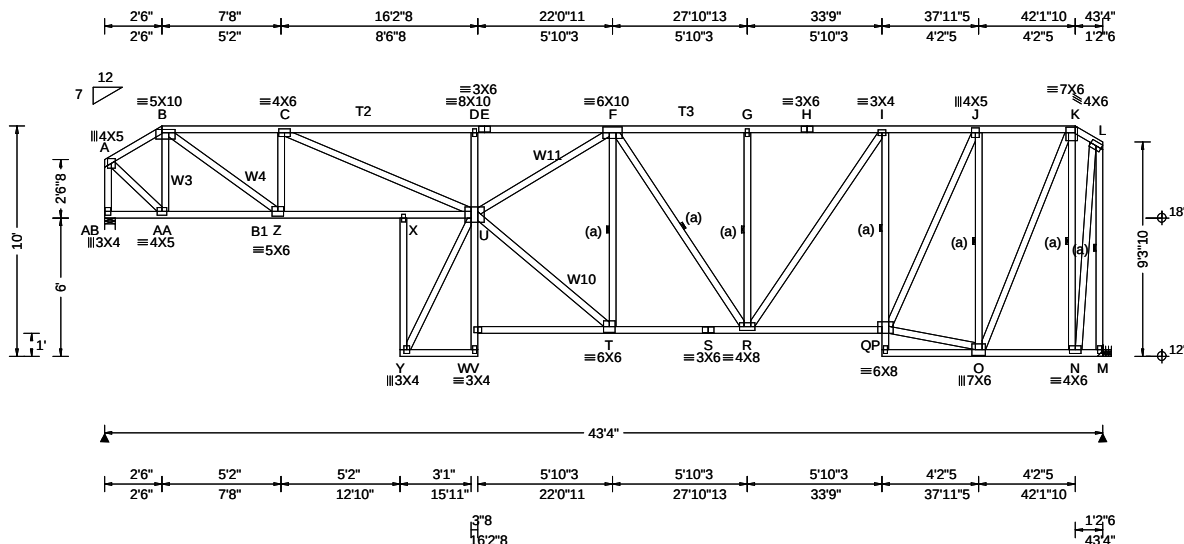
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 34018 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B08	Cust: R 215 JRef: 1Y1S2150010 T40 DrwNo: 205.24.1459.50557 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 23.34 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.33 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.355 Y 999 240 VERT(CL): 0.739 Y 703 180 HORZ(LL): 0.114 N - - HORZ(TL): 0.236 N - - Creep Factor: 2.0 Max TC CSI: 0.659 Max BC CSI: 0.626 Max Web CSI: 0.846 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL AB 1802 - / - / 923 - / 40 M 1799 - / - / 910 - / - Wind reactions based on MWFRS AB Brg Wid = 5.5 Min Req = 1.5 (Truss) M Brg Wid = - Min Req = - Bearing AB is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
Webs: 2x4 SP #3; W3,W4 2x4 SP M-31; W10,
W11 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

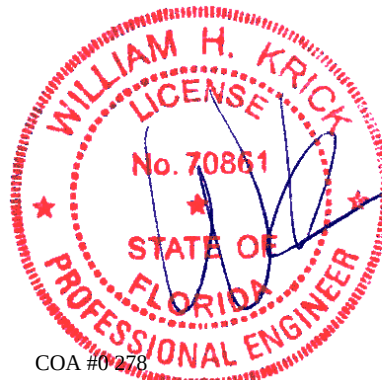
Wind

Wind loads 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.

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



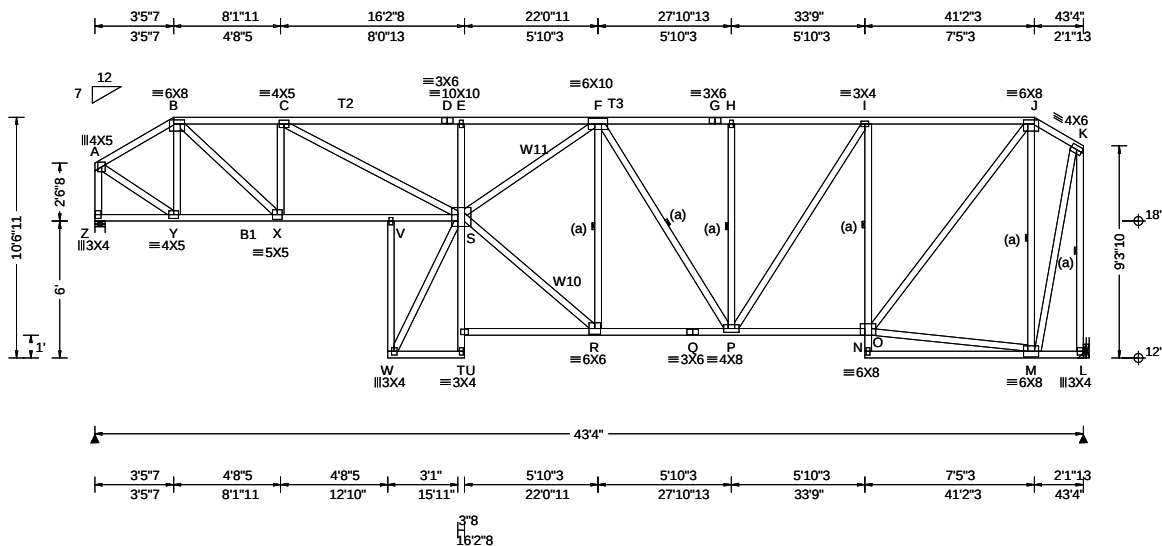
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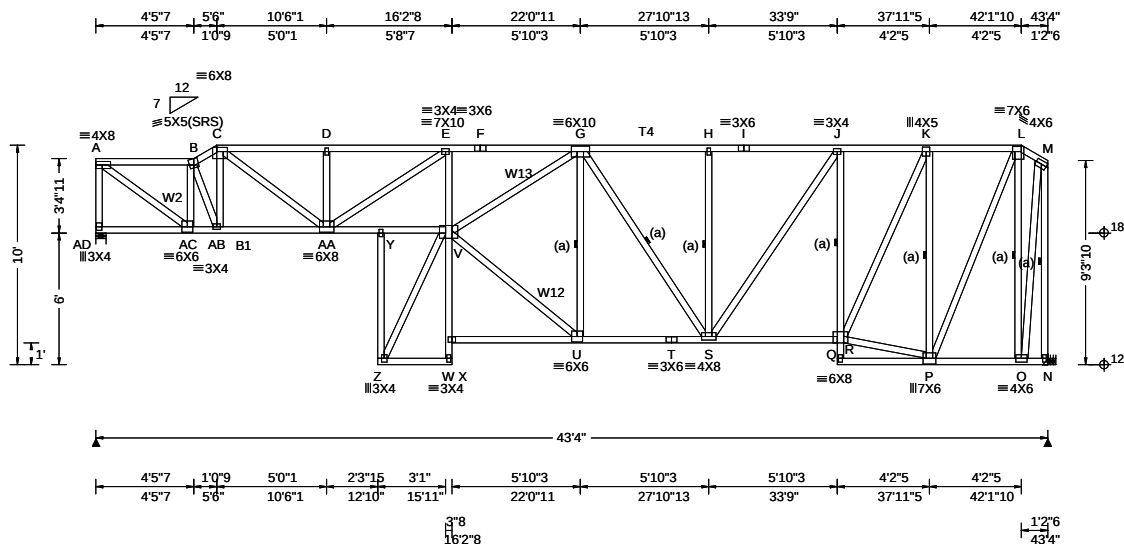
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SEQN: 105882 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B09	Cust: R 215 JRef: 1Y1S2150010 T113 DrwNo: 205.24.1459.54797 AK / WHK 07/23/2024
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SEQN: 33976 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B10	Cust: R 215 JRef: 1Y1S2150010 T45 DrwNo: 205.24.1459.57983 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 24.88 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.33 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.361 Z 999 240 VERT(CL): 0.751 Z 692 180 HORZ(LL): 0.119 O - - HORZ(TL): 0.247 O - - Creep Factor: 2.0 Max TC CSI: 0.756 Max BC CSI: 0.654 Max Web CSI: 0.846 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL AD 1802 /- /- /912 /- /19 N 1799 /- /- /927 /- /- Wind reactions based on MWFRS AD Brg Wid = 5.5 Min Req = 1.5 (Truss) N Brg Wid = - Min Req = - Bearing AD 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; T4 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
Webs: 2x4 SP #3; W2,W12,W13 2x4 SP #2;

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

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

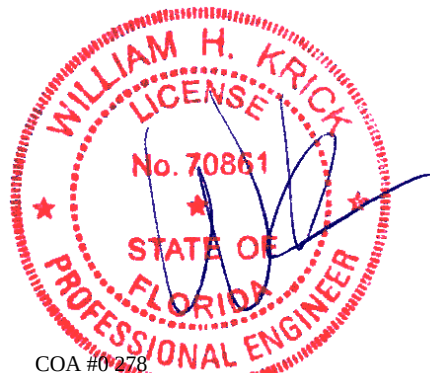
Plating Notes
All plates are 2X4 except as noted.

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

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

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

Deflection
Max JT VERT DEFL: LL: 0.36" DL: 0.39". See detail DEFLCMB1014 for camber recommendations.
Provide for adequate drainage of roof.



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The drawing consists of two views of a roof truss system.

Plan View (Top): Shows the layout of the truss members and joints. Key dimensions include a total width of 43'4" and a total length of 43'4". The truss is composed of various members labeled with letters (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and numbers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12). The truss is supported by a central vertical member (W12) and a diagonal member (W13). The truss is divided into several bays, with dimensions for each bay provided.

Side Elevation View (Bottom): Shows the profile of the truss. Key dimensions include a total height of 10' and a total length of 43'4". The truss is supported by a central vertical member (W12) and a diagonal member (W13). The truss is divided into several bays, with dimensions for each bay provided.

Lumber	Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).	B - C	0 - 2765	H - I	0 - 2082
Top chord: 2x4 SP #2; T4 2x4 SP M-31;		C - D	0 - 3744	I - J	0 - 2082
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;		D - E	0 - 3743	J - K	0 - 1565
Webs: 2x4 SP #3; W2 2x4 SP M-31; W12, W13 2x4 SP #2;		E - F	0 - 4814	K - L	0 - 887
		F - G	0 - 4814		

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

Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc.		<table> <tr> <th>webs</th><th>Tens.Comp.</th></tr> <tr> <td>A -AD</td><td>0 -1766</td></tr> <tr> <td>A -AC</td><td>2547 0</td></tr> <tr> <td>AC - B</td><td>0 -1682</td></tr> </table>	webs	Tens.Comp.	A -AD	0 -1766	A -AC	2547 0	AC - B	0 -1682	<table> <tr> <th>webs</th><th>Tens. Comp.</th></tr> <tr> <td>S - J</td><td>894 0</td></tr> <tr> <td>J - Q</td><td>0 -1050</td></tr> <tr> <td>O - K</td><td>1566 0</td></tr> </table>	webs	Tens. Comp.	S - J	894 0	J - Q	0 -1050	O - K	1566 0
webs	Tens.Comp.																		
A -AD	0 -1766																		
A -AC	2547 0																		
AC - B	0 -1682																		
webs	Tens. Comp.																		
S - J	894 0																		
J - Q	0 -1050																		
O - K	1566 0																		

Wind	C-AA	1842	0	Q - P	925	0
Wind loads based on MWFRS with additional C&C member design.	AA- E	0	-1268	K - P	0	-1698
End verticals not exposed to wind pressure.	E - V	375	0	P - L	1699	0
Wind loading based on both gable and hip roof types.	V - U	2770	0	L - O	0	-1602
	V - G	3008	0	O - M	1612	0
	U - G	0	-1658	M - N	0	-1750
	U - G	0	0			

Deflection
Max JT VERT DEFL: LL: 0.35" DL: 0.38". See detail
DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

COA #0278
07/24/2024
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Glenview, IL 60025

[illegible]

Lumber	Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).	B - C	0 - 3181	I - J	0 - 2506
Top chord: 2x4 SP #2; T1 2x4 SP M-31;		C - D	0 - 2943	J - K	0 - 2506
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;		D - E	0 - 2966	K - L	0 - 1823
Webbs: 2x4 SP #3; W9 2x4 SP #2; W10,W19,W21,W22, W23 2x4 SP M-31;		E - F	0 - 2966	L - M	0 - 1043
Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.972'		F - G	0 - 3257	M - N	0 - 377
		G - H	0 - 3257		

Plating Notes	AE-AD	2613	- 111	X - V	464	0
All plates are 3X4 except as noted.	AD-AC	2613	- 111	V - U	2866	0
	AC-AB	2468	0	U - T	2866	0
Hangers / Ties	AB- Z	3261	0	T - R	1848	0

Hangers / Ties	AB- Z	3261	0	T - R	1848	0
(J) Hanger Support Required, by others						

Purlins	Webs	Tens.Comp.	Webs	Tens. Comp.
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	D-AB	954 0	R-L	1907 0
	AB-E	524 0	R-Q	1907 0

Wind	W - V	2441	0	L - Q	0	-2004
Wind loads based on MWFRS with additional C&C member design.	W - H	638	-54	Q - M	1933	0
Right end vertical not exposed to wind pressure.	H - T	0	-655	M - P	0	-1801
Wind loading based on both gable and hip roof types.	I - T	0	-378	P - N	1870	0
	T - K	1203	0	N - O	0	-2053
	K - R	0	-1313			

Additional Notes

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

COA #0278

A circular red seal for a Florida Professional Engineer. The outer ring contains the text "FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom. In the center, there is a blue ink signature. Below the seal, the text "COA #0278" is printed.

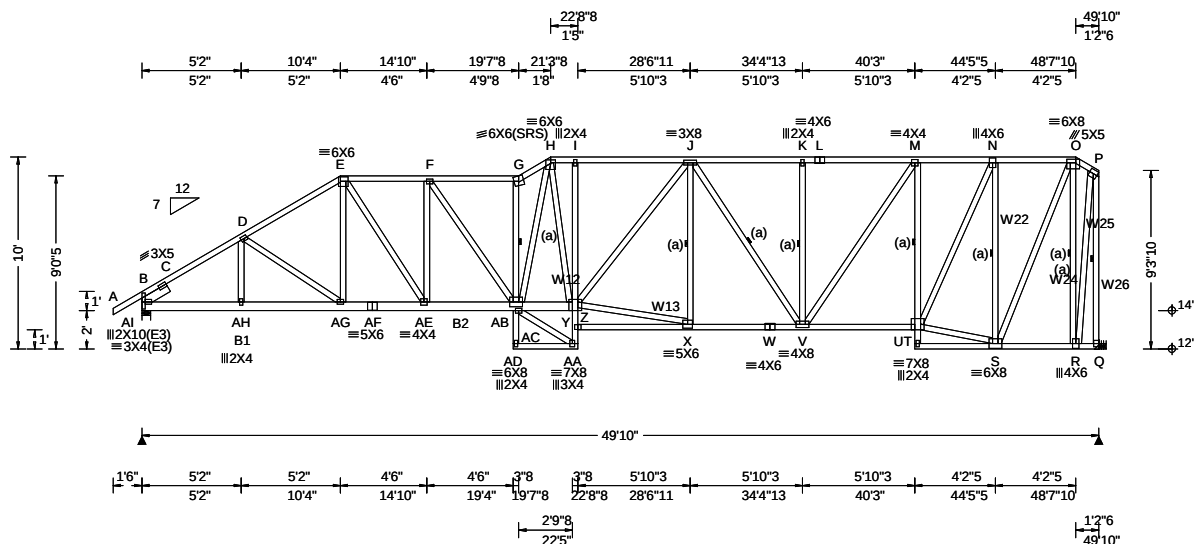
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155 Harlem Ave
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 Glenview, IL 60025

SEQN: 33960 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B13	Cust: R 215 JRef: 1Y1S2150010 T51 DrwNo: 205.24.1500.09020 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 22.05 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.98 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.297 G 999 240 VERT(CL): 0.614 G 974 180 HORZ(LL): 0.074 R - - HORZ(TL): 0.153 R - - Creep Factor: 2.0 Max TC CSI: 0.671 Max BC CSI: 0.738 Max Web CSI: 0.755 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL AI 2175 - / - / - /1295 - / /213 Q 2068 - / - / - /1088 - / - Wind reactions based on MWFRS AI Brg Wid = 5.5 Min Req = 1.8 (Truss) Q Brg Wid = - Min Req = - Bearing AI 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 456 -3204 I - J 180 -3389 C - D 455 -3148 J - K 0 -2559 D - E 478 -3056 K - L 0 -2559 E - F 462 -3239 L - M 0 -2559 F - G 300 -3662 M - N 0 -1863 G - H 393 -4287 N - O 0 -1037 H - I 182 -3393

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B1,B2 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W12,W13,W22,W24,W25,
W26 2x4 SP M-31;
Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.556'

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

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

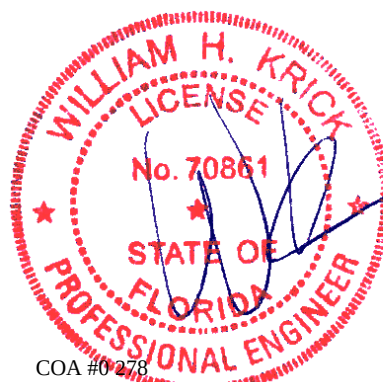
Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
B - AH	2613 -588	AB- Y	3111 -229
AH-AG	2608 -588	Z - X	444 0
AG-AF	2575 -479	X - W	2927 0
AF-AE	2575 -479	W - V	2927 0
AE-AC	3277 -474	V - T	1888 0
AC-AB	3331 -202		

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
E - AE	1211 -4	K - V	0 -375
AE - F	42 -884	V - M	1207 -12
F - AC	686 0	M - T	0 -1313
AC - G	345 -2265	T - N	1913 0
AC - H	1643 -504	T - S	1082 0
H - Y	395 0	N - S	0 -2009
Y - X	2534 0	S - O	1983 0
Y - J	738 -348	O - R	0 -1855
X - J	58 -411	R - P	1891 0
J - V	168 -660	P - Q	0 -2037



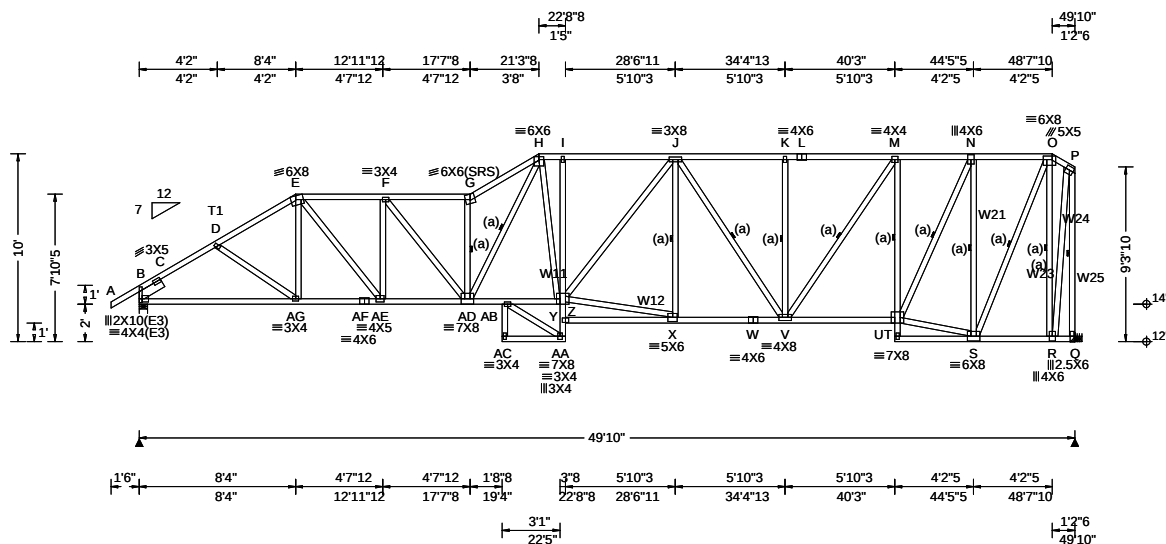
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 33952 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B14	Cust: R 215 JRef: 1Y1S2150010 T53 DrwNo: 205.24.1500.12390 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.06 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.98 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.379 G 999 240 VERT(CL): 0.783 G 763 180 HORZ(LL): 0.109 R - - HORZ(TL): 0.226 R - - Creep Factor: 2.0 Max TC CSI: 0.653 Max BC CSI: 0.893 Max Web CSI: 0.843 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL B 2175 - / - / 1275 / 185 / 205 Q 2070 - / - / 1057 / 324 - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 2.6 (Truss) Q 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; T1 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W11 2x4 SP #2; W12, W21, W23, W24,
W25 2x4 SP M-31;
Lt Slider: 2x6 SP 2400F-2.0E; block length = 1.500'

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

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

Plating Notes
All plates are 2X4 except as noted.

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

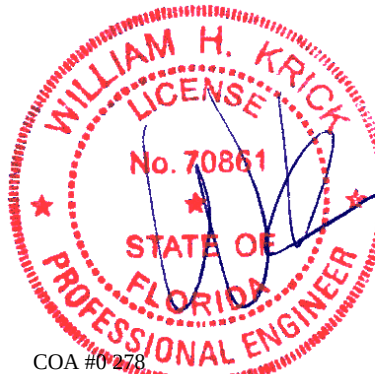
Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
B - AG	2488 - 1177	AB - Y	3084 - 1316
AG-AF	2610 - 1170	Z - X	436 - 220
AF-AE	2610 - 1170	X - W	2927 - 1248
AE-AD	3612 - 1614	W - V	2927 - 1248
AD-AB	3303 - 1432	V - T	1888 - 753

Maximum Web Forces Per Ply (lbs)	Maximum Bot Chord Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.	Chords Tens.Comp. Chords Tens. Comp.
E - AE 1503 - 661	V - M 1206 - 533
AE - F 534 - 1068	M - T 619 - 1313
F - AD 977 - 356	T - N 1913 - 780
AD - G 1234 - 2718	T - S 1083 - 435
AD - H 2212 - 977	N - S 896 - 2009
H - Y 536 - 148	S - O 1983 - 800
Y - X 2535 - 1044	R - P 1893 - 772
Y - J 684 - 331	O - R 817 - 1857
J - V 364 - 660	P - Q 823 - 2039
K - V 226 - 375	



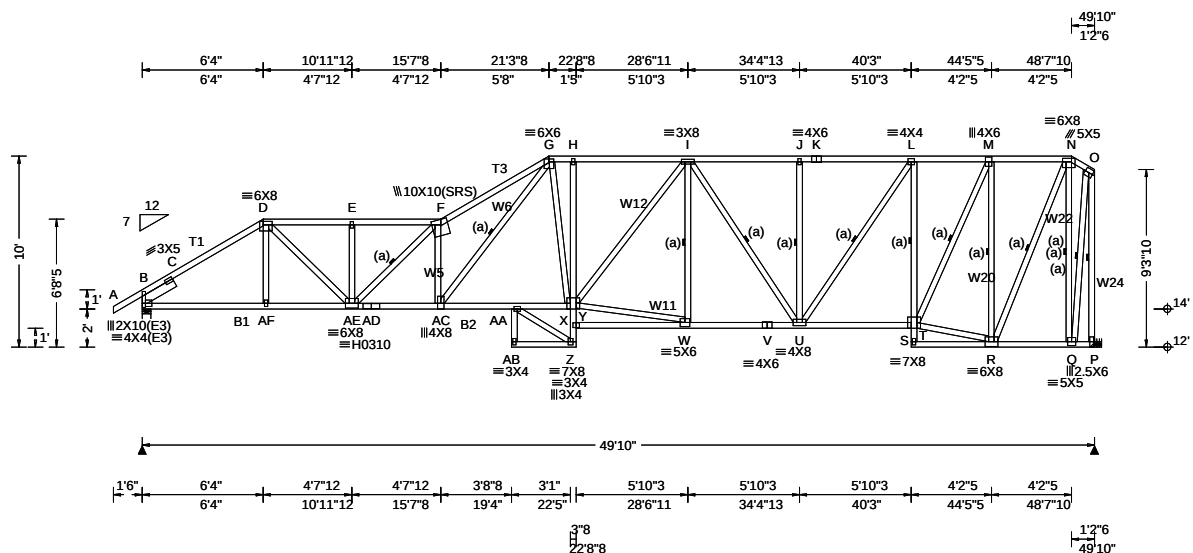
COA #0278

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

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

SEQN: 33946 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B15	Cust: R 215 JRef: 1Y1S2150010 T59 DrwNo: 205.24.1500.16720 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.06 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.98 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.400 F 999 240 VERT(CL): 0.828 F 722 180 HORZ(LL): 0.101 Q - - HORZ(TL): 0.209 Q - - Creep Factor: 2.0 Max TC CSI: 0.761 Max BC CSI: 0.735 Max Web CSI: 0.793 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 2175 - / - / - /1268 /184 /205 P 2070 - / - / - /1064 /325 - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.8 (Truss) P 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 1220 -3240 H - I 1456 -3356 C - D 1231 -3155 I - J 1065 -2559 D - E 1686 -4053 J - K 1065 -2559 E - F 1686 -4053 K - L 1065 -2559 F - G 2477 -5935 L - M 764 -1863 G - H 1455 -3359 M - N 446 -1038

Lumber
Top chord: 2x4 SP #2; T1,T3 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1,B2 2x4 SP M-31;
Webs: 2x4 SP #3; W5,W11,W12,W20,W22,
W24 2x4 SP M-31; W6 2x4 SP #2;
Lt Slider: 2x6 SP 2400F-2.0E; block length = 2.020'

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

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

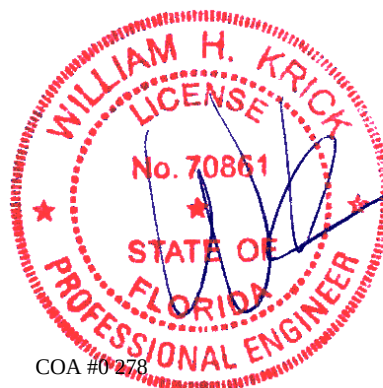
Plating Notes
All plates are 2X4 except as noted.

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

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

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



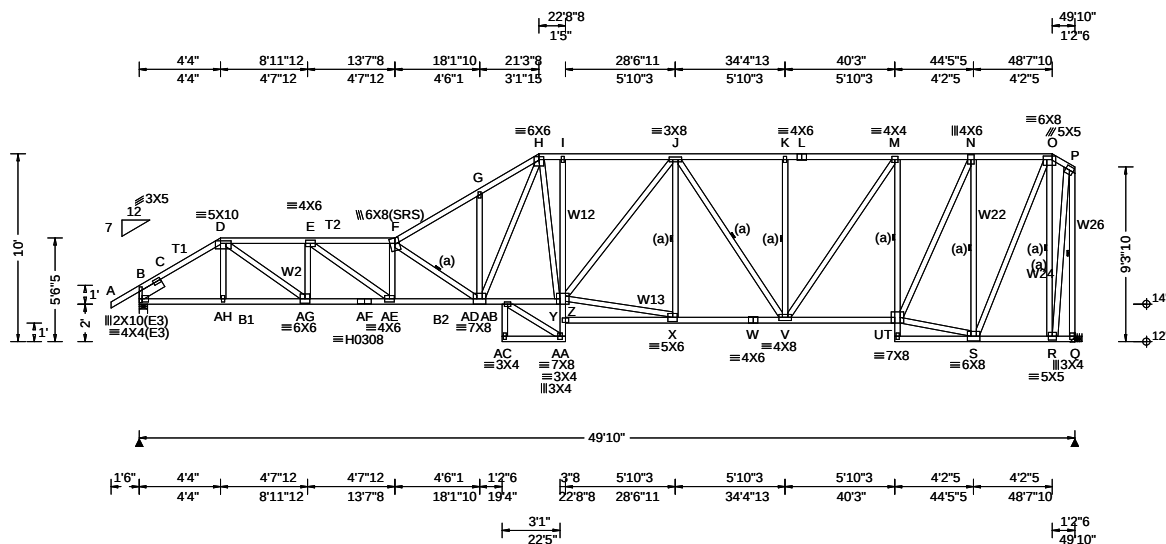
COA #0 278

07/24/2024
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCEA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33929 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B16	Cust: R 215 JRef: 1Y1S2150010 T74 DrwNo: 205.24.1500.20820 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 21.67 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.98 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.450 G 999 240 VERT(CL): 0.930 G 643 180 HORZ(LL): 0.112 R - - HORZ(TL): 0.233 R - - Creep Factor: 2.0 Max TC CSI: 0.637 Max BC CSI: 0.739 Max Web CSI: 0.791 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL B 2175 - / - /1273 - /212 Q 2068 - / - /1103 - /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.8 (Truss) Q 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 531 -3209 I - J 87 -3356 C - D 497 -3069 J - K 0 -2559 D - E 674 -4674 K - L 0 -2559 E - F 602 -6251 L - M 0 -2559 F - G 242 -4800 M - N 0 -1863 G - H 362 -4796 N - O 0 -1037 H - I 88 -3358

Lumber
Top chord: 2x4 SP #2; T1,T2 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1,B2 2x4 SP M-31;
Webs: 2x4 SP #3; W2,W12 2x4 SP #2; W13,W22,W24,
W26 2x4 SP M-31;
Lt Slider: 2x6 SP 2400F-2.0E; block length = 1.500'

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

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

Plating Notes
All plates are 2X4 except as noted.

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

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

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - AH	2476 -627	AB - Y	3084 -118
AH - AG	2470 -623	Z - X	433 0
AG - AF	4805 -859	X - W	2927 0
AF - AE	4805 -859	W - V	2927 0
AE - AD	6344 -767	V - T	1888 0
AD - AB	3301 -111		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - AG	2711 -269	K - V	0 -375
AG - E	199 -1465	V - M	1207 0
E - AE	1824 0	M - T	0 -1312
AE - F	0 -1035	T - N	1911 0
F - AD	567 -2768	T - S	1083 0
AD - H	2076 -512	N - S	0 -2011
Y - X	2539 0	S - O	1992 0
Y - J	690 -292	O - R	0 -1852
X - J	41 -377	R - P	1868 0
J - V	136 -660	P - Q	0 -2023



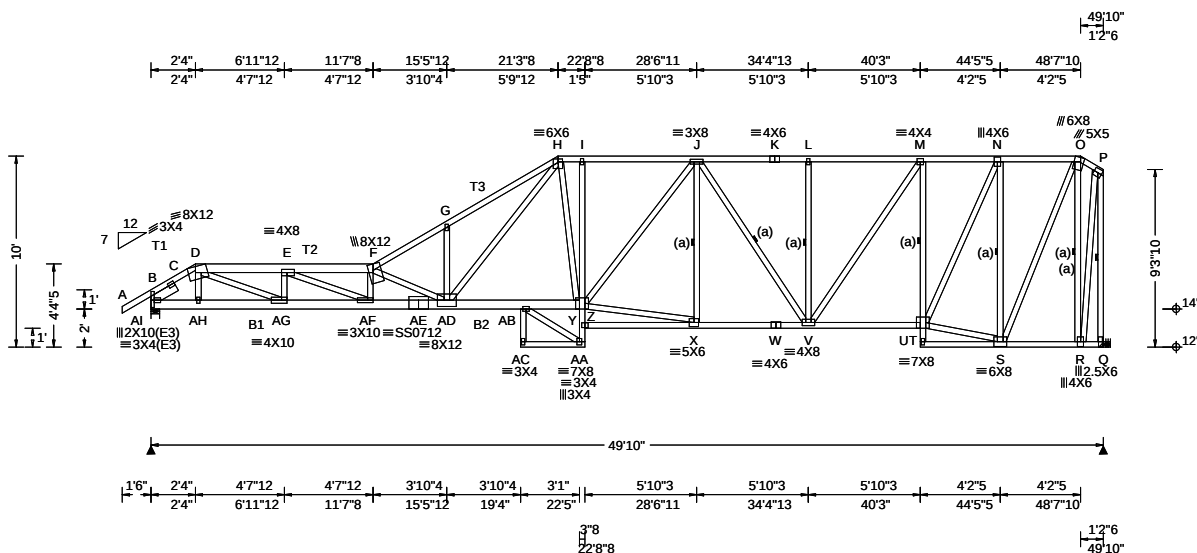
COA #0278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33910 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B17	Cust: R 215 JRef: 1Y1S2150010 T78 DrwNo: 205.24.1500.24500 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 21.09 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.98 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 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): 0.499 G 999 240 VERT(CL): 1.033 G 579 180 HORZ(LL): 0.096 R - - HORZ(TL): 0.198 R - - Creep Factor: 2.0 Max TC CSI: 0.729 Max BC CSI: 0.808 Max Web CSI: 0.880 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL AI 2200 - / - / - / - /450 - / - Q 2069 - / - / - / - /409 - / - Wind reactions based on MWFRS AI Brg Wid = 5.5 Min Req = 1.8 (Truss) Q Brg Wid = - Min Req = - Bearing AI 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; T1,T3 2x4 SP M-31;
T2 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP #2; B1,B2 2x6 SP 2400f-2.0E;
Webs: 2x4 SP M-31;
Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.500'

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

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 49.83
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 49.83
TC: 10 lb Conc. Load at 2.33
BC: 16 lb Conc. Load at 2.33

Plating Notes
All plates are 2X4 except as noted.

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

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

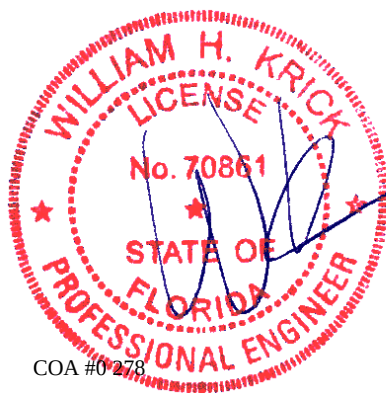
Wind
Wind loads and reactions based on MWFRS.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
B - C	584 -2983	I - J	665 -3383
C - D	563 -2922	J - K	506 -2561
D - E	1239 -6326	K - L	506 -2561
E - F	1797 -9163	L - M	506 -2561
F - G	1220 -6142	M - N	371 -1864
G - H	1238 -6181	N - O	204 -1038
H - I	665 -3387		

Maximum Bot Chord Forces Per Ply (lbs)	Maximum Web Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.	Webs Tens.Comp. Webs Tens. Comp.
B - AH 2358 -454	AD-AB 3340 -662
AH-AG 2334 -444	AB-Y 3180 -605
AG-AF 6569 -1297	X - W 2929 -579
AF-AE 9342 -1839	W - V 2929 -579
AE-AD 9342 -1839	V - T 1890 -378
D - AG 4343 -865	L - V 157 -376
AG - E 389 -1613	V - M 1208 -231
E - AF 2846 -548	M - T 324 -1315
AF - F 284 -1203	T - N 1913 -384
F - AD 898 -4567	T - S 1080 -211
AD - H 3154 -613	N - S 461 -2010
Y - X 2641 -480	S - O 1988 -391
Y - J 729 -141	O - R 412 -1856
X - J 161 -405	R - P 1883 -371
J - V 132 -660	P - Q 398 -2032



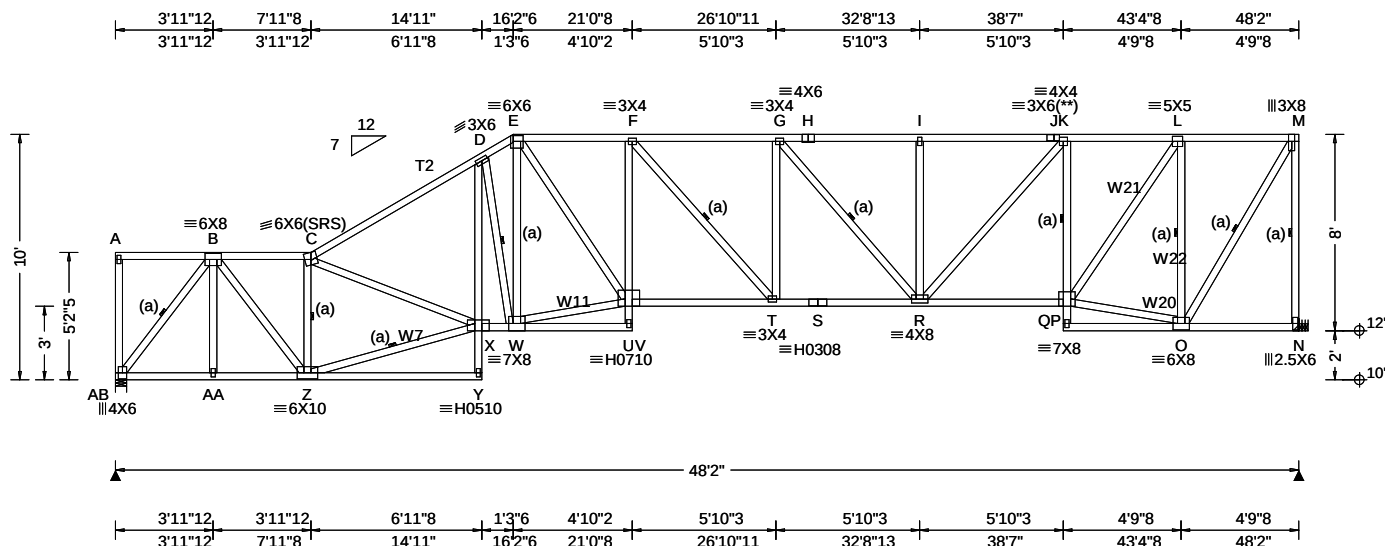
COA #0278

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

SEQN: 33898 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B18	Cust: R 215 JRef: 1Y1S2150010 T214 DrwNo: 205.24.1500.27263 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.60 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.82 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.294 F 999 240 VERT(CL): 0.612 F 944 180 HORZ(LL): 0.143 O - - HORZ(TL): 0.298 O - - Creep Factor: 2.0 Max TC CSI: 0.632 Max BC CSI: 0.897 Max Web CSI: 0.823 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL AB 2003 - / - / - /1085 /158 /128 N 2003 - / - / - /1036 /340 - Wind reactions based on MWFRS AB Brg Wid = 5.5 Min Req = 2.4 (Truss) N Brg Wid = - Min Req = - Bearing AB is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord: 2x4 SP #2; T2 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W7,W11 2x4 SP #2; W20,W21,
W22 2x4 SP M-31;

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

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

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

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

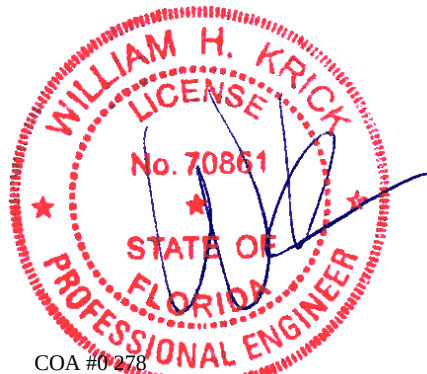
Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Deflection
Max JT VERT DEFL: LL: 0.29" DL: 0.32". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

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

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
AB-AA	1512 -766	T - S	3573 -1431
AA- Z	1512 -766	S - R	3573 -1431
X - W	3089 -1313	R - P	2365 -888
U - T	3641 -1522		

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
AB- B	896 -2400	G - R	339 -631
B - Z	1953 -659	R - K	1220 -496
Z - C	959 -2264	K - P	559 -1244
Z - X	2875 -1249	P - L	2038 -781
X - D	1063 -419	P - O	1188 -459
D - W	627 -1313	L - O	882 -2009
E - W	412 -181	O - M	2161 -837
E - U	1404 -580	M - N	813 -1963
W - U	2845 -1191		



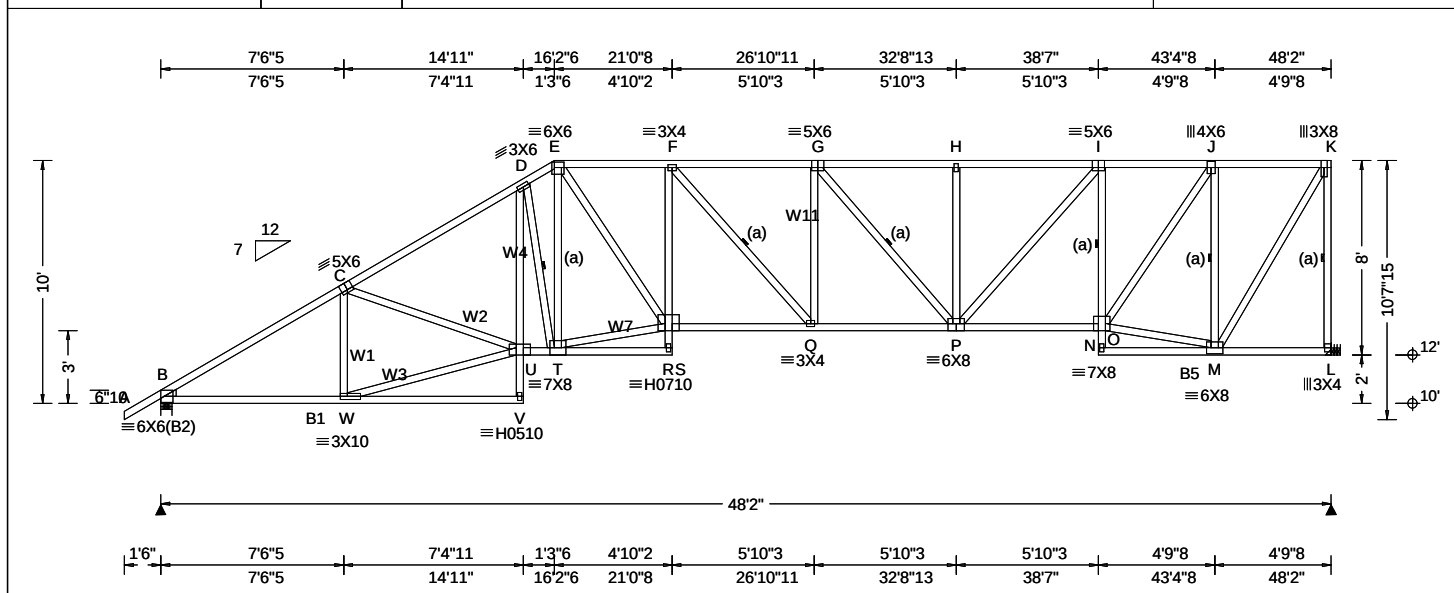
COA #0278

07/24/2024 Florida Certificate of Product Approval #FL 1999

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

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

SEQN: 33888 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B19	Cust: R 215 JRef: 1Y1S2150010 T216 DrwNo: 205.24.1500.46230 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 4.82 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.287 F 999 240 VERT(CL): 0.594 F 971 180 HORZ(LL): 0.147 M - - HORZ(TL): 0.304 M - - Creep Factor: 2.0 Max TC CSI: 0.415 Max BC CSI: 0.895 Max Web CSI: 0.821 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 2108 -/- /1511 -/- /270 L 1997 -/- /1486 -/- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.7 (Truss) L Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord: 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1, B5 2x4 SP M-31;
Webs: 2x4 SP #3; W1, W2, W3, W4, W7, W11 2x4 SP #2;
Lt Wedge: 2x4 SP #3;

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

Plating Notes
All plates are 2X4 except as noted.

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

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

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



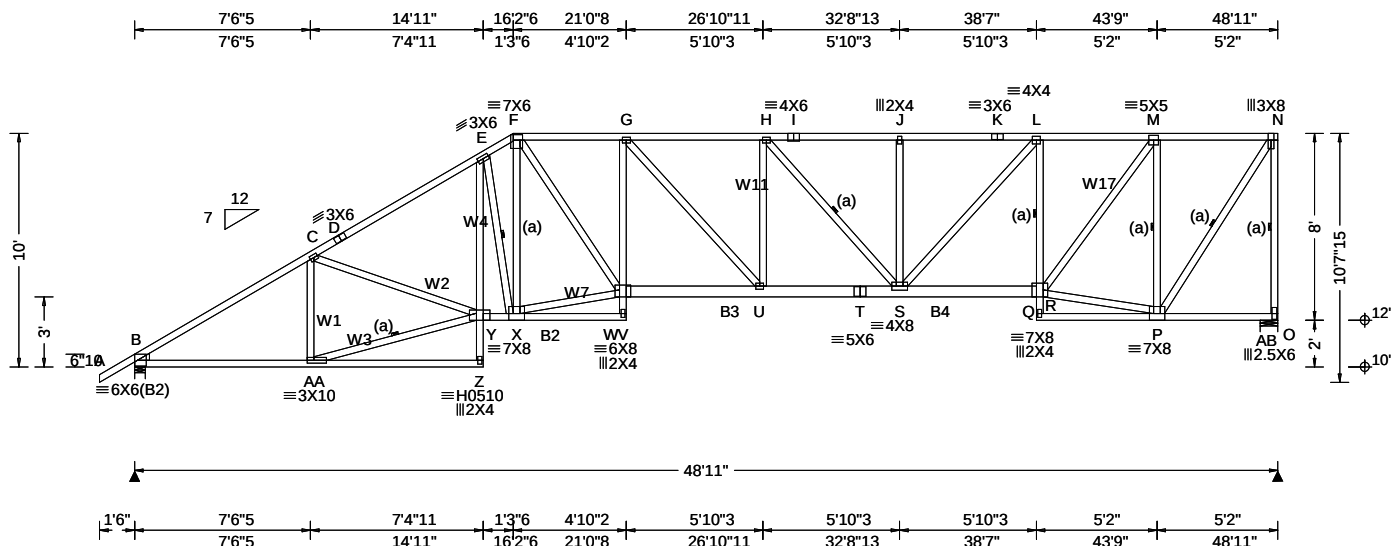
COA #0278

07/24/2024
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34445 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B20	Cust: R 215 JRef: 1Y1S2150010 T180 DrwNo: 205.24.1500.48223 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 4.89 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.264 G 999 240 VERT(CL): 0.545 G 999 180 HORZ(LL): 0.119 P - - HORZ(TL): 0.246 P - - Creep Factor: 2.0 Max TC CSI: 0.422 Max BC CSI: 0.781 Max Web CSI: 0.848 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2140 - / - / - /1319 /152 /261 AB 2029 - / - / - /1063 /329 - / - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.8 (Truss) AB Brg Wid = 9.0 Min Req = 1.7 (Truss) Bearings B & AB 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 882 -3385 H - I 1137 -3341 C - D 1188 -3736 I - J 1137 -3341 D - E 1223 -3698 J - K 1137 -3341 E - F 1216 -3372 K - L 1137 -3341 F - G 1357 -3704 L - M 844 -2511 G - H 1313 -3731 M - N 435 -1239

Lumber

Top chord: 2x4 SP M-31;
Bot chord: 2x4 SP M-31; B2 2x4 SP #2; B3,
B4 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W1,W2,W3,W4,W7,W11 2x4 SP #2;
W17 2x4 SP M-31;
Lt Wedge: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Purlins

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

Wind

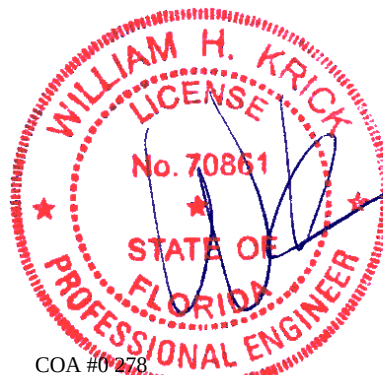
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



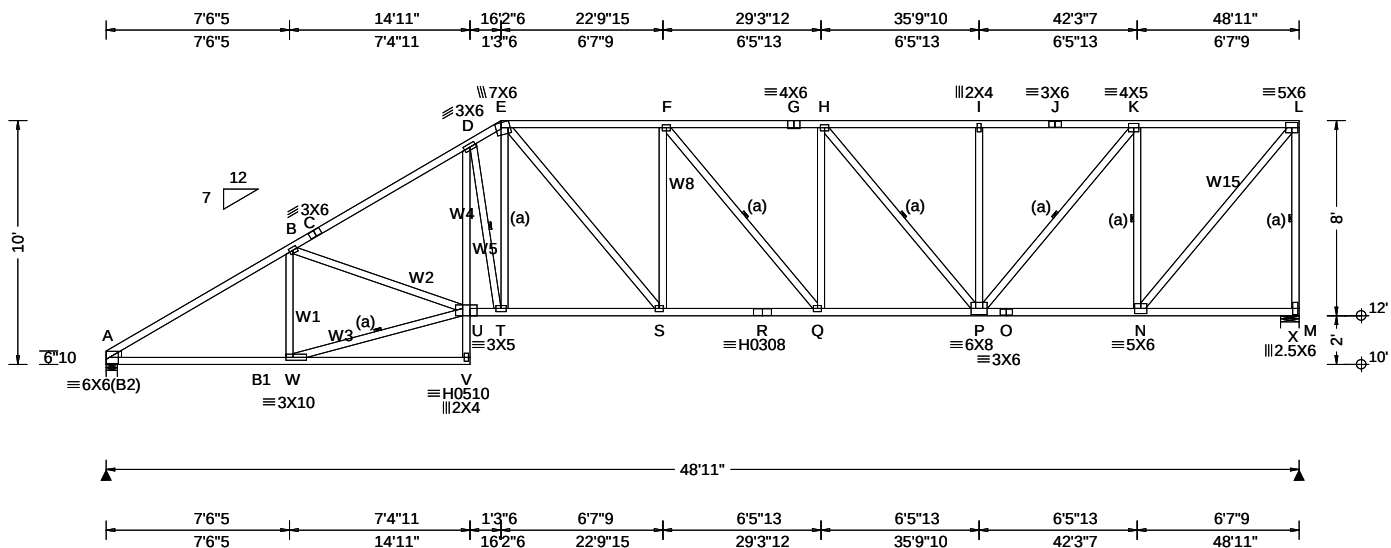
COA #0278

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

SEQN: 105884 FROM:	SPEC Qty: 1	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B21	Cust: R 215 JRef: 1Y1S2150010 T203 DrwNo: 205.24.1500.50957 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 4.89 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.249 F 999 240 VERT(CL): 0.517 F 999 180 HORZ(LL): 0.116 N - - HORZ(TL): 0.240 N - - Creep Factor: 2.0 Max TC CSI: 0.381 Max BC CSI: 0.803 Max Web CSI: 0.828 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL A 2037 - / - / - /1231 /143 /245 X 2031 - / - / - /1064 /332 - / - Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.7 (Truss) X Brg Wid = 9.0 Min Req = 2.4 (Truss) Bearings A & X 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 912 -3404 G - H 1090 -3128 B - C 1201 -3745 H - I 865 -2560 C - D 1238 -3714 I - J 865 -2560 D - E 1210 -3376 J - K 865 -2560 E - F 1176 -3231 K - L 529 -1521 F - G 1090 -3128

Lumber
Top chord: 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
Webs: 2x4 SP #3; W1, W3, W4, W5, W8 2x4 SP #2; W2, W15 2x4 SP M-31;
Lt Wedge: 2x4 SP #3;

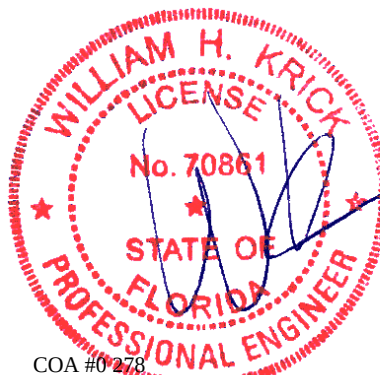
Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 3X4 except as noted.

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

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



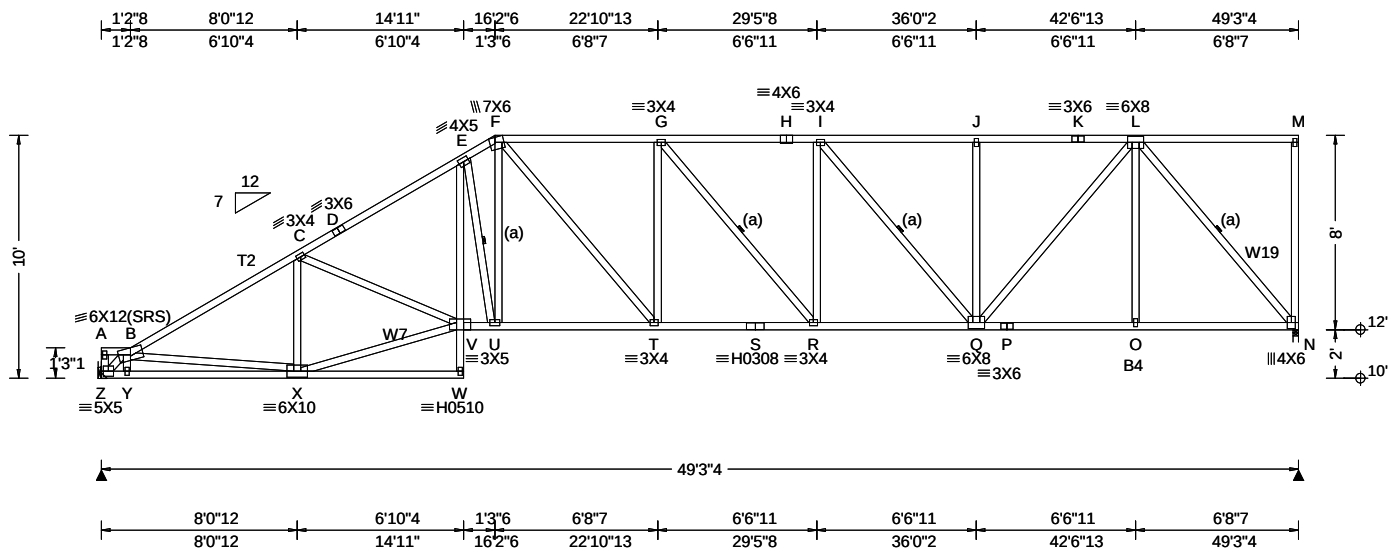
COA #0278

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

SEQN: 33840 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B22	Cust: R 215 JRef: 1Y1S2150010 T93 DrwNo: 205.24.1500.52663 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.03 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.93 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.256 G 999 240 VERT(CL): 0.533 G 999 180 HORZ(LL): 0.124 N - - HORZ(TL): 0.258 N - - Creep Factor: 2.0 Max TC CSI: 0.742 Max BC CSI: 0.888 Max Web CSI: 0.862 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL Z 2049 - / - / - /1351 - /231 N 2049 - / - / - /2076 /51 - Wind reactions based on MWFRS Z Brg Wid = - Min Req = - N Brg Wid = 2.7 Min Req = 1.7 (Truss) Bearing N is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
				B - C 492 -3418 G - H 843 -3185 C - D 716 -3792 H - I 843 -3185 D - E 745 -3740 I - J 711 -2608 E - F 772 -3397 J - K 711 -2608 F - G 809 -3286 K - L 711 -2608

Lumber
Top chord: 2x4 SP #2; T2 2x4 SP M-31;
Bot chord: 2x4 SP #2; B4 2x4 SP M-31;
Webs: 2x4 SP #3; W7 2x4 SP #2; W19 2x4 SP M-31;

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

Plating Notes
All plates are 2X4 except as noted.

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

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

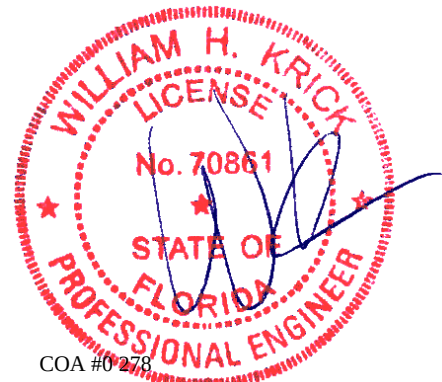
Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Deflection
Max JT VERT DEFL: LL: 0.25" DL: 0.31". See detail DEFLCMB1014 for camber recommendations.
Provide for adequate drainage of roof.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
Z - Y	2528 -499	S - R	3297 -808
Y - X	2519 -511	R - Q	3174 -835
V - U	3177 -705	Q - P	1589 -422
U - T	2928 -646	P - O	1589 -422
T - S	3297 -808	O - N	1589 -422

Webs	Tens.Comp.	Webs	Tens. Comp.
Z - B	351 -3204	F - T	950 -266
B - X	389 -80	R - I	388 -213
X - C	277 -802	I - Q	195 -885
X - V	3001 -622	Q - L	1574 -446
C - V	589 -118	J - Q	0 -391
V - E	1148 -195	L - O	549 -223
E - U	423 -1225	L - N	643 -2421
F - U	1005 -365		



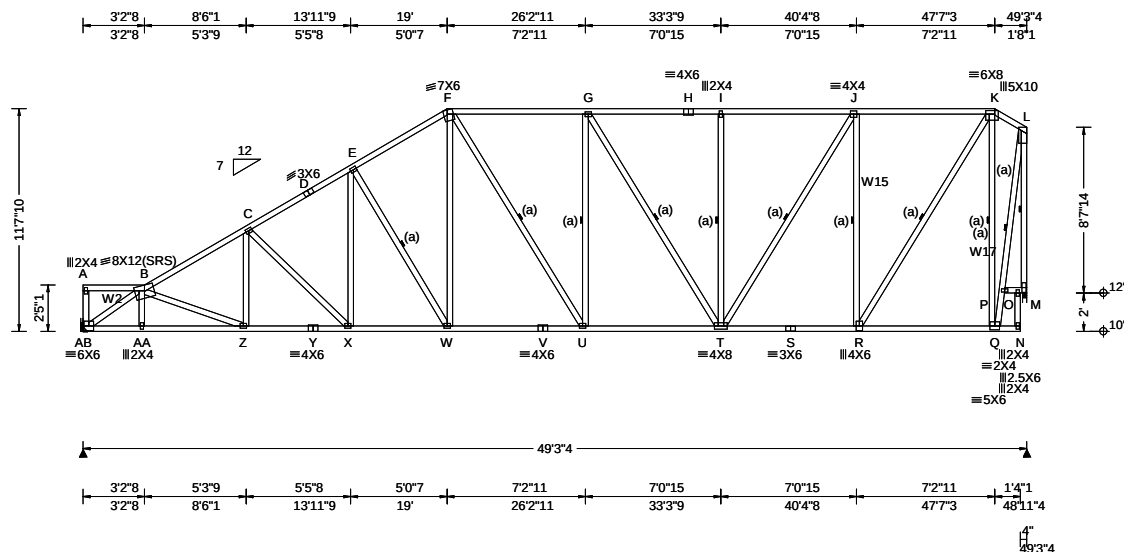
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33834 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B23	Cust: R 215 JRef: 1Y1S2150010 T174 DrwNo: 205.24.1500.54523 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.03 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.93 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.190 W 999 240 VERT(CL): 0.394 W 999 180 HORZ(LL): 0.076 N - - HORZ(TL): 0.157 N - - Creep Factor: 2.0 Max TC CSI: 0.716 Max BC CSI: 0.732 Max Web CSI: 0.828 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL AB 2049 - / - /1205 /130 /246 M 2049 - / - /1080 /318 - Wind reactions based on MWFRS AB Brg Wid = - Min Req = - M Brg Wid = 2.8 Min Req = 2.4 (Truss) Bearing M is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W2,W15,W17 2x4 SP M-31;

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.

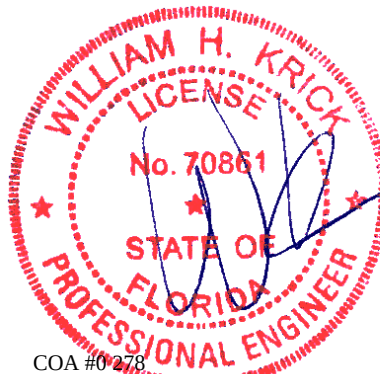
Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Deflection
Max JT VERT DEFL: LL: 0.19" DL: 0.21". See detail DEFLCMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Chords	Tens.Comp.	Chords	Tens. Comp.
AB-AA	2926 -1189	W - V	2133 -816
AA- Z	2921 -1192	V - U	2133 -816
Z - Y	2809 -1093	U - T	2246 -864
Y - X	2809 -1093	T - S	1367 -510
X - W	2457 -937	S - R	1367 -510

Webbs	Tens.Comp.	Webbs	Tens. Comp.
AB- B	1034 -3498	T - J	1169 -454
C - X	218 -482	J - R	671 -1479
X - E	451 -103	R - K	1926 -706
E - W	249 -640	K - Q	804 -1810
F - W	677 -153	Q - P	1924 -734
G - T	266 -517	P - L	1917 -741
I - T	234 -415	L - M	756 -2035

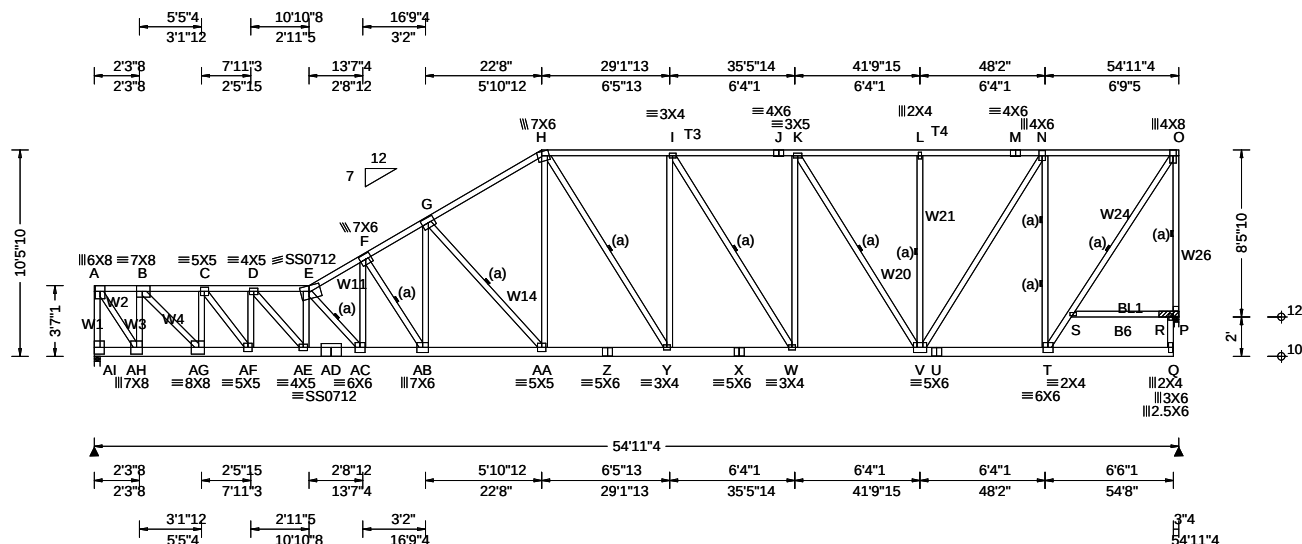


COA #0278

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
				Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	AI	4165	/-	/-	/-	/517	/-
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.427 AC 999 240	R	2483	/-	/-	/-	/418	/-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.875 AC 753 180	Wind reactions based on MWFRS						
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.117 A - -	AI Brg Wid = 3.5 Min Req = 3.4 (Truss)						
Des Ld: 40.00	EXP: C Kzt: NA	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case	HORZ(TL): 0.241 A - -	R Brg Wid = 2.8 Min Req = -						
NCBCLL: 10.00	Mean Height: 17.03 ft		Creep Factor: 2.0	Bearings AI & R are a rigid surface.						
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.866	Members not listed have forces less than 375#						
Load Duration: 1.25	BCDL: 5.0 psf	FT/RT:20(0)/10(0)	Max BC CSI: 0.588	Maximum Top Chord Forces Per Ply (lbs)						
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Plate Type(s):	Max Web CSI: 0.870	Chords	Tens.Comp.	Chords	Tens. Comp.			
	C&C Dist a: 5.49 ft	WAVE, 18SS	VIEW Ver: 23.02.01A.1204.18	A - B	332 -2704	H - I	582 -3632			
	Loc. from endwall: not in 13.00 ft			B - C	754 -6314	I - J	531 -3259			
	GCpi: 0.18			C - D	989 -7659	J - K	531 -3259			
	Wind Duration: 1.60			D - E	1224 -9798	K - L	531 -3259			

Lumber
Top chord: 2x4 SP M-31; T3,T4 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP #2;
Webs: 2x4 SP #3; W1,W2,W3,W4,W11,W20,W21,
W26 2x4 SP M-31; W11,W24 2x4 SP #2;

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

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 2.23
TC: From 32 plf at 2.23 to 32 plf at 5.61
TC: From 63 plf at 5.61 to 63 plf at 54.94
BC: From 20 plf at 0.00 to 20 plf at 2.23
BC: From 10 plf at 2.23 to 10 plf at 5.61
BC: From 20 plf at 5.61 to 20 plf at 54.94
BC: 198 lb Conc. Load at 2.23, 4.06
BC: 1825 lb Conc. Load at 5.61

Plating Notes
All plates are 6X8 except as noted.

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

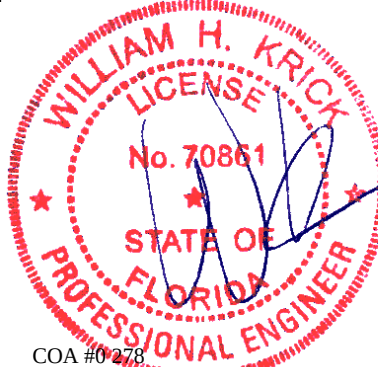
The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Deflection
Max JT VERT DEFL: LL: 0.43" DL: 0.45". See detail DEFLCMB1014 for camber recommendations.
Provide for adequate drainage of roof.

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

Bearing Block(s)
Brg blocks:0.131"x3", min. nails
brg x-loc #blocks length/blk #nails/blk wall plate
2 54.710' 1 12" 4 Rigid Surface
Brg block to be same size and species as chord.
Refer to drawing CNNALSP1014 for more information.

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



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SEQN: 33860	COMN	Ply: 1	Job Number: 24-1284	Cust: R 215 JRef: 1Y1S2150010 T56
FROM:		Qty: 1	Logan Jack	DrwNo: 205.24.1501.14370
Page 2 of 2			Truss Label: B24	AK / WHK 07/23/2024

Additional Notes

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

Structural drawing of a roof truss system. The drawing shows a side elevation of the truss with various steel members and connections. Key components include:

- Members:**
 - Top chord: 6X6 (A), 4X6 (B), 4X6 (C), 3X4 (E), 4X6 (F), 7X6 (H), 8X16 SS1012 (SRS) (I), 8X14 (L).
 - Bottom chord: 2.5X6 (AA), 6X6 (B1), 4X6 (Y), 3X5 (W), 3X8 H0308 (V), 5X5 (T), 7X8 SS0712 (R), 7X8 (Q), 7X8 (P), 6X10 (N).
 - Diagonals: W2 (a), W2 (a), W2 (a), W2 (a), W14 (a), W15 (a), W16 (a), W20 (a).
 - Verticals: 3X5 (D), 3X5 (U), 5X5 (S), 7X8 (O).
 - Other: 12 (12/7 slope), 12' (height), 12' (width).
- Connections:**
 - Welded connections (indicated by 'a' and 'W').
 - Bolted connections (indicated by 'B' and 'B1').
 - Other connections (indicated by 'Y', 'X', 'W', 'V', 'U', 'T', 'S', 'R', 'Q', 'P', 'O', 'N').
- Dimensions:**
 - Horizontal dimensions: 6'9"6, 13'4"15, 20'0"9, 26'8"2, 33'5"8, 37'4"4, 45'0"8, 54'1"8.
 - Vertical dimensions: 7'3"10, 2'9"1.
 - Other dimensions: 41'3", 3'10"12, 47'8"4, 2'7"12, 3'10"12, 41'3", 47'8"4.

Lumber	Additional Notes	B - C	H - I	1819	- 4853
Top chord: 2x4 SP #2; T3,T4 2x4 SP M-31;	WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.	C - D	I - J	3819	- 10509
T5 2x6 SP 2400f-2.0E;		D - E	J - K	2629	- 7147
Bot chord: 2x4 SP M-31; B1 2x4 SP #2;		E - F	K - L	2628	- 7146
Webs: 2x4 SP #3; W2 2x4 SP #2; W14,W15,W16,W18,		F - G			
W20 2x4 SP M-31:					

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

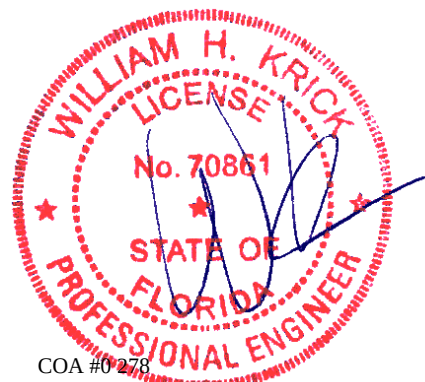
Wind	A - AA	885 - 2197	G - V	347	- 430
Wind loads based on MWFRS with additional C&C member design.	A - Z	2784 - 1024	H - T	1821	- 593
End verticals not exposed to wind pressure.	Z - B	820 - 1873	T - I	858	- 2257
Wind loading based on both gable and hip roof types.	B - Y	1869 - 694	I - Q	5417	- 2004
	Y - D	578 - 1259	J - Q	1631	- 4208

Deflection

Max JT VERT DEFL: LL: 0.66" DL: 0.71". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.



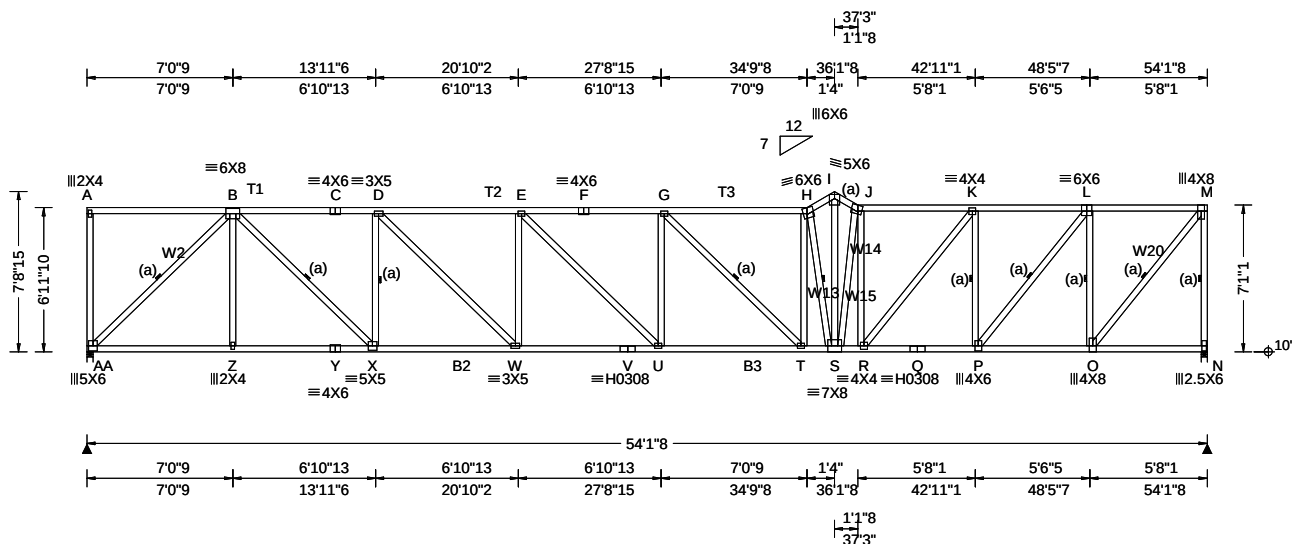
	W - E	S - N	P - L	
	420	- 722	2441	- 828
	E - V	424	- 249	L - N
			2140	- 5663



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SEQN: 33812 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B27	Cust: R 215 JRef: 1Y1S2150010 T157 DrwNo: 205.24.1501.47530 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.36 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 5.41 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.395 G 999 240 VERT(CL): 0.822 G 790 180 HORZ(LL): 0.117 A - - HORZ(TL): 0.243 A - - Creep Factor: 2.0 Max TC CSI: 0.779 Max BC CSI: 0.840 Max Web CSI: 0.848 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL AA 2250 - / - / - /1115 /445 /21 N 2250 - / - / - /1121 /443 - / - Non-Gravity Wind reactions based on MWFRS AA Brg Wid = 3.5 Min Req = 2.7 (Truss) N Brg Wid = 3.5 Min Req = 2.7 (Truss) Bearings AA & 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 1253 -3502 H - I 1642 -4197 C - D 1253 -3502 I - J 1617 -4167 D - E 1600 -4344 J - K 1457 -3811 E - F 1763 -4605 K - L 1138 -2938 F - G 1763 -4605 L - M 669 -1671 G - H 1618 -4223

Lumber

Top chord: 2x4 SP #2; T1,T2,T3 2x4 SP M-31;
Bot chord: 2x4 SP #2; B2,B3 2x4 SP M-31;
Webs: 2x4 SP #3; W2,W13,W14,W15 2x4 SP M-31;
W20 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Purlins

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

Wind

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

Deflection

Max JT VERT DEFL: LL: 0.39" DL: 0.43". See detail DEFLCMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

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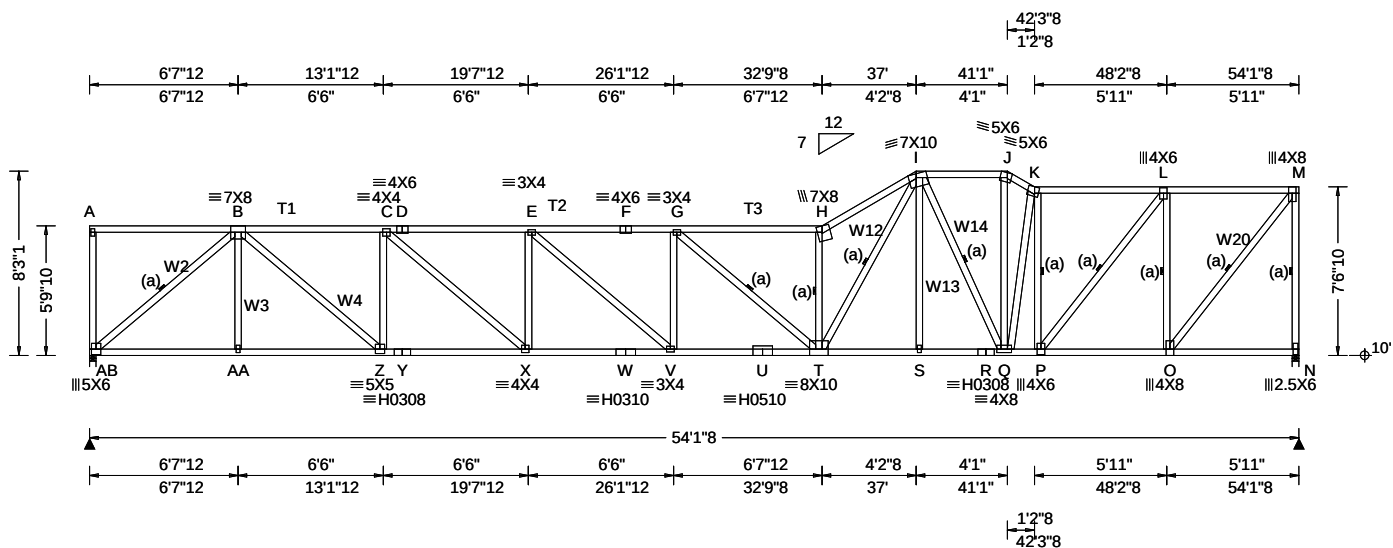
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SEQN: 105886 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B28	Cust: R 215 JRef: 1Y1S2150010 T151 DrwNo: 205.24.1502.07977 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.03 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 5.41 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.515 H 999 240 VERT(CL): 1.071 H 606 180 HORZ(LL): 0.130 A - - HORZ(TL): 0.271 A - - Creep Factor: 2.0 Max TC CSI: 0.694 Max BC CSI: 0.563 Max Web CSI: 0.801 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL AB 2250 - / - /1129 /433 /66 N 2250 - / - /1156 /443 - /- Wind reactions based on MWFRS AB Brg Wid = 3.5 Min Req = 1.9 (Truss) N Brg Wid = 3.5 Min Req = 1.9 (Truss) Bearings AB & 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 1470 -4071 H - I 2492 -6314 C - D 1907 -5129 I - J 1181 -2829 D - E 1907 -5129 J - K 1334 -3240 E - F 2144 -5566 K - L 1150 -2822 F - G 2144 -5566 L - M 683 -1634 G - H 2049 -5308

Lumber

Top chord: 2x4 SP #2; T1,T2,T3 2x4 SP M-31;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP #3; W2,W3,W4,W12,W13,
W14 2x4 SP M-31; W20 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

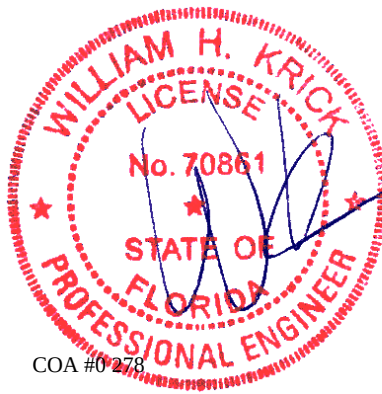
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Deflection

Max JT VERT DEFL: LL: 0.50" DL: 0.54". See detail DEFLCMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
AB-AA	2447 -975	U - T	5577 -2237
AA-Z	2447 -975	T - S	3331 -1349
Z - Y	4139 -1581	S - R	3333 -1349
Y - X	4139 -1581	R - Q	3333 -1349
X - W	5169 -2010	Q - P	2877 -1174
W - V	5169 -2010	P - O	1711 -720
V - U	5577 -2237		

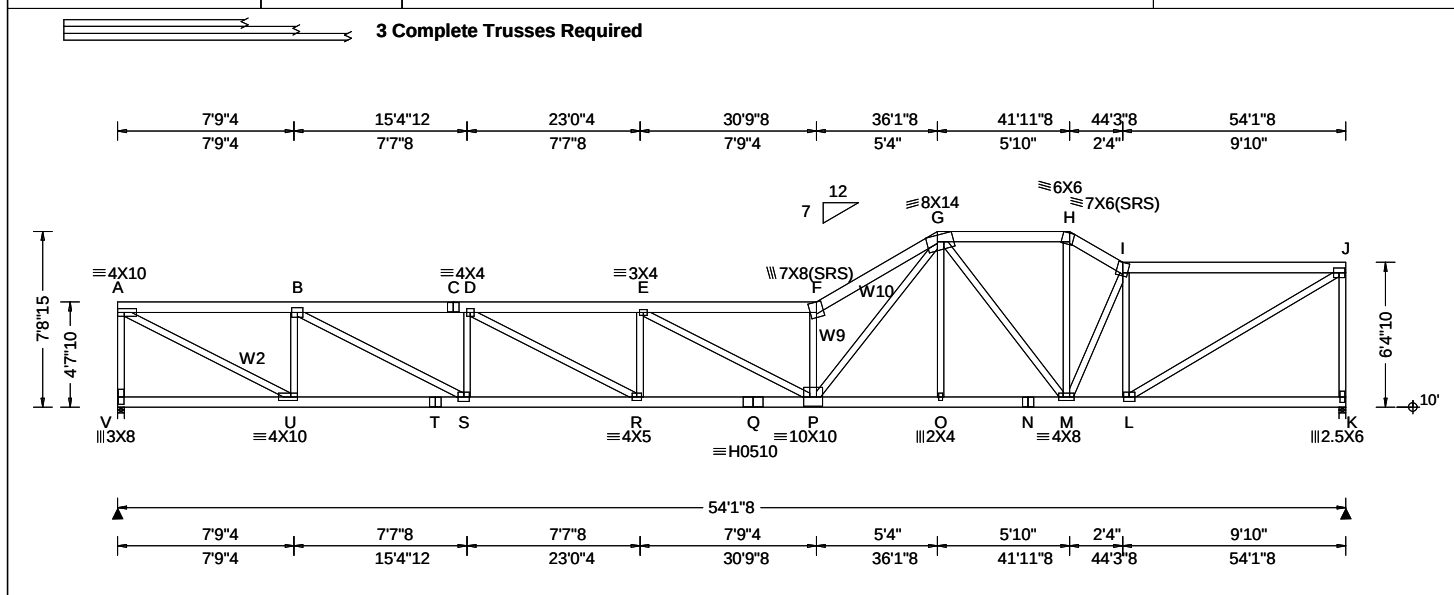
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AB-B	1166 -3179	I - Q	445 -1137
B - Z	2150 -800	Q - J	1422 -539
Z - C	585 -1283	Q - K	207 -402
C - X	1324 -543	K - P	603 -1378
X - E	428 -755	P - L	1842 -713
E - V	530 -287	L - O	927 -1923
T - H	1470 -3460	O - M	2626 -1097
T - I	4307 -1703	M - N	980 -2204

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

SEQN: 33766 FROM:	COMN Ply: 3 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B29	Cust: R 215 JRef: 1Y1S2150010 T140 DrwNo: 205.24.1502.10450 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 5.41 ft Loc. from endwall: not in 6.50 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.472 E 999 240 VERT(CL): 0.957 E 678 180 HORZ(LL): 0.085 A - - HORZ(TL): 0.173 A - - Creep Factor: 2.0 Max TC CSI: 0.241 Max BC CSI: 0.474 Max Web CSI: 0.861 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL V 5727 - / - / - / - /873 - / - K 3913 - / - / - / - /642 - / - Wind reactions based on MWFRS V Brg Wid = 3.5 Min Req = 1.6 (Truss) K Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings V & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 481 - 3154 F - G 1049 - 6482 B - C 810 - 5224 G - H 313 - 1928 C - D 810 - 5224 H - I 370 - 2218 D - E 1022 - 6441 I - J 309 - 1901 E - F 881 - 5481

Lumber	Purlins
Top chord: 2x6 SP 2400f-2.0E; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W2 2x4 SP #2; W9, W10 2x4 SP M-31;	In lieu of structural panels use purlins to brace all flat TC @ 24" oc. The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Nailnote	Deflection
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. Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.	Max JT VERT DEFL: LL: 0.47" DL: 0.48". See detail DEFLCMB1014 for camber recommendations. Provide for adequate drainage of roof.

Special Loads	Additional Notes
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 32 plf at 0.00 to 32 plf at 23.73 TC: From 63 plf at 23.73 to 63 plf at 54.13 BC: From 10 plf at 0.00 to 10 plf at 23.73 BC: From 20 plf at 23.73 to 20 plf at 54.13 TC: 198 lb Conc. Load at 2.02, 3.73, 5.73, 7.73 9.73, 11.73, 13.73, 15.73, 17.73, 19.73, 21.73 BC: 133 lb Conc. Load at 2.02, 3.73, 5.73, 7.73 9.73, 11.73, 13.73, 15.73, 17.73, 19.73, 21.73 BC: 2481 lb Conc. Load at 23.73	WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Maximum Bot Chord Forces Per Ply (lbs)	Maximum Web Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp. U - T 3259 - 503 P - O 2639 - 427 T - S 3259 - 503 O - N 2640 - 427 S - R 5292 - 826 N - M 2640 - 427 R - Q 6421 - 1023 M - L 1956 - 320 Q - P 6421 - 1023	Webs Tens.Comp. Webs Tens. Comp. A - V 305 - 1845 P - F 563 - 3328 A - U 3596 - 549 P - G 4916 - 786 U - B 315 - 1504 G - M 185 - 1156 B - S 2261 - 353 M - H 1031 - 163 S - D 230 - 979 I - L 226 - 1130 D - R 1322 - 225 L - J 2237 - 363 E - P 163 - 1077 J - K 226 - 1273

Plating Notes	Wind
All plates are 5X6 except as noted.	Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Plating Notes	Wind
All plates are 5X6 except as noted.	Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.

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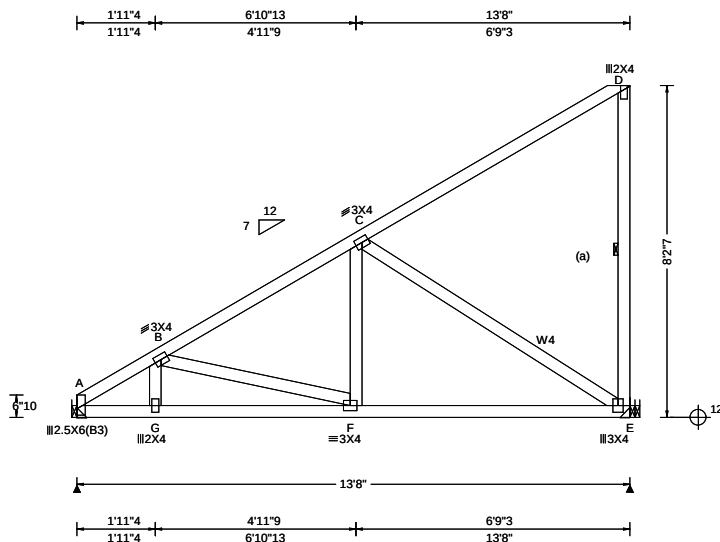
Plating Notes	Wind
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Plating Notes	Wind
All plates are 5X6 except as noted.	Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Plating Notes	Wind
All plates are 5X6 except as noted.	Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Plating Notes	Wind
All plates are 5X6 except as noted.	Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.

SEQN: 34403 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B31	Cust: R 215 JRef:1Y1S2150010 T2 DrwNo: 205.24.1502.18667 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.38 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.026 G 999 240 VERT(CL): 0.054 G 999 180 HORZ(LL): 0.011 E - - HORZ(TL): 0.023 E - - Creep Factor: 2.0 Max TC CSI: 0.778 Max BC CSI: 0.733 Max Web CSI: 0.469 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL A 1048 -/- /- /196 -/ E 644 -/- /- /120 -/ Wind reactions based on MWFRS A Brg Wid = - Min Req = - E 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 293 -1540 B - C 163 -819 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - G 1262 -237 F - E 646 -123 G - F 1239 -235 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. G - B 454 -44 C - E 143 -762 B - F 119 -600

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W4 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

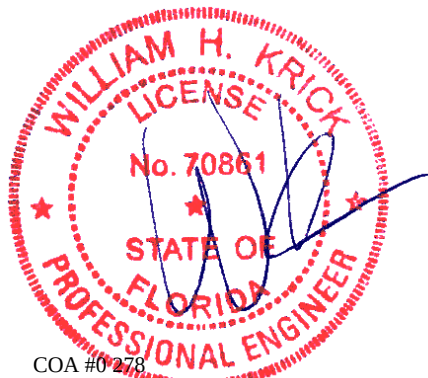
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 13.67
BC: From 20 plf at 0.00 to 20 plf at 13.11
BC: From 25 plf at 13.11 to 25 plf at 13.67
BC: 553 lb Conc. Load at 1.94

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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



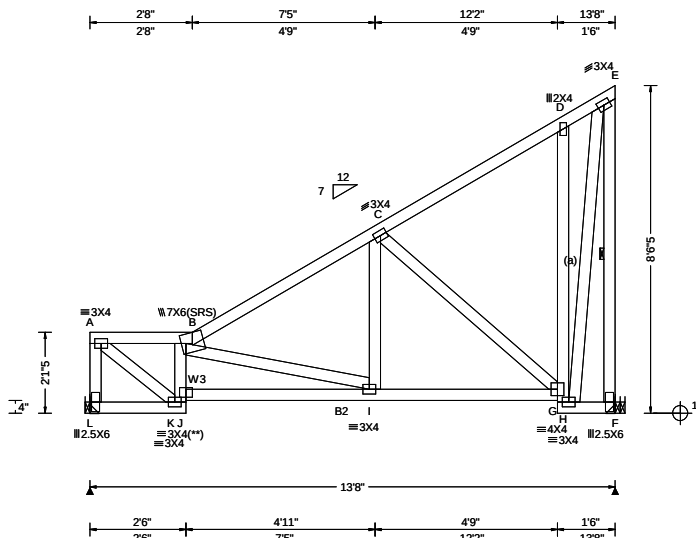
COA #0278

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North Building, 4th Floor
Glenview, IL 60025

SEQN: 34392 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B32	Cust: R 215 JRef: 1Y1S2150010 T105 DrwNo: 205.24.1502.20407 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.32 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.023 B 999 240 VERT(CL): 0.047 B 999 180 HORZ(LL): 0.019 G - - HORZ(TL): 0.039 G - - Creep Factor: 2.0 Max TC CSI: 0.286 Max BC CSI: 0.169 Max Web CSI: 0.413 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL L 568 - / - / - /318 - /170 F 568 - / - / - /416 /100 - Wind reactions based on MWFRS L Brg Wid = - Min Req = - F Brg Wid = - Min Req = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 147 -594 B - C 54 -654 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. J - I 848 -567 I - H 498 -259 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. A - L 213 -550 H - G 332 -592 A - K 765 -187 G - E 617 -332 J - B 177 -472 E - F 304 -560 C - H 266 -513

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3; W3 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

Hangers / Ties

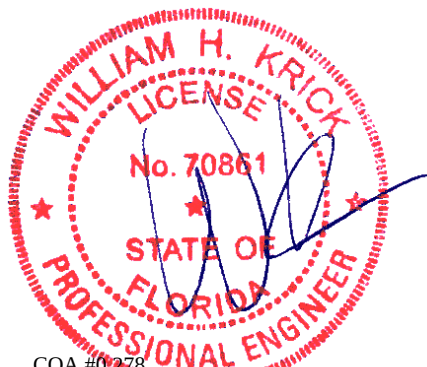
(J) Hanger Support Required, by others

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



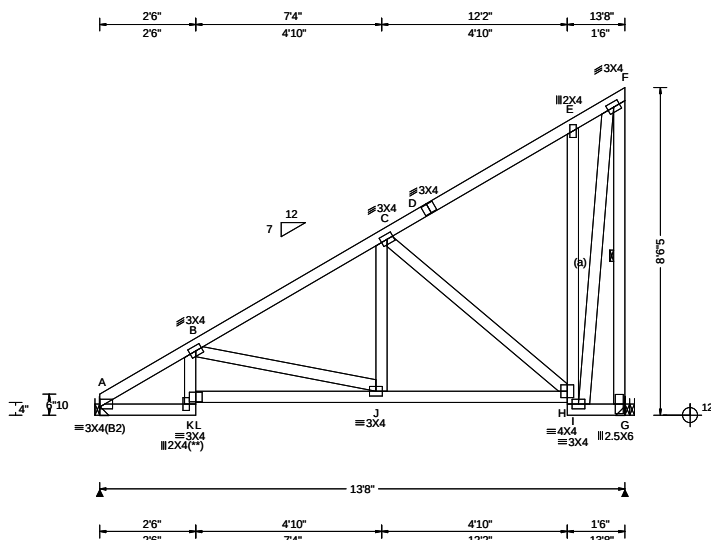
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34396 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B33	Cust: R 215 JRef: 1Y1S2150010 T184 DrwNo: 205.24.1502.22623 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.54 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.031 B 999 240 VERT(CL): 0.065 B 999 180 HORZ(LL): 0.025 H - - HORZ(TL): 0.051 H - - Creep Factor: 2.0 Max TC CSI: 0.310 Max BC CSI: 0.426 Max Web CSI: 0.842 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 571 /- /- /356 /- /210 G 565 /- /- /418 /97 /- Wind reactions based on MWFRS A 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 65 -850 B - C 22 -660 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - L 690 -378 J - I 504 -245 K - J 852 -465 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - I 246 -515 H - F 615 -315 I - H 316 -590 F - G 288 -557

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

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

Hangers / Ties

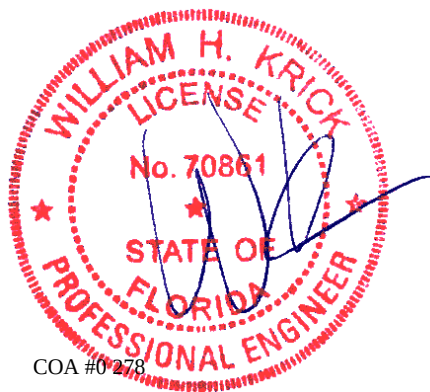
(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



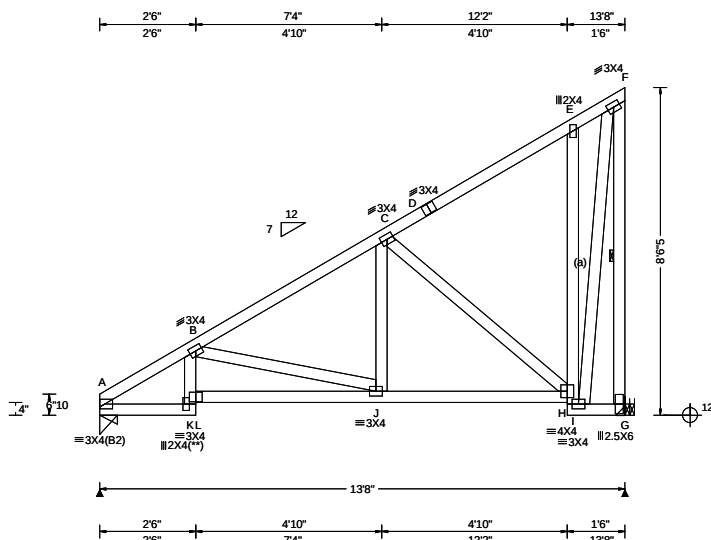
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34394 FROM:	SPEC Ply: 1 Qty: 3	Job Number: 24-1284 Logan Jack Truss Label: B34	Cust: R 215 JRef: 1Y1S2150010 T182 DrwNo: 205.24.1502.24197 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.54 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.031 B 999 240 VERT(CL): 0.065 B 999 180 HORZ(LL): 0.025 H - - HORZ(TL): 0.051 H - - Creep Factor: 2.0 Max TC CSI: 0.310 Max BC CSI: 0.426 Max Web CSI: 0.842 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL A 571 - / - / 356 / 8 / 282 G 565 - / - / 418 / 181 / - Non-Gravity Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 65 -850 B - C 22 -660

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

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

Hangers / Ties

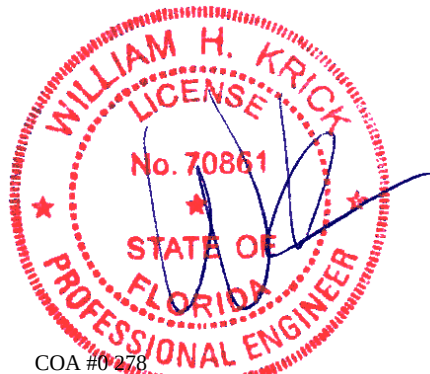
(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



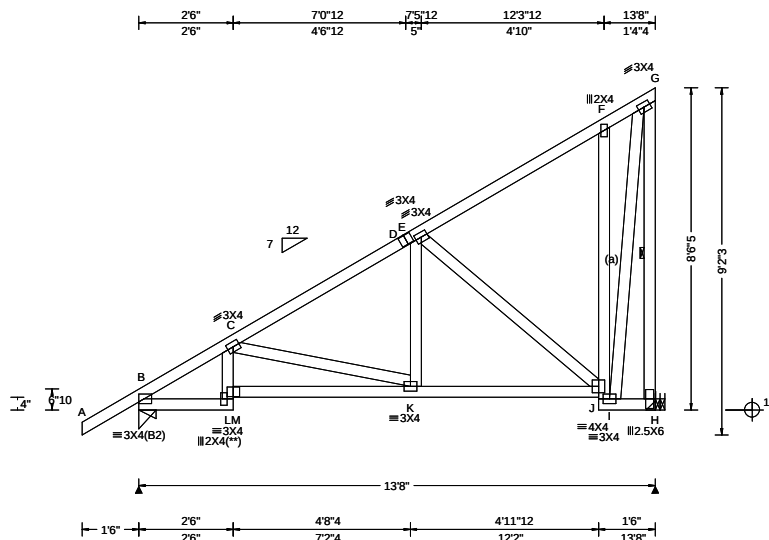
COA #0278

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Florida Certificate of Product Approval #FL 1999

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

SEQN: 34390 FROM:	MONO Ply: 1 Qty: 12	Job Number: 24-1284 Logan Jack Truss Label: B35	Cust: R 215 JRef: 1Y1S2150010 T181 DrwNo: 205.24.1502.25990 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.10 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.031 C 999 240 VERT(CL): 0.064 C 999 180 HORZ(LL): 0.024 I - - HORZ(TL): 0.049 I - - Creep Factor: 2.0 Max TC CSI: 0.376 Max BC CSI: 0.420 Max Web CSI: 0.787 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 679 /- /- /444 /35 /307 H 559 /- /- /412 /179 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H 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 32 -810 D - E 14 -501 C - D 12 -648

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

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



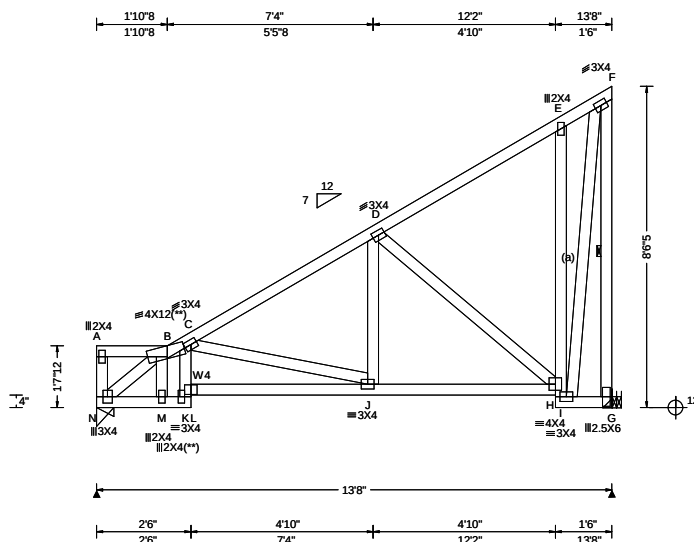
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 34398 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B36	Cust: R 215 JRef: 1Y1S2150010 T187 DrwNo: 205.24.1503.39237 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.09 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.025 C 999 240 VERT(CL): 0.051 C 999 180 HORZ(LL): 0.022 H - - HORZ(TL): 0.046 H - - Creep Factor: 2.0 Max TC CSI: 0.305 Max BC CSI: 0.373 Max Web CSI: 0.416 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL N 568 /- /- /327 /11 /243 G 568 /- /- /419 /180 /- Wind reactions based on MWFRS N Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing N is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 136 -814 C - D 43 -666

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W4 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

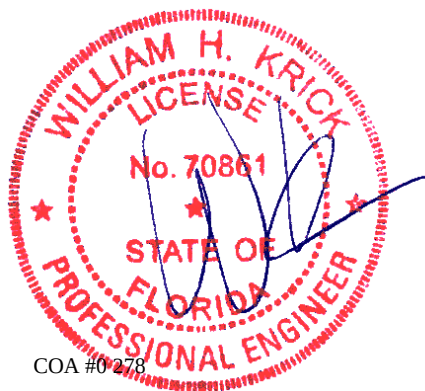
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
N - M	725 -451	K - J	888 -555
M - L	719 -452	J - I	507 -257

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
N - B	173 -888	I - H	327 -594
C - J	318 -386	H - F	619 -327
D - I	259 -518	F - G	298 -560



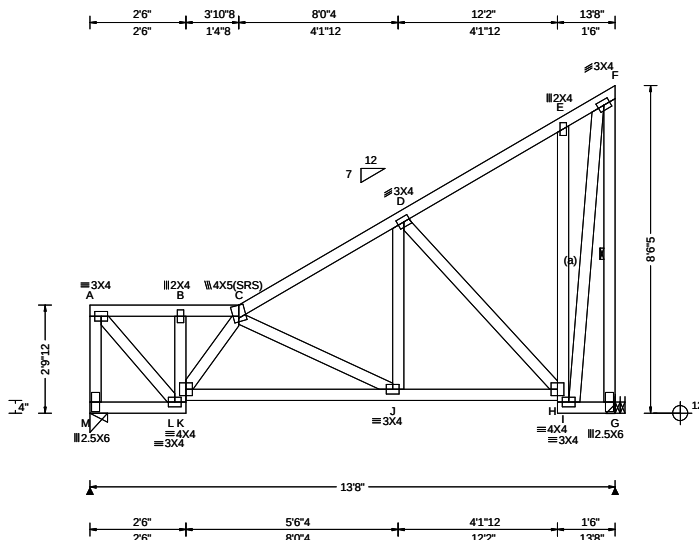
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 34400 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B37	Cust: R 215 JRef: 1Y1S2150010 T188 DrwNo: 205.24.1503.41883 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.67 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.025 C 999 240 VERT(CL): 0.052 C 999 180 HORZ(LL): 0.026 H - - HORZ(TL): 0.054 H - - Creep Factor: 2.0 Max TC CSI: 0.219 Max BC CSI: 0.374 Max Web CSI: 0.801 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 568 - / - / 305 / 36 / 221 G 568 - / - / 410 / 207 / - Wind reactions based on MWFRS M Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing M is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 146 -414 C - D 64 -583 B - C 238 -511

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



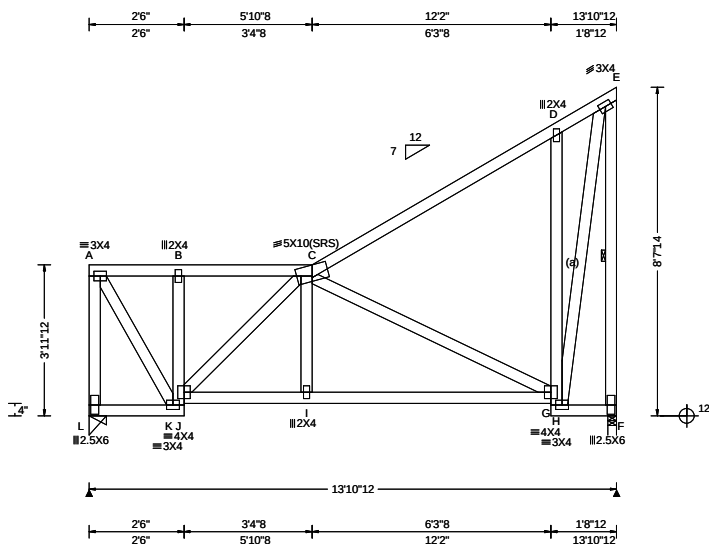
COA #0278

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

SEQN: 33683 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B38	Cust: R 215 JRef: 1Y1S2150010 T193 DrwNo: 205.24.1503.43170 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.32 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.023 I 999 240 VERT(CL): 0.048 I 999 180 HORZ(LL): 0.027 G - - HORZ(TL): 0.056 G - - Creep Factor: 2.0 Max TC CSI: 0.400 Max BC CSI: 0.497 Max Web CSI: 0.642 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL L 578 /- /- /294 /53 /185 F 578 /- /- /403 /208 /- Wind reactions based on MWFRS L Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 2.7 Min Req = 1.5 (Truss) Bearings L & F are a rigid surface. Members not listed have forces less than 375# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. J - I 656 -445 I - H 652 -448

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

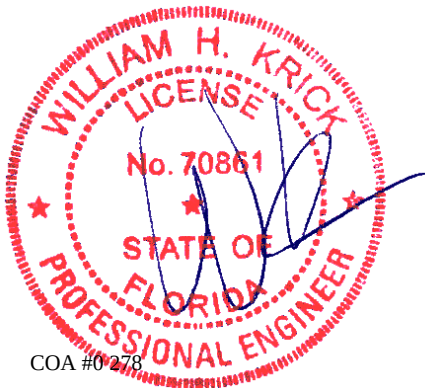
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



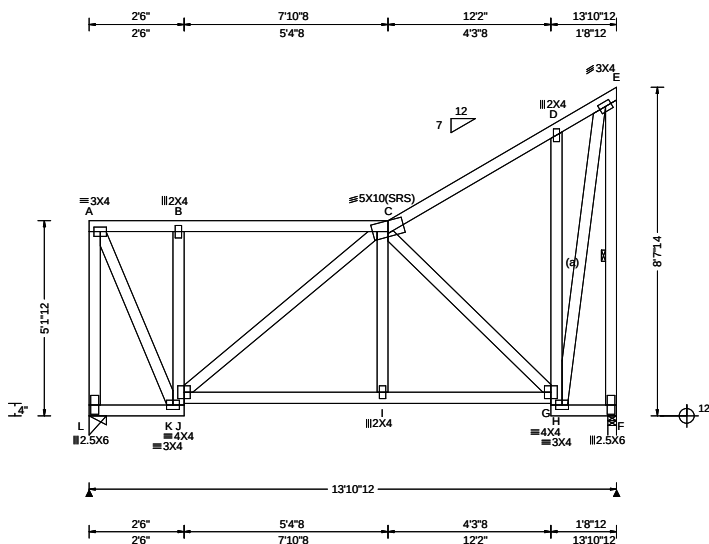
COA #0278

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

SEQN: 33685 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B39	Cust: R 215 JRef: 1Y1S2150010 T201 DrwNo: 205.24.1503.44347 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.90 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.018 I 999 240 VERT(CL): 0.038 I 999 180 HORZ(LL): 0.023 G - - HORZ(TL): 0.048 G - - Creep Factor: 2.0 Max TC CSI: 0.323 Max BC CSI: 0.376 Max Web CSI: 0.733 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL L 578 /- /- /293 /83 /141 F 578 /- /- /383 /202 /- Wind reactions based on MWFRS L Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 2.7 Min Req = 1.5 (Truss) Bearings L & F are a rigid surface. Members not listed have forces less than 375# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. J - I 482 -412 I - H 478 -414

Lumber

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

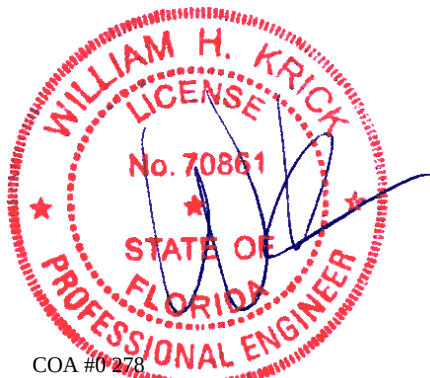
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - L	420 -563	C - H	431 -498
A - K	593 -429	H - G	521 -585
K - J	381 -503	G - E	616 -527
B - J	432 -300	E - F	500 -568



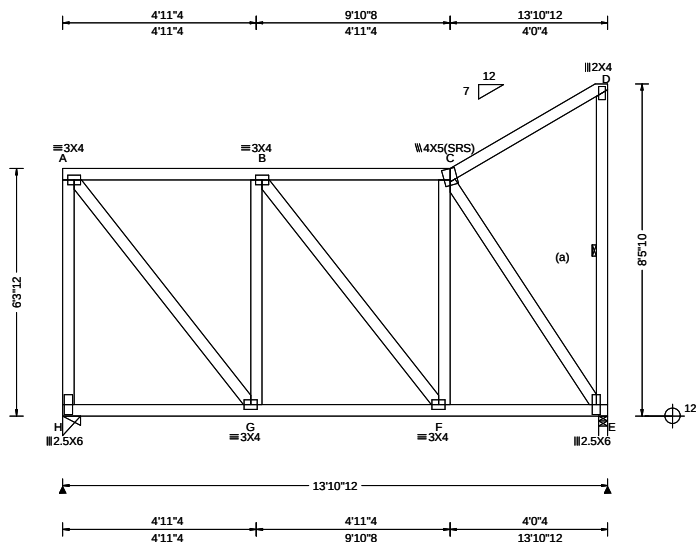
COA #0278

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North Building, 4th Floor
Glenview, IL 60025

SEQN: 33687 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: B40	Cust: R 215 JRef: 1Y1S2150010 T103 DrwNo: 205.24.1503.45610 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.39 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.009 B 999 240 VERT(CL): 0.019 B 999 180 HORZ(LL): -0.005 D - - HORZ(TL): 0.010 D - - Creep Factor: 2.0 Max TC CSI: 0.450 Max BC CSI: 0.231 Max Web CSI: 0.513 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 578 /- /- /294 /115 /89 E 579 /- /- /344 /179 /- Wind reactions based on MWFRS H Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 2.7 Min Req = 1.5 (Truss) Bearings H & E are a rigid surface. Members not listed have forces less than 375# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. G - F 342 -397

Lumber

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

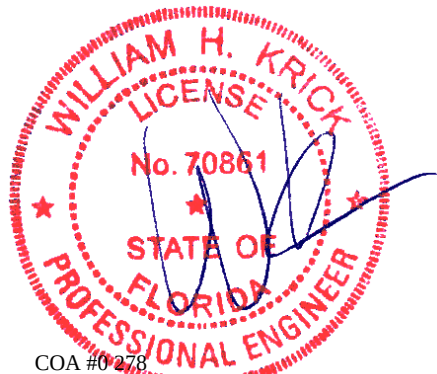
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - H	485 -539	C - E	482 -526
A - G	525 -388		

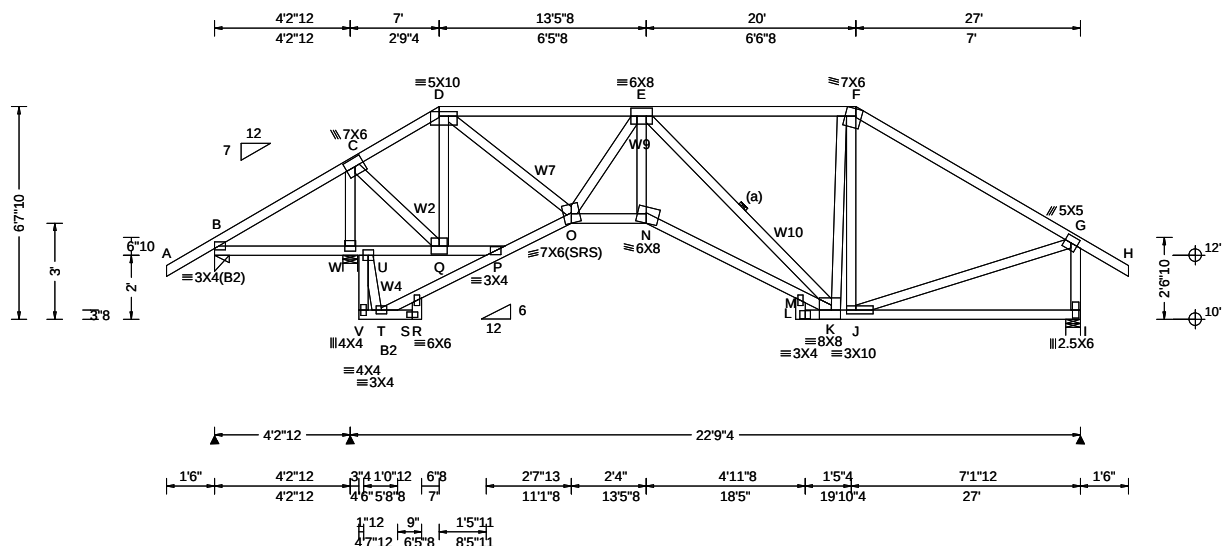


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Leading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.151 N 999 240	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.305 N 897 180	B 200 /-367 /- /249 /- /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.066 V - -	W 3621 /- /- /- /1221 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.133 V - -	I 2168 /- /- /- /629 /-
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.440	B Brg Wid = 5.5 Min Req = 1.5 (Truss)
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.729	W Brg Wid = 5.5 Min Req = 2.6 (Truss)
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.800	I Brg Wid = 5.5 Min Req = 1.8 (Truss)
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		Bearings B, W, & I are a rigid surface.
	Loc. from endwall: not in 4.50 ft	Plate Type(s):		Members not listed have forces less than 375#
	GCpi: 0.18			Maximum Top Chord Forces Per Ply (lbs)
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Chords Tens.Comp. Chords Tens. Comp.

Lumber

Top chord: 2x4 SP M-31;
Bot chord: 2x4 SP M-31; B2 2x4 SP #2;
Webs: 2x4 SP #3; W2,W4,W7,W9 2x4 SP #2;
W10 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

Additional Notes

Negative reaction(s) of -367# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

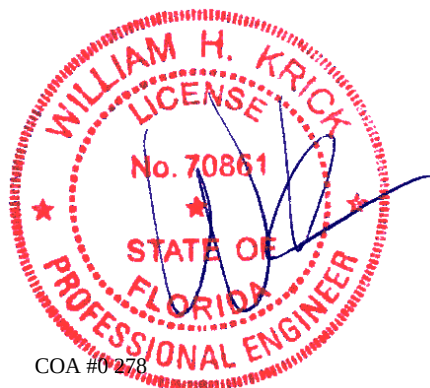
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

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Maximum Bot Chord Forces Per Ply (lbs)				
Chords	Tens.	Comp.	Chords	Tens. Comp.
B - W	462	- 925	P - O	1163 - 280
W - U	431	- 840	O - N	4002 - 1329
U - Q	466	- 1063	N - L	4727 - 1564
S - P	424	- 70	L - K	4734 - 1571
O - P	783	- 198	K - J	2021 - 616

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.		Webs	Tens. Comp.	
W - C	1177	-3233	E - N	2481	-825
C - Q	2617	-946	E - K	1037	-2911
V - U	75	-427	M - L	171	-623
U - T	833	-126	K - F	871	-345
D - Q	636	-1556	J - G	2101	-645
D - O	2874	-1009	G - I	659	-2112
O - E	567	-1404			



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Notes page for additional information:
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155 Harlem Ave
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SEQN: 105889	HIPS	Ply: 1	Job Number: 24-1284	Cust: R 215 JRef: 1Y1S2150010 T72
FROM:		Qty: 1	Logan Jack	DrwNo: 205.24.1503.53940
Page 2 of 2			Truss Label: C01	AK / WHK 07/23/2024

Special Loads

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

TC: From 63 plf at -1.50 to 63 plf at 7.00
TC: From 32 plf at 7.00 to 32 plf at 20.00
TC: From 63 plf at 20.00 to 63 plf at 28.50
BC: From 5 plf at -1.50 to 5 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 8.47
BC: From 11 plf at 8.47 to 11 plf at 11.12
BC: From 10 plf at 11.12 to 10 plf at 13.46
BC: From 11 plf at 13.46 to 11 plf at 19.24
BC: From 10 plf at 19.24 to 10 plf at 19.97
BC: From 20 plf at 19.97 to 20 plf at 27.00
BC: From 5 plf at 27.00 to 5 plf at 28.50
TC: 141 lb Conc. Load at 9.06
TC: 168 lb Conc. Load at 11.06,13.06
TC: 125 lb Conc. Load at 13.94
TC: 173 lb Conc. Load at 15.94
TC: 190 lb Conc. Load at 17.94
BC: 827 lb Conc. Load at 7.03
BC: 156 lb Conc. Load at 9.06
BC: 120 lb Conc. Load at 11.06,13.06
BC: 175 lb Conc. Load at 13.94
BC: 110 lb Conc. Load at 15.94
BC: 112 lb Conc. Load at 17.94
BC: 919 lb Conc. Load at 19.97



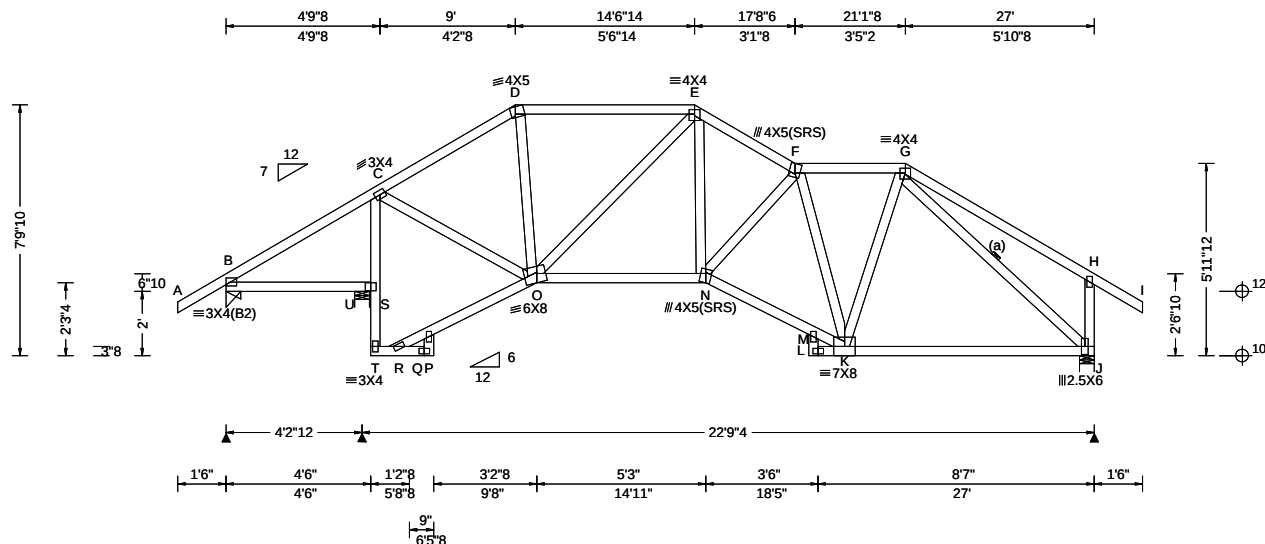
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SEQN: 18860 / FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C02	Cust: R 215 JRef: 1Y1S2150010 T47 / DrwNo: 205.24.1159.13837 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.058 N 999 240 VERT(CL): 0.117 N 999 180 HORZ(LL): 0.040 J - - HORZ(TL): 0.082 J - - Creep Factor: 2.0 Max TC CSI: 0.546 Max BC CSI: 0.771 Max Web CSI: 0.538 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 264 - / - / - /137 /81 /180 U 1190 - / - / - /742 /160 - / - J 1047 - / - / - /647 /191 - / - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) U Brg Wid = 5.5 Min Req = 1.5 (Truss) J Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B, U, & 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.

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.

Purlins

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

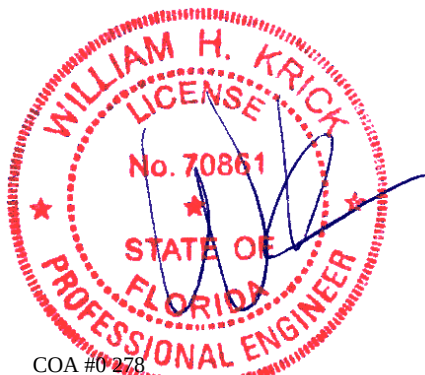
Wind

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.

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



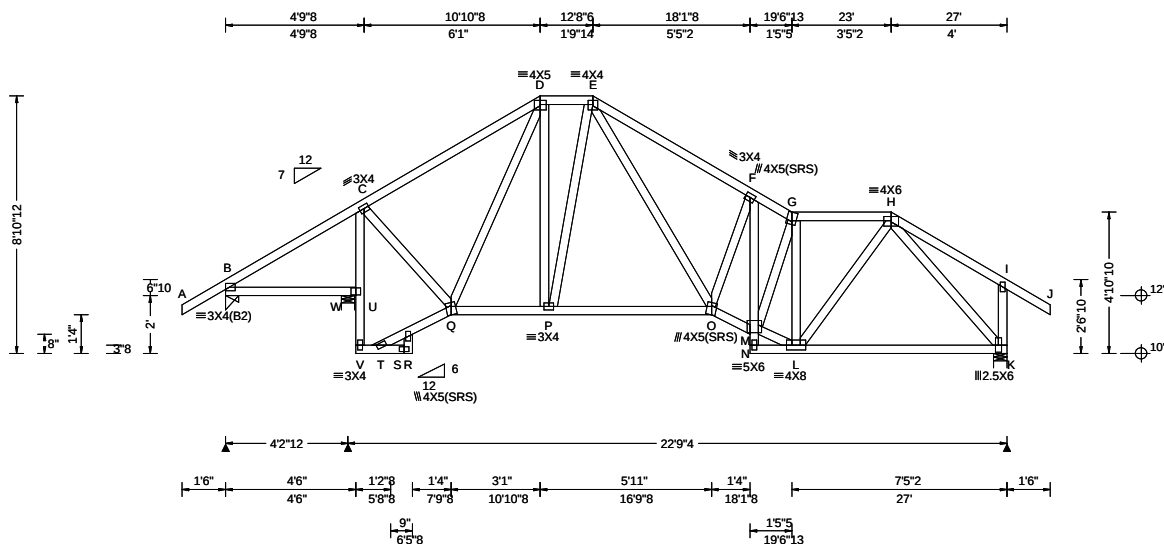
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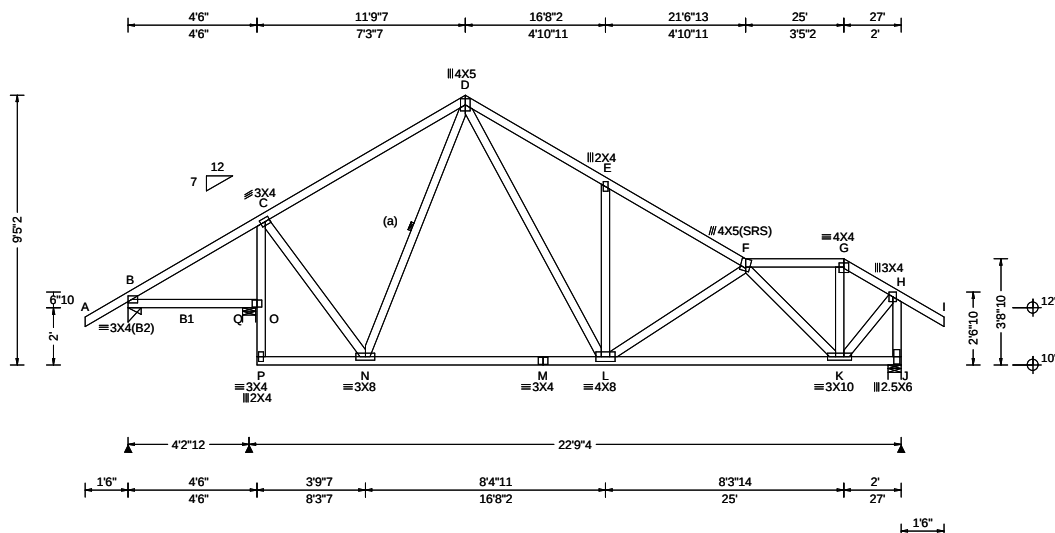
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SEQN: 47518 / FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C03	Cust: R 215 JRef: 1Y1S2150010 T4 / DrwNo: 205.24.1159.10786 NW / DF 07/23/2024
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SEQN: 47508 / FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C04	Cust: R 215 JRef: 1Y1S2150010 T112 DrwNo: 205.24.1159.11288 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.55 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.049 E 999 240 VERT(CL): 0.097 E 999 180 HORZ(LL): 0.025 K - - HORZ(TL): 0.051 K - - Creep Factor: 2.0 Max TC CSI: 0.613 Max BC CSI: 0.671 Max Web CSI: 0.420 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 248 -/- /- /- /51 -/ Q 1231 -/- /- /- /218 -/ J 1133 -/- /- /- /200 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) Q Brg Wid = 5.5 Min Req = 1.5 (Truss) J Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B, Q, & 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.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
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 63 plf at -1.50 to 63 plf at 28.50
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 27.00
BC: From 5 plf at 27.00 to 5 plf at 28.50
TC: 64 lb Conc. Load at 24.97
BC: 45 lb Conc. Load at 24.97

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.



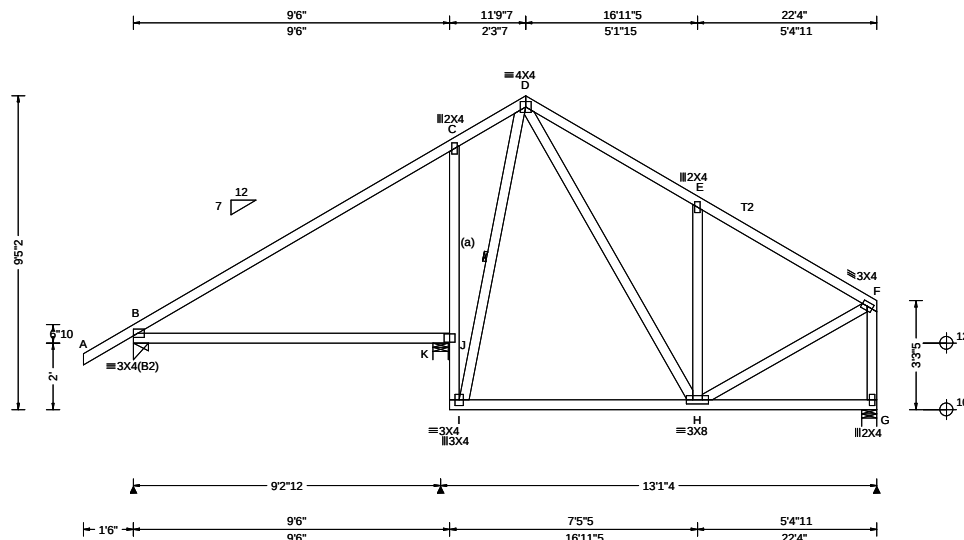
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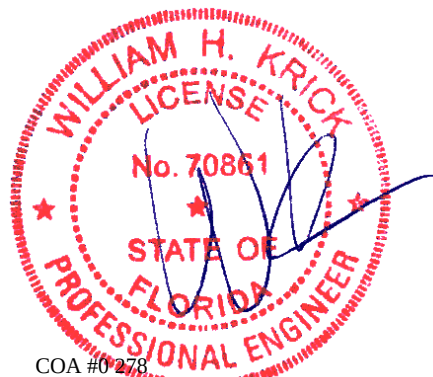
SEQN: 47495 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C05	Cust: R 215 JRef: 1Y1S2150010 T128 DrwNo: 205.24.1159.11994 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.55 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.026 C 999 240 VERT(CL): 0.054 C 999 180 HORZ(LL): 0.038 G - - HORZ(TL): 0.079 G - - Creep Factor: 2.0 Max TC CSI: 0.421 Max BC CSI: 0.881 Max Web CSI: 0.672 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 489 -/- /- /258 /59 /196 K 931 -/- /- /625 /1 /- G 547 -/- /- /364 /47 /- Non-Gravity Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) K Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B, K, & 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.

Lumber	Maximum Web Forces Per Ply (lbs)
Top chord: 2x4 SP M-31; T2 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	Webs Tens.Comp. Webs Tens. Comp.
Bracing (a) Continuous lateral restraint equally spaced on member.	C - J 341 -575 H - E 243 -391 D - H 419 -150 F - G 168 -509

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.



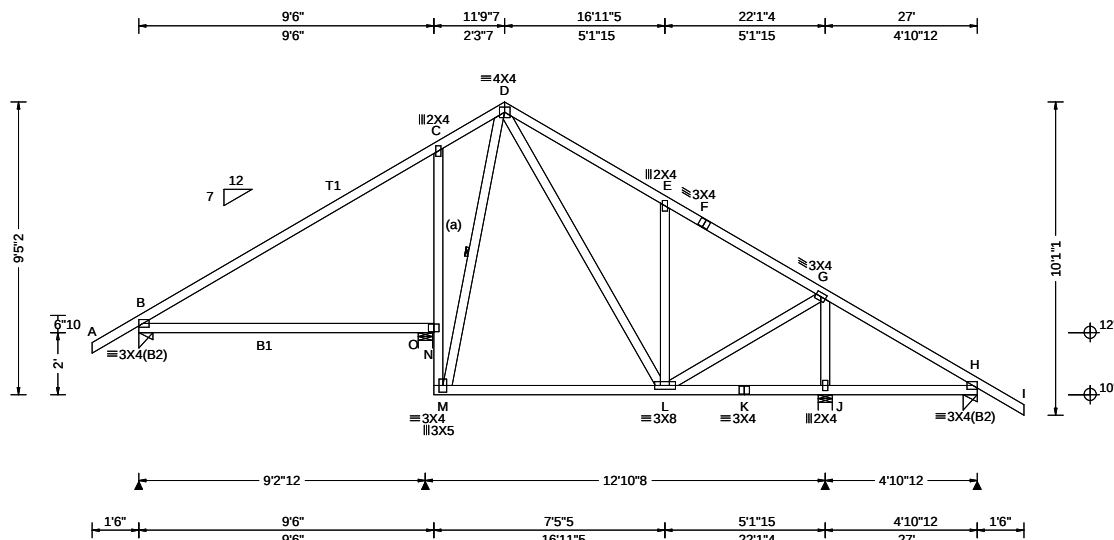
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Glenview, IL 60025

SEQN: 47491 / FROM:	SPEC	Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: C06	Cust: R 215 JRef: 1Y1S2150010 T52 / DrwNo: 205.24.1159.11272 NW / DF 07/23/2024
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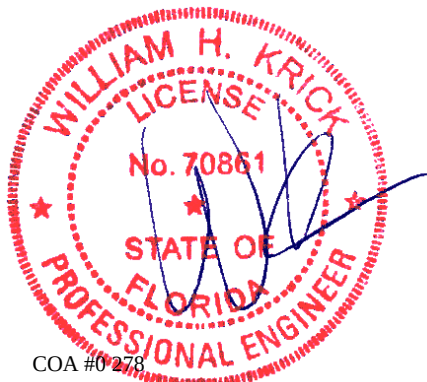


Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.016 E 999 240 VERT(CL): 0.029 E 999 180 HORZ(LL): 0.026 L - - HORZ(TL): 0.048 L - - Creep Factor: 2.0 Max TC CSI: 0.422 Max BC CSI: 0.561 Max Web CSI: 0.526 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 496 /- /- /253 /104 /274 O 1152 /- /- /668 /28 /- J 816 /- /- /475 /74 /- H 368 /- /- /261 /54 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) O Brg Wid = 5.5 Min Req = 1.5 (Truss) J Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B, O, J, & H are a rigid surface. Members not listed have forces less than 375#

Lumber	Maximum Top Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3;	Chords Tens.Comp. Chords Tens. Comp. C - D 463 -224 F - G 236 -473 D - E 372 -478

Bracing	Maximum Web Forces Per Ply (lbs)
(a) Continuous lateral restraint equally spaced on member.	Webs Tens.Comp. Webs Tens. Comp. C - N 336 -578 L - G 439 -77 N - M 454 0 G - J 265 -739 D - L 418 -113

Loading	Wind
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.	Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types.



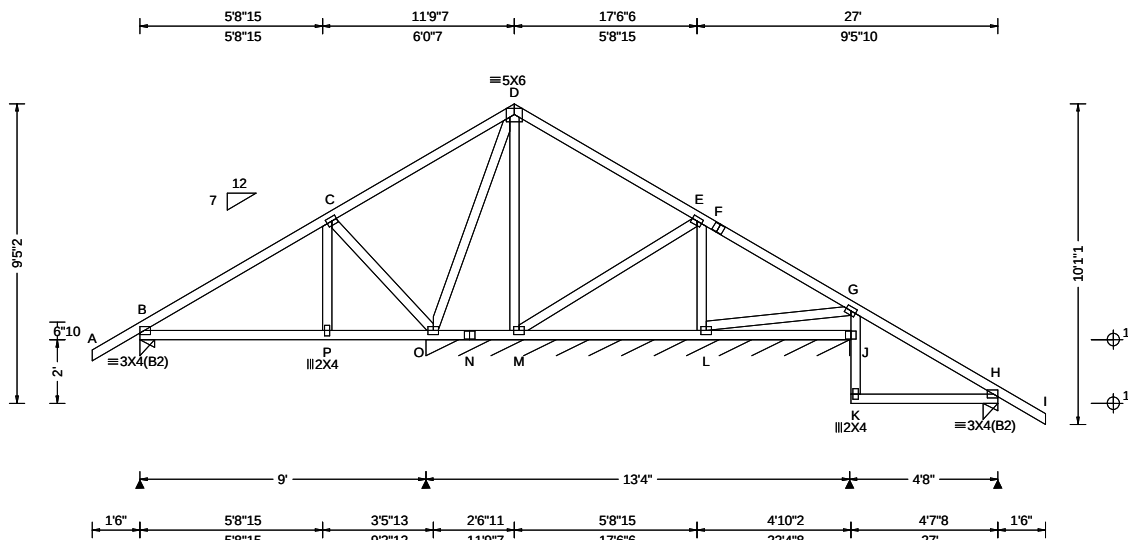
COA #0278

07/24/2024 Florida Certificate of Product Approval #FI 1999

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SEQN: 47534 / FROM:	SPEC	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C07	Cust: R 215 JRef: 1Y1S2150010 T138 DrwNo: 205.24.1159.13592 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.003 P 999 240 VERT(CL): 0.006 P 999 180 HORZ(LL): 0.003 H - - HORZ(TL): 0.007 H - - Creep Factor: 2.0 Max TC CSI: 0.465 Max BC CSI: 0.267 Max Web CSI: 0.235 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 460 /- /- /277 /23 /274 O* 128 /- /- /67 /- /- H 294 /- /- /243 /43 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) O Brg Wid = 160 Min Req = - H Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B, O, & H are a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. C - O 188 -473

Lumber

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

Plating Notes

All plates are 3X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.



COA #0278

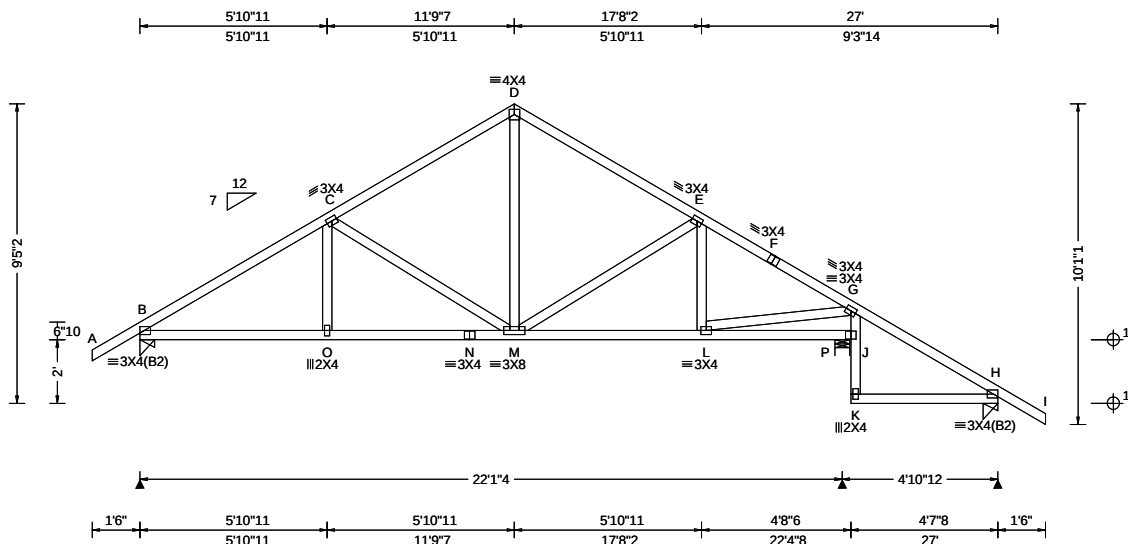
07/24/2024

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

SEQN: 47484 / FROM:	SPEC	Ply: 1 Qty: 3	Job Number: 24-1284 Logan Jack Truss Label: C08	Cust: R 215 JRef: 1Y1S2150010 T79 / DrwNo: 205.24.1159.12967 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.050 M 999 240 VERT(CL): 0.099 M 999 180 HORZ(LL): 0.029 H - - HORZ(TL): 0.060 H - - Creep Factor: 2.0 Max TC CSI: 0.481 Max BC CSI: 0.626 Max Web CSI: 0.386 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 1025 /- /- /618 /19 /274 P 1122 /- /- /623 /- /- H 306 /- /- /249 /43 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) P Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B, P, & 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.

Lumber

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

Wind

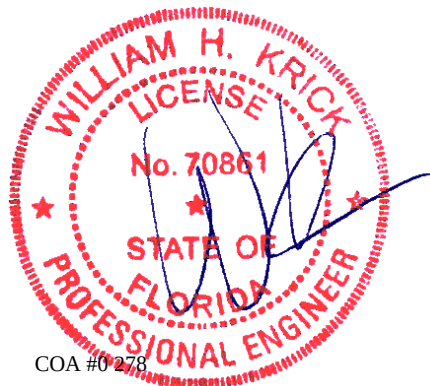
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - O	1090 -82	N - M	1088 -83
O - N	1088 -83	M - L	899 -31

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - M	165 -421	L - G	853 -27
D - M	512 -103	G - J	186 -944



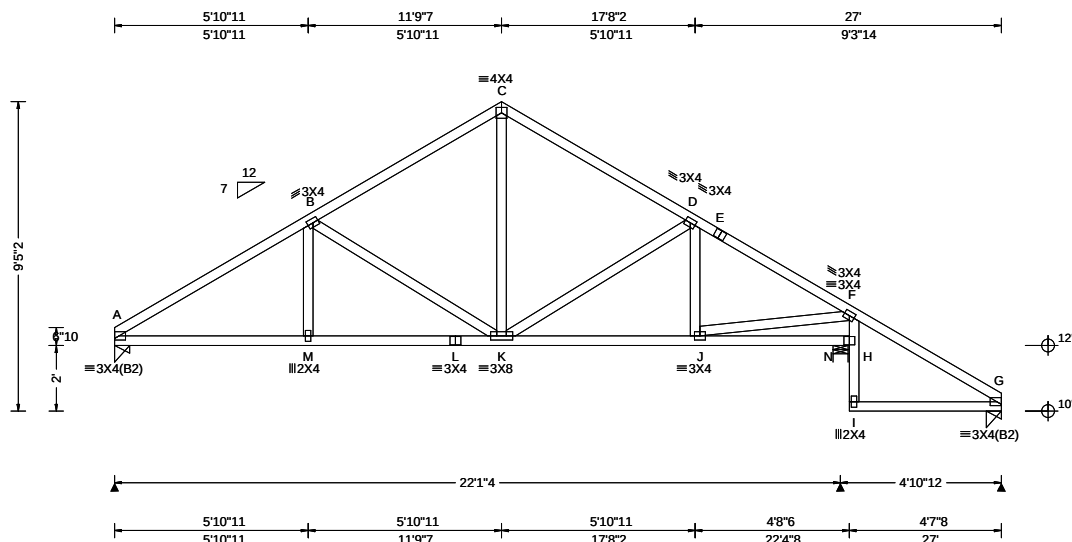
COA #0278

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SEQN: 47486 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C09	Cust: R 215 JRef: 1Y1S2150010 T64 / DrwNo: 205.24.1159.11021 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.047 K 999 240 VERT(CL): 0.097 K 999 180 HORZ(LL): 0.031 G - - HORZ(TL): 0.064 G - - Creep Factor: 2.0 Max TC CSI: 0.382 Max BC CSI: 0.641 Max Web CSI: 0.404 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 920 /- /- /533 /11 /229 N 1144 /- /- /657 /5 /- G 186 /- /- /134 /19 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) N Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings A, N, & 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.

Lumber

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

Wind

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - M	1112 -102	L - K	1111 -104
M - L	1111 -104	K - J	903 -61

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - K	175 -442	J - F	849 -45
C - K	515 -104	F - H	216 -958



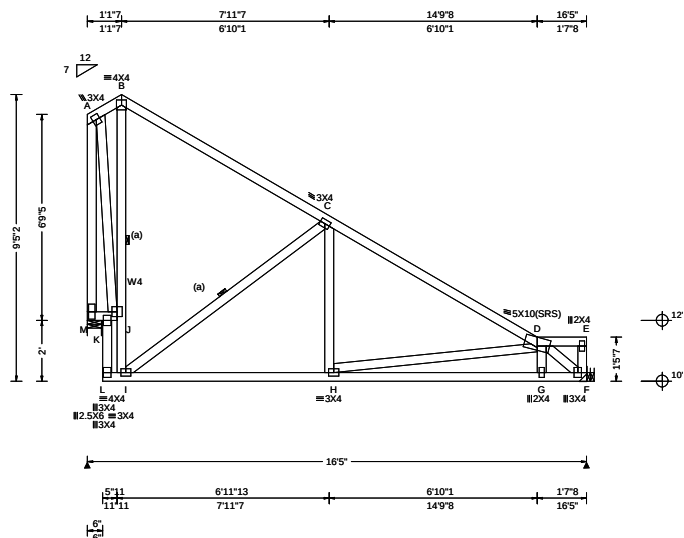
COA #0278

07/24/2024
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33565 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C10	Cust: R 215 JRef: 1Y1S2150010 T170 DrwNo: 205.24.1504.20893 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.44 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.027 H 999 240 VERT(CL): 0.056 H 999 180 HORZ(LL): 0.134 H - - HORZ(TL): 0.187 H - - Creep Factor: 2.0 Max TC CSI: 0.587 Max BC CSI: 0.512 Max Web CSI: 0.623 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 683 -/- /- /459 /59 /207 F 683 -/- /- /415 /15 /- Wind reactions based on MWFRS M Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing M is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. C - D 119 -819

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W4 2x4 SP #2;

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=16'2" uses the following support conditions: 16'2"

Bearing F (16'2", 10") LUS26

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

(4) 0.148"x3" nails into supporting

member,

(3) 0.148"x3" nails into supported

member.

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.

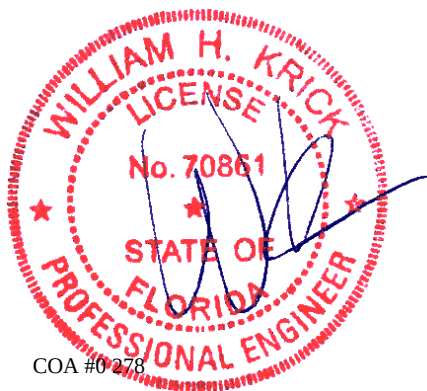
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
I - H	615 -5	G - F	1011 -243
H - G	1000 -252		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - M	273 -637	I - C	245 -649
A - J	644 -355	H - D	253 -382
J - I	545 -137	D - F	297 -1235



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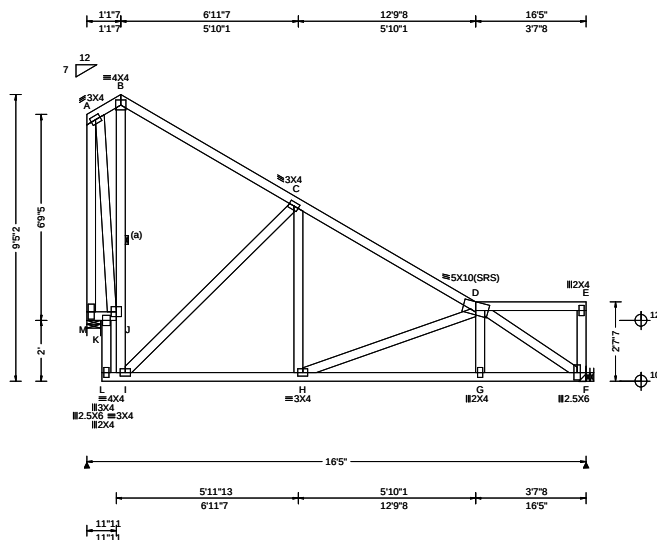
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33567 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C11	Cust: R 215 JRef: 1Y1S2150010 T144 DrwNo: 205.24.1506.44640 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.02 ft TCCL: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.027 H 999 240 VERT(CL): 0.055 H 999 180 HORZ(LL): 0.120 H - - HORZ(TL): 0.166 F - - Creep Factor: 2.0 Max TC CSI: 0.425 Max BC CSI: 0.394 Max Web CSI: 0.838 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 683 /- /- /455 /65 /178 F 683 /- /- /389 /35 /- Wind reactions based on MWFRS M Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing M is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. C - D 130 -700

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



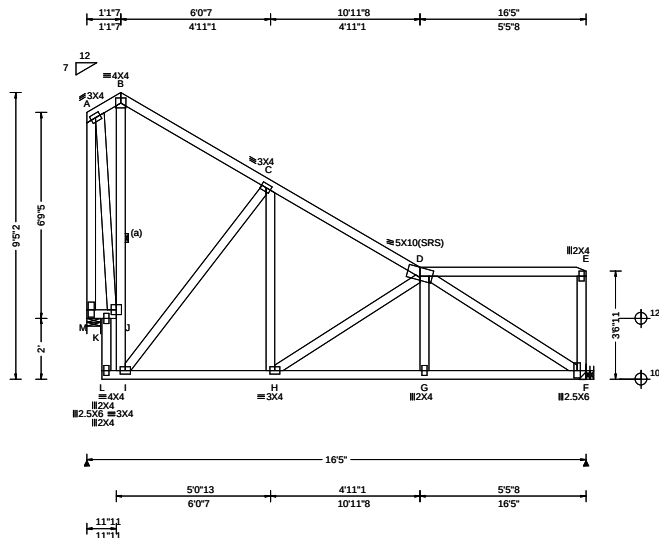
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33689 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C12	Cust: R 215 JRef: 1Y1S2150010 T169 DrwNo: 205.24.1506.46170 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.56 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.026 H 999 240 VERT(CL): 0.054 H 999 180 HORZ(LL): 0.100 H - - HORZ(TL): 0.149 F - - Creep Factor: 2.0 Max TC CSI: 0.396 Max BC CSI: 0.344 Max Web CSI: 0.698 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 683 -/- /447 /70 /151 F 682 -/- /363 /43 -/ Wind reactions based on MWFRS M Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing M is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. C - D 150 -601

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

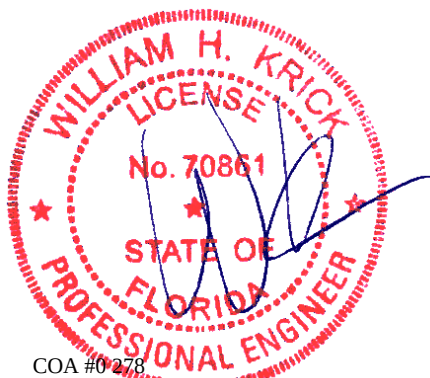
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



COA #0278

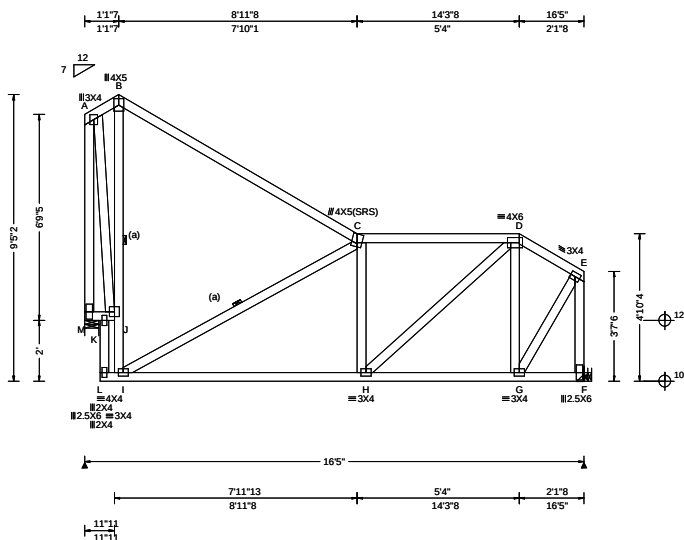
07/24/2024

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

SEQN: 33691 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C13	Cust: R 215 JRef: 1Y1S2150010 T167 DrwNo: 205.24.1506.47887 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.52 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.026 C 999 240 VERT(CL): 0.054 C 999 180 HORZ(LL): 0.093 I - - HORZ(TL): 0.178 F - - Creep Factor: 2.0 Max TC CSI: 0.638 Max BC CSI: 0.498 Max Web CSI: 0.799 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 683 /- /- /437 /77 /151 F 683 /- /- /381 /41 /- Wind reactions based on MWFRS M Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing M is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. C - D 301 -669

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.

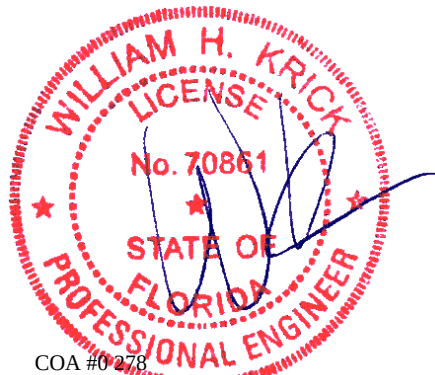
Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

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



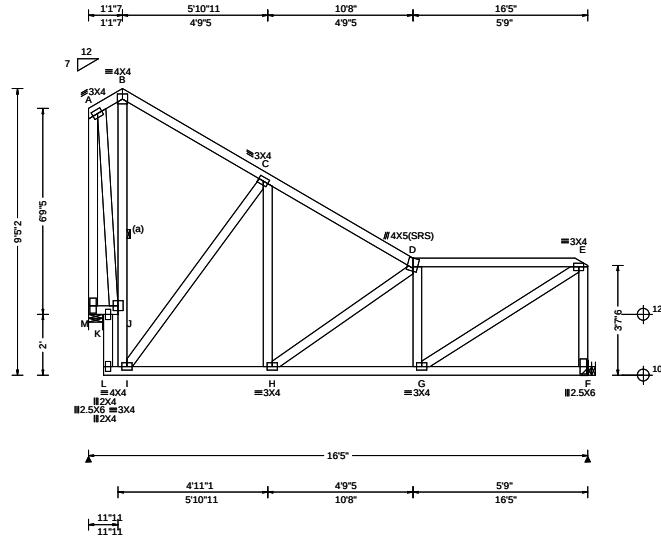
COA #0278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33703 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C14	Cust: R 215 JRef: 1Y1S2150010 T24 DrwNo: 205.24.1506.56947 AK / WHK 07/23/2024
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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 7-22		Pg: NA Ct: NA CAT: NA		PP Deflection in loc L/def L/#		Gravity	
TCDL: 10.00		Speed: 130 mph		Pf: NA Ce: NA		VERT(LL): 0.026 H 999 240		Loc	R+ / R- / Rh / Rw / U / RL
BCLL: 0.00		Enclosure: Closed		Lu: NA Cs: NA		VERT(CL): 0.054 H 999 180		M	683 - / - / 445 / 71 / 146
BCDL: 10.00		Risk Category: II		Snow Duration: NA		HORZ(LL): 0.096 H - -		F	681 - / - / 358 / 43 -
Des Ld: 40.00		EXP: C Kzt: NA				HORZ(TL): 0.145 B - -		Wind reactions based on MWFRS	
NCBCLL: 10.00		Mean Height: 16.64 ft				Creep Factor: 2.0		M	Brg Wid = 5.5 Min Req = 1.5 (Truss)
Soffit: 2.00		TCDL: 5.0 psf				Max TC CSI: 0.458		F	Brg Wid = - Min Req = -
Load Duration: 1.25		BCDL: 5.0 psf				Max BC CSI: 0.328		Bearing M is a rigid surface.	
Spacing: 24.0 "		MWFRS Parallel Dist: > 2h				Max Web CSI: 0.691		Members not listed have forces less than 375#	
		C&C Dist a: 3.00 ft						Maximum Top Chord Forces Per Ply (lbs)	
		Loc. from endwall: not in 9.00 ft						Chords	Tens.Comp. Chords Tens. Comp.
		GCp: 0.18						C - D	153 -586 D - E 273 -736
		Wind Duration: 1.60							

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

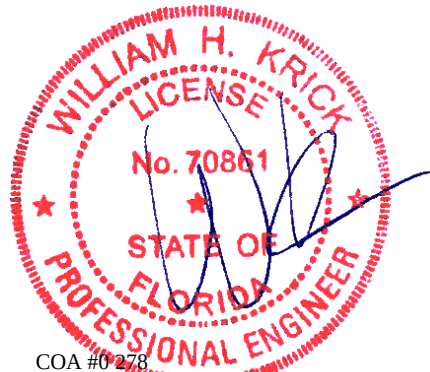
Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

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



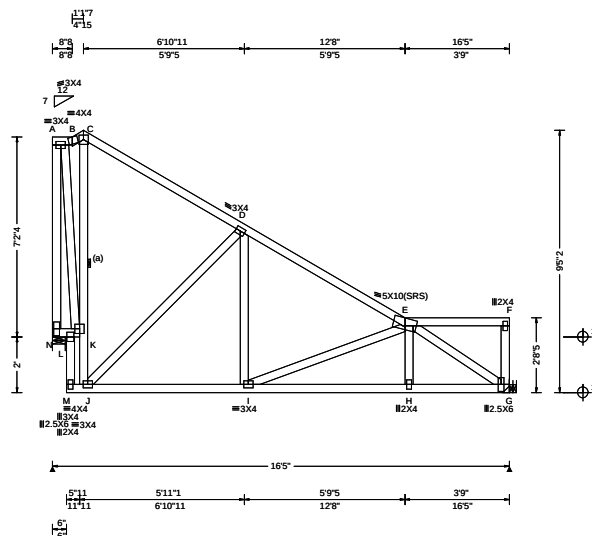
COA #0278

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SEQN: 33705 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C15	Cust: R 215 JRef: 1Y1S2150010 T33 DrwNo: 205.24.1507.00233 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.06 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.027 I 999 240 VERT(CL): 0.056 I 999 180 HORZ(LL): 0.124 I - - HORZ(TL): 0.166 I - - Creep Factor: 2.0 Max TC CSI: 0.416 Max BC CSI: 0.387 Max Web CSI: 0.895 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL N 683 /- /- /460 /85 /176 G 683 /- /- /390 /34 /- Wind reactions based on MWFRS N Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing N is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. D - E 118 -693

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.

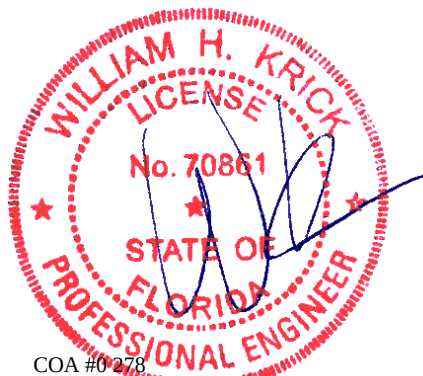
Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

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



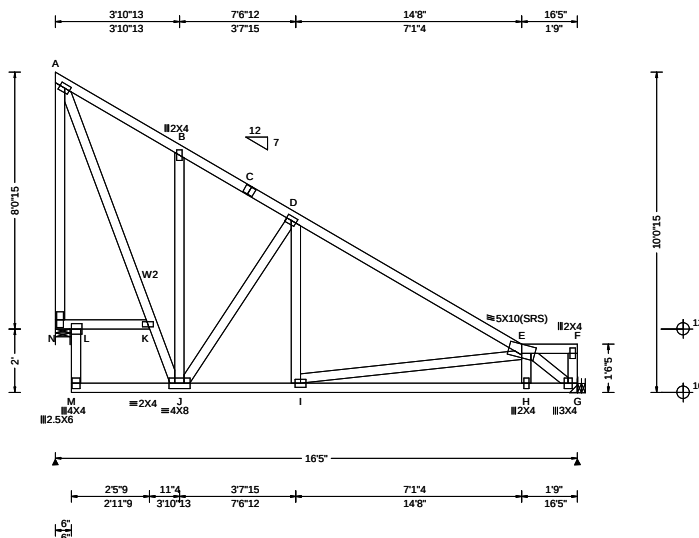
COA #0278

07/24/2024
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SEQN: 33700 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C16	Cust: R 215 JRef: 1Y1S2150010 T110 DrwNo: 205.24.1507.03510 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.80 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.059 K 999 240 VERT(CL): 0.100 K 999 180 HORZ(LL): 0.155 B - - HORZ(TL): 0.209 B - - Creep Factor: 2.0 Max TC CSI: 0.570 Max BC CSI: 0.486 Max Web CSI: 0.750 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL N 683 /- /- /487 /86 /223 G 683 /- /- /413 /7 /- Non-Gravity Wind reactions based on MWFRS N Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing N is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 162 -391 D - E 71 -779 C - D 68 -405

Lumber

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

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

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



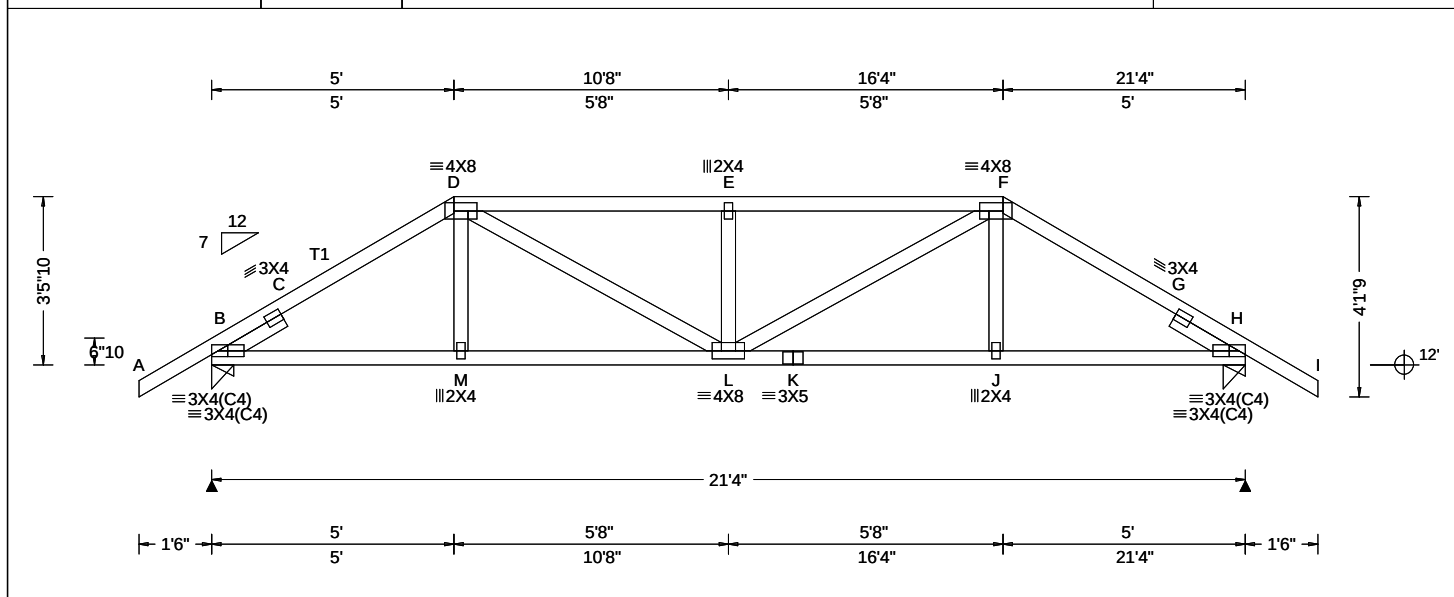
COA #0278

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

SEQN: 105892 FROM:	HIPS Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C17	Cust: R 215 JRef: 1Y1S2150010 T80 DrwNo: 205.24.1507.05597 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.101 E 999 240 VERT(CL): 0.203 E 999 180 HORZ(LL): 0.032 G - - HORZ(TL): 0.064 G - - Creep Factor: 2.0 Max TC CSI: 0.557 Max BC CSI: 0.374 Max Web CSI: 0.465 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1877 - / - / - / - /447 - / - H 1877 - / - / - / - /447 - / - Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.6 (Truss) H Brg Wid = 5.5 Min Req = 1.6 (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 691 -2860 E - F 872 -3431 C - D 670 -2803 F - G 672 -2810 D - E 872 -3431 G - H 693 -2867

Lumber

Top chord: 2x4 SP M-31; T1 2x4 SP #2;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

Special Loads

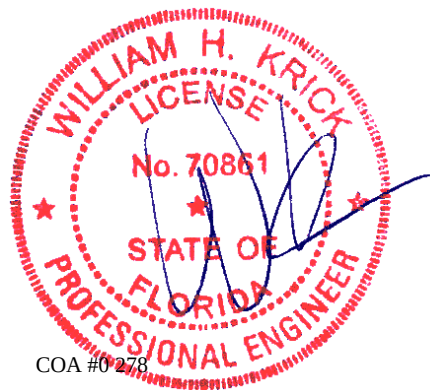
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 5.00
TC: From 32 plf at 5.00 to 32 plf at 16.33
TC: From 63 plf at 16.33 to 63 plf at 22.83
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 5.03
BC: From 10 plf at 5.03 to 10 plf at 16.30
BC: From 20 plf at 16.30 to 20 plf at 21.33
BC: From 5 plf at 21.33 to 5 plf at 22.83
TC: 136 lb Conc. Load at 7.06, 9.06, 10.67, 12.27
14.27
BC: 481 lb Conc. Load at 5.03, 16.30
BC: 94 lb Conc. Load at 7.06, 9.06, 10.67, 12.27
14.27

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.



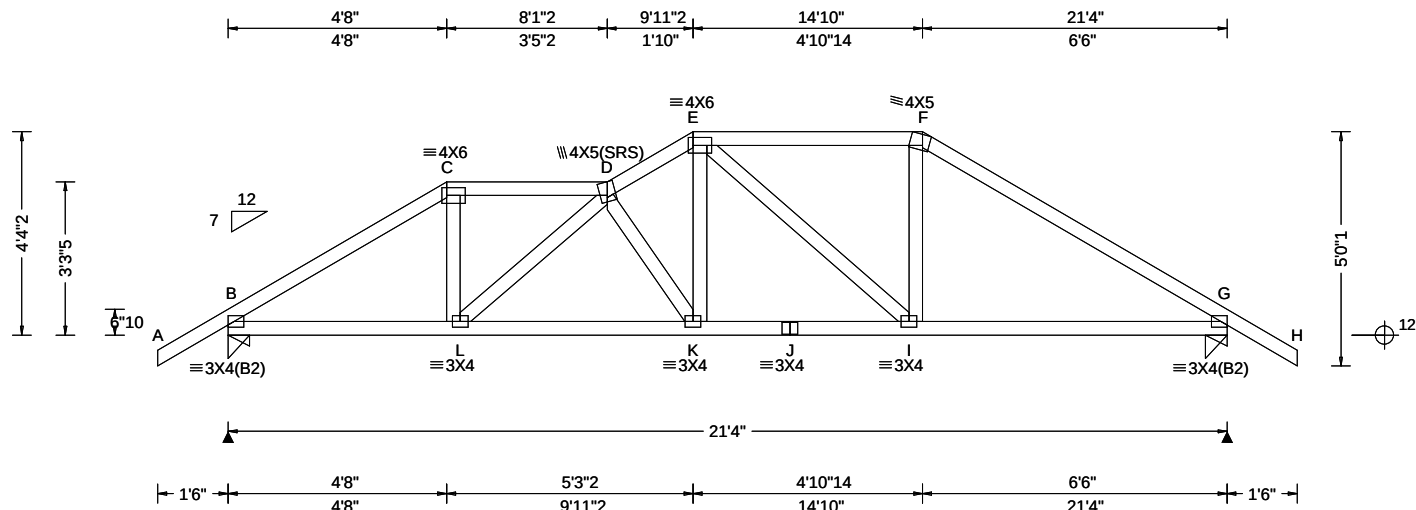
COA #0278

07/24/2024
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46415 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C18	Cust: R 215 JRef: 1Y1S2150010 T124 DrwNo: 205.24.1159.13216 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.059 D 999 240 VERT(CL): 0.119 D 999 180 HORZ(LL): 0.024 G - - HORZ(TL): 0.048 G - - Creep Factor: 2.0 Max TC CSI: 0.484 Max BC CSI: 0.565 Max Web CSI: 0.218 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 989 /- /- /583 /177 /142 G 989 /- /- /586 /177 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 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 624 -1313 E - F 571 -1016 C - D 590 -1090 F - G 591 -1268 D - E 740 -1352

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.

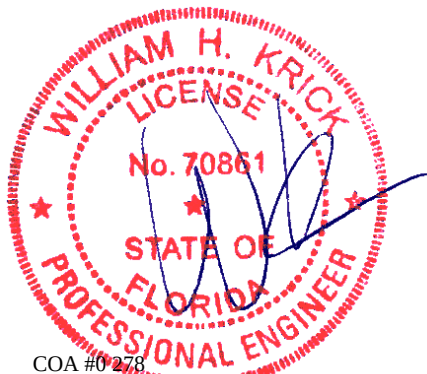
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - L	1051 -422	J - I	1156 -493
L - K	1444 -662	I - G	1000 -391
K - J	1156 -493		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - L	412 -136	D - K	331 -549
L - D	312 -487	E - K	572 -251



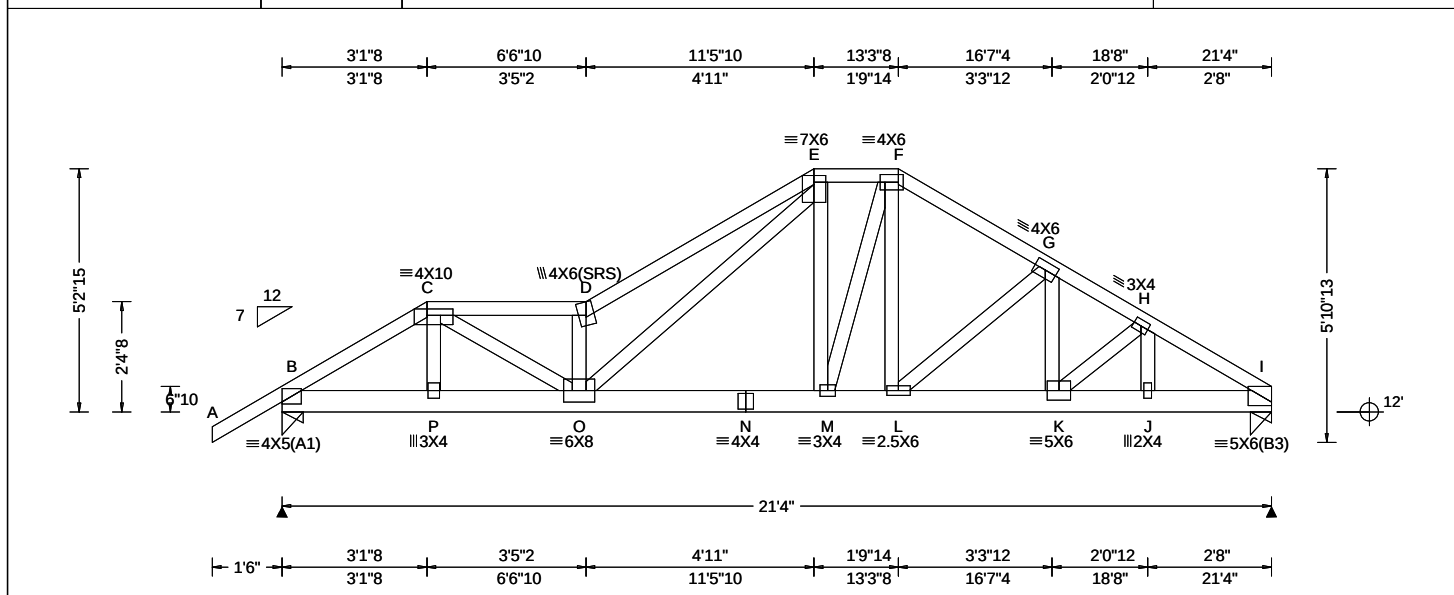
COA #0278

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

SEQN: 109432 FROM:	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C19	Cust: R 215 JRef: 1Y1S2150010 T60 DrwNo: 205.24.1507.08723 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.150 D 999 240 VERT(CL): 0.303 D 833 180 HORZ(LL): 0.038 C - - HORZ(TL): 0.078 C - - Creep Factor: 2.0 Max TC CSI: 0.716 Max BC CSI: 0.323 Max Web CSI: 0.755 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1680 -/- /- /- /289 -/ I 2818 -/- /- /- /275 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) I Brg Wid = 5.5 Min Req = 2.3 (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 394 -2463 F - G 341 -2190 C - D 480 -3131 G - H 499 -3421 D - E 618 -3876 H - I 461 -3674 E - F 282 -1875

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 63 plf at -1.50 to 63 plf at 21.33
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 21.33
BC: 435 lb Conc. Load at 3.16
BC: 1048 lb Conc. Load at 16.60
BC: 568 lb Conc. Load at 18.60
BC: 571 lb Conc. Load at 20.60

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.



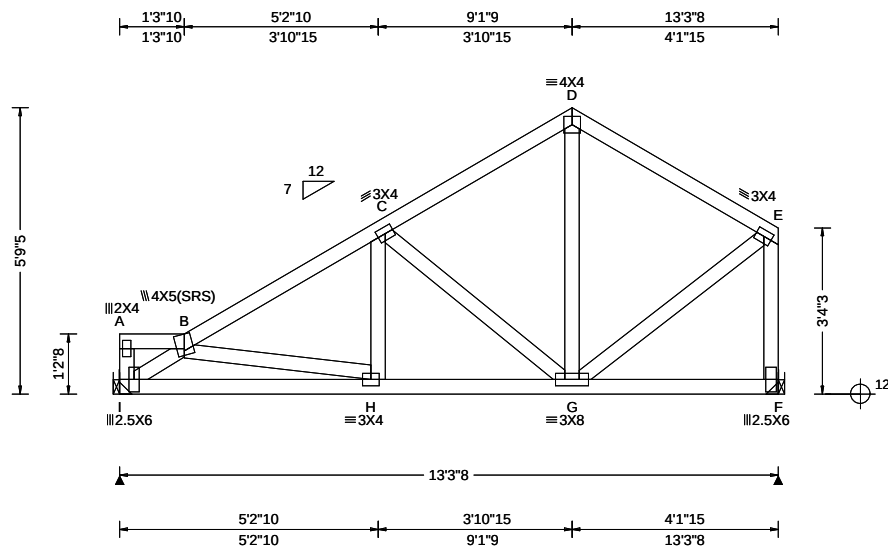
COA #0278

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

SEQN: 33577 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: C20	Cust: R 215 JRef:1Y1S2150010 T35 DrwNo: 205.24.1507.12493 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.49 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.012 H 999 240 VERT(CL): 0.025 H 999 180 HORZ(LL): 0.005 F - - HORZ(TL): 0.010 F - - Creep Factor: 2.0 Max TC CSI: 0.223 Max BC CSI: 0.305 Max Web CSI: 0.176 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL I 553 - / - /315 /81 /118 F 553 - / - /309 /101 - Wind reactions based on MWFRS I Brg Wid = - Min Req = - F Brg Wid = - Min Req = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 219 -737 D - E 181 -416 C - D 189 -421

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



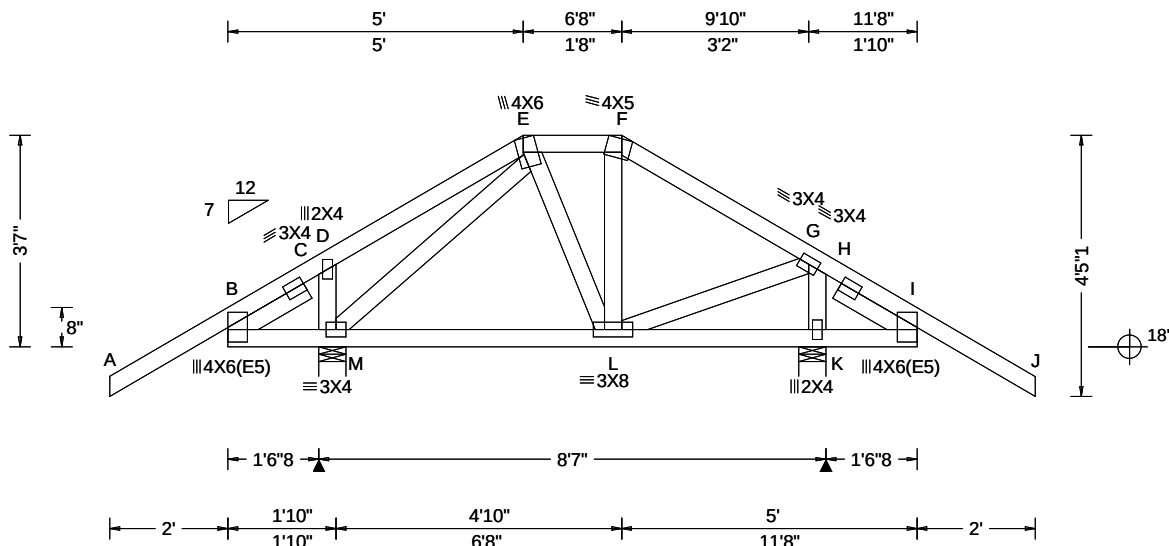
COA #0278

07/24/2024
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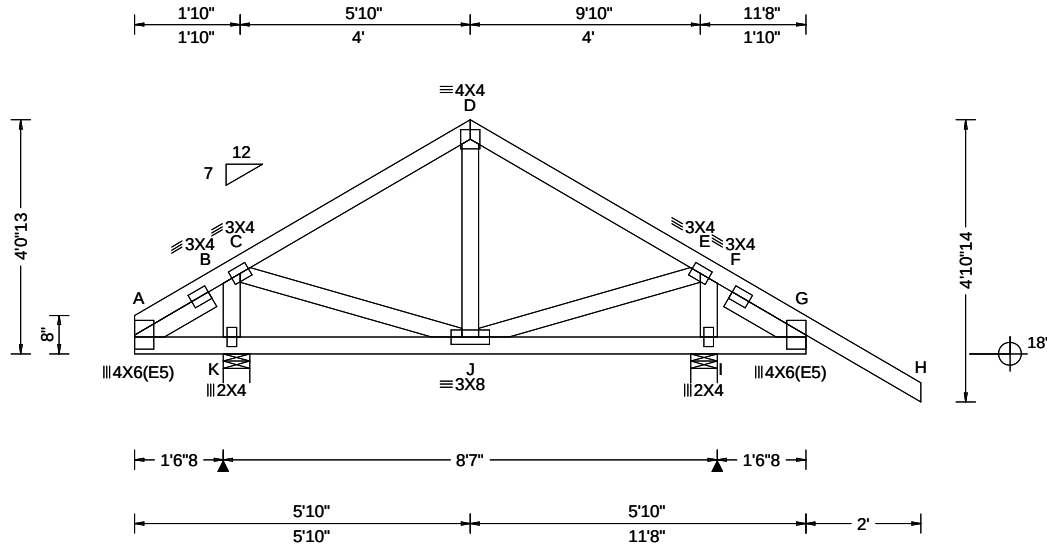
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SEQN: 33829 FROM:	HIPS Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: D01	Cust: R 215 JRef: 1Y1S2150010 T95 DrwNo: 205.24.1507.14407 AK / WHK 07/23/2024
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SEQN: 47784 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: D02	Cust: R 215 JRef:1Y1S2150010 T109 DrwNo: 205.24.1159.11618 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.78 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.004 G 999 240 VERT(CL): 0.009 G 999 180 HORZ(LL): 0.002 F - - HORZ(TL): 0.005 F - - Creep Factor: 2.0 Max TC CSI: 0.366 Max BC CSI: 0.113 Max Web CSI: 0.164 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K 474 /- /- /319 /89 /132 I 671 /- /- /473 /166 /- Wind reactions based on MWFRS K Brg Wid = 5.5 Min Req = 1.5 (Truss) I Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings 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. E - F 387 -386 F - G 383 -389

Lumber

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

Wind

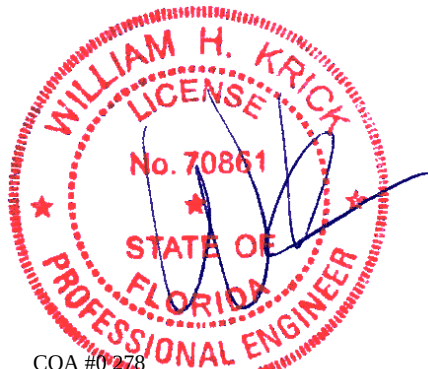
Wind loads based on MWFRS with additional C&C member design.
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
J - I	463 -299	I - G	483 -324

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
K - C	236 -399	E - I	397 -568
J - E	430 -304		



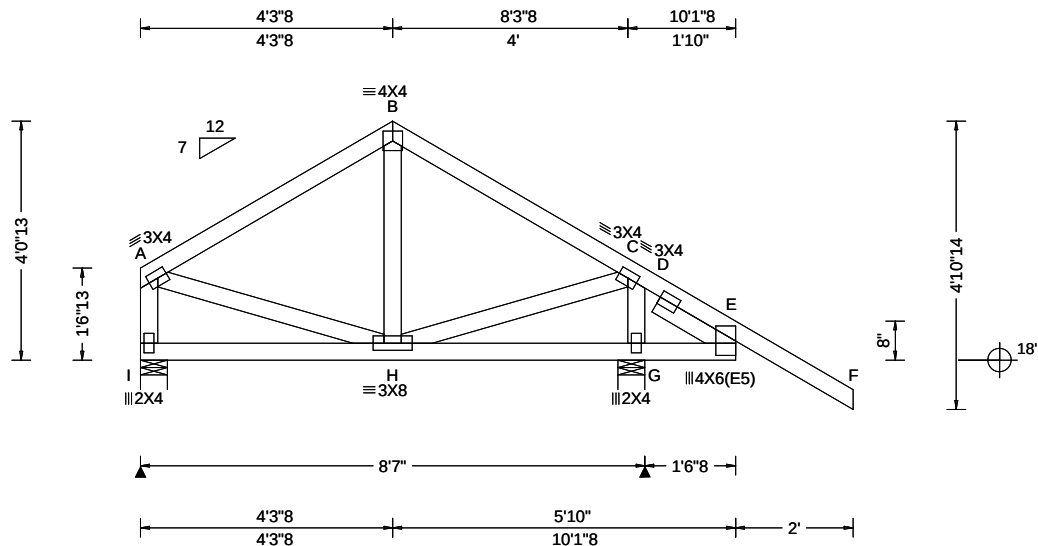
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47786 / FROM:	SPEC	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: D03	Cust: R 215 JRef:1Y1S2150010 T13 / DrwNo: 205.24.1159.13655 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.78 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.004 E 999 240 VERT(CL): 0.009 E 999 180 HORZ(LL): 0.002 D - - HORZ(TL): 0.005 D - - Creep Factor: 2.0 Max TC CSI: 0.367 Max BC CSI: 0.139 Max Web CSI: 0.173 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 326 /- /- /186 /47 /119 G 684 /- /- /480 /110 /- Wind reactions based on MWFRS I Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings I & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. C - D 390 -416 D - E 387 -420

Lumber

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

Wind

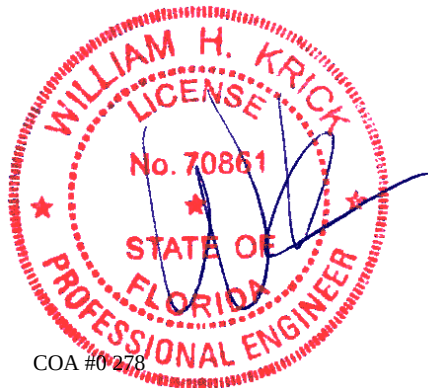
Wind loads based on MWFRS with additional C&C member design.
Left end vertical not exposed to wind pressure.
Right cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
H - G	499 -301	G - E	522 -327

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
H - C	455 -341	C - G	430 -583



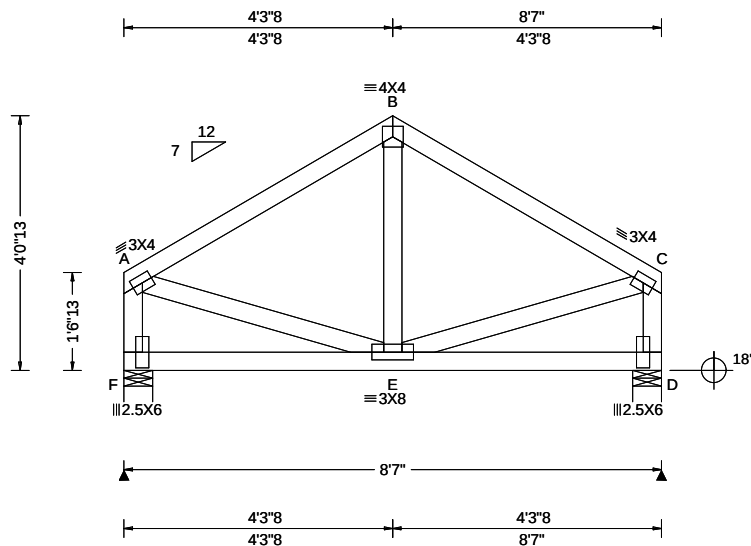
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47788 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: D04	Cust: R 215 JRef:1Y1S2150010 T48 / DrwNo: 205.24.1159.11226 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 20.82 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.003 B 999 240 VERT(CL): 0.006 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.223 Max BC CSI: 0.161 Max Web CSI: 0.117 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 357 /- /- /196 /56 /68 D 357 /- /- /196 /56 /- Wind reactions based on MWFRS F Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings F & D are a rigid surface. Members not listed have forces less than 375#

Lumber

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

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.



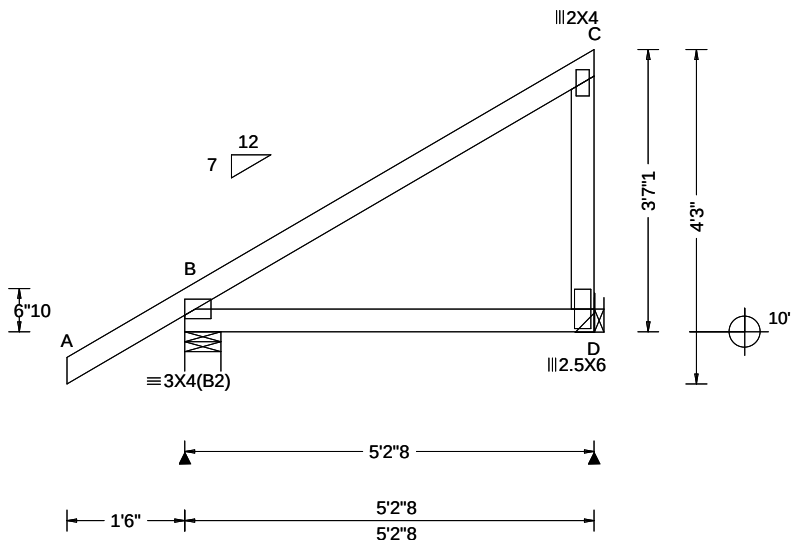
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07/24/2024
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SEQN: 47024 / FROM:	SPEC Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: D06	Cust: R 215 JRef:1Y1S2150010 T1 / DrwNo: 205.24.1159.12464 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.419 Max BC CSI: 0.266 Max Web CSI: 0.200 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 337 /- /- /232 /- /94 D 198 /- /- /144 /34 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (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: 2x4 SP #2;
Webs: 2x4 SP #3;

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



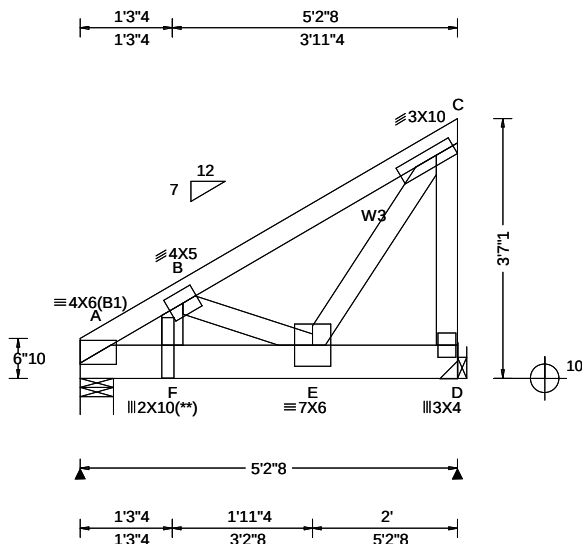
COA #0278

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

SEQN: 33844 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: D07	Cust: R 215 JRef: 1Y1S2150010 T92 DrwNo: 205.24.1511.45073 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.022 E 999 240 VERT(CL): 0.043 E 999 180 HORZ(LL): -0.009 C - - HORZ(TL): 0.018 C - - Creep Factor: 2.0 Max TC CSI: 0.394 Max BC CSI: 0.339 Max Web CSI: 0.645 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 2489 /- /- /8 /- /- D 1825 /- /- /- /76 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 2.1 (Truss) D Brg Wid = - Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 1 - 3038 B - C 71 - 1787

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W3 2x4 SP #2;

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 5.21
BC: From 10 plf at 0.00 to 10 plf at 5.21
BC: 2049 lb Conc. Load at 1.27, 3.27

Plating Notes

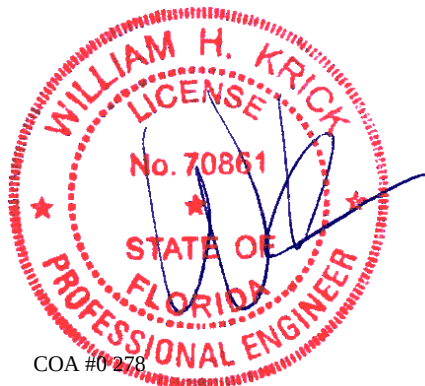
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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



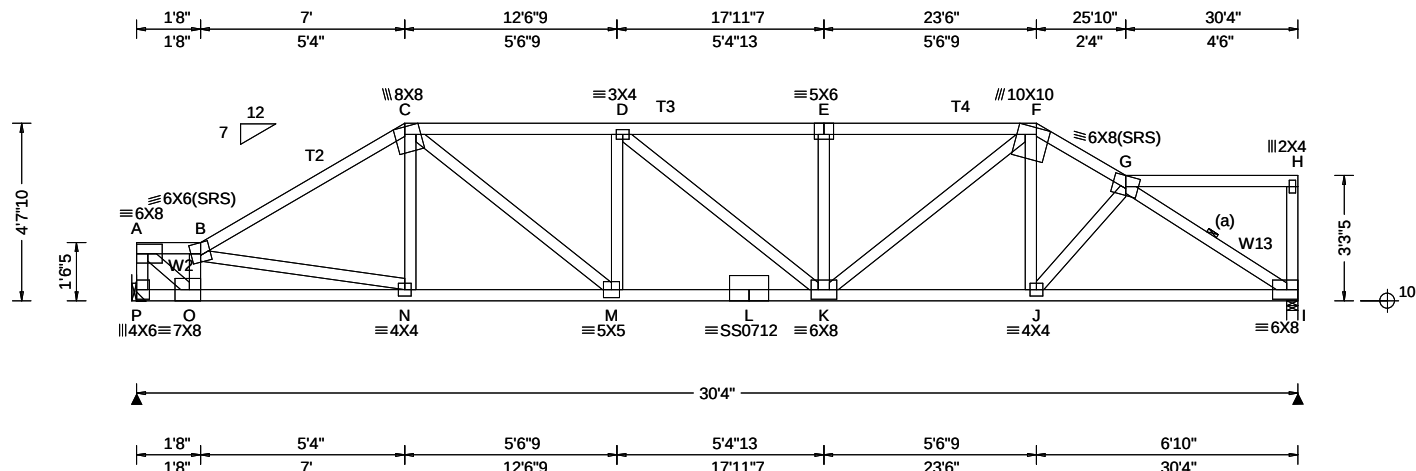
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46885 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: E01	Cust: R 215 JRef: 1Y1S2150010 T120 DrwNo: 205.24.1159.14094 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 3.03 ft 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 8th Ed. 2023 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): 0.252 E 999 240 VERT(CL): 0.511 E 712 180 HORZ(LL): 0.083 I - - HORZ(TL): 0.169 I - - Creep Factor: 2.0 Max TC CSI: 0.795 Max BC CSI: 0.849 Max Web CSI: 0.861 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL P 3140 - / - / - / 489 - / - I 3160 - / - / - / 492 - / - Wind reactions based on MWFRS P Brg Wid = - Min Req = - I Brg Wid = 3.5 Min Req = 2.6 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 518 - 3395 D - E 955 - 6293 B - C 863 - 5483 E - F 956 - 6293 C - D 948 - 6270 F - G 818 - 5328

Lumber

Top chord: 2x4 SP #2; T2,T3,T4 2x4 SP M-31;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP #3; W2 2x4 SP M-31; W13 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 7.00
TC: From 32 plf at 7.00 to 32 plf at 23.50
TC: From 63 plf at 23.50 to 63 plf at 30.33
BC: From 20 plf at 0.00 to 20 plf at 7.03
BC: From 10 plf at 7.03 to 10 plf at 23.47
BC: From 20 plf at 23.47 to 20 plf at 30.33
TC: 197 lb Conc. Load at 9.06,11.06,13.06,15.06
15.44,17.44,19.44,21.44
BC: 910 lb Conc. Load at 7.03,23.47
BC: 133 lb Conc. Load at 9.06,11.06,13.06,15.06
15.44,17.44,19.44,21.44

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

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

Wind

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

Deflection

Max JT VERT DEFL: LL: 0.25" DL: 0.26". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	4126 - 643	L - K	6322 - 967
N - M	4680 - 722	K - J	4597 - 701
M - L	6322 - 967	J - I	4497 - 709

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - P	469 - 3063	M - D	290 - 787
A - O	4542 - 693	E - K	294 - 793
O - B	540 - 3145	K - F	2152 - 323
B - N	569 - 81	F - J	982 - 84
C - N	991 - 76	G - I	848 - 5371
C - M	2037 - 289		



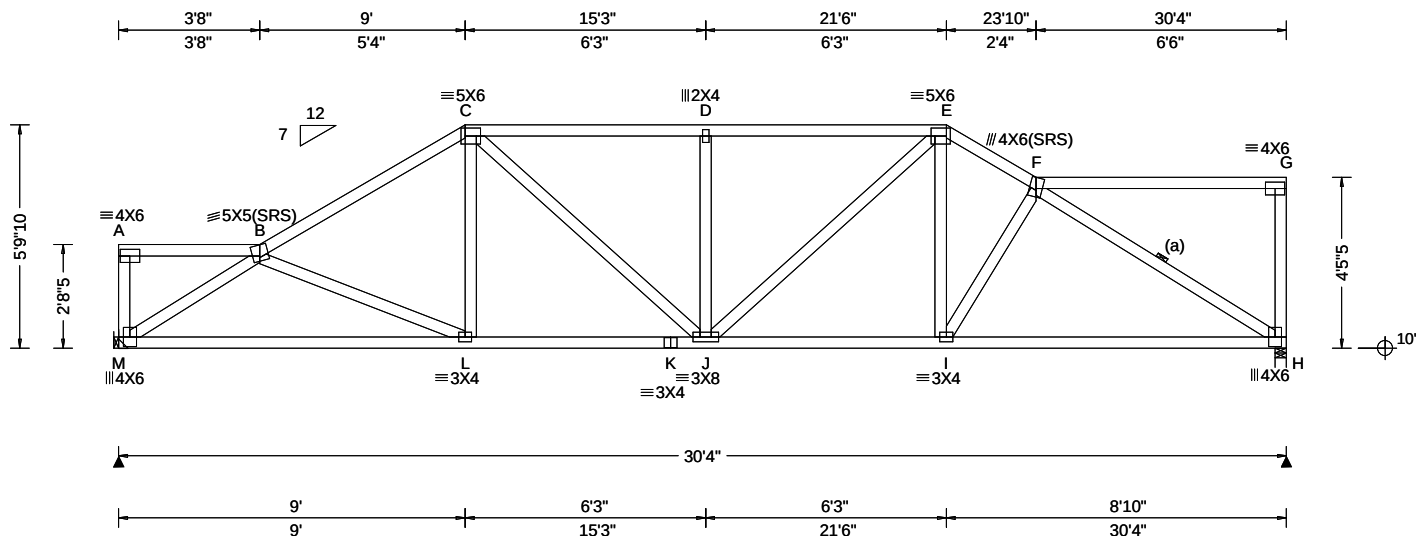
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46214 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: E02	Cust: R 215 JRef: 1Y1S2150010 T158 DrwNo: 205.24.1159.11805 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 3.03 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.082 D 999 240 VERT(CL): 0.170 D 999 180 HORZ(LL): 0.028 H - - HORZ(TL): 0.058 H - - Creep Factor: 2.0 Max TC CSI: 0.639 Max BC CSI: 0.386 Max Web CSI: 0.753 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL M 1261 - / - / - /673 /218 /80 H 1261 - / - / - /631 /235 - / - Wind reactions based on MWFRS M Brg Wid = - Min Req = - H Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing H is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 817 -1821 D - E 959 -1782 C - D 959 -1782 E - F 878 -1765

Lumber

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



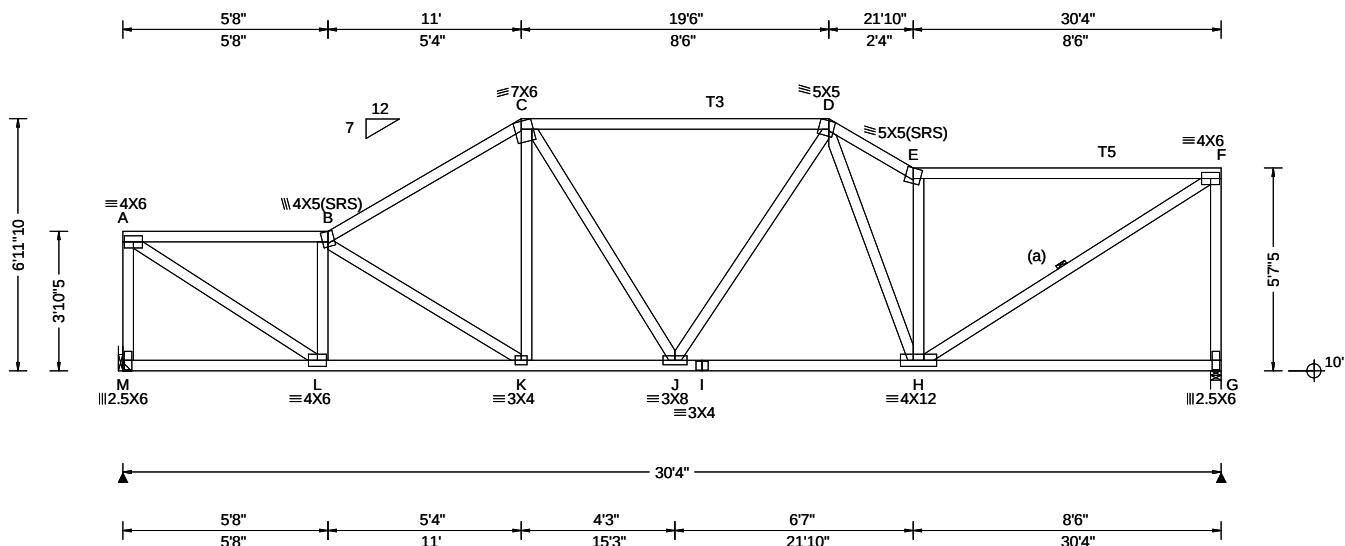
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SEQN: 18872 / FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: E03	Cust: R 215 JRef: 1Y1S2150010 T89 / DrwNo: 205.24.1159.13435 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.41 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.03 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.081 E 999 240 VERT(CL): 0.168 E 999 180 HORZ(LL): 0.025 A - - HORZ(TL): 0.053 A - - Creep Factor: 2.0 Max TC CSI: 0.699 Max BC CSI: 0.732 Max Web CSI: 0.725 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 1261 - / - / - / 664 / 217 / 80 G 1261 - / - / - / 639 / 239 / - Wind reactions based on MWFRS M Brg Wid = - Min Req = - G Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 697 -1600 D - E 936 -1832 B - C 766 -1659 E - F 743 -1508 C - D 716 -1394

Lumber

Top chord: 2x4 SP #2; T3,T5 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

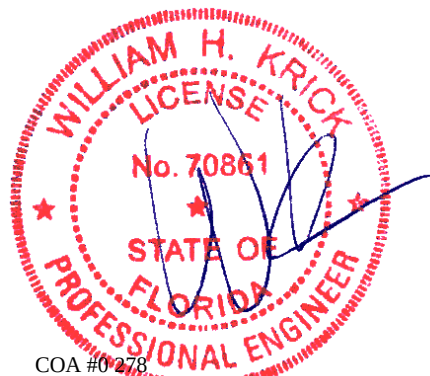
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Wind

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.



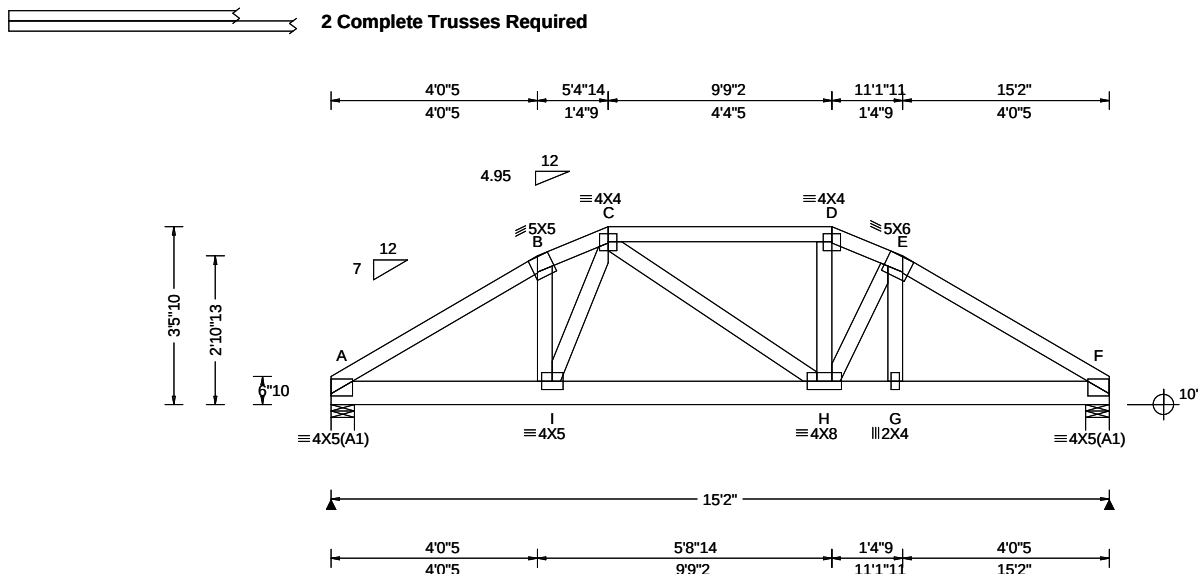
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SEQN: 34506 FROM:	COMN Ply: 2 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: E04	Cust: R 215 JRef:1Y1S2150010 T121 DrwNo: 205.24.1510.52700 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.046 H 999 240 VERT(CL): 0.092 H 999 180 HORZ(LL): 0.012 F - - HORZ(TL): 0.024 F - - Creep Factor: 2.0 Max TC CSI: 0.411 Max BC CSI: 0.307 Max Web CSI: 0.254 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 3455 -/- /- /321 -/ F 3391 -/- /- /300 -/ Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings A & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 267 -2653 D - E 250 -2456 B - C 248 -2491 E - F 249 -2528 C - D 226 -2296

Lumber

Top chord: 2x4 SP #2;
Bot chord: 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 @ 4.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

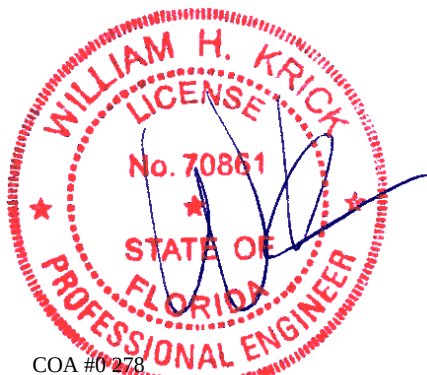
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 4.02
TC: From 31 plf at 4.02 to 31 plf at 11.14
TC: From 32 plf at 11.14 to 32 plf at 15.17
BC: From 10 plf at 0.00 to 10 plf at 15.17
TC: 77 lb Conc. Load at 4.02,11.14
TC: 127 lb Conc. Load at 5.00,10.17
TC: 243 lb Conc. Load at 5.46, 9.71
TC: 112 lb Conc. Load at 7.58
BC: 683 lb Conc. Load at 1.60, 3.60, 7.44,11.44
13.44
BC: 26 lb Conc. Load at 4.02,11.14
BC: 89 lb Conc. Load at 5.00,10.17
BC: 767 lb Conc. Load at 5.44
BC: 39 lb Conc. Load at 7.58
BC: 681 lb Conc. Load at 9.44
BC: 86 lb Conc. Load at 9.71

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.



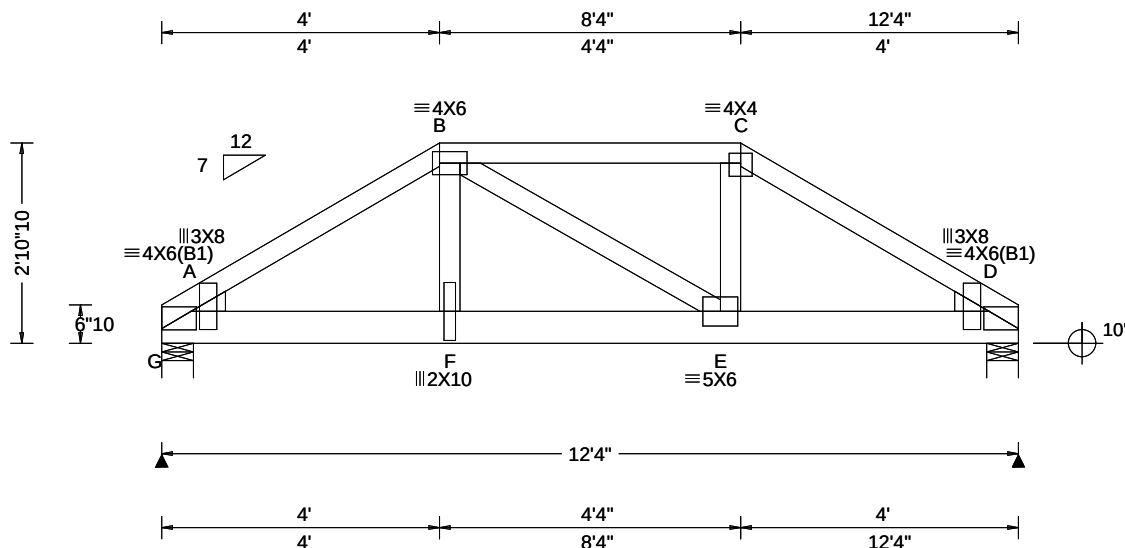
COA #0278

07/24/2024
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33630 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: E05	Cust: R 215 JRef: 1Y1S2150010 T20 DrwNo: 205.24.1510.56710 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.037 E 999 240 VERT(CL): 0.074 E 999 180 HORZ(LL): 0.008 D - - HORZ(TL): 0.017 D - - Creep Factor: 2.0 Max TC CSI: 0.309 Max BC CSI: 0.310 Max Web CSI: 0.490 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 2467 /- /- /- /2 /- D 2035 /- /- /- /4 /- Wind reactions based on MWFRS G Brg Wid = 5.5 Min Req = 2.0 (Truss) D Brg Wid = 5.5 Min Req = 1.7 (Truss) Bearings G & D are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 38 -2873 C - D 24 -2795 B - C 8 -2541

Lumber

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

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 2.60
TC: From 32 plf at 2.60 to 32 plf at 12.33
BC: From 10 plf at 0.00 to 10 plf at 12.33
BC: 651 lb Conc. Load at 0.60, 2.60, 6.60, 8.60
10.60
BC: 650 lb Conc. Load at 4.60

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.



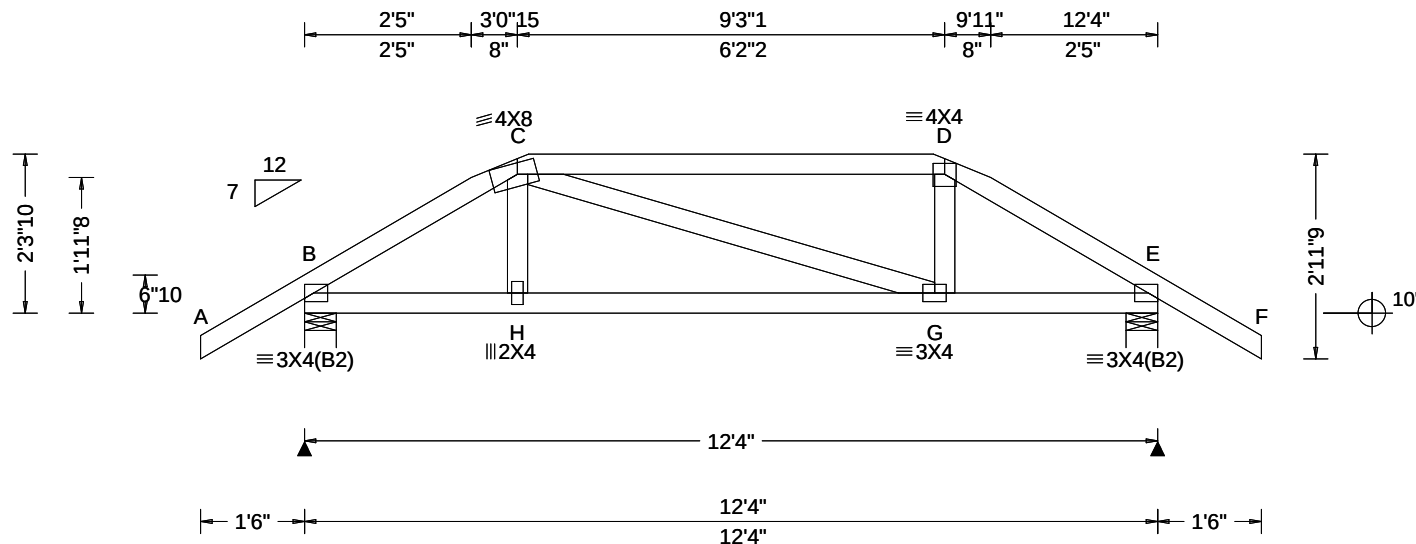
COA #0278

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

SEQN: 47154 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: E06	Cust: R 215 JRef: 1Y1S2150010 T122 DrwNo: 205.24.1159.11006 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.031 G 999 240 VERT(CL): 0.061 G 999 180 HORZ(LL): 0.018 E - - HORZ(TL): 0.035 E - - Creep Factor: 2.0 Max TC CSI: 0.644 Max BC CSI: 0.567 Max Web CSI: 0.070 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 848 -/- /- /200 -/ E 856 -/- /- /203 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & 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. B - C 257 -1143 D - E 265 -1157 C - D 207 -957

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 63 plf at -1.50 to 63 plf at 2.41
TC: From 32 plf at 2.41 to 32 plf at 9.86
TC: From 63 plf at 9.86 to 63 plf at 13.83
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 2.48
BC: From 10 plf at 2.48 to 10 plf at 9.86
BC: From 20 plf at 9.86 to 20 plf at 12.33
BC: From 5 plf at 12.33 to 5 plf at 13.83
TC: 59 lb Conc. Load at 2.48, 9.86
TC: 98 lb Conc. Load at 3.30, 9.04
TC: 68 lb Conc. Load at 5.35, 7.35
BC: 48 lb Conc. Load at 2.48, 9.86
BC: 64 lb Conc. Load at 3.30, 9.04
BC: 54 lb Conc. Load at 5.35, 7.35

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.



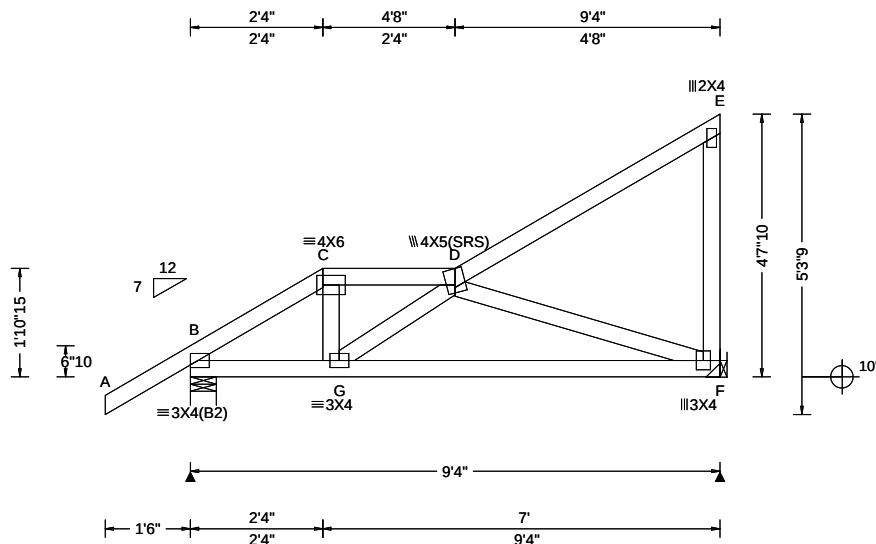
COA #0278

07/24/2023
Florida Certificate of Product Approval #FL 1999

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

SEQN: 47455 / FROM:	MONO Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: E13	Cust: R 215 JRef:1Y1S2150010 T150 DrwNo: 205.24.1159.12903 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.014 D 999 240 VERT(CL): 0.028 D 999 180 HORZ(LL): -0.005 E - - HORZ(TL): 0.010 E - - Creep Factor: 2.0 Max TC CSI: 0.388 Max BC CSI: 0.474 Max Web CSI: 0.283 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 517 /- /- /- /103 /- F 381 /- /- /- /61 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 57 -549 C - D 29 -449

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 63 plf at -1.50 to 63 plf at 9.33
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 9.33
TC: 16 lb Conc. Load at 2.33
BC: 4 lb Conc. Load at 2.33

Hangers / Ties

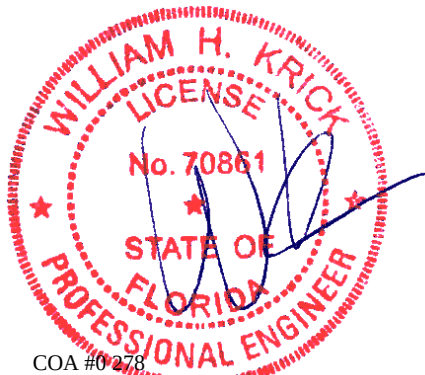
(J) Hanger Support Required, by others

Purlins

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

Wind

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



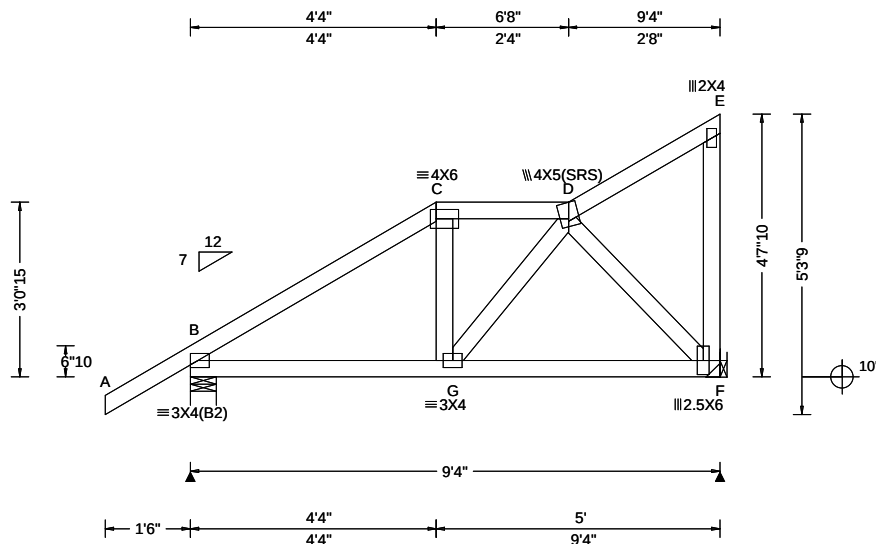
COA #0278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47792 / FROM:	MONO Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: E14	Cust: R 215 JRef:1Y1S2150010 T86 / DrwNo: 205.24.1159.11539 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.006 C 999 240 VERT(CL): 0.012 C 999 180 HORZ(LL): 0.003 F - - HORZ(TL): 0.005 F - - Creep Factor: 2.0 Max TC CSI: 0.247 Max BC CSI: 0.249 Max Web CSI: 0.110 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 501 /- /- /327 /58 /167 F 376 /- /- /245 /96 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 174 -458

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.



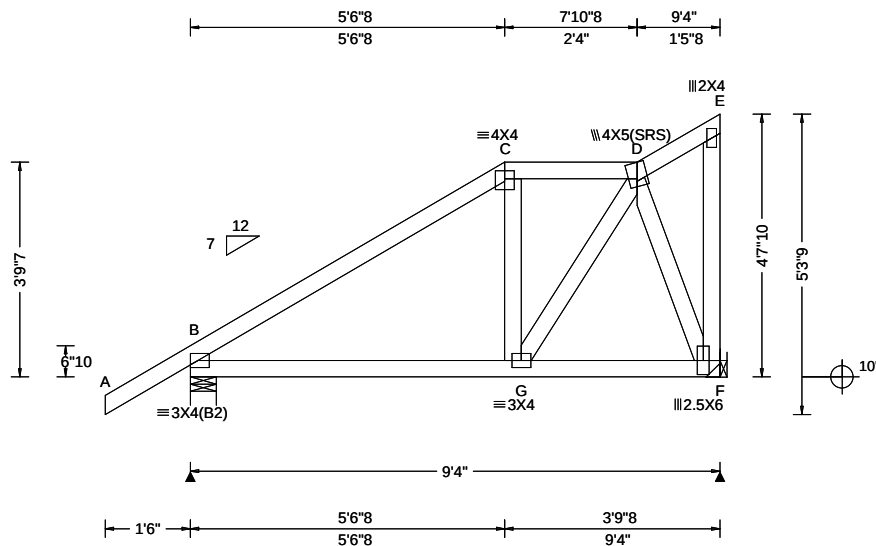
COA #0278

07/24/2024
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SEQN: 47451 / FROM:	MONO Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: E15	Cust: R 215 JRef: 1Y1S2150010 T63 / DrwNo: 205.24.1159.13670 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.003 C 999 240 VERT(CL): 0.006 C 999 180 HORZ(LL): -0.002 E - - HORZ(TL): 0.003 E - - Creep Factor: 2.0 Max TC CSI: 0.294 Max BC CSI: 0.267 Max Web CSI: 0.103 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 501 /- /- /332 /58 /167 F 376 /- /- /240 /96 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 129 -412

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

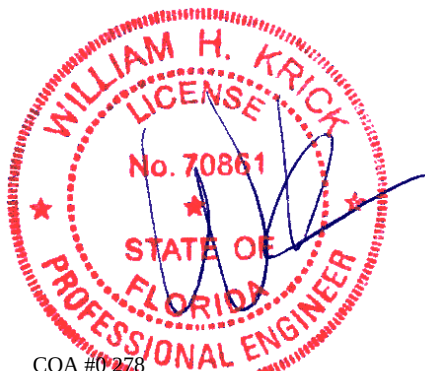
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

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.



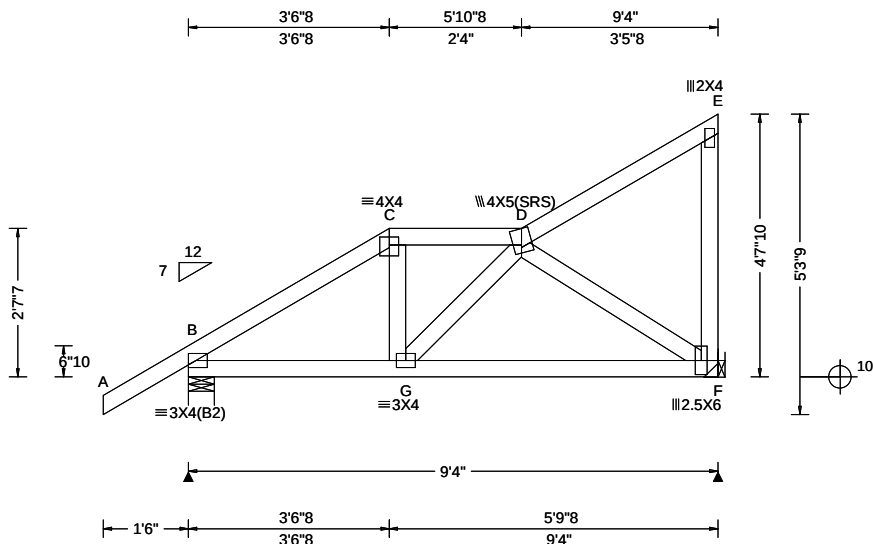
COA #0278

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SEQN: 47453 / FROM:	MONO Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: E16	Cust: R 215 JRef:1Y1S2150010 T141 DrwNo: 205.24.1159.11289 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.008 G 999 240 VERT(CL): 0.016 G 999 180 HORZ(LL): 0.003 F - - HORZ(TL): 0.007 F - - Creep Factor: 2.0 Max TC CSI: 0.246 Max BC CSI: 0.310 Max Web CSI: 0.144 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 501 /- /- /324 /58 /167 F 376 /- /- /248 /96 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 194 -487

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.



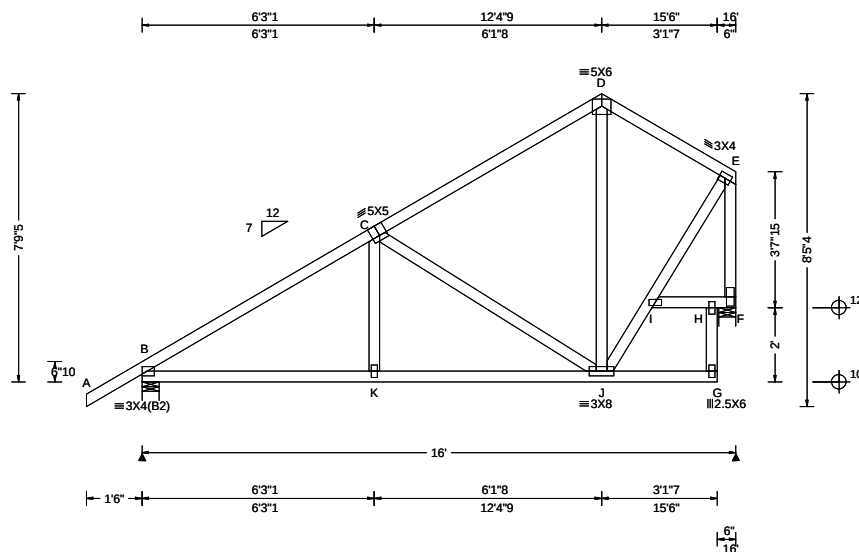
COA #0278

07/24/2024
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SEQN: 33605 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G01	Cust: R 215 JRef: 1Y1S2150010 T176 DrwNo: 205.24.1510.37040 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.020 K 999 240 VERT(CL): 0.040 K 999 180 HORZ(LL): 0.007 G - - HORZ(TL): 0.015 G - - Creep Factor: 2.0 Max TC CSI: 0.393 Max BC CSI: 0.374 Max Web CSI: 0.503 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 775 /- /- /496 /105 /206 F 657 /- /- /397 /138 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 141 -903 C - D 125 -415

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - K	694 -234	K - J	692 -235

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - J	201 -504	I - E	479 -128
J - I	477 -131	E - F	211 -635



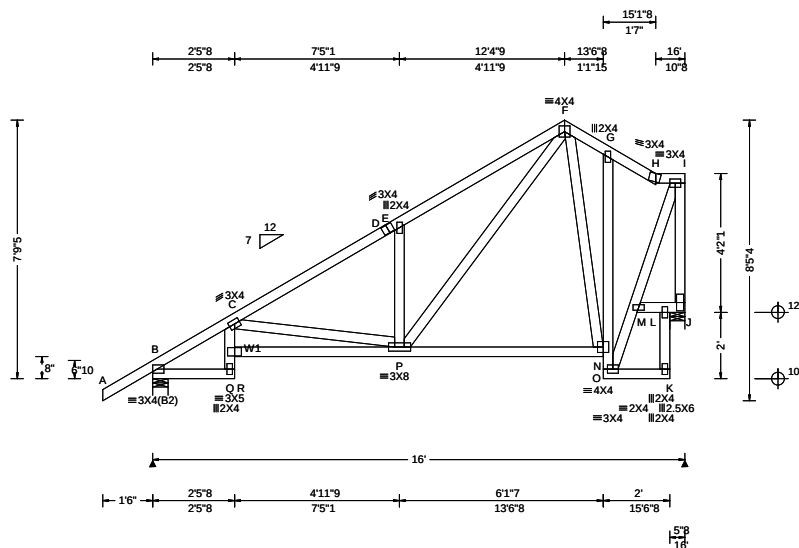
COA #0278

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

SEQN: 33611 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G02	Cust: R 215 JRef:1Y1S2150010 T175 DrwNo: 205.24.1510.41163 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.063 C 999 240 VERT(CL): 0.129 C 999 180 HORZ(LL): 0.067 K - - HORZ(TL): 0.138 K - - Creep Factor: 2.0 Max TC CSI: 0.415 Max BC CSI: 0.599 Max Web CSI: 0.655 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 775 -/- /- /499 /5 /203 J 657 -/- /- /403 /48 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) J Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 131 -952 D - E 170 -755 C - D 168 -904 E - F 312 -926

Lumber

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

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.

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - R	753 -294	Q - P	1247 -485

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - P	247 -527	N - M	546 -186
P - F	756 -258	M - I	544 -180
O - N	179 -479	I - J	260 -644



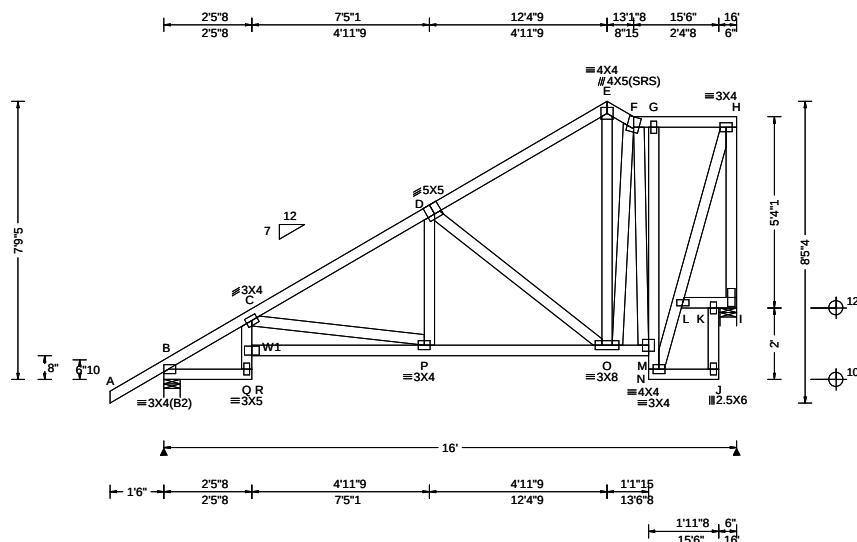
COA #0278

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North Building, 4th Floor
Glenview, IL 60025

SEQN: 33715 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G03	Cust: R 215 JRef: 1Y1S2150010 T65 DrwNo: 205.24.1510.43540 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.062 C 999 240 VERT(CL): 0.127 C 999 180 HORZ(LL): 0.066 J - - HORZ(TL): 0.135 J - - Creep Factor: 2.0 Max TC CSI: 0.430 Max BC CSI: 0.460 Max Web CSI: 0.640 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 775 /- /- /507 /4 /203 I 657 /- /- /415 /96 /- Non-Gravity Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) I Brg Wid = 5.5 Min Req = 1.5 (Truss) 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 115 -956 D - E 112 -416 C - D 156 -899

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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.

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



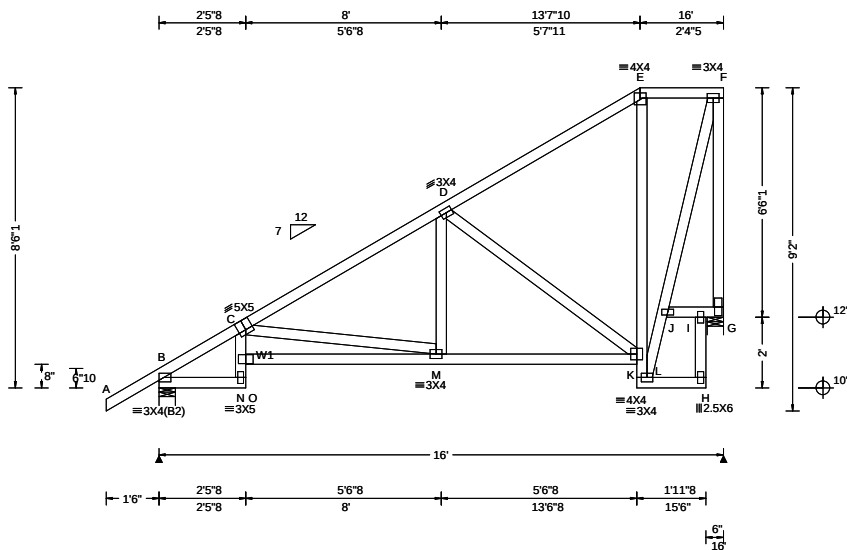
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SEQN: 33719 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G04	Cust: R 215 JRef: 1Y1S2150010 T185 DrwNo: 205.24.1507.27640 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.065 C 999 240 VERT(CL): 0.132 C 999 180 HORZ(LL): 0.070 H - - HORZ(TL): 0.143 H - - Creep Factor: 2.0 Max TC CSI: 0.442 Max BC CSI: 0.601 Max Web CSI: 0.588 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 775 /- /- /510 /- /222 G 657 /- /- /439 /112 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 Min Req = 1.5 (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 76 -966 C - D 97 -868

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

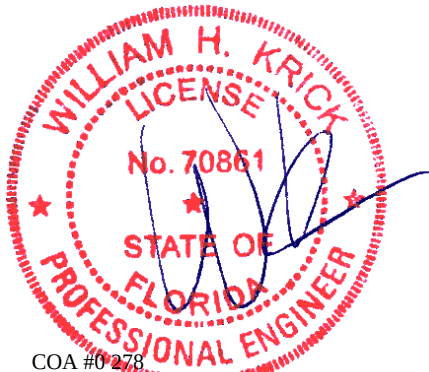
Wind

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.

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



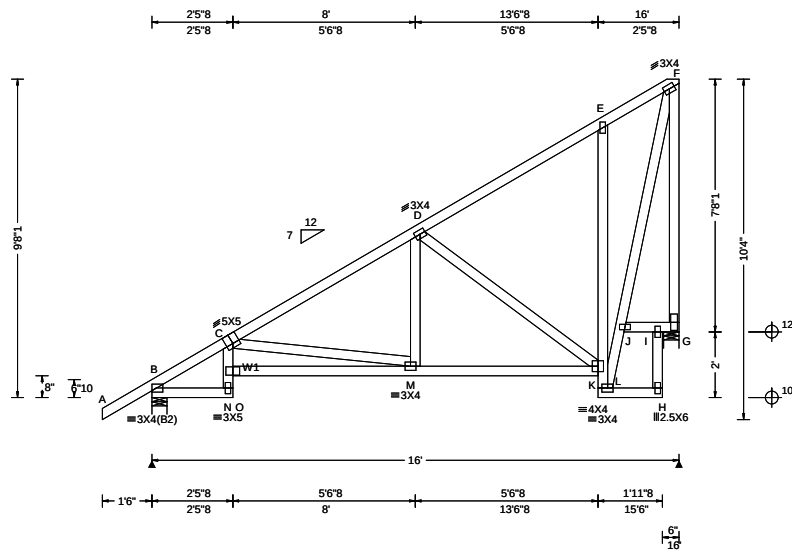
COA #0278

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

SEQN: 33722 FROM:	HIPM Qty: 1	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G05	Cust: R 215 JRef: 1Y1S2150010 T12 DrwNo: 205.24.1507.32140 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.065 C 999 240 VERT(CL): 0.134 C 999 180 HORZ(LL): 0.071 H - - HORZ(TL): 0.145 H - - Creep Factor: 2.0 Max TC CSI: 0.438 Max BC CSI: 0.601 Max Web CSI: 0.710 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 775 -/- /- /504 -/- /253 G 659 -/- /- /469 /100 -/- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 5.5 Min Req = 1.5 (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 15 -966 C - D 29 -868

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

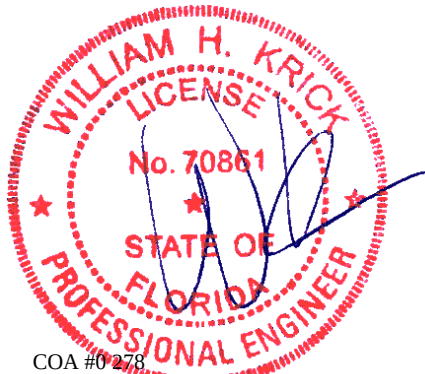
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (if no rigid diaphragm exists at that point).

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - O	771 -339	M - L	677 -261
N - M	1279 -557		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - M	303 -600	K - J	711 -296
D - L	231 -612	J - F	710 -289
L - K	291 -660	F - G	266 -643



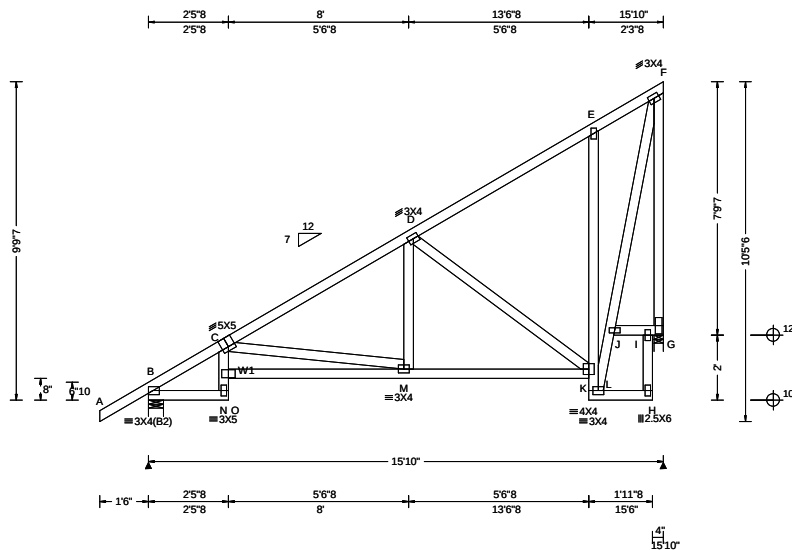
COA #0278

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

SEQN: 33725 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G06	Cust: R 215 JRef: 1Y1S2150010 T37 DrwNo: 205.24.1507.36597 AK / WHK 07/23/2024
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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 7-22	Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/def L/#	Gravity	
TCDL:	10.00	Speed:	130 mph	Pf: NA	Ce: NA		VERT(LL): 0.064 C 999 240	Loc	R+ / R- / Rh
BCLL:	0.00	Enclosure:	Closed	Lu: NA	Cs: NA		VERT(CL): 0.132 C 999 180	B	768 /- /- /498 /- /255
BCDL:	10.00	Risk Category:	II	Snow Duration: NA			HORZ(LL): 0.069 H - -	G	650 /- /- /478 /106 /-
Des Ld:	40.00	EXP: C	Kzt: NA	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE			HORZ(TL): 0.140 H - -	Wind reactions based on MWFRS	
NCBCLL:	10.00	Mean Height:	15.00 ft				Creep Factor: 2.0	B	Brg Wid = 5.5 Min Req = 1.5 (Truss)
Soffit:	2.00	TCDL:	5.0 psf				Max TC CSI: 0.437	G	Brg Wid = 3.5 Min Req = 1.5 (Truss)
Load Duration:	1.25	BCDL:	5.0 psf				Max BC CSI: 0.598	Bearings B & I are a rigid surface.	
Spacing:	24.0 "	MWFRS Parallel Dist:	h to 2h				Max Web CSI: 0.687	Members not listed have forces less than 375#	
		C&C Dist a:	3.00 ft				VIEW Ver: 23.02.01A.1204.18	Maximum Top Chord Forces Per Ply (lbs)	
		Loc. from endwall:	not in 9.00 ft					Chords	Tens.Comp.
		GCpi:	0.18					B - C	10 -955
		Wind Duration:	1.60					C - D	22 -853

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

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



COA #0278

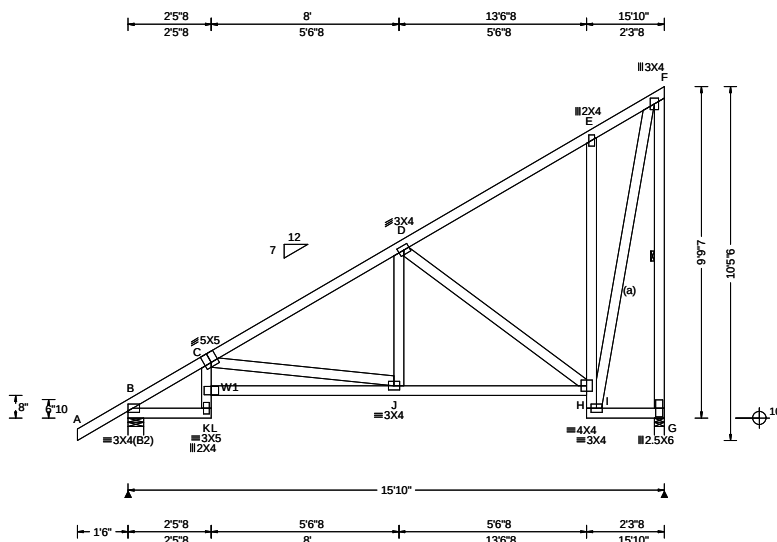
07/24/2024

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

SEQN: 34504 FROM:	MONO Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: G07	Cust: R 215 JRef: 1Y1S2150010 T143 DrwNo: 205.24.1507.39627 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.065 C 999 240 VERT(CL): 0.132 C 999 180 HORZ(LL): 0.069 H - - HORZ(TL): 0.140 H - - Creep Factor: 2.0 Max TC CSI: 0.437 Max BC CSI: 0.598 Max Web CSI: 0.584 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 768 -/- /498 -/- /255 G 650 -/- /478 /106 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 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 10 -955 C - D 22 -853

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - L	762 -341	J - I	664 -260
K - J	1263 -560		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - J	306 -598	H - F	709 -292
D - I	234 -612	F - G	280 -641
I - H	291 -659		



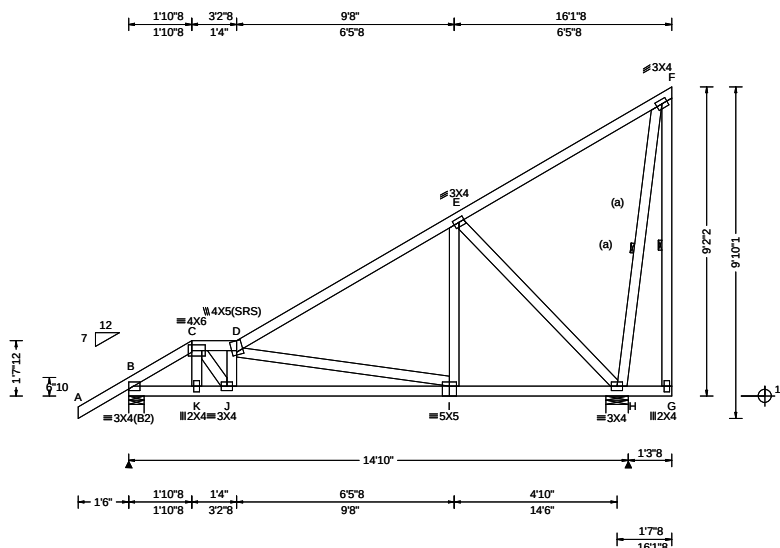
COA #0278

07/24/2024
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33735 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G09	Cust: R 215 JRef: 1Y1S2150010 T199 DrwNo: 205.24.1507.59127 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.031 D 999 240 VERT(CL): 0.064 D 999 180 HORZ(LL): -0.014 F - - HORZ(TL): 0.031 F - - Creep Factor: 2.0 Max TC CSI: 0.877 Max BC CSI: 0.458 Max Web CSI: 0.642 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 704 -/- /- /132 -/ H 736 -/- /- /121 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 8.0 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 116 -767 D - E 118 -595 C - D 139 -1033

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

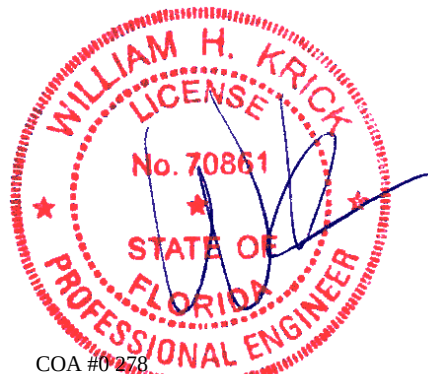
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 16.12
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 16.12
TC: -4 lb Conc. Load at 1.88
BC: -2 lb Conc. Load at 1.88

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.
Right cantilever is exposed to wind
Wind loading based on both gable and hip roof types.



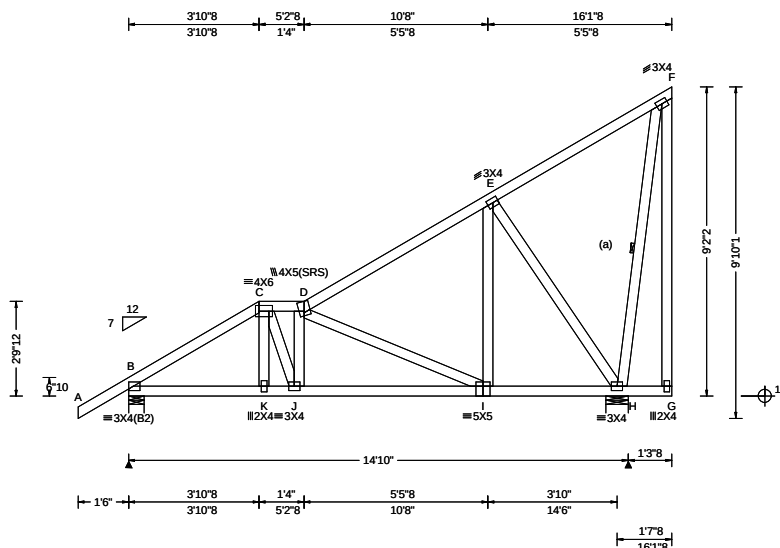
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33738 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G10	Cust: R 215 JRef: 1Y1S2150010 T85 DrwNo: 205.24.1508.02180 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.023 D 999 240 VERT(CL): 0.047 D 999 180 HORZ(LL): -0.011 F - - HORZ(TL): 0.024 F - - Creep Factor: 2.0 Max TC CSI: 0.527 Max BC CSI: 0.363 Max Web CSI: 0.574 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 709 /- /- /443 /- /238 H 737 /- /- /519 /136 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 8.0 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 57 -819 D - E 0 -462 C - D 77 -776

Lumber

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

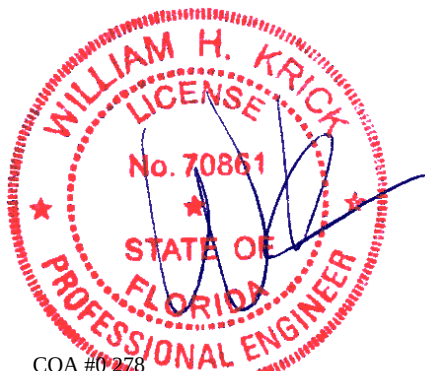
Wind

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

Right end vertical not exposed to wind pressure.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.



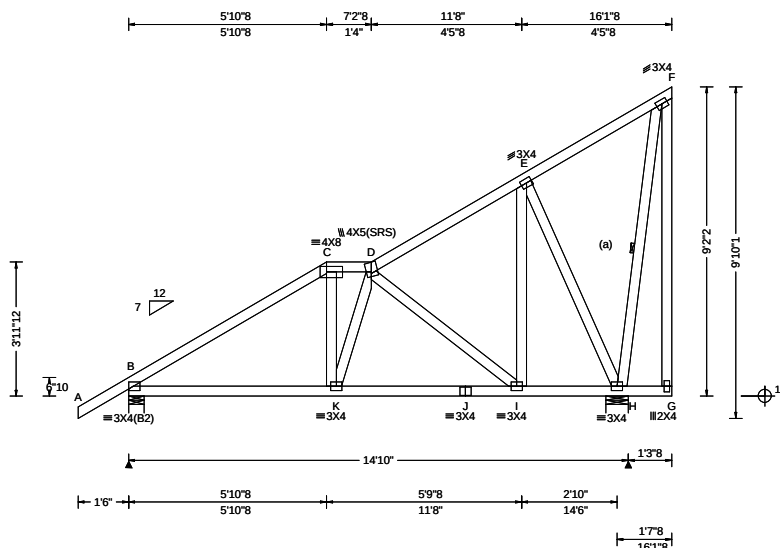
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33745 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G11	Cust: R 215 JRef: 1Y1S2150010 T200 DrwNo: 205.24.1508.06070 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.015 D 999 240 VERT(CL): 0.032 D 999 180 HORZ(LL): -0.007 F - - HORZ(TL): 0.016 F - - Creep Factor: 2.0 Max TC CSI: 0.363 Max BC CSI: 0.336 Max Web CSI: 0.563 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 709 /- /- /446 /- /238 H 737 /- /- /516 /138 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 8.0 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 36 -778 C - D 71 -593

Lumber

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

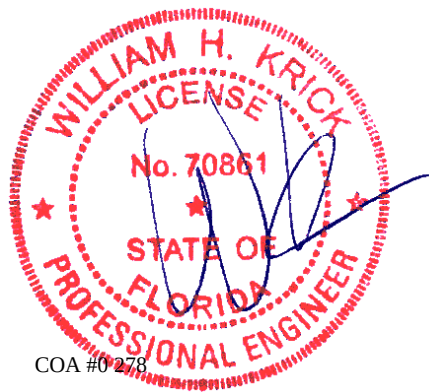
Wind

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

Right end vertical not exposed to wind pressure.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.



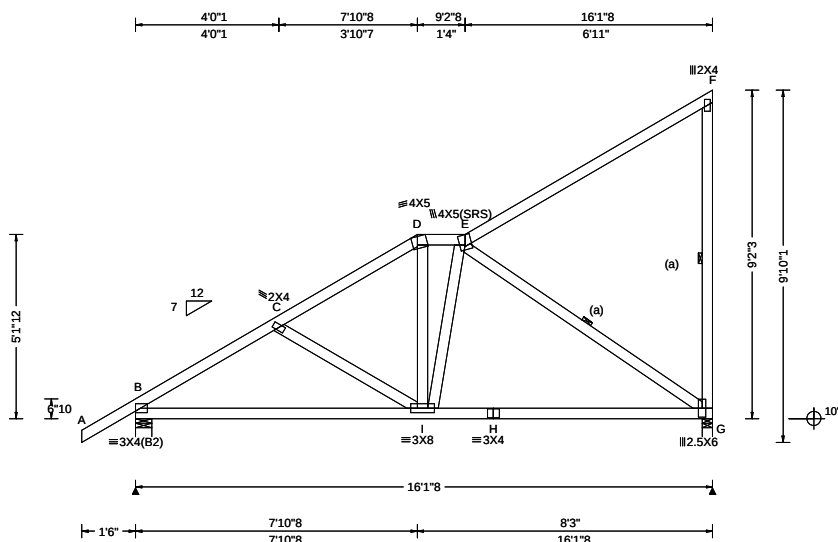
COA #0278

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

SEQN: 33749 FROM:	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G12	Cust: R 215 JRef: 1Y1S2150010 T132 DrwNo: 205.24.1508.11673 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.023 C 999 240 VERT(CL): 0.047 C 999 180 HORZ(LL): 0.010 G - - HORZ(TL): 0.020 G - - Creep Factor: 2.0 Max TC CSI: 0.678 Max BC CSI: 0.804 Max Web CSI: 0.276 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 780 /- /- /502 /- /238 G 662 /- /- /469 /103 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 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 113 -950 D - E 95 -584 C - D 63 -728

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

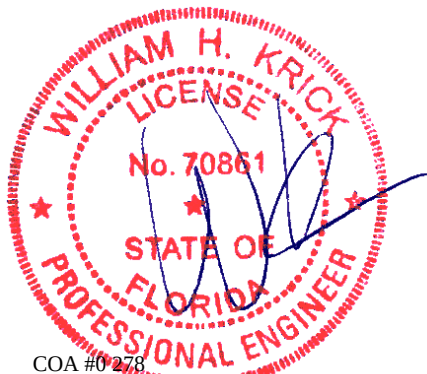
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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.



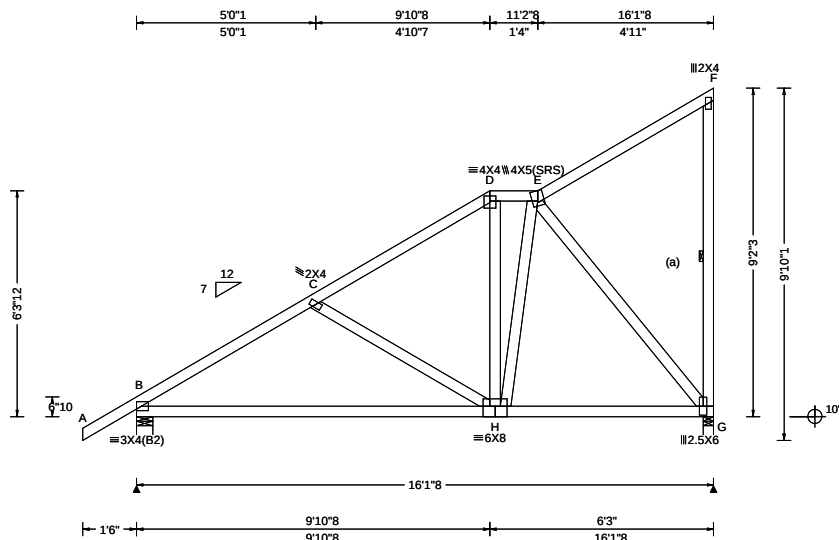
COA #0278

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

SEQN: 33752 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G13	Cust: R 215 JRef: 1Y1S2150010 T162 DrwNo: 205.24.1508.13643 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.018 C 999 240 VERT(CL): 0.036 C 999 180 HORZ(LL): -0.007 F - - HORZ(TL): 0.015 F - - Creep Factor: 2.0 Max TC CSI: 0.338 Max BC CSI: 0.818 Max Web CSI: 0.713 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 780 /- /- /504 /- /238 G 662 /- /- /466 /104 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 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 106 -906 D - E 82 -450 C - D 41 -602

Lumber

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



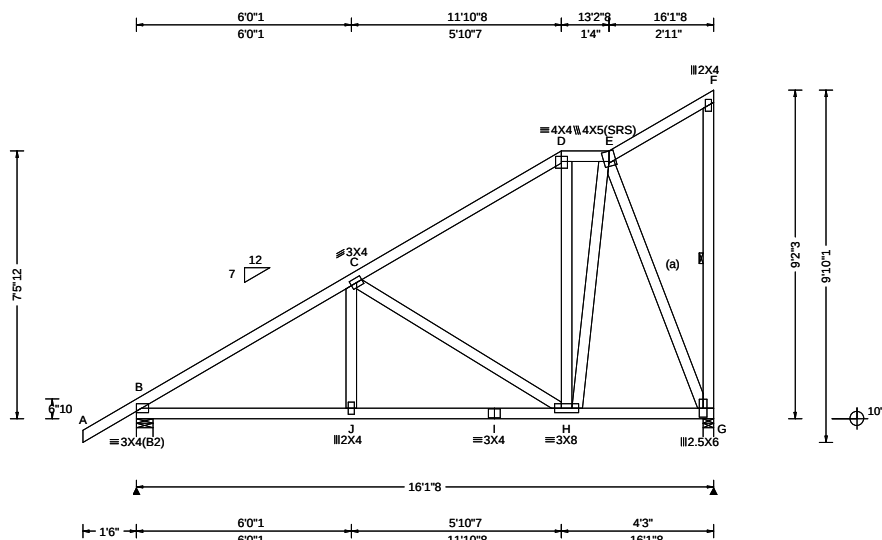
COA #0278

07/24/2024
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SEQN: 33757 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G14	Cust: R 215 JRef: 1Y1S2150010 T127 DrwNo: 205.24.1508.16110 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.022 J 999 240 VERT(CL): 0.045 J 999 180 HORZ(LL): 0.008 G - - HORZ(TL): 0.017 G - - Creep Factor: 2.0 Max TC CSI: 0.378 Max BC CSI: 0.350 Max Web CSI: 0.674 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 780 /- /- /507 /- /238 G 662 /- /- /464 /106 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 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 50 -922 C - D 29 -451

Lumber

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

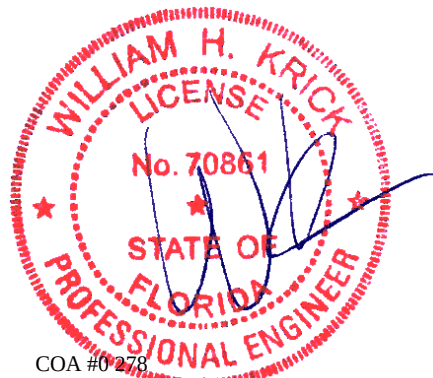
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	713 -311	I - H	711 -312
J - I	711 -312		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - H	195 -483	E - G	296 -598
H - E	468 -223		



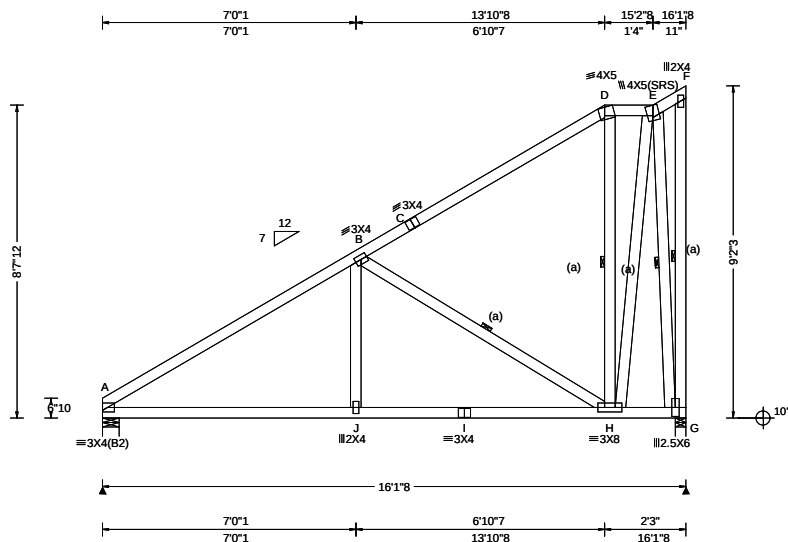
COA #0278

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

SEQN: 33761 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G15	Cust: R 215 JRef: 1Y1S2150010 T171 DrwNo: 205.24.1508.18270 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.019 J 999 240 VERT(CL): 0.039 J 999 180 HORZ(LL): 0.007 B - - HORZ(TL): 0.015 B - - Creep Factor: 2.0 Max TC CSI: 0.579 Max BC CSI: 0.476 Max Web CSI: 0.415 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 673 -/- /- /423 -/- /221 G 668 -/- /- /465 /108 -/- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings A & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. A - B 38 -906

Lumber

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

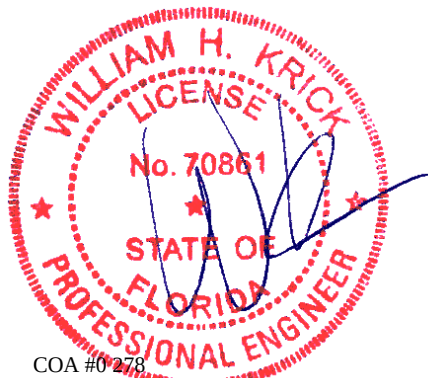
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - J	695 -278	I - H	692 -279
J - I	692 -279		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - H	244 -616	E - G	292 -641
H - E	685 -306		



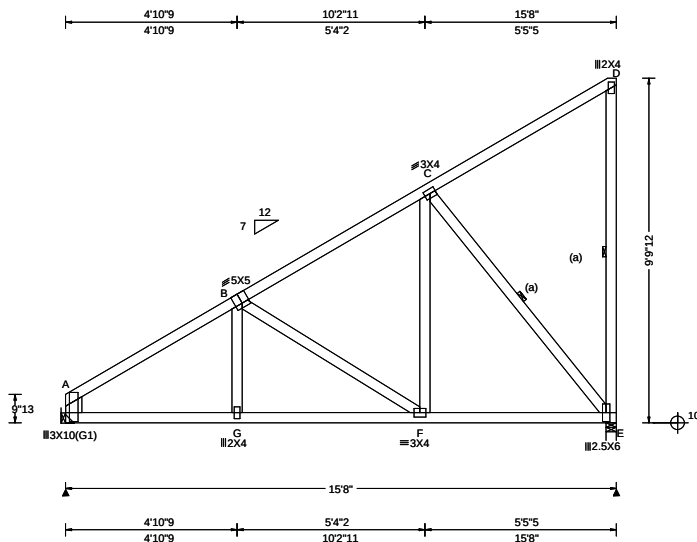
COA #0278

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

SEQN: 33600 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G16	Cust: R 215 JRef: 1Y1S2150010 T81 DrwNo: 205.24.1508.21600 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.024 G 999 240 VERT(CL): 0.050 G 999 180 HORZ(LL): -0.013 D - - HORZ(TL): 0.027 D - - Creep Factor: 2.0 Max TC CSI: 0.493 Max BC CSI: 0.504 Max Web CSI: 0.248 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL A 651 /- /- /403 /- /234 E 653 /- /- /473 /108 /- Wind reactions based on MWFRS A Brg Wid = - Min Req = - E Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing E 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 24 -873 B - C 0 -541

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

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

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

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

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

Bearing at location x=0' uses the following support conditions: 0'
Bearing A (0', 10') LUS26
Supporting Member: (1)2x6 SP 2400f-2.0E into supporting member, into supported member.

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

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
A - G 677 -315 F - E 392 -162
G - F 676 -316

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.
F - C 389 -38 C - E 255 -616



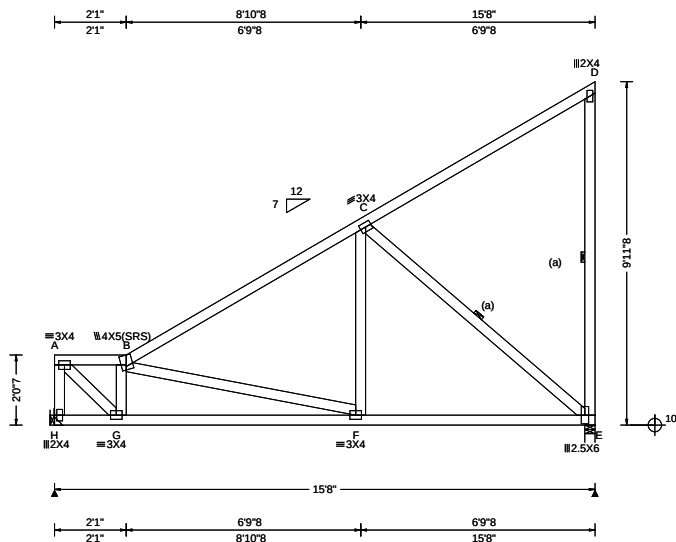
COA #0 278

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

SEQN: 33613 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G17	Cust: R 215 JRef: 1Y1S2150010 T118 DrwNo: 205.24.1508.22997 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.015 F 999 240 VERT(CL): 0.030 F 999 180 HORZ(LL): 0.007 A - - HORZ(TL): 0.015 A - - Creep Factor: 2.0 Max TC CSI: 0.840 Max BC CSI: 0.610 Max Web CSI: 0.356 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 651 /- /- /374 /- /207 E 651 /- /- /480 /113 /- Wind reactions based on MWFRS H Brg Wid = - Min Req = - E Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing E 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 107 -672 B - C 0 -693

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

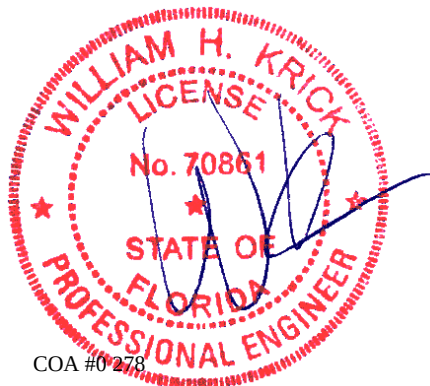
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



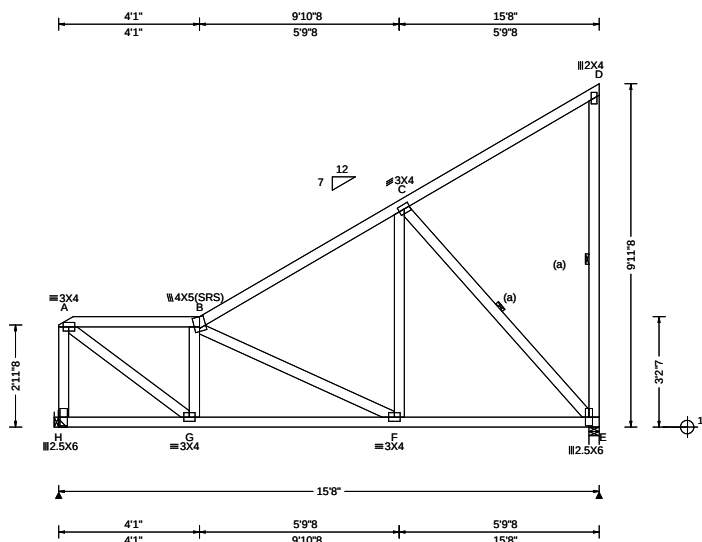
COA #0278

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

SEQN: 33615 FROM:	HIPS Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G18	Cust: R 215 JRef: 1Y1S2150010 T67 DrwNo: 205.24.1508.25643 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.58 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.016 B 999 240 VERT(CL): 0.034 B 999 180 HORZ(LL): -0.008 D - - HORZ(TL): 0.016 D - - Creep Factor: 2.0 Max TC CSI: 0.584 Max BC CSI: 0.442 Max Web CSI: 0.313 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL H 650 /- /- /343 /- /178 E 651 /- /- /472 /114 /- Wind reactions based on MWFRS H Brg Wid = - Min Req = - E Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing E 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 144 -681 B - C 12 -581

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

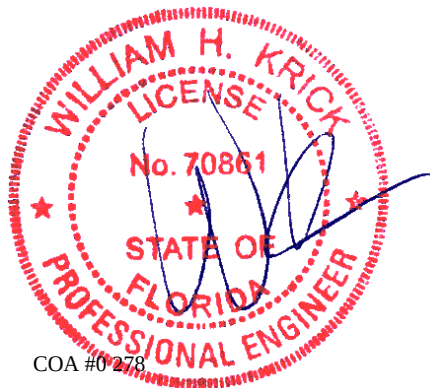
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



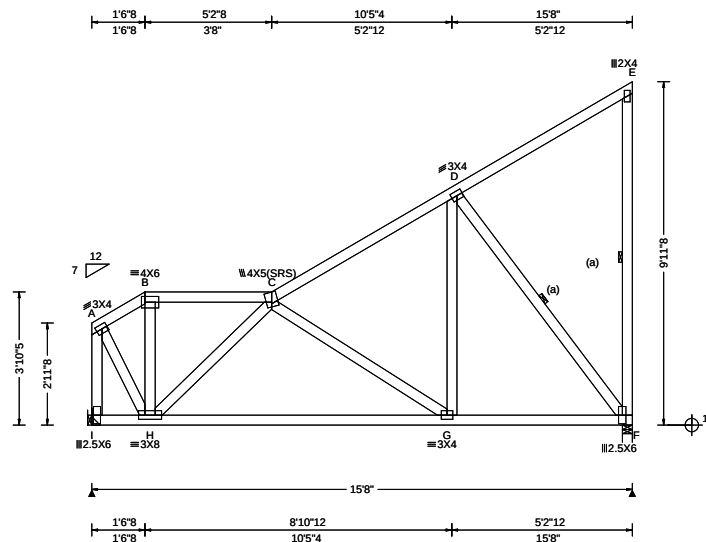
COA #0278

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Glenview, IL 60025

SEQN: 33619 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G19	Cust: R 215 JRef: 1Y1S2150010 T82 DrwNo: 205.24.1508.27623 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.46 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.013 C 999 240 VERT(CL): 0.026 C 999 180 HORZ(LL): -0.005 E - - HORZ(TL): 0.011 E - - Creep Factor: 2.0 Max TC CSI: 0.468 Max BC CSI: 0.225 Max Web CSI: 0.235 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 651 /- /- /361 /- /183 F 651 /- /- /468 /118 /- Wind reactions based on MWFRS I Brg Wid = - Min Req = - F Brg Wid = 3.5 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. C - D 22 -528

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

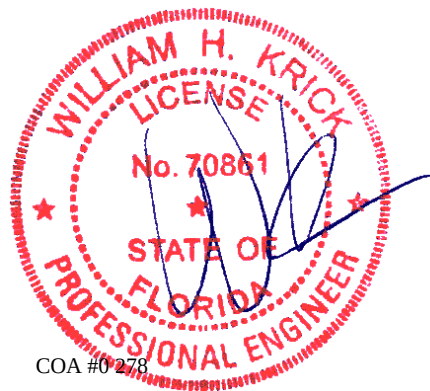
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



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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	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.32 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.016 B 999 240 VERT(CL): 0.033 B 999 180 HORZ(LL): -0.007 D - - HORZ(TL): 0.015 D - - Creep Factor: 2.0 Max TC CSI: 0.694 Max BC CSI: 0.518 Max Web CSI: 0.340 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ /R- /Rh /Rw /U /RL H 651 /- /- /361 /- /190 E 651 /- /- /476 /114 /- Non-Gravity Wind reactions based on MWFRS H Brg Wid = - Min Req = - E Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing E 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 130 - 692 B - C 4 - 629

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Lumber Top chord: 2x4 SP #2; T2 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	Maximum Bot Chord Forces Per Ply (lbs) <table><tr><th>Chords</th><th>Tens.Comp.</th><th>Chords</th><th>Tens. Comp.</th></tr><tr><td>H - G</td><td>722 - 459</td><td>G - F</td><td>553 - 238</td></tr></table>	Chords	Tens.Comp.	Chords	Tens. Comp.	H - G	722 - 459	G - F	553 - 238				
Chords	Tens.Comp.	Chords	Tens. Comp.										
H - G	722 - 459	G - F	553 - 238										
Bracing (a) Continuous lateral restraint equally spaced on member.	Maximum Web Forces Per Ply (lbs) <table><tr><th>Webs</th><th>Tens.Comp.</th><th>Webs</th><th>Tens. Comp.</th></tr><tr><td>A - I</td><td>59 - 687</td><td>H - B</td><td>192 - 660</td></tr><tr><td>A - H</td><td>947 - 123</td><td>C - F</td><td>300 - 697</td></tr></table>	Webs	Tens.Comp.	Webs	Tens. Comp.	A - I	59 - 687	H - B	192 - 660	A - H	947 - 123	C - F	300 - 697
Webs	Tens.Comp.	Webs	Tens. Comp.										
A - I	59 - 687	H - B	192 - 660										
A - H	947 - 123	C - F	300 - 697										
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.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

COA #0278

07/24/2024

Florida State of Product Approval #EL 1999

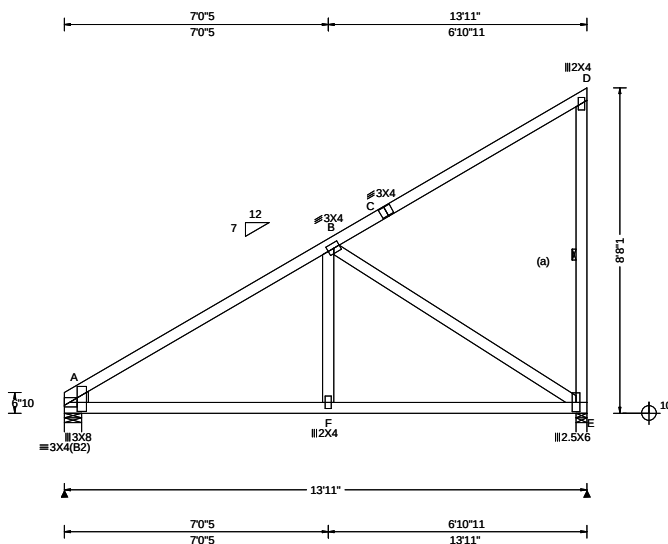


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155 Harlem Ave
 North Building, 4th Floor
 Glenview, IL 60025

SEQN: 33635 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G22	Cust: R 215 JRef: 1Y1S2150010 T129 DrwNo: 205.24.1508.32397 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.012 A 999 240 VERT(CL): 0.026 A 999 180 HORZ(LL): 0.009 A - - HORZ(TL): 0.018 A - - Creep Factor: 2.0 Max TC CSI: 0.850 Max BC CSI: 0.621 Max Web CSI: 0.808 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 581 /- /- /361 /- /209 E 576 /- /- /424 /94 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 3.5 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. A - B 7 - 734

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

Right end vertical not exposed to wind pressure.

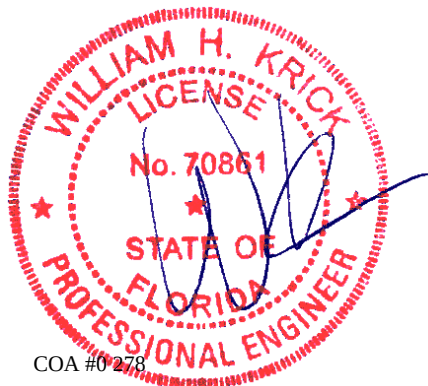
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - F	559 - 261	F - E	556 - 262

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
B - E	311 - 661



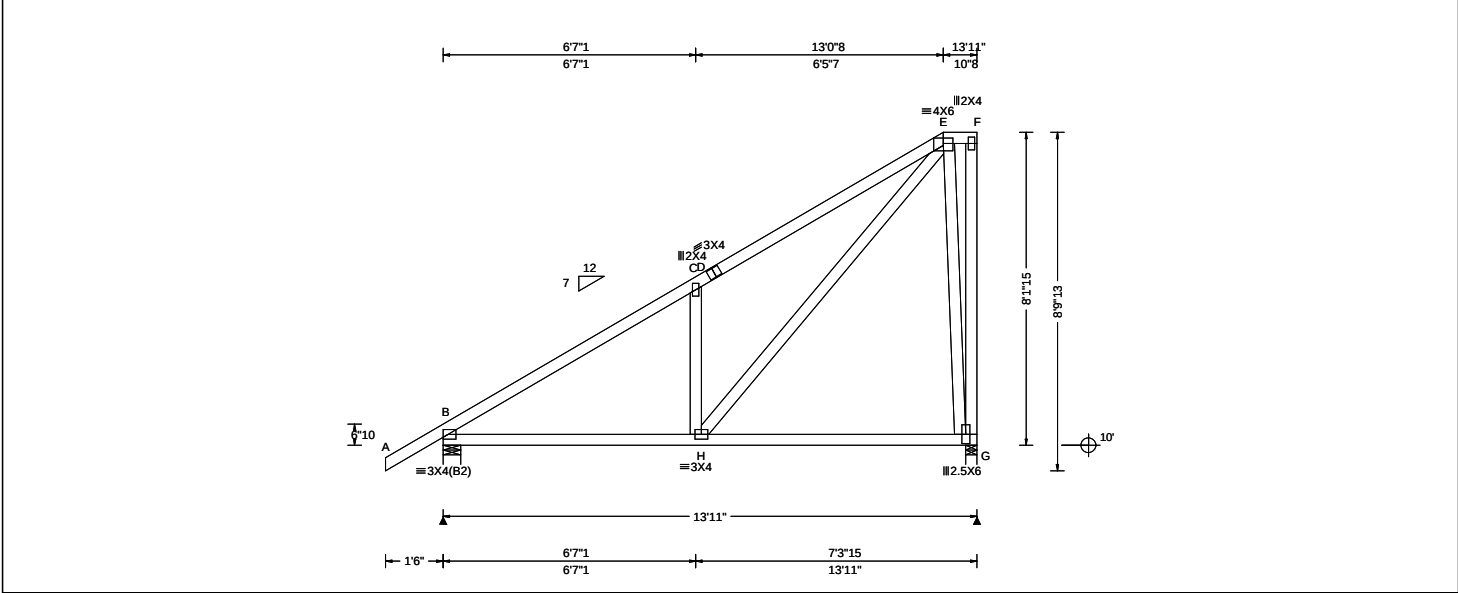
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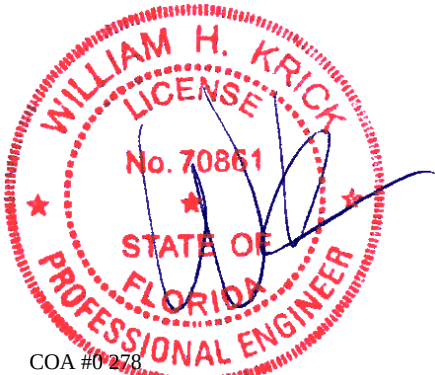
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33639 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G23	Cust: R 215 JRef: 1Y1S2150010 T149 DrwNo: 205.24.1508.35113 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.023 C 999 240 VERT(CL): 0.046 C 999 180 HORZ(LL): 0.008 C - - HORZ(TL): 0.017 C - - Creep Factor: 2.0 Max TC CSI: 0.578 Max BC CSI: 0.528 Max Web CSI: 0.681 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 689 /- /- /452 /- /213 G 570 /- /- /402 /95 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 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 27 -752 D - E 225 -736 C - D 191 -754

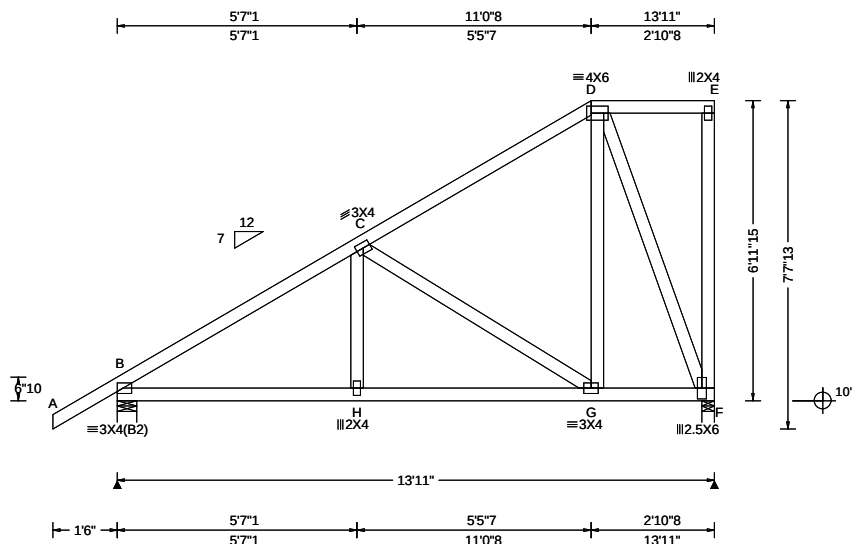
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc. Wind Wind loads based on MWFRS with additional C&C member design. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. B - H 567 -266 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - H 351 -453 E - G 295 -488 H - E 780 -344
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07/24/2024
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SEQN: 33641 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G24	Cust: R 215 JRef: 1Y1S2150010 T148 DrwNo: 205.24.1508.37183 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.017 H 999 240 VERT(CL): 0.035 H 999 180 HORZ(LL): 0.006 F - - HORZ(TL): 0.013 F - - Creep Factor: 2.0 Max TC CSI: 0.378 Max BC CSI: 0.297 Max Web CSI: 0.493 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 689 /- /- /456 /3 /183 F 570 /- /- /367 /98 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 3.5 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. B - C 108 -773

Lumber

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

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

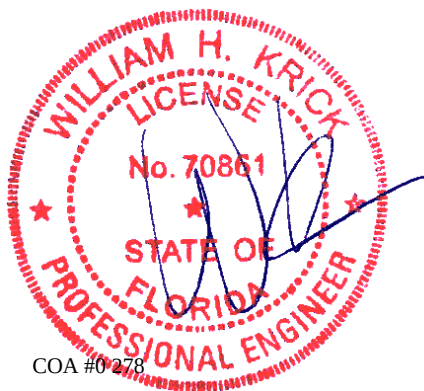
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - H	592 -295	H - G	590 -296

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - G	230 -467	D - F	276 -505
D - G	378 -81		



COA #0278

07/24/2024

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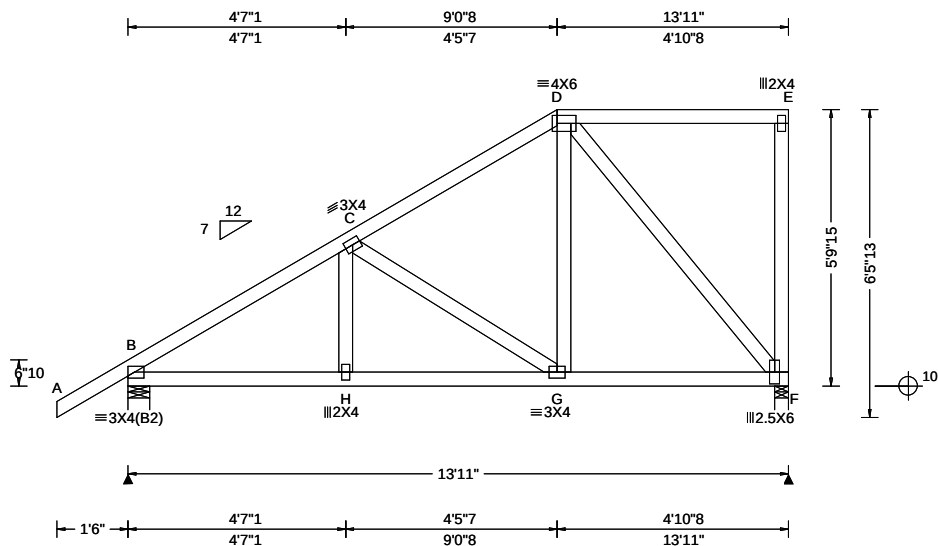
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33643 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G25	Cust: R 215 JRef: 1Y1S2150010 T126 DrwNo: 205.24.1508.38827 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.018 H 999 240 VERT(CL): 0.036 H 999 180 HORZ(LL): 0.007 F - - HORZ(TL): 0.014 F - - Creep Factor: 2.0 Max TC CSI: 0.474 Max BC CSI: 0.301 Max Web CSI: 0.488 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 689 /- /- /454 /23 /152 F 570 /- /- /338 /101 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 3.5 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 204 -792 C - D 187 -468

Lumber

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

Purlins

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

Wind

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - H	616 -345	H - G	614 -346

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
D - F	312 -503



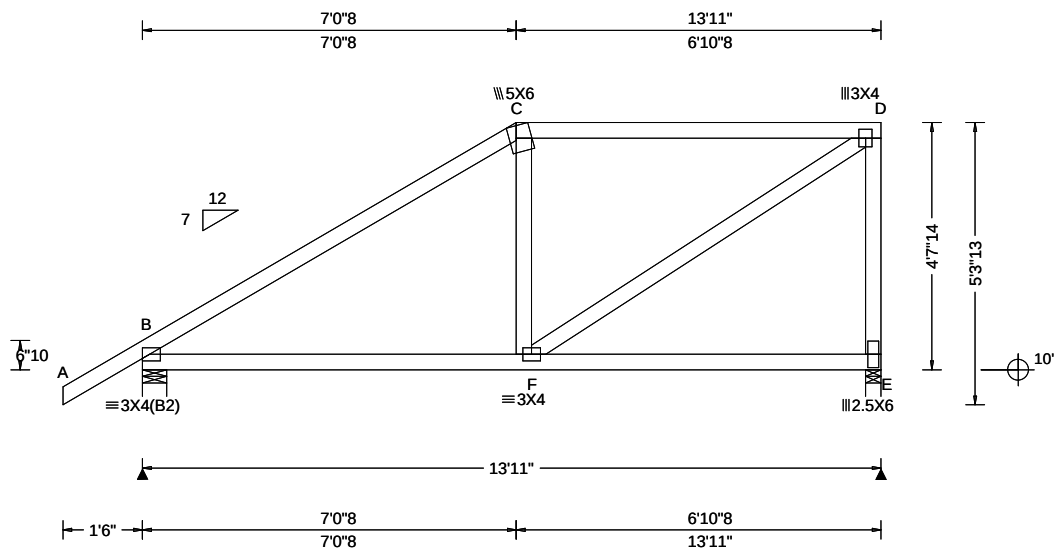
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 33646 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G26	Cust: R 215 JRef: 1Y1S2150010 T27 DrwNo: 205.24.1508.40630 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.012 C 999 240 VERT(CL): 0.025 C 999 180 HORZ(LL): 0.004 C - - HORZ(TL): 0.008 C - - Creep Factor: 2.0 Max TC CSI: 0.727 Max BC CSI: 0.525 Max Web CSI: 0.497 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 689 /- /- /447 /43 /122 E 570 /- /- /315 /104 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings B & 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. B - C 332 -720 C - D 356 -520

Lumber

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

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

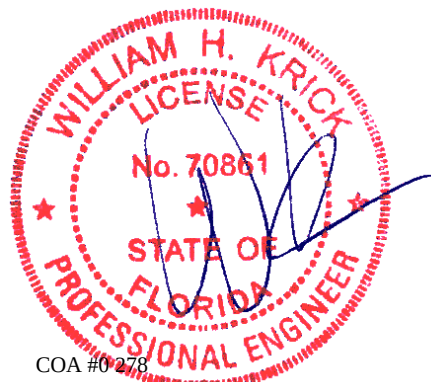
Chords Tens.Comp.

B - F 531 -377

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. Webs Tens. Comp.

F - D 623 -426 D - E 481 -519



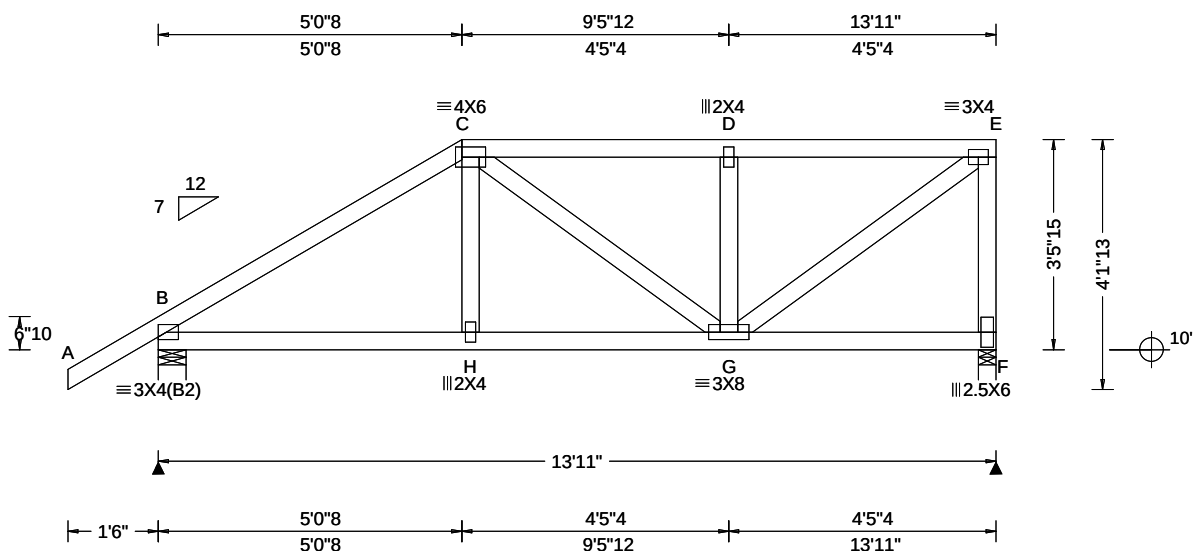
COA #0278

Florida Certificate of Product Approval #FL 1999

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

SEQN: 33648 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G27	Cust: R 215 JRef: 1Y1S2150010 T137 DrwNo: 205.24.1508.43650 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.016 H 999 240 VERT(CL): 0.033 H 999 180 HORZ(LL): 0.005 F - - HORZ(TL): 0.011 F - - Creep Factor: 2.0 Max TC CSI: 0.327 Max BC CSI: 0.266 Max Web CSI: 0.319 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 689 /- /- /433 /64 /92 F 570 /- /- /297 /105 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 3.5 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 461 -770 D - E 494 -582 C - D 494 -583

Lumber

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

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

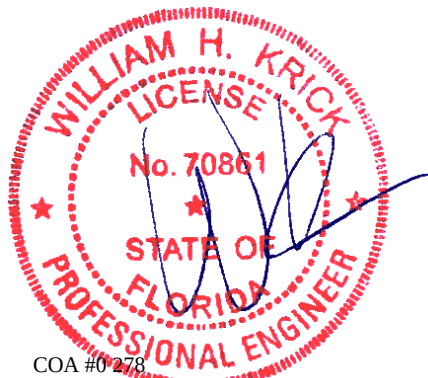
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - H	588 -454	H - G	592 -451

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
G - E	710 -602	E - F	505 -531
D - G	433 -312		



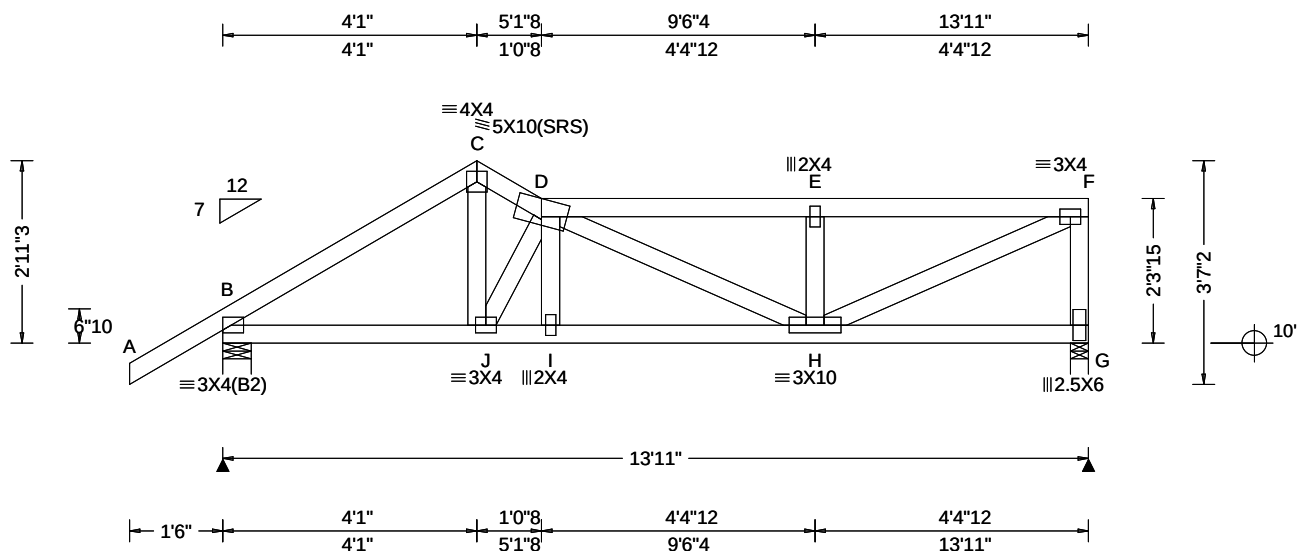
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 33650 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G28	Cust: R 215 JRef: 1Y1S2150010 T136 DrwNo: 205.24.1508.45577 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.029 I 999 240 VERT(CL): 0.059 I 999 180 HORZ(LL): 0.009 C - - HORZ(TL): 0.019 C - - Creep Factor: 2.0 Max TC CSI: 0.311 Max BC CSI: 0.347 Max Web CSI: 0.377 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 689 /- /- /417 /57 /77 G 570 /- /- /289 /96 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 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 470 -784 D - E 742 -909 C - D 539 -760 E - F 741 -908

Lumber

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

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

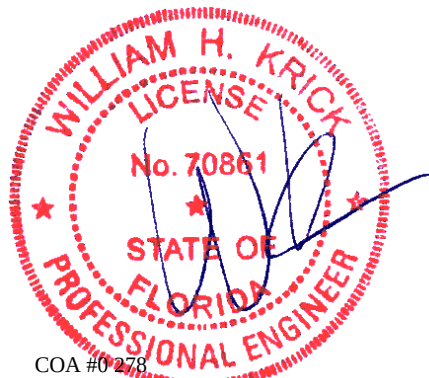
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	607 -417	I - H	913 -664
J - I	908 -663		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - J	606 -433	H - F	989 -807
J - D	557 -660	F - G	491 -530
E - H	430 -319		



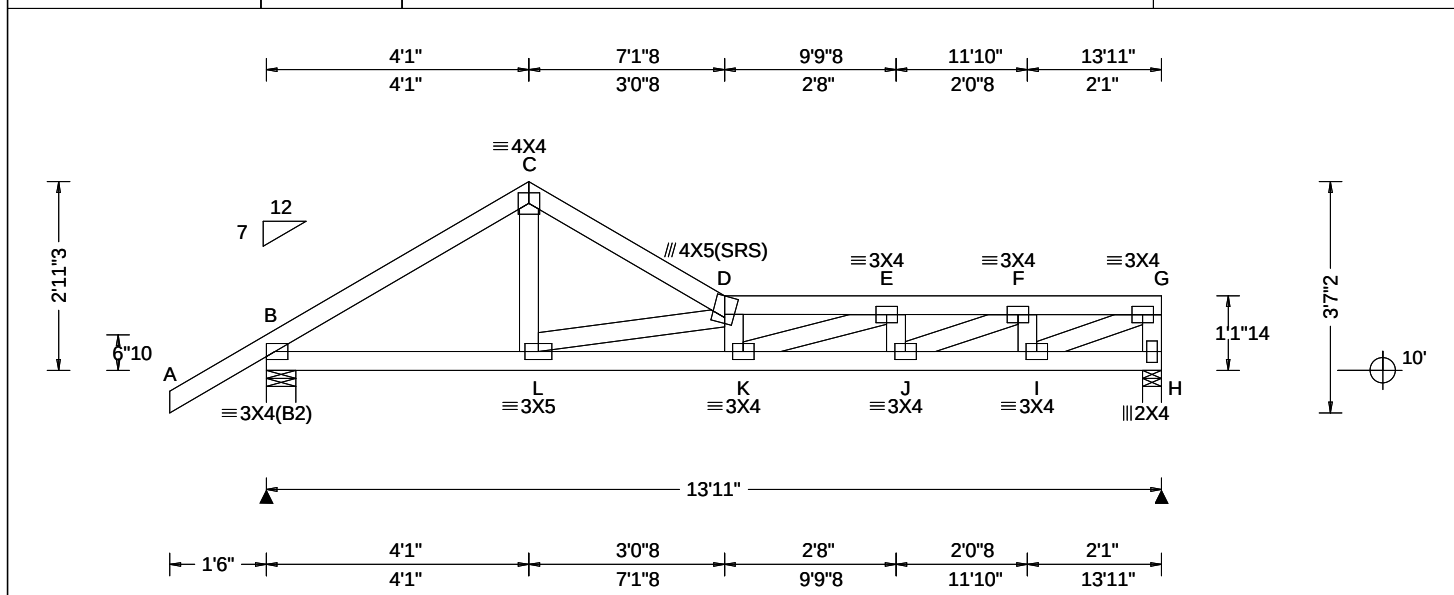
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 104721 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G29	Cust: R 215 JRef: 1Y1S2150010 T98 DrwNo: 205.24.1508.48650 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.077 D 999 240 VERT(CL): 0.142 D 999 180 HORZ(LL): 0.024 C - - HORZ(TL): 0.048 C - - Creep Factor: 2.0 Max TC CSI: 0.340 Max BC CSI: 0.552 Max Web CSI: 0.335 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 643 -/- /- /149 -/ H 435 -/- /- /141 -/ Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 166 -717 E - F 451 -1394 C - D 157 -705 F - G 278 -808 D - E 464 -1800

Lumber

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

Special Loads

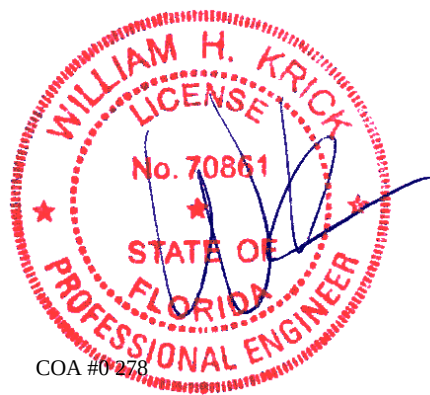
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 7.13
TC: From 32 plf at 7.13 to 32 plf at 13.92
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 8.23
BC: From 10 plf at 8.23 to 10 plf at 13.92
TC: 30 lb Conc. Load at 8.23
TC: -17 lb Conc. Load at 9.85,11.90
BC: 19 lb Conc. Load at 8.23
BC: 13 lb Conc. Load at 9.85,11.90

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.



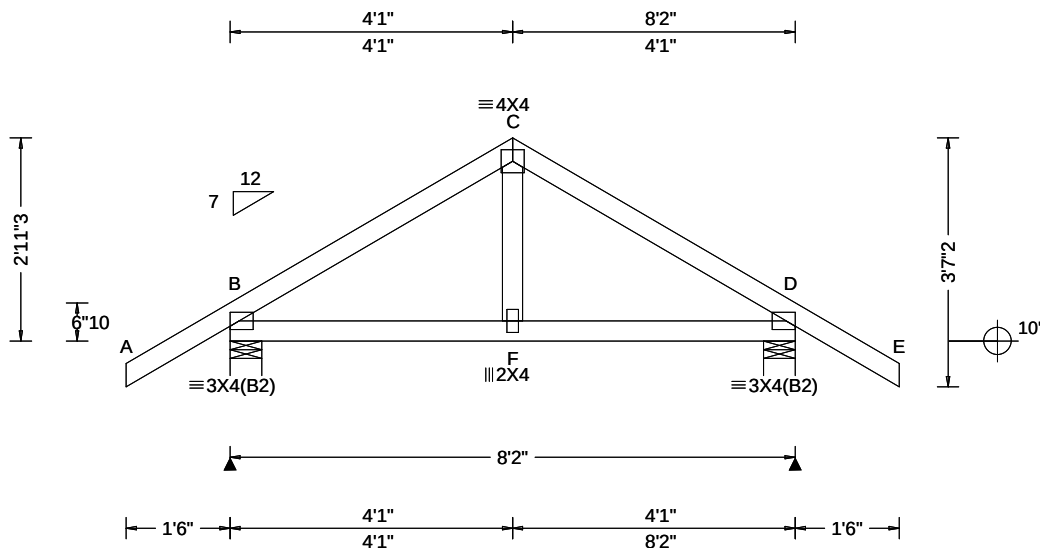
COA #0278

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

SEQN: 47774 / FROM:	COMN Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: G30	Cust: R 215 JRef:1Y1S2150010 T62 / DrwNo: 205.24.1159.11852 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.006 F 999 240 VERT(CL): 0.011 F 999 180 HORZ(LL): 0.003 D - - HORZ(TL): 0.006 D - - Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.146 Max Web CSI: 0.063 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 441 /- /- /285 /15 /105 D 441 /- /- /285 /15 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & D are a rigid surface. Members not listed have forces less than 375#

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.



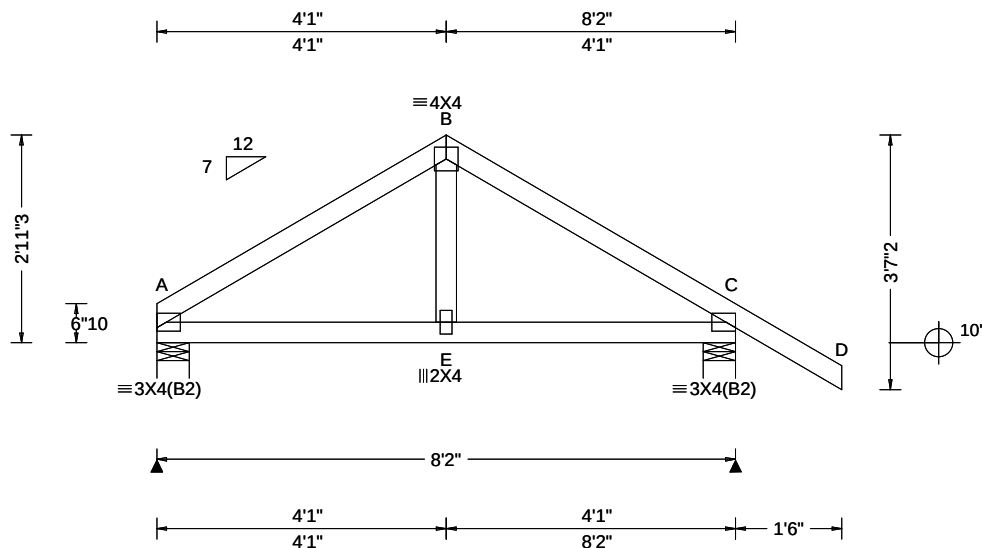
COA #0278

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

SEQN: 46181 / FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G31	Cust: R 215 JRef: 1Y1S2150010 T153 DrwNo: 205.24.1159.11554 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.005 E 999 240 VERT(CL): 0.010 E 999 180 HORZ(LL): 0.003 C - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.218 Max BC CSI: 0.152 Max Web CSI: 0.064 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 329 /- /- /193 /2 /89 C 452 /- /- /285 /16 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings A & C 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 198 -377 B - C 197 -384

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.



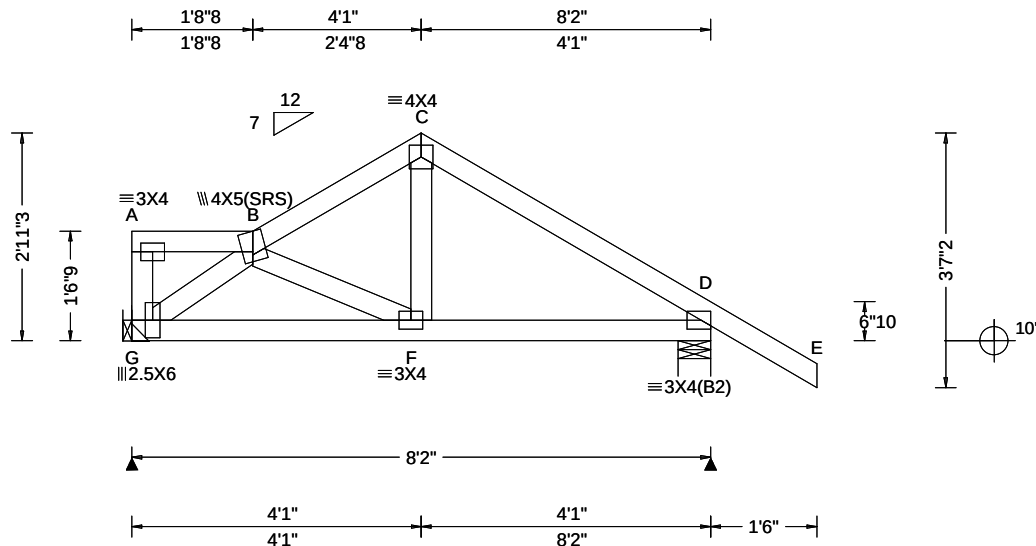
COA #0278

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SEQN: 46179 / FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G32	Cust: R 215 JRef:1Y1S2150010 T73 / DrwNo: 205.24.1159.11727 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.005 F 999 240 VERT(CL): 0.010 F 999 180 HORZ(LL): 0.003 D - - HORZ(TL): 0.006 D - - Creep Factor: 2.0 Max TC CSI: 0.223 Max BC CSI: 0.172 Max Web CSI: 0.092 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 326 /- /- /171 /20 /77 D 454 /- /- /289 /15 /- Wind reactions based on MWFRS G Brg Wid = - Min Req = - D Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearing D is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. C - D 208 -382

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.



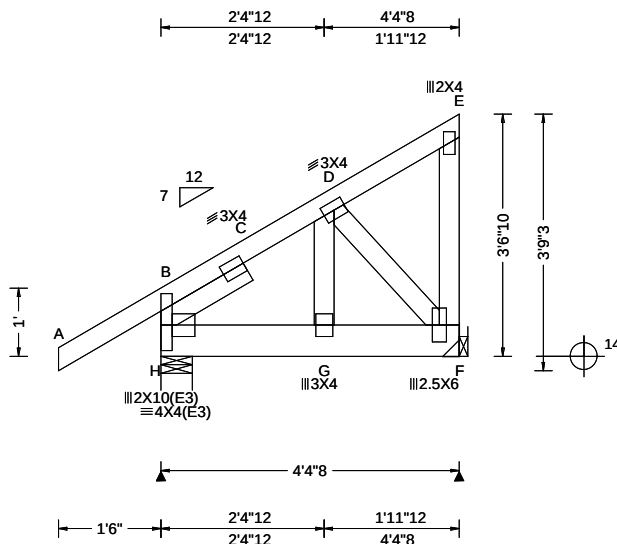
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SEQN: 34491 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G33	Cust: R 215 JRef: 1Y1S2150010 T107 DrwNo: 205.24.1508.50390 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.84 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.004 G 999 240 VERT(CL): 0.008 G 999 180 HORZ(LL): -0.003 E - - HORZ(TL): 0.005 E - - Creep Factor: 2.0 Max TC CSI: 0.235 Max BC CSI: 0.066 Max Web CSI: 0.216 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL H 597 /- /- /- /130 /- F 523 /- /- /- /91 /- Non-Gravity Wind reactions based on MWFRS H Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing H is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 104 -537 C - D 87 -494

Lumber

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

Special Loads

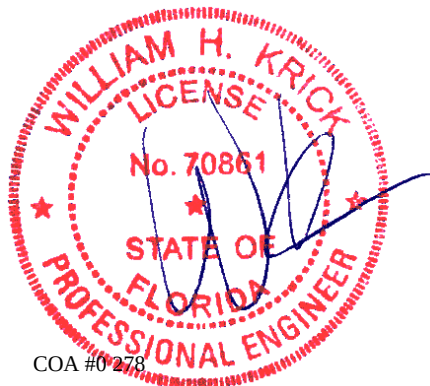
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 4.38
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 4.38
BC: 654 lb Conc. Load at 2.40

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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



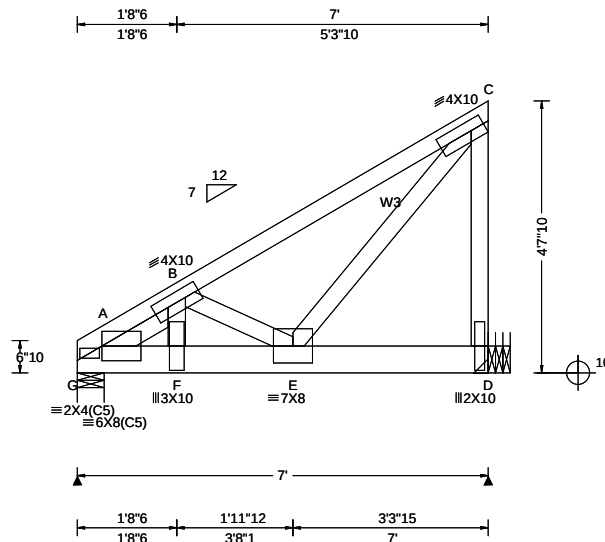
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46889 / FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: G34	Cust: R 215 JRef:1Y1S2150010 T26 / DrwNo: 205.24.1159.13107 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.040 E 999 240 VERT(CL): 0.080 E 999 180 HORZ(LL): -0.016 C - - HORZ(TL): 0.031 C - - Creep Factor: 2.0 Max TC CSI: 0.583 Max BC CSI: 0.444 Max Web CSI: 0.850 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity G 3473 /- /- /- /557 /- D 2481 /- /- /- /416 /- Wind reactions based on MWFRS G Brg Wid = 5.5 Min Req = 2.9 (Truss) D Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 779 - 4767 B - C 455 - 2727

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W3 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.309'

Special Loads

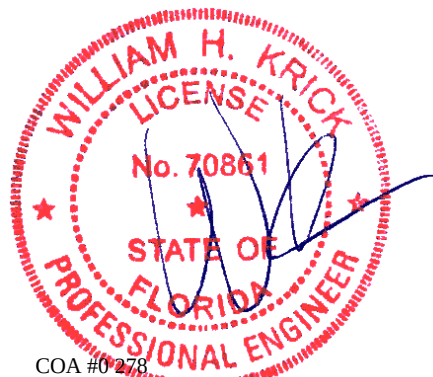
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 7.00
BC: From 10 plf at 0.00 to 10 plf at 7.00
BC: 3140 lb Conc. Load at 1.73
BC: 1261 lb Conc. Load at 3.73, 5.73

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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



COA #0 278

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Lumber	Plating Notes	C - D	0 - 9147	I - J	0 - 14471		
Top chord: 2x6 SP 2400f-2.0E;	All plates are 2X4 except as noted.	D - E	0 - 14266	J - K	0 - 14471		
Bot chord: 2x8 SP 2400f-2.0E;		E - F	0 - 14266	K - L	0 - 9085		
Webs: 2x4 SP #3; W1,W5,W21,		F - G	0 - 16136	L - M	0 - 9085		
W25 2x6 SP 2400f-2.0E; W2,W3,W4,W6,W20,W22,	Purlins	G - H	0 - 16136				
W24 2x4 SP M-31; W8,W18,W23 2x4 SP #2;	The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.						
Bracing	Wind	Maximum Bot Chord Forces Per Ply (lbs)					
(a) Continuous lateral restraint equally spaced on member.	Wind loads and reactions based on MWFRS.	Chords	Tens.Comp.	Chords	Tens. Comp.		
	End verticals not exposed to wind pressure.	AC-AB	5093	0	V - U	15737	0
		AB-AA	5093	0	U - T	15737	0
Nailnote	Deflection	AA - Z	12109	0	T - S	12236	0
Nail Schedule:0.131"x3", min. nails	Max JT VERT DEFL: LL: 0.36" DL: 0.36". See detail	Z - Y	12109	0	S - R	12236	0
Top Chord: 1 Row @12.00" o.c.	DEFLCAMB1014 for camber recommendations.	Y - X	12109	0	R - Q	12236	0
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)	Provide for adequate drainage of roof.	X - W	15579	0	Q - P	4936	0
Webs: 1 Row @ 12" o.c.		W - V	15579	0	P - O	4936	0

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

SEQN: 105818	FLAT	Ply: 2	Job Number: 24-1284	Cust: R 215 JRef: 1Y1S2150010 T17
FROM:		Qty: 1	Logan Jack	DrwNo: 205.24.1512.08650
Page 2 of 2			Truss Label: G35	AK / WHK 07/23/2024

Additional Notes

(***) 20 gage metal shim required between chord ends to distribute axial forces at joint. See DRWG RIGINSRT1014 for more information.

Truss must be installed as shown with top chord up.

Note: Truss not designed to be installed in reverse orientation. Truss must be installed as shown.

It is the responsibility of the building designer and truss fabricator to review this dwg prior to cutting lumber to verify that all data, including dimensions and loads, conform to the architectural plans, specifications and fabricator's truss layout.



COA #0278

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

2 Complete Trusses Required

3'2"9 6'3"7 9'4"4 12'5"1 15'5"15 18'6"12 21'7"9 24'8"7 27'9"4 30'10"1 33'10"15 37'1"8

3'2"9 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'2"9

≡6X8 A ≡8X8 B C ≡7X6 D ≡3X5 EF ≡3X8 G H ≡3X8 ≡3X6 I J K ≡7X6 L M ≡6X10 N ≡6X8 O

W2 W4 W22 W24

W1

AD ≡5X10 AC ≡3X4 AB ≡7X10 AA ≡3X4 Z ≡7X6 Y ≡3X4(**) X ≡4X8 W ≡4X8 V ≡3X4 U ≡7X6 T ≡H0510 S ≡7X10 R ≡7X10 Q ≡3X4 PAE ≡5X10

≡H0510

37'1"8

3'2"9 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'0"13 3'2"9

3'2"9 6'3"7 9'4"4 12'5"1 15'5"15 18'6"12 21'7"9 24'8"7 27'9"4 30'10"1 33'10"15 37'1"8

12"

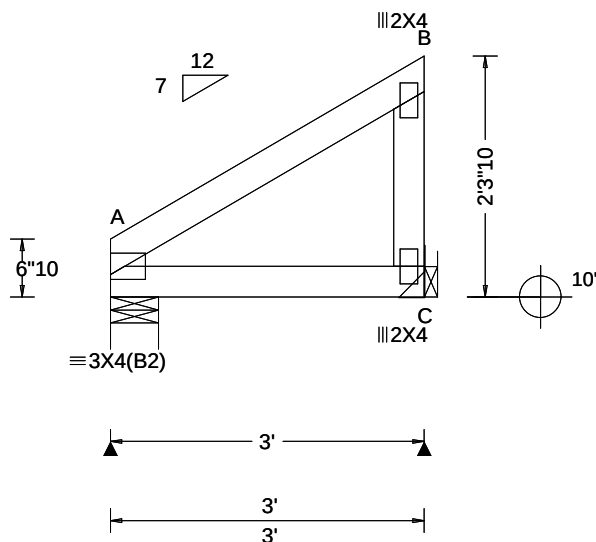
Lumber Top chord: 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W1,W25 2x4 SP M-31; W2,W4,W22, W24 2x4 SP #2;	Wind Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure.	C - D 1358 - 4688 I - J 2131 - 7067 D - E 2119 - 7128 J - K 2131 - 7067 E - F 2119 - 7128 K - L 2131 - 7067 F - G 2119 - 7128 L - M 1383 - 4565 G - H 2376 - 7923 M - N 1383 - 4565																																
Nailnote Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 5.25" o.c. Webs :1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting.	Deflection Max JT VERT DEFL: LL: 0.37" DL: 0.37". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.	Maximum Bot Chord Forces Per Ply (lbs) <table><tr><th>Chords</th><th>Tens.Comp.</th><th>Chords</th><th>Tens. Comp.</th></tr><tr><td>AD-AC</td><td>2662 - 745</td><td>W - V</td><td>7714 - 2320</td></tr><tr><td>AC-AB</td><td>2662 - 745</td><td>V - U</td><td>7714 - 2320</td></tr><tr><td>AB-AA</td><td>6119 - 1805</td><td>U - T</td><td>6025 - 1821</td></tr><tr><td>AA- Z</td><td>6119 - 1805</td><td>T - S</td><td>6025 - 1821</td></tr><tr><td>Z - Y</td><td>7746 - 2315</td><td>S - R</td><td>6025 - 1821</td></tr><tr><td>Y - X</td><td>7746 - 2315</td><td>R - Q</td><td>2584 - 786</td></tr><tr><td>X - W</td><td>7746 - 2315</td><td>Q - P</td><td>2584 - 786</td></tr></table>	Chords	Tens.Comp.	Chords	Tens. Comp.	AD-AC	2662 - 745	W - V	7714 - 2320	AC-AB	2662 - 745	V - U	7714 - 2320	AB-AA	6119 - 1805	U - T	6025 - 1821	AA- Z	6119 - 1805	T - S	6025 - 1821	Z - Y	7746 - 2315	S - R	6025 - 1821	Y - X	7746 - 2315	R - Q	2584 - 786	X - W	7746 - 2315	Q - P	2584 - 786
Chords	Tens.Comp.	Chords	Tens. Comp.																															
AD-AC	2662 - 745	W - V	7714 - 2320																															
AC-AB	2662 - 745	V - U	7714 - 2320																															
AB-AA	6119 - 1805	U - T	6025 - 1821																															
AA- Z	6119 - 1805	T - S	6025 - 1821																															
Z - Y	7746 - 2315	S - R	6025 - 1821																															
Y - X	7746 - 2315	R - Q	2584 - 786																															
X - W	7746 - 2315	Q - P	2584 - 786																															
Special Loads ----- (Lumber Dur Fac =1.25 / Plate Dur Fac =1.25)	Additional Notes Truss must be installed as shown with top chord up. Note: Truss not designed to be installed in reverse orientation. Truss must be installed as shown.																																	

It is the responsibility of the building designer and truss fabricator to review this dwg prior to cutting lumber to verify that all data, including dimensions and loads, conform to the architectural plans, specifications and fabricator's truss layout.

ALPINE
AN ITW COMPANY

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

SEQN: 46183 / FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: H01	Cust: R 215 JRef:1Y1S2150010 T156 DrwNo: 205.24.1159.10880 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: 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): 0.002 B - - HORZ(TL): 0.004 B - - Creep Factor: 2.0 Max TC CSI: 0.189 Max BC CSI: 0.585 Max Web CSI: 0.076 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 264 /- /- /- /30 /- C 312 /- /- /- /32 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = - Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 3.00
BC: From 20 plf at 0.00 to 20 plf at 3.00
BC: 326 lb Conc. Load at 1.77

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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



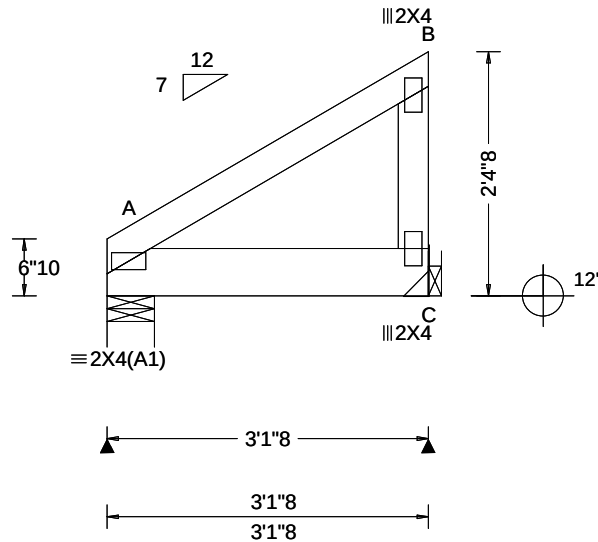
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33583 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: H02	Cust: R 215 JRef: 1Y1S2150010 T145 DrwNo: 205.24.1512.28690 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 A - - HORZ(TL): 0.004 A - - Creep Factor: 2.0 Max TC CSI: 0.161 Max BC CSI: 0.168 Max Web CSI: 0.031 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 496 /- /- /- /75 /- C 317 /- /- /- /49 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = - Min Req = - Bearing A 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 63 plf at 0.00 to 63 plf at 3.13
BC: From 20 plf at 0.00 to 20 plf at 3.13
BC: 553 lb Conc. Load at 1.19

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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



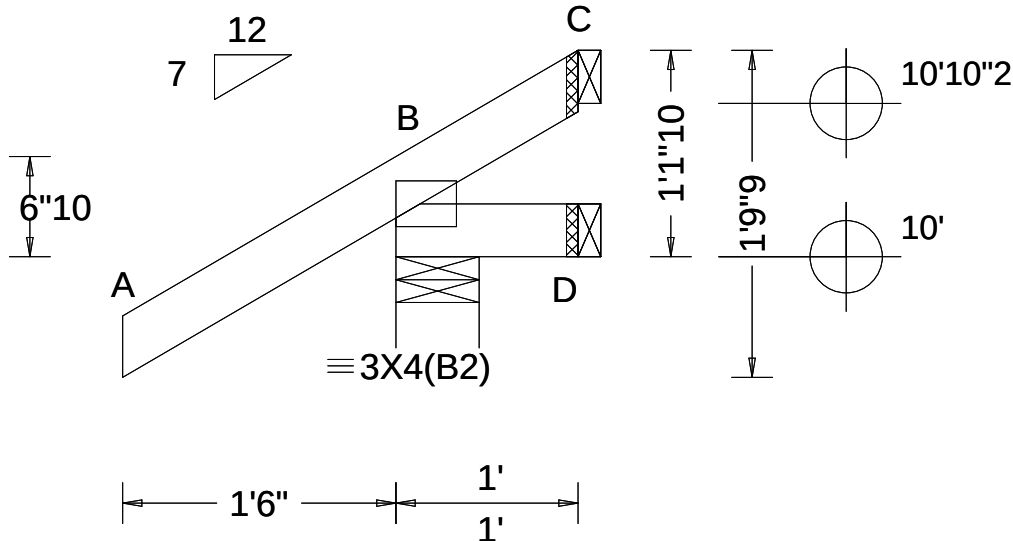
COA #0278

07/24/2024
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 47443 / FROM:	JACK Ply: 1 Qty: 22	Job Number: 24-1284 Logan Jack Truss Label: J01	Cust: R 215 JRef: 1Y1S2150010 T119 DrwNo: 205.24.1159.12714 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.033 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 235 /- /- /185 /52 /44 D 12 /-5 /- /12 /5 /- C - /-45 /- /31 /46 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

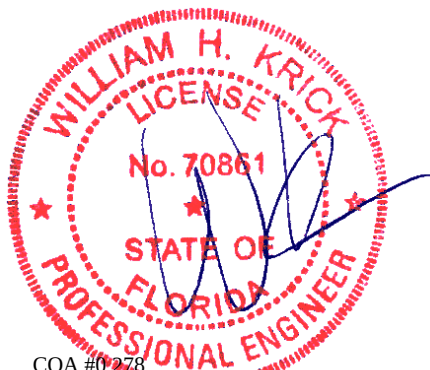
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



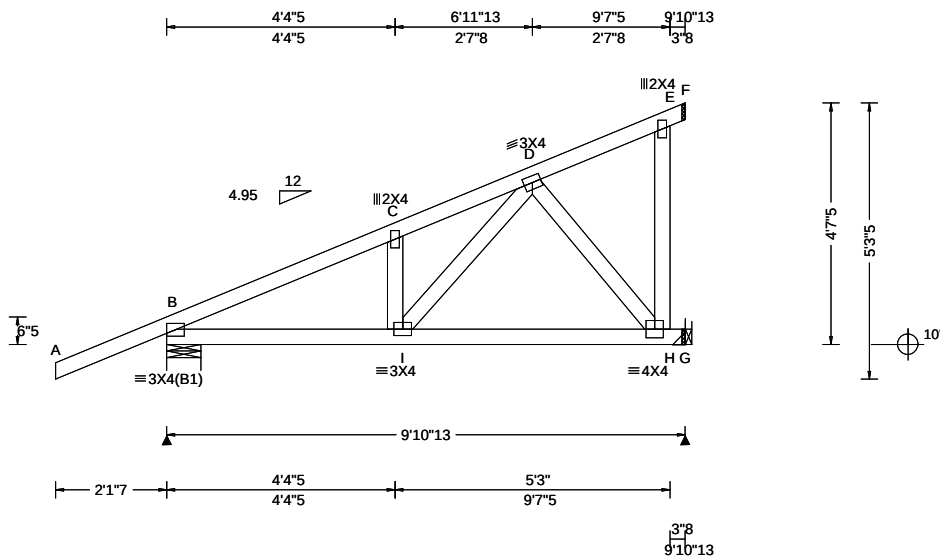
COA #0278

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

SEQN: 105820 FROM:	HIP_	Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J01HJ	Cust: R 215 JRef: 1Y1S2150010 T34 DrwNo: 205.24.1508.59093 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.020 C 999 240 VERT(CL): 0.040 C 999 180 HORZ(LL): 0.004 H - - HORZ(TL): 0.008 H - - Creep Factor: 2.0 Max TC CSI: 0.263 Max BC CSI: 0.258 Max Web CSI: 0.167 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 464 -/- /- /94 -/ G 629 -/- /- /103 -/ Non-Gravity Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 84 -611 C - D 78 -582

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

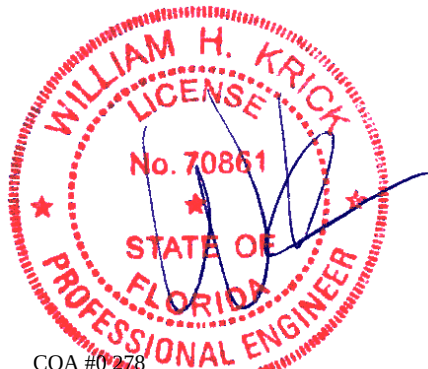
Loading

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.



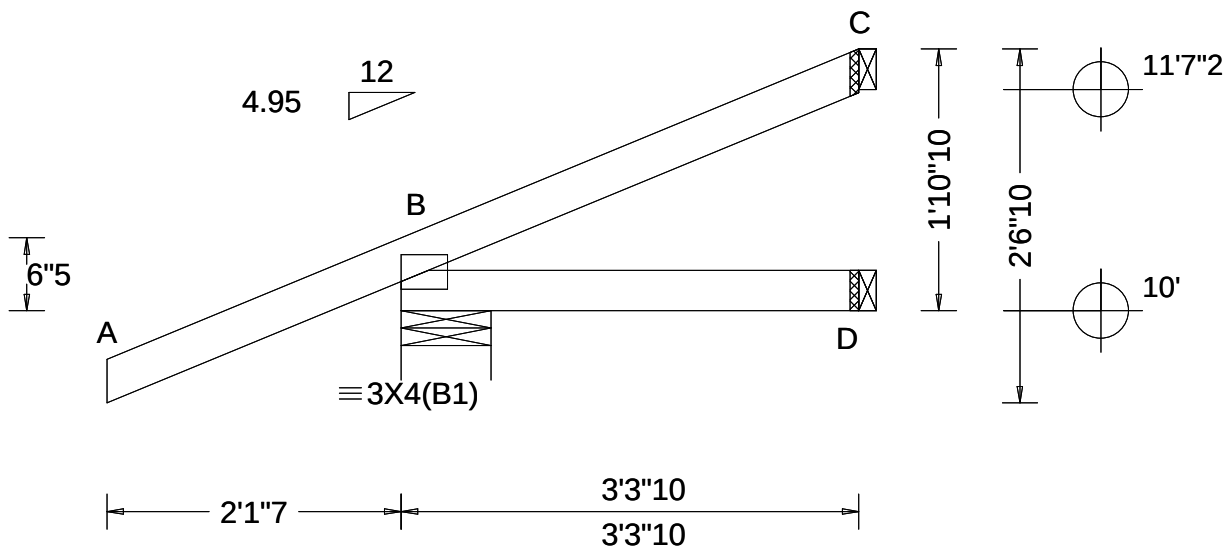
COA #0278

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SEQN: 47445 / FROM:	HIP_	Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J02HJ	Cust: R 215 JRef: 1Y1S2150010 T142 DrwNo: 205.24.1159.12026 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.002 B - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.328 Max BC CSI: 0.087 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 179 /- /- /- /47 /- D 4 /- /- /10 /- /- C 16 /- /- /- /8 /- Wind reactions based on MWFRS B Brg Wid = 7.8 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 2-4-0 setback jacks with no webs.

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



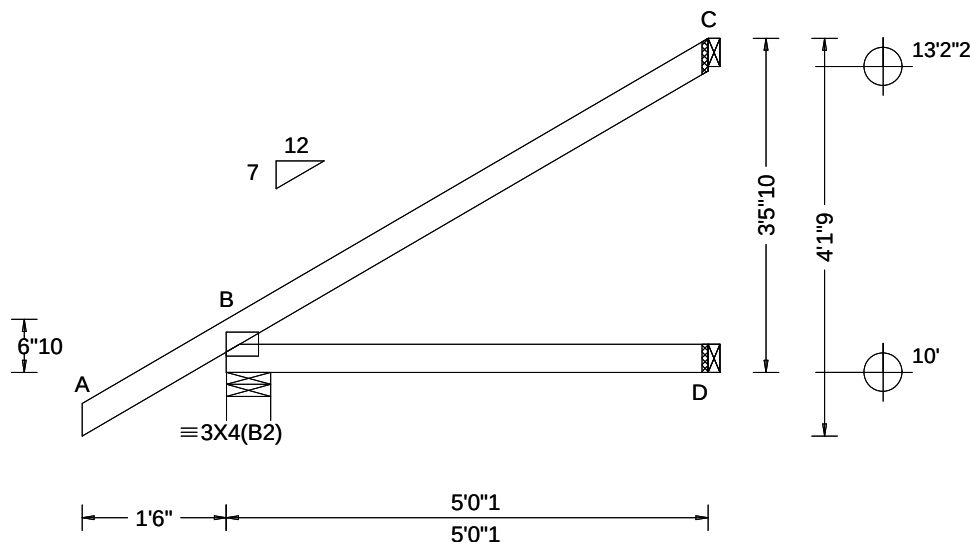
COA #0 278

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

SEQN: 46191 / FROM:	JACK Qty: 10	Ply: 1 Logan Jack Truss Label: J03	Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T135 DrwNo: 205.24.1159.14392 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.437 Max BC CSI: 0.231 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 340 /- /- /233 /28 /127 D 88 /- /- /48 /- /- C 135 /- /- /87 /81 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

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.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



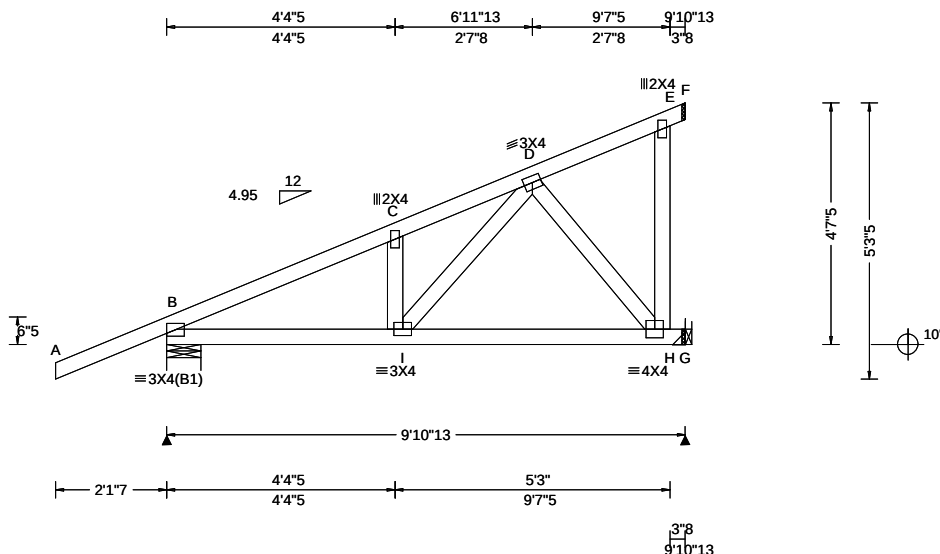
COA #0278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105822 FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J03HJ	Cust: R 215 JRef: 1Y1S2150010 T16 DrwNo: 205.24.1509.01757 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.020 C 999 240 VERT(CL): 0.040 C 999 180 HORZ(LL): 0.004 H - - HORZ(TL): 0.008 H - - Creep Factor: 2.0 Max TC CSI: 0.263 Max BC CSI: 0.258 Max Web CSI: 0.167 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL B 464 /- /- /- /94 /- G 629 /- /- /- /103 /- Non-Gravity Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 84 -611 C - D 78 -582

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

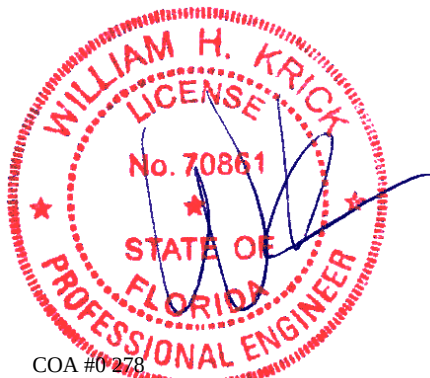
Loading

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.



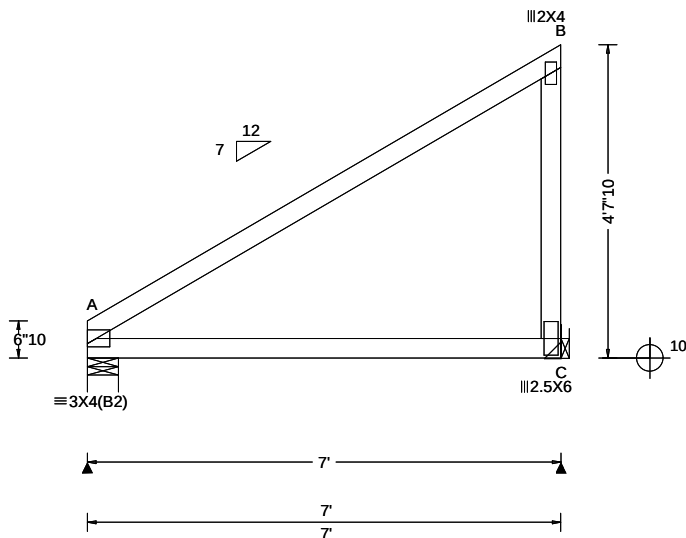
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46862 / FROM:	EJAC	Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J04	Cust: R 215 JRef: 1Y1S2150010 T117 DrwNo: 205.24.1159.13482 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 B - - HORZ(TL): 0.028 B - - Creep Factor: 2.0 Max TC CSI: 0.856 Max BC CSI: 0.566 Max Web CSI: 0.078 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 294 - / - /182 /1 /143 C 288 - / - /213 /94 - Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = - Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Hangers / Ties

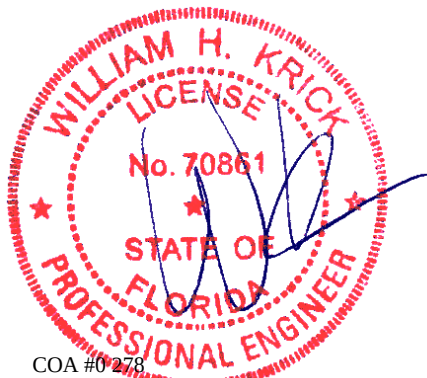
(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



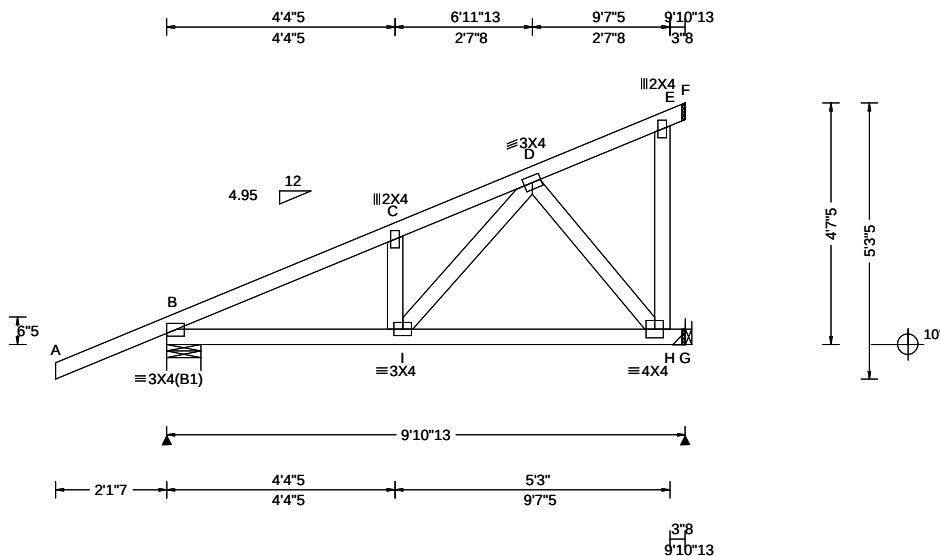
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Glenview, IL 60025

SEQN: 105824 FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J04HJ	Cust: R 215 JRef: 1Y1S2150010 T84 DrwNo: 205.24.1509.04130 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.020 C 999 240 VERT(CL): 0.040 C 999 180 HORZ(LL): 0.004 H - - HORZ(TL): 0.008 H - - Creep Factor: 2.0 Max TC CSI: 0.263 Max BC CSI: 0.258 Max Web CSI: 0.167 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 464 -/- /- /94 -/ G 629 -/- /- /103 -/ Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 84 -611 C - D 78 -582

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

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.



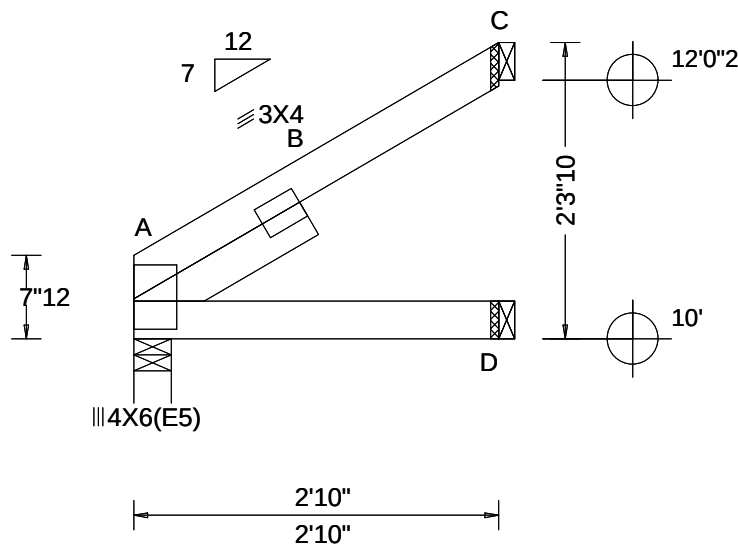
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Glenview, IL 60025

SEQN: 46199 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J05	Cust: R 215 JRef: 1Y1S2150010 T183 DrwNo: 205.24.1159.11570 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 B - - HORZ(TL): 0.010 B - - Creep Factor: 2.0 Max TC CSI: 0.169 Max BC CSI: 0.078 Max Web CSI: 0.092 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 118 /- /- /71 /- /57 D 54 /- /- /30 /- /- C 86 /- /- /58 /50 /- Wind reactions based on MWFRS A Brg Wid = 3.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

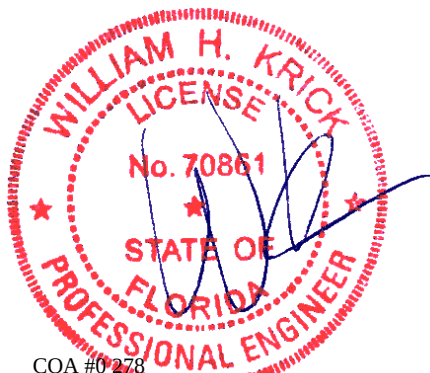
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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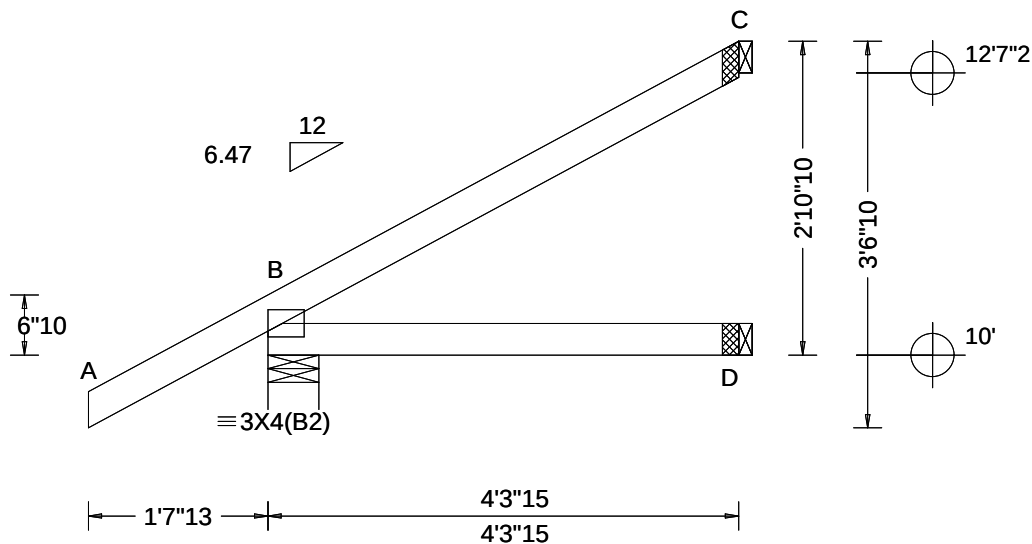
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SEQN: 46242 / FROM:	HIP_	Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J05HJ	Cust: R 215 JRef: 1Y1S2150010 T190 DrwNo: 205.24.1159.11857 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.172 Max BC CSI: 0.053 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 142 /- /- /- /30 /- D 26 /- /- /13 /- /- C 77 /- /- /- /27 /- Wind reactions based on MWFRS B Brg Wid = 5.6 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 3-0-12 setback jacks with no webs.

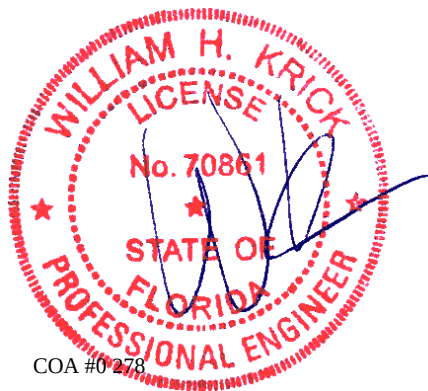
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



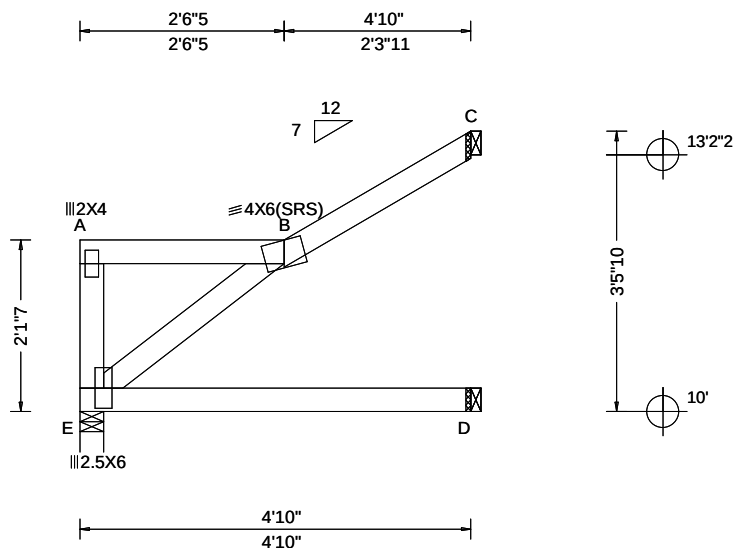
COA #0278

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

SEQN: 46197 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J06	Cust: R 215 JRef: 1Y1S2150010 T116 DrwNo: 205.24.1159.13576 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.065 B 888 240 VERT(CL): 0.136 B 427 180 HORZ(LL): 0.047 A - - HORZ(TL): 0.098 A - - Creep Factor: 2.0 Max TC CSI: 0.512 Max BC CSI: 0.261 Max Web CSI: 0.184 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 201 /- /- /137 /- /46 D 94 /- /- /63 /- /- C 148 /- /- /87 /75 /- Wind reactions based on MWFRS E Brg Wid = 3.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Purlins

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

Wind

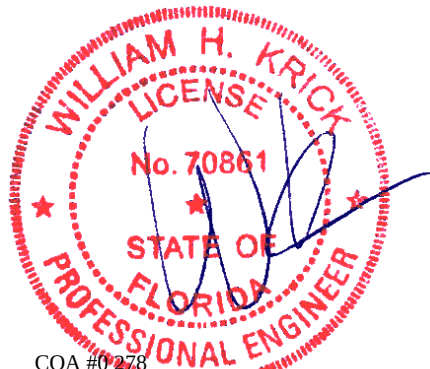
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



COA #0 278

07/24/2024
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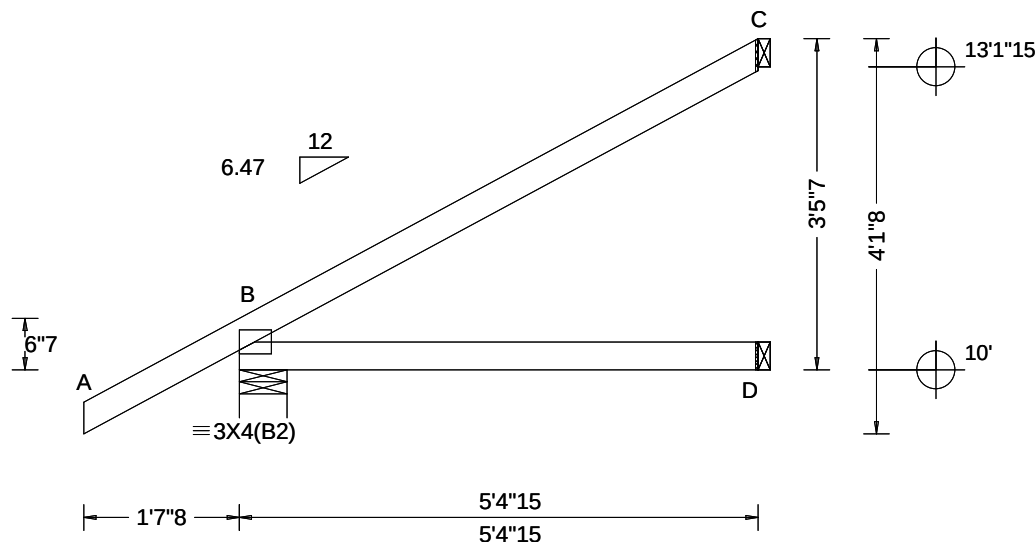
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46244 / FROM:	HIP_	Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J06HJ	Cust: R 215 JRef: 1Y1S2150010 T7 / DrwNo: 205.24.1159.12871 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 B - - HORZ(TL): 0.004 B - - Creep Factor: 2.0 Max TC CSI: 0.338 Max BC CSI: 0.138 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 173 /- /- /- /34 /- D 46 /- /- /19 /- /- C 131 /- /- /- /45 /- 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;

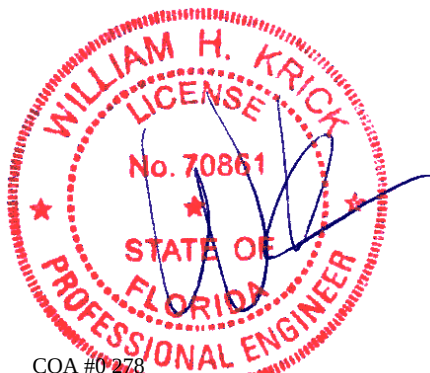
Loading

Hipjack supports 3-9-15 setback jacks with no webs.

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



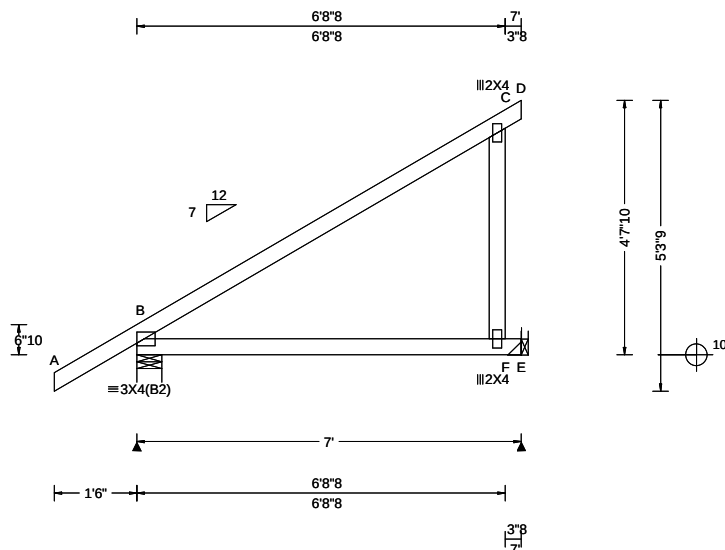
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 105826 FROM:	EJAC Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J07	Cust: R 215 JRef: 1Y1S2150010 T77 DrwNo: 205.24.1509.06217 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.021 C - - HORZ(TL): 0.042 C - - Creep Factor: 2.0 Max TC CSI: 0.730 Max BC CSI: 0.575 Max Web CSI: 0.080 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 407 /- /- /275 /- /121 E 276 /- /- /202 /46 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Wind loading based on both gable and hip roof types.



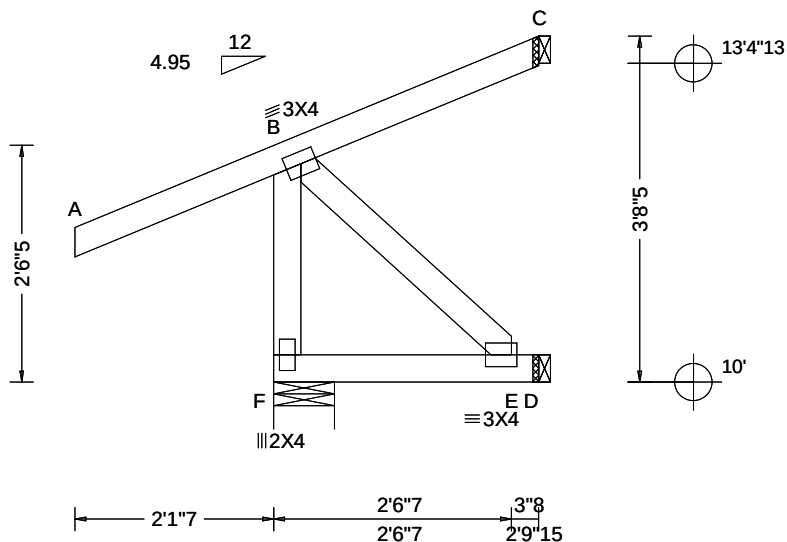
COA #0278

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

SEQN: 47470 / FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J07HJ	Cust: R 215 JRef: 1Y1S2150010 T30 / DrwNo: 205.24.1159.12229 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.286 Max BC CSI: 0.011 Max Web CSI: 0.039 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 157 /- /- /- /42 /- D 5 /- /- /7 /- /- C 1 /- /- /- /4 /- Wind reactions based on MWFRS F Brg Wid = 7.8 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing F is a rigid surface. Members not listed have forces less than 375#

Lumber

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

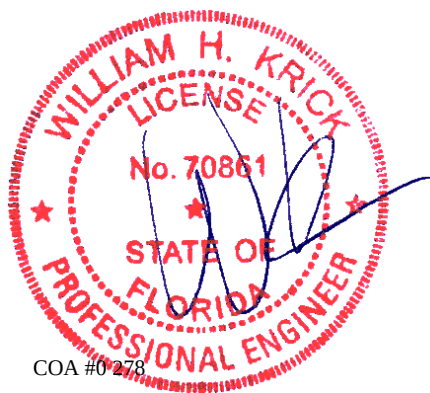
Loading

Hipjack supports 2-0-0 setback jacks with no webs.

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.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



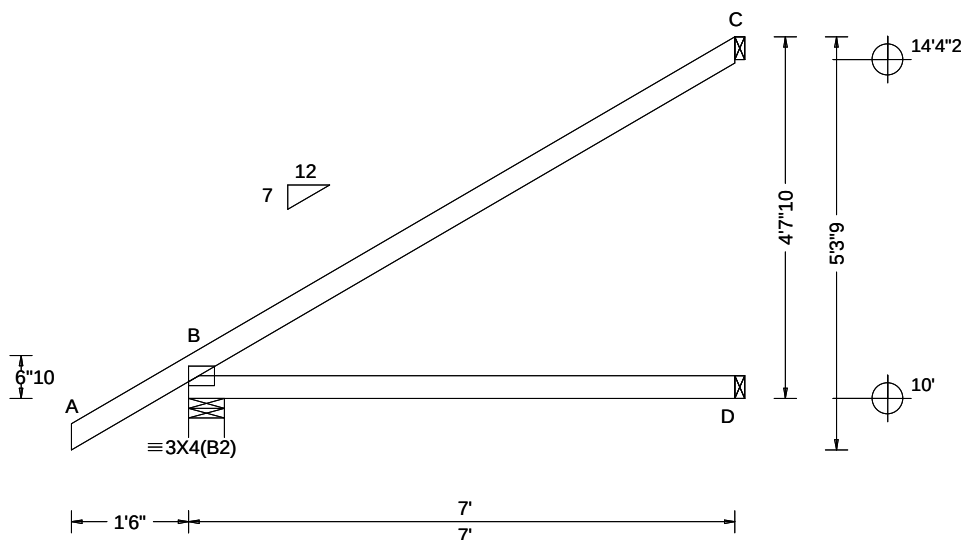
COA #0278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46820 / FROM:	EJAC	Ply: 1 Qty: 8	Job Number: 24-1284 Logan Jack Truss Label: J08	Cust: R 215 JRef: 1Y1S2150010 T163 DrwNo: 205.24.1159.10803 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.011 B - - HORZ(TL): 0.022 B - - Creep Factor: 2.0 Max TC CSI: 0.795 Max BC CSI: 0.550 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 407 /- /- /275 /- /121 D 133 /- /- /73 /- /- C 197 /- /- /129 /71 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

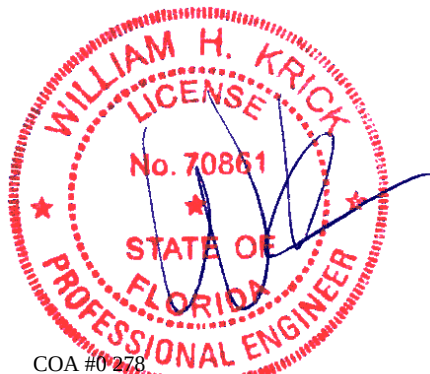
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



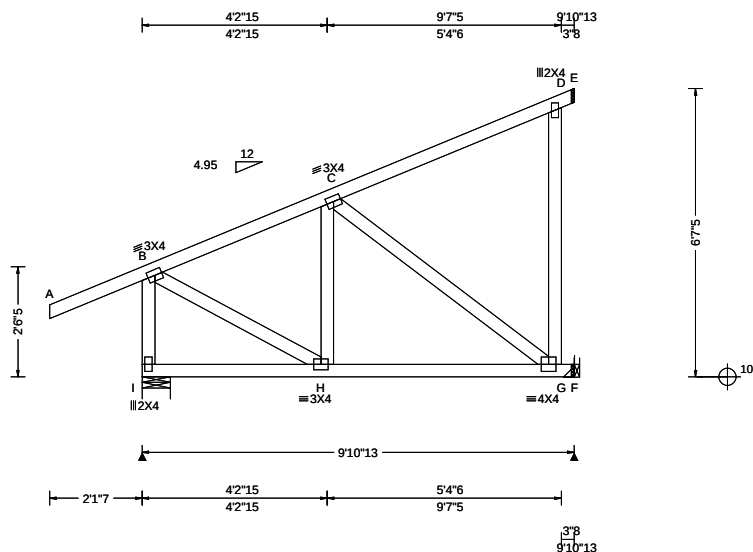
COA #0278

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

SEQN: 105828 FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J08HJ	Cust: R 215 JRef: 1Y1S2150010 T25 DrwNo: 205.24.1509.09150 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.020 D 999 240 VERT(CL): 0.041 D 999 180 HORZ(LL): 0.011 D - - HORZ(TL): 0.023 D - - Creep Factor: 2.0 Max TC CSI: 0.299 Max BC CSI: 0.672 Max Web CSI: 0.349 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 430 /- /- /- /84 /- F 639 /- /- /- /106 /- Wind reactions based on MWFRS I Brg Wid = 7.8 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 59 -379

Lumber

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

Hangers / Ties

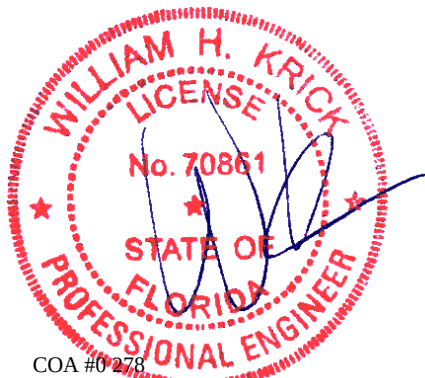
(J) Hanger Support Required, by others

Loading

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

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.



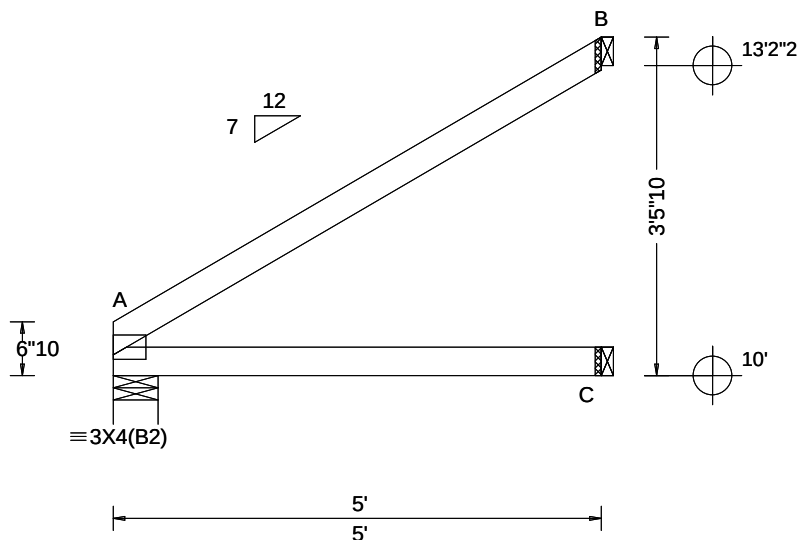
COA #0 278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 45612 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J09	Cust: R 215 JRef: 1Y1S2150010 T172 DrwNo: 205.24.1159.12025 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 A - - HORZ(TL): 0.010 A - - Creep Factor: 2.0 Max TC CSI: 0.468 Max BC CSI: 0.276 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 211 /- /- /130 /- /102 C 96 /- /- /54 /- /- B 147 /- /- /97 /82 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = 1.5 Min Req = - B Brg Wid = 1.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



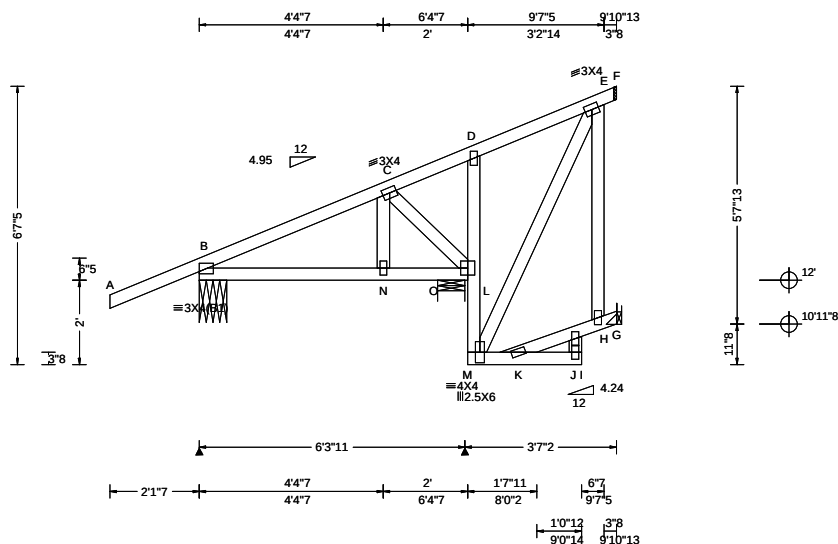
COA #0278

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

SEQN: 105830 FROM:	MONO Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J09HJ	Cust: R 215 JRef: 1Y1S2150010 T22 DrwNo: 205.24.1509.14633 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.017 K 999 240 VERT(CL): 0.034 K 999 180 HORZ(LL): -0.005 G - - HORZ(TL): 0.010 G - - Creep Factor: 2.0 Max TC CSI: 0.414 Max BC CSI: 0.378 Max Web CSI: 0.125 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 230 /- /- /- /52 /- O 586 /- /- /- /103 /- G 278 /- /- /- /41 /- Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) O Brg Wid = 7.8 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearings B & O are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

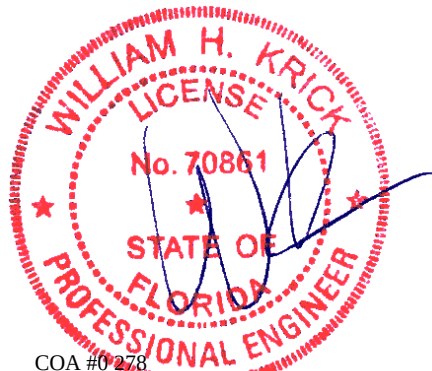
Wind

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

Additional Notes

Shim all supports to solid bearing.

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



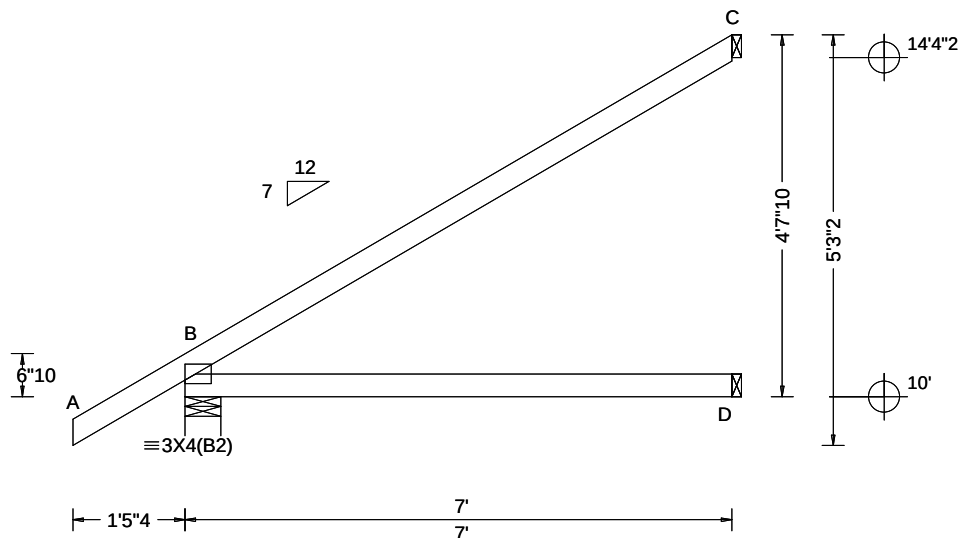
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 46232 / FROM:	HIP_	Ply: 1 Qty: 11	Job Number: 24-1284 Logan Jack Truss Label: J10	Cust: R 215 JRef: 1Y1S2150010 T31 / DrwNo: 205.24.1159.11444 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.011 B - - HORZ(TL): 0.023 B - - Creep Factor: 2.0 Max TC CSI: 0.799 Max BC CSI: 0.551 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 402 /- /- /- /87 /- D 133 /- /- /26 /- /- C 198 /- /- /- /70 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

Wind loads and reactions based on MWFRS.
Wind loading based on both gable and hip roof types.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



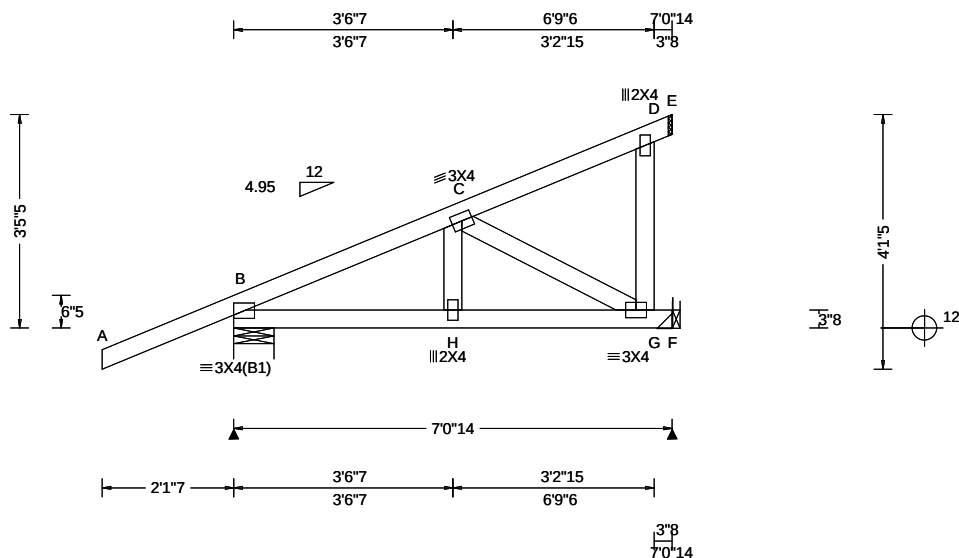
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Glenview, IL 60025

SEQN: 105844 FROM:	EJAC Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J10HJ	Cust: R 215 JRef: 1Y1S2150010 T42 DrwNo: 205.24.1509.20160 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.009 H 999 240 VERT(CL): 0.018 H 999 180 HORZ(LL): -0.002 B - - HORZ(TL): 0.005 B - - Creep Factor: 2.0 Max TC CSI: 0.164 Max BC CSI: 0.271 Max Web CSI: 0.062 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 308 /- /- /- /68 /- F 298 /- /- /- /47 /- Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

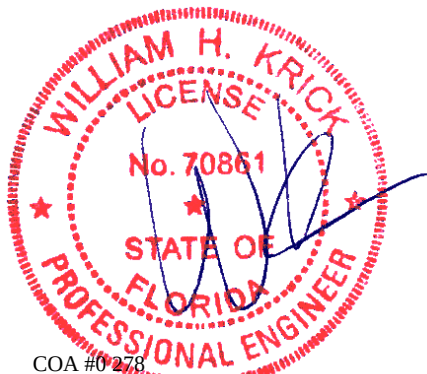
Loading

Hipjack supports 5-0-0 setback jacks with no webs.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.



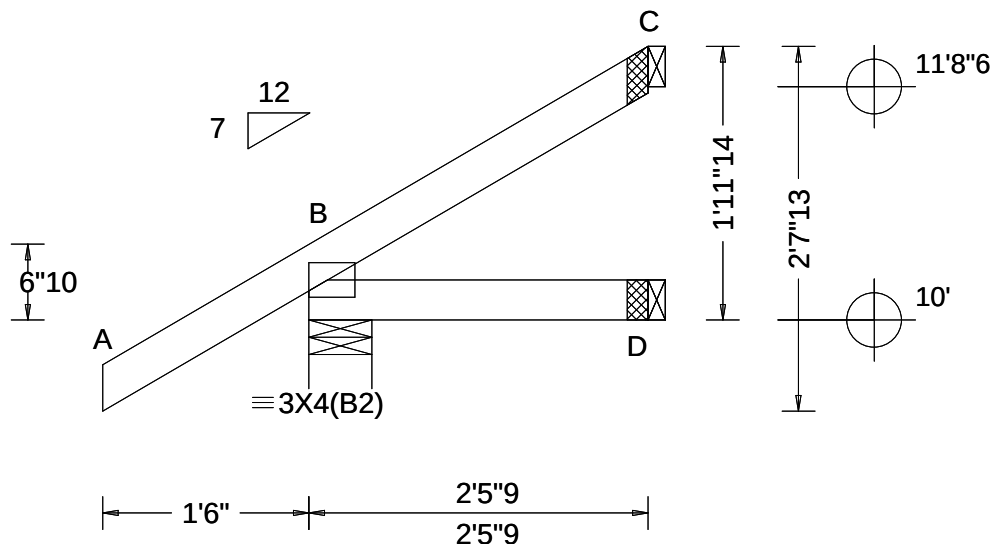
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46238 / FROM:	JACK Ply: 1 Qty: 6	Job Number: 24-1284 Logan Jack Truss Label: J11	Cust: R 215 JRef: 1Y1S2150010 T186 DrwNo: 205.24.1159.11195 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.050 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 242 /- /- /176 /33 /75 D 44 /- /- /26 /- /- C 47 /- /- /32 /35 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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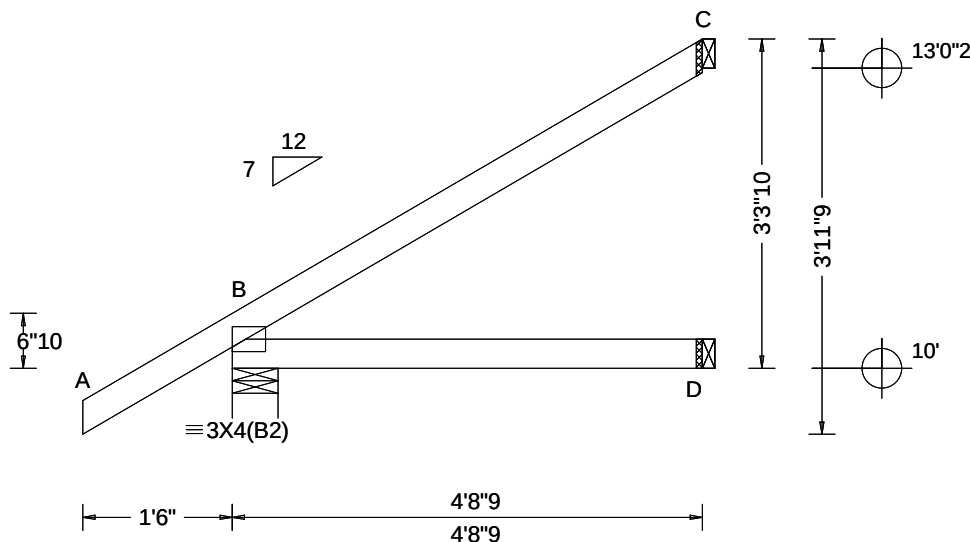
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	G 209 /- /- /- /97 /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.004 B - -	E 118 /-9 /- /- /24 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.007 B - -	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	G Brg Wid = 7.8 Min Req = 1.5 (Truss)
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.127	E Brg Wid = - Min Req = -
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.147	Bearing G is a rigid surface.
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.042	Members not listed have forces less than 375#
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		
	Loc. from endwall: Any	Plate Type(s):		
	GCpi: 0.18	WAVE		
	Wind Duration: 1.60		VIEW Ver: 23.02.01A.1204.18	

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SEQN: 46236 / FROM:	JACK Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J12	Cust: R 215 JRef: 1Y1S2150010 T134 DrwNo: 205.24.1159.12088 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.003 C - - HORZ(TL): 0.005 B - - Creep Factor: 2.0 Max TC CSI: 0.383 Max BC CSI: 0.230 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 318 /- /- /220 /30 /121 D 89 /- /- /48 /- /- C 127 /- /- /81 /74 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



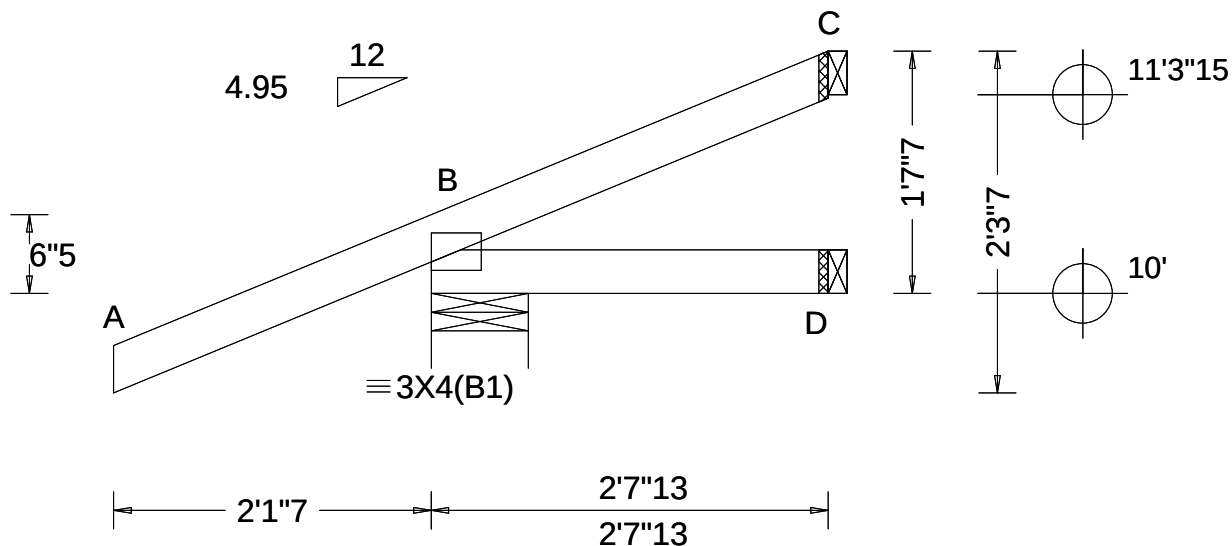
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155 Harlem Ave
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SEQN: 47615 / FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J12HJ	Cust: R 215 JRef:1Y1S2150010 T14 / DrwNo: 205.24.1159.13373 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.270 Max BC CSI: 0.060 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 157 /- /- /- /42 /- D - /-2 /- /8 /- /- C - /-4 /- /- /1 /- Wind reactions based on MWFRS B Brg Wid = 7.8 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;

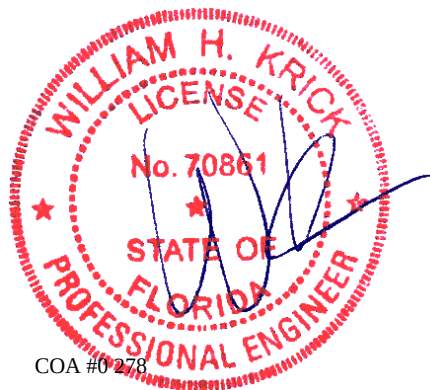
Loading

Hipjack supports 1-10-8 setback jacks with no webs.

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.

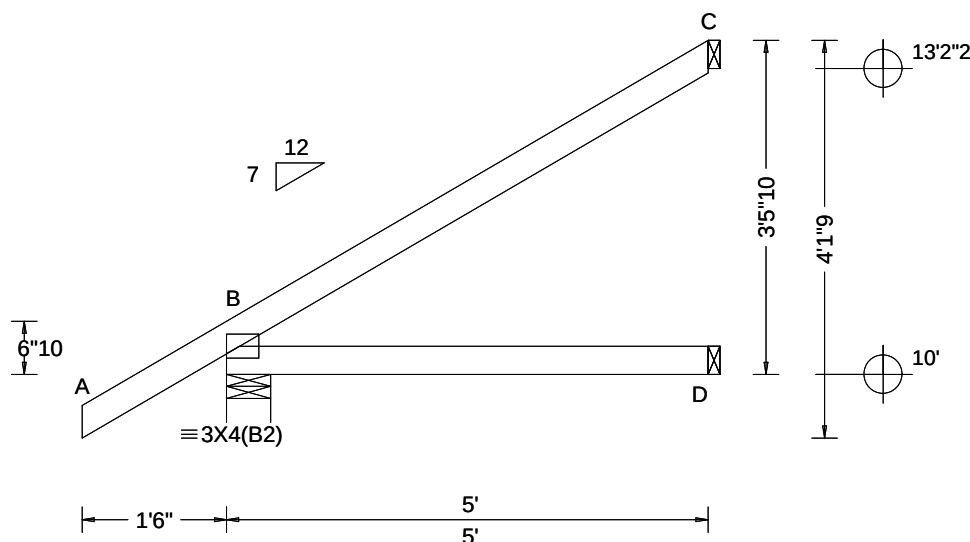


COA #0 278

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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	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 151 /- /- /- /29 /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B - -	D 39 /- /- /17 /- /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 B - -	C 112 /- /- /- /38 /-
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.263	B Brg Wid = 5.5 Min Req = 1.5 (Truss)
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.105	D Brg Wid = 1.5 Min Req = -
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.000	C Brg Wid = 1.5 Min Req = -
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)		Bearing B is a rigid surface.
	Loc. from endwall: NA	Plate Type(s):		Members not listed have forces less than 375#
	GCpi: 0.18			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

Lumber

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

Loading

Hipjack supports 3-6-7 setback jacks with no webs.

Wind

Wind loads and reactions based on MWERS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



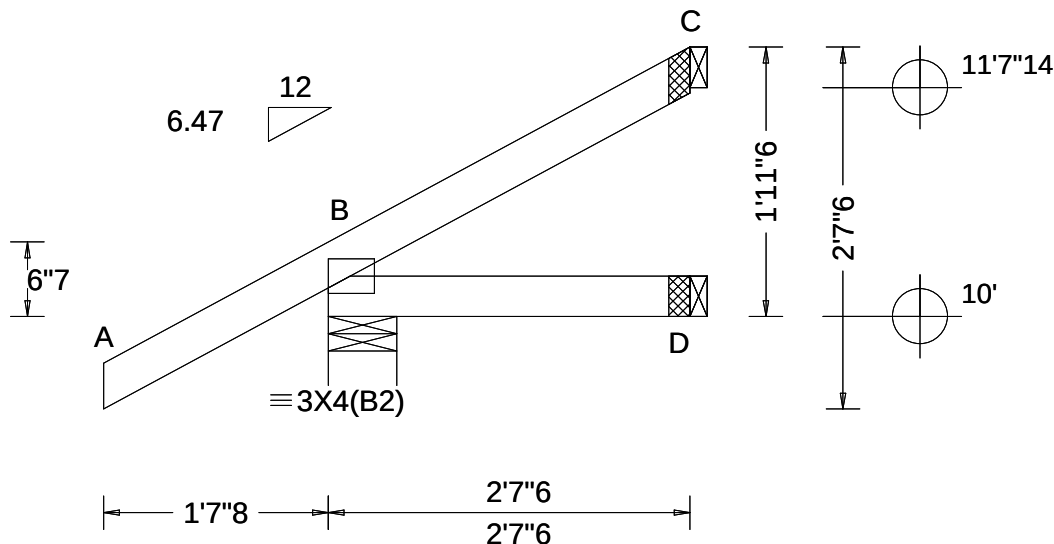
COA #0 278

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SEQN: 47802 / FROM:	HIP_	Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J13HJ	Cust: R 215 JRef: 1Y1S2150010 T54 / DrwNo: 205.24.1159.13185 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.143 Max BC CSI: 0.032 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 106 /- /- /- /25 /- D 4 /- /- /6 /- /- C 11 /- /- /5 /5 /- 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;

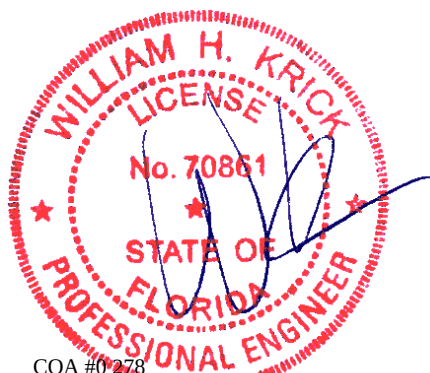
Loading

Hipjack supports 1-10-3 setback jacks with no webs.

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



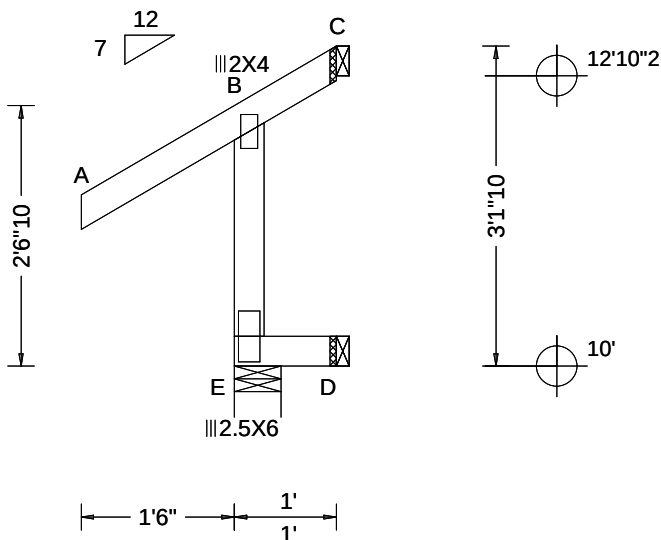
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Glenview, IL 60025

SEQN: 47601 / FROM:	JACK Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J14	Cust: R 215 JRef: 1Y1S2150010 T164 DrwNo: 205.24.1159.11726 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.010 Max Web CSI: 0.138 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 220 /- /- /198 /76 /- D 20 /- /- /10 /- /- C - /-45 /- /52 /70 /44 Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs 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.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



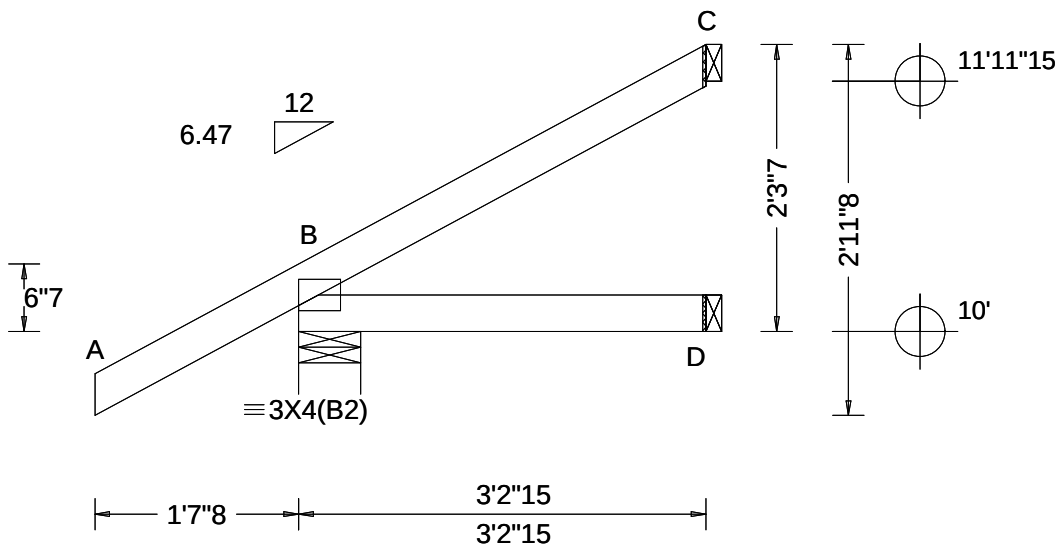
COA #0278

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Glenview, IL 60025

SEQN: 46483 / FROM:	HIP_	Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J14HJ	Cust: R 215 JRef: 1Y1S2150010 T198 DrwNo: 205.24.1159.14141 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.179 Max BC CSI: 0.041 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 127 /- /- /- /29 /- D 10 /- /- /8 /- /- C 30 /- /- /- /12 /- 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;

Loading

Hipjack supports 2-3-9 setback jacks with no webs.

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



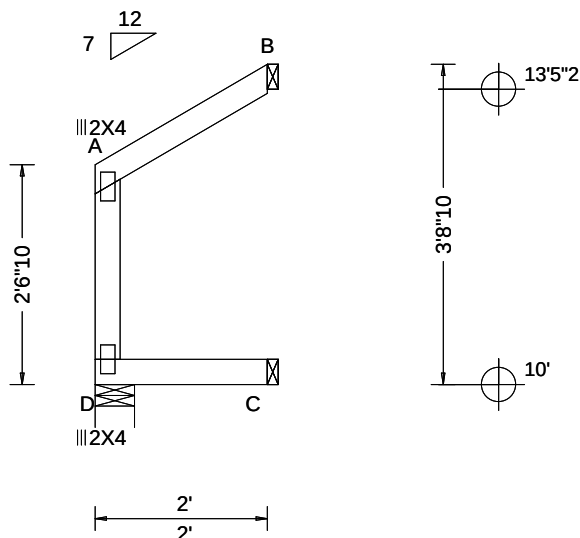
COA #0278

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Glenview, IL 60025

SEQN: 47472 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J15	Cust: R 215 JRef: 1Y1S2150010 T19 / DrwNo: 205.24.1159.13357 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 A 999 240 VERT(CL): 0.000 A 999 180 HORZ(LL): -0.000 A - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.101 Max BC CSI: 0.040 Max Web CSI: 0.034 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D 83 /- /- /60 /23 /- C 40 /- /- /20 /- /- B 63 /- /- /32 /13 /40 Wind reactions based on MWFRS D Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = 1.5 Min Req = - B Brg Wid = 1.5 Min Req = - Bearing D is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



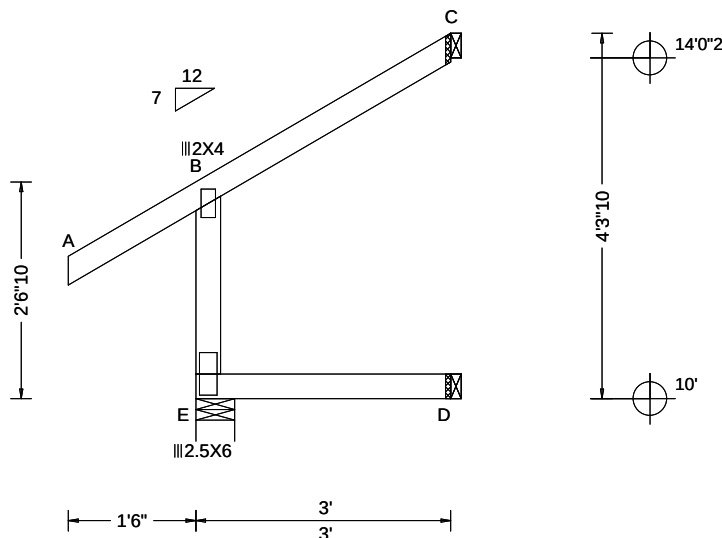
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47280 / FROM:	JACK Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J16	Cust: R 215 JRef: 1Y1S2150010 T165 DrwNo: 205.24.1159.14057 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.253 Max BC CSI: 0.098 Max Web CSI: 0.118 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 252 /- /- /213 /85 /- D 60 /- /- /30 /- /- C 69 /- /- /57 /18 /86 Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 396 -222

Lumber

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

Wind

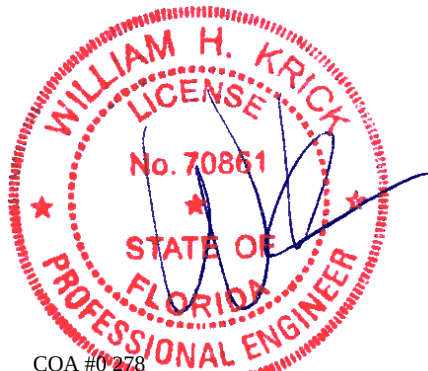
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



COA #0278

07/24/2024
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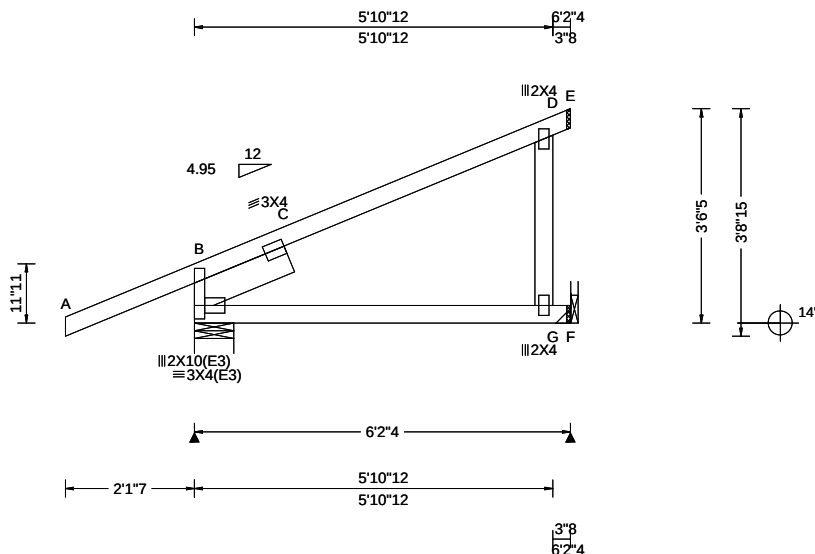
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105863 FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J16HJ	Cust: R 215 JRef: 1Y1S2150010 T29 DrwNo: 205.24.1509.25630 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.81 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 C - - HORZ(TL): 0.027 C - - Creep Factor: 2.0 Max TC CSI: 0.411 Max BC CSI: 0.240 Max Web CSI: 0.097 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 268 /- /- /- /66 /- F 221 /- /- /- /37 /- Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) F 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;
Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.734'

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

Wind

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



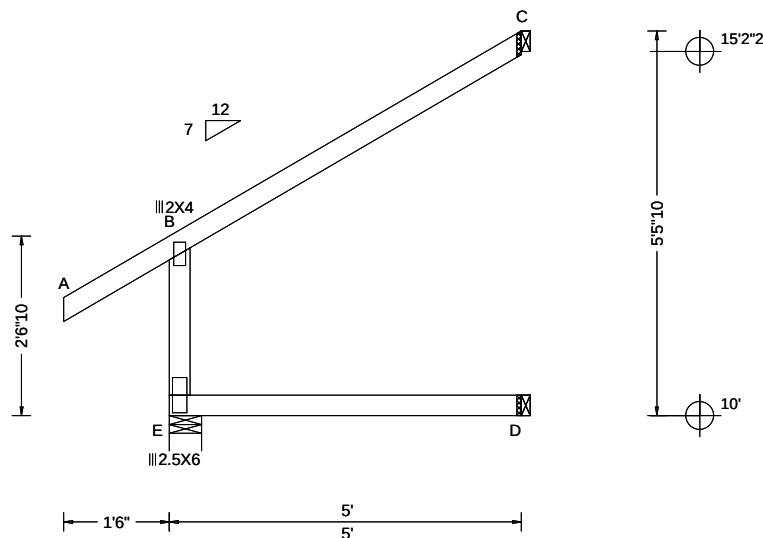
COA #0278

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SEQN: 47282 / FROM:	JACK Ply: 1 Qty: 3	Job Number: 24-1284 Logan Jack Truss Label: J17	Cust: R 215 JRef:1Y1S2150010 T11 / DrwNo: 205.24.1159.11367 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): -0.001 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.481 Max BC CSI: 0.297 Max Web CSI: 0.134 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 325 /- /- /264 /107 /- D 100 /- /- /50 /- /- C 143 /- /- /78 /11 /127 Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 451 -275

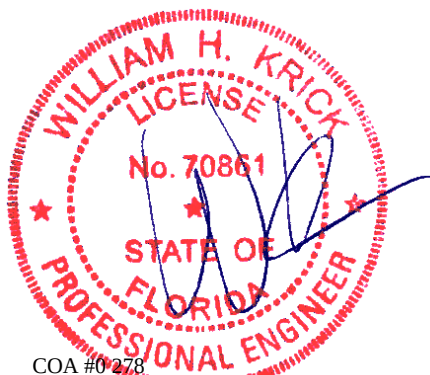
Lumber

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

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



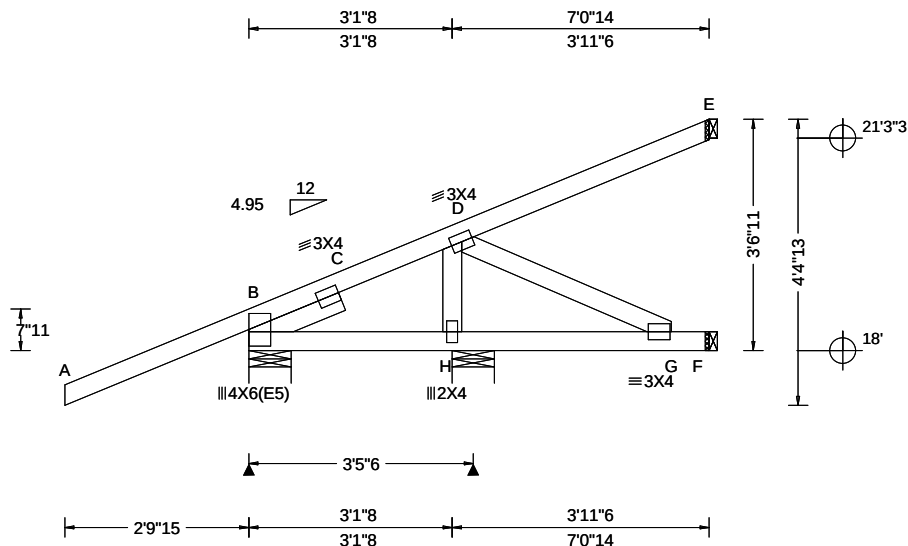
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SEQN: 46531 / FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J17HJ	Cust: R 215 JRef:1Y1S2150010 T114 DrwNo: 205.24.1159.13921 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.52 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.015 C 999 240 VERT(CL): -0.030 C 999 180 HORZ(LL): -0.007 C - - HORZ(TL): 0.015 C - - Creep Factor: 2.0 Max TC CSI: 0.630 Max BC CSI: 0.078 Max Web CSI: 0.159 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 187 /- /- /- /100 /- H 284 /- /- /- /13 /- F 15 /- /- /11 /- /- E 153 /- /- /- /71 /- Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) H Brg Wid = 7.8 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearings B & H are a rigid surface. Members not listed have forces less than 375#

Lumber

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

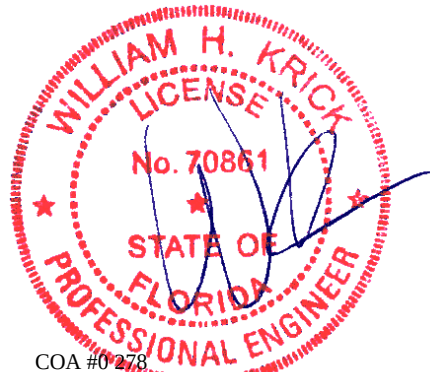
Loading

Hipjack supports 5-0-0 setback jacks with no webs.

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



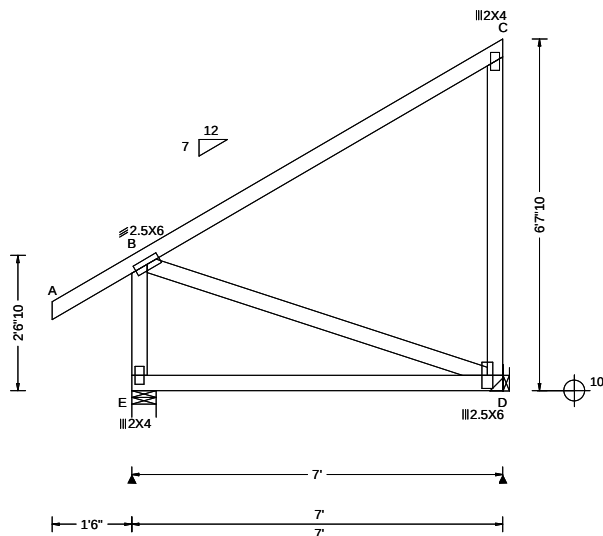
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SEQN: 47669 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J18	Cust: R 215 JRef:1Y1S2150010 T139 DrwNo: 205.24.1159.10630 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.002 C 999 180 HORZ(LL): -0.004 C - - HORZ(TL): 0.005 C - - Creep Factor: 2.0 Max TC CSI: 0.822 Max BC CSI: 0.557 Max Web CSI: 0.289 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 404 /- /- /247 /- /169 D 280 /- /- /230 /141 /- Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = - Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. E - D 110 -380

Lumber

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

Hangers / Ties

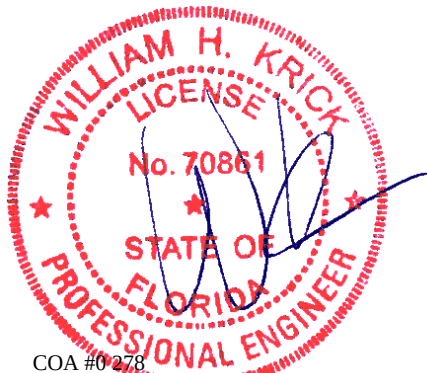
(J) Hanger Support Required, by others

Wind

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

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.
B - D 399 -116



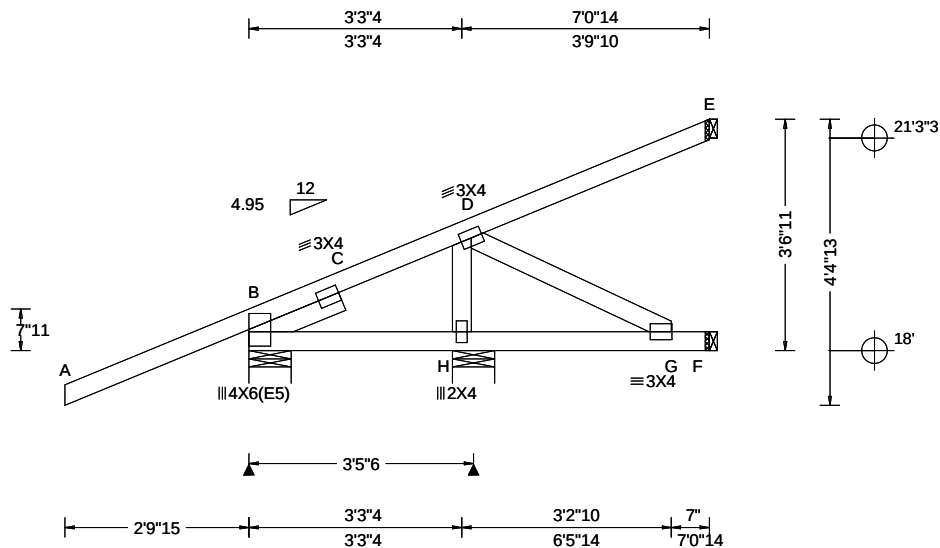
COA #0278

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Glenview, IL 60025

SEQN: 47798 / FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J18HJ	Cust: R 215 JRef:1Y1S2150010 T43 / DrwNo: 205.24.1159.12495 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.52 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.016 C 999 240 VERT(CL): -0.032 C 999 180 HORZ(LL): -0.008 C - - HORZ(TL): 0.016 C - - Creep Factor: 2.0 Max TC CSI: 0.337 Max BC CSI: 0.083 Max Web CSI: 0.171 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 255 /- /- /- /123 /- H 249 /- /- /- /1 /- F 12 /- /- /11 /- /- E 154 /- /- /- /71 /- Wind reactions based on MWFRS B Brg Wid = 7.8 Min Req = 1.5 (Truss) H Brg Wid = 7.8 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearings B & H are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.500'

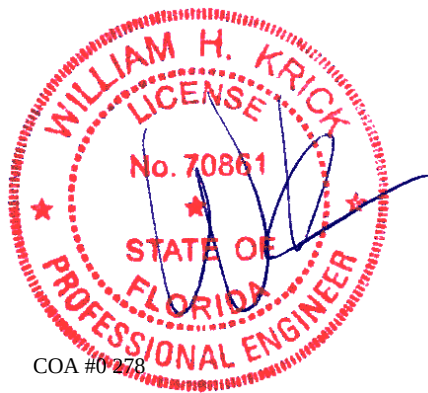
Loading

Hipjack supports 5-0-0 setback jacks with no webs.

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



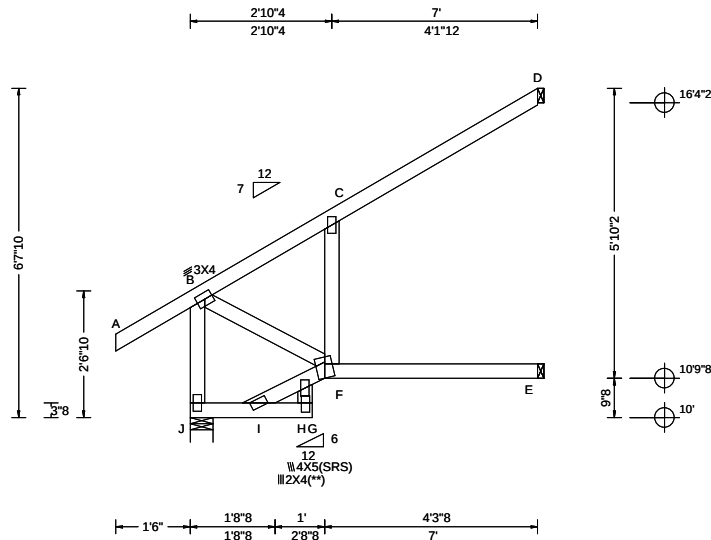
COA #0278

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SEQN: 47609 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J19	Cust: R 215 JRef: 1Y1S2150010 T76 / DrwNo: 205.24.1159.11116 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.131 C 639 240 VERT(CL): 0.264 C 317 180 HORZ(LL): 0.169 C - - HORZ(TL): 0.340 C - - Creep Factor: 2.0 Max TC CSI: 0.355 Max BC CSI: 0.670 Max Web CSI: 0.138 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 404 - / - / - /248 - /169 E 112 - / - / - /85 /24 - D 190 - / - / - /145 /117 - Wind reactions based on MWFRS J Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing J is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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



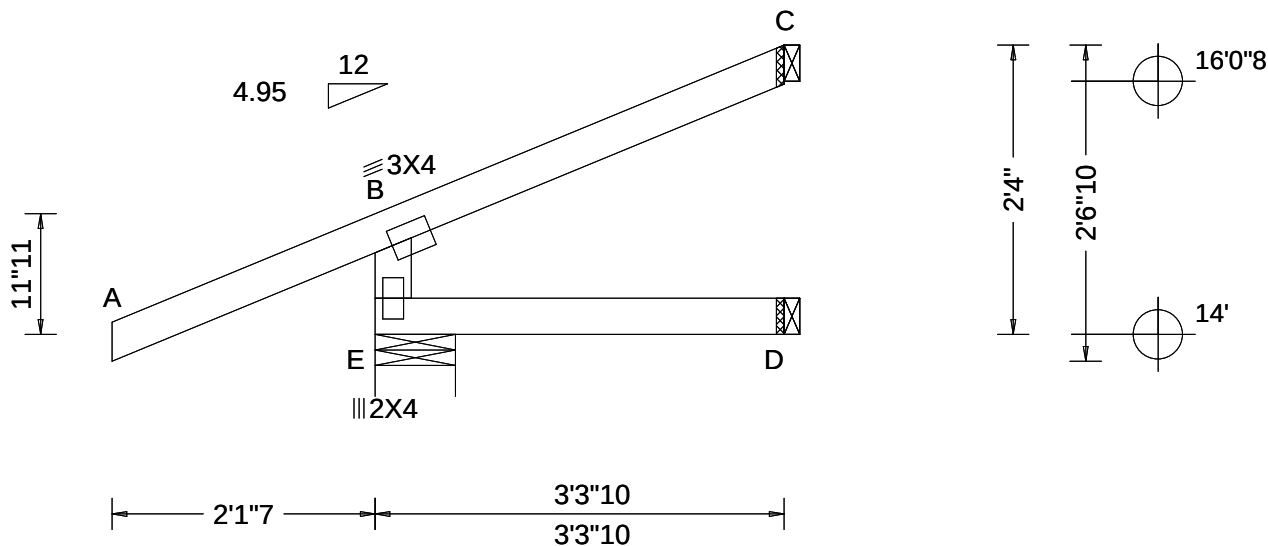
COA #0278

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Florida Certificate of Product Approval #FL 1999

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SEQN: 47619 / FROM:	HIP_	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J19HJ	Cust: R 215 JRef: 1Y1S2150010 T68 / DrwNo: 205.24.1159.12653 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.22 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.344 Max BC CSI: 0.026 Max Web CSI: 0.030 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 174 /- /- /- /46 /- D 16 /- /- /8 /- /- C 10 /- /- /- /8 /- Wind reactions based on MWFRS E Brg Wid = 7.8 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Loading

Hipjack supports 2-4-0 setback jacks with no webs.

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.

Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe
nailed at Bot chord.



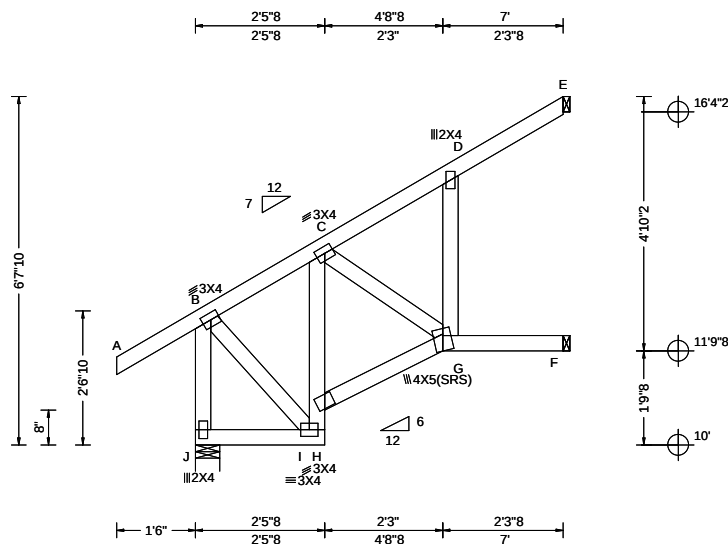
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SEQN: 47292 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J20	Cust: R 215 JRef: 1Y1S2150010 T161 DrwNo: 205.24.1159.14172 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.074 G 999 240 VERT(CL): 0.150 G 560 180 HORZ(LL): 0.078 D - - HORZ(TL): 0.158 D - - Creep Factor: 2.0 Max TC CSI: 0.422 Max BC CSI: 0.396 Max Web CSI: 0.514 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 406 -/- /- /250 -/- /169 F 110 -/- /0 /96 /45 /0 E 173 -/- /- /137 /95 -/- Wind reactions based on MWFRS J Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing J is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs 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.
Left end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



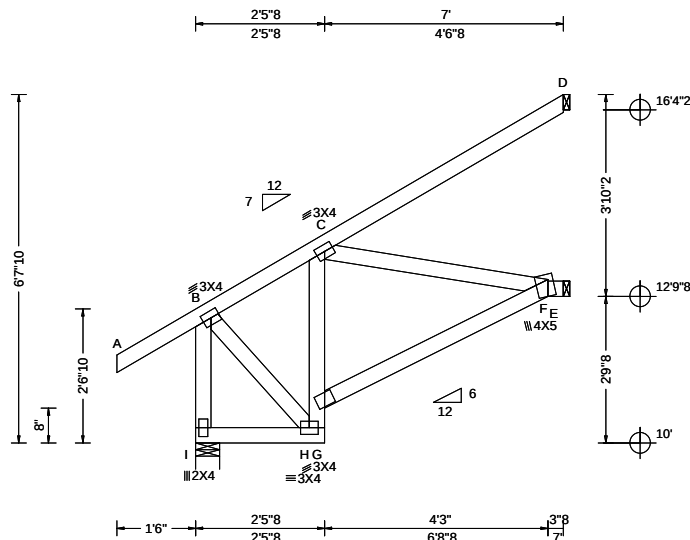
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SEQN: 47294 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J21	Cust: R 215 JRef:1Y1S2150010 T36 / DrwNo: 205.24.1159.11460 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.009 C 999 240 VERT(CL): 0.021 F 999 180 HORZ(LL): 0.012 C - - HORZ(TL): 0.024 C - - Creep Factor: 2.0 Max TC CSI: 0.311 Max BC CSI: 0.343 Max Web CSI: 0.542 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 407 /- /- /251 /- /169 E 175 /- /- /153 /67 /- D 125 /- /- /83 /71 /- Wind reactions based on MWFRS I Brg Wid = 5.5 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# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

Lumber

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

Wind

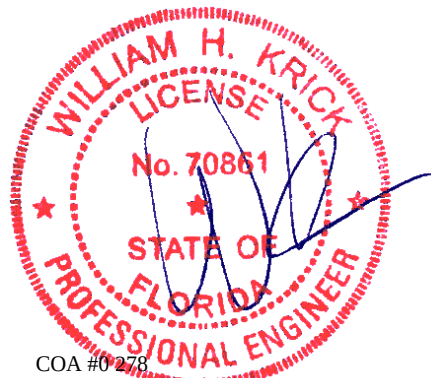
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



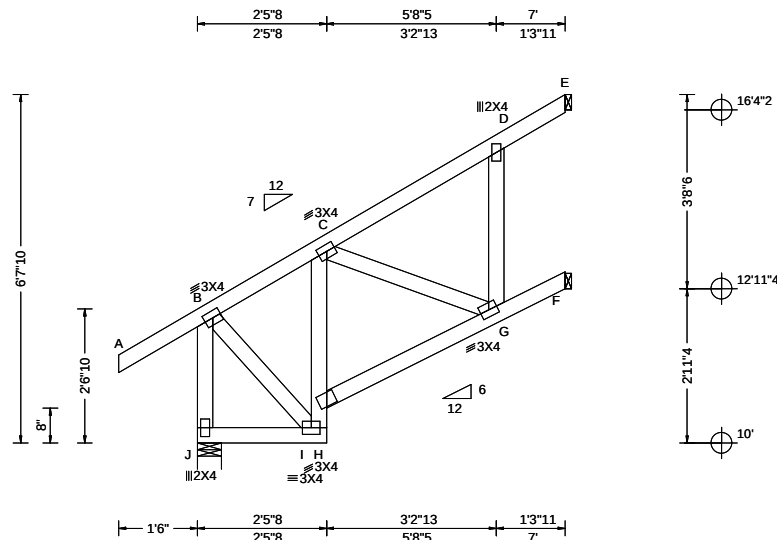
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SEQN: 47800 / FROM:	EJAC Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J22	Cust: R 215 JRef:1Y1S2150010 T61 / DrwNo: 205.24.1159.11758 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.030 G 999 240 VERT(CL): 0.061 G 999 180 HORZ(LL): 0.031 D - - HORZ(TL): 0.064 D - - Creep Factor: 2.0 Max TC CSI: 0.155 Max BC CSI: 0.307 Max Web CSI: 0.519 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 407 /- /- /251 /- /169 F 120 /- /- /98 /62 /- E 168 /- /- /139 /76 /- Wind reactions based on MWFRS J Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing J is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

Lumber

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

Wind

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

Additional Notes

Shim all supports to solid bearing.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



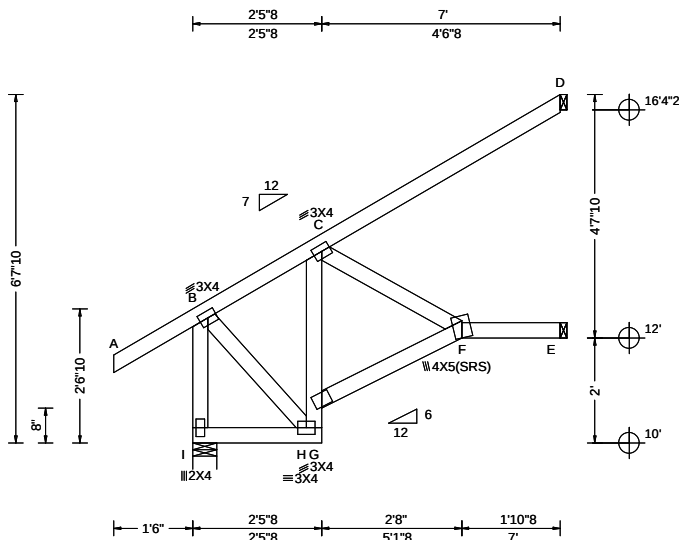
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SEQN: 47298 / FROM:	EJAC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J23	Cust: R 215 JRef:1Y1S2150010 T160 DrwNo: 205.24.1159.12966 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.090 F 934 240 VERT(CL): 0.181 F 463 180 HORZ(LL): 0.068 C - - HORZ(TL): 0.138 C - - Creep Factor: 2.0 Max TC CSI: 0.385 Max BC CSI: 0.467 Max Web CSI: 0.481 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 406 /- /- /250 /- /169 E 156 /- /- /135 /60 /- D 141 /- /- /98 /79 /- Wind reactions based on MWFRS I Brg Wid = 5.5 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# Maximum Web Forces Per Ply (lbs) Webs 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.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



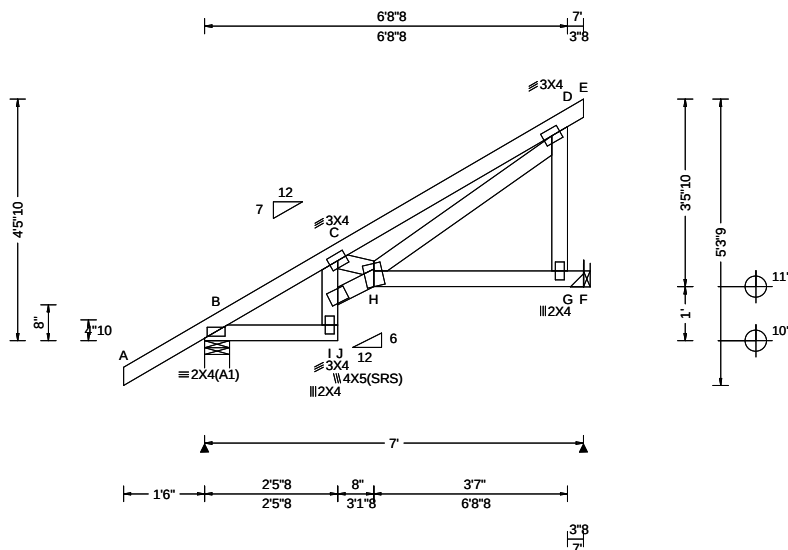
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Glenview, IL 60025

SEQN: 105855 FROM:	EJAC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J24	Cust: R 215 JRef: 1Y1S2150010 T28 DrwNo: 205.24.1509.29610 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.027 H 999 240 VERT(CL): 0.054 H 999 180 HORZ(LL): 0.015 C - - HORZ(TL): 0.031 C - - Creep Factor: 2.0 Max TC CSI: 0.298 Max BC CSI: 0.201 Max Web CSI: 0.697 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 413 /- /- /280 /33 /169 F 272 /- /- /199 /87 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. C - D 301 -575

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

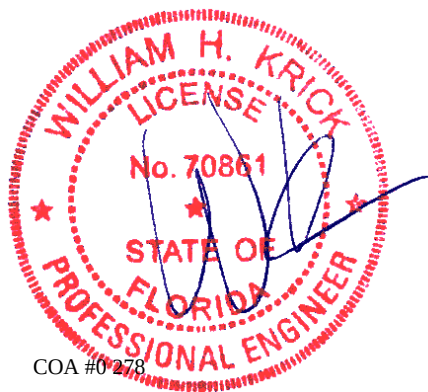
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.
I - H	573 -521

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
H - D	553 -429



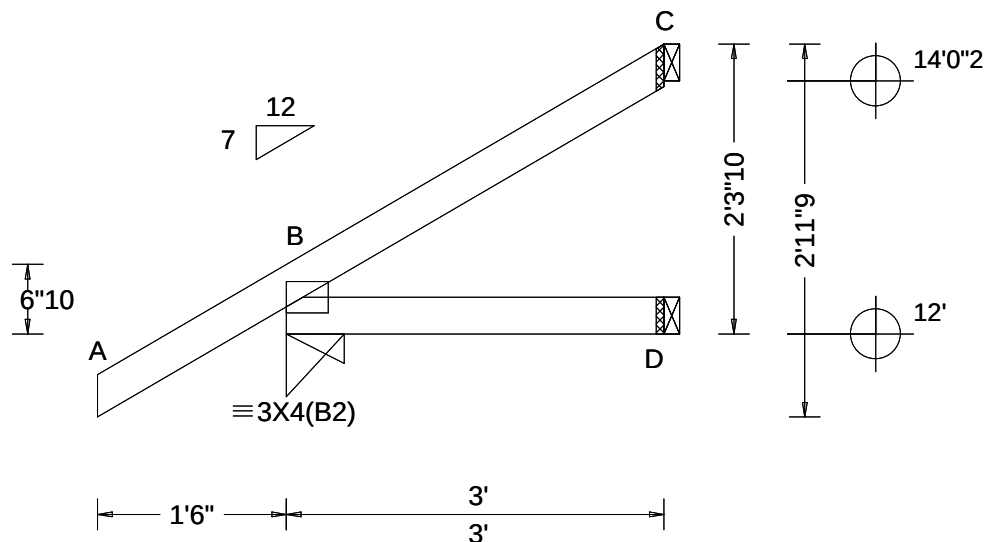
COA #0278

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Glenview, IL 60025

SEQN: 46293 / FROM:	JACK Ply: 1 Qty: 6	Job Number: 24-1284 Logan Jack Truss Label: J25	Cust: R 215 JRef: 1Y1S2150010 T88 / DrwNo: 205.24.1159.14017 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.080 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 258 /- /- /185 /31 /86 D 55 /- /- /31 /- /- C 68 /- /- /41 /45 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

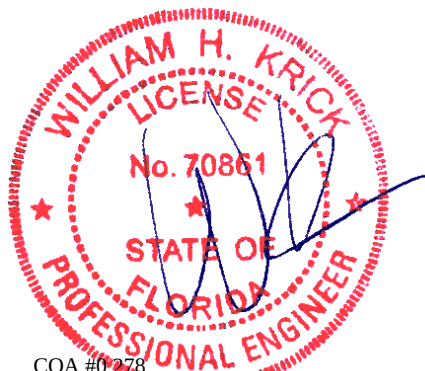
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



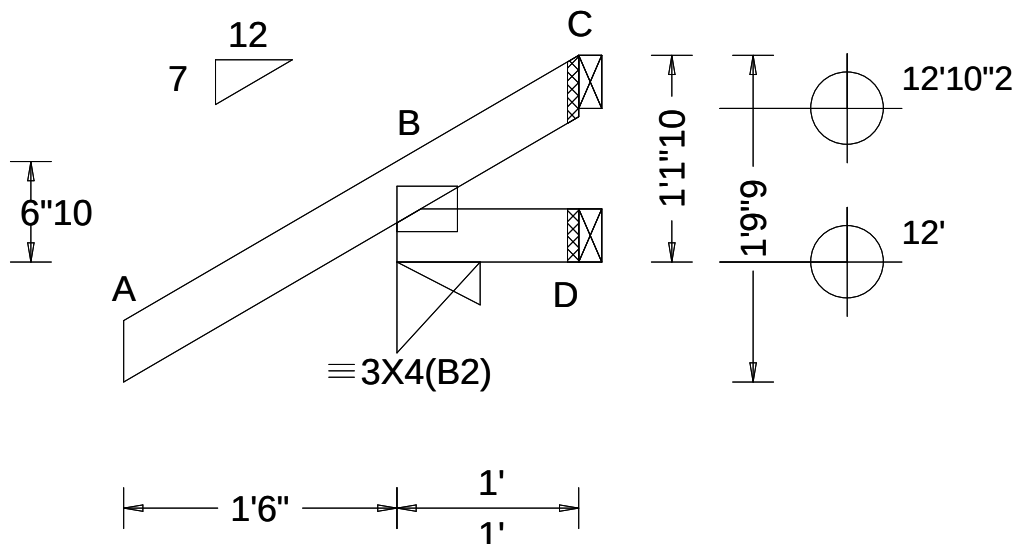
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07/24/2024
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SEQN: 33585 / FROM:	JACK Ply: 1 Qty: 8	Job Number: 24-1284 Logan Jack Truss Label: J26	Cust: R 215 JRef: 1Y1S2150010 T3 / DrwNo: 205.24.1159.14276 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.033 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 235 /- /- /185 /52 /44 D 12 /-5 /- /12 /5 /- C - /-45 /- /31 /46 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

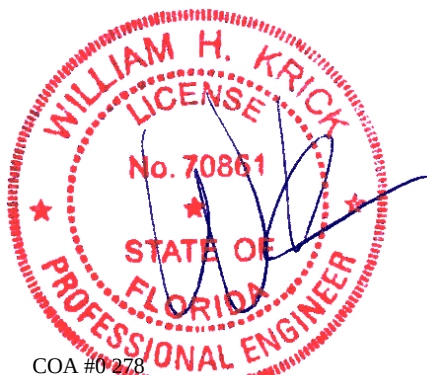
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



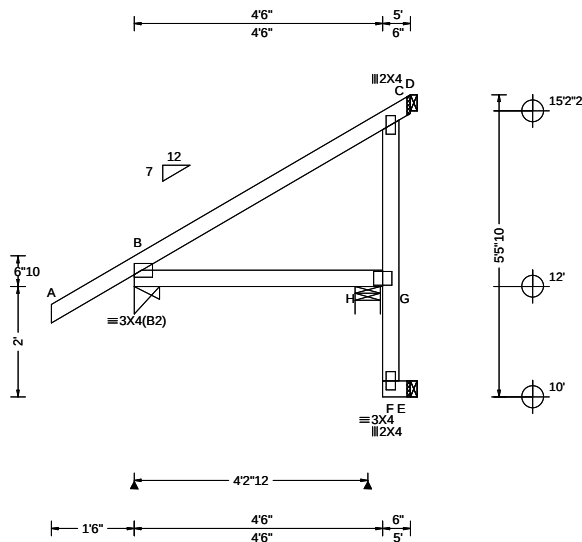
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Glenview, IL 60025

SEQN: 47307 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J27	Cust: R 215 JRef: 1Y1S2150010 T66 / DrwNo: 205.24.1159.14314 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 C 999 240 VERT(CL): 0.008 C 999 180 HORZ(LL): -0.005 C - - HORZ(TL): 0.008 C - - Creep Factor: 2.0 Max TC CSI: 0.344 Max BC CSI: 0.171 Max Web CSI: 0.183 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 299 /- /- /202 /26 /127 H 231 /- /- /157 /24 /- E 63 /- /- /38 /43 /- D - /-65 /- /1 /48 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) H Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearings B & H are a rigid surface. Members not listed have forces less than 375#

Lumber

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

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.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



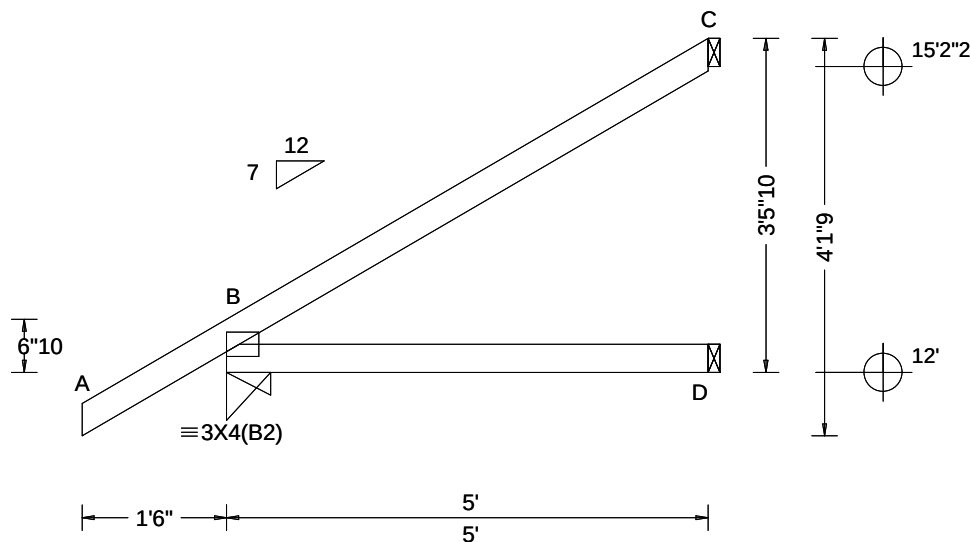
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SEQN: 46404 / FROM:	EJAC Ply: 1 Qty: 5	Job Number: 24-1284 Logan Jack Truss Label: J28	Cust: R 215 JRef: 1Y1S2150010 T94 / DrwNo: 205.24.1159.12433 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.003 C - - HORZ(TL): 0.006 B - - Creep Factor: 2.0 Max TC CSI: 0.430 Max BC CSI: 0.263 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 329 /- /- /227 /30 /127 D 94 /- /- /51 /- /- C 136 /- /- /88 /79 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



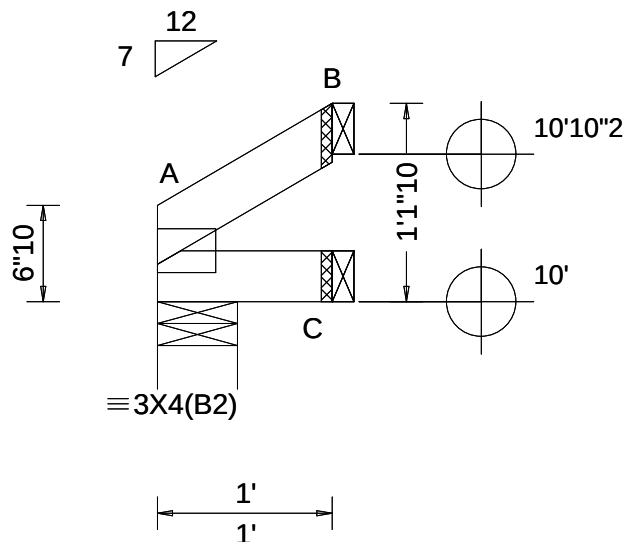
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Glenview, IL 60025

SEQN: 46459 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J29	Cust: R 215 JRef: 1Y1S2150010 T15 / DrwNo: 205.24.1159.12698 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.024 Max BC CSI: 0.008 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 45 /- /- /26 /- /19 C 18 /- /- /10 /- /- B 29 /- /- /20 /19 /- Wind reactions based on MWFRS A Brg Wid = 5.5 Min Req = 1.5 (Truss) C Brg Wid = 1.5 Min Req = - B Brg Wid = 1.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

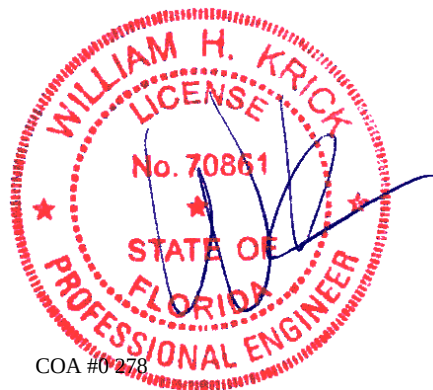
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.

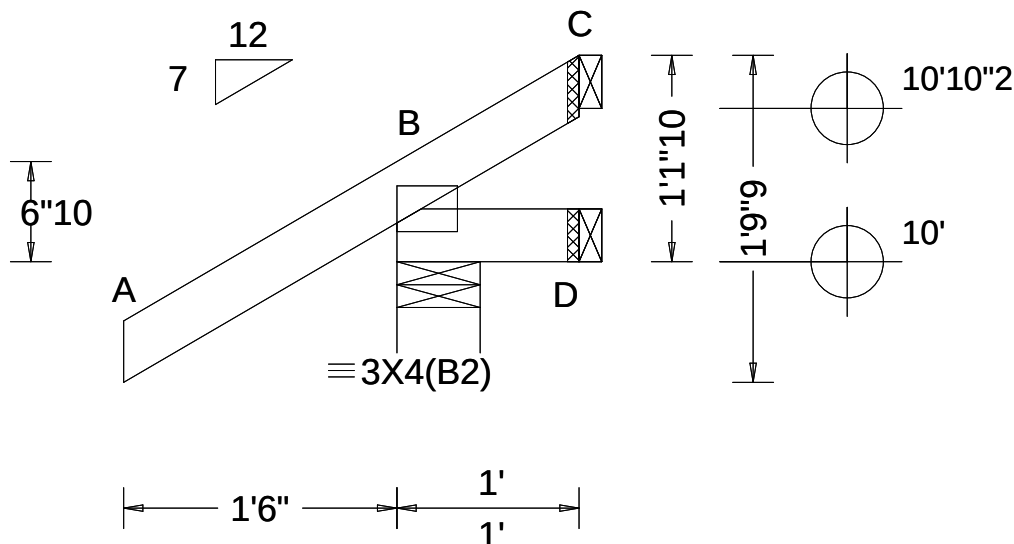


COA #0 278

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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 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 45 /- /- /26 /- /19
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C - -	D 18 /- /- /10 /- /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 C - -	C 29 /- /- /20 /19 /-
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.024	B Brg Wid = 5.5 Min Req = 1.5 (Truss)
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.008	D Brg Wid = 1.5 Min Req = -
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Wid = 1.5 Min Req = -
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)		Bearing B is a rigid surface.
	Loc. from endwall: Any	Plate Type(s):		Members not listed have forces less than 375#
	GCpi: 0.18			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

Lumber

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

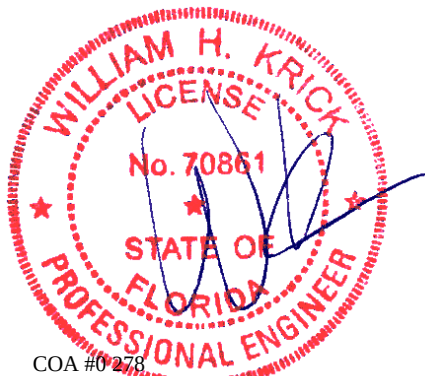
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



COA #0 278

07/24/2024
Florida Certificate of Product Approval #FL 1999

FINAL RELEASED TO Product Approval #P1-1999

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

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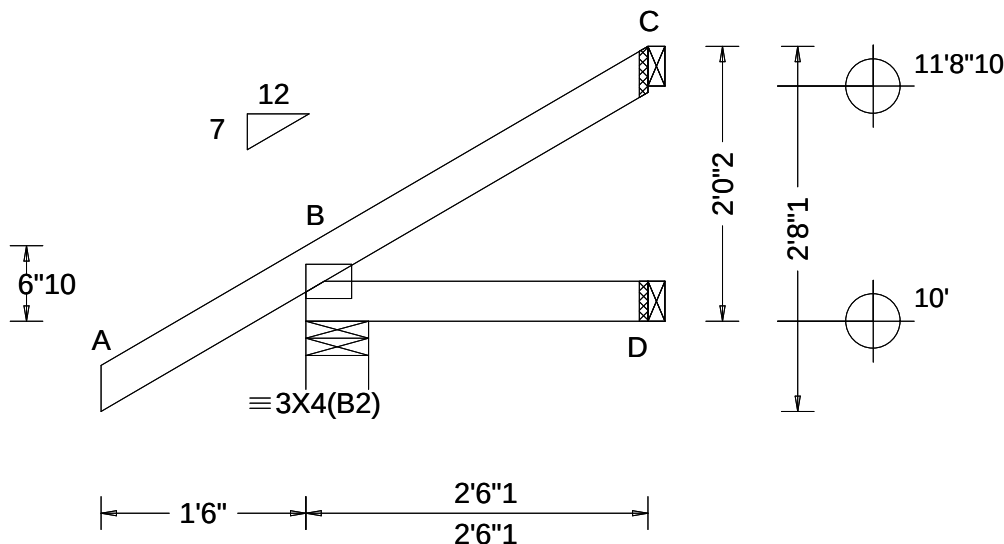
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

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



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

SEQN: 45589 / FROM:	JACK Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J31	Cust: R 215 JRef: 1Y1S2150010 T152 DrwNo: 205.24.1159.12448 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.052 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 243 /- /- /177 /33 /75 D 44 /- /- /26 /- /- C 48 /- /- /32 /36 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

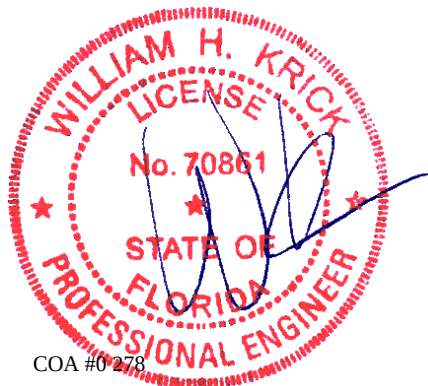
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



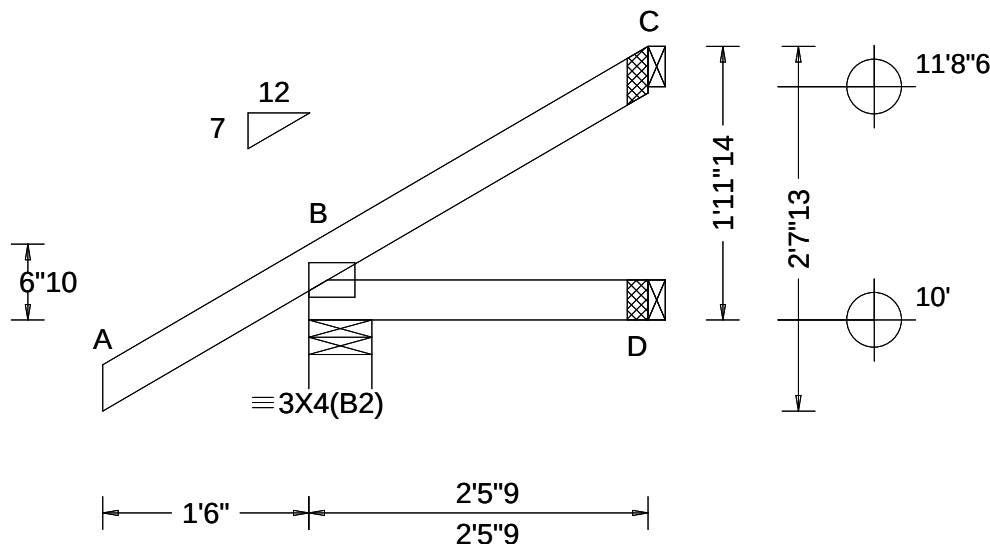
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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

SEQN: 45602 / FROM:	JACK Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J32	Cust: R 215 JRef: 1Y1S2150010 T195 DrwNo: 205.24.1159.12244 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.050 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 242 /- /- /176 /33 /75 D 44 /- /- /26 /- /- C 47 /- /- /32 /35 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

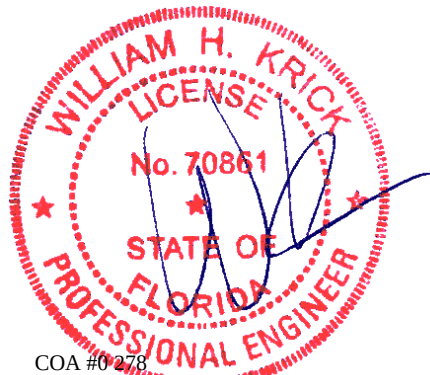
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



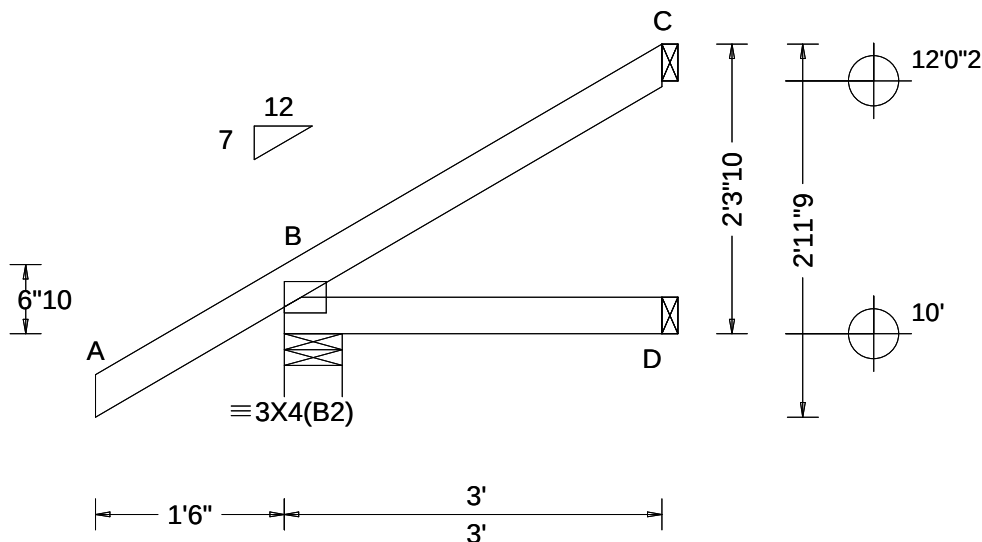
COA #0278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 45599 / FROM:	JACK Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J33	Cust: R 215 JRef: 1Y1S2150010 T197 DrwNo: 205.24.1159.13811 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.225 Max BC CSI: 0.080 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 258 /- /- /185 /31 /86 D 54 /- /- /31 /- /- C 68 /- /- /41 /45 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



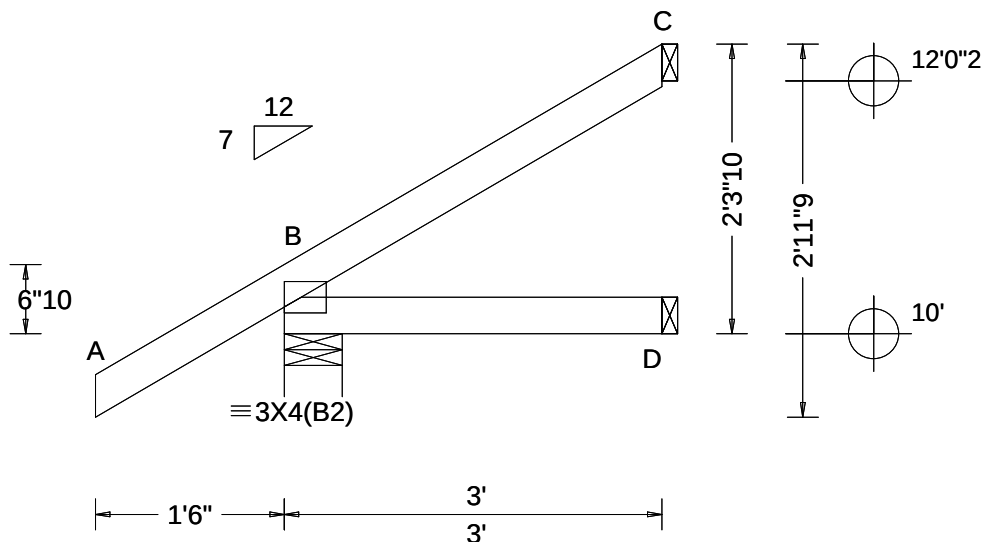
COA #0228

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

SEQN: 46169 / FROM:	EJAC Ply: 1 Qty: 7	Job Number: 24-1284 Logan Jack Truss Label: J34	Cust: R 215 JRef: 1Y1S2150010 T91 / DrwNo: 205.24.1159.13123 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.225 Max BC CSI: 0.080 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 258 /- /- /185 /31 /86 D 54 /- /- /31 /- /- C 68 /- /- /41 /45 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



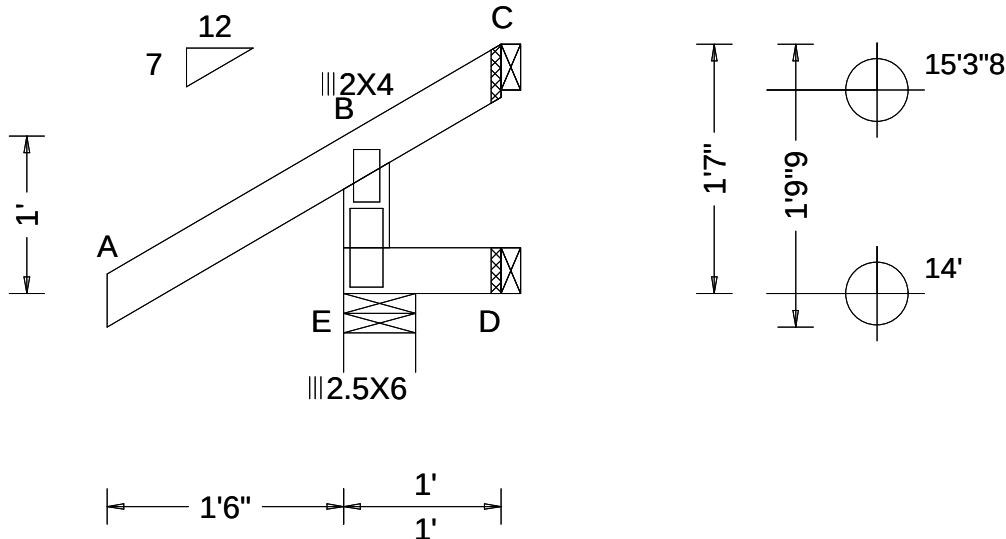
COA #0 278

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

SEQN: 46729 / FROM:	JACK Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J35	Cust: R 215 JRef: 1Y1S2150010 T83 / DrwNo: 205.24.1159.11038 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.260 Max BC CSI: 0.010 Max Web CSI: 0.139 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 220 /- /- /198 /76 /- D 20 /- /- /10 /- /- C - /-45 /- /53 /70 /44 Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 466 -210

Lumber

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

Wind

Wind loads based on MWFRS with additional C&C member design.
Left end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



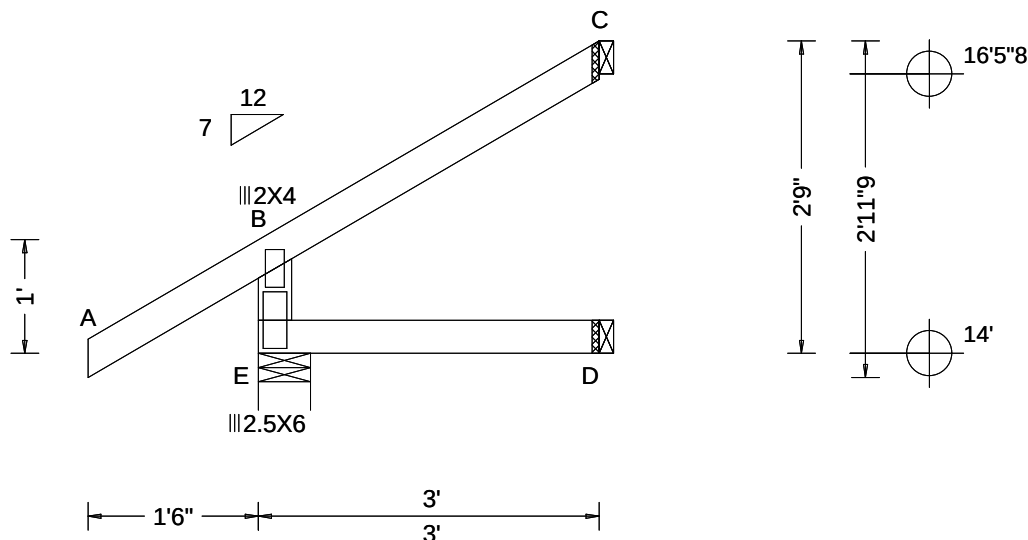
COA #0278

07/24/2024
Florida Certificate of Product Approval #FL 1999

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SEQN: 46727 / FROM:	JACK Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J36	Cust: R 215 JRef: 1Y1S2150010 T18 / DrwNo: 205.24.1159.12715 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.44 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.254 Max BC CSI: 0.098 Max Web CSI: 0.119 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 252 /- /- /213 /51 /- D 60 /- /- /30 /- /- C 69 /- /- /57 /18 /61 Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 398 -222

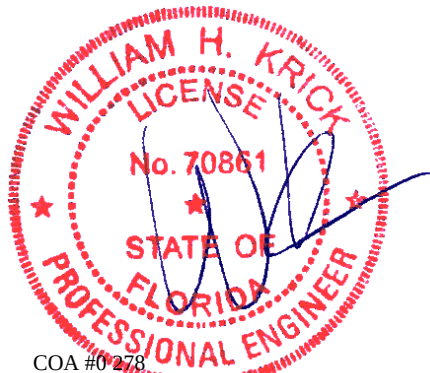
Lumber

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

Wind

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

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



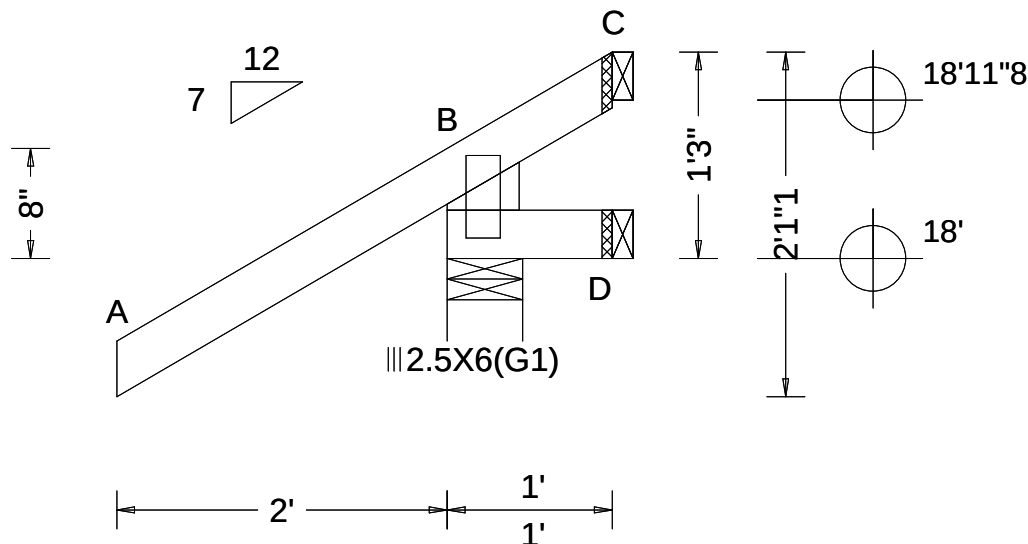
COA #0278

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

SEQN: 45575 / FROM:	JACK Ply: 1 Qty: 4	Job Number: 24-1284 Logan Jack Truss Label: J37	Cust: R 215 JRef: 1Y1S2150010 T39 / DrwNo: 205.24.1159.12276 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.38 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.491 Max BC CSI: 0.134 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 313 /- /- /256 /87 /60 D - /-38 /- /23 /31 /- C - /-56 /- /39 /56 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Stub Wedge: 2x4 SP #3;

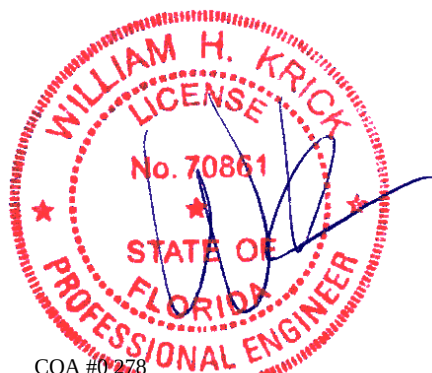
Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



COA #0 278

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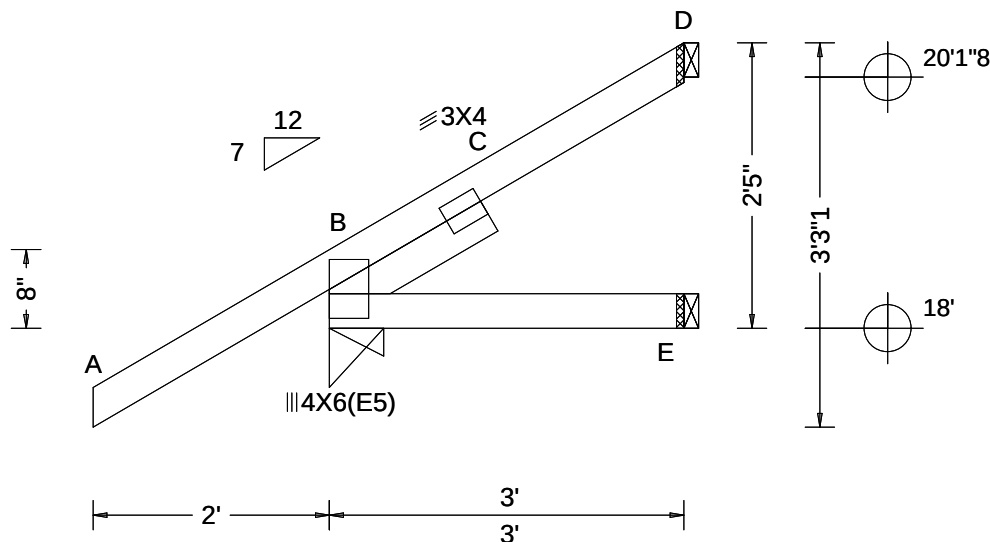
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SEQN: 46519 / FROM:	JACK Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J38	Cust: R 215 JRef: 1Y1S2150010 T71 / DrwNo: 205.24.1159.13217 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.96 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 C - - HORZ(TL): 0.005 C - - Creep Factor: 2.0 Max TC CSI: 0.474 Max BC CSI: 0.081 Max Web CSI: 0.066 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 305 /- /- /230 /43 /70 E 55 /- /- /28 /- /- D 52 /- /- /33 /30 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



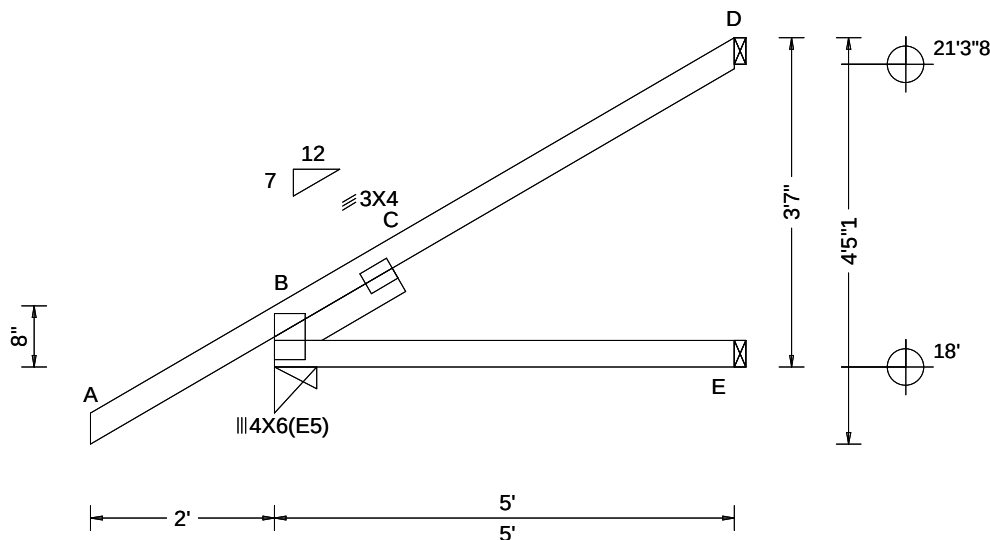
COA #0278

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Glenview, IL 60025

SEQN: 46521 / FROM:	EJAC Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J39	Cust: R 215 JRef: 1Y1S2150010 T69 / DrwNo: 205.24.1159.10990 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.54 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.016 C - - HORZ(TL): 0.031 C - - Creep Factor: 2.0 Max TC CSI: 0.509 Max BC CSI: 0.259 Max Web CSI: 0.282 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 371 /- /- /267 /25 /102 E 93 /- /- /50 /- /- D 127 /- /- /83 /54 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



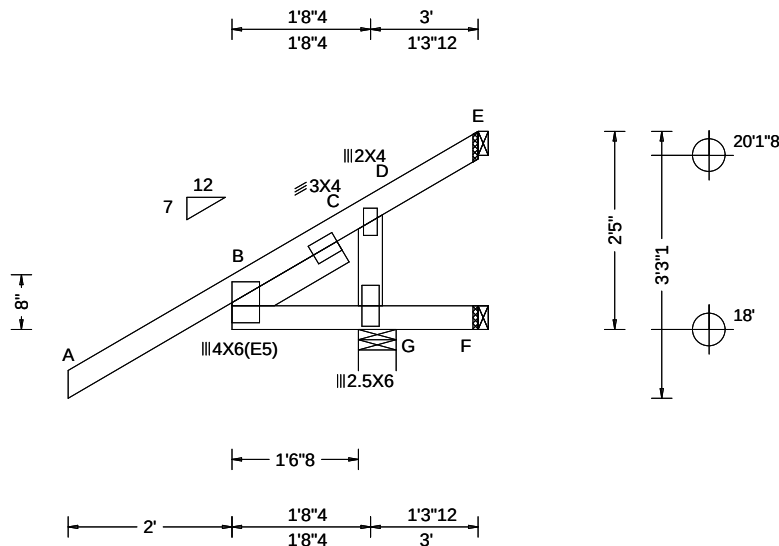
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SEQN: 46527 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J40	Cust: R 215 JRef: 1Y1S2150010 T57 / DrwNo: 205.24.1159.14157 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.96 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.071 B 309 240 VERT(CL): 0.137 B 160 180 HORZ(LL): -0.055 E - - HORZ(TL): 0.107 E - - Creep Factor: 2.0 Max TC CSI: 0.547 Max BC CSI: 0.567 Max Web CSI: 0.196 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL G 785 /- /- /657 /175 /109 F - /-237 /- /82 /209 /- E - /-186 /- /59 /154 /- Wind reactions based on MWFRS G Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. D - G 400 -354

Lumber

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

Wind

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

Additional Notes

Negative reaction(s) of -237# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



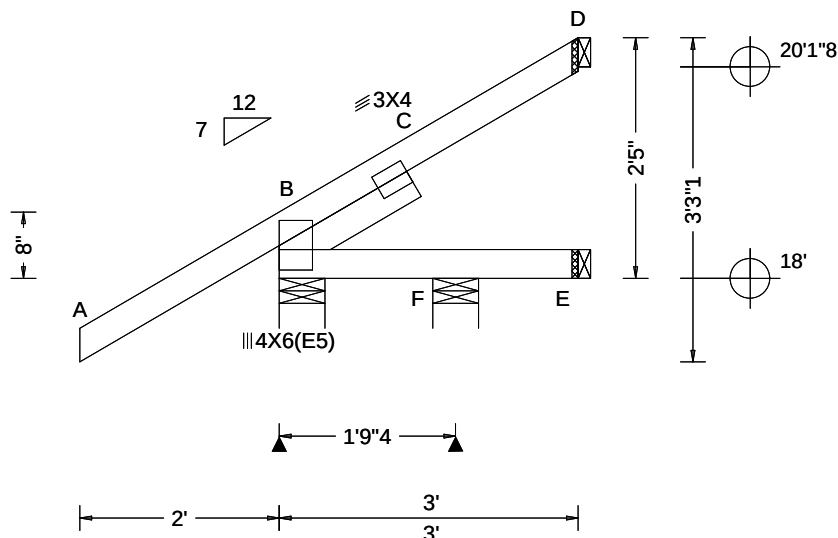
COA #0278

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

SEQN: 46529 / FROM:	JACK Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: J41	Cust: R 215 JRef: 1Y1S2150010 T5 / DrwNo: 205.24.1159.12960 NW / DF 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.96 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 C - - HORZ(TL): 0.005 C - - Creep Factor: 2.0 Max TC CSI: 0.474 Max BC CSI: 0.032 Max Web CSI: 0.048 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 291 /- /- /217 /65 /109 F 70 /- /- /39 /- /- E 17 /- /- /9 /- /- D 55 /- /- /31 /48 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearings B & F are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

Shim all supports to solid bearing.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



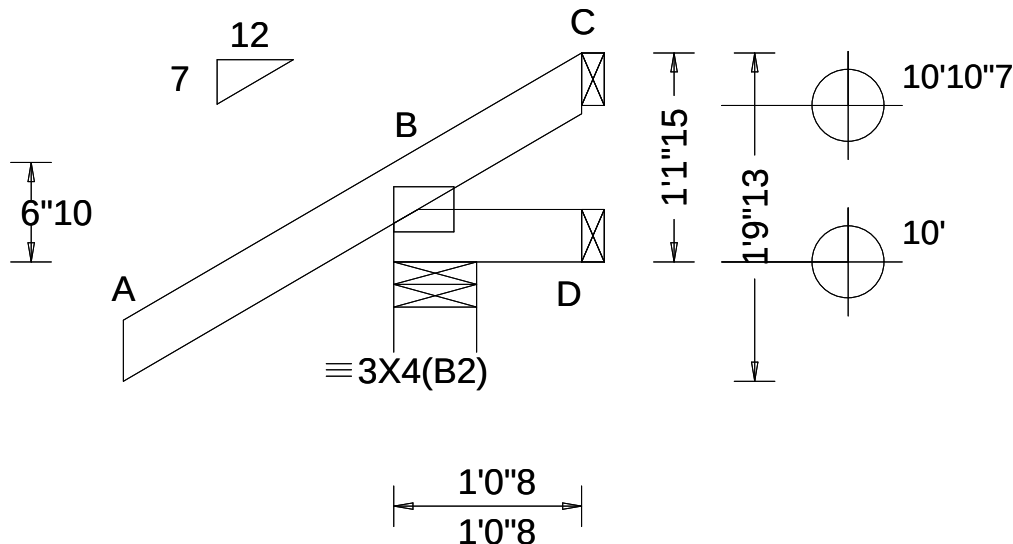
COA #0 278

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

SEQN: 104717 FROM:	JACK Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J42	Cust: R 215 JRef: 1Y1S2150010 T173 DrwNo: 205.24.1509.34073 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.225 Max BC CSI: 0.029 Max Web CSI: 0.000 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 233 /- /- /183 /51 /45 D 13 /-4 /- /12 /5 /- C - /-40 /- /30 /44 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.



COA #0278

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Glenview, IL 60025

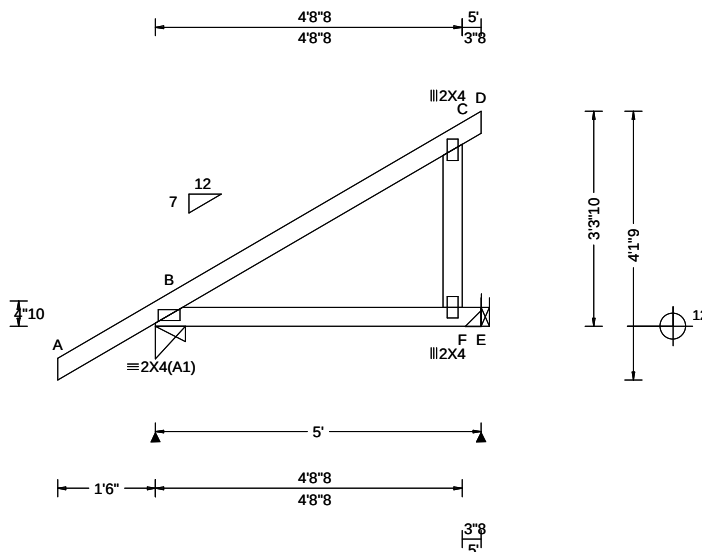
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	A 46 /- /- /27 /- /20
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B - -	C 19 /- /- /- /10 /- /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 B - -	B 30 /- /- /- /21 /19 /-
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.021	A Brg Wid = 5.5 Min Req = 1.5 (Truss)
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.009	C Brg Wid = 1.5 Min Req = -
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.000	B Brg Wid = 1.5 Min Req = -
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		Bearing A is a rigid surface.
	Loc. from endwall: not in 4.50 ft	Plate Type(s):		Members not listed have forces less than 375#
	GCpi: 0.18	WAVE		
	Wind Duration: 1.60		VIEW Ver: 23.02.01A.1204.18	

Wind loading based on both gable and hip roof types.



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SEQN: 105847 FROM:	EJAC Ply: 1 Qty: 2	Job Number: 24-1284 Logan Jack Truss Label: J44	Cust: R 215 JRef:1Y1S2150010 T133 DrwNo: 205.24.1509.43540 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 C - - HORZ(TL): 0.010 C - - Creep Factor: 2.0 Max TC CSI: 0.296 Max BC CSI: 0.232 Max Web CSI: 0.148 VIEW Ver: 23.02.01A.1204.18	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 335 /- /- /232 /33 /127 E 183 /- /- /132 /59 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Wind loading based on both gable and hip roof types.



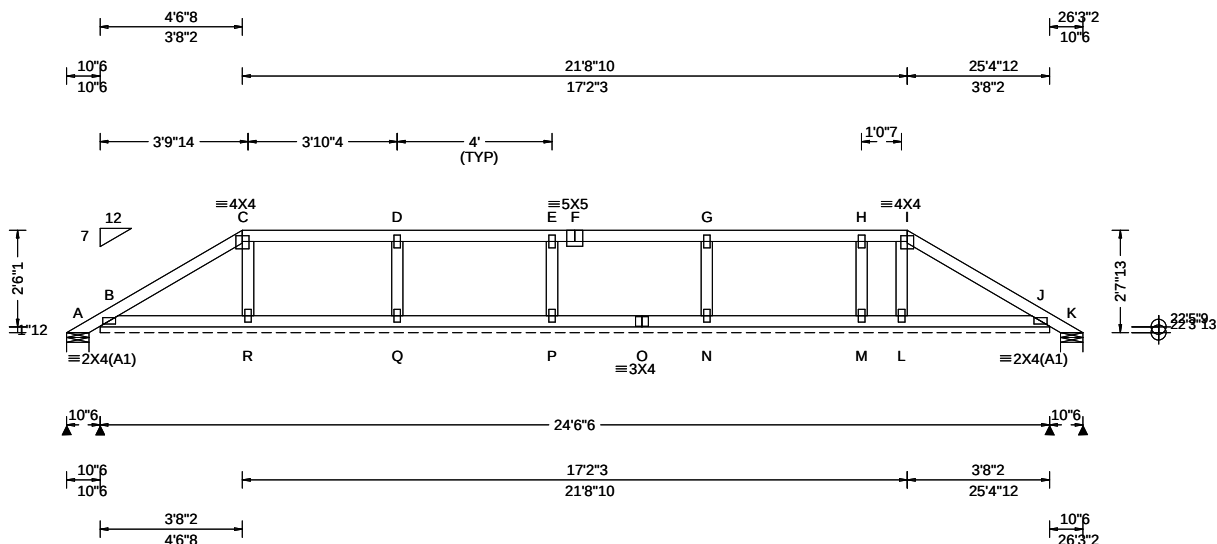
COA #0278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34063 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB01	Cust: R 215 JRef: 1Y1S2150010 T70 DrwNo: 205.24.1509.46547 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.98 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 5.02 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.002 B 999 180 HORZ(LL): 0.001 J - - HORZ(TL): 0.002 J - - Creep Factor: 2.0 Max TC CSI: 0.203 Max BC CSI: 0.061 Max Web CSI: 0.071 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-54 /- /61 /81 /72 B* 75 /- /- /48 /20 /- K - /-54 /- /23 /46 /- Q /-107 N /-101 Wind reactions based on MWFRS A Brg Wid = 6.9 Min Req = 1.5 (Truss) B Brg Wid = 294 Min Req = - K Brg Wid = 6.9 Min Req = 1.5 (Truss) Bearings A, B, & K are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

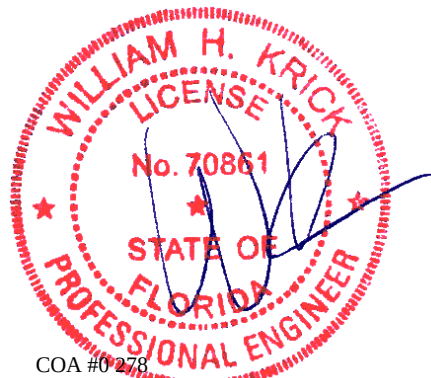
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



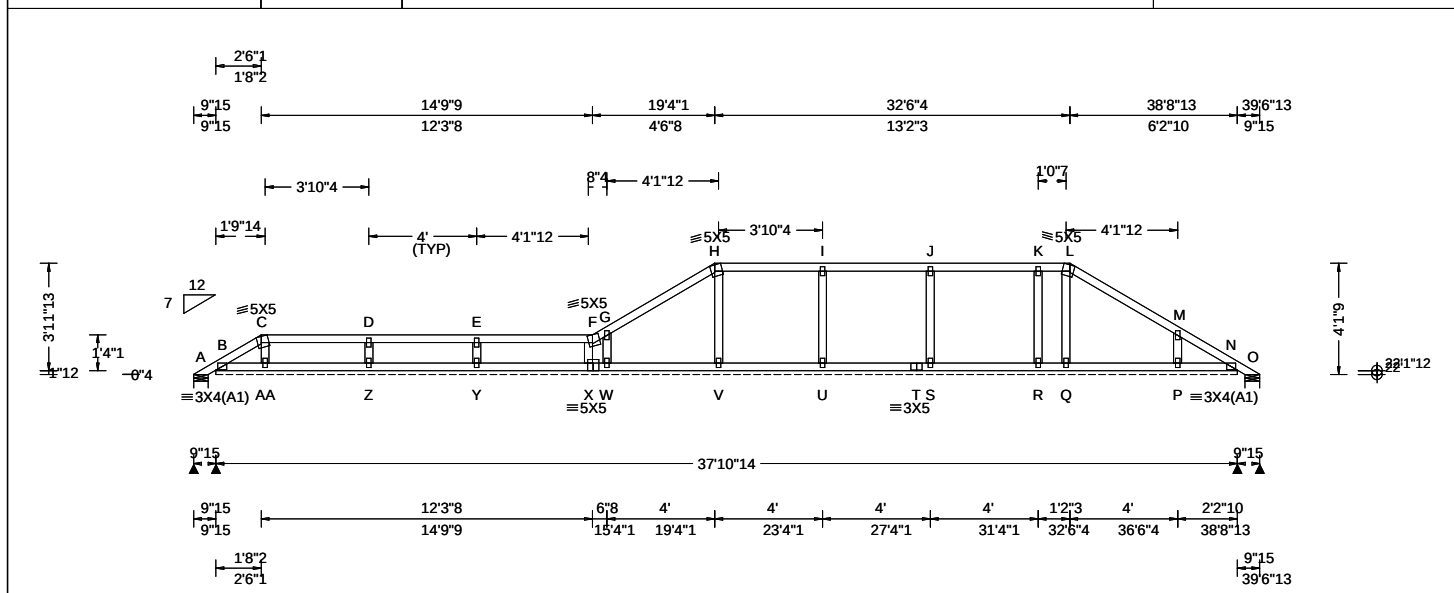
COA #0 278

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North Building, 4th Floor
Glenview, IL 60025

SEQN: 34025 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB02	Cust: R 215 JRef: 1Y1S2150010 T97 DrwNo: 205.24.1509.48253 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 23.34 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.13 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 I 999 240 VERT(CL): 0.002 I 999 180 HORZ(LL): 0.002 M - - HORZ(TL): 0.003 M - - Creep Factor: 2.0 Max TC CSI: 0.206 Max BC CSI: 0.053 Max Web CSI: 0.085 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 15 /- /- /66 /54 /112 B* 68 /- /- /44 /18 /- O 29 /- /- /23 /7 /- AA /-105 Z /-225 Y /-216 W /-201 U /-230 S /-208 R /-170 P /-186

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

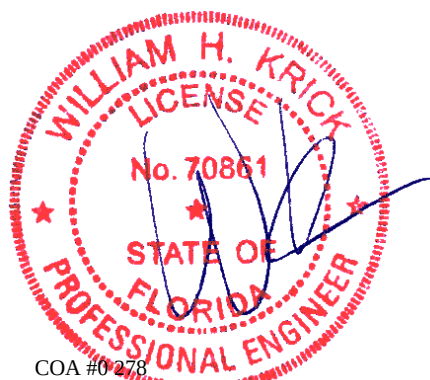
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



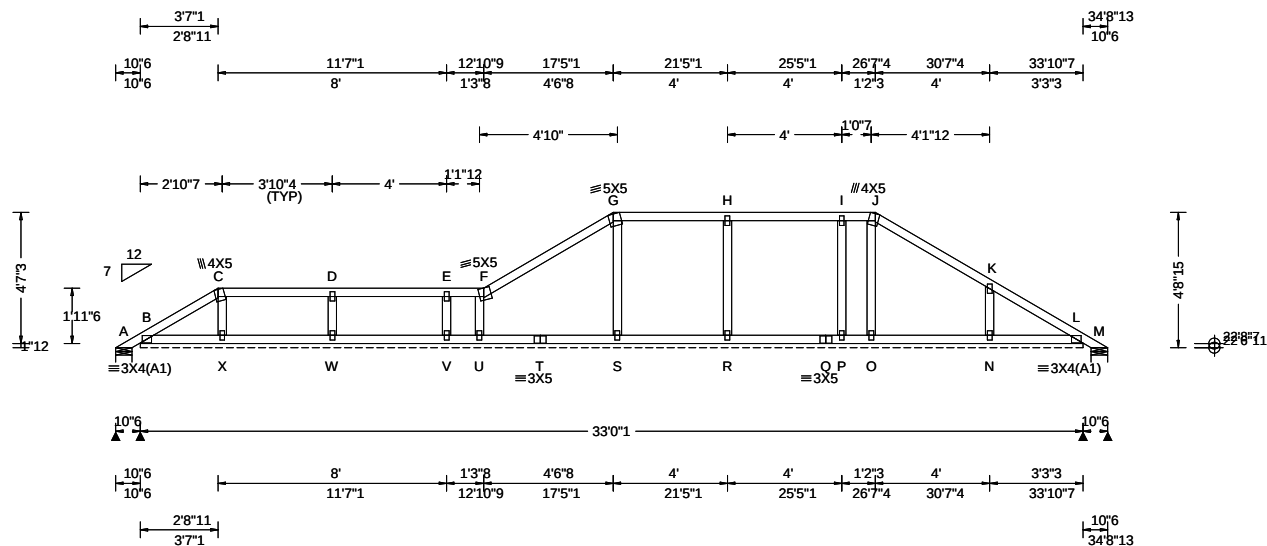
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SEQN: 34030 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB03	Cust: R 215 JRef: 1Y1S2150010 T104 DrwNo: 205.24.1509.49637 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 23.92 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.03 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 H 999 240 VERT(CL): 0.002 H 999 180 HORZ(LL): 0.002 K - - HORZ(TL): 0.003 K - - Creep Factor: 2.0 Max TC CSI: 0.285 Max BC CSI: 0.050 Max Web CSI: 0.112 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-13 /- /77 /75 /130 B* 70 /- /- /46 /16 /- M 4 /- /- /5 /2 /- X /-129 W /-240 U /-205 R /-241 P /-172 N /-193 Wind reactions based on MWFRS A Brg Wid = 6.9 Min Req = 1.5 (Truss) B Brg Wid = 396 Min Req = - M Brg Wid = 6.9 Min Req = 1.5 (Truss) Bearings A, B, & M are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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

Refer to DWG PB160220723 for piggyback details.



COA #0278

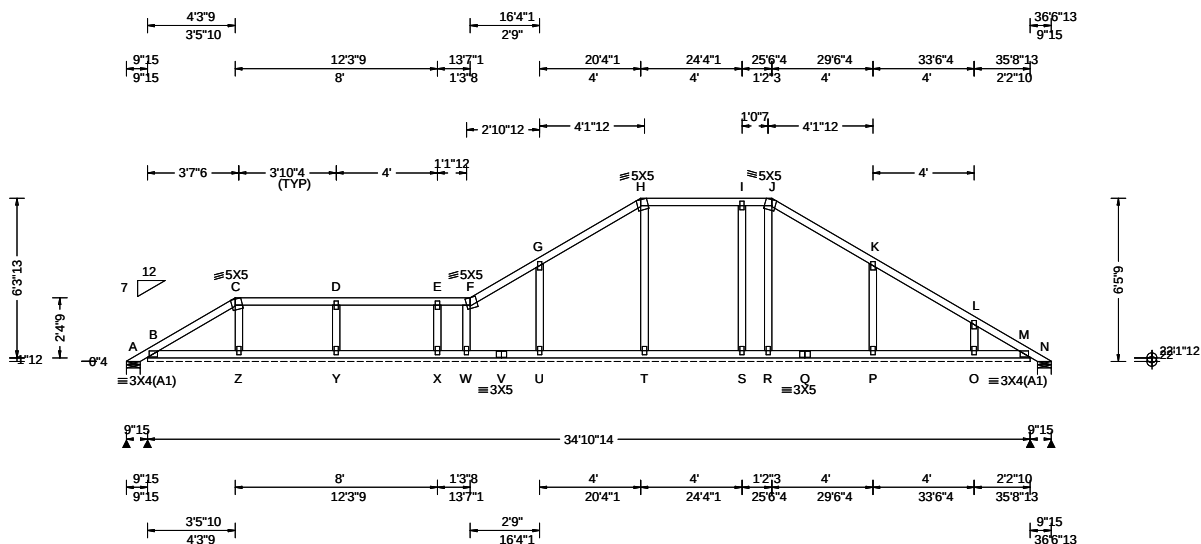
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34037 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB04	Cust: R 215 JRef: 1Y1S2150010 T90 DrwNo: 205.24.1509.51050 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 24.88 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.13 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.002 I 999 240 VERT(CL): 0.003 I 999 180 HORZ(LL): 0.003 K - - HORZ(TL): 0.005 K - - Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.064 Max Web CSI: 0.184 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL A - /-43 /- /115 /127 /181 B* 70 /- /- /47 /16 /- N 20 /- /- /14 /2 /- B /-134 Z /-139 Y /-241 X /-159 U /-205 S /-211 P /-208 O /-148

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

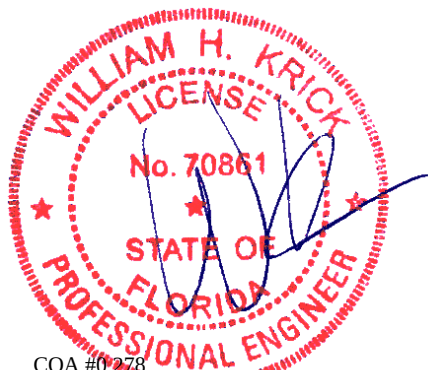
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



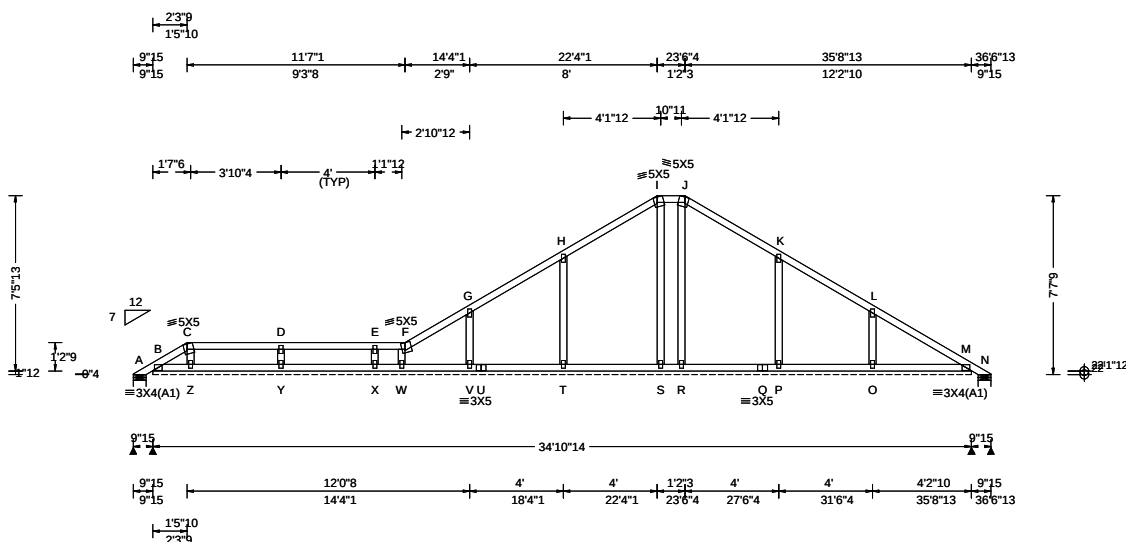
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34013 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB05	Cust: R 215 JRef: 1Y1S2150010 T101 DrwNo: 205.24.1509.52470 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 24.93 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.13 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 H 999 240 VERT(CL): 0.002 H 999 180 HORZ(LL): 0.004 K - - HORZ(TL): 0.006 K - - Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.064 Max Web CSI: 0.140 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL A 18 /- /- /119 /106 /215 B* 70 /- /- /147 /12 /- N - /-49 /- /28 /47 /- Z /-123 Y /-242 X /-155 V /-171 T /-212 P /-204 O /-171 M /-133

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

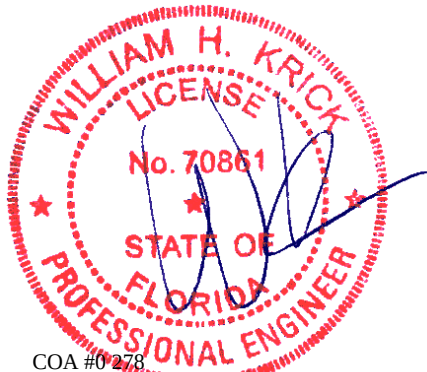
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



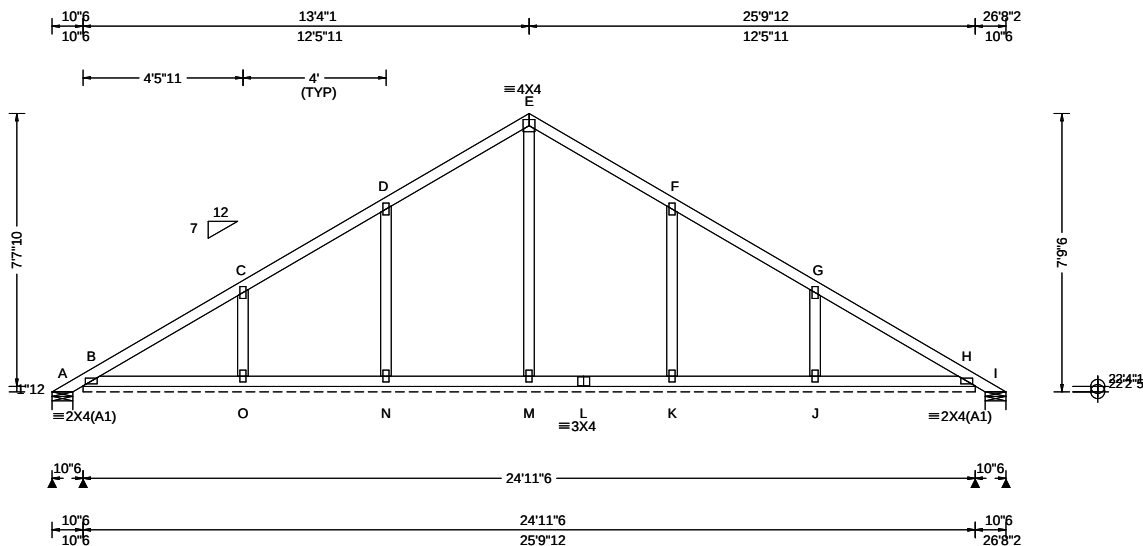
COA #0278

07/24/2024
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34009 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB06	Cust: R 215 JRef: 1Y1S2150010 T100 DrwNo: 205.24.1509.54060 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 22.49 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.74 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.002 B 999 240 VERT(CL): 0.003 B 999 180 HORZ(LL): 0.003 F - - HORZ(TL): 0.005 F - - Creep Factor: 2.0 Max TC CSI: 0.206 Max BC CSI: 0.080 Max Web CSI: 0.171 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL A - /-61 /- /140 /168 /218 B* 75 /- /- /53 /12 /- I - /-61 /- /34 /59 /- K /-100 Wind reactions based on MWFRS A Brg Wid = 6.9 Min Req = 1.5 (Truss) B Brg Wid = 299 Min Req = - I Brg Wid = 6.9 Min Req = 1.5 (Truss) Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



COA #0 278

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Glenview, IL 60025

SEQN: 33993	COMN	Ply: 1	Job Number: 24-1284	Cust: R 215	JRef: 1Y1S2150010	T159
FROM:		Qty: 3	Logan Jack	DrwNo: 205.24.1509.55440		
			Truss Label: PB07	AK / WHK	07/23/2024	

Lumber

Plating Notes

Loading

Wind

Wind loading based on both gable and hip roof types.

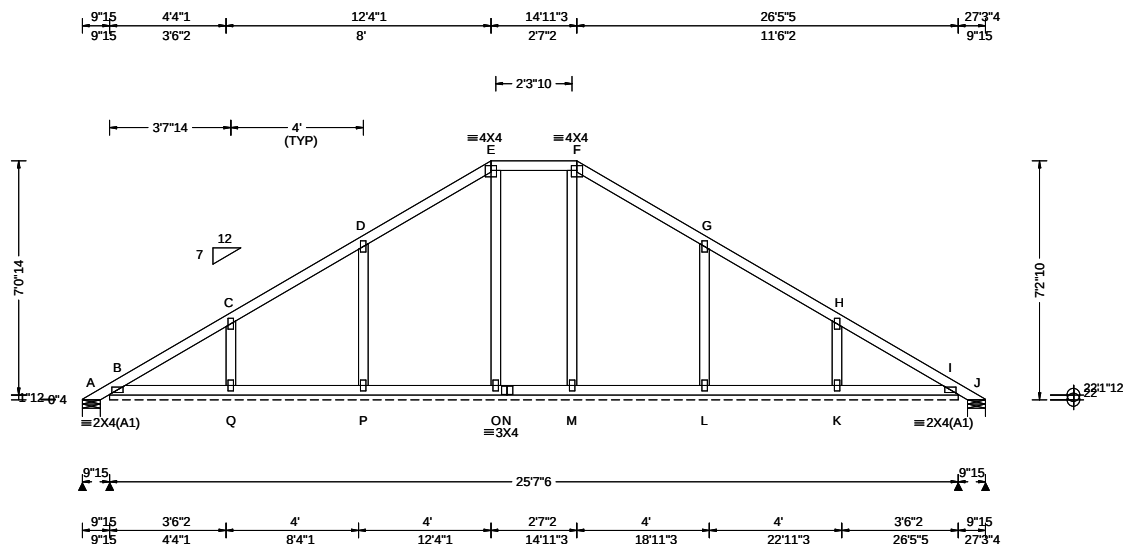
Additional Notes



07/24/2024
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SEQN: 33998 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB08	Cust: R 215 JRef: 1Y1S2150010 T166 DrwNo: 205.24.1509.57043 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 21.67 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.78 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 D 999 240 VERT(CL): 0.002 D 999 180 HORZ(LL): 0.003 G - - HORZ(TL): 0.004 G - - Creep Factor: 2.0 Max TC CSI: 0.198 Max BC CSI: 0.064 Max Web CSI: 0.147 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-21 /- /119 /125 /202 B* 72 /- /- /51 /10 /- J - /-21 /- /17 /24 /- Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 307 Min Req = - J Brg Wid = 6.5 Min Req = 1.5 (Truss) Bearings A, B, & J are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

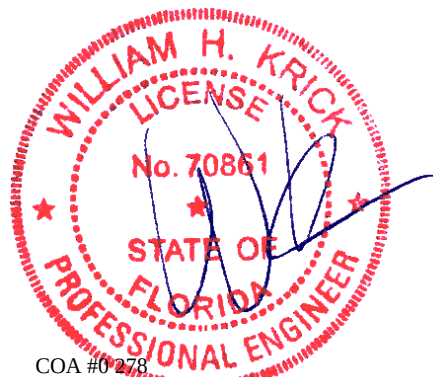
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



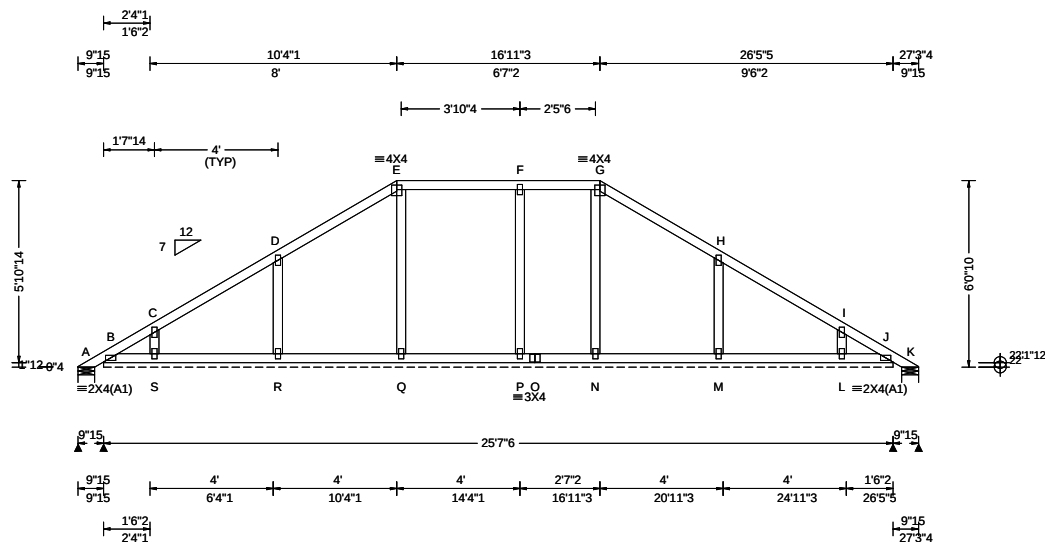
COA #0 278

07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33988 FROM:	COMN Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB09	Cust: R 215 JRef: 1Y1S2150010 T168 DrwNo: 205.24.1509.58380 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 21.09 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.78 ft Loc. from endwall: not in 13.00 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.002 F 999 240 VERT(CL): 0.003 F 999 180 HORZ(LL): 0.002 H - - HORZ(TL): 0.003 H - - Creep Factor: 2.0 Max TC CSI: 0.206 Max BC CSI: 0.060 Max Web CSI: 0.165 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 26 /- /- /98 /81 /168 B* 68 /- /- /47 /12 /- K 26 /- /- /20 /4 /- P /-103 Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 307 Min Req = - K Brg Wid = 6.5 Min Req = 1.5 (Truss) Bearings A, B, & K are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

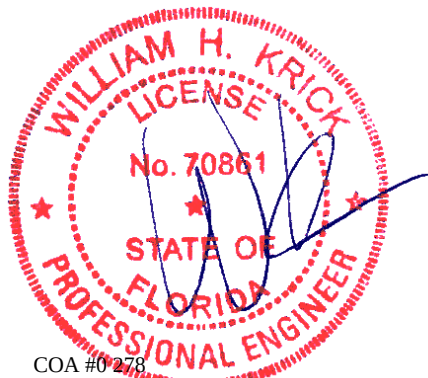
Wind

Wind loads based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



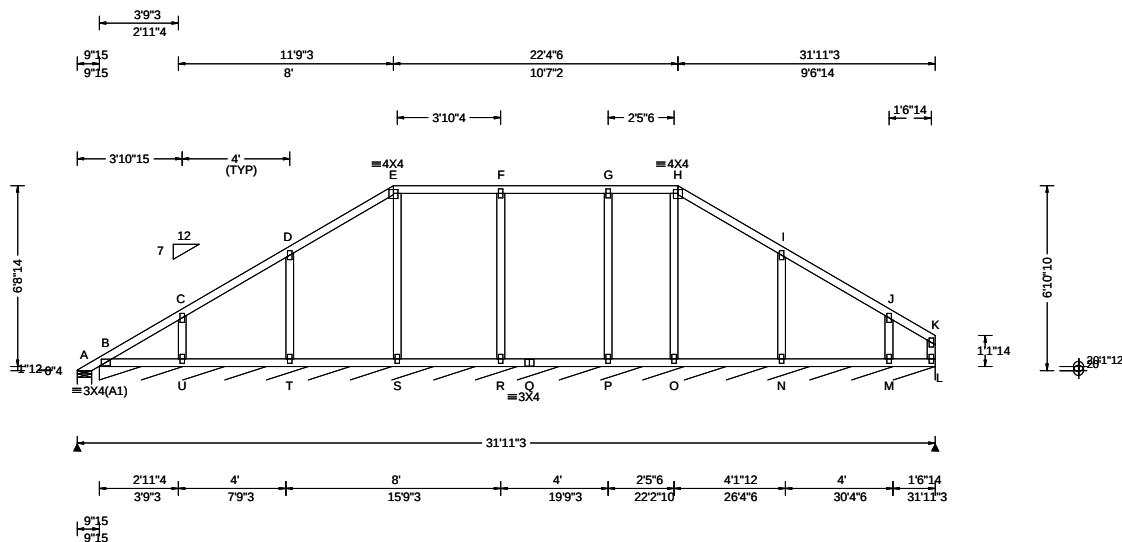
COA #0278

07/24/2024
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33936 FROM:	COMN	Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB10	Cust: R 215 JRef: 1Y1S2150010 T213 DrwNo: 205.24.1509.59753 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 23.45 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.82 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.002 F 999 240 VERT(CL): 0.003 F 999 180 HORZ(LL): 0.004 J - - HORZ(TL): 0.006 I - - Creep Factor: 2.0 Max TC CSI: 0.211 Max BC CSI: 0.115 Max Web CSI: 0.239 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL A 3 /-12 /- /104 /102 /191 B* 85 /- /- /47 /10 /- U /-117 T /-162 R /-258 P /-190 N /-162 M /-130 Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 373 Min Req = - Bearings A & B are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

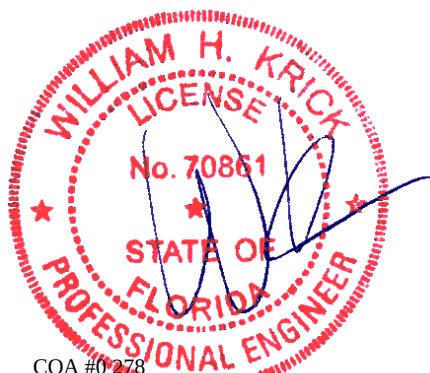
Wind

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.

See Detail PB160220723 for piggyback details.



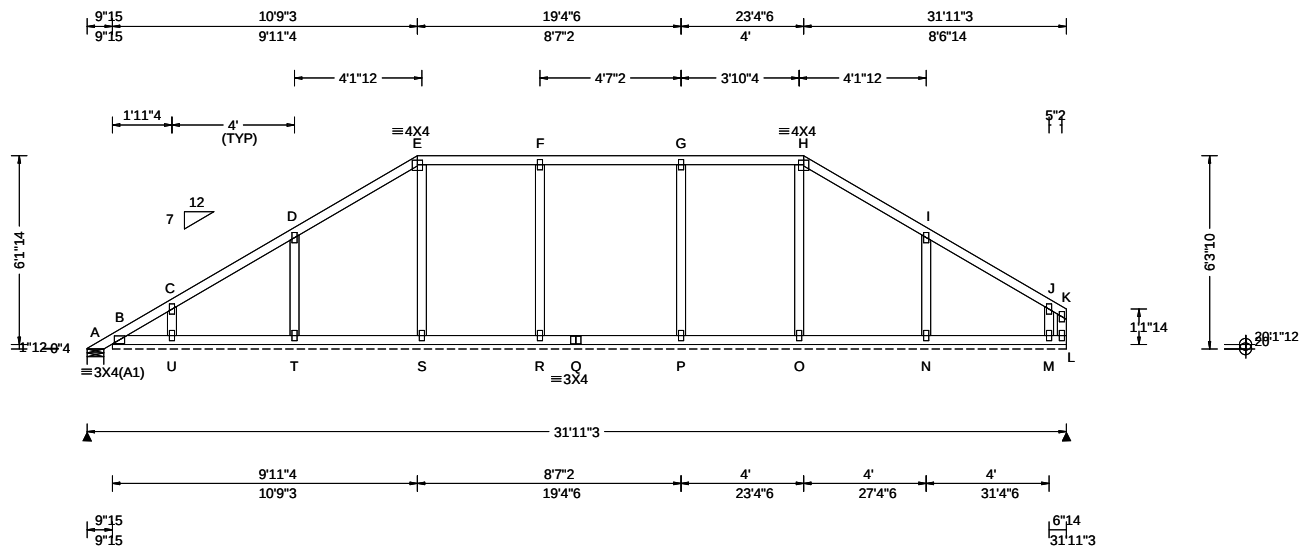
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105869 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB11	Cust: R 215 JRef: 1Y1S2150010 T215 DrwNo: 205.24.1510.13543 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: 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: 4.82 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.002 G 999 240 VERT(CL): 0.003 G 999 180 HORZ(LL): 0.003 I - - HORZ(TL): 0.005 I - - Creep Factor: 2.0 Max TC CSI: 0.224 Max BC CSI: 0.091 Max Web CSI: 0.202 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 22 /- /- /96 /74 /172 B* 68 /- /- /67 /10 /- R /-106 L /-126 Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 373 Min Req = - Bearings A & B are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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

Refer to DWG PB160220723 for piggyback details.



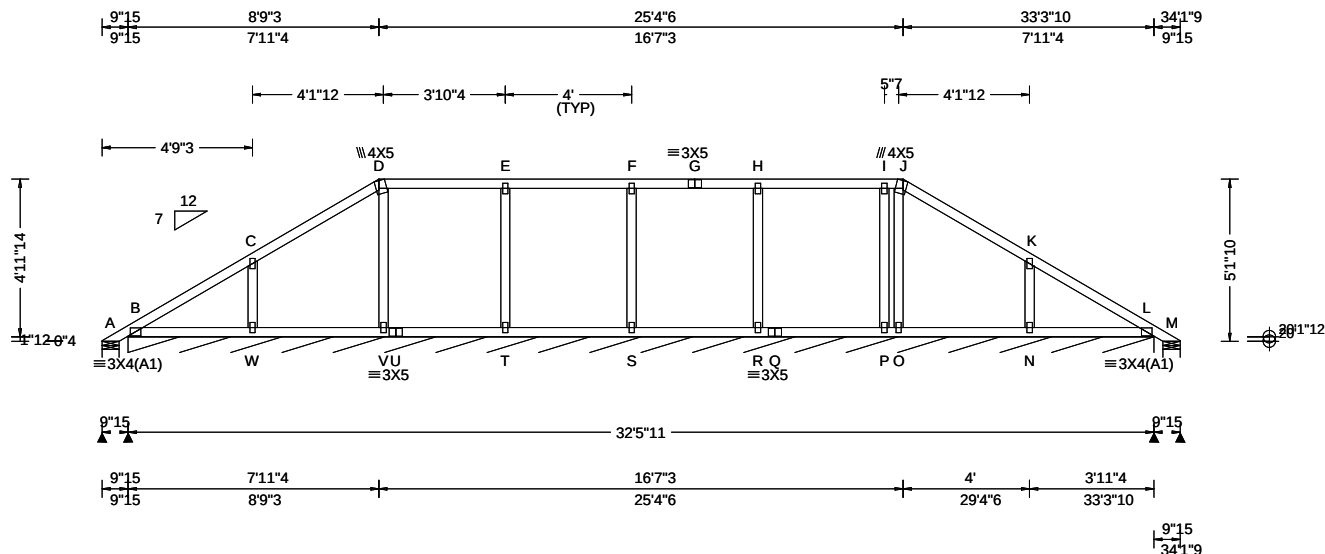
COA #0 278

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

SEQN: 34452 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB12	Cust: R 215 JRef: 1Y1S2150010 T179 DrwNo: 205.24.1510.14937 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF						
				Gravity			Non-Gravity			
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 22.58 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 5.04 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 E 999 240 VERT(CL): 0.002 E 999 180 HORZ(LL): 0.002 K - - HORZ(TL): 0.003 K - - Creep Factor: 2.0 Max TC CSI: 0.222 Max BC CSI: 0.120 Max Web CSI: 0.131 VIEW Ver: 23.02.01A.1204.18	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
				A	-	/-35	/-	/81	/101	/140
				B*	88	/-	/-	/47	/12	/-
				M	-	/-35	/-	/10	/31	/-
				W		/-164				
				T		/-228				
				S		/-186				
				R		/-223				
				P		/-191				
				N		/-164				

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

In lieu of structural panels use purlins to brace 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.

See Detail PB160220723 for piggyback details.



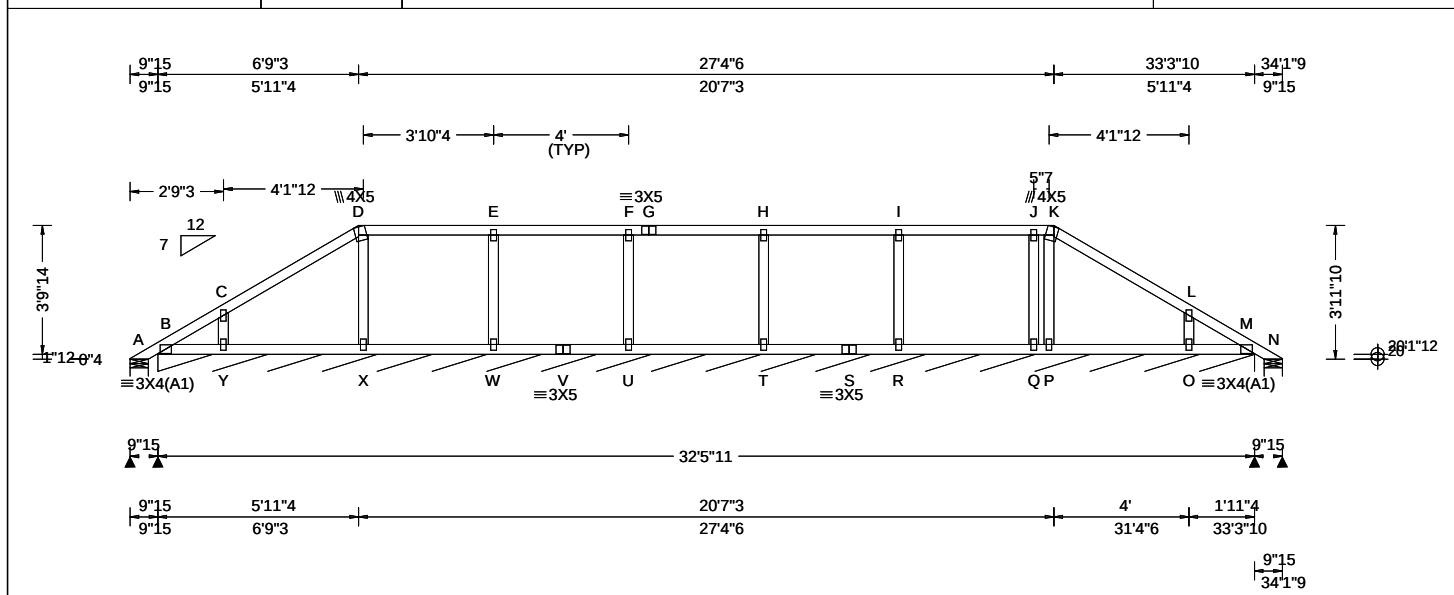
COA #0278

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SEQN: 34459 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB13	Cust: R 215 JRef: 1Y1S2150010 T202 DrwNo: 205.24.1510.26533 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 21.99 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 5.04 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 E 999 240 VERT(CL): 0.002 E 999 180 HORZ(LL): 0.002 L - - HORZ(TL): 0.002 L - - Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.116 Max Web CSI: 0.084 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 31 /- /- /59 /49 /107 B* 84 /- /- /44 /13 /- N 30 /- /- /18 /9 /- Y /-156 W /-233 U /-194 T /-198 R /-212 Q /-189 O /-155

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

Plating Notes
All plates are 2X4 except as noted.

Purlins
In lieu of structural panels use purlins to brace 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.
See Detail PB160220723 for piggyback details.



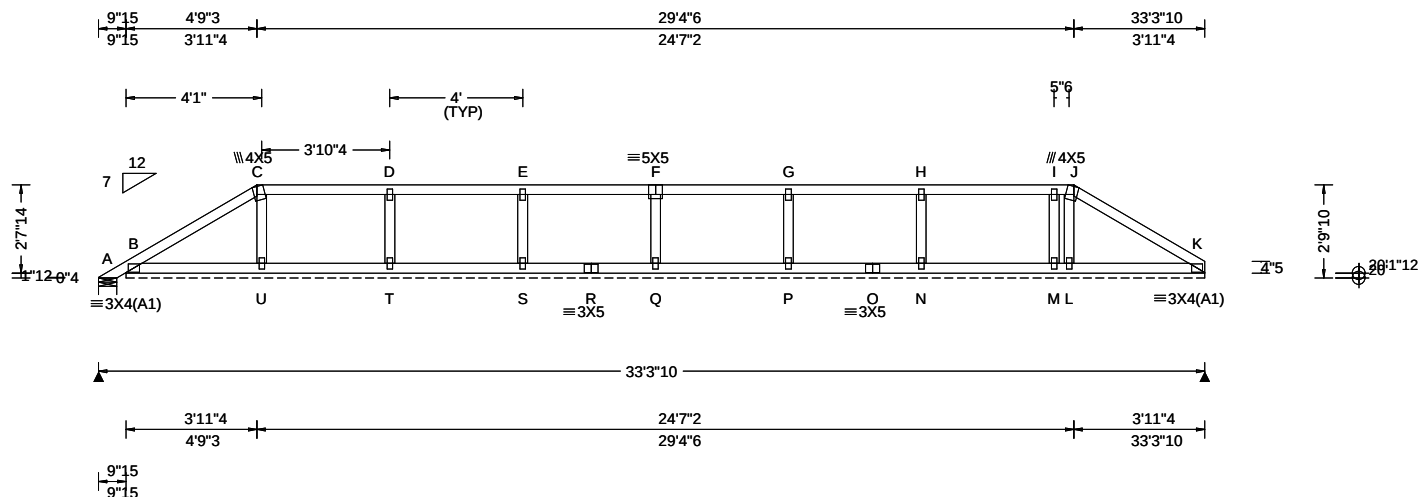
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SEQN: 34003 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 24-1284 Logan Jack Truss Label: PB14	Cust: R 215 JRef: 1Y1S2150010 T102 DrwNo: 205.24.1510.28650 AK / WHK 07/23/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.03 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.95 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.003 K 999 240 VERT(CL): 0.005 K 999 180 HORZ(LL): -0.002 K - - HORZ(TL): 0.004 K - - Creep Factor: 2.0 Max TC CSI: 0.202 Max BC CSI: 0.137 Max Web CSI: 0.068 VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A - /-68 /- /63 /108 /74 B* 70 /- /- /66 /14 /- Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 389 Min Req = - Bearings A & B are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

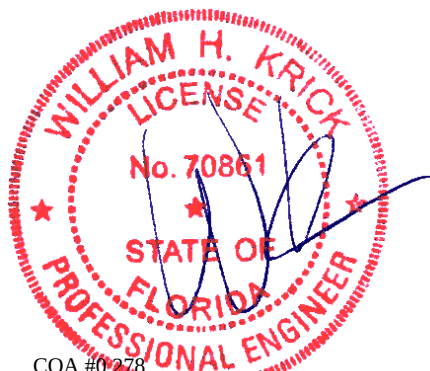
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



COA #0278

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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.

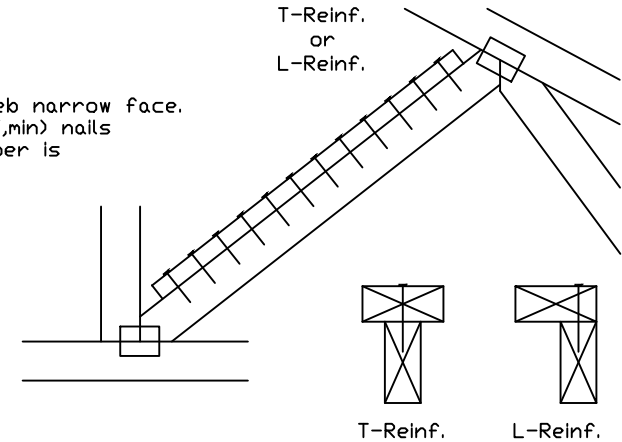
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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.

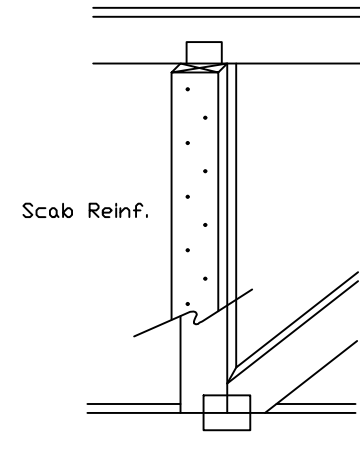
T-Reinforcement or L-Reinforcement:

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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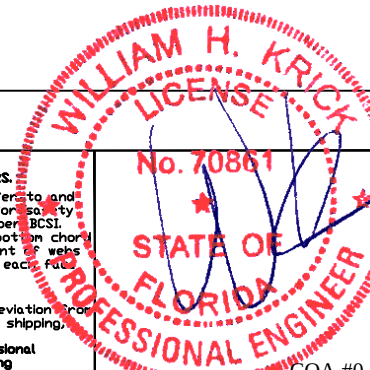
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TC LL	PSF	REF CLR Subst.
TC DL	PSF	DATE 01/02/19
BC DL	PSF	DRWG BRCLBSUB0119
BC LL	PSF	
TOT. LD.	PSF	
COA #0278	DUR: 4/10/24	
Florida Certificate of Product Approval #FL 1999	SPACING	

Commentary: Deflection and Camber

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

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

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

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

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

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

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

Recommended Truss Deflection Limits

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

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

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

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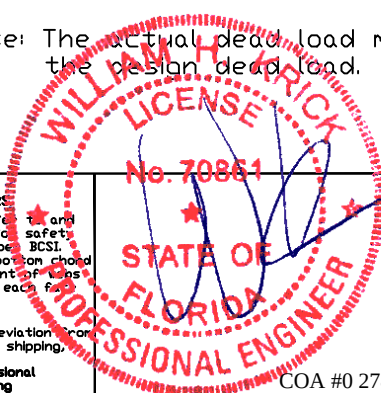
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COA #0 278 07/24/2024
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REF	DEFLEC/CAMB
DATE	10/01/14
DRWG	DEFLCAMB1014

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

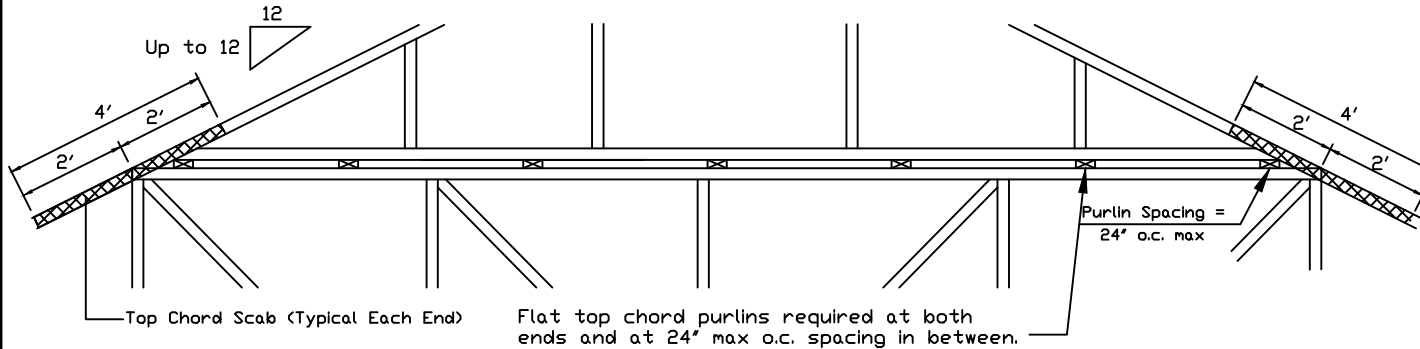
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building designer shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24' o.c. Detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

** Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Detail A : Purlin Spacing = 24" o.c. or less

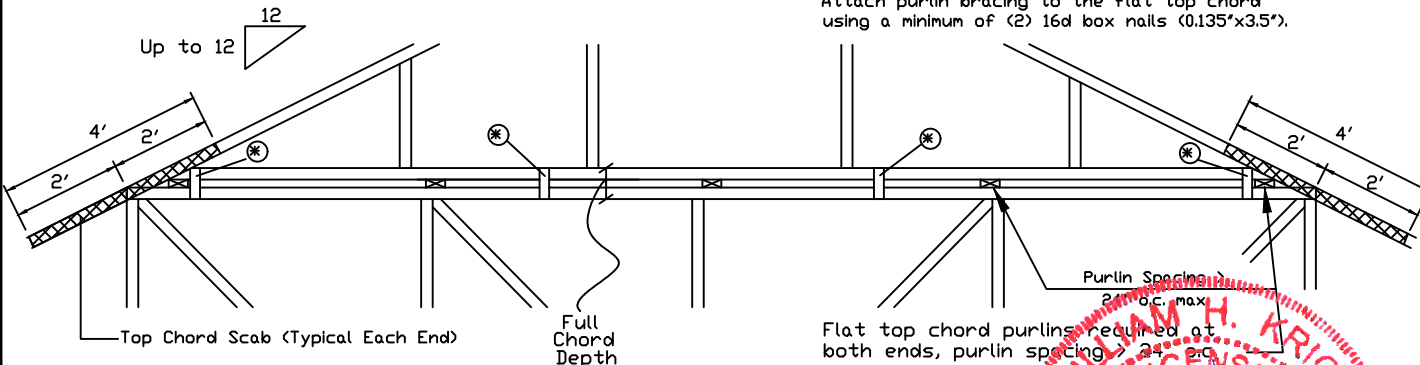


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulox plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

Detail B : Purlin Spacing > 24" o.c.



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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

* In addition, provide connection with one of the following methods:

Trulox

Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

APA Rated Gusset

8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

2x4 Vertical Scabs

2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.

28PB Wave Piggyback Plate

One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.

Note: If purlins or sheathing are not specified on the flat top of the base truss, purlins must be installed at 24' o.c. max. and use Detail A.

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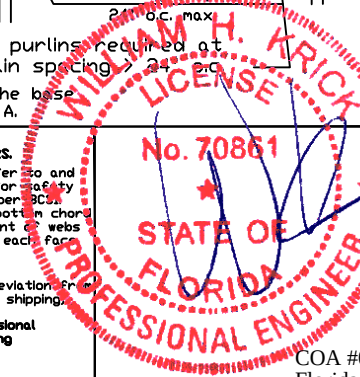
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Glenview, IL 60025



COA #0 278
Florida Certified

07/24/2024
SPACING 24.0"

REF PIGGYBACK
DATE 07/03/2023
DRWG PB160220723

999

NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)

B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

A - EDGE DISTANCE (6 NAIL DIAMETERS)

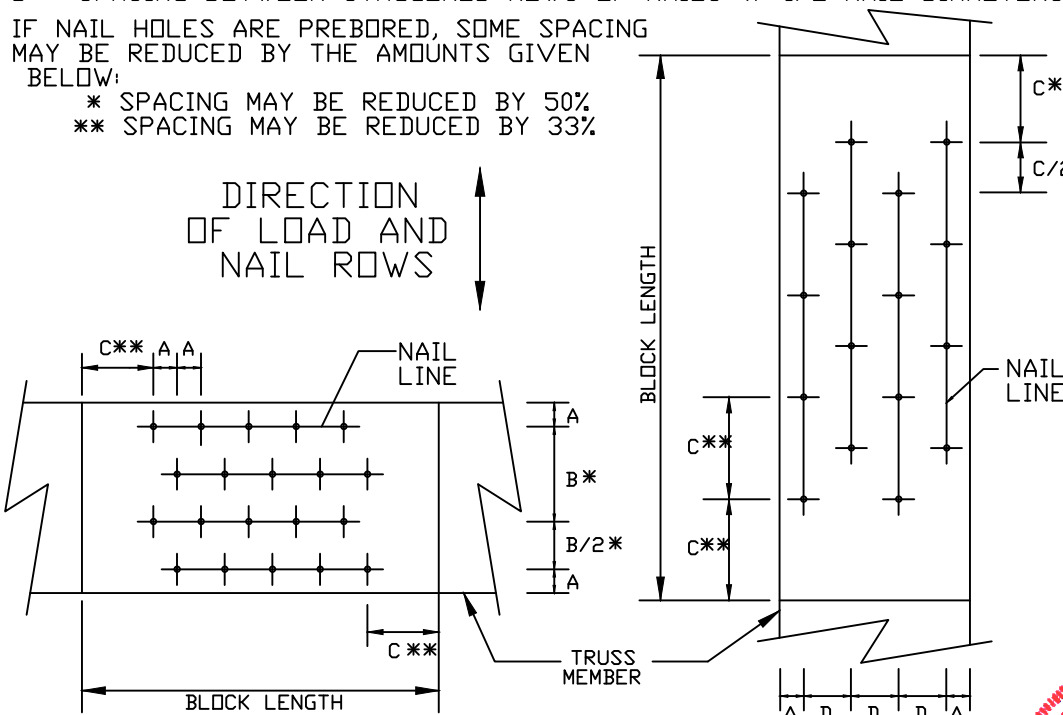
C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)

D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:

* SPACING MAY BE REDUCED BY 50%

** SPACING MAY BE REDUCED BY 33%



MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128"X 3",MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148"X 3",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162"X 3.5",MIN)	1"	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120"X 3",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3",MIN)	7/8"	1 5/8"	2"	1"

LOAD APPLIED PERPENDICULAR TO GRAIN

LOAD APPLIED PARALLEL TO GRAIN

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 of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

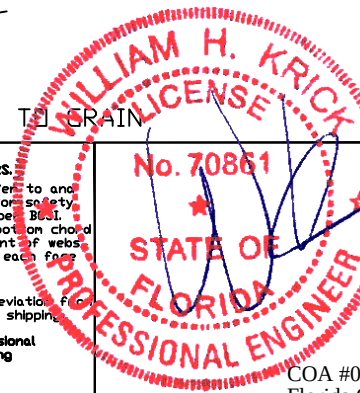
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites:
 ALPINE: www.alpineitw.com; TPI: www.tpinet.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org



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



COA #0 278

Florida Certificate of Product Approval #FL 1999

07/24/2024

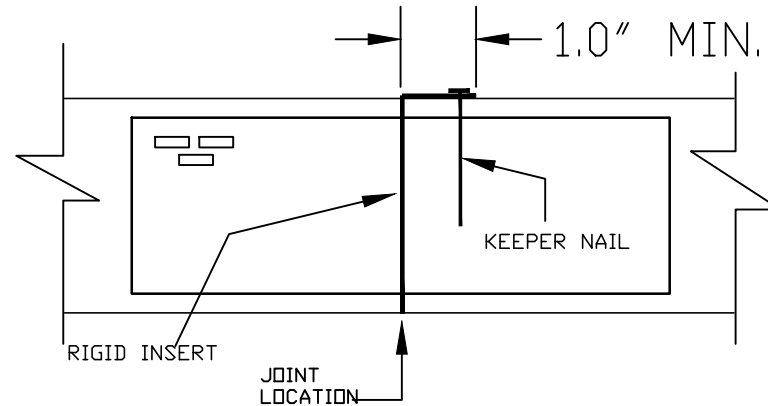
REF NAIL SPACE
 DATE 10/01/14
 DRWG CNNAILSP1014

RIGID INSERT DETAIL - REINFORCEMENT FOR HIGH STRESS COMPRESSION JOINTS

THIS DETAIL IS TO BE USED WHEN STRESS AT A COMPRESSION SPLICE EXCEEDS 75% OF THE ALLOWABLE COMPRESSION STRESS PER TPI 1 SECTION 7.3.9.2

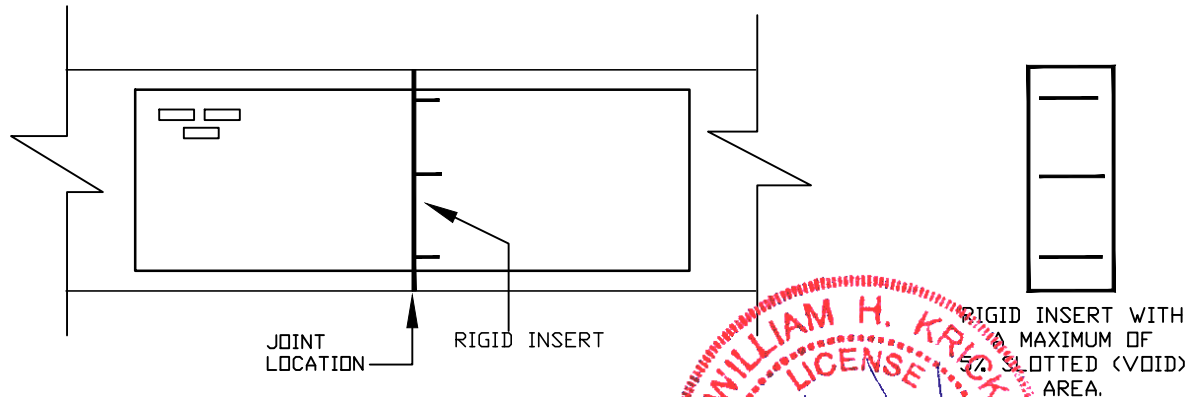
OPTION #1:

APPLY A 20 GAGE MINIMUM METAL INSERT BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER THE JOINT BEARING AREA. BEND RIGID INSERT OVER THE TOP OR BOTTOM OF THE COMPRESSION MEMBER A MINIMUM OF 1" AND SECURE IN PLACE WITH A KEEPER NAIL. KEEPER NAIL IS TO BE SIZED AND SPACED TO AVOID SPLITTING OF THE LUMBER.



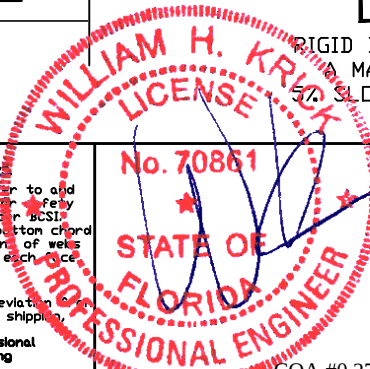
OPTION #2:

APPLY A 20 GAGE MINIMUM METAL INSERT WITH SLOTTED TEETH BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER THE JOINT BEARING AREA. HAMMER RIGID INSERT SECURELY IN PLACE AND FLUSH WITH BUTTED END.



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*****WARNING*** READ AND FOLLOW ALL NOTES ON THIS DRAWING**
*****IMPORTANT*** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLER**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation of this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.
A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
For more information see this Job's general notes page and these web sites:
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COA #0 278
Florida Certified

TC LL	PSF	REF RIGID INSERT
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG RIGINSRT1014
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		
Impact Approval #FL 1999		