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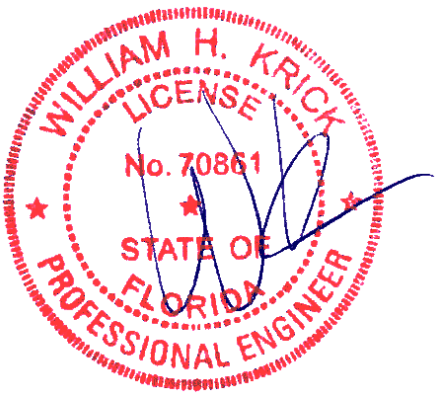

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COA #0 278

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 *Building Type:* Closed	*Design Loading (psf):* 40.00

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

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	205.24.1159.13905	A01	2	205.24.1159.14360	A02
3	205.24.1159.11053	A03	4	205.24.1159.12401	A04
5	205.24.1159.12119	A05	6	205.24.1159.11978	A06
7	205.24.1159.10708	A07	8	205.24.1159.13451	A08
9	205.24.1159.14235	A09	10	205.24.1159.13922	A10
11	205.24.1456.45663	B01	12	205.24.1458.11397	B02
13	205.24.1459.22597	B03	14	205.24.1459.26613	B04
15	205.24.1459.35280	B05	16	205.24.1459.43430	B06
17	205.24.1459.47373	B07	18	205.24.1459.50557	B08
19	205.24.1459.54797	B09	20	205.24.1459.57983	B10
21	205.24.1500.01423	B11	22	205.24.1500.05203	B12
23	205.24.1500.09020	B13	24	205.24.1500.12390	B14
25	205.24.1500.16720	B15	26	205.24.1500.20820	B16
27	205.24.1500.24500	B17	28	205.24.1500.27263	B18
29	205.24.1500.46230	B19	30	205.24.1500.48223	B20
31	205.24.1500.50957	B21	32	205.24.1500.52663	B22
33	205.24.1500.54523	B23	34	205.24.1501.14370	B24
35	205.24.1501.33823	B25	36	205.24.1501.38110	B26
37	205.24.1501.47530	B27	38	205.24.1502.07977	B28
39	205.24.1502.10450	B29	40	205.24.1502.18667	B31
41	205.24.1502.20407	B32	42	205.24.1502.22623	B33
43	205.24.1502.24197	B34	44	205.24.1502.25990	B35
45	205.24.1503.39237	B36	46	205.24.1503.41883	B37
47	205.24.1503.43170	B38	48	205.24.1503.44347	B39
49	205.24.1503.45610	B40	50	205.24.1503.53940	C01

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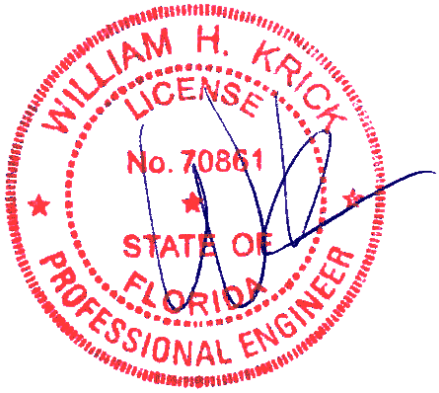

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Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	*Job Number:* 24-1284
Job Description: Logan Jack	
Address:	

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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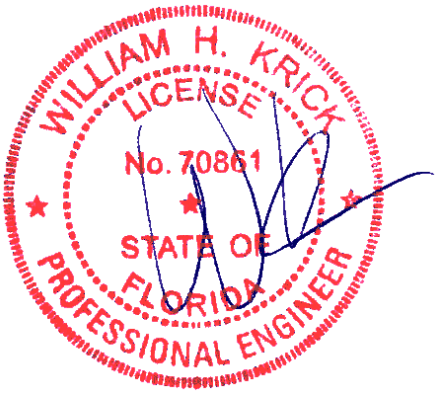

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07/24/2024

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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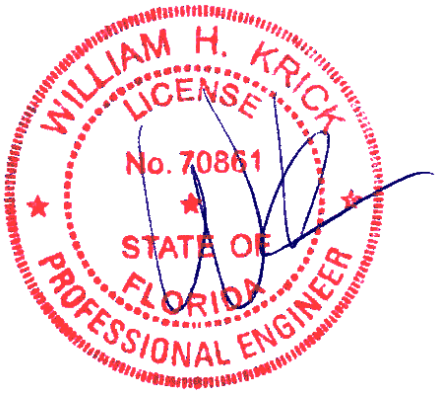

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Site Information:	Page 4:
Customer: W. B. Howland Company, Inc.	*Job Number:* 24-1284
Job Description: Logan Jack	
Address:	

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

General Notes (continued)

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

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

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

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.
BCLL = Bottom Chord standard design Live Load in pounds per square foot.
C = Coated lumber.
C-AT = AtTEK coated lumber.
C-FX = FX Lumber Guard coated lumber.
C -TE = TechWood 4400 coated lumber.
CL = Certified lumber.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
FRT = Fire Retardant Treated lumber.
FRT-BF = Boraflame Fire Retardant Treated lumber
FRT-DB = D-Blaze Fire Retardant Treated lumber.
FRT-DC = Dricon Fire Retardant Treated lumber.
FRT-FP = FirePRO Fire Retardant Treated lumber.
FRT-FL = FlamePRO Fire Retardant Treated lumber.
FRT-FT = FlameTech Fire Retardant Treated lumber.
FRT-ON = OnWood Fire Retardant Treated lumber.
FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.
FRT-PR = ProWood Fire Retardant Treated lumber.
g = green lumber.
HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.
HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.
HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.
Ic = Incised lumber.
FJ = Finger Jointed lumber.
L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.
L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.
Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.
Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for all load cases.
Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for all load cases.
Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for all load cases.
NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.
PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.
PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds
PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.
PP = Panel Point.
R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).
Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

General Notes (continued)

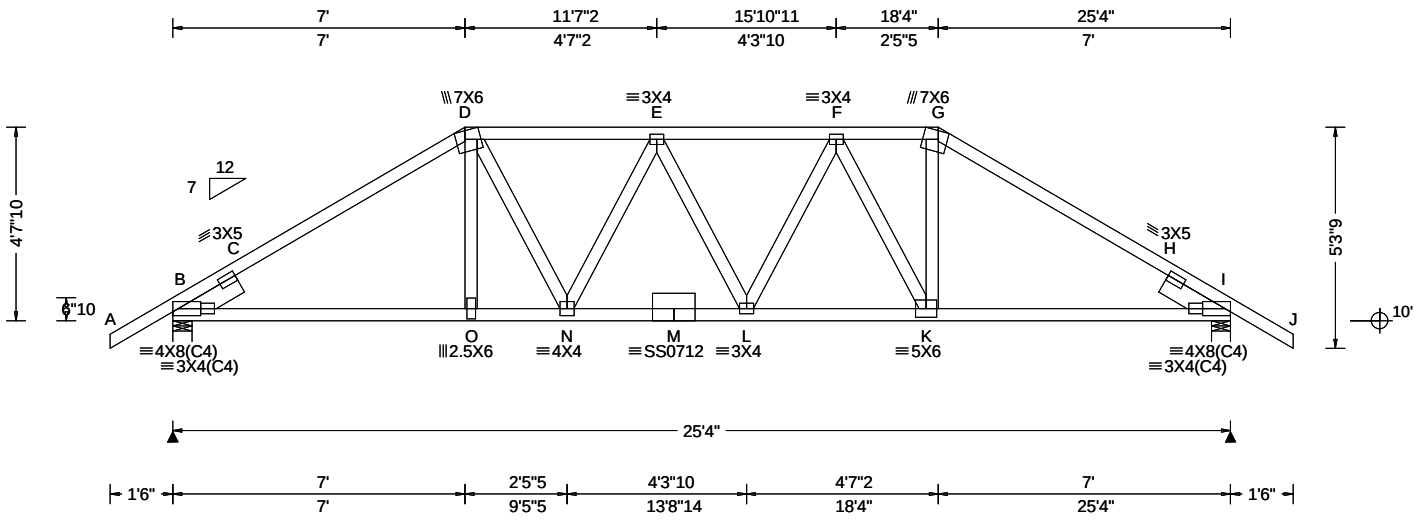
Key to Terms (continued):
Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).
TCDL = Top Chord standard design Dead Load in pounds per square foot.
TCLL = Top Chord standard design Live Load in pounds per square foot.
U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).
VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.
VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.
VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.
VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.
W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.
Uppercase Acronyms not explained above are as defined in TPI 1.

References:

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

SEQN: 18857 / HIPS FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	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

▲Maximum Reactions (lbs)

	Gravity			Non-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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	3732	- 757	M - L	4526	- 938
O - N	3759	- 761	L - K	4222	- 865
N - M	4526	- 938	K - I	3686	- 746

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - O	888	- 110	F - K	213	- 910
D - N	1281	- 287	K - G	1989	- 358
L - F	846	- 188			

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

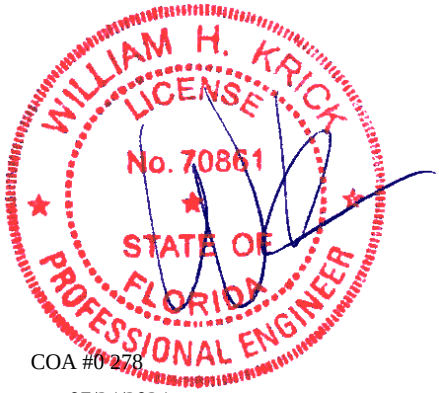
Purlins

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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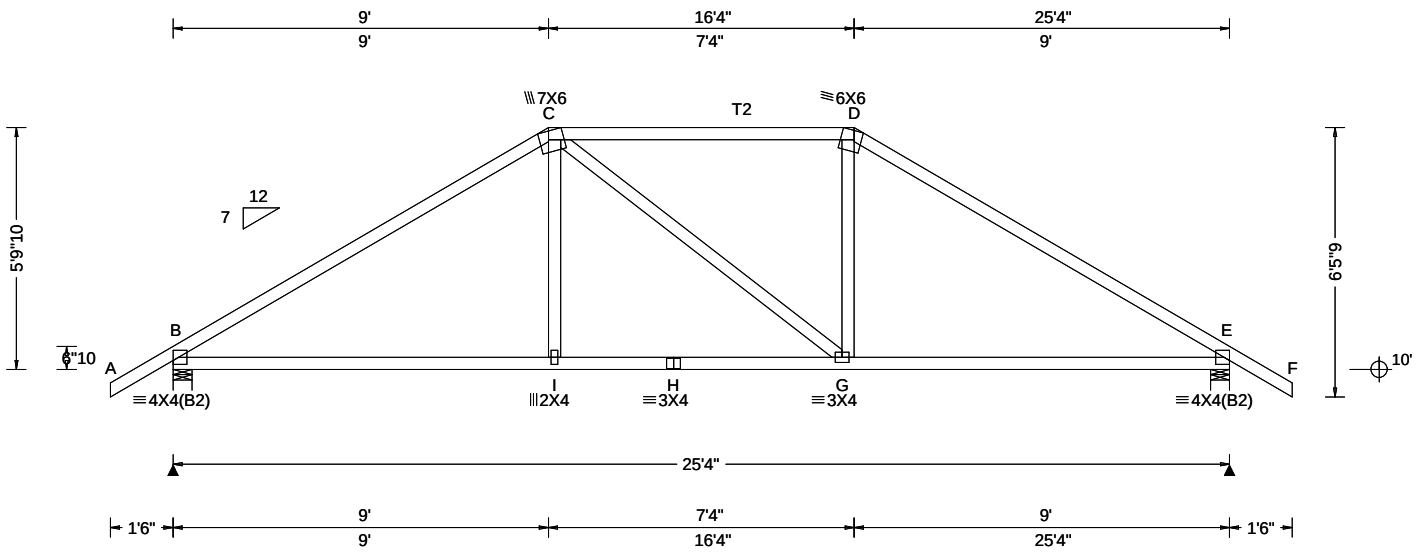
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46141 / COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.041	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

▲Maximum Reactions (lbs)

	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			

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

Lumber

Top chord: 2x4 SP M-31; T2 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.

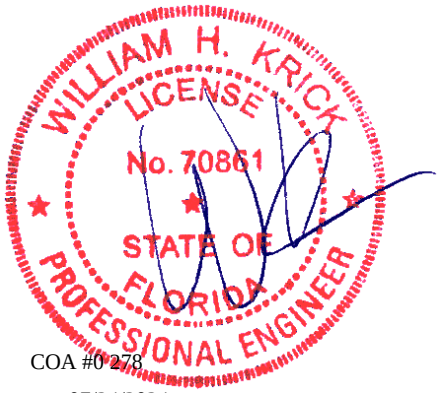
Purlins

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

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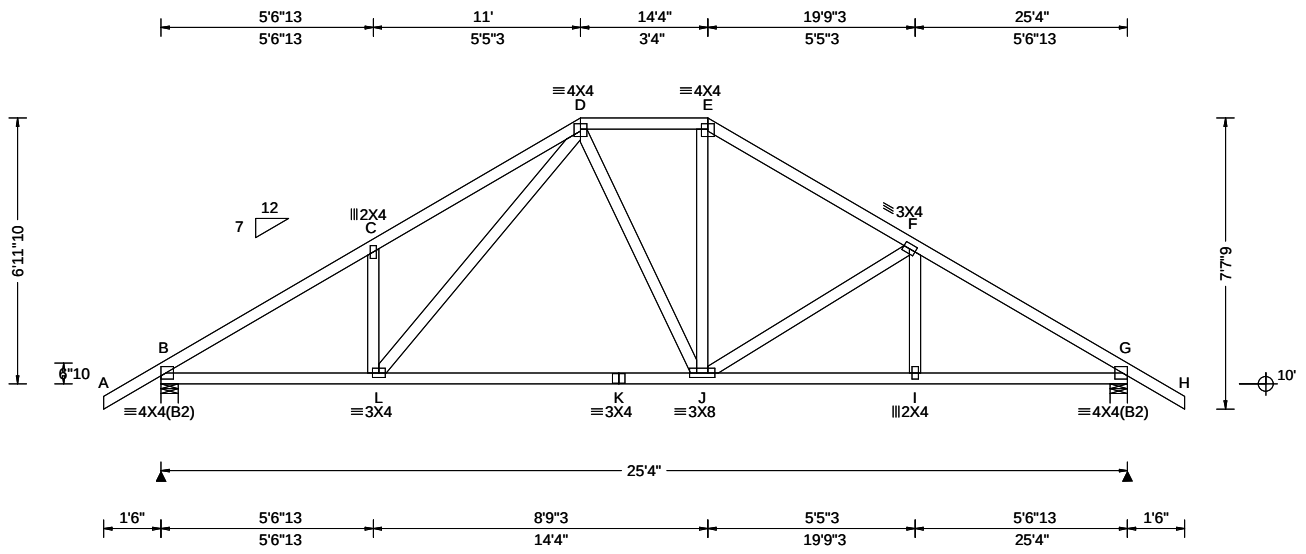
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46143 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.079	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

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / 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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - L	1461	-247	J - I	1375	-268
L - K	1065	-150	I - G	1376	-266
K - J	1065	-150			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - D	607	-155	J - E	377	-44

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

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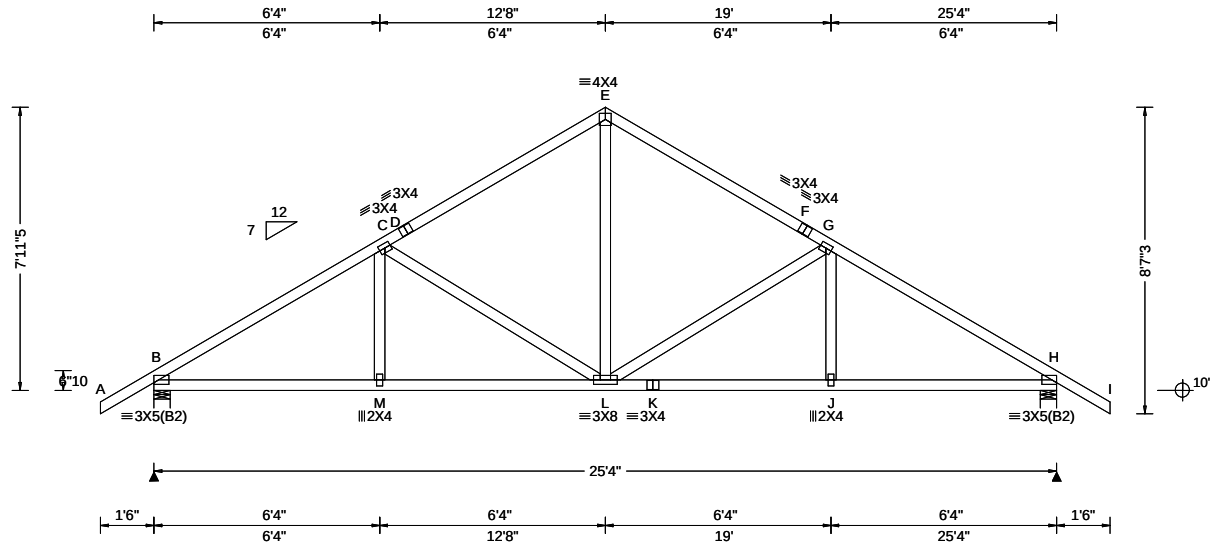
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47607 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.067	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

▲Maximum Reactions (lbs)

	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

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			

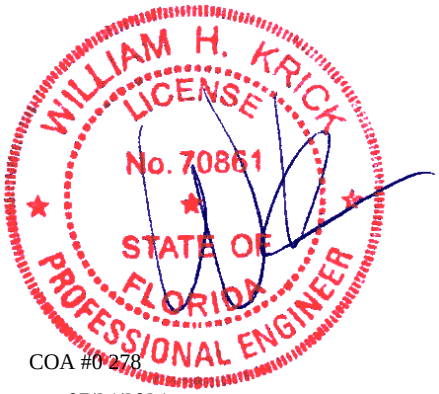
Lumber

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
Florida Certificate of Product Approval #FL 1999

07/24/2024

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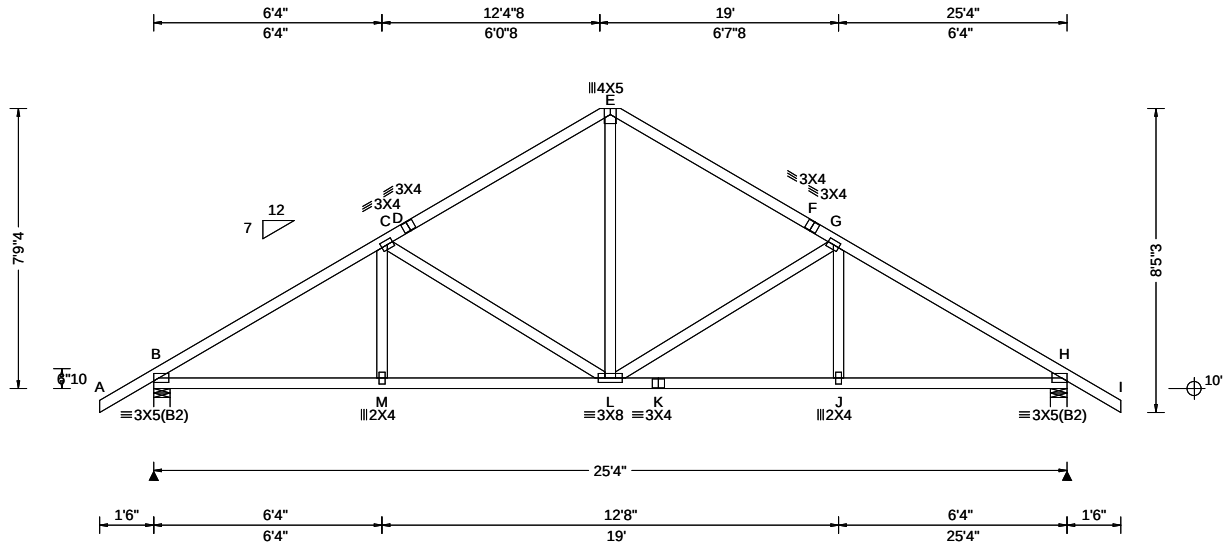
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46151 / COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.067	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

▲Maximum Reactions (lbs)

	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

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			

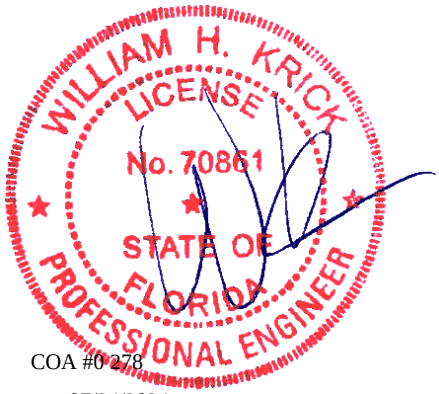
Lumber

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

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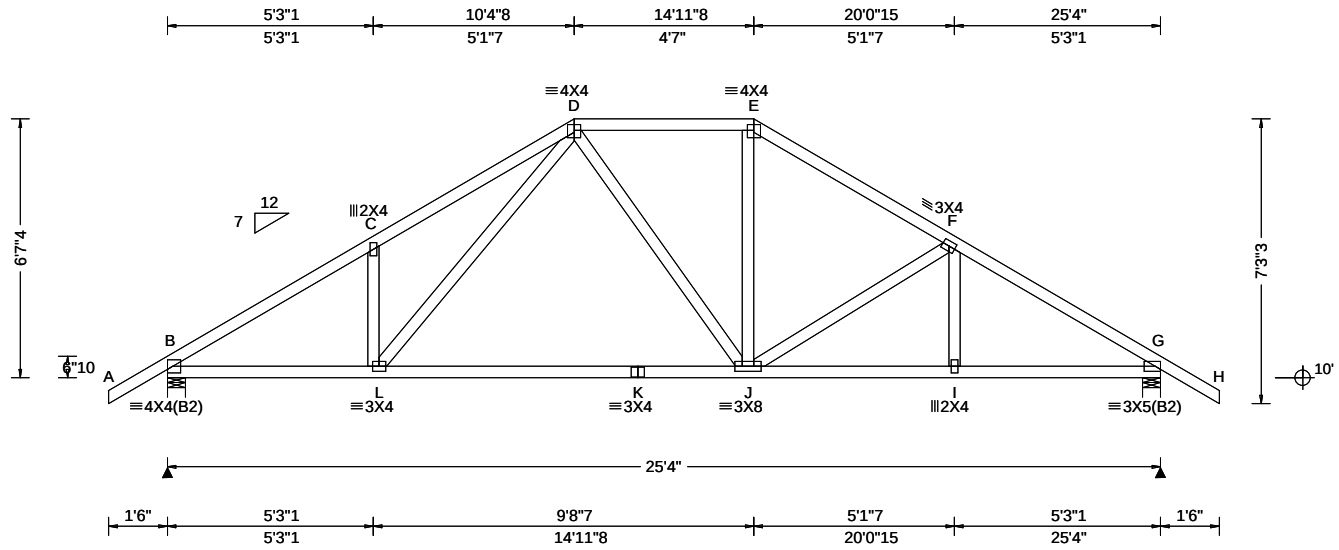
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46153 / COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.066	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1155	/-	/-	/691	/53	/200
G	1155	/-	/-	/691	/53	/-

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			

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			

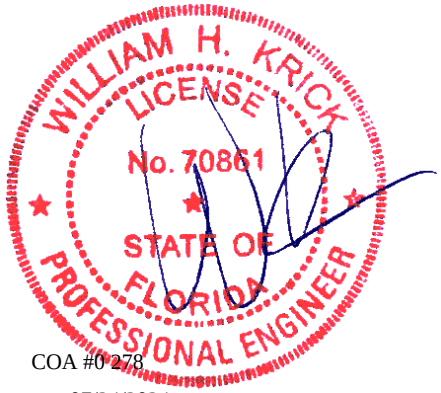
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
L - D	500	- 113

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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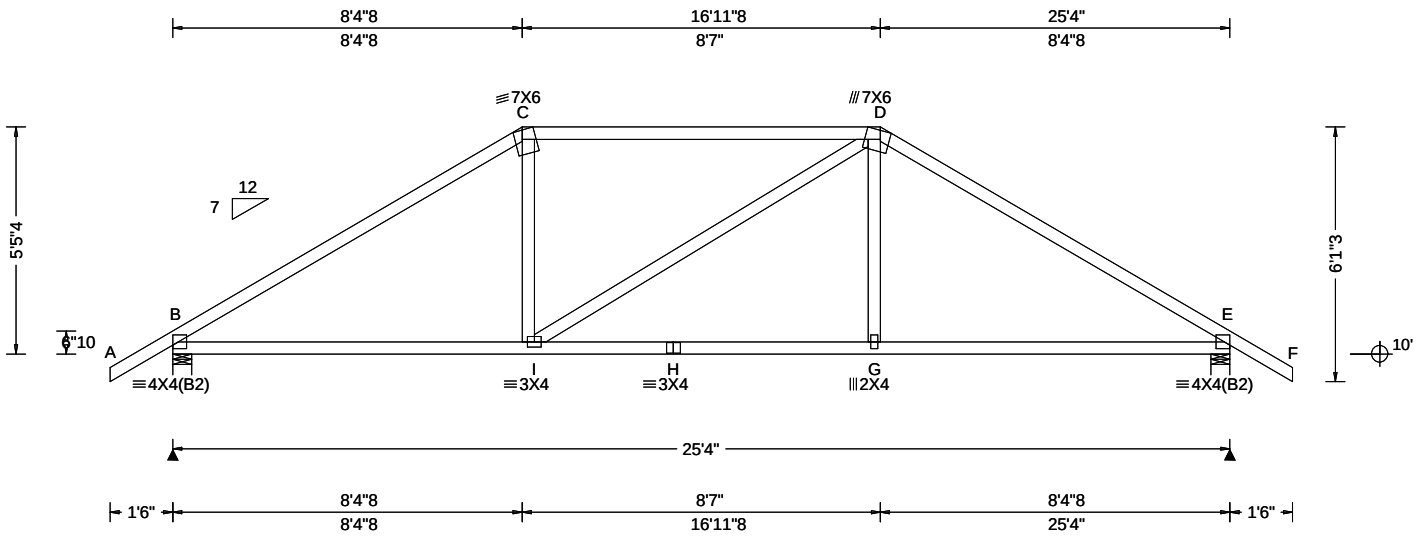
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46159 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.049	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

▲Maximum Reactions (lbs)

	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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - I	1206	- 396	H - G	1212	- 410
I - H	1212	- 410	G - E	1207	- 412

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.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA #0 278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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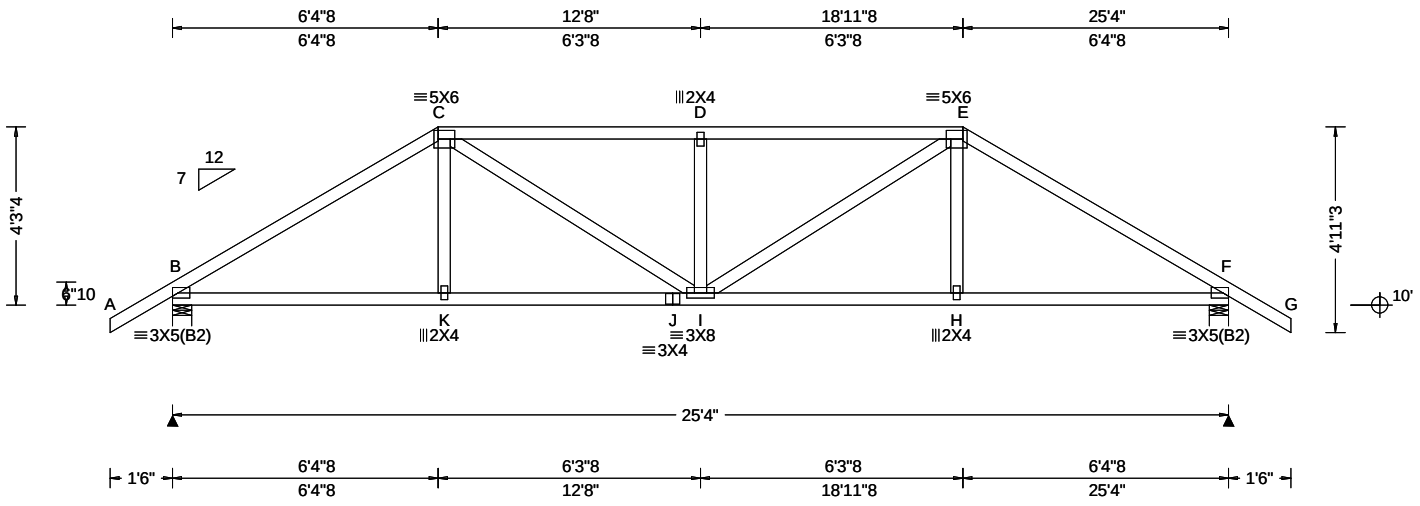
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46161 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.085	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

▲Maximum Reactions (lbs)

	Gravity			Non-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

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			

Lumber

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

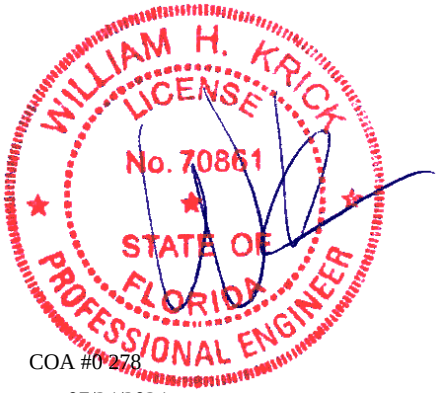
Purlins

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

07/24/2024

Florida Certificate of Product Approval #FL 1999

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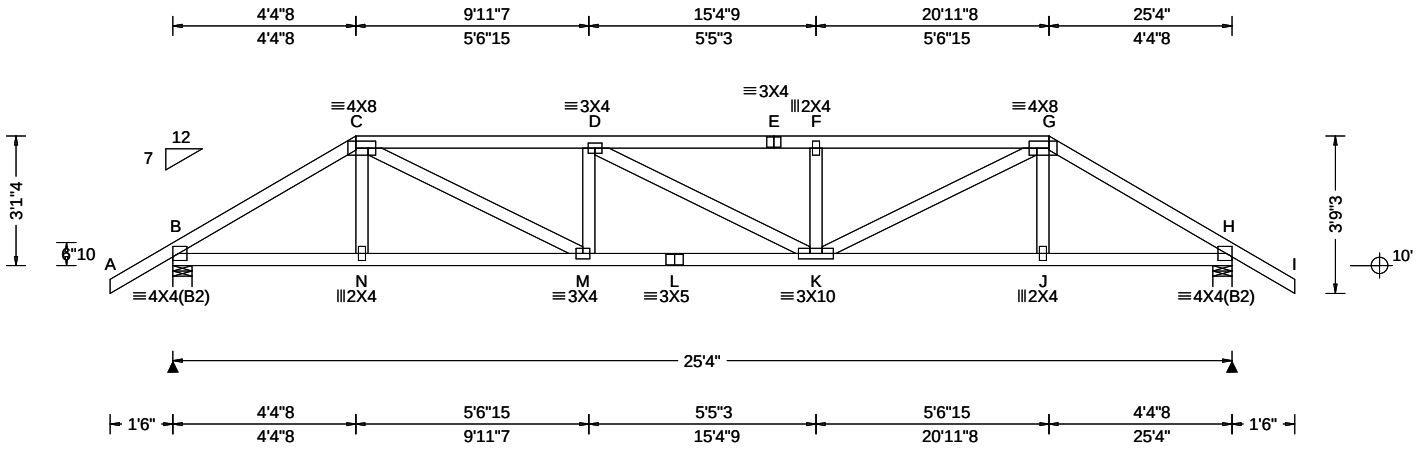
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46165 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.130	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

▲Maximum Reactions (lbs)

	Gravity			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

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

Lumber

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

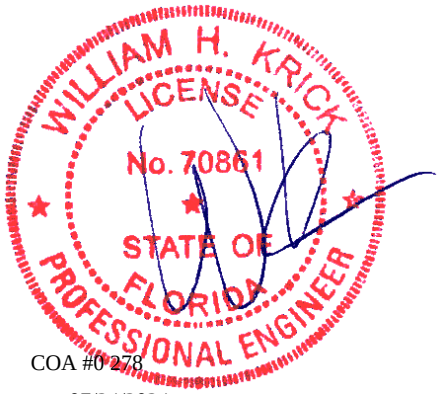
Purlins

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

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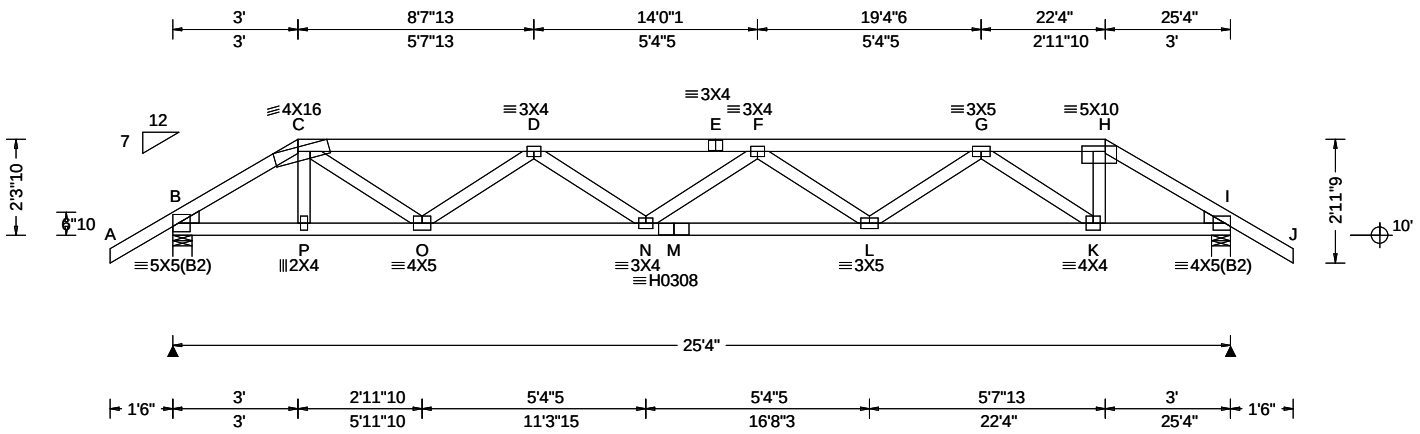
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 46177 / HIPS FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	1814	- 386	M - L	4423	- 914
P - O	1811	- 380	L - K	3164	- 608
O - N	3960	- 871	K - I	1718	- 305
N - M	4423	- 914			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - O	1537	- 284	L - G	1165	- 179
O - D	319	- 1092	G - K	352	- 1629
D - N	444	0	K - H	993	- 148
F - L	204	- 408			

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

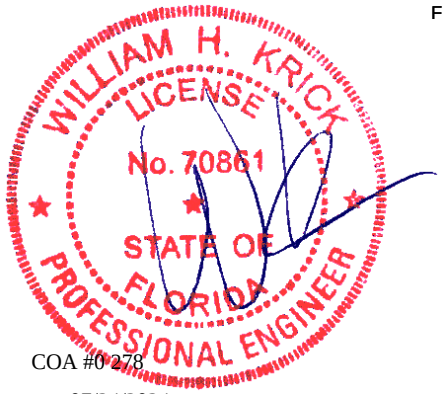
Purlins

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
Florida Certificate of Product Approval #FL 1999

07/24/2024

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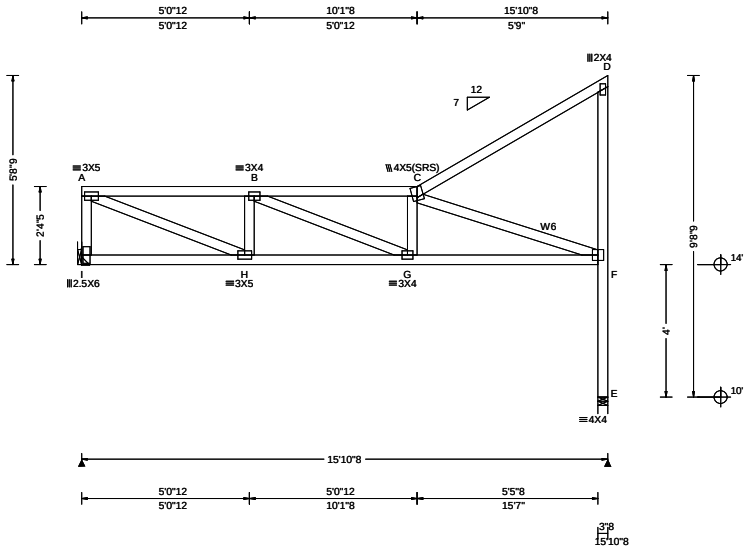
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34487 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.044	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	1175	- 994	G - F	1241	- 804

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	512	- 608	C - F	853	- 1315
A - H	1201	- 848	F - E	388	- 660
H - B	388	- 371			

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
Florida Certificate of Product Approval #FL 1999

07/24/2024

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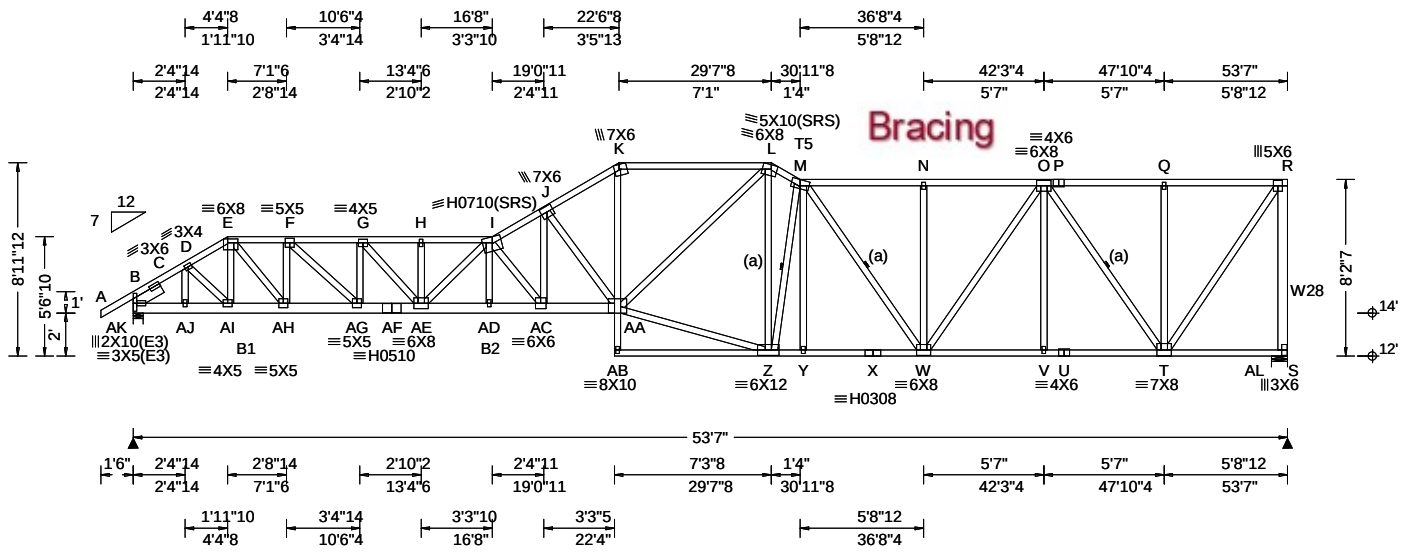
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105873 SPEC FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** B02	Cust: R 215 JRef:1Y1S2150010 T87 DrwNo: 205.24.1458.11397 AK / WHK 07/23/2024



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.510 AC 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 1.050 AC 612 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.106 T - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.219 T - -
NCBCLL:	10.00	Mean Height: 17.55 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.703
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.545
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.810
		C&C Dist a: 5.36 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE, HS	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AK	3013	/-	/-	/-	/559	/-
AL	2288	/-	/-	/-	/414	/-

Wind reactions based on MWFRS
AK Brg Wid = 5.5 Min Req = 2.5 (Truss)
AL Brg Wid = 9.0 Min Req = 1.9 (Truss)
Bearings AK & AL 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	708	- 3943	J - K	1032	- 5646
C - D	687	- 3875	K - L	877	- 4822
D - E	776	- 4333	L - M	735	- 4096
E - F	914	- 5118	M - N	618	- 3418
F - G	1191	- 6648	N - O	618	- 3418
G - H	1394	- 7755	O - P	275	- 1519
H - I	1395	- 7755	P - Q	275	- 1519
I - J	1374	- 7587	Q - R	275	- 1519

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AJ	3115	- 551	AC-AA	6411	- 1155
AJ-AI	3107	- 550	Z - Y	3863	- 697
AI-AH	3768	- 669	Y - X	3863	- 697
AH-AG	5263	- 944	X - W	3863	- 697
AG-AF	6772	- 1217	W - V	2622	- 474
AF-AE	6772	- 1217	V - U	2622	- 474
AE-AD	8702	- 1567	U - T	2622	- 474
AD-AC	8702	- 1569			

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			

Lumber

Top chord: 2x4 SP M-31; T5 2x4 SP #2;
Bot chord: 2x4 SP M-31; B1,B2 2x6 SP 2400f-2.0E;
Webs: 2x4 SP M-31; W28 2x6 SP 2400f-2.0E;
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	53.58
BC: From	5 plf at	-1.50 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	53.58

BC: 743 lb Conc. Load at 4.41

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

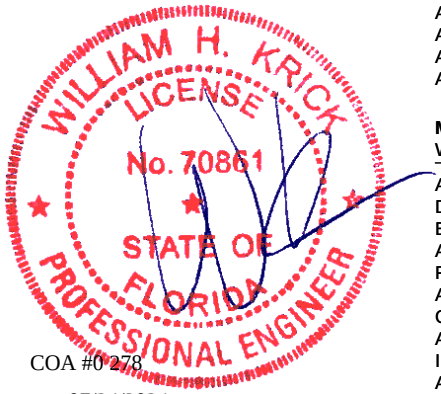
Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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
Florida Certificate of Product Approval #FL 1959

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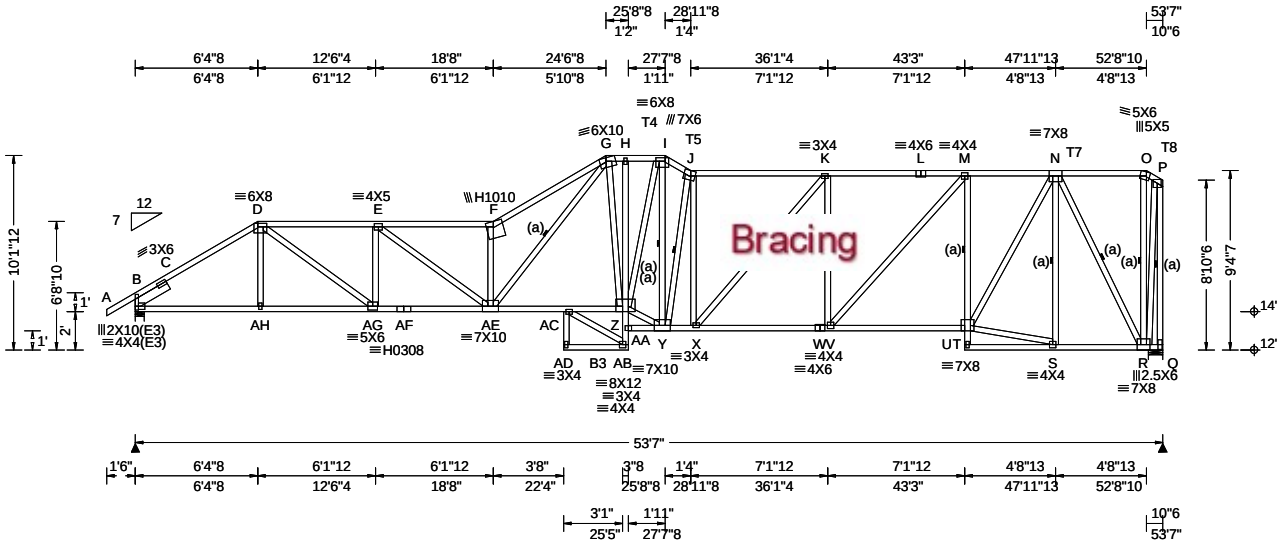
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105879 COMN FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.523 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 1.082 F 594 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.117 R - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.242 R - -
NCBCLL: 10.00	Mean Height: 18.14 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.662
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.504
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.805
	C&C Dist a: 5.36 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	2331	/-	/-	/1342	/178	/210
Q	2226	/-	/-	/1143	/334	/-

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.
B - C	1360	- 3513	H - I	1659	- 3805
C - D	1370	- 3426	I - J	1720	- 3912
D - E	2039	- 4837	J - K	1586	- 3673
E - F	2502	- 6109	K - L	1411	- 3276
F - G	3068	- 7310	L - M	1411	- 3276
G - H	1663	- 3815	M - N	982	- 2338

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AH	2813	- 1309	Y - X	3687	- 1574
AH-AG	2811	- 1304	X - W	3309	- 1412
AG-AF	4925	- 2182	W - V	3309	- 1412
AF-AE	4925	- 2182	V - T	2367	- 975
AE-AC	3811	- 1617	S - R	1249	- 511
AC- Z	3657	- 1501			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D -AG	2515	- 1036	X - K	591	- 240
AG- E	660	- 1341	K - V	581	- 936
E -AE	1484	- 527	V - M	1390	- 637
AE- F	1759	- 3982	M - T	706	- 1424
AE- G	3989	- 1713	T - S	1264	- 508
Z - Y	3482	- 1375	T - N	2173	- 926
Z - I	1664	- 657	N - R	919	- 2244
Y - J	837	- 1873	R - P	2028	- 837
J - X	261	- 378	P - Q	859	- 2135

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

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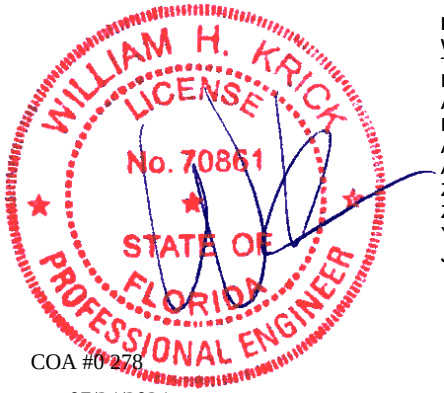
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



COA #0 278

07/24/2024

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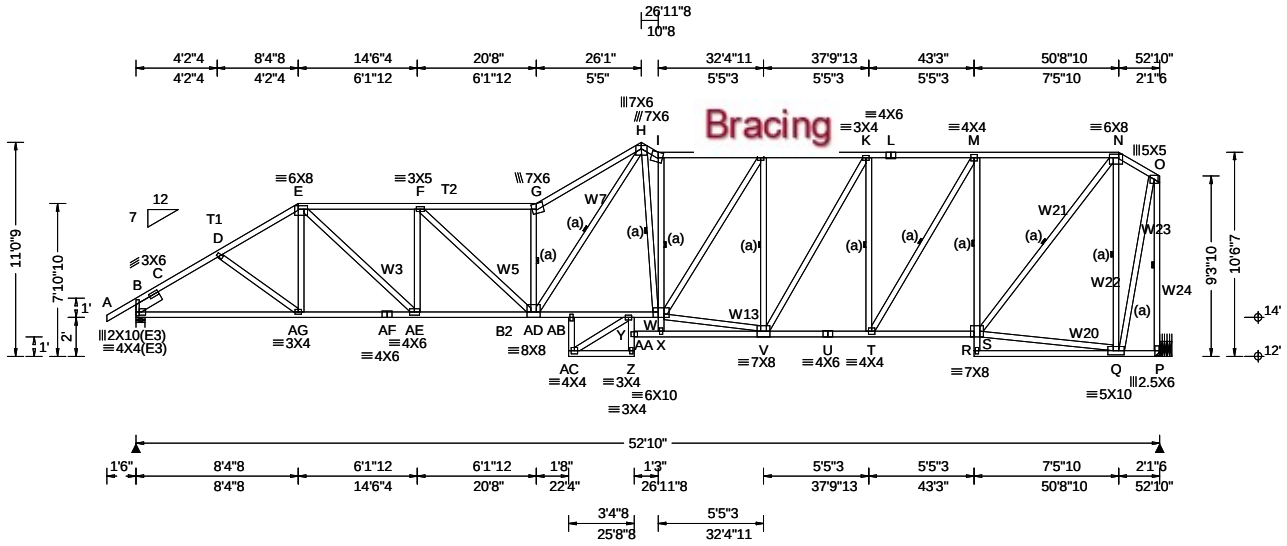
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34461 COMN FROM:	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	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.482 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.996 G 636 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.122 E - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.252 E - -
NCBCLL: 10.00	Mean Height: 18.58 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.814
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.848
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.889
	C&C Dist a: 5.28 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	2300	/-	/-	/1346	/190	/236
P	2195	/-	/-	/1126	/321	/-

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.
B - C	1311	- 3490	I - J	1528	- 3492
C - D	1288	- 3308	J - K	1328	- 3001
D - E	1313	- 3268	K - L	1110	- 2550
E - F	1758	- 4142	L - M	1110	- 2550
F - G	2034	- 4935	M - N	831	- 1899
G - H	2488	- 5873	N - O	230	- 556
H - I	1714	- 3906			

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			

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

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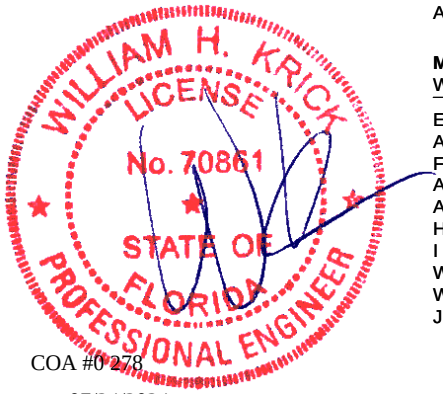

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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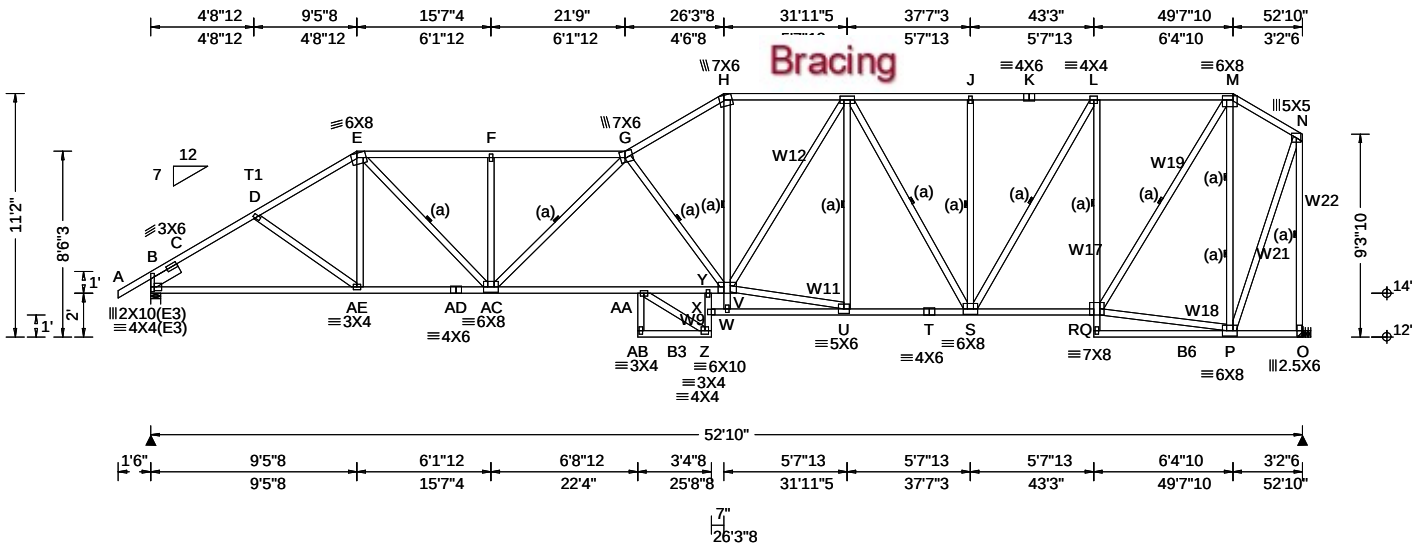
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

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



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.372 AB 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.769 AB 824 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.107 P - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.222 P - -
NCBCLL:	10.00	Mean Height: 18.65 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.799
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.719
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.809
		C&C Dist a: 5.28 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
		GCpi: 0.18	WAVE	
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	2300	/-	/-	/1355	/199	/240
O	2195	/-	/-	/1117	/305	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.9 (Truss)
O 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	1321	- 3507	H - I	1448	- 3277
C - D	1308	- 3345	I - J	1092	- 2429
D - E	1319	- 3254	J - K	1092	- 2429
E - F	1699	- 3921	K - L	1092	- 2429
F - G	1699	- 3921	L - M	816	- 1769
G - H	1608	- 3839	M - N	344	- 781

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)

Webs	Tens.	Comp.	Webs	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			

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'

Bracing

(a) Continuous lateral restraint equally spaced on member.

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).

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

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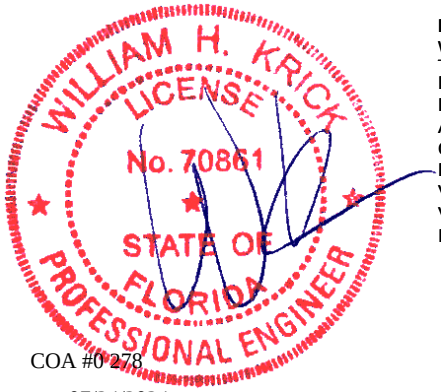

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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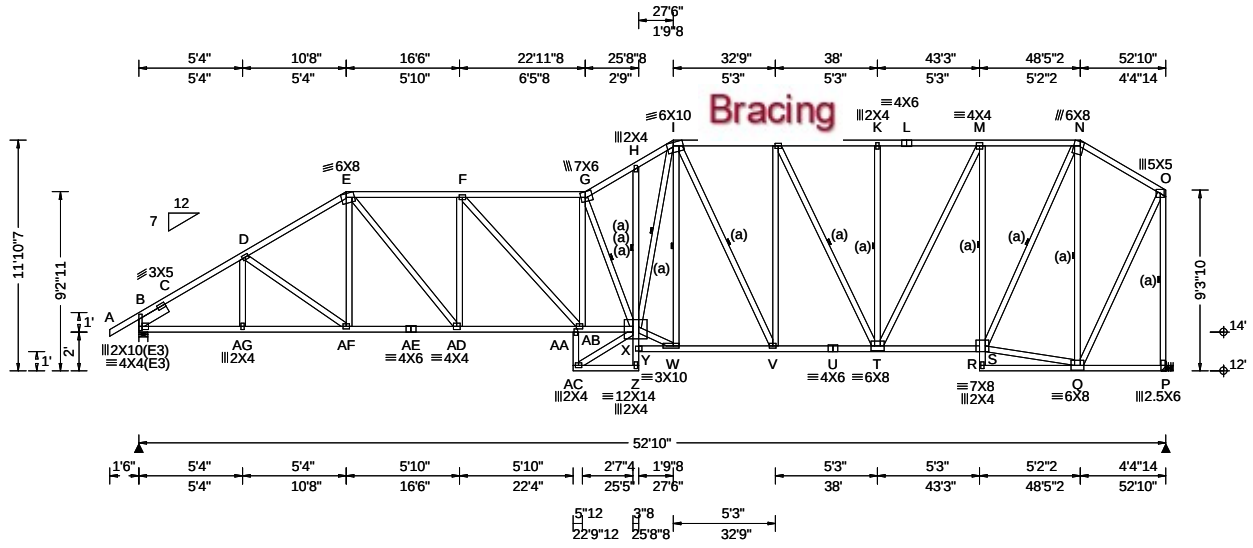
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34049 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.299	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

▲Maximum Reactions (lbs)

	Gravity			Non-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.
B - C	1248	- 3435	I - J	1229	- 2601
C - D	1240	- 3332	J - K	1050	- 2231
D - E	1327	- 3220	K - L	1050	- 2231
E - F	1587	- 3604	L - M	1050	- 2231
F - G	1777	- 4110	M - N	802	- 1643
G - H	1725	- 3942	N - O	444	- 984
H - I	1746	- 3865			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AG	2719	- 1210	AA- X	4134	- 1794
AG-AF	2716	- 1210	Y - W	741	- 344
AF-AE	2731	- 1205	W - V	2758	- 1182
AE-AD	2731	- 1205	V - U	2590	- 1112
AD-AB	3643	- 1616	U - T	2590	- 1112
AB-AA	3657	- 1620	T - R	1665	- 695

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
E -AD	1374	- 612	V - J	502	- 78
AD- F	536	- 932	J - T	406	- 826
F -AA	871	- 256	T - M	1276	- 587
AC- X	198	- 437	M - R	714	- 1474
G - X	996	- 2198	R - Q	775	- 312
X - I	2922	- 1282	R - N	1979	- 847
X - W	2266	- 942	Q - N	770	- 1642
I - W	446	- 894	Q - O	1772	- 718
I - V	155	- 458	O - P	916	- 2162

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'

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.

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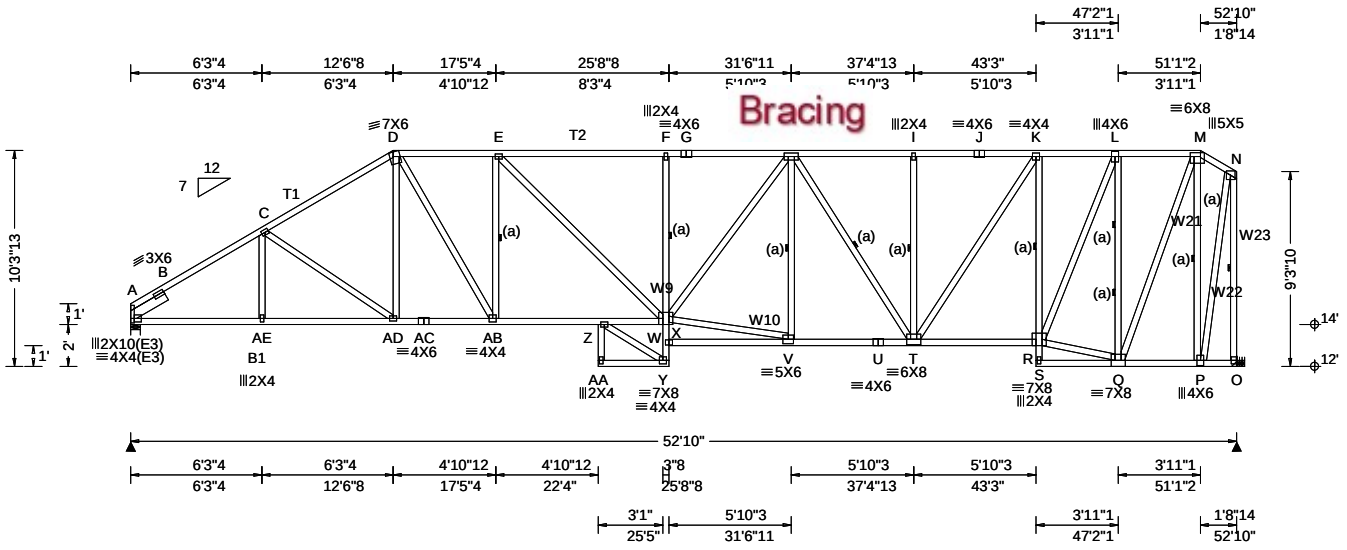
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34042 COMN FROM:	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	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.319 AA 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.664 AA 955 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.111 P - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.232 P - -
NCBCLL: 10.00	Mean Height: 19.98 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.599
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.815
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.871
	C&C Dist a: 5.28 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			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.
A - B	0	-3483	H - I	0	-2687
B - C	0	-3395	I - J	0	-2687
C - D	0	-3158	J - K	0	-2687
D - E	0	-3217	K - L	0	-1930
E - F	0	-3674	L - M	0	-1116
F - G	0	-3675	M - N	0	-448
G - H	0	-3675			

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

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'

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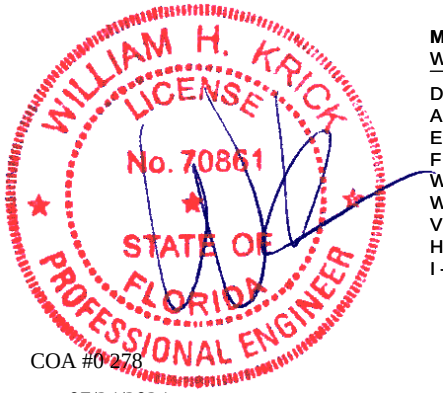
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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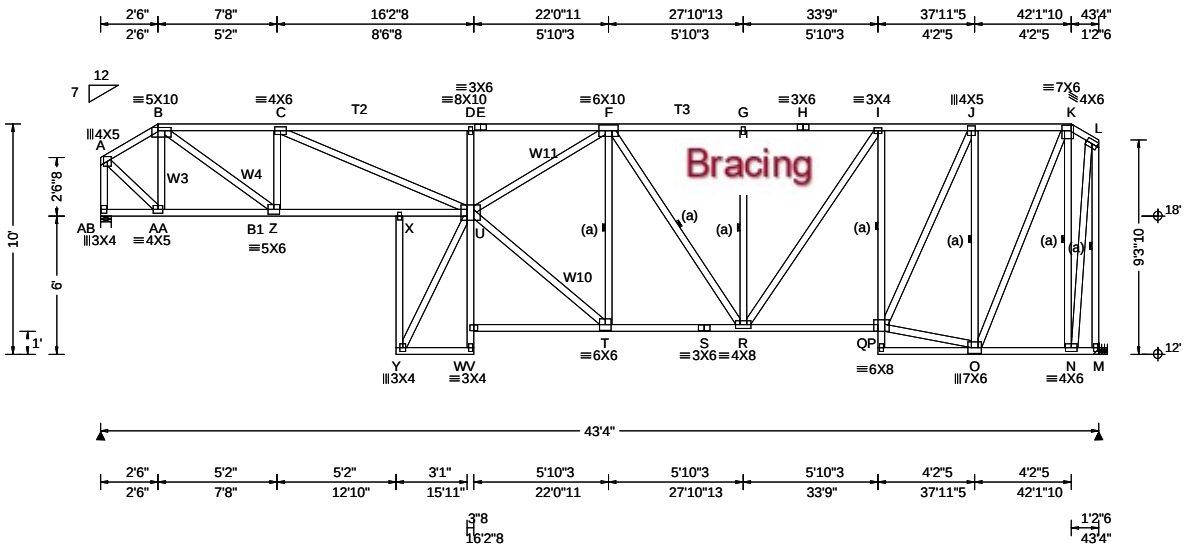
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34018 COMN FROM:	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	



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.355	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

▲Maximum Reactions (lbs)

	Gravity			Non-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.
A - B	0	-1376	F - G	0	-2084
B - C	0	-3128	G - H	0	-2084
C - D	0	-4950	H - I	0	-2084
D - E	0	-4935	I - J	0	-1566
E - F	0	-4935	J - K	0	-888

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	1159	0	T - S	2266	0
Z - X	3227	0	S - R	2266	0
X - U	3228	0	R - P	1587	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AB	0	-1772	G - R	0	-389
A -AA	1546	0	R - I	896	0
B -AA	0	-989	I - P	0	-1051
B - Z	2445	0	P - J	1567	0
Z - C	0	-1257	P - O	925	0
C - U	1889	0	J - O	0	-1700
D - U	0	-457	O - K	1700	0
U - T	2897	0	K - N	0	-1603
U - F	3173	0	N - L	1613	0
T - F	0	-1752	L - M	0	-1751

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).

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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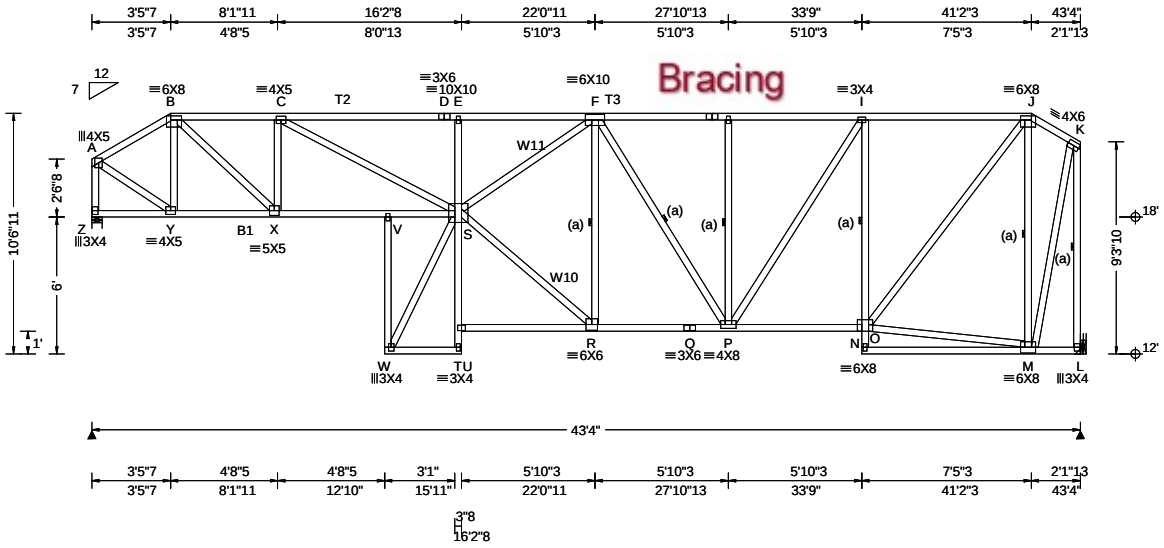
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105882 COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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: 4.33 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.287	W	999	240
VERT(CL): 0.596	W	872	180
HORZ(LL): 0.098	M	-	-
HORZ(TL): 0.204	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.639
Max BC CSI: 0.606
Max Web CSI: 0.831

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
Z	1802	/-	/-	/887	/-	/56
L	1802	/-	/-	/922	/-	/-

Wind reactions based on MWFRS
Z Brg Wid = 5.5 Min Req = 1.5 (Truss)
L Brg Wid = - Min Req = -
Bearing Z is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-1627	F - G	0	-1953
B - C	0	-2835	G - H	0	-1953
C - D	0	-4319	H - I	0	-1953
D - E	0	-4319	I - J	0	-1486
E - F	0	-4307	J - K	0	-463

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Y - X	1362	0	R - Q	2132	0
X - V	2916	0	Q - P	2132	0
V - S	2919	0	P - N	1507	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Z	0	-1767	S - F	2694	0
A - Y	1612	0	R - F	0	-1641
B - Y	0	-820	P - I	840	0
B - X	2017	0	I - N	0	-1164
X - C	0	-1203	N - J	1762	0
C - S	1596	0	M - J	0	-1509
E - S	0	-441	M - K	1636	0
S - R	2717	0	K - L	0	-1810

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; 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).

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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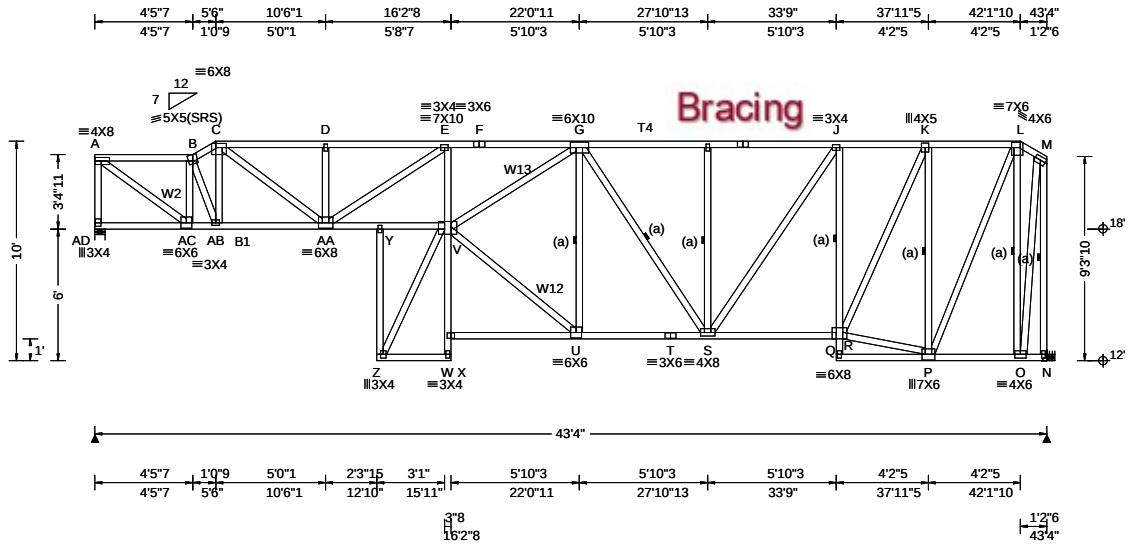
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33976 COMN FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.361 Z 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.751 Z 692 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.119 O - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.247 O - -
NCBCLL:	10.00	Mean Height: 24.88 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.756
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.654
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.846
		C&C Dist a: 4.33 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-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.
A - B	0	-2197	G - H	0	-2084
B - C	0	-2727	H - I	0	-2084
C - D	0	-3947	I - J	0	-2084
D - E	0	-3947	J - K	0	-1566
E - F	0	-4719	K - L	0	-888
F - G	0	-4719			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AC-AB	2344	0	U - T	2270	0
AB-AA	2356	0	T - S	2270	0
AA- Y	4732	0	S - Q	1587	0
Y - V	4734	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AD	0	-1757	S - J	895	0
A -AC	2726	0	J - Q	0	-1051
AC- B	0	-1567	Q - K	1568	0
C -AA	1978	0	Q - P	925	0
AA- E	0	-952	K - P	0	-1699
V - U	2809	0	P - L	1700	0
V - G	2920	0	L - O	0	-1603
U - G	0	-1658	O - M	1613	0
H - S	0	-380	M - N	0	-1751

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;

Bracing

(a) Continuous lateral restraint equally spaced on member.

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).

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

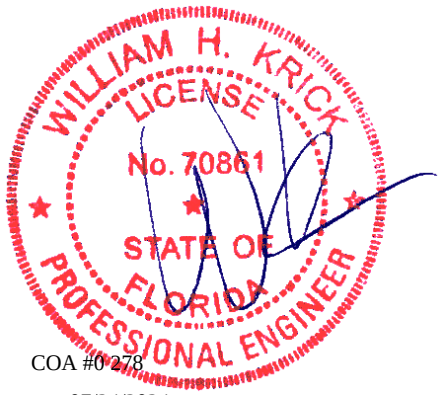
Wind loads based on MWFRS with additional C&C member design.

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 DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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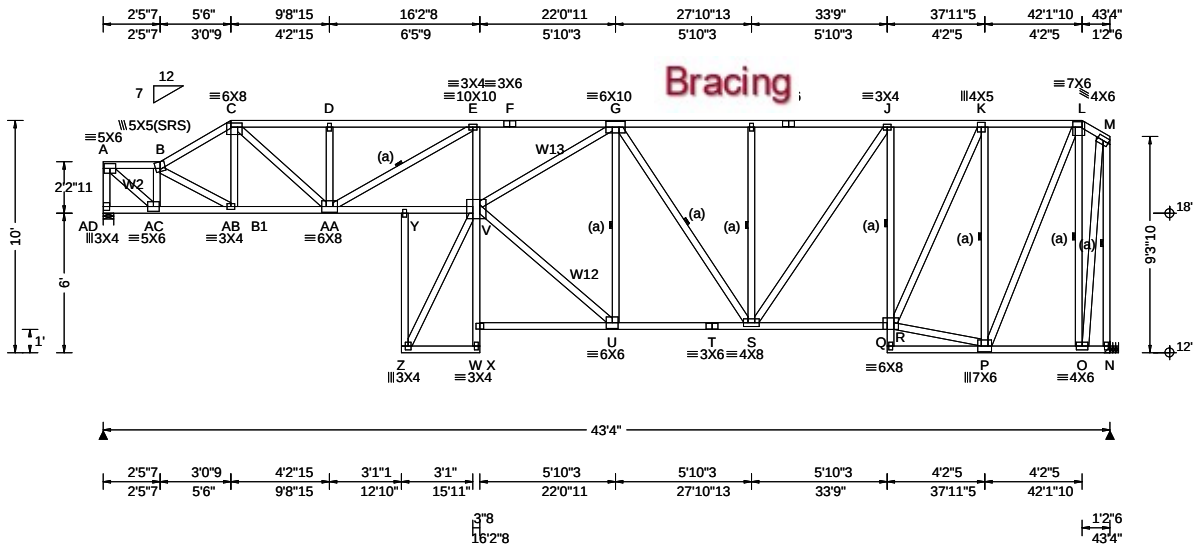
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33971 COMN FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** B11	Cust: R 215 JRef:1Y1S2150010 T49 DrwNo: 205.24.1500.01423 AK / WHK 07/23/2024	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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: 4.33 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.349 Z	999	240
VERT(CL):	0.726 Z	716	180
HORZ(LL):	0.121 O	-	-
HORZ(TL):	0.252 O	-	-

Creep Factor: 2.0
Max TC CSI: 0.836
Max BC CSI: 0.630
Max Web CSI: 0.846

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh		/ Rw	/ U	/ RL
AD	1801	/-	/-		/945	/-	/50
N	1798	/-	/-		/933	/-	/-

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.
A - B	0	-1906	G - H	0	-2082
B - C	0	-2765	H - I	0	-2082
C - D	0	-3744	I - J	0	-2082
D - E	0	-3743	J - K	0	-1565
E - F	0	-4814	K - L	0	-887
F - G	0	-4814			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AC-AB	2158	0	U - T	2268	0
AB-AA	2354	0	T - S	2268	0
AA- Y	4830	0	S - Q	1586	0
Y - V	4836	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AD	0	-1766	S - J	894	0
A -AC	2547	0	J - Q	0	-1050
AC- B	0	-1682	Q - K	1566	0
C -AA	1842	0	Q - P	925	0
AA- E	0	-1268	K - P	0	-1698
E - V	375	0	P - L	1699	0
V - U	2770	0	L - O	0	-1602
V - G	3008	0	O - M	1612	0
U - G	0	-1658	M - N	0	-1750
H - S	0	-381			

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 2x4 SP M-31; W12, W13 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.

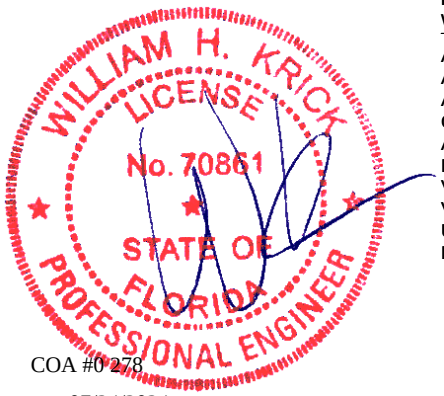
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Deflection

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

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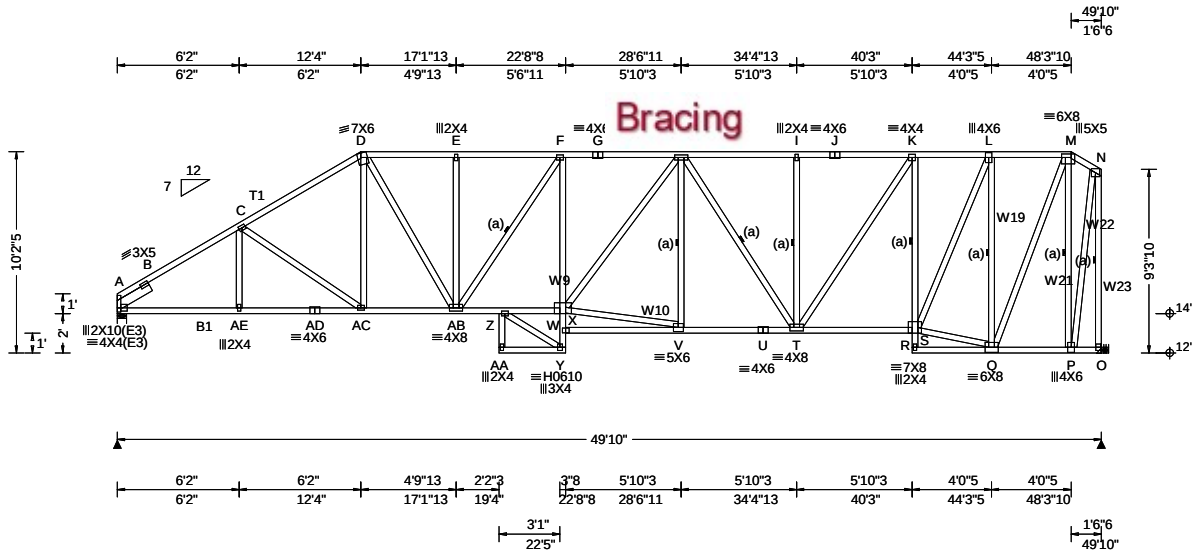
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33965 COMN FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** B12	Cust: R 215 JRef:1Y1S2150010 T50 DrwNo: 205.24.1500.05203 AK / WHK 07/23/2024	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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: 4.98 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.259	Y	999	240
VERT(CL): 0.539	Y	999	180
HORZ(LL): 0.094	P	-	-
HORZ(TL): 0.195	P	-	-

Creep Factor: 2.0
Max TC CSI: 0.610
Max BC CSI: 0.738
Max Web CSI: 0.736

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	2072	/-	/-	/1085	/-	/201
O	2072	/-	/-	/1016	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 5.5 Min Req = 1.7 (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.
A - B	2	- 3267	H - I	0	- 2506
B - C	0	- 3181	I - J	0	- 2506
C - D	0	- 2943	J - K	0	- 2506
D - E	0	- 2966	K - L	0	- 1823
E - F	0	- 2966	L - M	0	- 1043
F - G	0	- 3257	M - N	0	- 377
G - H	0	- 3257			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A -AE	2616	- 111	Z - W	3027	0
AE-AD	2613	- 111	X - V	464	0
AD-AC	2613	- 111	V - U	2866	0
AC-AB	2468	0	U - T	2866	0
AB- Z	3261	0	T - R	1848	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D -AB	954	0	R - L	1907	0
AB- F	0	- 534	R - Q	1092	0
W - V	2441	0	L - Q	0	- 2004
W - H	638	- 54	Q - M	1933	0
H - T	0	- 655	M - P	0	- 1801
I - T	0	- 378	P - N	1870	0
T - K	1203	0	N - O	0	- 2053
K - R	0	- 1313			

Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31;
Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
Webs: 2x4 SP #3; W9 2x4 SP #2; W10,W19,W21,W22, W23 2x4 SP M-31;
Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.972'

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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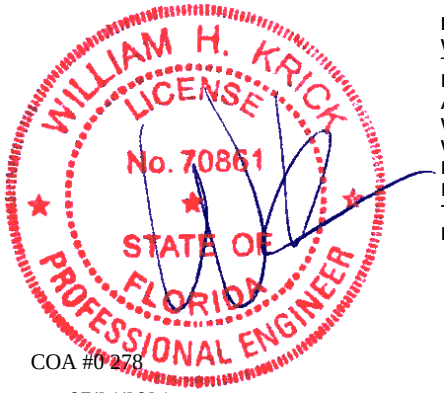

COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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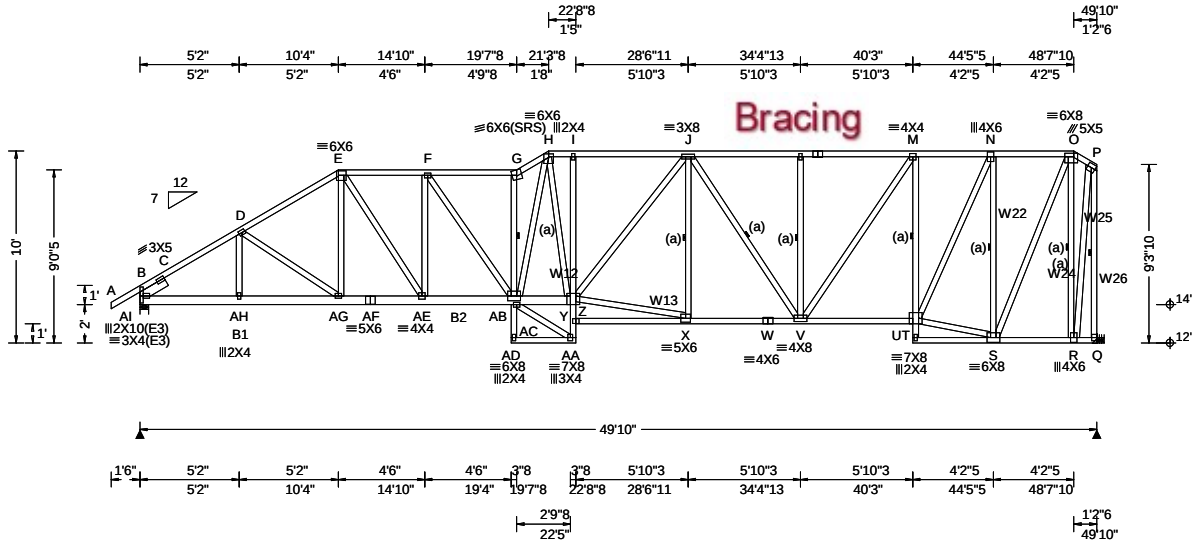
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33960 COMN FROM:	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	



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.297 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

▲Maximum Reactions (lbs)

	Gravity			Non-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			

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

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'

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

Plating Notes
All plates are 3X4 except as noted.

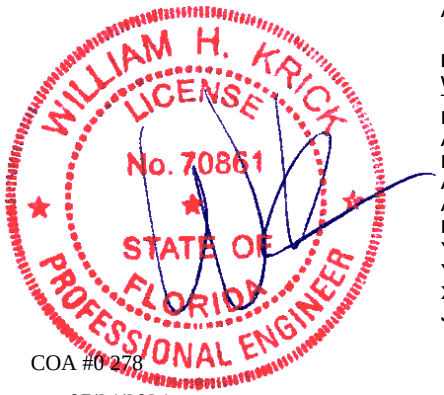
Hangers / Ties
(J) Hanger Support Required, by others

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.

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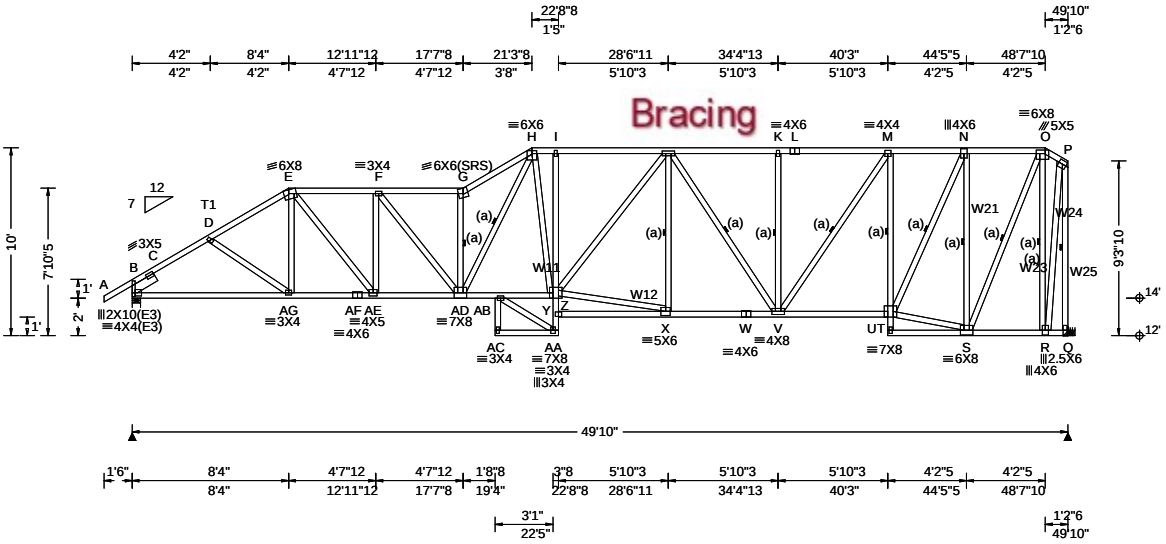
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33952 COMN FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.379 G 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.783 G 763 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.109 R - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.226 R - -
NCBCLL:	10.00	Mean Height: 18.06 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.653
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.893
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.843
		C&C Dist a: 4.98 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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.
B - C	1221	- 3272	I - J	1482	- 3352
C - D	1200	- 3097	J - K	1074	- 2559
D - E	1221	- 3055	K - L	1074	- 2559
E - F	1519	- 3556	L - M	1074	- 2559
F - G	1766	- 4214	M - N	772	- 1863
G - H	2144	- 5006	N - O	450	- 1037
H - I	1481	- 3354			

Maximum Bot Chord Forces Per Ply (lbs)

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)

Webs	Tens.	Comp.	Webs	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			

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'

Bracing

(a) Continuous lateral restraint equally spaced on member.

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).

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

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COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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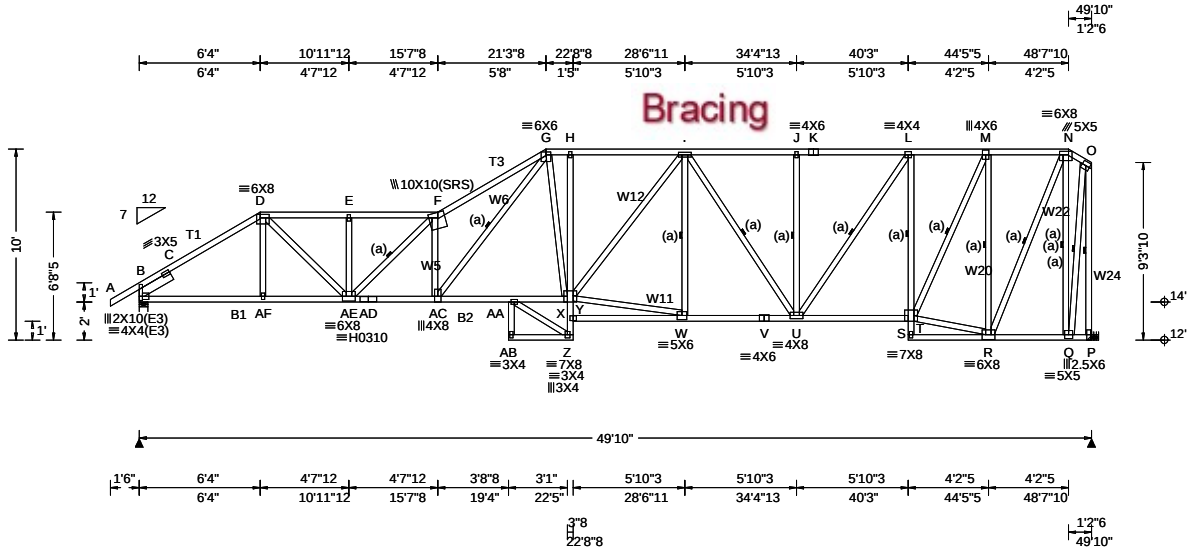
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33946 COMN FROM:	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



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.400 F 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.828 F 722 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.101 Q - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.209 Q - -
NCBCLL:	10.00	Mean Height: 18.06 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.761
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.735
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.793
		C&C Dist a: 4.98 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE, HS	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AF	2585	- 1208	AA- X	3163	- 1300
AF-AE	2583	- 1203	W - V	2926	- 1234
AE-AD	5056	- 2171	V - U	2926	- 1234
AD-AC	5056	- 2171	U - S	1888	- 744
AC-AA	3313	- 1415			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D -AE	2021	- 826	U - L	1207	- 527
AE- F	505	- 1381	L - S	613	- 1312
AC- G	2939	- 1276	S - M	1911	- 773
F -AC	1103	- 2304	S - R	1084	- 431
G - X	535	- 106	M - R	888	- 2012
X - W	2655	- 1032	R - N	1992	- 795
X - I	693	- 312	Q - O	1870	- 756
W - I	262	- 380	N - Q	809	- 1854
I - U	357	- 659	O - P	810	- 2025
J - U	226	- 375			

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'

Bracing

(a) Continuous lateral restraint equally spaced on member.

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).

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

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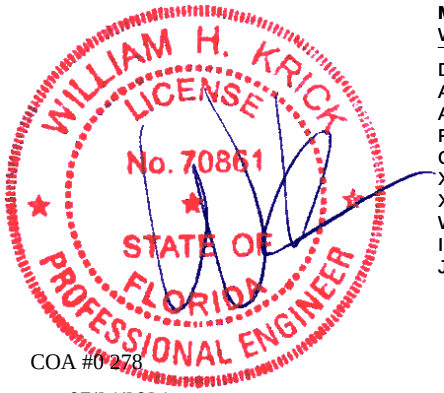

COA #0278

07/24/2024

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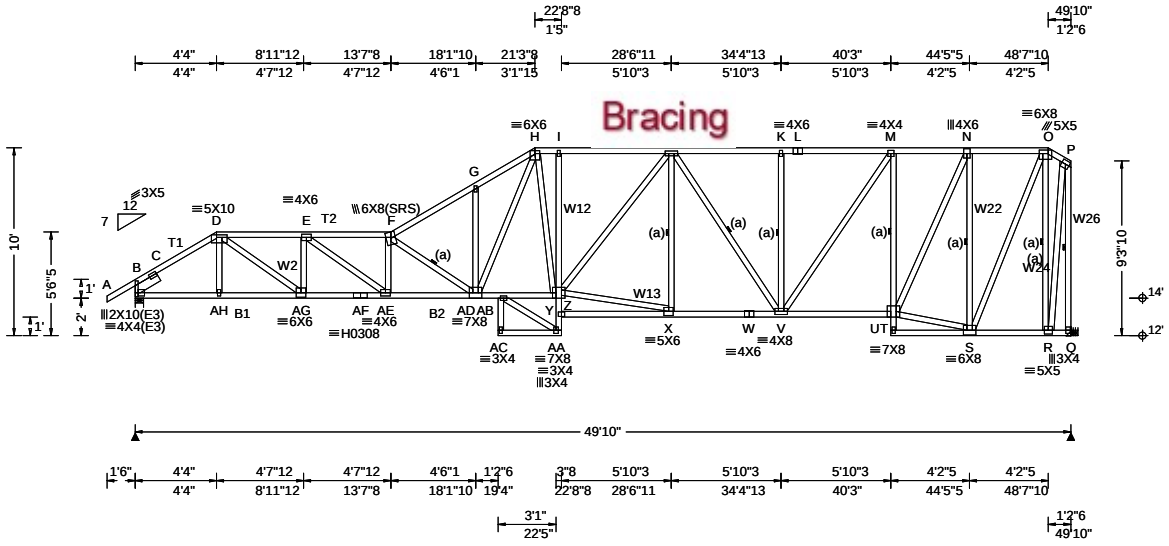
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33929 COMN FROM:	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	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.450 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.930 G 643 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.112 R - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.233 R - -
NCBCLL: 10.00	Mean Height: 21.67 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.637
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.739
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.791
	C&C Dist a: 4.98 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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			

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

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.

COA #0278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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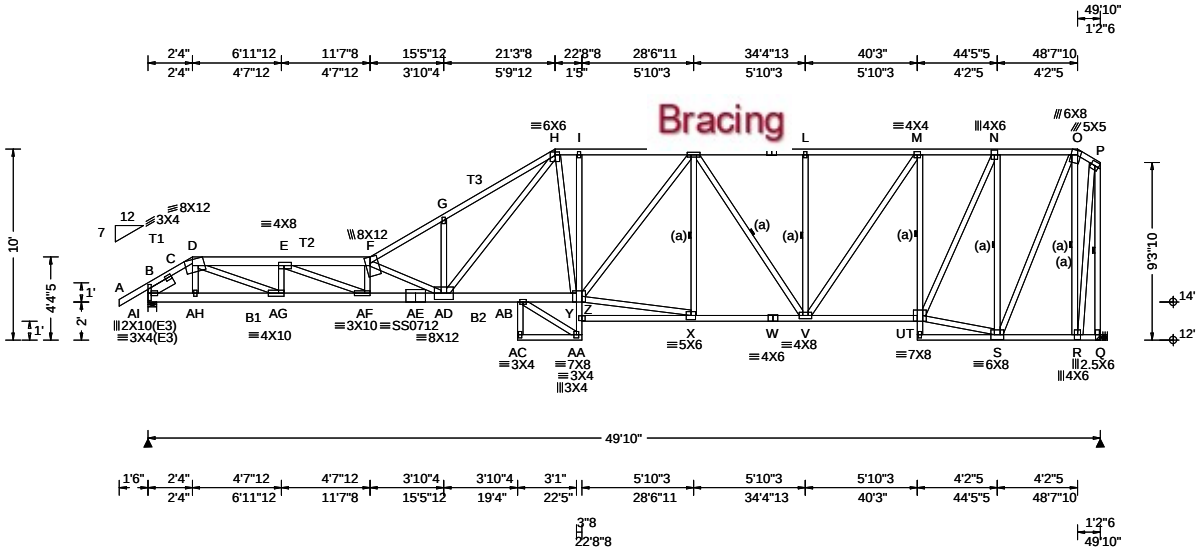
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33910 COMN FROM:	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



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	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

▲Maximum Reactions (lbs)

	Gravity			Non-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.
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)

Chords	Tens.	Comp.	Chords	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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
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

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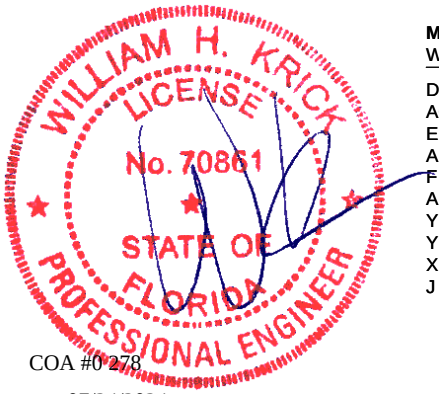
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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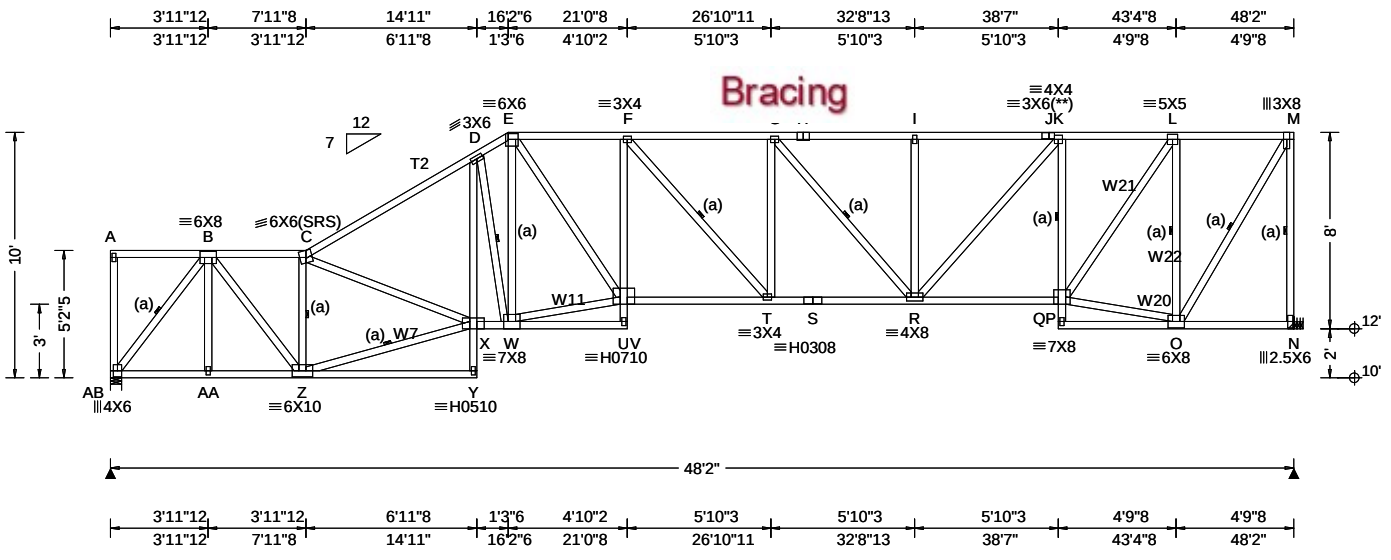
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33898 COMN FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.294 F 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.612 F 944 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.143 O - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.298 O - -
NCBCLL:	10.00	Mean Height: 17.60 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.632
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.897
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.823
		C&C Dist a: 4.82 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
		GCpi: 0.18	WAVE, HS	
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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.
B - C	971	- 2716	H - I	1211	- 3165
C - D	1399	- 3668	I - J	1211	- 3165
D - E	1388	- 3317	J - K	1211	- 3165
E - F	1515	- 3627	K - L	876	- 2336
F - G	1431	- 3578	L - M	442	- 1141
G - H	1211	- 3165			

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			

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

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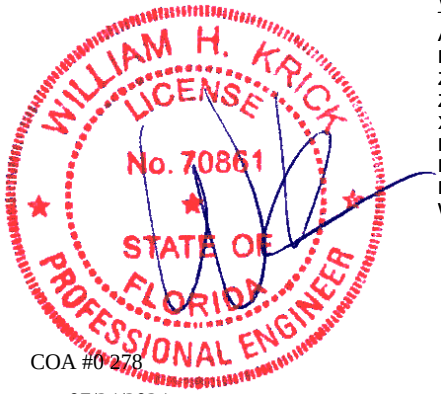

COA #0 278
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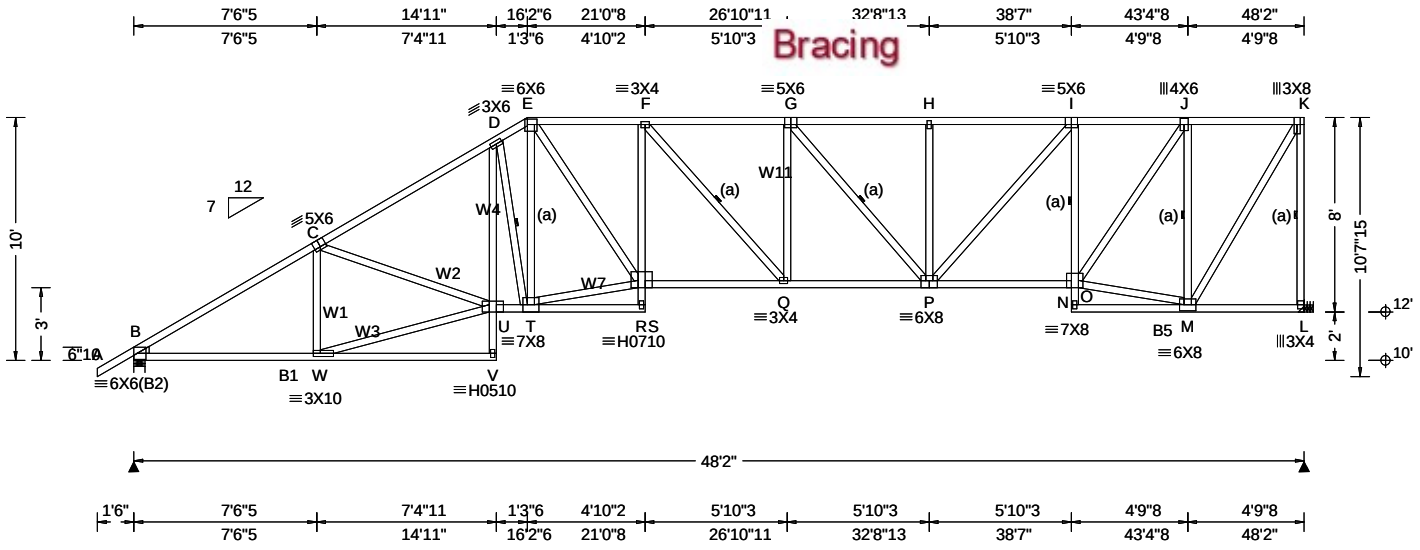
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33888 SPEC FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.287 F 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.594 F 971 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.147 M - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.304 M - -
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.415
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.895
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.821
		C&C Dist a: 4.82 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE, HS	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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.
B - C	0	-3325	G - H	0	-3152
C - D	0	-3655	H - I	0	-3152
D - E	0	-3294	I - J	0	-2324
E - F	0	-3606	J - K	0	-1138
F - G	0	-3559			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	2752	-22	Q - P	3554	0
U - T	3064	0	P - N	2355	0
R - Q	3619	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - W	82	-719	G - P	0	-621
C - U	397	0	P - I	1216	0
W - U	2824	-26	I - N	0	-1237
U - D	1048	-58	N - J	2024	0
D - T	316	-1297	N - M	1174	0
E - T	403	-334	J - M	0	-2000
E - R	1403	0	M - K	2155	0
T - R	2825	0	K - L	0	-1958

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

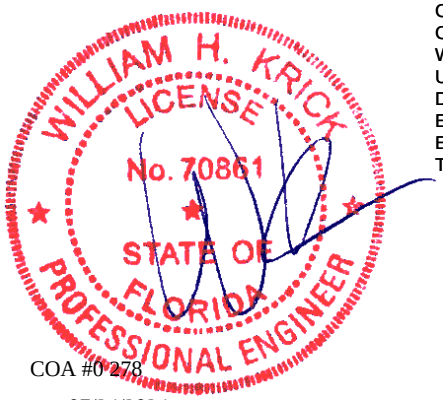
Wind loads based on MWFRS with additional C&C member design.

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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

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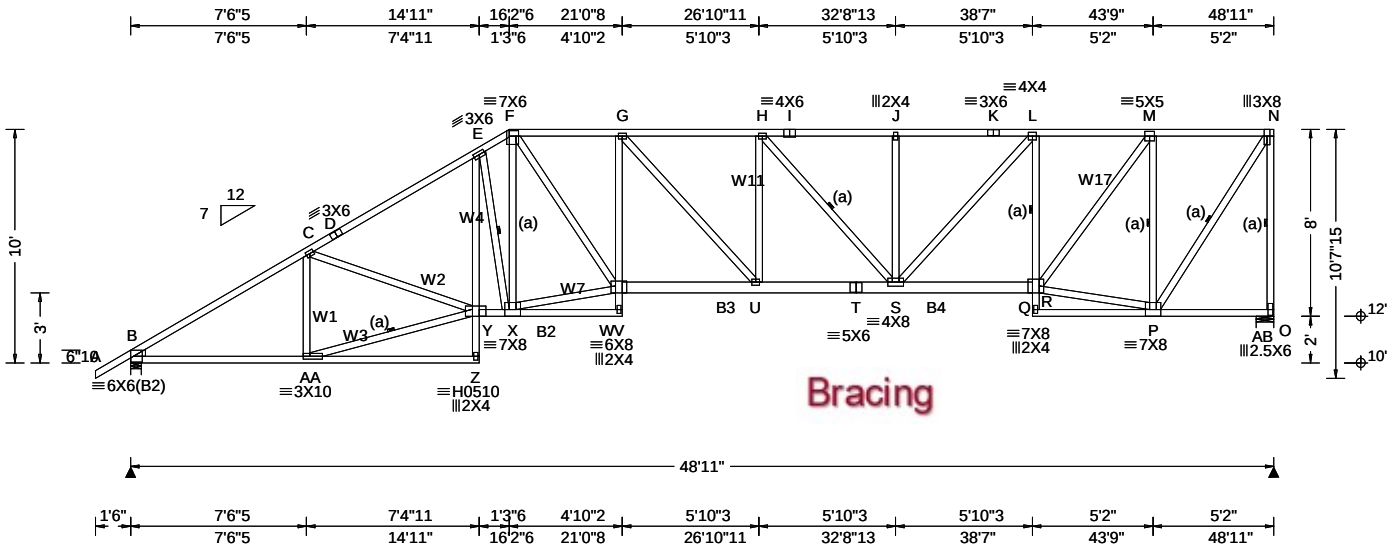
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34445 SPEC FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.264 G 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.545 G 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.119 P - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.246 P - -
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.422
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.781
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.848
		C&C Dist a: 4.89 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
		GCpi: 0.18	WAVE, HS	
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AA	2804	- 1006	U - T	3727	- 1314
Y - X	3135	- 1148	T - S	3727	- 1314
V - U	3716	- 1363	S - Q	2540	- 854

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AA	409	- 736	S - L	1211	- 429
AA- Y	2877	- 1035	L - Q	506	- 1246
Y - E	1064	- 334	Q - M	2061	- 706
E - X	527	- 1310	Q - P	1262	- 443
F - X	398	- 146	M - P	813	- 2010
F - V	1456	- 546	P - N	2226	- 782
X - V	2870	- 1042	N - O	755	- 1987
H - S	270	- 593			

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

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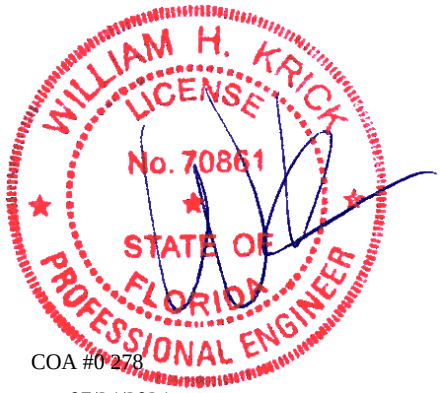

COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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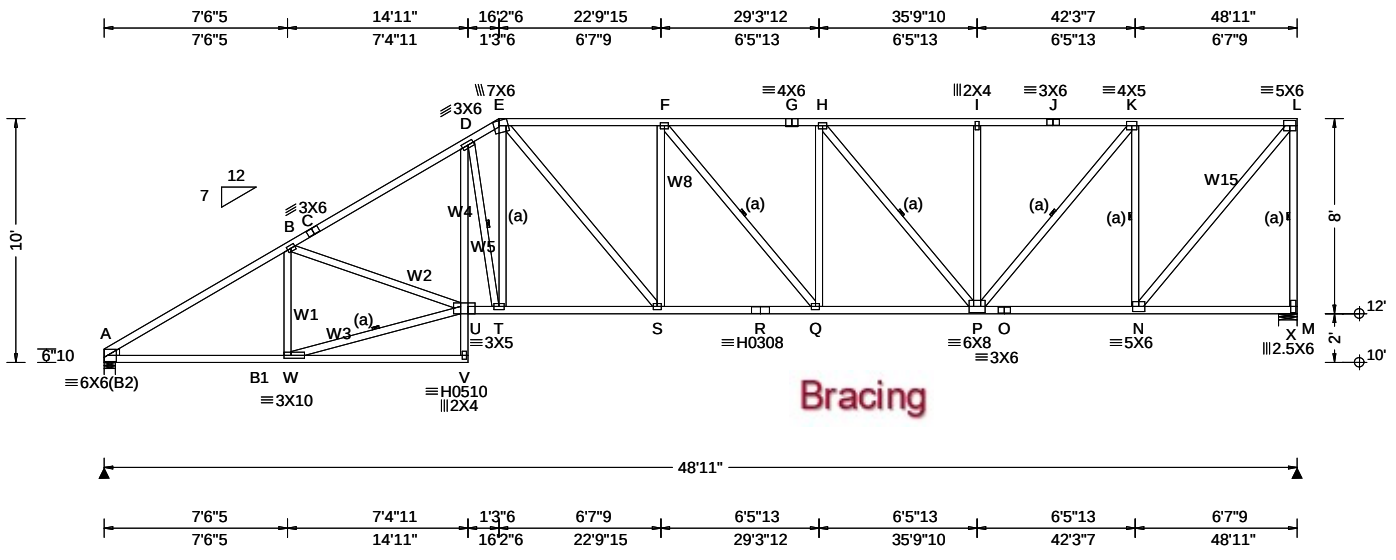
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 105884 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	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

▲Maximum Reactions (lbs)

	Gravity			Non-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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - W	2824	- 1038	R - Q	3242	- 1184
U - T	3141	- 1158	Q - P	3118	- 1088
T - S	2885	- 1060	P - O	1584	- 556
S - R	3242	- 1184	O - N	1584	- 556

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - W	412	- 737	H - P	350	- 879
W - U	2899	- 1069	I - P	207	- 380
U - D	1092	- 373	P - K	1536	- 534
D - T	513	- 1264	K - N	704	- 1661
E - T	1047	- 341	N - L	2363	- 822
E - S	537	- 180	L - M	765	- 1980

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

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COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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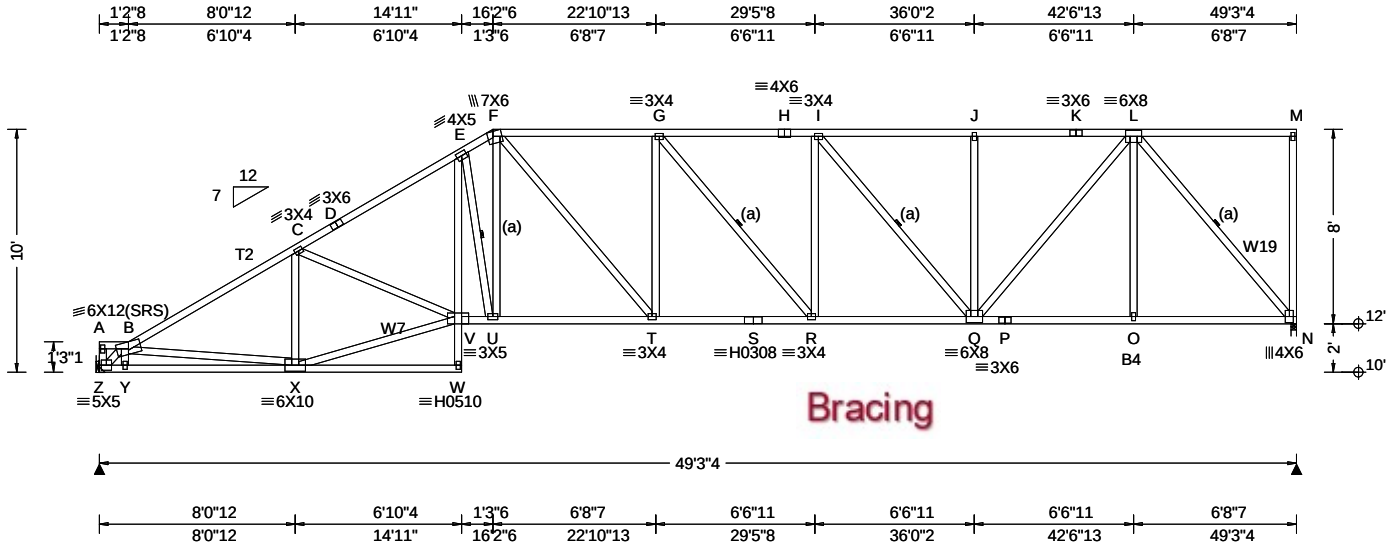
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33840 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

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

Maximum Web Forces Per Ply (lbs)

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			

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 DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

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COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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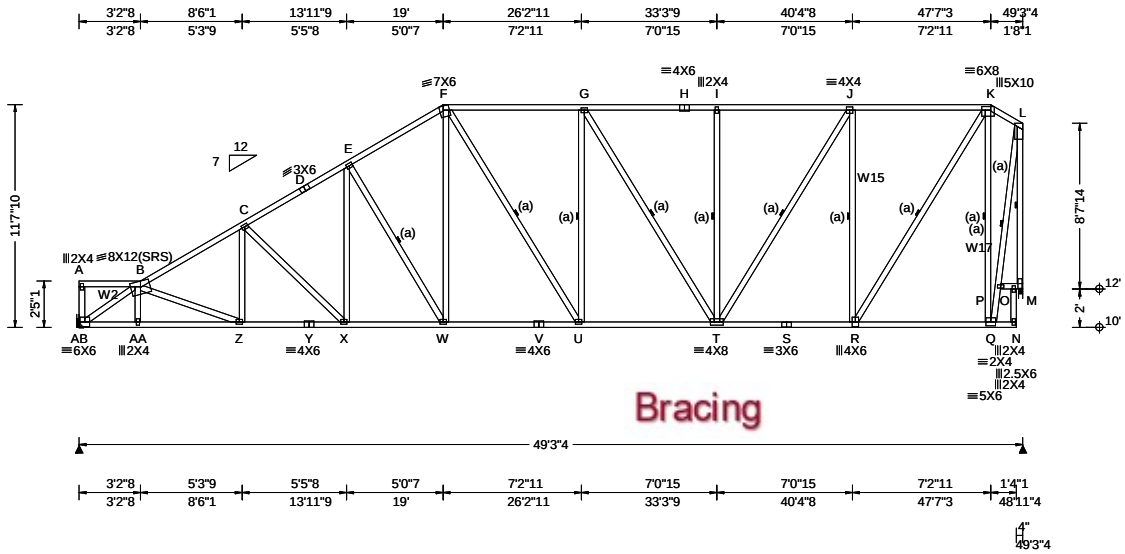
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33834 SPEC FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00		Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00		Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.190 W 999 240
BCLL: 0.00		Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.394 W 999 180
BCDL: 10.00		Risk Category: II	Snow Duration: NA	HORZ(LL): 0.076 N - -
Des Ld: 40.00		EXP: C Kzt: NA		HORZ(TL): 0.157 N - -
NCBCLL: 10.00		Mean Height: 17.03 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00		TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.716
Load Duration: 1.25		BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.732
Spacing: 24.0 "		MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.828
		C&C Dist a: 4.93 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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.
B - C	981	- 3332	G - H	766	- 1976
C - D	951	- 2950	H - I	766	- 1976
D - E	964	- 2848	I - J	766	- 1976
E - F	937	- 2543	J - K	536	- 1329
F - G	902	- 2245			

Maximum Bot Chord Forces Per Ply (lbs)

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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	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
L - T	234	- 415	L - M	756	- 2035

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 DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

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).

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07/24/2024

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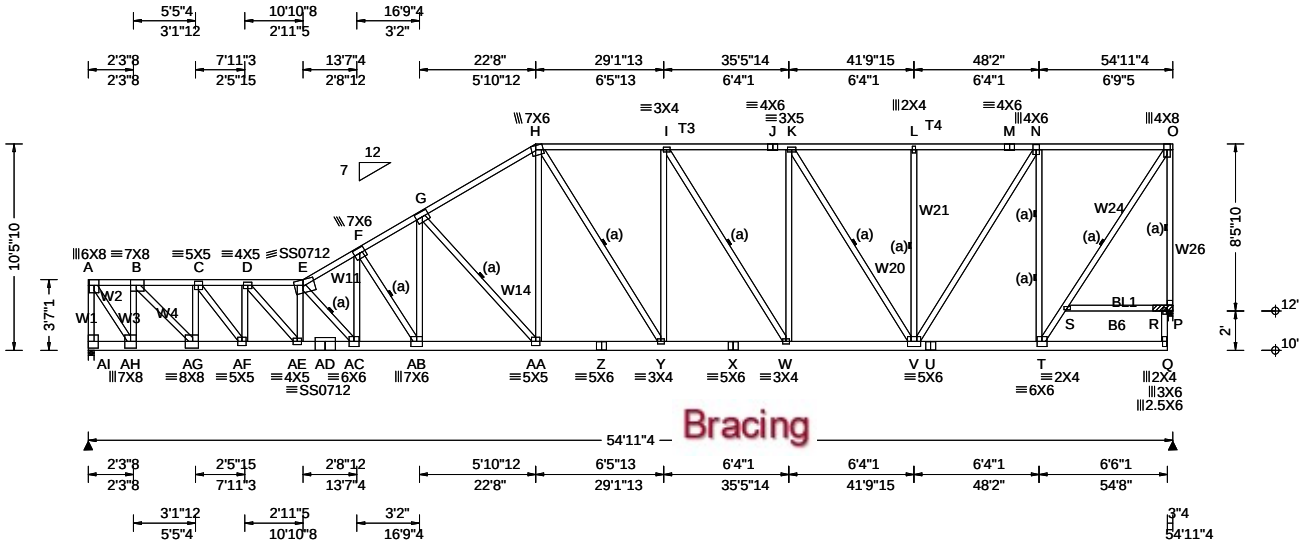
Glenview, IL 60025

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



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.427 AC 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.875 AC 753 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.117 A - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.241 A - -
NCBCLL:	10.00	Mean Height: 17.03 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.866
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.588
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.870
		C&C Dist a: 5.49 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
		GCpi: 0.18	WAVE, 18SS	
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AI	4165	/-	/-	/-	/517	/-
R	2483	/-	/-	/-	/418	/-

Wind reactions based on MWFRS
AI Brg Wid = 3.5 Min Req = 3.4 (Truss)
R Brg Wid = 2.8 Min Req = -
Bearings AI & 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.
A - B	332	- 2704	H - I	582	- 3632
B - C	754	- 6314	I - J	531	- 3259
C - D	989	- 7659	J - K	531	- 3259
D - E	1206	- 8727	K - L	418	- 2535
E - F	1128	- 7716	L - M	418	- 2535
F - G	919	- 6086	M - N	418	- 2535
G - H	700	- 4347	N - O	247	- 1480

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AH-AG	3049	- 376	AA- Z	3677	- 574
AG-AF	6480	- 785	Z - Y	3677	- 574
AF-AE	7785	- 1017	Y - X	3626	- 584
AE-AD	8844	- 1232	X - W	3626	- 584
AD-AC	8844	- 1232	W - V	3237	- 530
AC-AB	6527	- 948	V - U	1541	- 259
AB-AA	5154	- 775	U - T	1541	- 259

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AI	522	- 4110	AB- G	2285	- 230
A -AH	4852	- 596	G -AA	305	- 2246
AH- B	480	- 3825	H -AA	1817	- 166
B -AG	4919	- 569	I - W	103	- 714
AG- C	345	- 1833	W - K	746	- 25
C -AF	2086	- 361	K - V	213	- 1344
AF- D	312	- 1390	V - N	1900	- 304
D -AE	1532	- 307	N - T	447	- 2097
AE- E	290	- 1292	T - S	2692	- 450
E -AC	430	- 3494	S - O	2696	- 449
AC- F	2748	- 308	O - P	444	- 2430
F -AB	318	- 2490			

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,W14,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 DEFLCAMB1014 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.

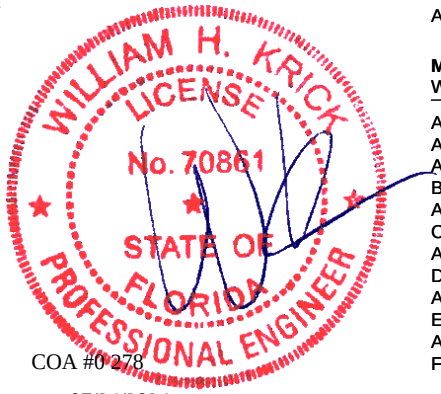
Bearing Block(s)

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 CNNAILSP1014 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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Glenview, IL 60025

Additional Notes

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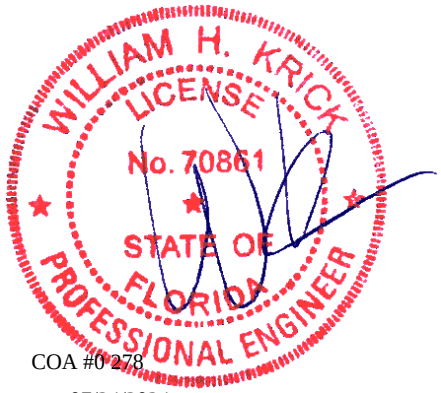

COA #0 278

07/24/2024

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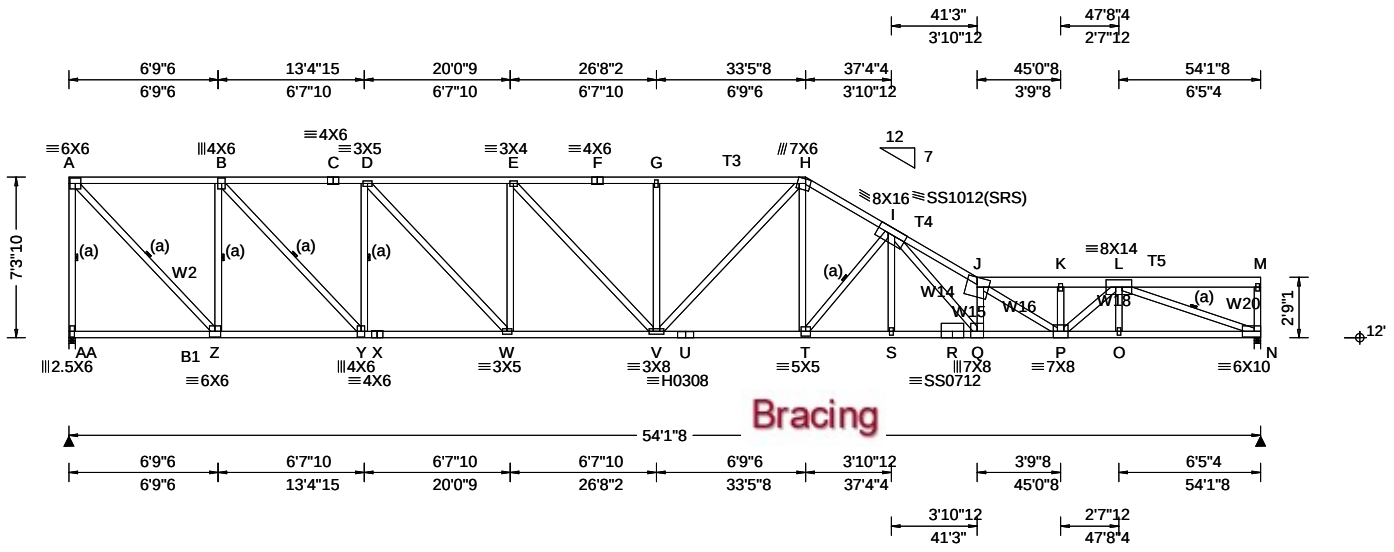
Glenview, IL 60025

SEQN: 33827 COMN FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** B25	Cust: R 215 JRef:1Y1S2150010 T125 DrwNo: 205.24.1501.33823 AK / WHK 07/23/2024	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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: 5.41 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.665	J	977	240
VERT(CL): 1.381	J	470	180
HORZ(LL): 0.169	A	-	-
HORZ(TL): 0.352	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.887
Max BC CSI: 0.892
Max Web CSI: 0.833

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AA	2250	/-	/-	/1161	/360	/120
N	2250	/-	/-	/1201	/170	/-

Wind reactions based on MWFRS
AA Brg Wid = 3.5 Min Req = 2.7 (Truss)
N Brg Wid = 3.5 Min Req = 2.1 (Support)
Bearings AA & N Fcperp = 565psi.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	704	- 1913	G - H	1702	- 4389
B - C	1172	- 3245	H - I	1819	- 4853
C - D	1172	- 3245	I - J	3819	- 10509
D - E	1515	- 4071	J - K	2629	- 7147
E - F	1702	- 4389	K - L	2628	- 7146
F - G	1702	- 4389			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Z - Y	1991	- 555	T - S	5598	- 1972
Y - X	3297	- 1003	S - R	5596	- 1972
X - W	3297	- 1003	R - Q	5596	- 1972
W - V	4101	- 1339	Q - P	9026	- 3241
V - U	4136	- 1417	P - O	5330	- 2013
U - T	4136	- 1417	O - N	5330	- 2013

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AA	885	- 2197	G - V	347	- 430
A - Z	2784	- 1024	H - T	1821	- 593
Z - B	820	- 1873	T - I	858	- 2257
B - Y	1869	- 694	I - Q	5417	- 2004
Y - D	578	- 1259	J - Q	1631	- 4208
D - W	1153	- 475	J - P	727	- 2229
W - E	420	- 722	P - L	2441	- 828
E - V	424	- 249	L - N	2140	- 5663

Lumber

Top chord: 2x4 SP #2; T3,T4 2x4 SP M-31;
T5 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP M-31; B1 2x4 SP #2;
Webs: 2x4 SP #3; W2 2x4 SP #2; W14,W15,W16,W18, W20 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 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: 0.66" DL: 0.71". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Additional Notes

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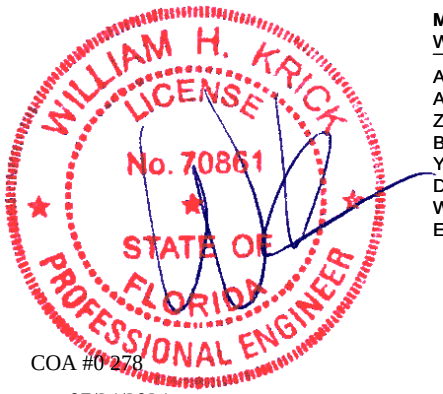

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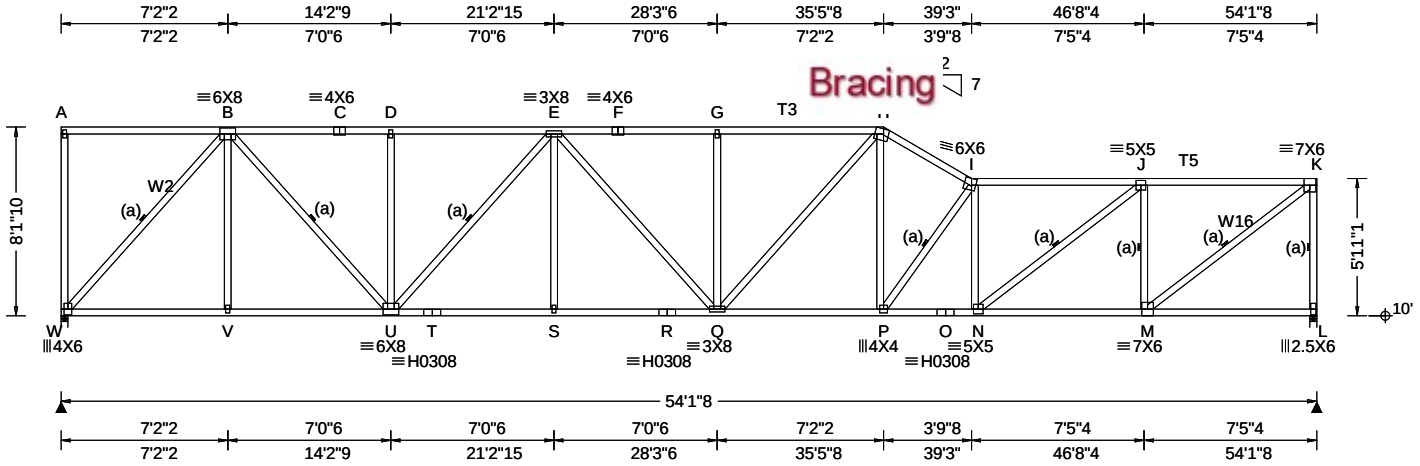
Glenview, IL 60025

SEQN: 33817 COMN FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** B26	Cust: R 215 JRef:1Y1S2150010 T146 DrwNo: 205.24.1501.38110 AK / WHK 07/23/2024



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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: 5.41 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.314	G	999	240
VERT(CL): 0.652	G	995	180
HORZ(LL): 0.105	A	-	-
HORZ(TL): 0.219	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.879
Max BC CSI: 0.415
Max Web CSI: 0.794

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
W	2250	/-	/-	/1136	/351	/58
L	2250	/-	/-	/1153	/223	/-

Wind reactions based on MWFRS
W Brg Wid = 3.5 Min Req = 1.9 (Truss)
L Brg Wid = 3.5 Min Req = 1.9 (Truss)
Bearings W & 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	1103	- 3045	G - H	1538	- 3922
C - D	1103	- 3046	H - I	1575	- 4149
D - E	1103	- 3045	I - J	1590	- 4276
E - F	1538	- 3922	J - K	1005	- 2598
F - G	1538	- 3922			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
W - V	1843	- 597	R - Q	3744	- 1303
V - U	1843	- 597	Q - P	3541	- 1312
U - T	3744	- 1303	P - O	4336	- 1615
T - S	3744	- 1303	O - N	4336	- 1615
S - R	3744	- 1303	N - M	2693	- 1050

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - B	1017	- 2729	P - I	587	- 1423
B - U	1801	- 677	I - N	490	- 1180
D - U	240	- 427	N - J	2031	- 693
U - E	447	- 1046	J - M	863	- 1835
G - Q	368	- 465	M - K	3282	- 1270
Q - H	564	- 205	K - L	930	- 2193
H - P	1295	- 434			

Lumber
Top chord: 2x4 SP #2; T3,T5 2x4 SP M-31;
Bot chord: 2x4 SP M-31;
Webs: 2x4 SP #3; W2 2x4 SP M-31; W16 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: 0.31" DL: 0.34". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Additional Notes
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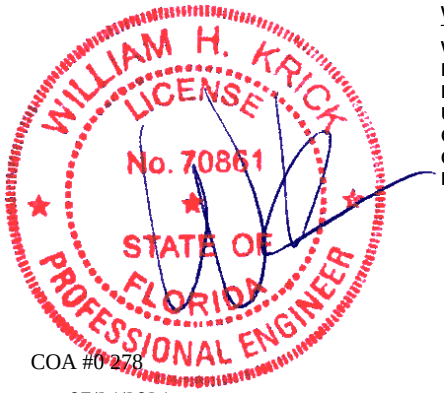

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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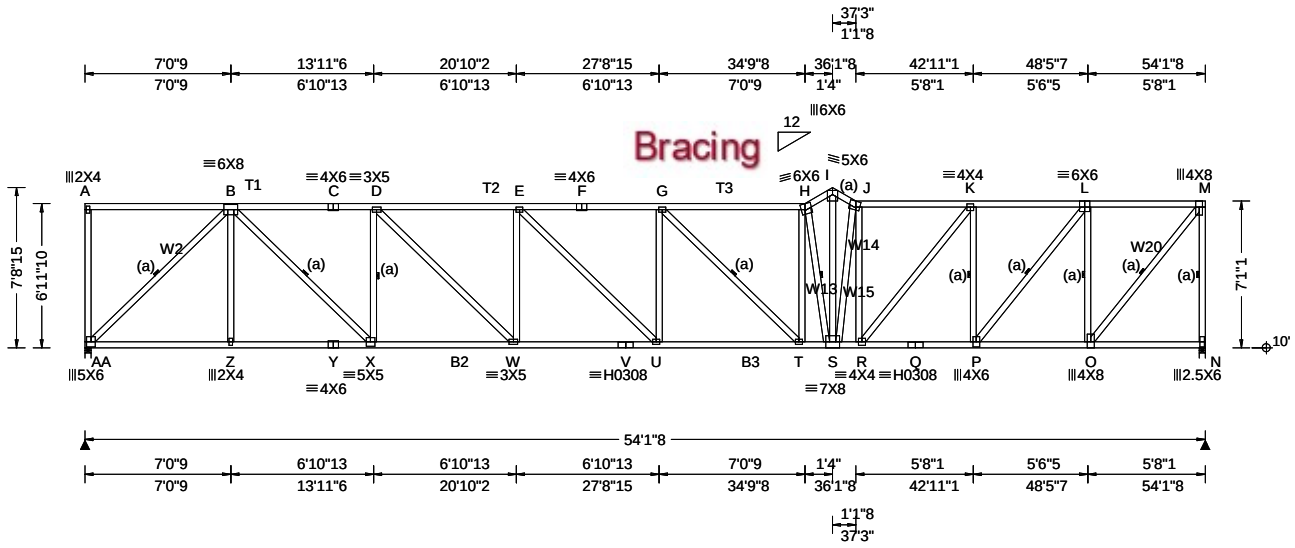
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33812 COMN FROM:	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	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.395 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.822 G 790 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.117 A - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.243 A - -
NCBCLL: 10.00	Mean Height: 17.36 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.779
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.840
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.848
	C&C Dist a: 5.41 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
AA	2250	/-	/-	/1115	/445	/21
N	2250	/-	/-	/1121	/443	/-

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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	2129	- 801	U - T	4609	- 1778
Z - Y	2129	- 801	T - S	4204	- 1621
Y - X	2129	- 801	S - R	3855	- 1477
X - W	3555	- 1283	R - Q	2999	- 1164
W - V	4373	- 1623	Q - P	2999	- 1164
V - U	4373	- 1623	P - O	1754	- 707

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AA- B	1096	- 2933	S - J	480	- 1107
B - X	1930	- 712	J - R	460	- 1030
X - D	566	- 1225	R - K	1330	- 480
D - W	1121	- 459	K - P	629	- 1423
W - E	397	- 663	P - L	1941	- 727
G - T	228	- 550	L - O	887	- 1934
T - H	464	- 77	O - M	2649	- 1061
H - S	1076	- 2699	M - N	943	- 2205
I - S	3843	- 1536			

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 DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Additional Notes

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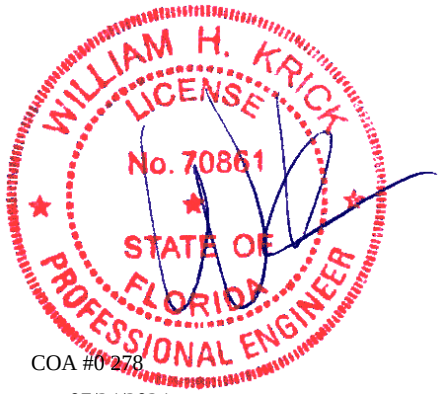

COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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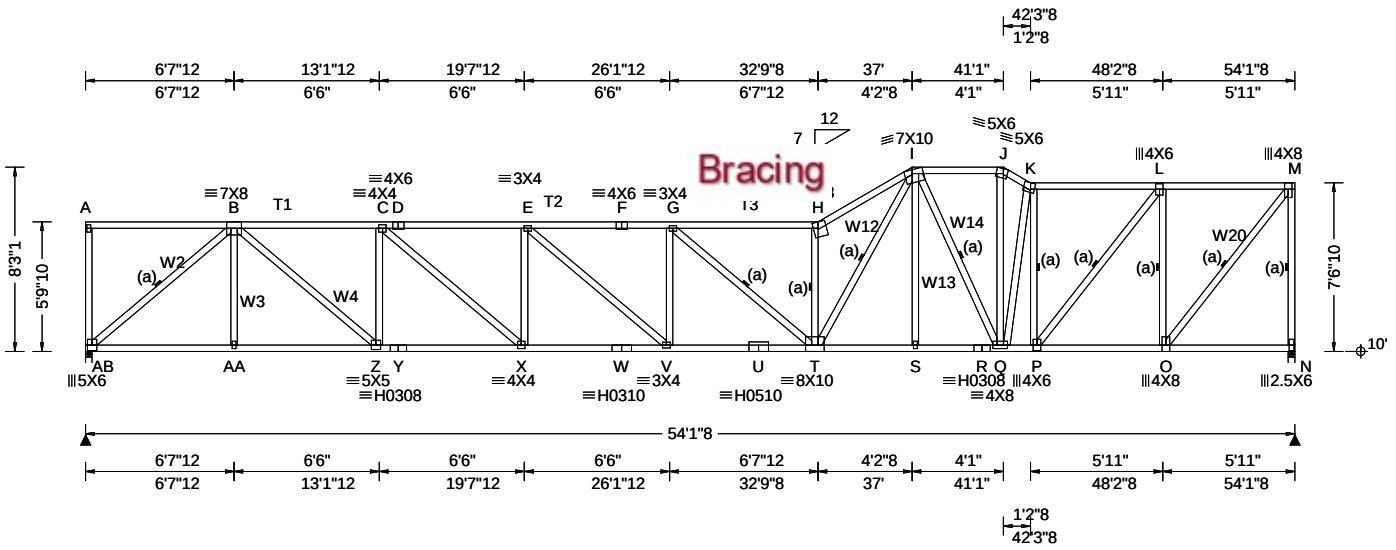
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105886 COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	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

▲Maximum Reactions (lbs)

Loc	Gravity 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			

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

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 DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Additional Notes

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COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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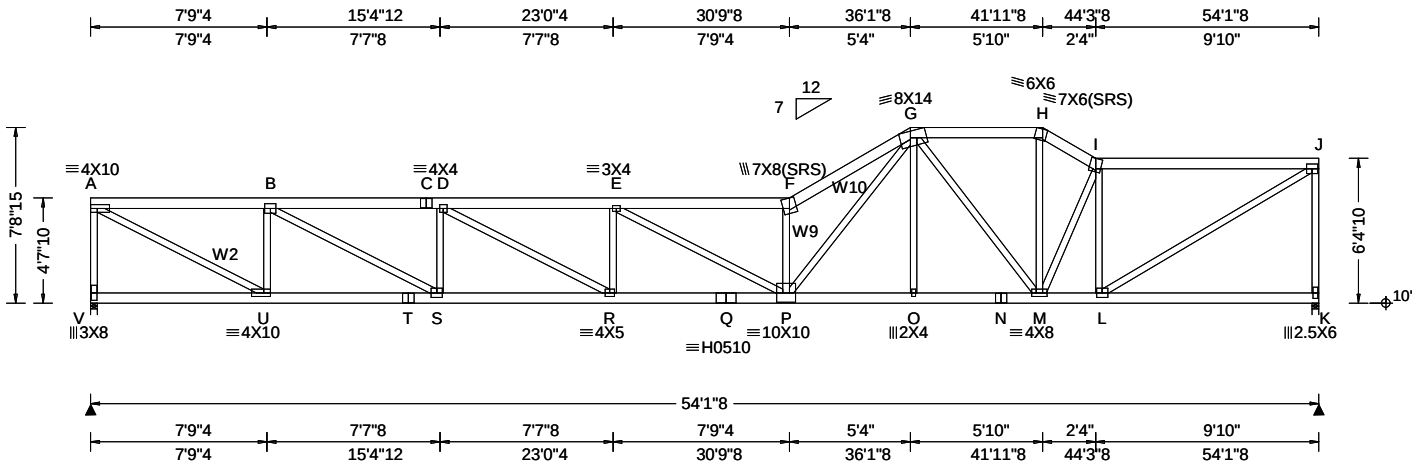
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33766 COMN FROM:	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	

3 Complete Trusses Required



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.472 E 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.957 E 678 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.085 A - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.173 A - -
NCBCLL:	0.00	Mean Height: 16.19 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.241
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.474
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.861
		C&C Dist a: 5.41 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 6.50 ft	Plate Type(s):	
		GCpi: 0.18	WAVE, HS	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-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			

Maximum Bot Chord 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			

Maximum Web Forces Per Ply (lbs)

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

Lumber

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;

Nailnote

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

Special Loads

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

TC: From	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

Plating Notes

All plates are 5X6 except as noted.

Wind

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

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: 0.47" DL: 0.48". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Additional Notes

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COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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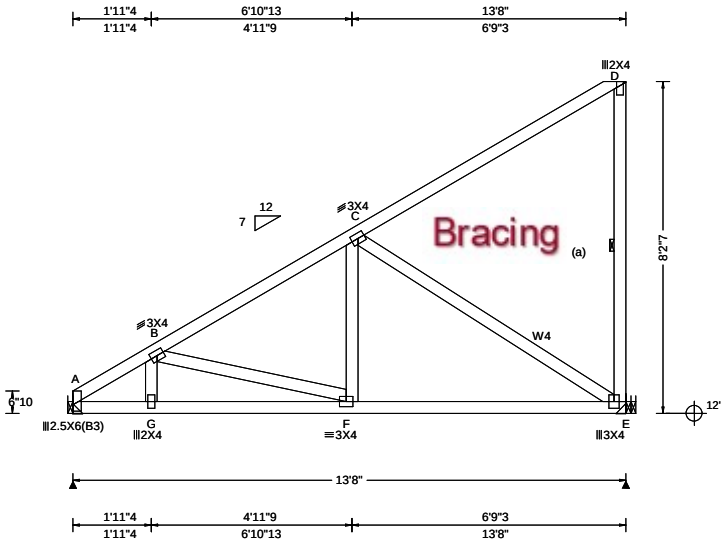
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34403 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.026	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

▲Maximum Reactions (lbs)

	Gravity			Non-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.

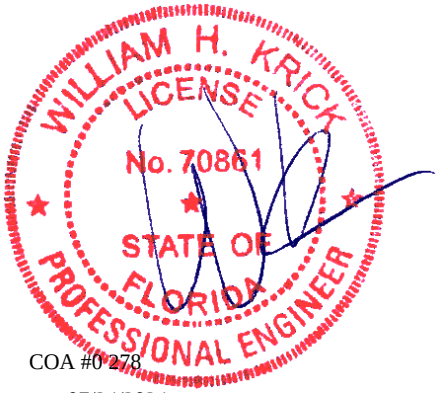
Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

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

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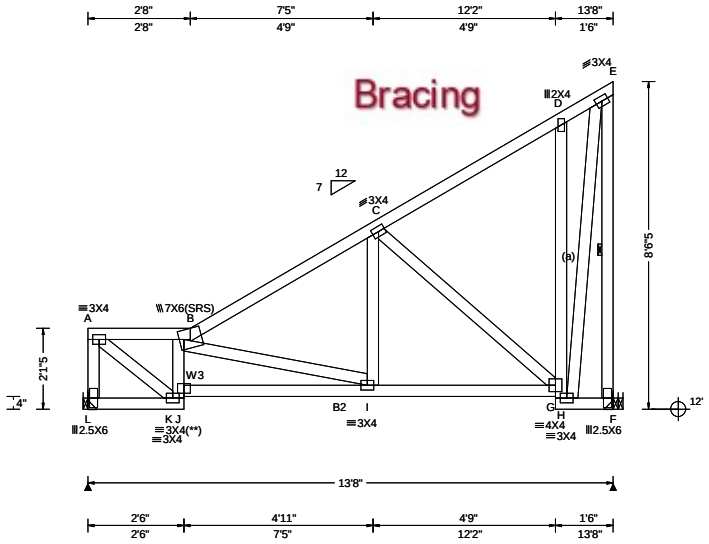
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34392 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	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

▲Maximum Reactions (lbs)

	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;

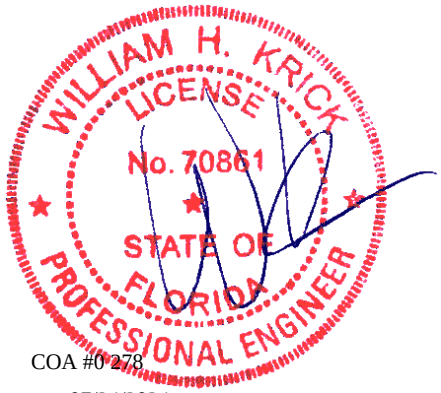
Bracing
(a) Continuous lateral restraint equally spaced on member.

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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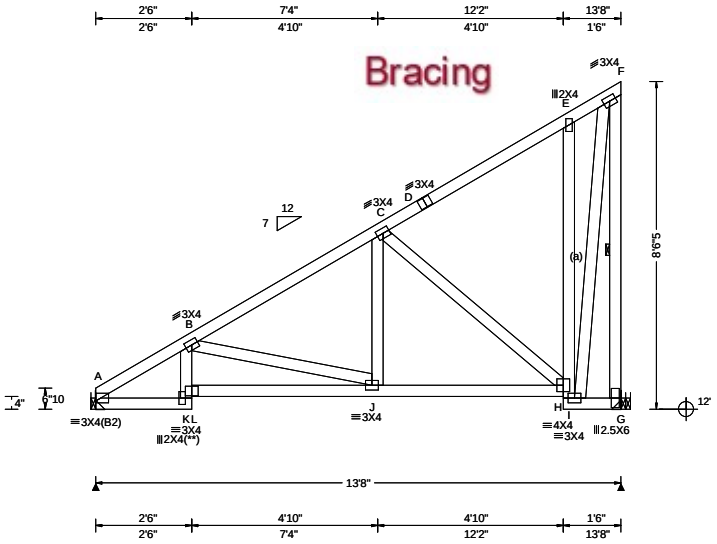
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34396 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.031	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

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
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

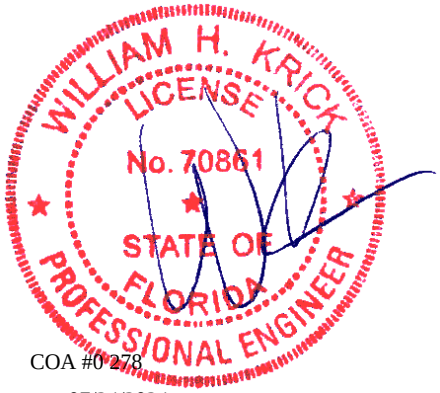
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



COA #0278
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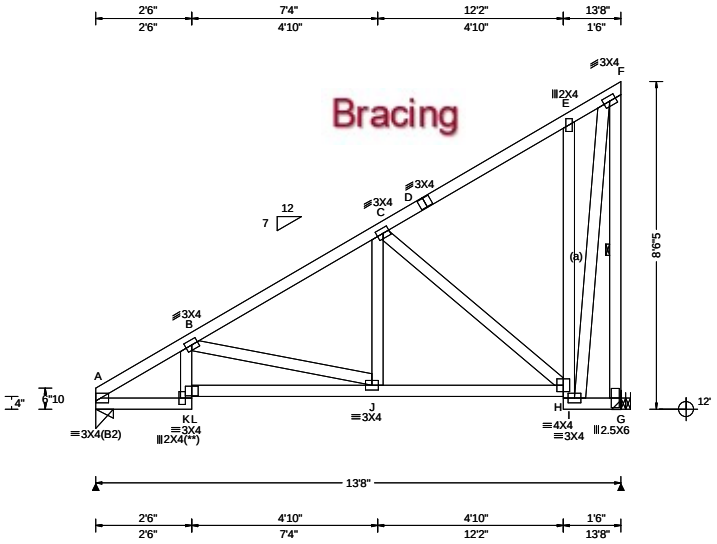
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34394 SPEC FROM:	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	



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.031	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	571	/-	/-	/356	/8	/282
G	565	/-	/-	/418	/181	/-

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

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

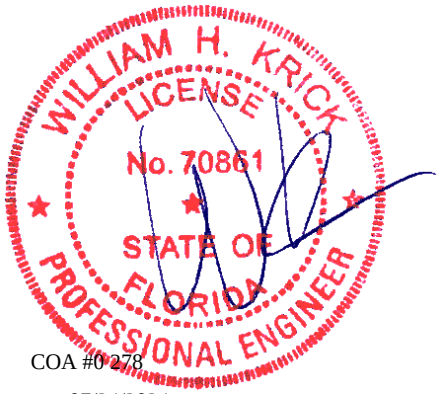
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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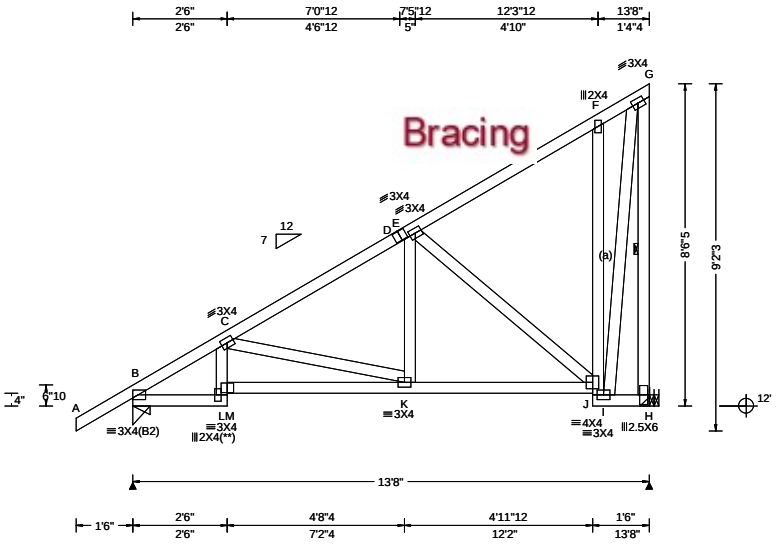
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34390 MONO FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.031	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

▲Maximum Reactions (lbs)

	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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	643	- 349	K - J	494	- 238
L - K	795	- 430			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
E - J	237	- 504	I - G	609	- 310
J - I	310	- 584	G - H	282	- 551

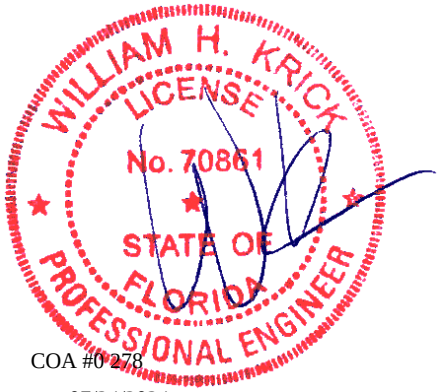
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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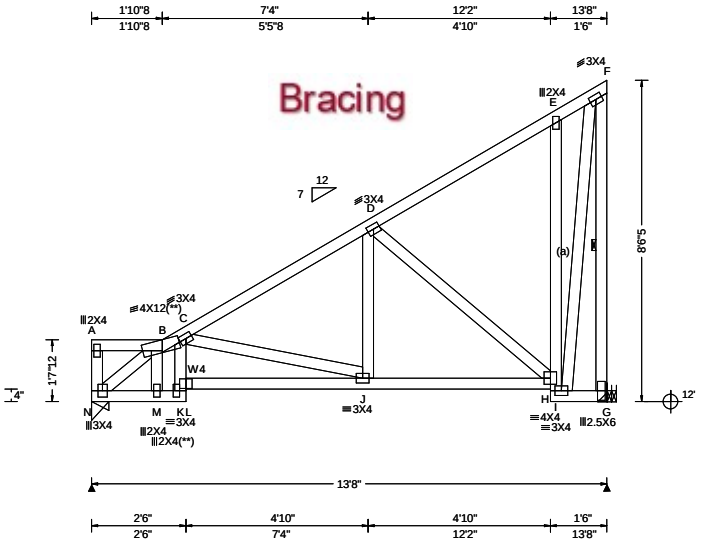
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34398 SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.025	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

▲Maximum Reactions (lbs)

	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

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

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.

COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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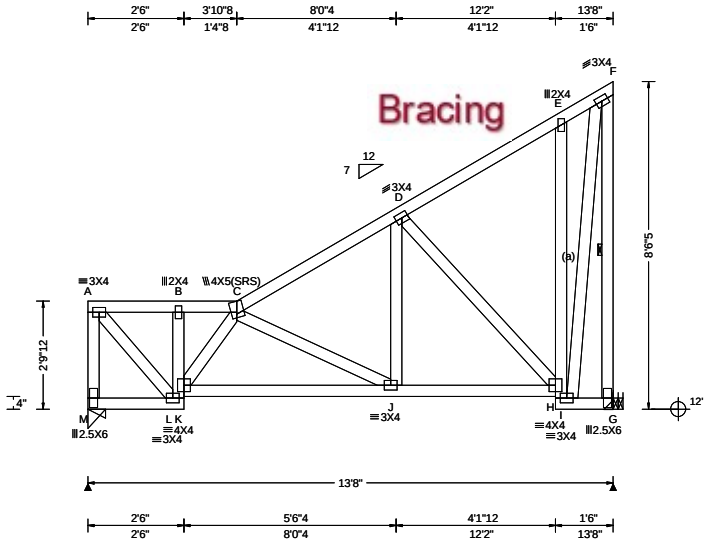
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 34400 SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.025	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

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / 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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	757	-535	J - I	443	-244

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	271	-552	D - I	274	-492
A - L	624	-220	I - H	334	-576
L - K	147	-417	H - F	601	-334
K - C	57	-391	F - G	318	-560

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

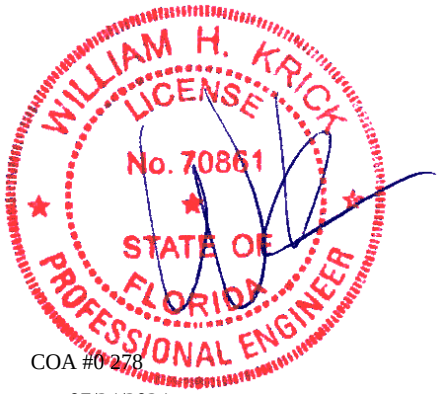
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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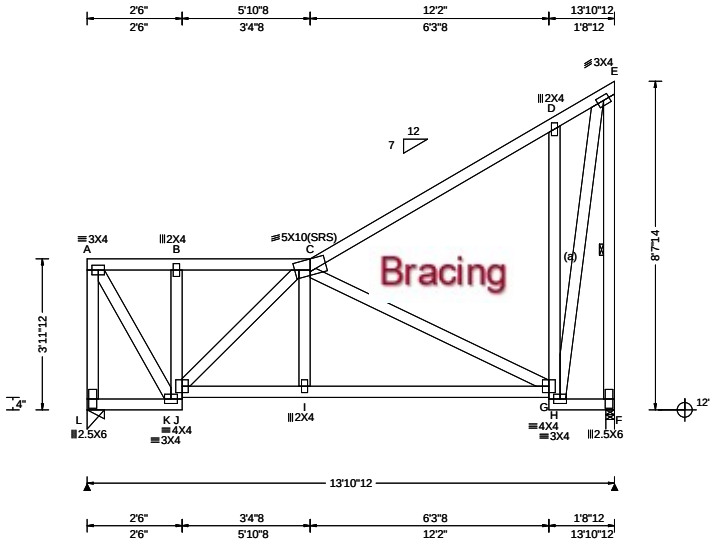
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33683 SPEC FROM:	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	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.023 I 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.048 I 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.027 G - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.056 G - -
NCBCLL:	10.00	Mean Height: 18.32 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.400
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.497
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.642
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 4.50 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	353	- 561	C - H	404	- 569
A - K	572	- 308	H - G	425	- 670
K - J	253	- 452	G - E	705	- 428
J - C	19	- 419	E - F	351	- 570

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 #0 278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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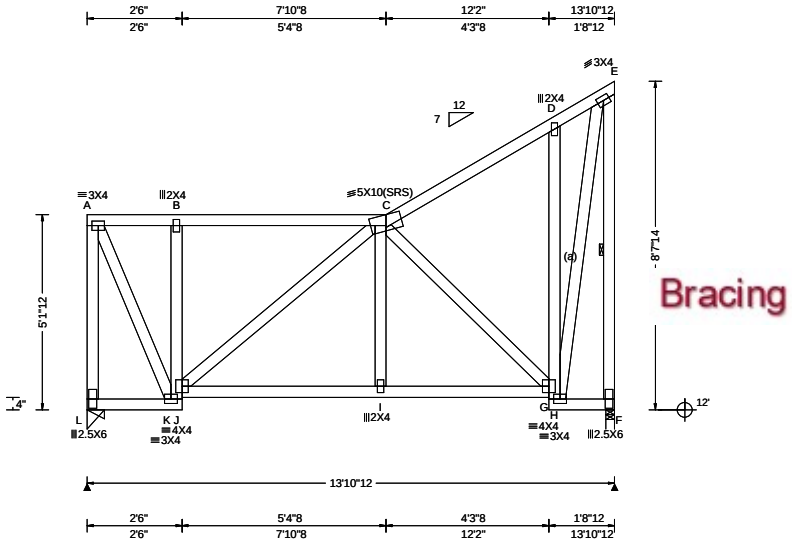
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33685 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.018	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

▲Maximum Reactions (lbs)

	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

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

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

07/24/2024

Florida Certificate of Product Approval #FL 1999

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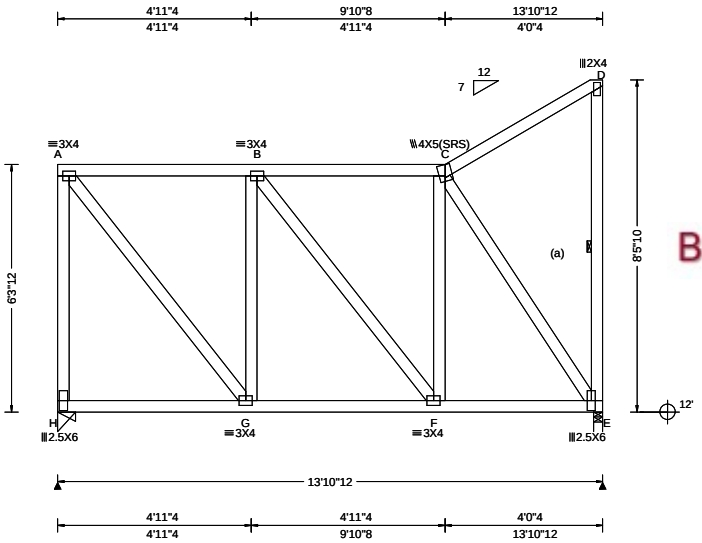
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33687 COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.009	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

▲Maximum Reactions (lbs)

	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

Maximum Web Forces Per Ply (lbs)

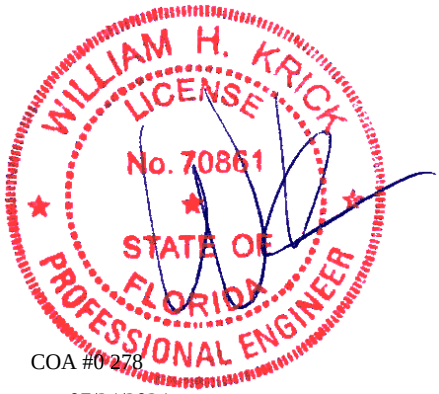
Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	485	- 539	C - E	482	- 526
A - G	525	- 388			

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

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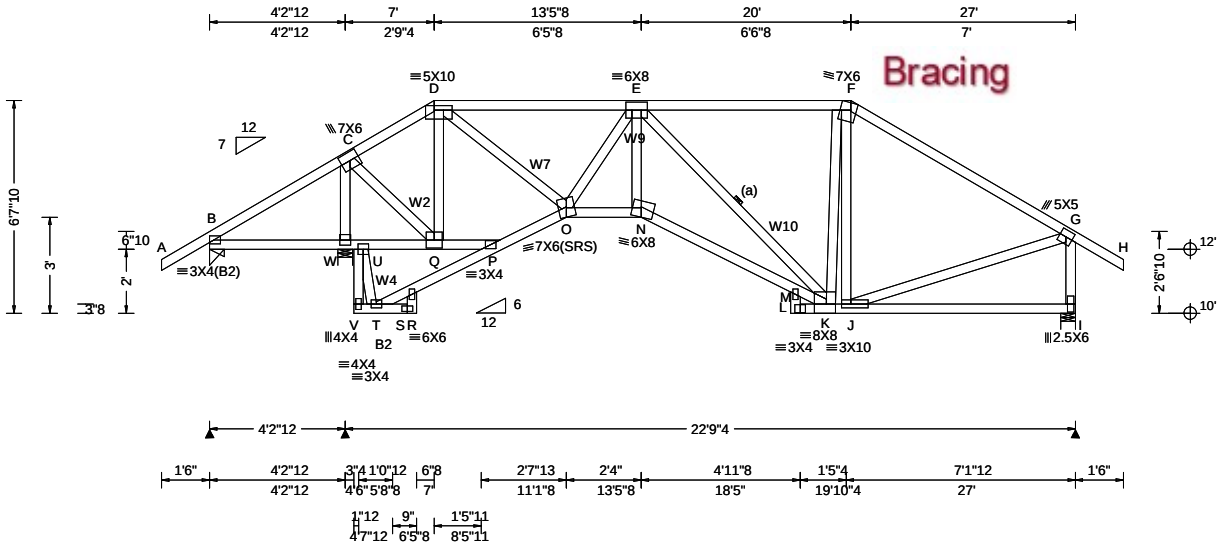
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 105889 HIPS FROM: Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** C01		Cust: R 215 JRef:1Y1S2150010 T72 DrwNo: 205.24.1503.53940 AK / WHK 07/23/2024	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**				
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in	loc	L/defl	L/#	
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL):	0.151 N	999	240	
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL):	0.305 N	897	180	
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	-0.066 V	-	-	
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL):	0.133 V	-	-	
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.440			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.729			
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI:	0.800			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: not in 4.50 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18				
		GCpi: 0.18	WAVE					
		Wind Duration: 1.60						

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	200	/-367	/-	/249	/-	/-
W	3621	/-	/-	/-	/1221	/-
I	2168	/-	/-	/-	/629	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
W Brg Wid = 5.5 Min Req = 2.6 (Truss)
I Brg Wid = 5.5 Min Req = 1.8 (Truss)
Bearings B, W, & 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	1159	- 570	E - F	659	- 2131
C - D	282	- 1187	F - G	747	- 2437
D - E	1018	- 3232			

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
Q - 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			

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.

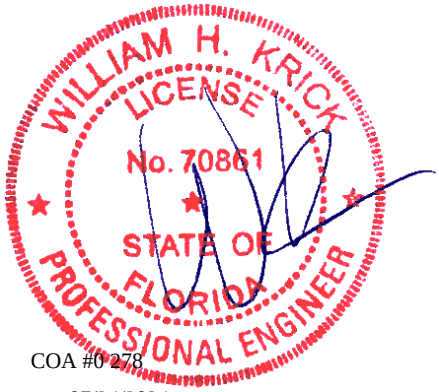
Right end vertical not exposed to wind pressure.

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).



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

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

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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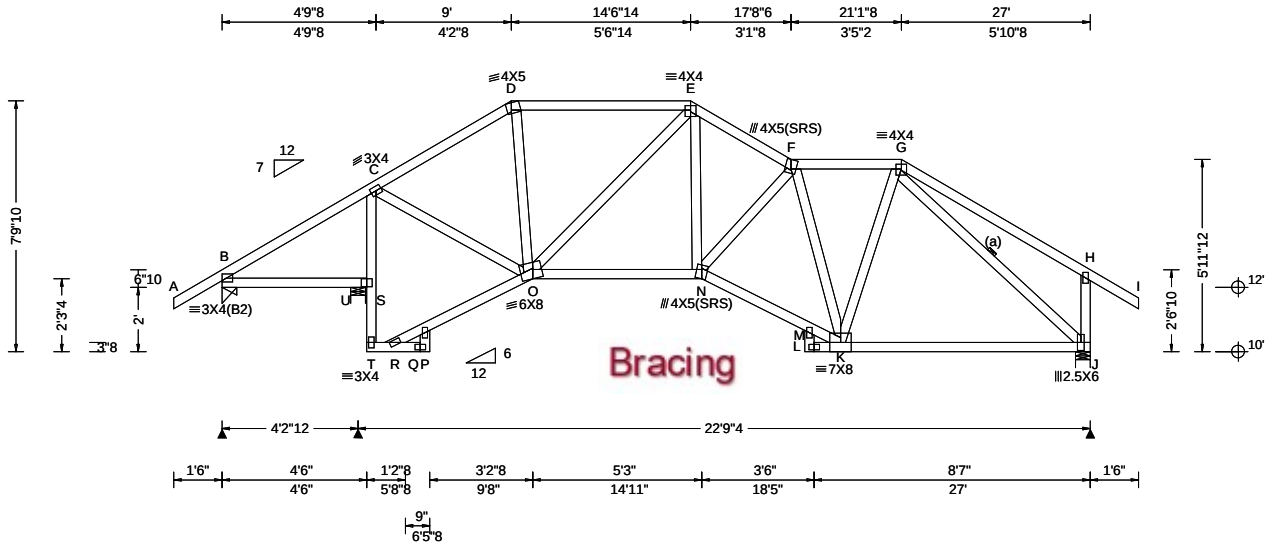
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18860 / COMN FROM:	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	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.058 N 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.117 N 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.040 J - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.082 J - -
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.546
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.771
Spacing:	24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.538
		C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-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.
C - D	474	- 890	E - F	647	- 1271
D - E	456	- 729	F - G	459	- 848

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	1023	- 338	L - K	1224	- 439
N - L	1217	- 461	K - J	711	- 251

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - C	362	- 1008	F - K	423	- 839
C - O	765	- 215	K - G	467	- 143
O - E	207	- 439	G - J	339	- 951
E - N	642	- 231			

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.

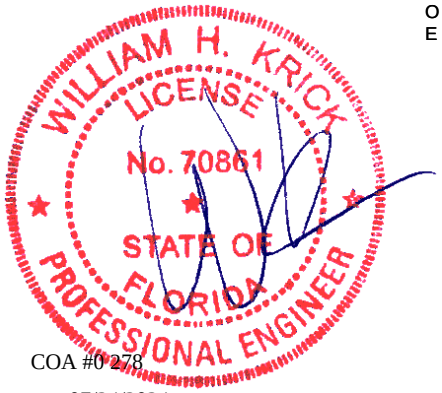
Wind

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)



COA #0 278
07/24/2024
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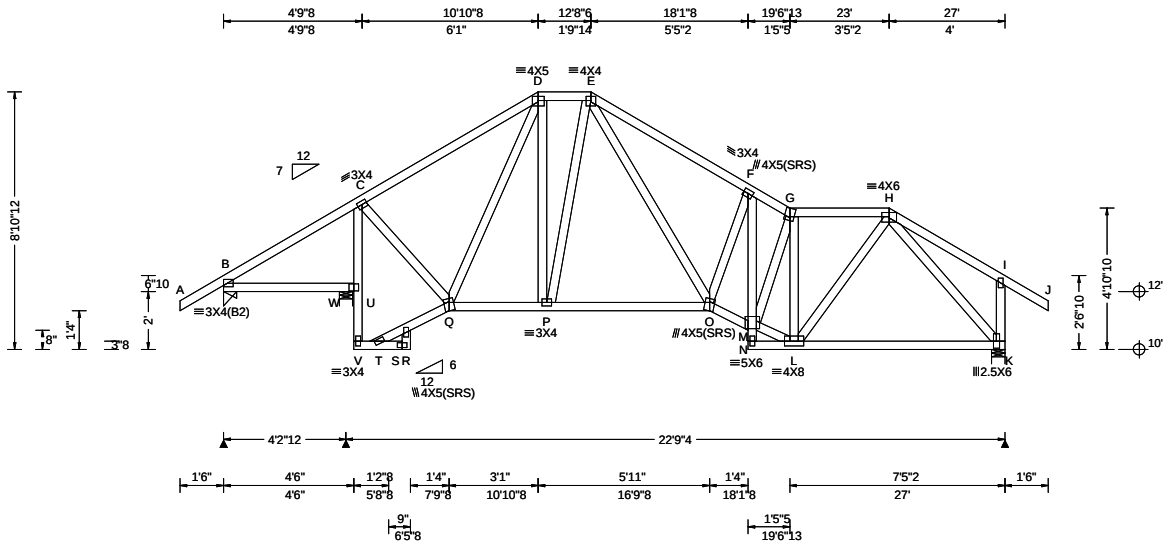
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47518 / COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.29 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.059	O	999	240
VERT(CL): 0.119	O	999	180
HORZ(LL): 0.036	K	-	-
HORZ(TL): 0.074	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.430
Max BC CSI: 0.780
Max Web CSI: 0.658

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	257	/-	/-	/150	/85	/209
W	1204	/-	/-	/773	/168	/-
K	1038	/-	/-	/645	/188	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
W Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, W, & 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.
C - D	328	- 610	F - G	536	- 1273
D - E	366	- 618	G - H	439	- 1014
E - F	581	- 1313			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	604	- 66	O - M	1201	- 332
P - O	672	- 94	L - K	641	- 201

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - C	268	- 1037	M - L	1168	- 336
C - Q	607	- 47	G - L	400	- 940
Q - D	68	- 420	L - H	640	- 180
E - O	778	- 321	H - K	306	- 956

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.

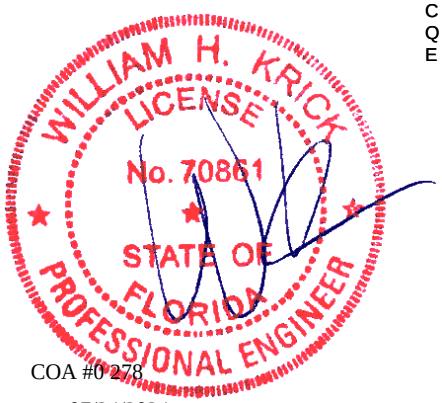
Wind

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.

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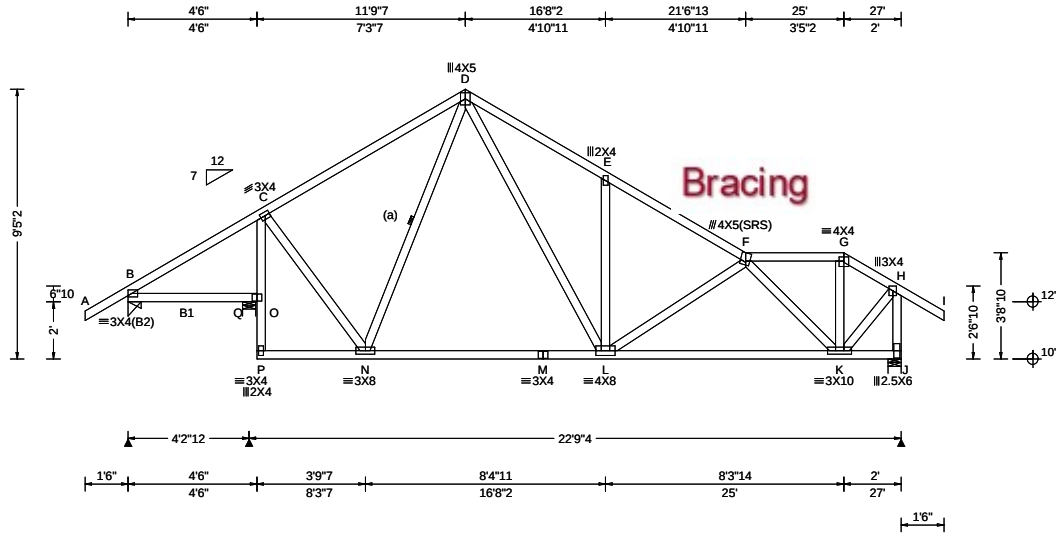
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47508 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.049	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

▲Maximum Reactions (lbs)

	Gravity			Non-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.
C - D	102	-559	F - G	73	-591
D - E	186	-1077	G - H	103	-722
E - F	188	-1084			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	513	-96	L - K	1152	-206
M - L	513	-96			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - C	227	-1061	F - K	192	-811
C - N	584	-62	K - H	846	-107
D - L	757	-86	H - J	191	-1144

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

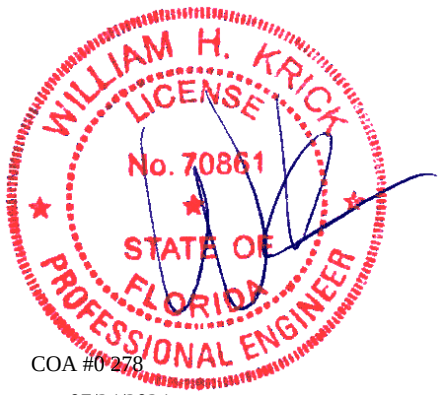
TC: 64 lb Conc. Load at 24.97
BC: 45 lb Conc. Load at 24.97

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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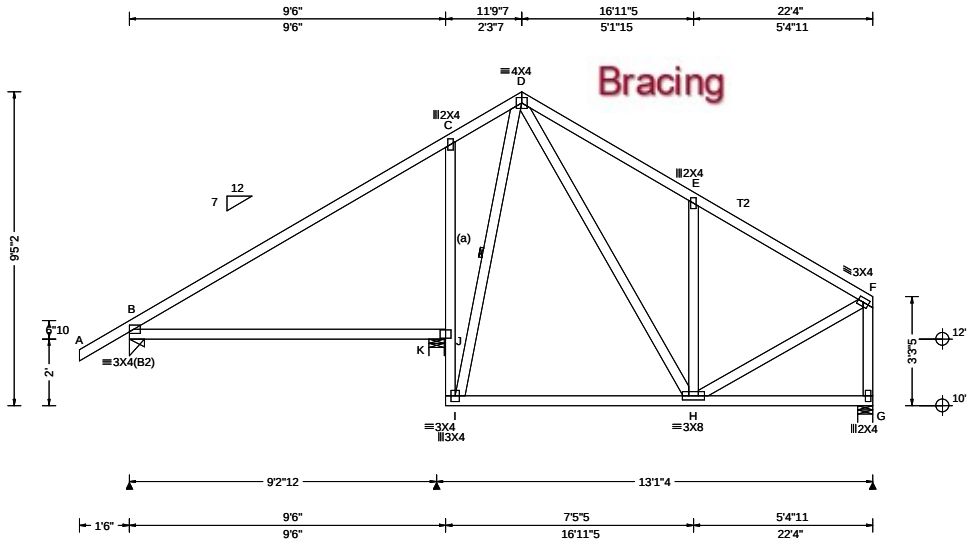
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47495 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.026	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	489	/-	/-	/258	/59	/196
K	931	/-	/-	/625	/1	/-
G	547	/-	/-	/364	/47	/-

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.
D - E	305	-475	E - F	155	-455

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - J	341	-575	H - E	243	-391
D - H	419	-150	F - G	168	-509

Lumber

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

Bracing

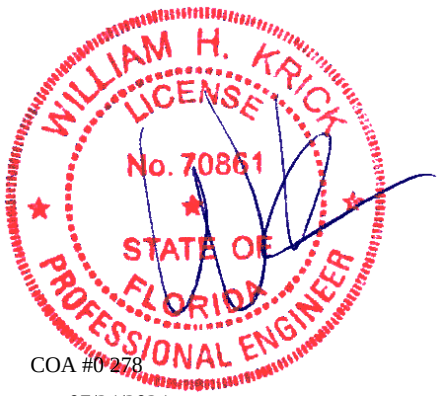
(a) Continuous lateral restraint equally spaced on member.

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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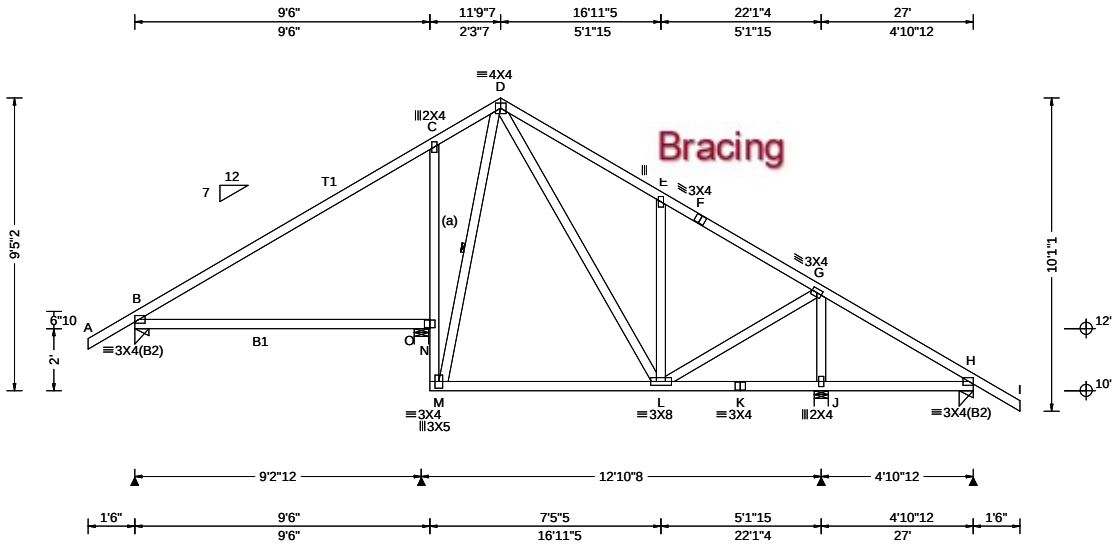
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47491 / SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.016	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

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
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#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	463	-224	F - G	236	-473
D - E	372	-478			

Maximum Web Forces Per Ply (lbs)

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			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

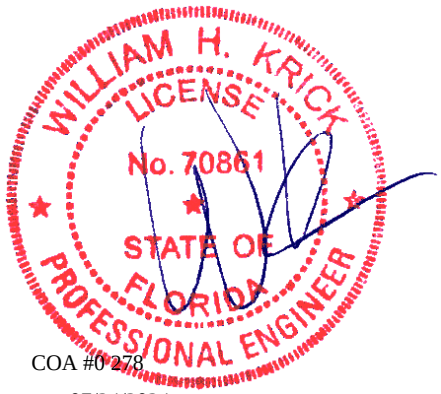
Loading

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

Wind

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

Wind loading based on both gable and hip roof types.



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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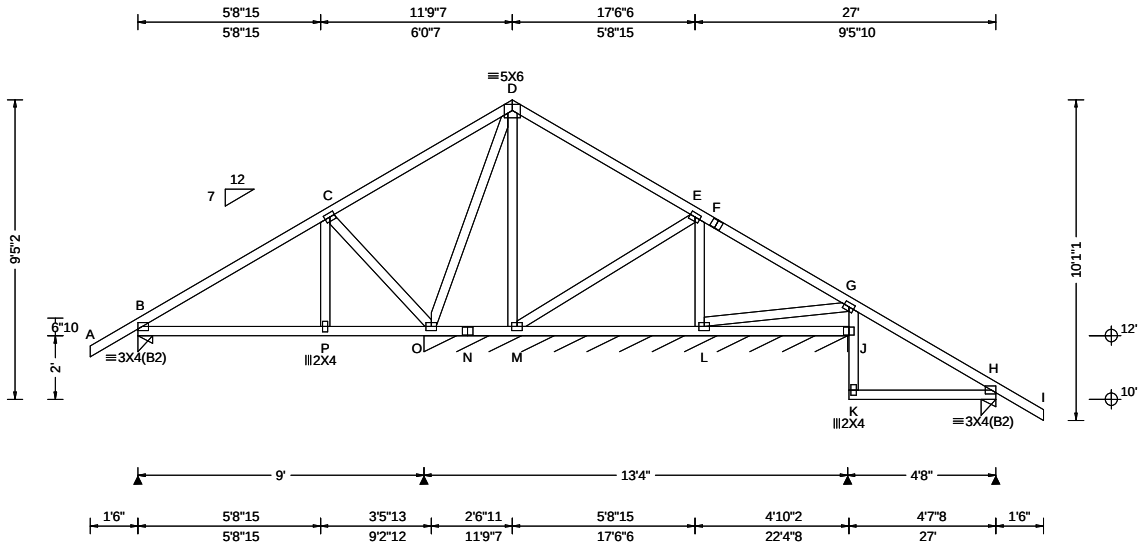
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47534 / SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	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

▲Maximum Reactions (lbs), or *=PLF

	Gravity			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#

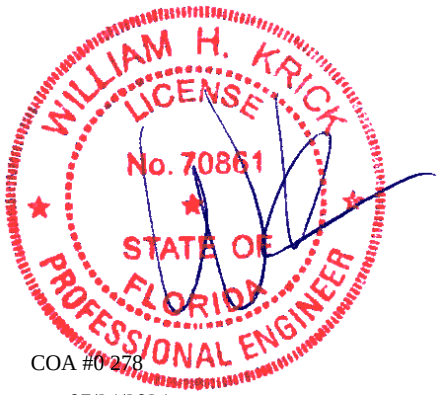
Maximum Web Forces Per Ply (lbs)

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
Florida Certificate of Product Approval #FL 1999

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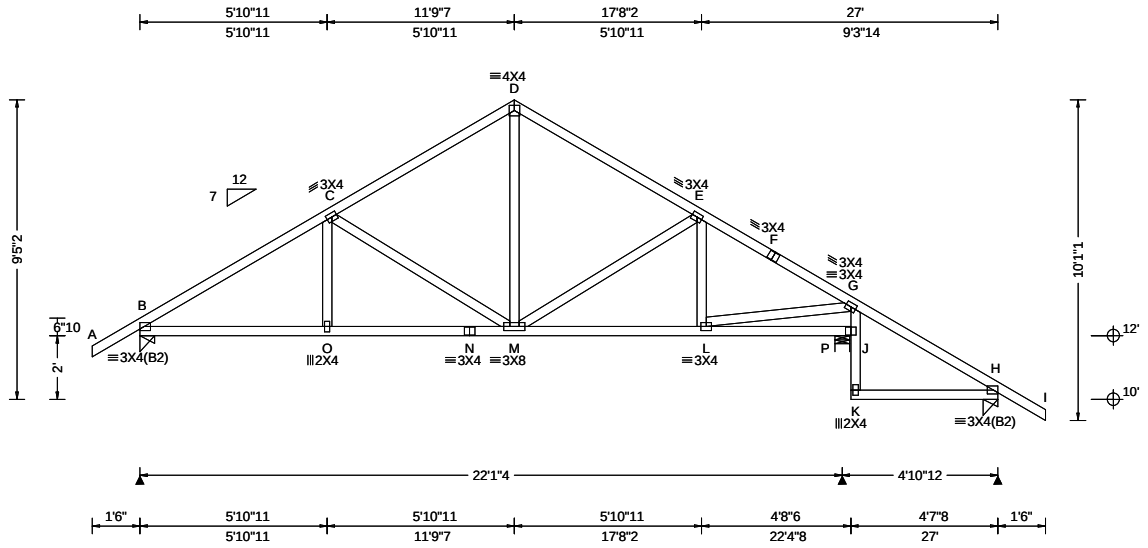
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47484 / SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.050	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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.
B - C	276	- 1363	E - F	256	- 1020
C - D	277	- 941	F - G	243	- 1093
D - E	275	- 941			

Maximum Bot Chord Forces Per Ply (lbs)

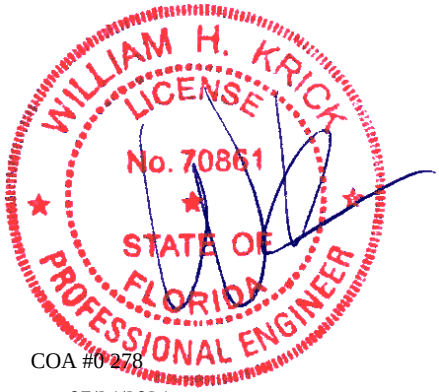
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	1090	- 82	N - M	1088	- 83
O - N	1088	- 83	M - L	899	- 31

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

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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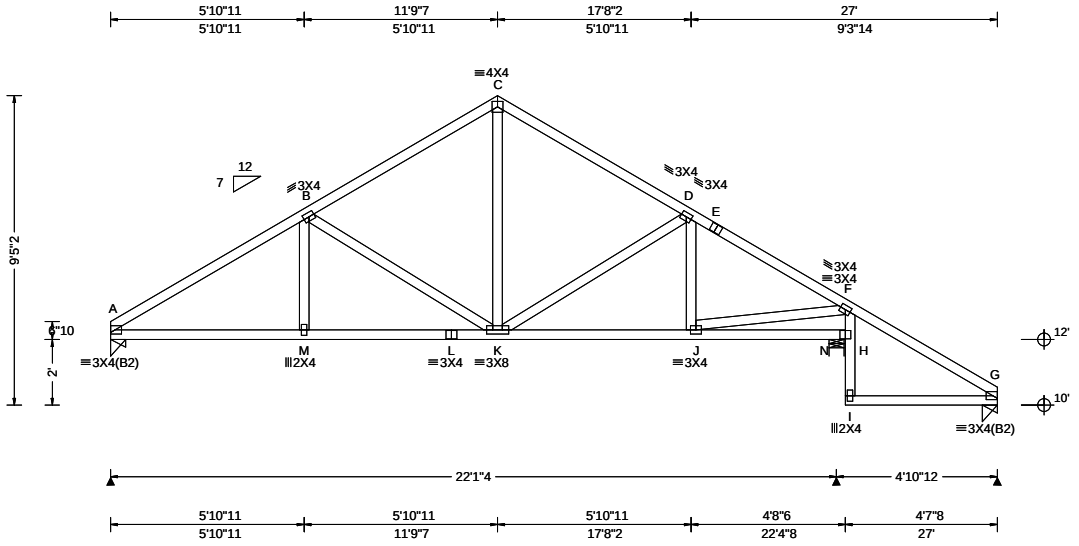
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47486 / SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.047	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

▲Maximum Reactions (lbs)

Loc	R+	Gravity / R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
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.
A - B	299	-1384	D - E	244	-977
B - C	283	-948	E - F	239	-1098
C - D	272	-947			

Maximum Bot Chord Forces Per Ply (lbs)

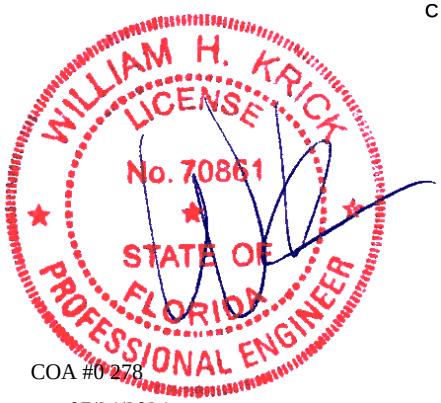
Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - M	1112	-102	L - K	1111	-104
M - L	1111	-104	K - J	903	-61

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

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

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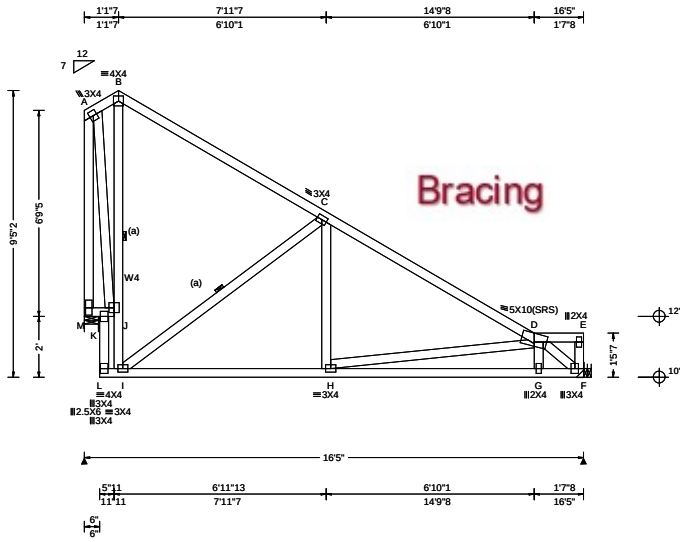
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33565 SPEC FROM:	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	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.027 H 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.056 H 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.134 H - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.187 H - -
NCBCLL:	10.00	Mean Height: 15.44 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.587
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.512
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.623
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

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

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.

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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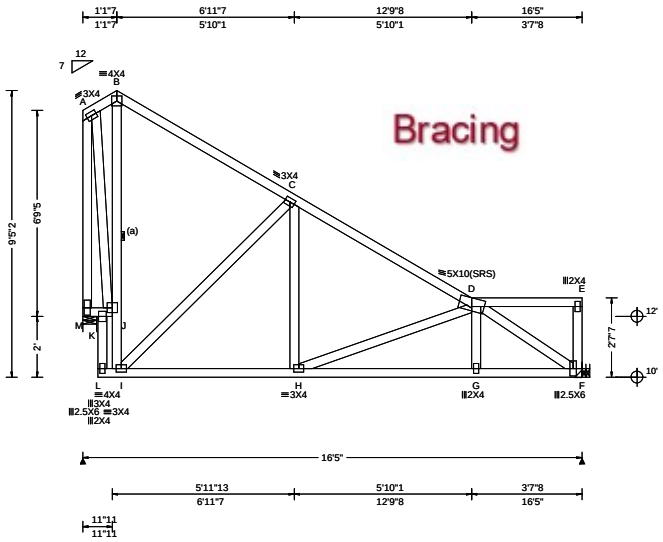
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33567 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.02 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.027	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

▲Maximum Reactions (lbs)

		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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	522	- 22	G - F	893	- 265
H - G	887	- 268			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	287	- 628	I - C	254	- 608
A - J	598	- 343	H - D	264	- 383
J - I	510	- 171	D - F	309	- 1053

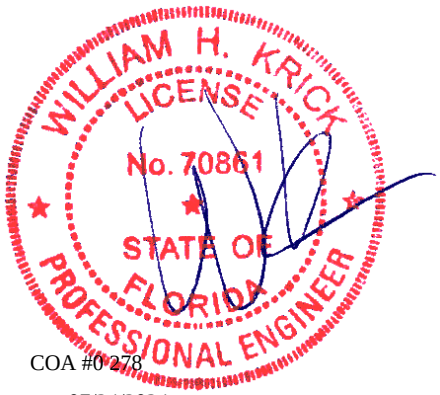
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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
Florida Certificate of Product Approval #FL 1999

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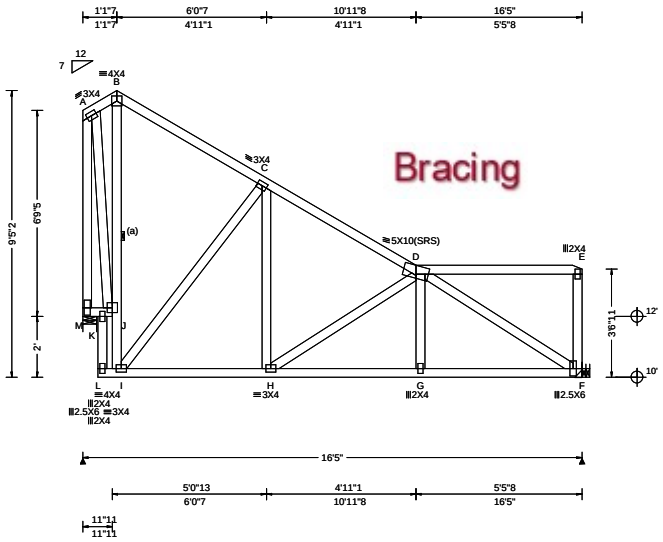
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33689 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.026	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

▲Maximum Reactions (lbs)

		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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	440	- 40	G - F	789	- 288
H - G	785	- 290			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	302	- 623	C - H	377	- 131
A - J	569	- 337	H - D	301	- 408
J - I	503	- 202	D - F	327	- 916
I - C	271	- 580			

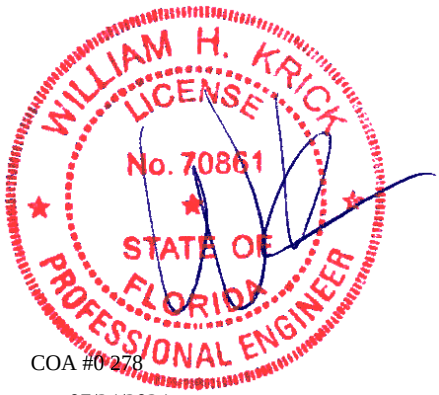
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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
Florida Certificate of Product Approval #FL 1999

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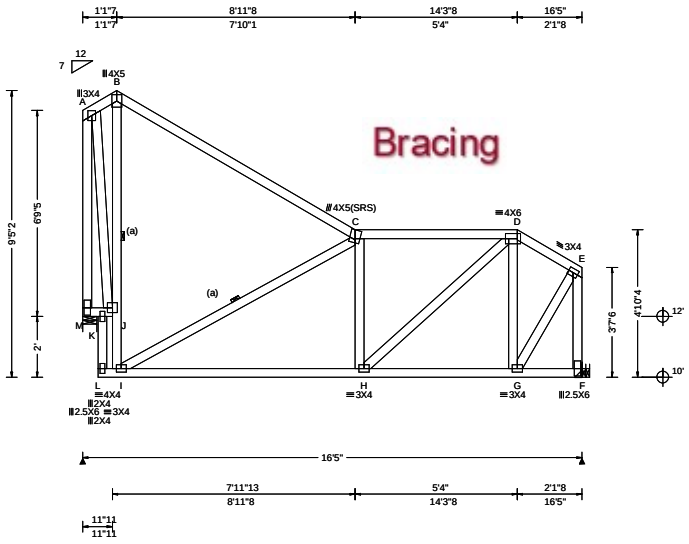
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33691 SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.52 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.026	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
I - H	682	-255

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	318	-650	H - D	506	-128
A - J	742	-424	D - G	266	-389
J - I	620	-154	G - E	540	-276
I - C	433	-654	E - F	321	-668

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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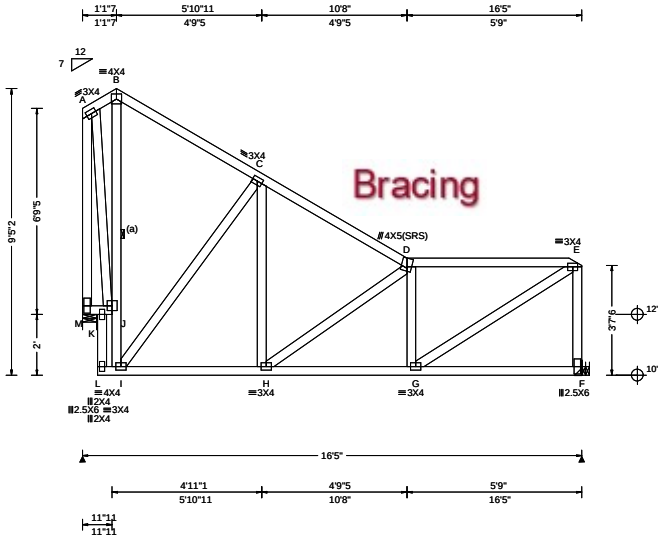
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33703 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.64 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.026	H	999	240
VERT(CL): 0.054	H	999	180
HORZ(LL): 0.096	H	-	-
HORZ(TL): 0.145	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.458
Max BC CSI: 0.328
Max Web CSI: 0.691

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh		/ Rw	/ U	/ RL
M	683	/-	/-		/445	/71	/146
F	681	/-	/-		/358	/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.	Chords	Tens.	Comp.
C - D	153	- 586	D - E	273	- 736

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	428	- 43	H - G	765	- 292

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	305	- 623	C - H	380	- 145
A - J	565	- 336	H - D	308	- 410
J - I	504	- 208	G - E	838	- 298
I - C	274	- 577	E - F	349	- 634

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
Florida Certificate of Product Approval #FL 1999

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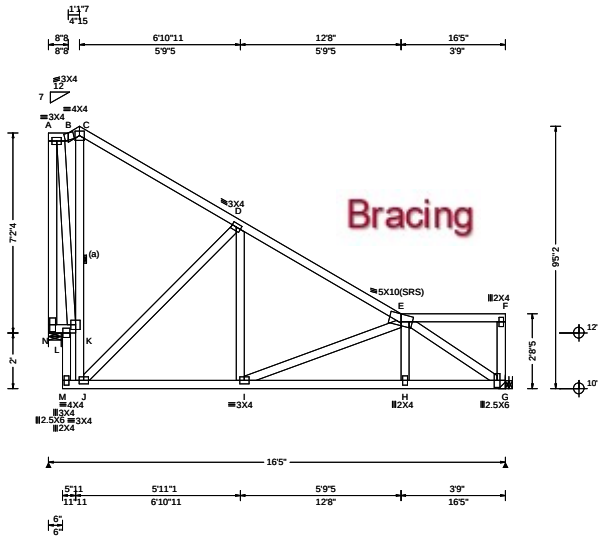
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33705 SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.027	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	517	-12	H - G	885	-255
I - H	879	-259			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	332	-626	J - D	256	-607
A - K	635	-390	I - E	266	-383
K - J	506	-176	E - G	297	-1043

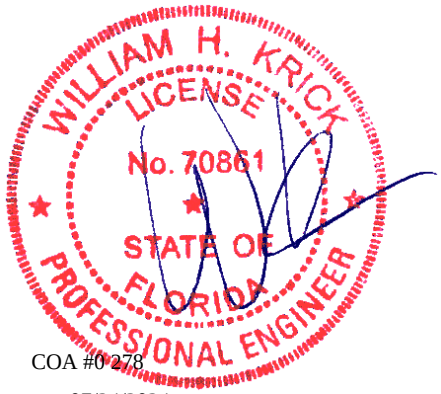
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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
Florida Certificate of Product Approval #FL 1999

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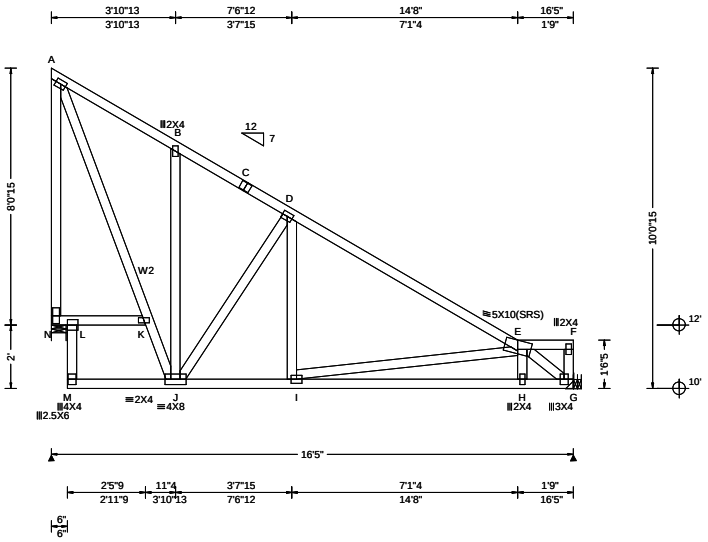
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33700 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.059	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	683	/-	/-	/487	/86	/223
G	683	/-	/-	/413	/7	/-

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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	570	0	H - G	1054	- 226
I - H	1042	- 235			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	294	- 646	J - D	216	- 525
A - K	749	- 348	I - E	285	- 470
K - J	742	- 235	E - G	275	- 1284

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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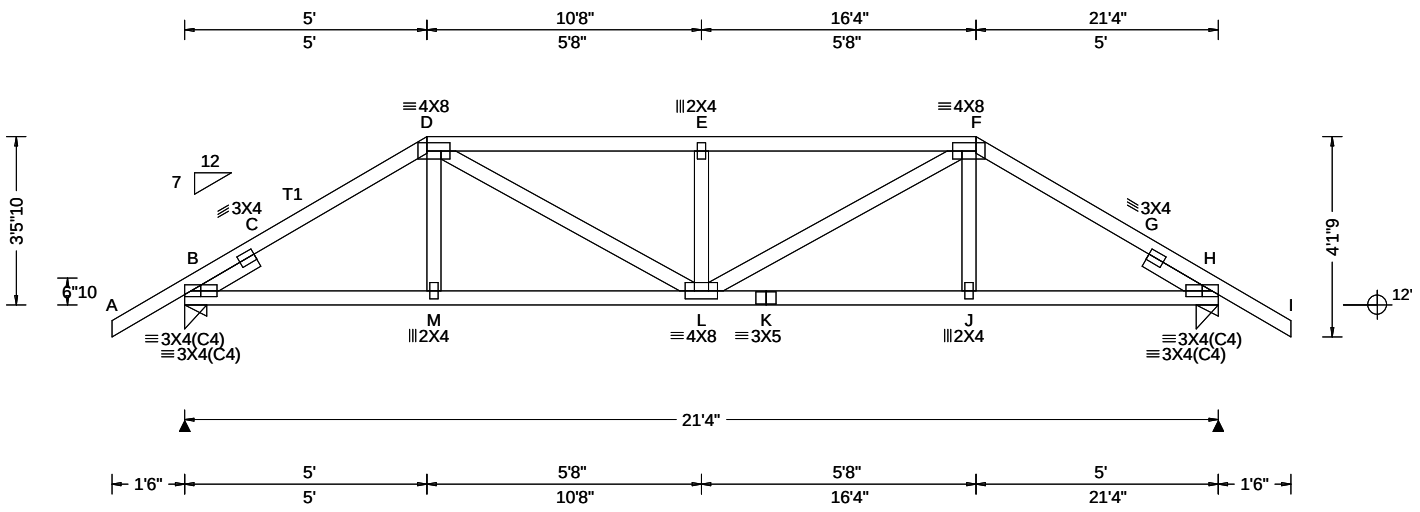
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105892 HIPS FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.101 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

▲Maximum Reactions (lbs)

	Gravity			Non-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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	2343	- 555	K - J	2371	- 559
M - L	2366	- 557	J - H	2349	- 558
L - K	2371	- 559			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - M	542	- 25	L - F	1213	- 359
D - L	1220	- 361	J - F	547	- 26
E - L	353	- 672			

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

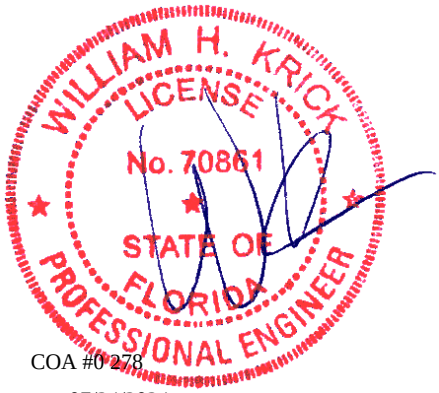
Purlins

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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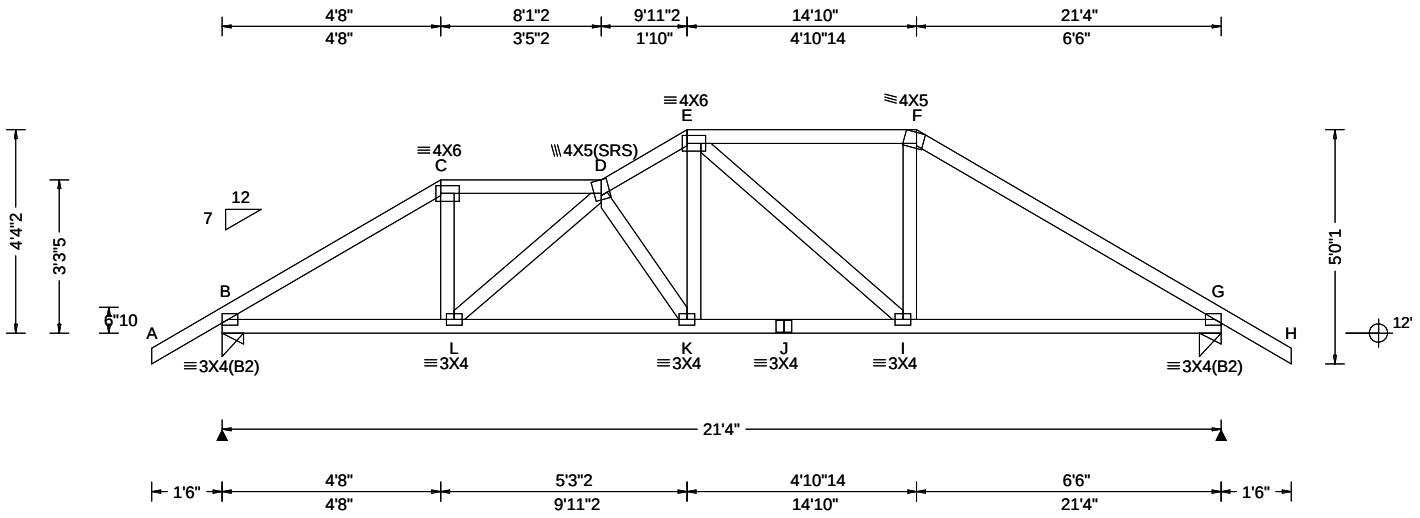
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46415 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.059	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

▲Maximum Reactions (lbs)

	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			

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

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
07/24/2024

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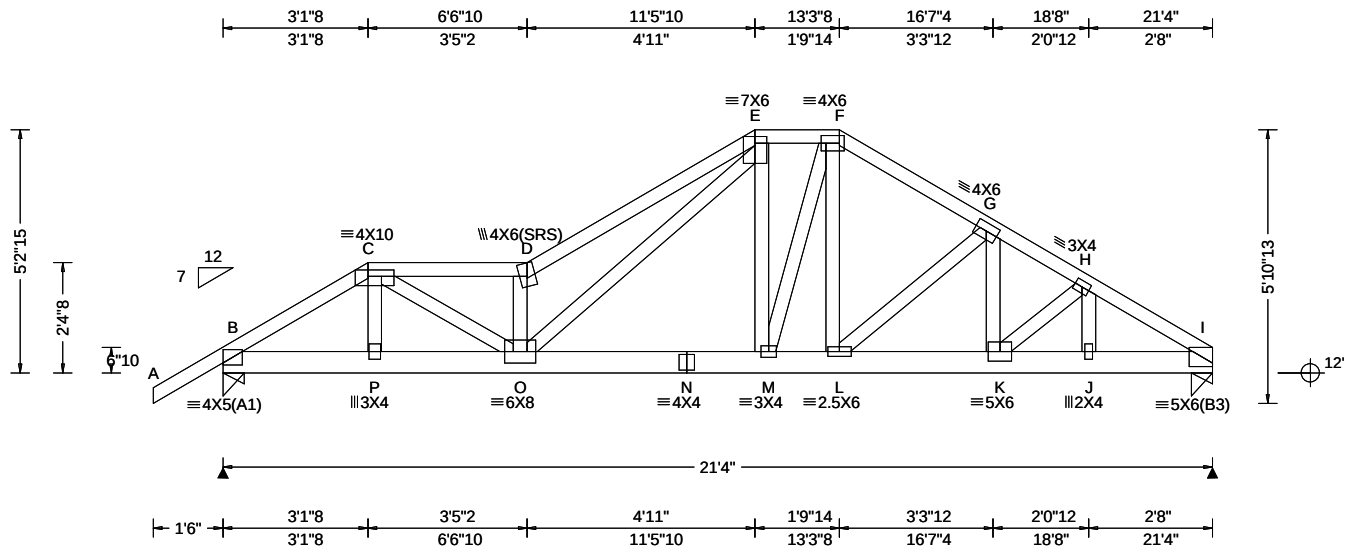
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109432 JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.150	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

▲Maximum Reactions (lbs)

	Gravity			Non-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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	2062	- 321	M - L	1842	- 276
P - O	2094	- 323	L - K	2852	- 414
O - N	1859	- 283	K - J	3091	- 384
N - M	1859	- 283	J - I	3101	- 380

Maximum Web Forces Per Ply (lbs)

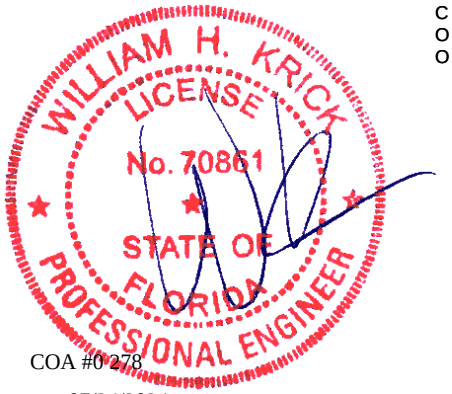
Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	444	- 35	F - L	874	- 101
C - O	1212	- 183	L - G	187	- 1367
O - D	400	- 2169	G - K	1338	- 137
O - E	1982	- 314			

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

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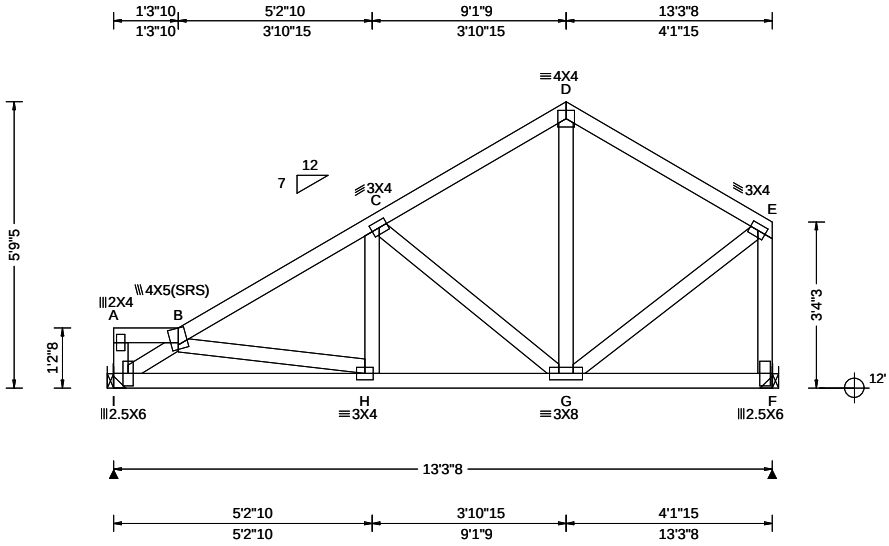
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33577 COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.012	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

▲Maximum Reactions (lbs)

	Gravity			Non-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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	679	- 364	H - G	584	- 223

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - B	333	- 817	F - E	219	- 517
G - E	375	- 107			

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

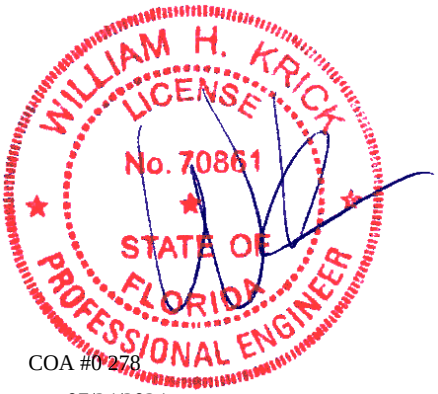
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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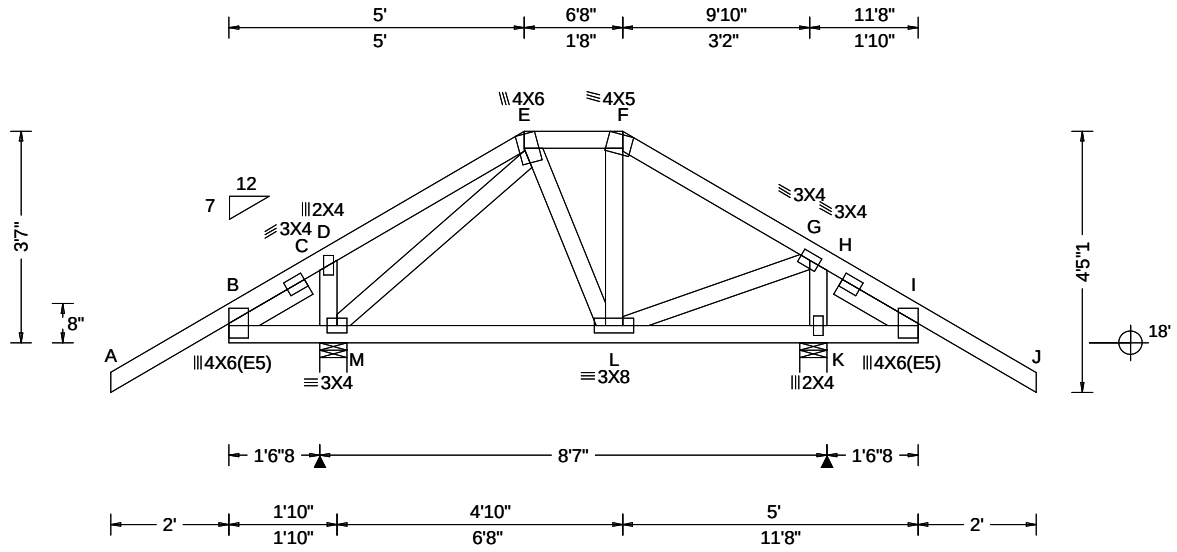
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33829 HIPS FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 19.54 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.007	F	999	240
VERT(CL): 0.013	F	999	180
HORZ(LL): -0.004	C	-	-
HORZ(TL): 0.009	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.423
Max BC CSI: 0.310
Max Web CSI: 0.397

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	992	/-	/-	/-	/270	/-
K	957	/-	/-	/-	/260	/-

Wind reactions based on MWFRS
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings M & 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.
C - D	379	- 160	F - G	115	- 558
D - E	408	- 183	G - H	399	- 154
E - F	70	- 427	H - I	382	- 145

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - E	318	- 931	G - K	263	- 872
L - G	755	- 203			

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'

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

TC: From	63 plf at	-2.00 to	63 plf at	5.00
TC: From	32 plf at	5.00 to	32 plf at	6.67
TC: From	63 plf at	6.67 to	63 plf at	13.67
BC: From	5 plf at	-2.00 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	6.64
BC: From	20 plf at	6.64 to	20 plf at	11.67
BC: From	5 plf at	11.67 to	5 plf at	13.67

TC: 280 lb Conc. Load at 5.03
TC: 282 lb Conc. Load at 6.64
BC: 109 lb Conc. Load at 5.03
BC: 105 lb Conc. Load at 6.64

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

Wind
Wind loads and reactions based on MWFRS.
Left and right cantilevers are exposed to wind
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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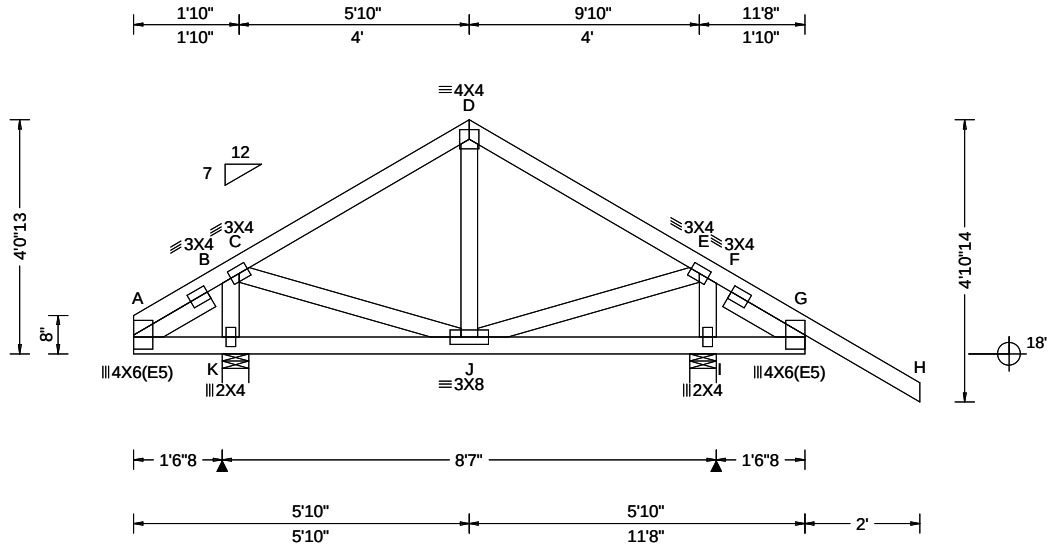
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47784 / SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	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

▲Maximum Reactions (lbs)

	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

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			

Lumber

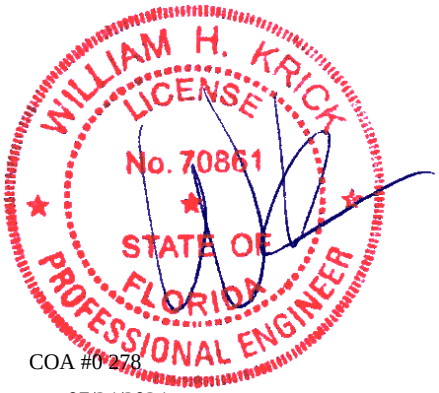
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

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.



COA #0278
07/24/2024
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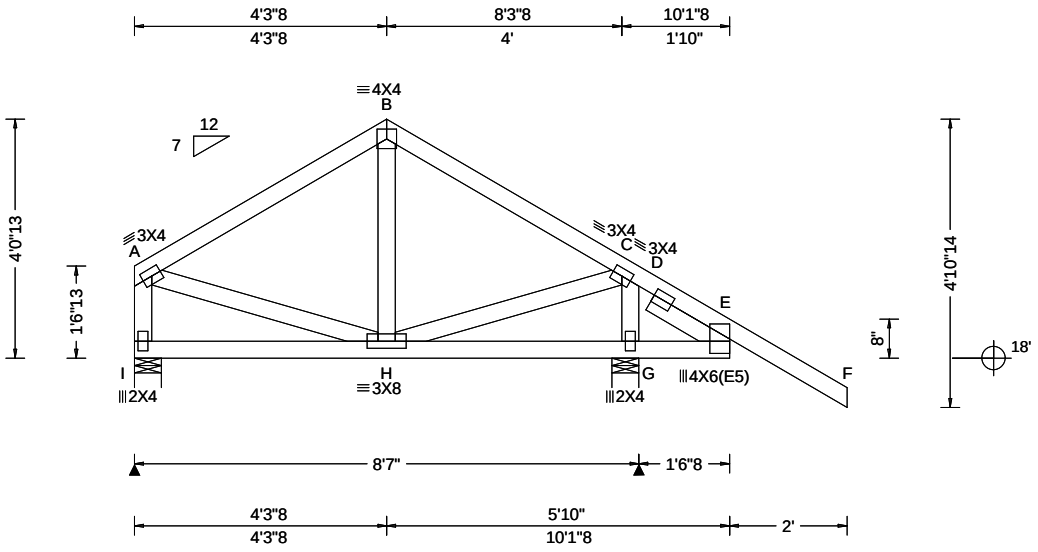
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47786 / SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	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

▲Maximum Reactions (lbs)

	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

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

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.

COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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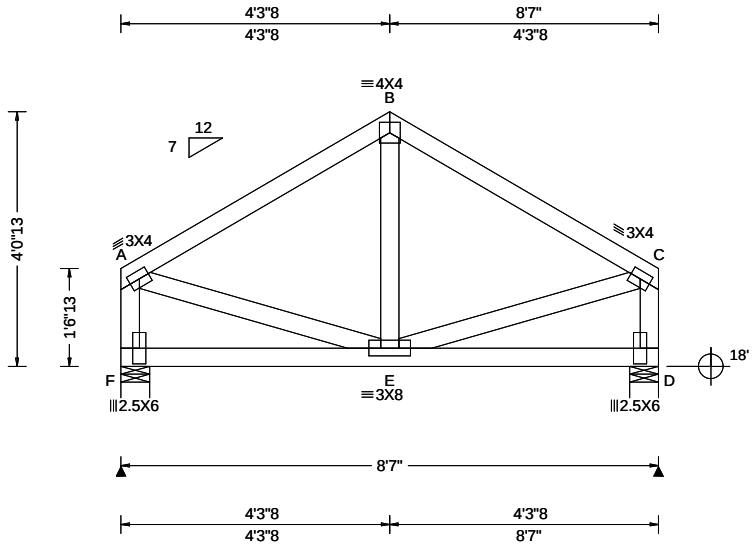
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47788 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	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

▲Maximum Reactions (lbs)

	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

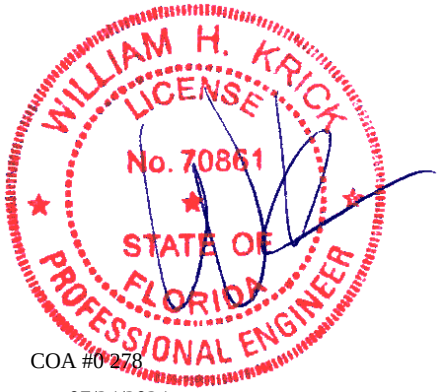
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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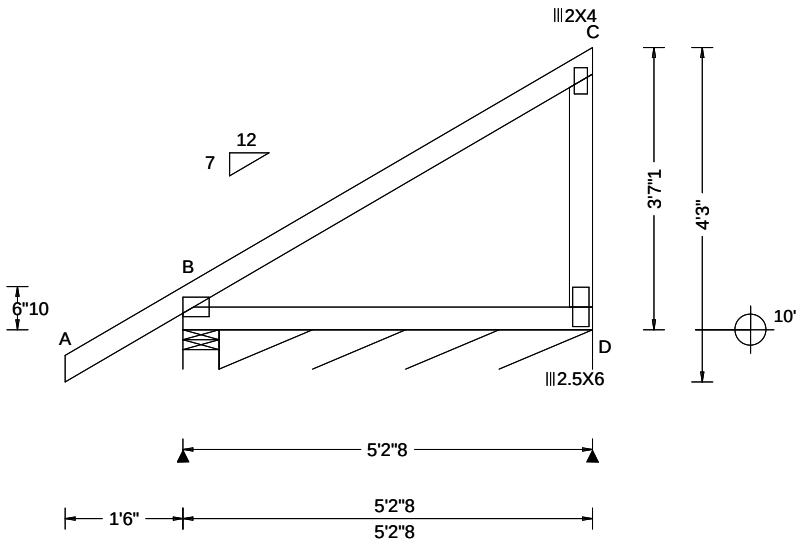
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47022 / SPEC FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** D05	Cust: R 215 JRef:1Y1S2150010 T55 / DrwNo: 205.24.1159.12746 NW / DF 07/23/2024



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.003 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

▲Maximum Reactions (lbs), or *=PLF

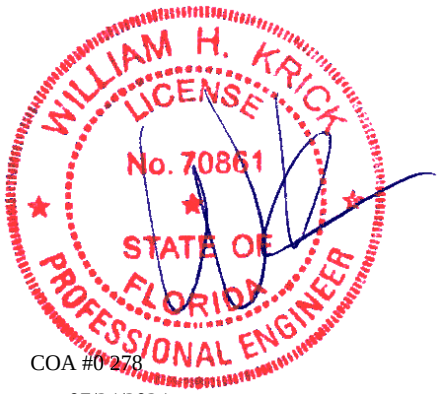
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	337	/-	/-	/232	/-	/94
D*	42	/-	/-	/30	/7	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 57.0 Min Req = -
Bearings B & B are a rigid surface.
Members not listed have forces less than 375#

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

Plating Notes
All plates are 3X4(B2) 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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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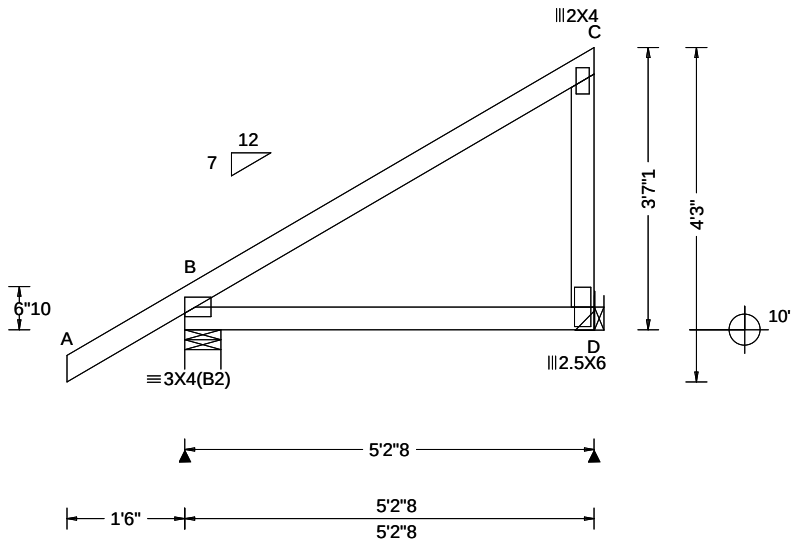
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47024 / SPEC FROM:	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



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.003 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

▲Maximum Reactions (lbs)

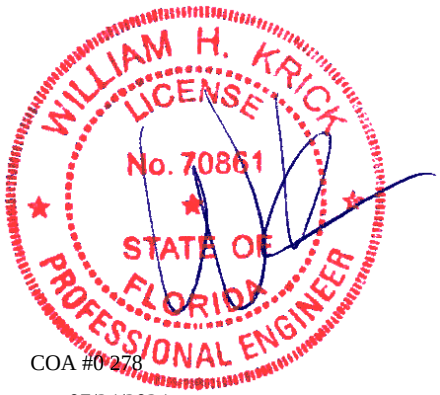
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	337	/-	/-	/232	/-	/94
D	198	/-	/-	/144	/34	/-

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

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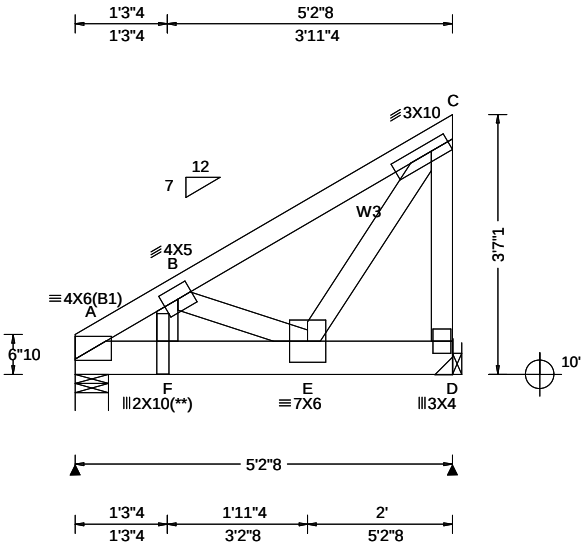
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33844 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.022	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	2541	-5	F - E	2450	-12

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - B	1176	0	E - C	2857	-92
B - E	0	-1037	C - D	69	-1608

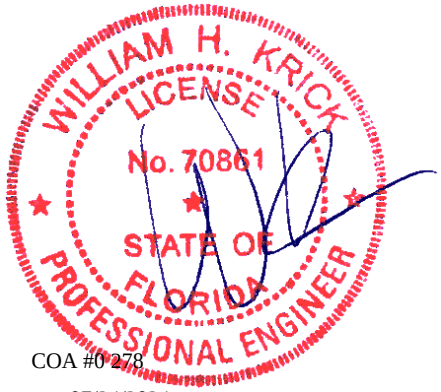
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W3 2x4 SP #2;

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.



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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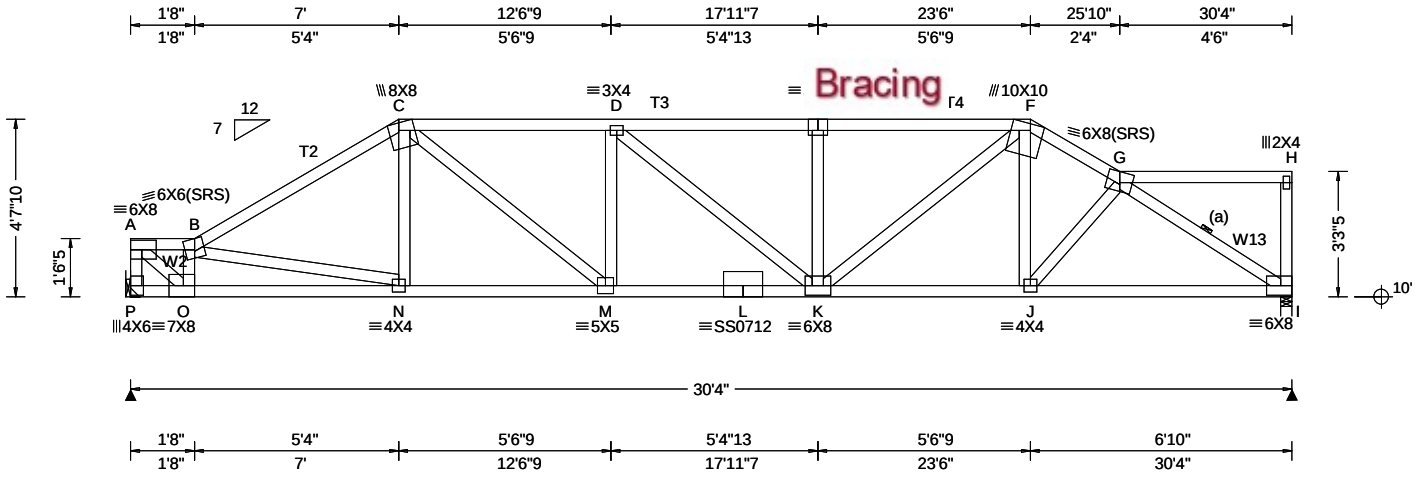
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46885 / SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	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

▲Maximum Reactions (lbs)

	Gravity			Non-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

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			

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.

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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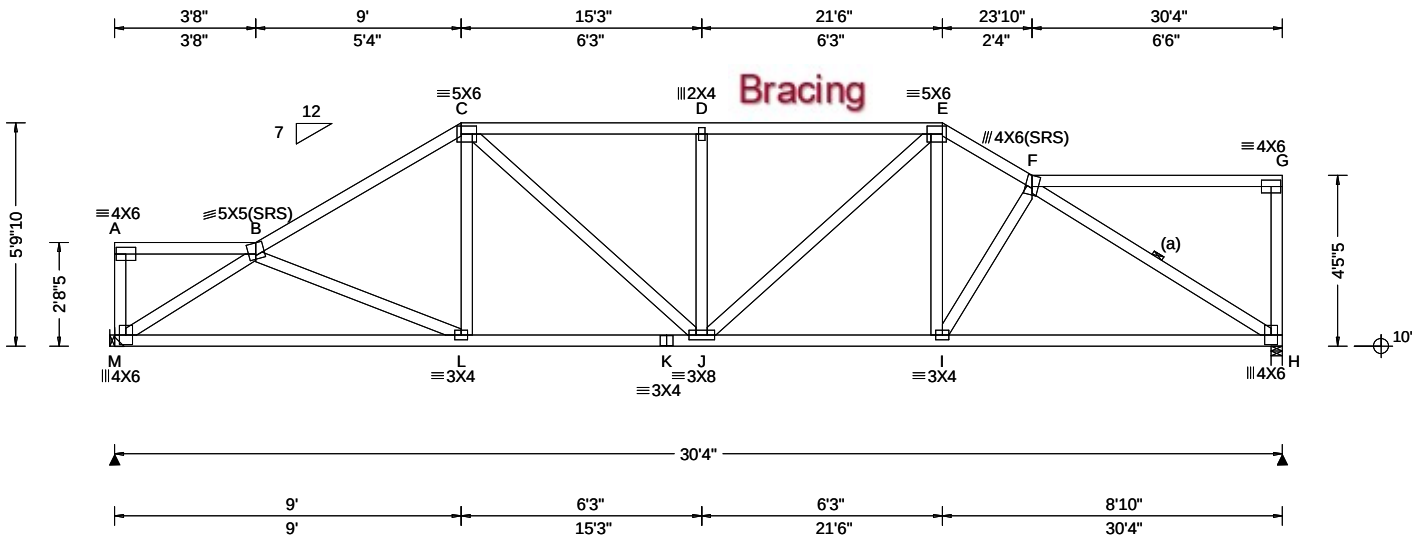
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46214 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.082	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

▲Maximum Reactions (lbs)

	Gravity			Non-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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	1686	- 870	J - I	1480	- 711
L - K	1505	- 701	I - H	1586	- 818
K - J	1505	- 701			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - B	958	- 1994	J - E	402	- 265
C - L	384	0	E - I	414	- 97
D - J	392	- 420	F - H	969	- 1880

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.

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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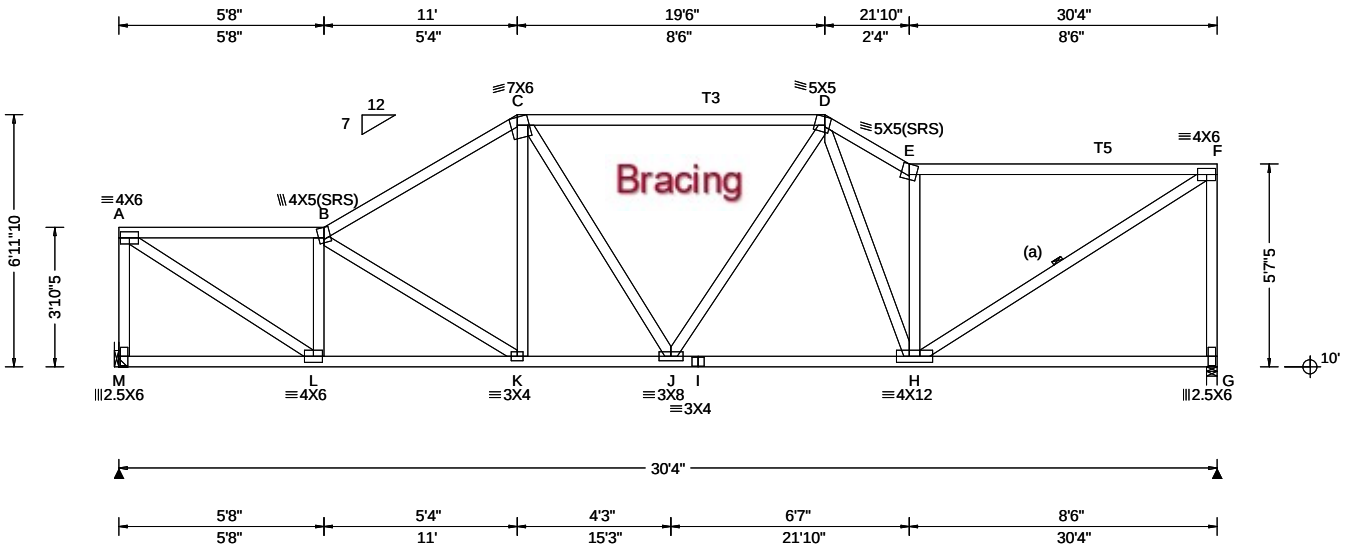
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18872 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.081	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

▲Maximum Reactions (lbs)

	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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	1676	-808	J - I	1352	-678
K - J	1372	-664	I - H	1352	-678

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	607	-1213	E - H	799	-1295
A - L	1904	-825	H - F	1786	-881
L - B	525	-939	F - G	687	-1192
D - H	548	-248			

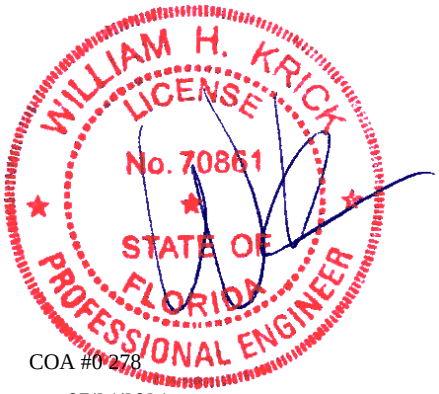
Lumber
Top chord: 2x4 SP #2; T3,T5 2x4 SP M-31;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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

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

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

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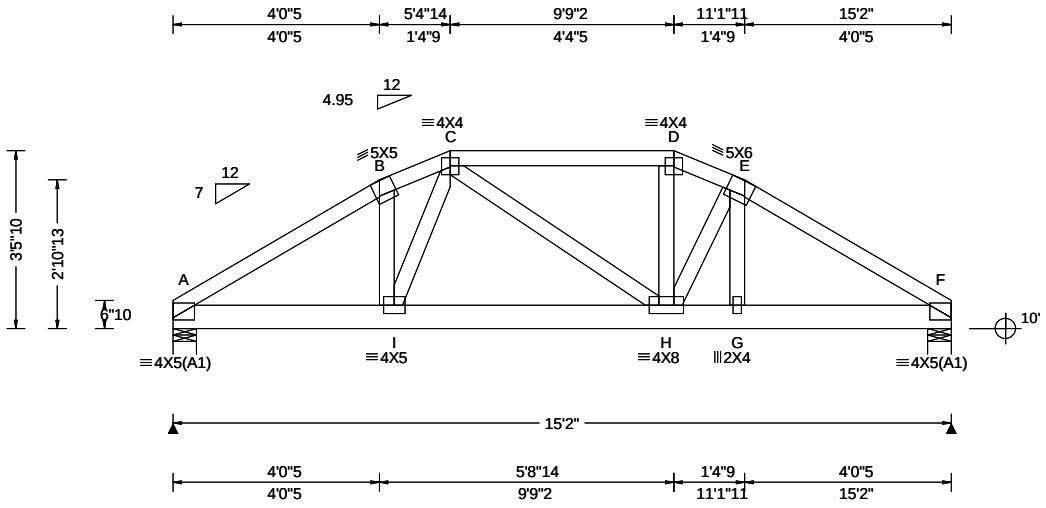
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34506 COMN FROM:	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	

2 Complete Trusses Required



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.046	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - I	2259	- 224	H - G	2162	- 206
I - H	2114	- 228	G - F	2155	- 208

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - C	564	0	H - D	667	0

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

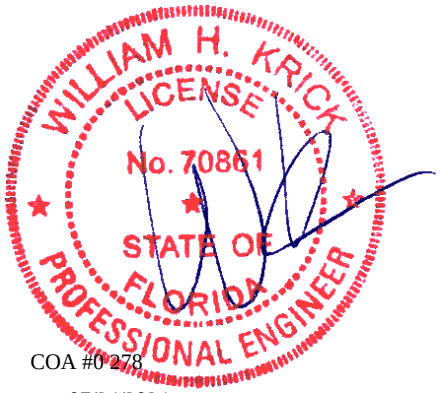
Purlins

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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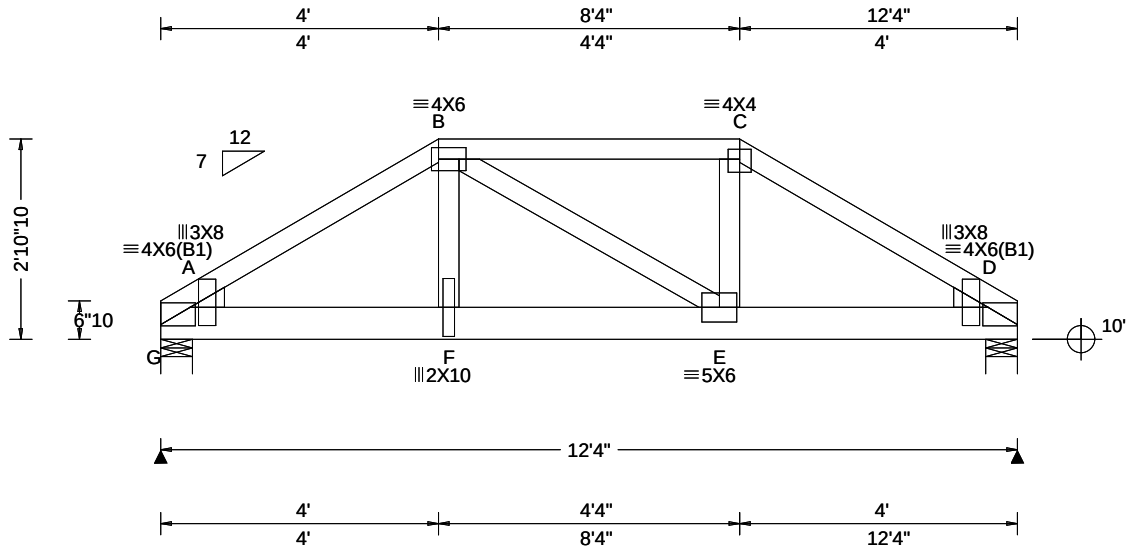
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33630 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.037	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

▲Maximum Reactions (lbs)

	Gravity			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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	2441	- 17	E - D	2392	- 13
F - E	2516	- 15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - F	1273	0	E - C	1286	0

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

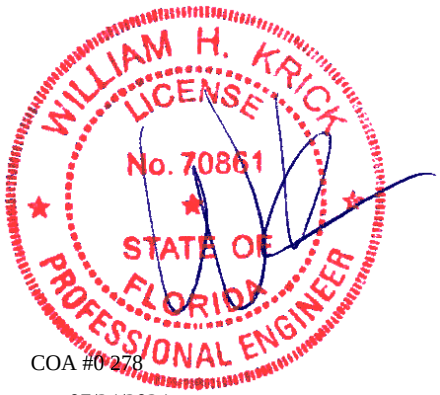
Purlins

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

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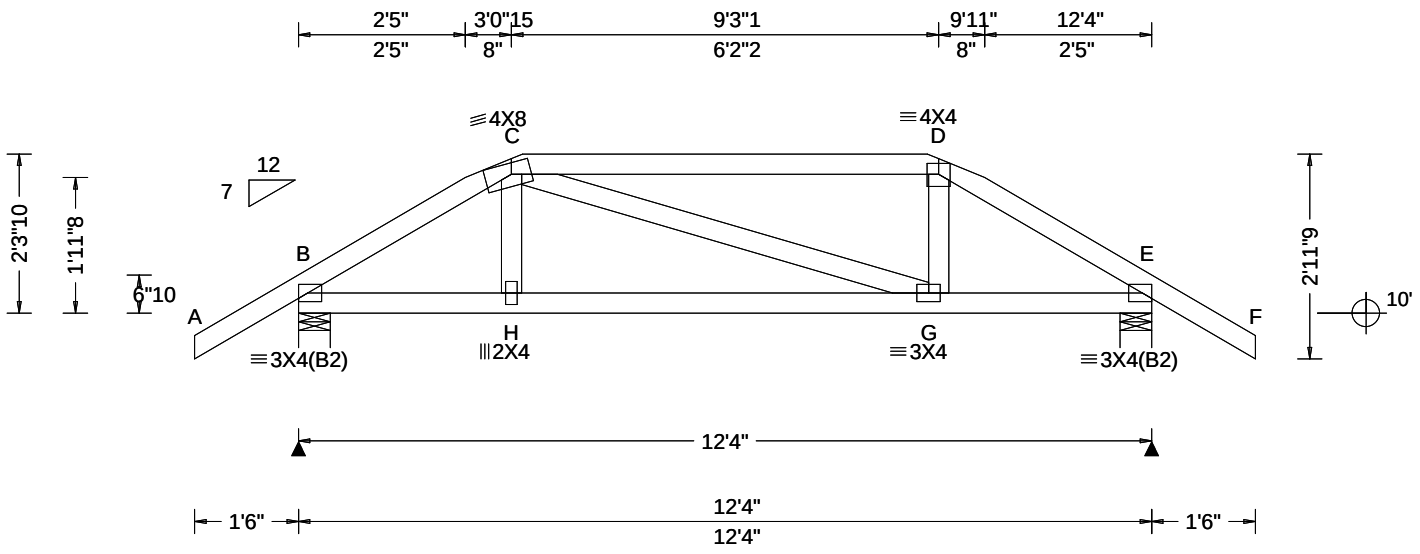
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47154 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.031	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

▲Maximum Reactions (lbs)

	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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	933	- 206	G - E	944	- 213
H - G	933	- 206			

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

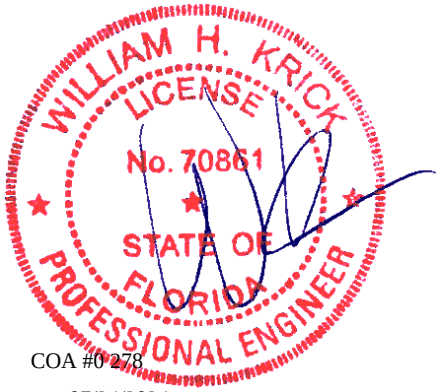
Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

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

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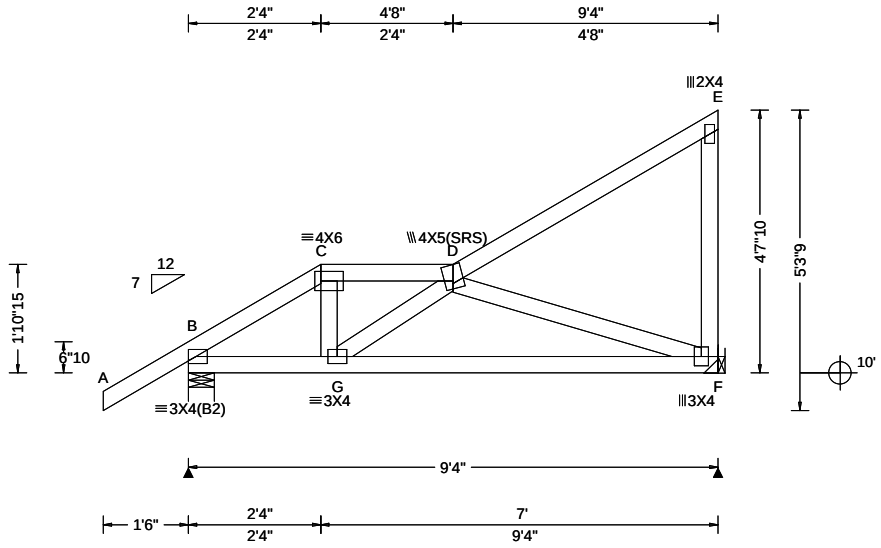
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47455 / MONO FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.014	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

▲Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	413	-32	G - F	567	-115

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - F	121	-600

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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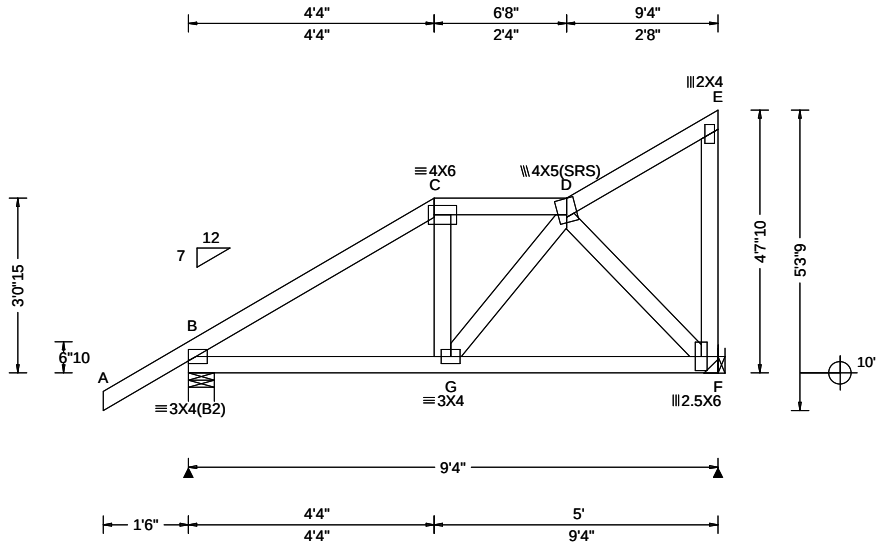
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47792 / MONO FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	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

▲Maximum Reactions (lbs)

	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)

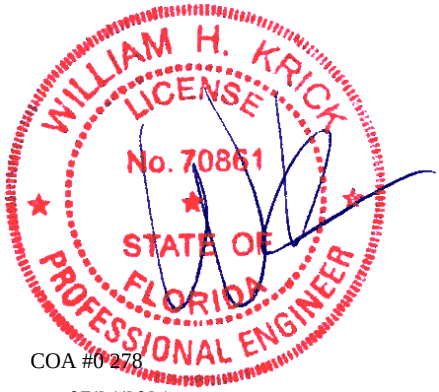
Chords	Tens.	Comp.
B - C	174	-458

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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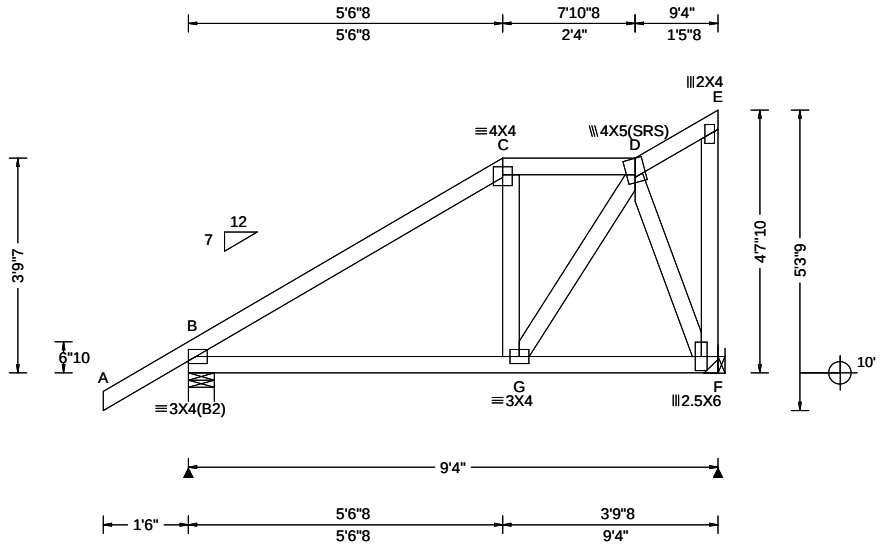
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47451 / MONO FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	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

▲Maximum Reactions (lbs)

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

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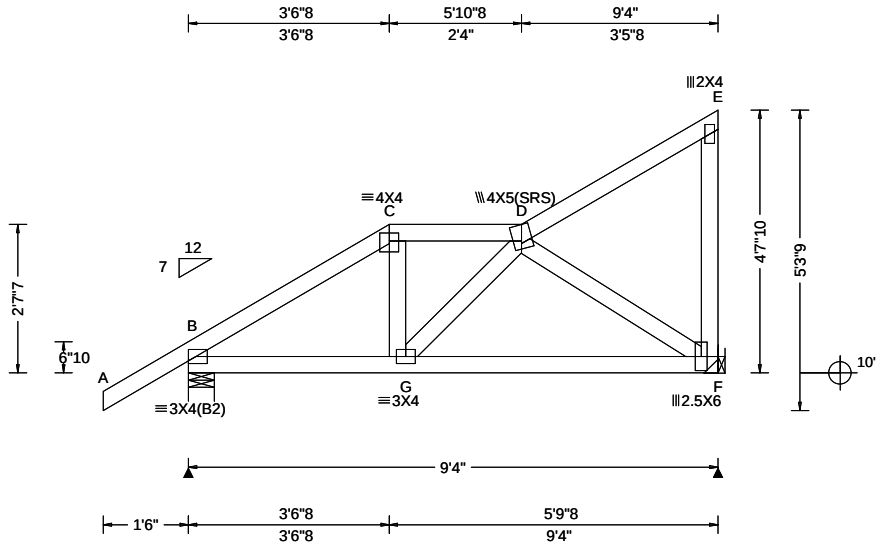
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47453 / MONO FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.008	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

▲Maximum Reactions (lbs)

	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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - F	375	-419

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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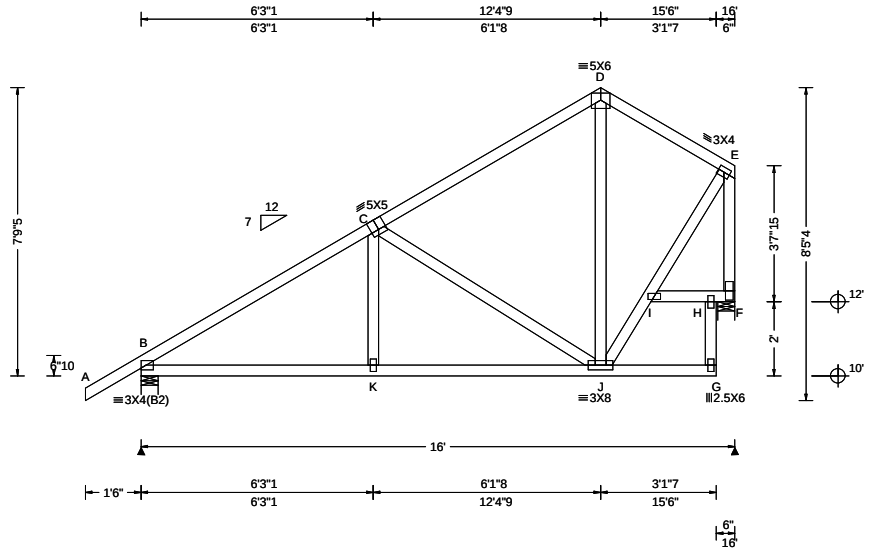
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33605 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	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

▲Maximum Reactions (lbs)

	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

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

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

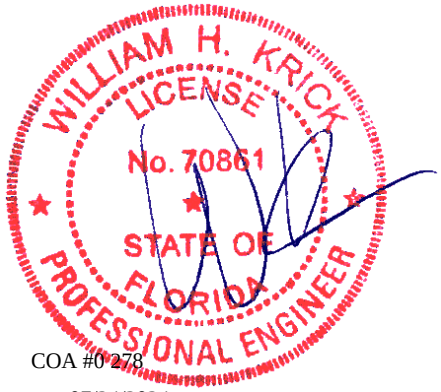
Wind

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).



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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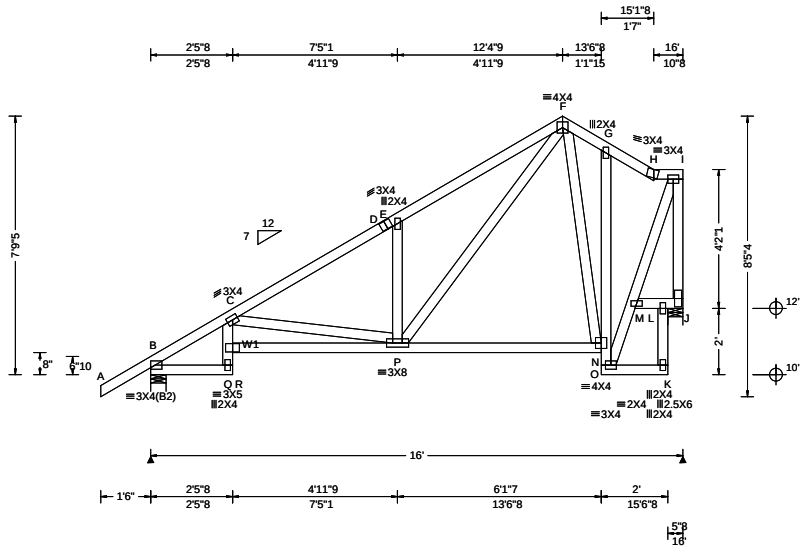
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33611 MONO FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.063 C 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.129 C 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.067 K - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.138 K - -
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.415
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.599
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.655
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

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

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).

COA #0278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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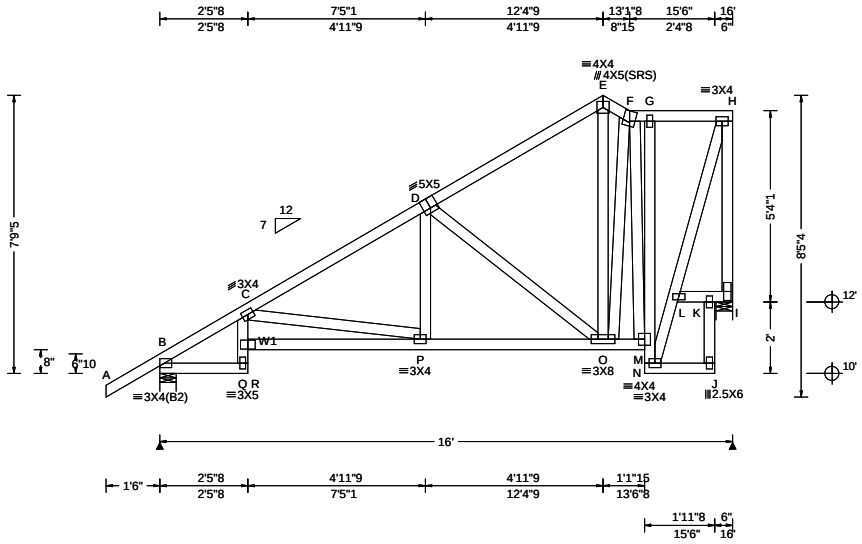
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33715 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.062	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	775	/-	/-	/507	/4	/203
I	657	/-	/-	/415	/96	/-

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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	758	- 329	P - O	710	- 291
Q - P	1256	- 542			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	264	- 543	M - L	599	- 296
D - O	215	- 549	L - H	601	- 290
F - N	149	- 435	H - I	363	- 645
N - M	284	- 539			

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.

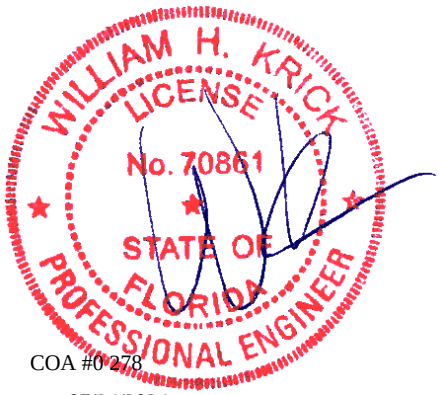
Wind

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

07/24/2024

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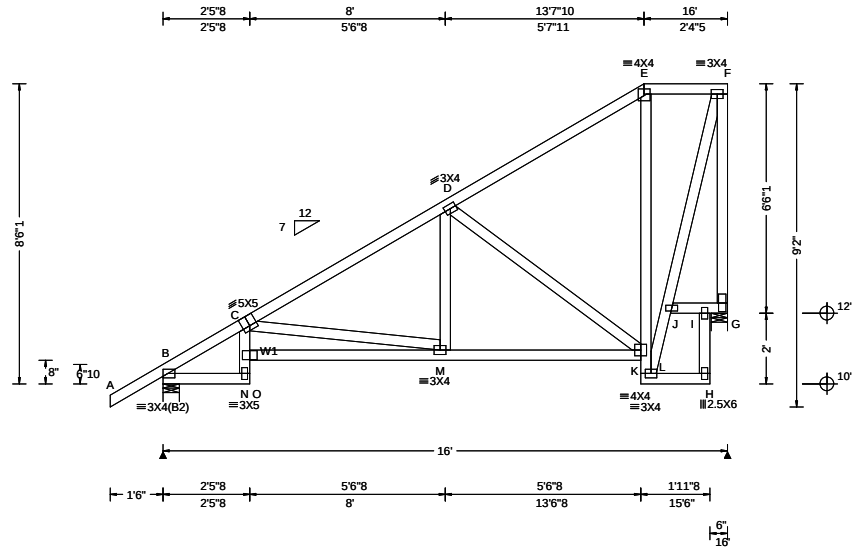
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33719 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.065	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	771	-343	M - L	677	-275
N - M	1277	-564			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	297	-598	K - J	622	-315
D - L	232	-616	J - F	623	-308
L - K	305	-567	F - G	363	-645

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.

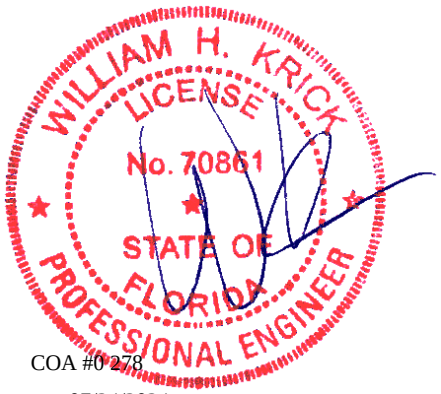
Wind

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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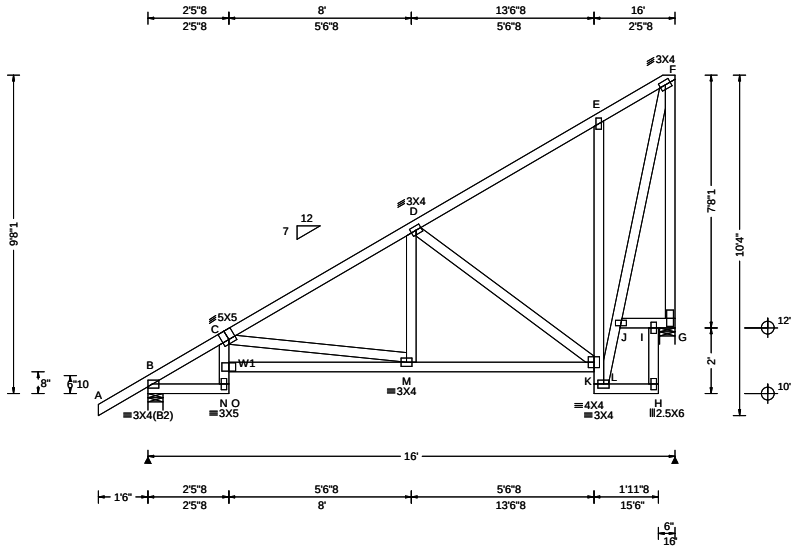
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33722 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.065	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

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / 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

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

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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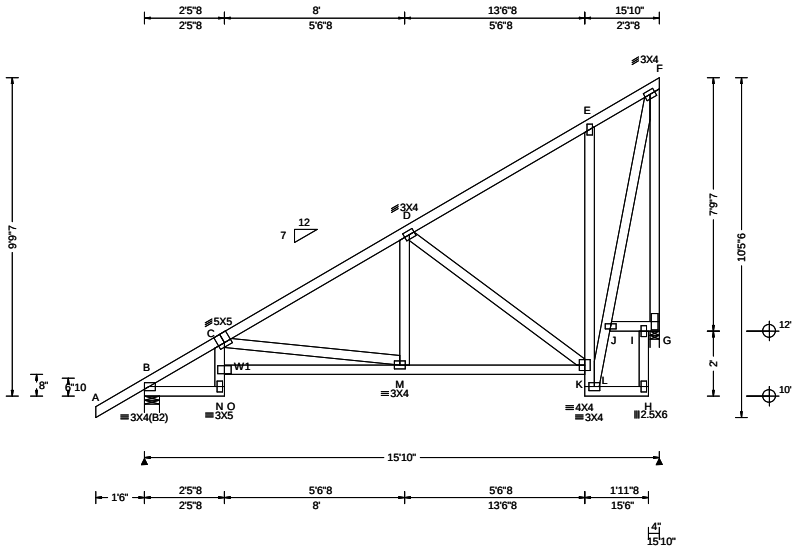
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33725 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.064	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: 0.687

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-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 & 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	10	- 955	C - D	22	- 853

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	762	- 341	M - L	664	- 260
N - M	1263	- 560			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	306	- 598	K - J	707	- 294
D - L	234	- 612	J - F	707	- 290
L - K	291	- 659	F - G	278	- 639

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.

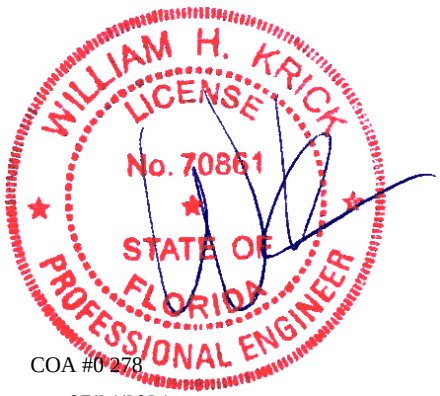
Wind

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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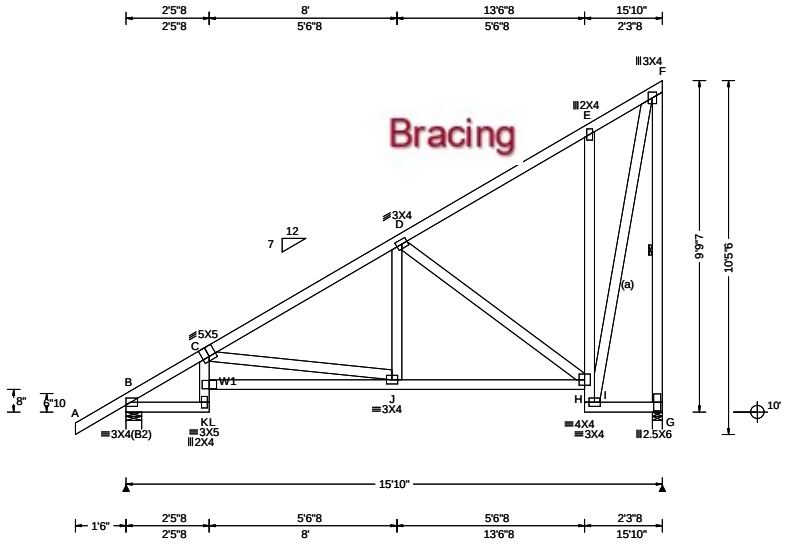
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 34504 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.065	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

▲Maximum Reactions (lbs)

	Gravity			Non-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

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			

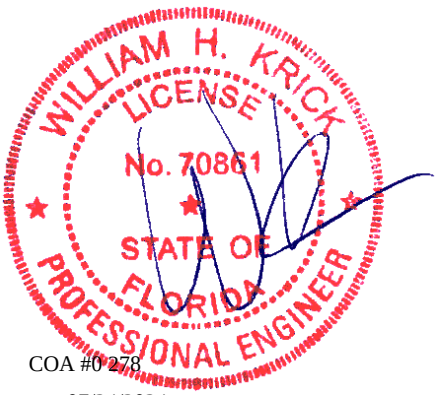
Maximum Web Forces Per Ply (lbs)

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			

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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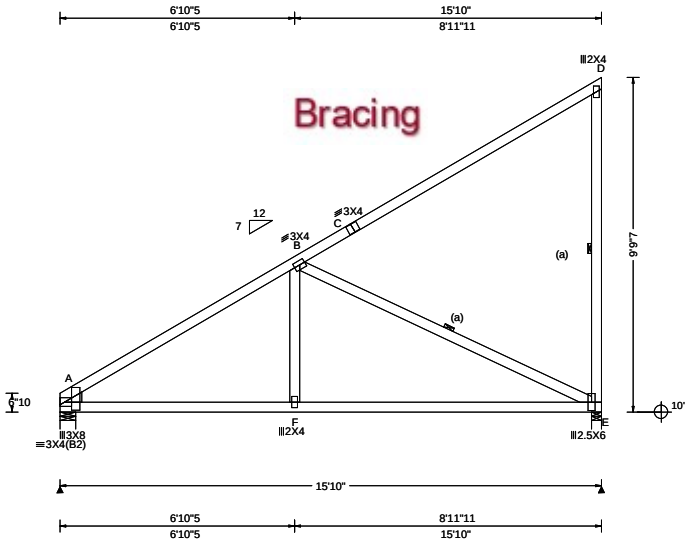
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33732 MONO FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** G08	Cust: R 215 JRef:1Y1S2150010 T147 DrwNo: 205.24.1507.52130 AK / WHK 07/23/2024



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.17 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	F	999	240
VERT(CL): 0.042	F	999	180
HORZ(LL): 0.009	E	-	-
HORZ(TL): 0.018	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.489
Max BC CSI: 0.866
Max Web CSI: 0.407

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	661	/-	/-	/411	/-	/239
E	656	/-	/-	/482	/107	/-

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	8	- 927

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	738	- 293	F - E	735	- 294

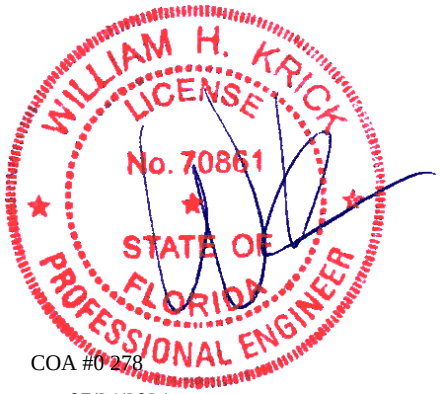
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - B	379	0	B - E	327	- 816

Lumber
Top chord: 2x4 SP M-31;
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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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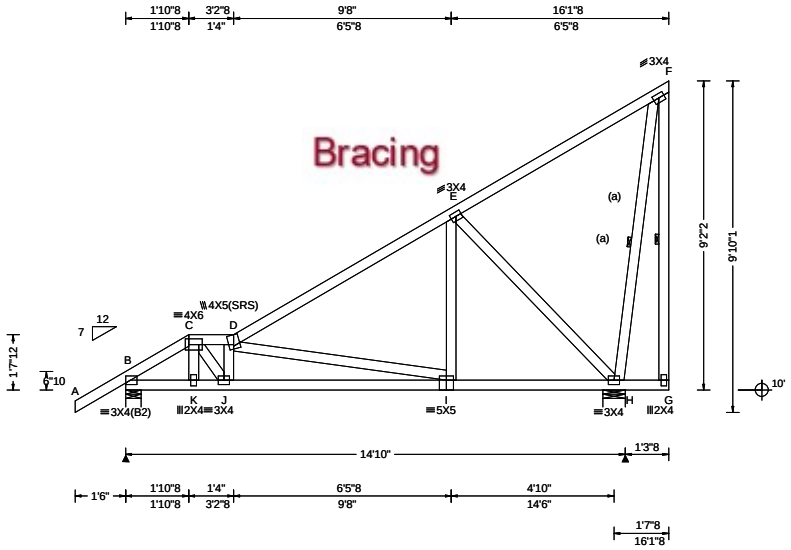
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33735 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.031	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

▲Maximum Reactions (lbs)

	Gravity			Non-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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - K	591	- 80	J - I	1128	- 171
K - J	577	- 79	I - H	425	- 74

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - J	744	- 98	D - I	100	- 706
J - D	147	- 445	E - H	127	- 665

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.

COA #0278
Florida Certificate of Product Approval #FL 1999
07/24/2024

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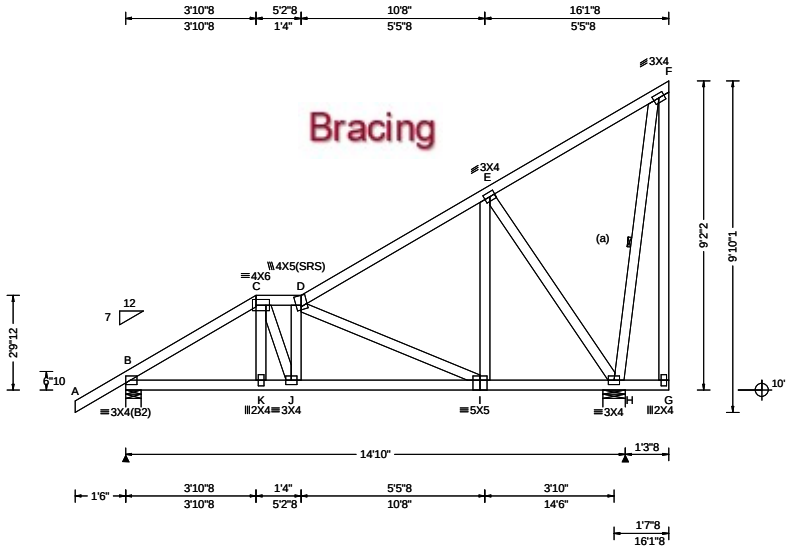
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33738 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	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

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / 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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - K	636	-332	J - I	801	-336
K - J	634	-330			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - I	225	-518	E - H	263	-625
I - E	375	-45			

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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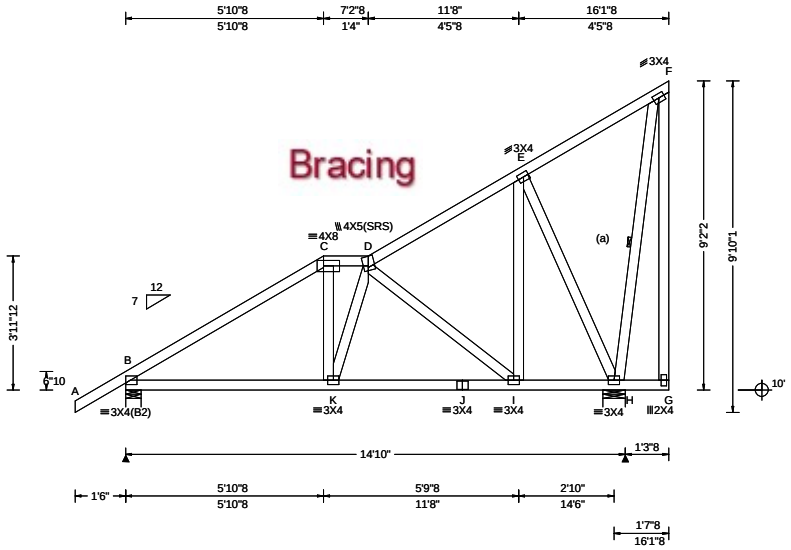
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 33745 MONO FROM:	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	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**				
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in	loc	L/defl	L/#	
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL):	0.015 D	999	240	
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL):	0.032 D	999	180	
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	-0.007 F	-	-	
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL):	0.016 F	-	-	
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.363			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.336			
Spacing:	24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI:	0.563			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: not in 9.00 ft	Plate Type(s):					
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18				
		Wind Duration: 1.60						

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - K	586	- 296	J - I	584	- 255
K - J	584	- 255			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - I	205	- 452	E - H	265	- 609
I - E	390	- 89			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

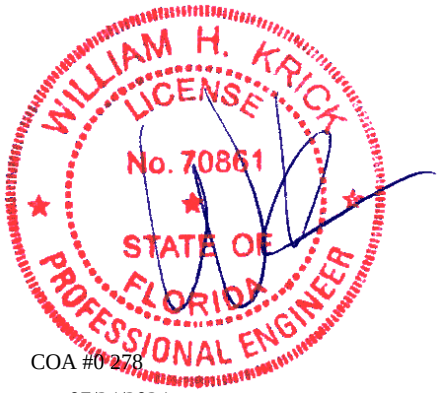
Wind

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

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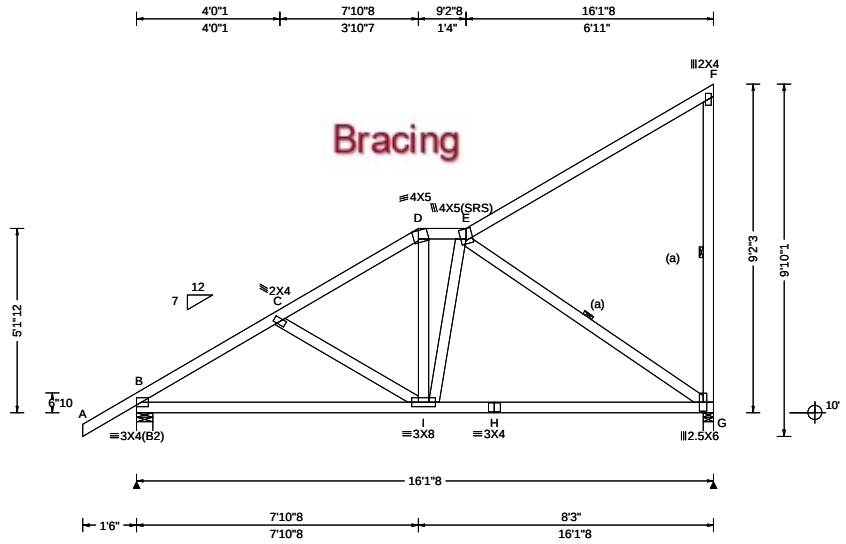
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33749 HIPS FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	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

▲Maximum Reactions (lbs)

	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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - I	753	- 392	H - G	592	- 270
I - H	592	- 270			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
E - G	329	- 722

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
Florida Certificate of Product Approval #FL 1999

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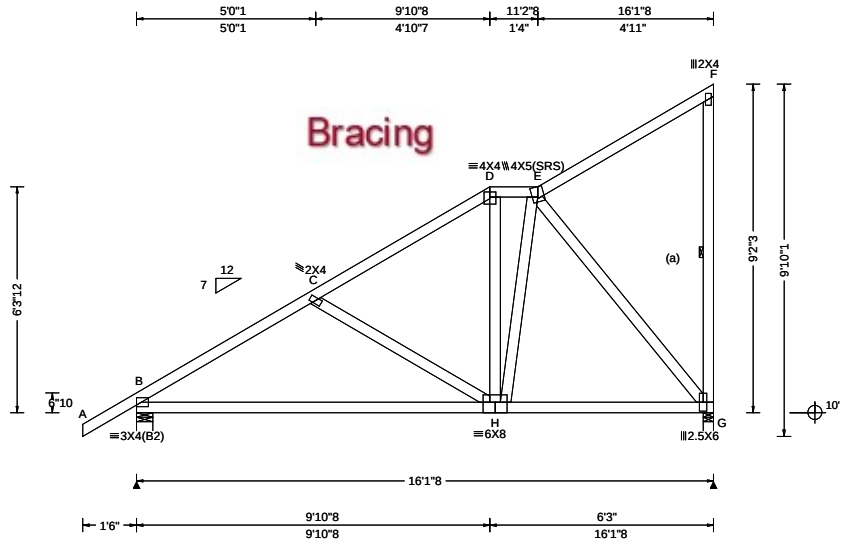
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33752 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.018	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	715	- 375	H - G	402	- 184

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
E - G	290	- 634

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
Florida Certificate of Product Approval #FL 1999

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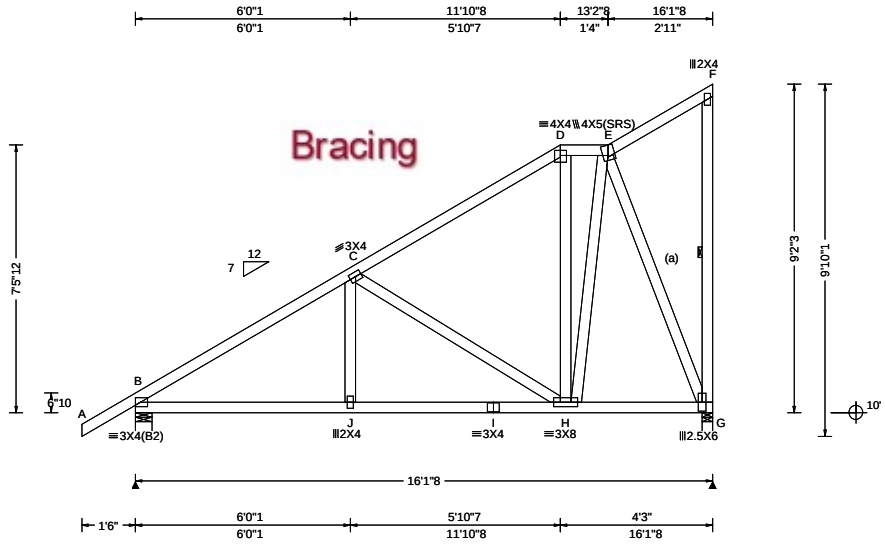
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33757 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.022	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

▲Maximum Reactions (lbs)

	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

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			

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
Florida Certificate of Product Approval #FL 1999

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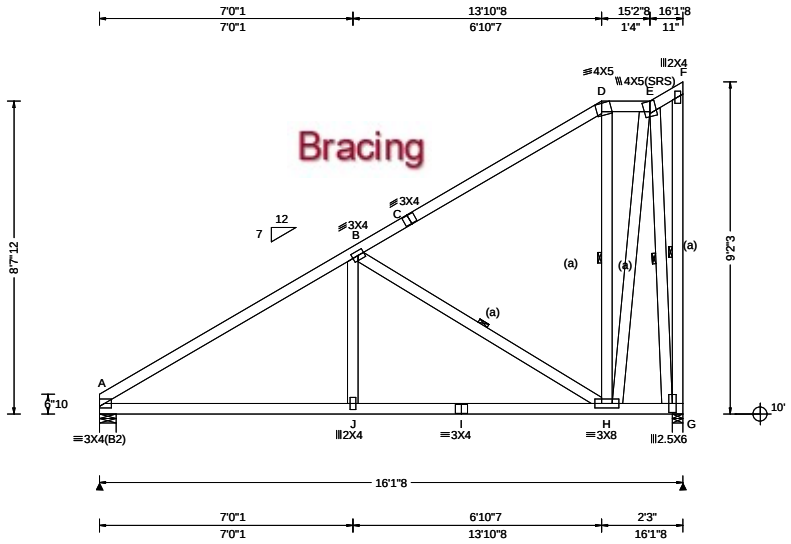
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33761 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.019	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

▲Maximum Reactions (lbs)

	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

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)

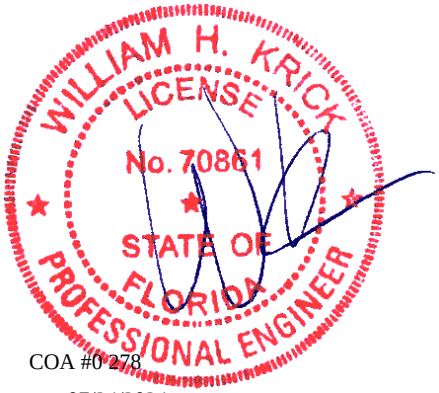
Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	244	- 616	E - G	292	- 641
H - E	685	- 306			

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
Florida Certificate of Product Approval #FL 1999

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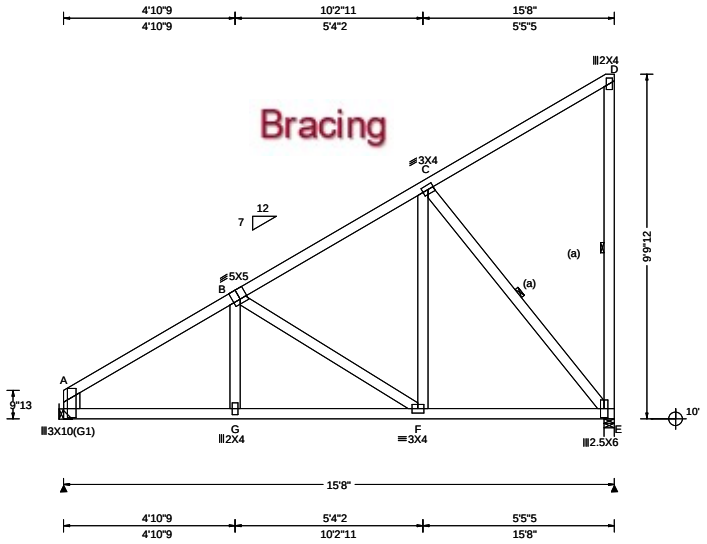
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33600 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.024	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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

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

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.

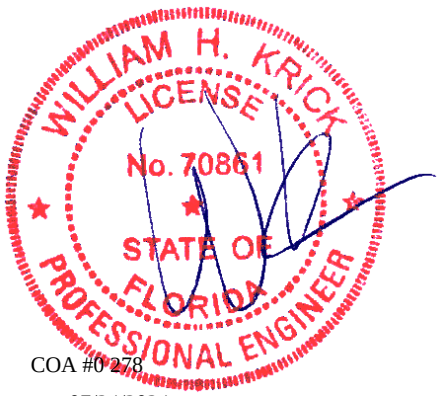
Bearing at location x=0' uses the following support conditions: 0'
Bearing A (0', 10') LUS26
Supporting Member: (1)2x6 SP 2400f-2.0E into supporting member, into supported member.

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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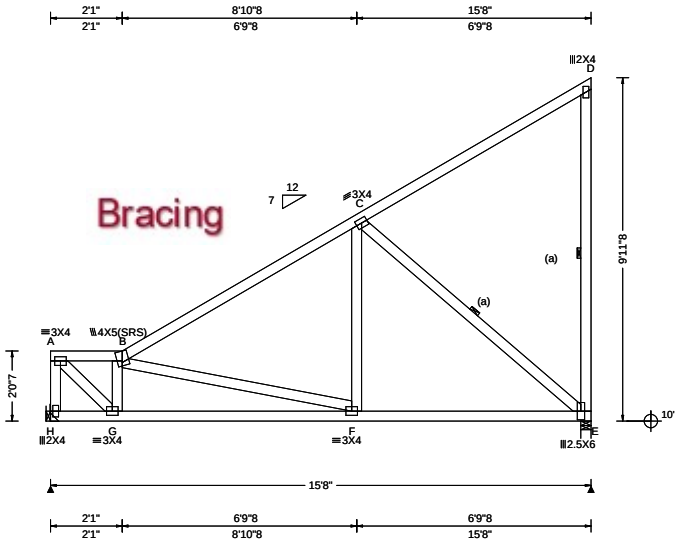
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33613 HIPM FROM:	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	



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.015	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	765	- 456	F - E	509	- 222

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	136	- 653	G - B	167	- 563
A - G	935	- 148	C - E	291	- 669

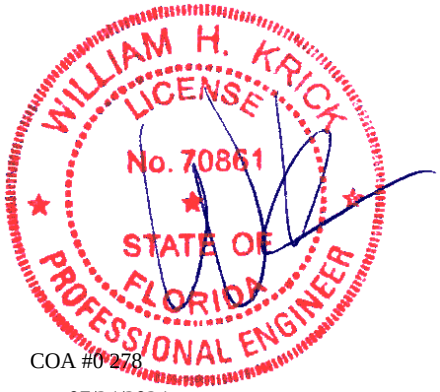
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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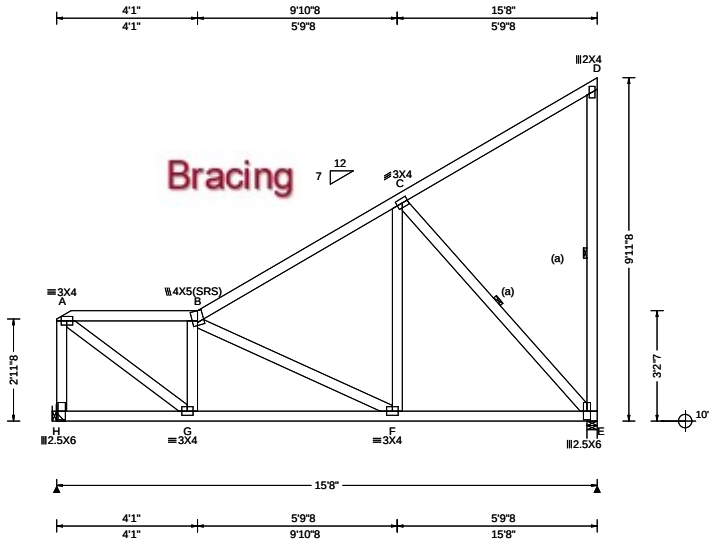
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33615 HIPS FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.016	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

▲Maximum Reactions (lbs)

	Gravity			Non-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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	722	-438	F - E	422	-198

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - A	218	-621	F - C	385	-54
A - G	821	-163	C - E	295	-627
G - B	156	-418			

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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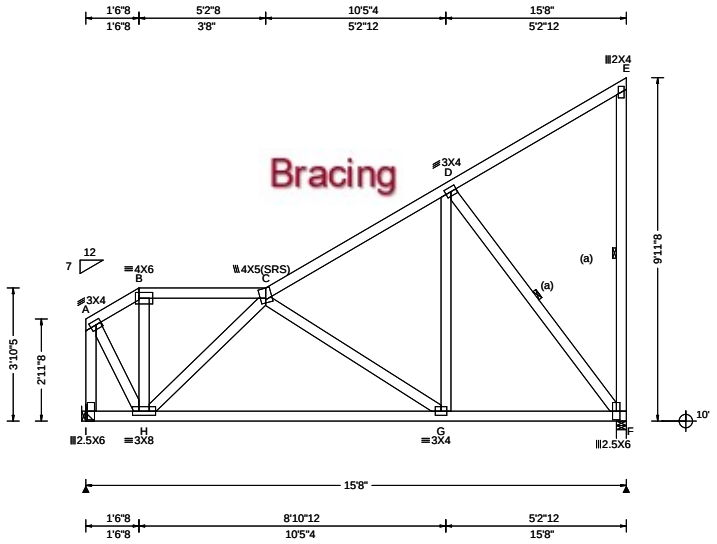
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33619 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.013	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	640	-443	G - F	382	-188

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	181	-694	G - D	418	-97
A - H	574	-150	D - F	306	-622
H - C	104	-469			

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.

COA #0 278
07/24/2024
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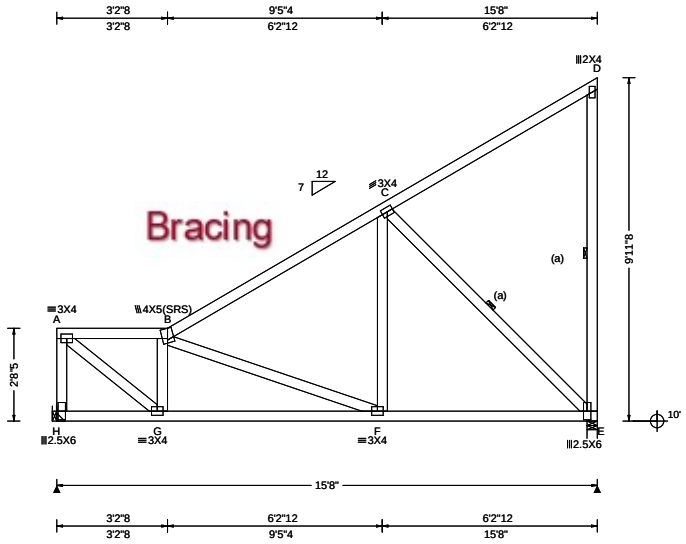
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33621 HIPM FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** G20		Cust: R 215 JRef:1Y1S2150010 T32 DrwNo: 205.24.1508.28970 AK / WHK 07/23/2024	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.016	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	651	/-	/-	/361	/-	/190
E	651	/-	/-	/476	/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	130	- 692	B - C	4	- 629

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	750	- 447	F - E	459	- 207

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	205	- 632	F - C	379	- 21
A - G	892	- 164	C - E	290	- 644
G - B	159	- 476			

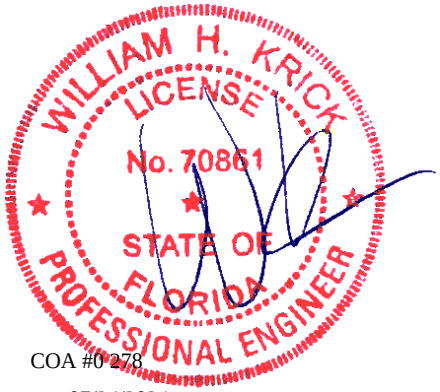
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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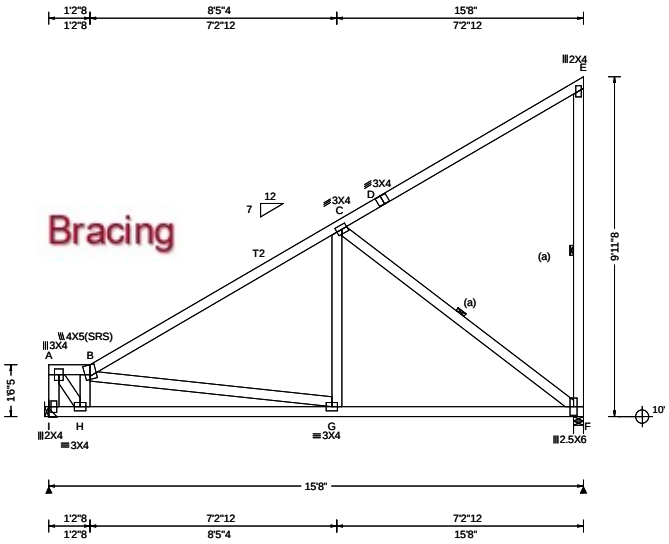
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33626 HIPM FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** G21		Cust: R 215 JRef:1Y1S2150010 T108 DrwNo: 205.24.1508.31073 AK / WHK 07/23/2024	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.74 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.014	G	999	240
VERT(CL): 0.028	G	999	180
HORZ(LL): 0.007	F	-	-
HORZ(TL): 0.015	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.599
Max BC CSI: 0.683
Max Web CSI: 0.361

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
I	651	/-	/-	/385	/-	/220
F	651	/-	/-	/482	/113	/-

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.	Chords	Tens.	Comp.
A - B	75	-570	B - C	0	-747

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	722	-459	G - F	553	-238

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	59	-687	H - B	192	-660
A - H	947	-123	C - F	300	-697

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

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

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 Certificate of Product Approval #FL 1999

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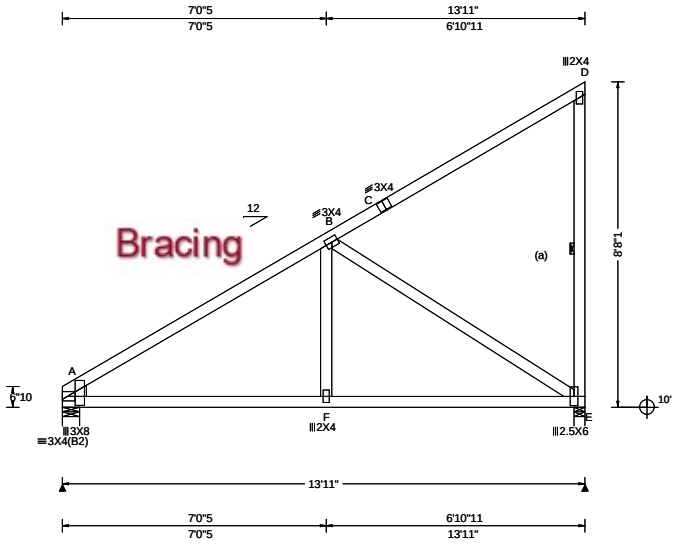
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33635 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.012	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

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

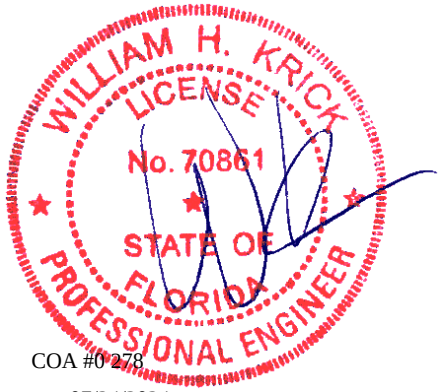
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	311	- 661

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.



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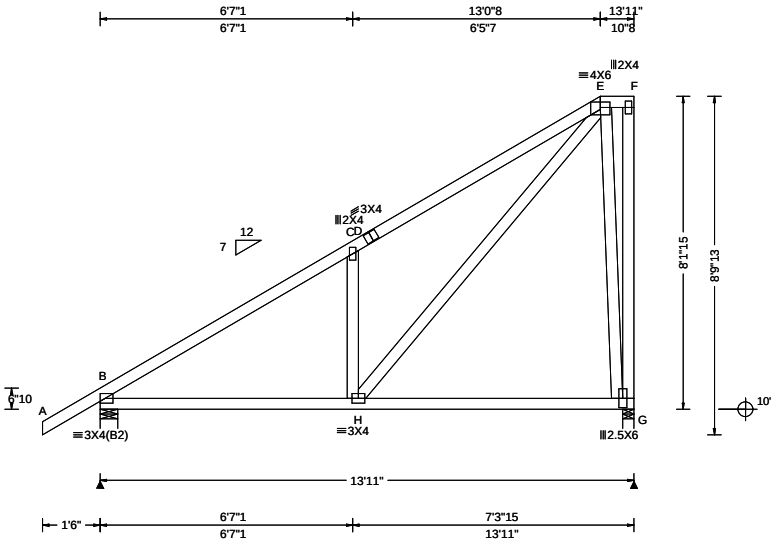
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33639 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	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

▲Maximum Reactions (lbs)

	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			

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			

Lumber

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

Purlins

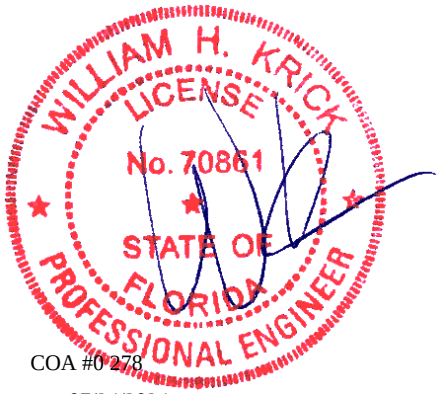
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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.



COA #0 278
07/24/2024
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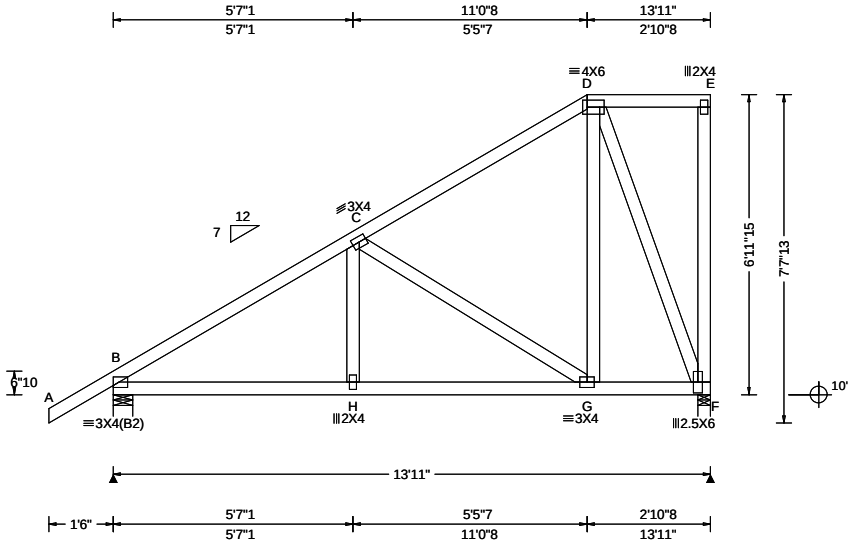
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33641 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.017	H	999	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

▲Maximum Reactions (lbs)

	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

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			

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.

COA #0 278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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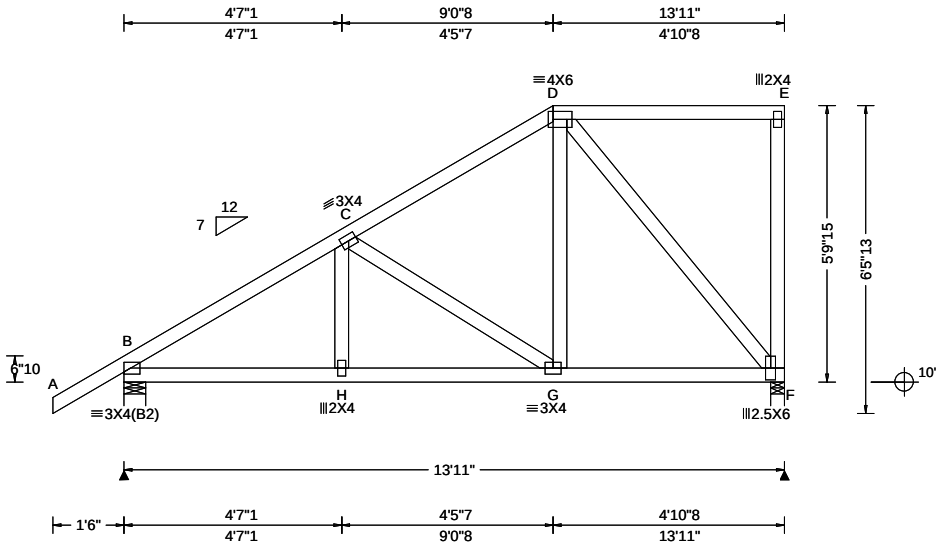
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33643 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.018	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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

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

Lumber

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

Purlins

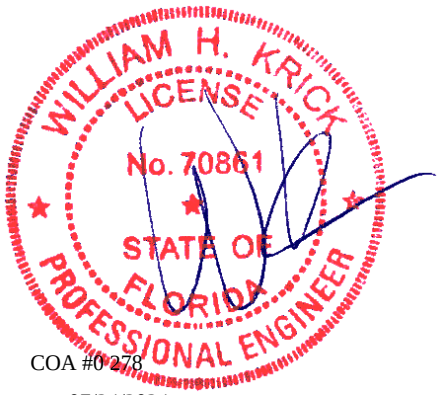
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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.



COA #0278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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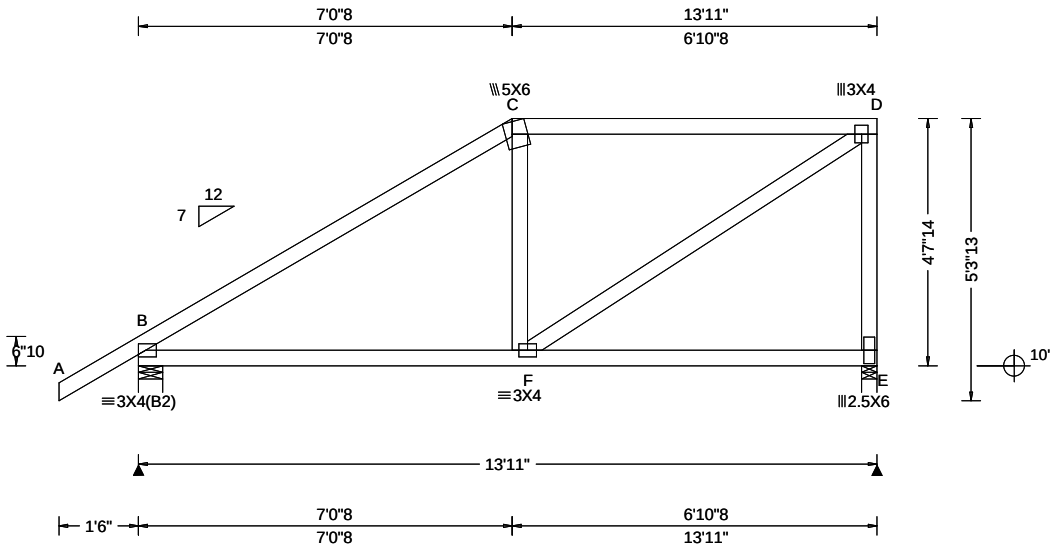
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33646 HIPM FROM:	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	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.012 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.025 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.727
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.525
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.497
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

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 Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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)

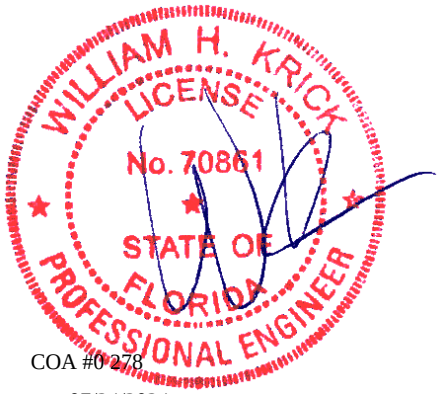
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	332	- 720	C - D	356	- 520

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

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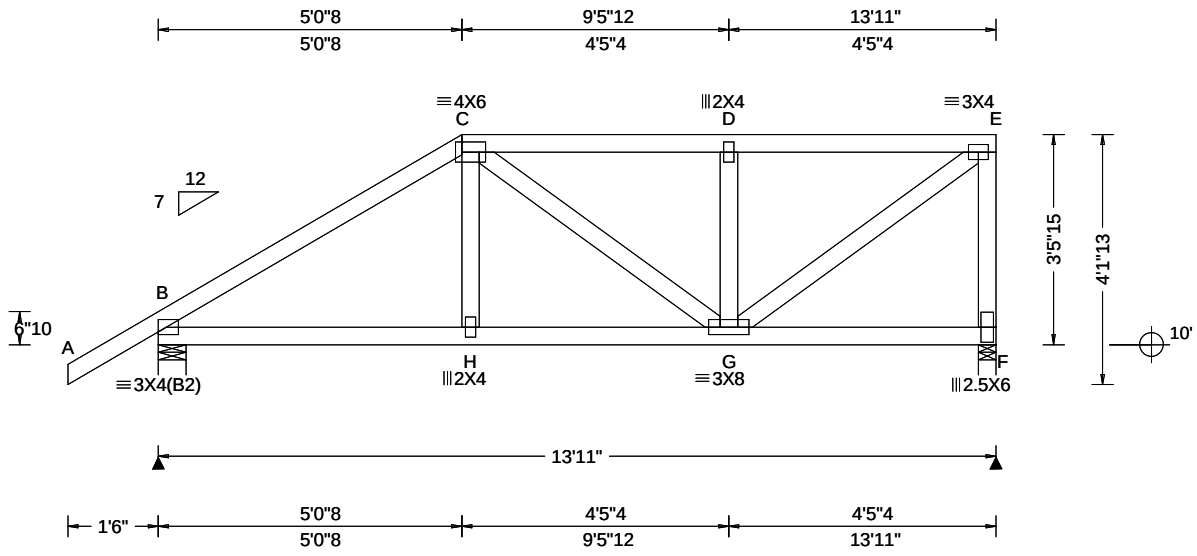
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33648 HIPM FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.016	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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			

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			

Lumber

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

Purlins

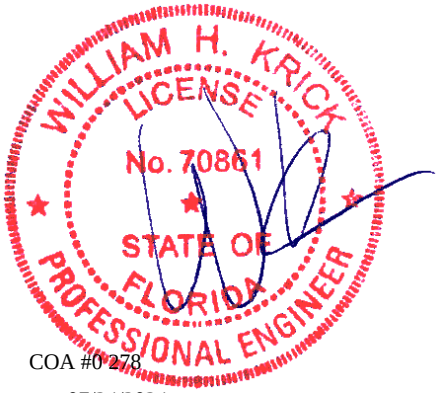
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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.



COA #0 278
07/24/2024
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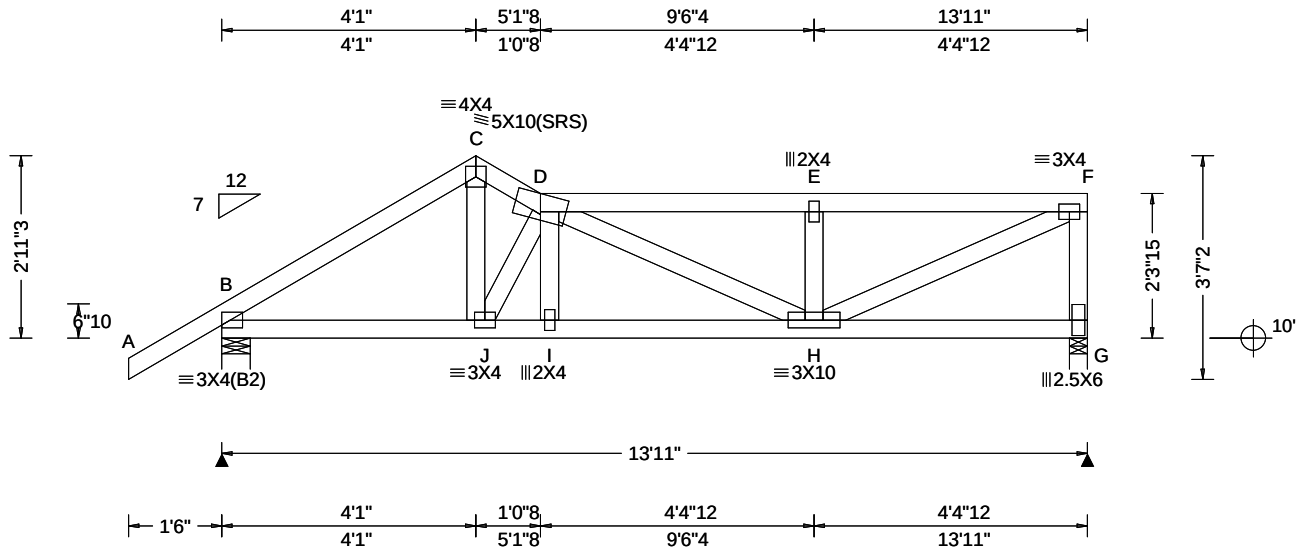
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33650 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.029	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

▲Maximum Reactions (lbs)

	Gravity			Non-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

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			

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.

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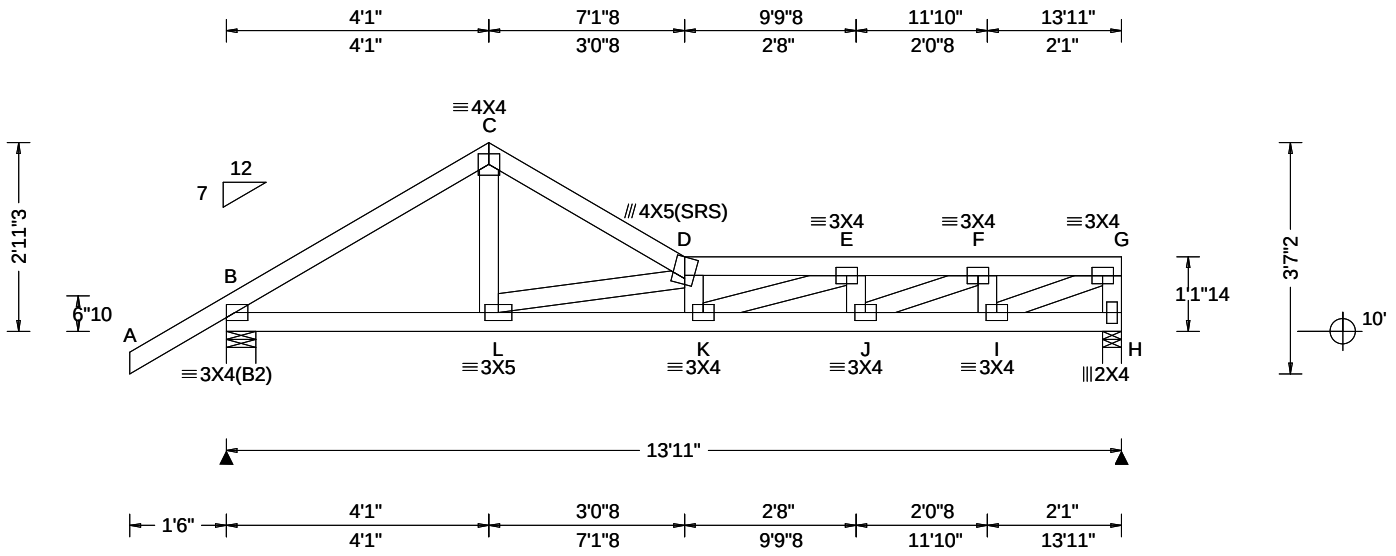
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 104721 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.077	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - L	552	- 119	K - J	1443	- 474
L - K	1834	- 473	J - I	905	- 323

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - L	502	- 59	J - F	594	- 143
L - D	365	- 1311	I - G	878	- 302
K - E	383	0	G - H	140	- 391

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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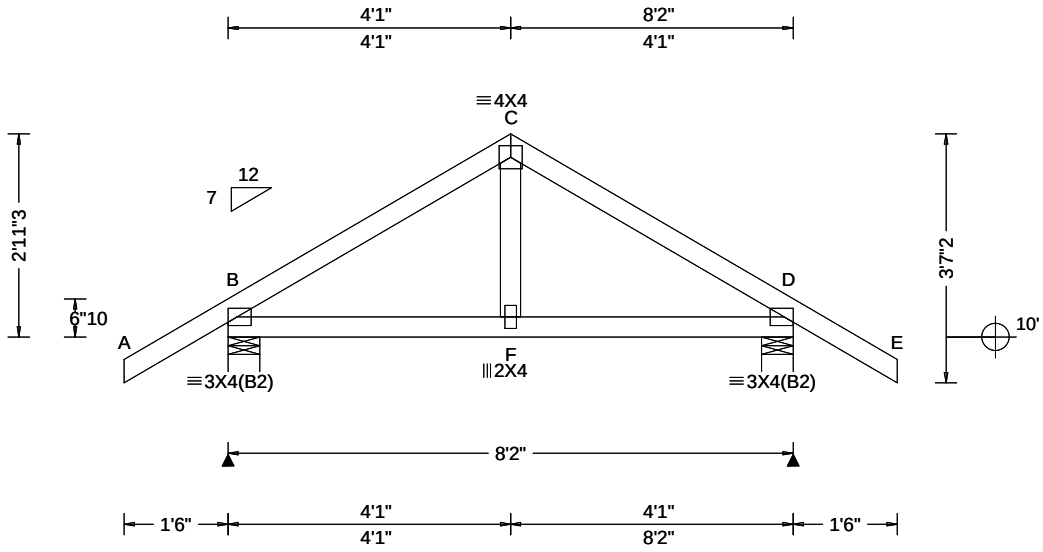
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47774 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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#

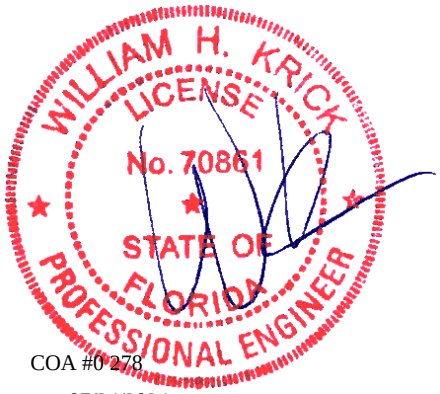
Lumber

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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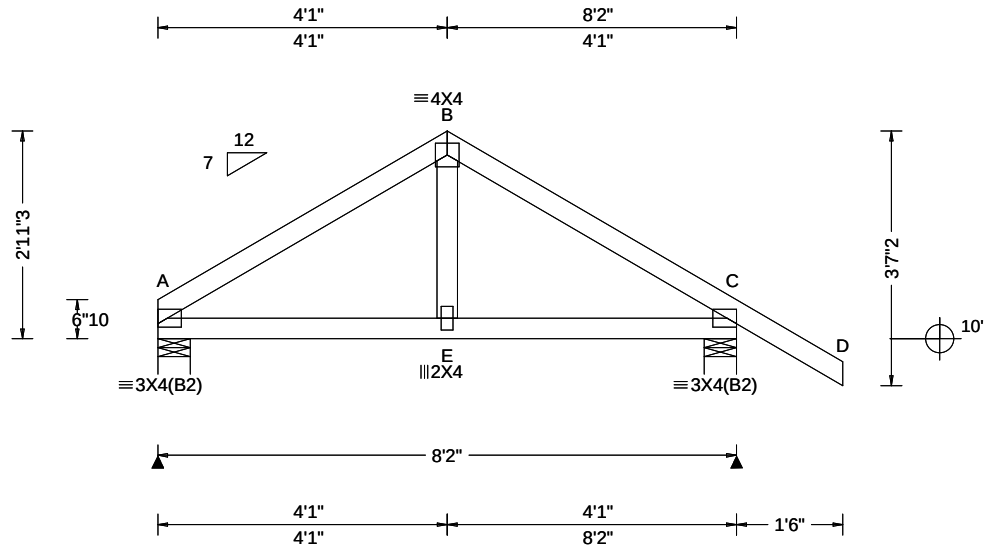
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46181 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.005	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

▲Maximum Reactions (lbs)

	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

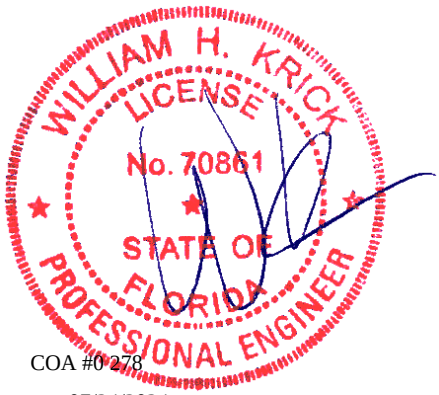
Lumber

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

07/24/2024

Florida Certificate of Product Approval #FL 1999

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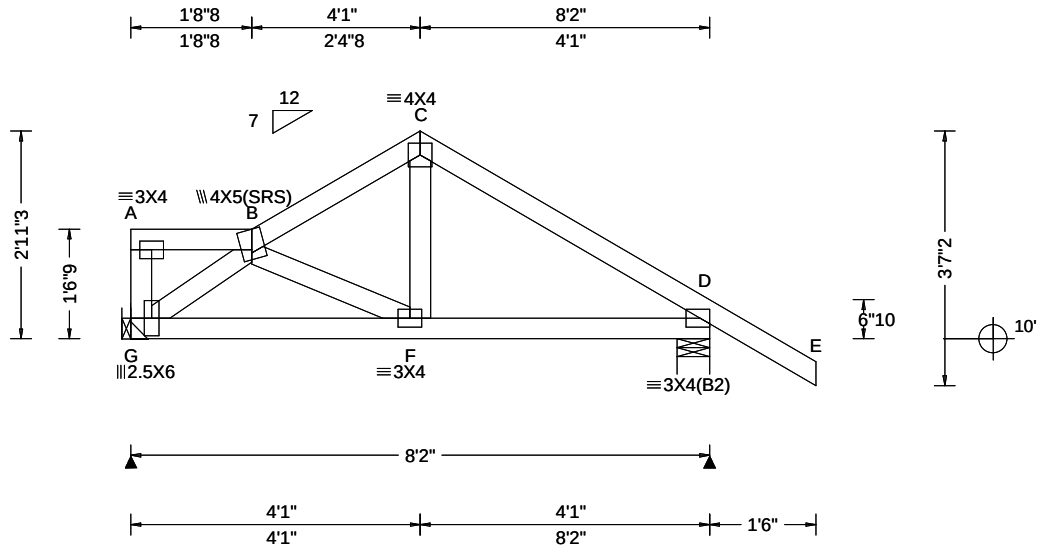
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46179 / COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.005	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

▲Maximum Reactions (lbs)

	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

Maximum Web Forces Per Ply (lbs)

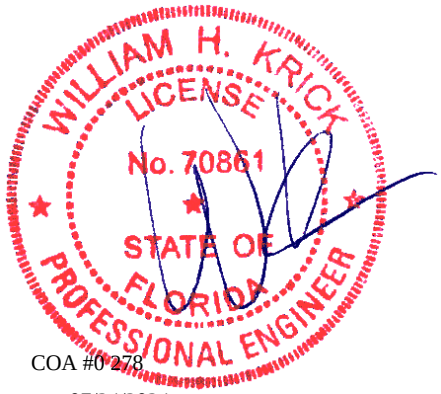
Webs	Tens.	Comp.
G - B	308	-402

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.



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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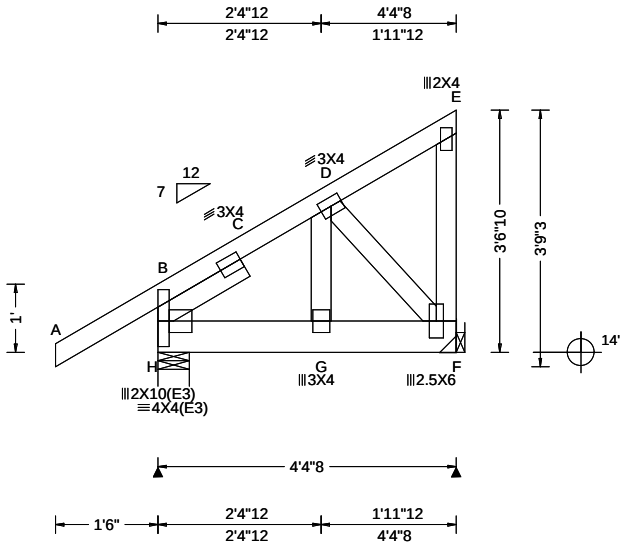
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34491 MONO FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	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

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
H	597	/-	/-	/-	/130	/-
F	523	/-	/-	/-	/91	/-

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - G	391	-66

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
G - D	566	-69	D - F	92	-531

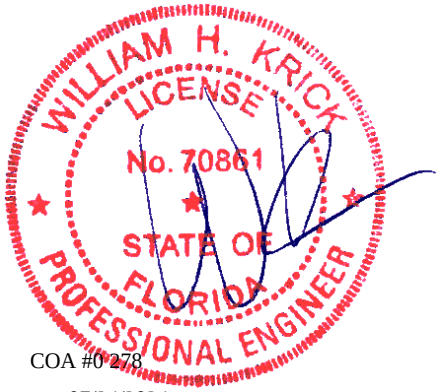
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Lt Slider: 2x4 SP #3; block length = 1.500'

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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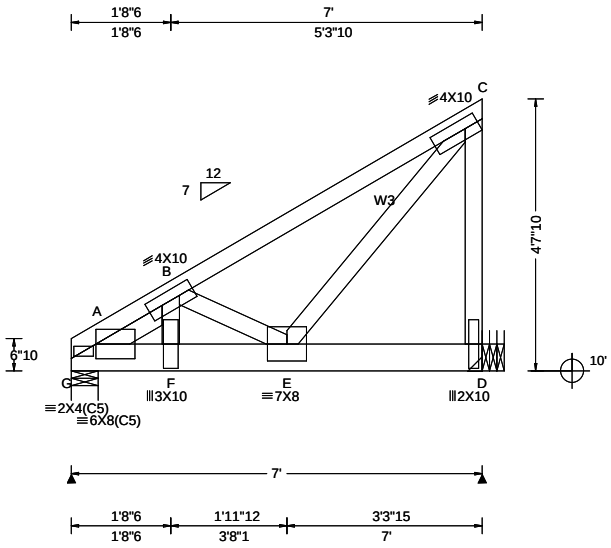
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46889 / SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.040	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	3876	-638	F - E	3975	-651

Maximum Web Forces Per Ply (lbs)

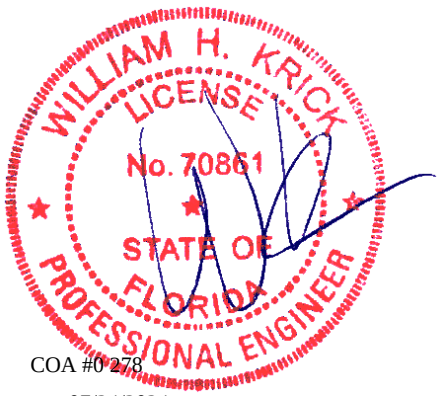
Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - F	2232	-330	E - C	3753	-611
B - E	311	-1880	C - D	288	-1682

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.



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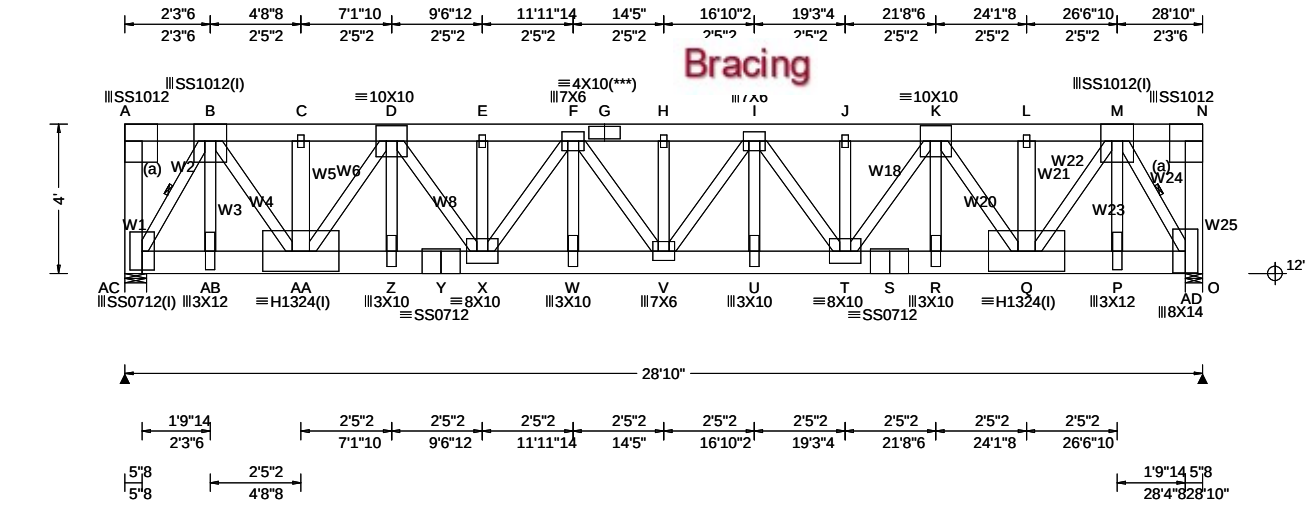
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

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

2 Complete Trusses Required



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.00 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 10.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
18SS, WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.361	V	958	240
VERT(CL): 0.716	V	483	180
HORZ(LL): 0.101	A	-	-
HORZ(TL): 0.200	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.734
Max BC CSI: 0.755
Max Web CSI: 0.880

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AC	18000 /-	/-	/442	/-	/-
AD	16344 /-	/-	/489	/-	/-

Wind reactions based on MWFRS
AC Brg Wid = 7.0 Min Req = 2.4 (Truss)
AD Brg Wid = 5.5 Min Req = 2.2 (Truss)
Bearings AC & AD 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	0	-9147	H - I	0	-16136
C - D	0	-9147	I - J	0	-14471
D - E	0	-14266	J - K	0	-14471
E - F	0	-14266	K - L	0	-9085
F - G	0	-16136	L - M	0	-9085
G - H	0	-16136			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AC-AB	5093	0	V - U	15737	0
AB-AA	5093	0	U - T	15737	0
AA- Z	12109	0	T - S	12236	0
Z - Y	12109	0	S - R	12236	0
Y - X	12109	0	R - Q	12236	0
X - W	15579	0	Q - P	4936	0
W - V	15579	0	P - O	4936	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AC- B	0	-9142	V - I	697	0
B -AB	1825	-245	I - U	1108	0
B -AA	7071	0	I - T	0	-2208
AA- D	0	-5168	T - K	3899	0
D - Z	986	0	K - R	1146	0
D - X	3762	0	K - Q	0	-5497
X - F	0	-2290	Q - M	7236	0
F - W	938	0	M - P	1467	-29
F - V	973	-173	M - O	0	-8868

Lumber

Top chord: 2x6 SP 2400f-2.0E;
Bot chord: 2x8 SP 2400f-2.0E;
Webs: 2x4 SP #3; W1,W5,W21,
W25 2x6 SP 2400f-2.0E; W2,W3,W4,W6,W20,W22,
W24 2x4 SP M-31; W8,W18,W23 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

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

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 60 plf at 0.00 to 60 plf at 26.69
TC: From 30 plf at 26.69 to 30 plf at 28.83
BC: From 10 plf at 0.46 to 10 plf at 28.37
BC: 2195 lb Conc. Load at 0.52, 1.60, 2.81
BC: 2197 lb Conc. Load at 4.69
BC: 1799 lb Conc. Load at 6.69,10.69
BC: 1802 lb Conc. Load at 8.69
BC: 1798 lb Conc. Load at 12.69
BC: 2072 lb Conc. Load at 14.69
BC: 2068 lb Conc. Load at 16.69,22.69
BC: 2070 lb Conc. Load at 18.69,20.69,24.69
BC: 2003 lb Conc. Load at 26.69
BC: 1997 lb Conc. Load at 27.69

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.36" DL: 0.36". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

COA #0 278
07/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

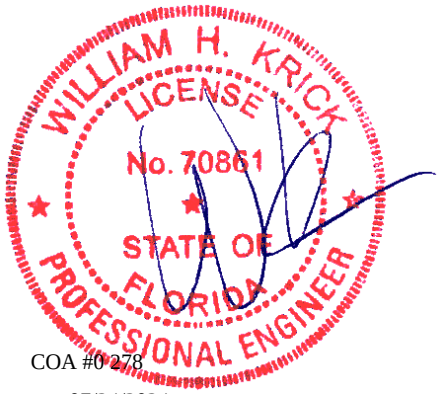
Additional Notes

(***) 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

07/24/2024

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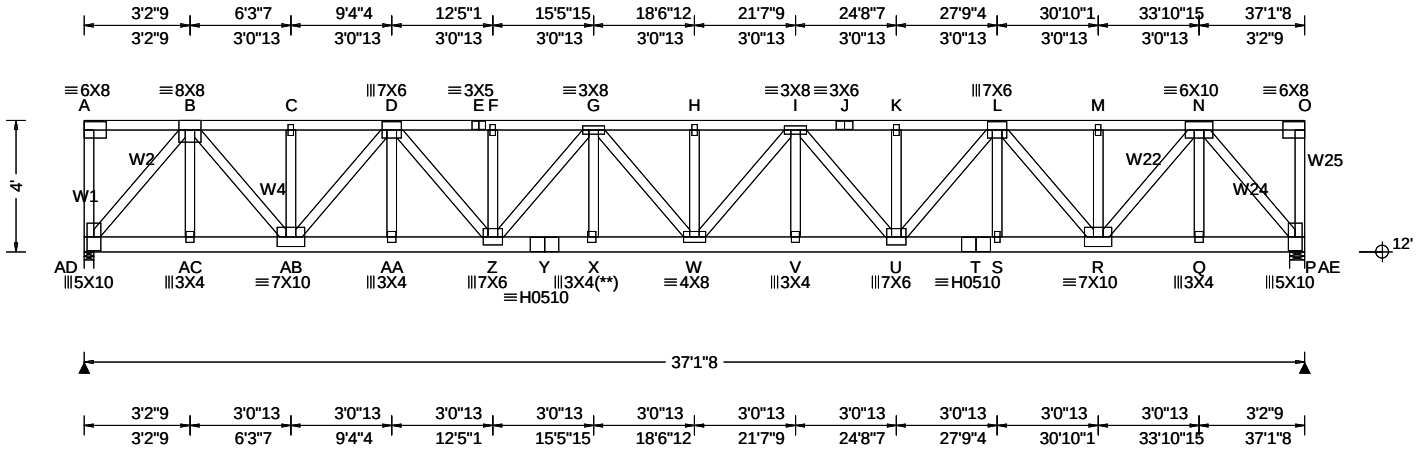
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105704 FLAT FROM:	Ply: 2 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** G36	Cust: R 215 JRef:1Y1S2150010 T111 DrwNo: 205.24.1512.24553 AK / WHK 07/23/2024	

2 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.71 ft
Loc. from endwall: not in 10.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.374	H	999	240
VERT(CL): 0.748	H	595	180
HORZ(LL): 0.095	A	-	-
HORZ(TL): 0.191	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.388
Max BC CSI: 0.483
Max Web CSI: 0.867

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AD	6626 /-	/-	/-	/1796	/-
AE	6181 /-	/-	/-	/1892	/-

Wind reactions based on MWFRS
AD Brg Wid = 3.5 Min Req = 2.7 (Truss)
AE Brg Wid = 5.5 Min Req = 2.6 (Truss)
Bearings AD & AE 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	1358	- 4685	H - I	2376	- 7923
C - D	1358	- 4685	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

Maximum Bot Chord Forces Per Ply (lbs)

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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AD- B	1120	- 4002	I - V	452	- 132
B -AC	553	- 91	I - U	293	- 1001
B -AB	3130	- 948	U - L	1613	- 480
AB- D	692	- 2220	L - S	432	- 126
D -AA	442	- 132	L - R	677	- 2258
D - Z	1562	- 487	R - N	3066	- 924
Z - G	303	- 956	N - Q	514	- 157
G - X	458	- 134	N - P	1182	- 3884

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;

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.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 30 plf at 0.00 to 30 plf at 37.12
BC: From 10 plf at 0.00 to 10 plf at 37.12
BC: 644 lb Conc. Load at 0.60
BC: 568 lb Conc. Load at 2.60,33.77,35.77
BC: 565 lb Conc. Load at 4.60, 5.69,30.77,31.77
BC: 559 lb Conc. Load at 6.90, 8.77,10.77,12.77
14.77,16.77,18.77,20.77,22.77,24.77,26.77,28.77

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.

Purlins

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.

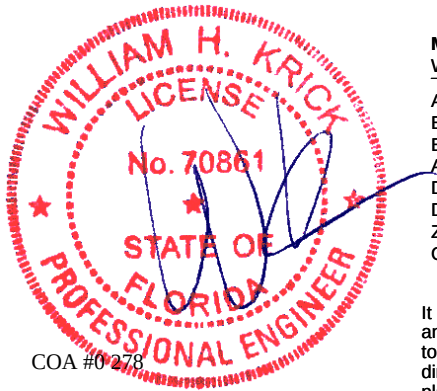
Deflection

Max JT VERT DEFL: LL: 0.37" DL: 0.37". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

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.



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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.

07/24/2024

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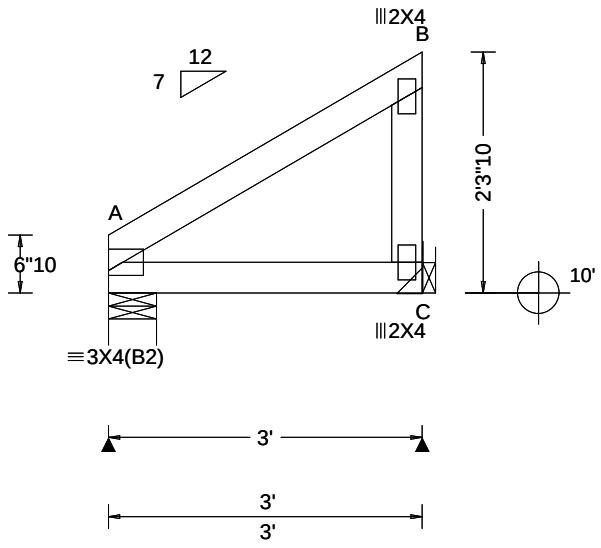
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46183 / MONO FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.189
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.585
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.076
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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)

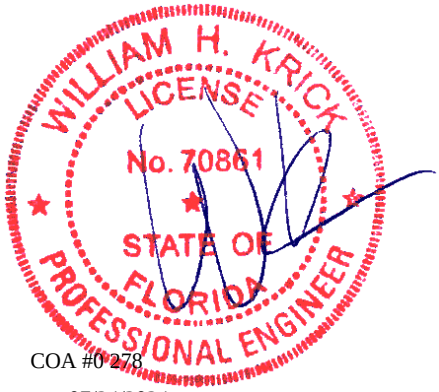
TC: From	63 plf at	0.00 to	63 plf at	3.00	
BC: From	20 plf at	0.00 to	20 plf at	3.00	
BC: 326 lb Conc. Load at 1.77					

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.



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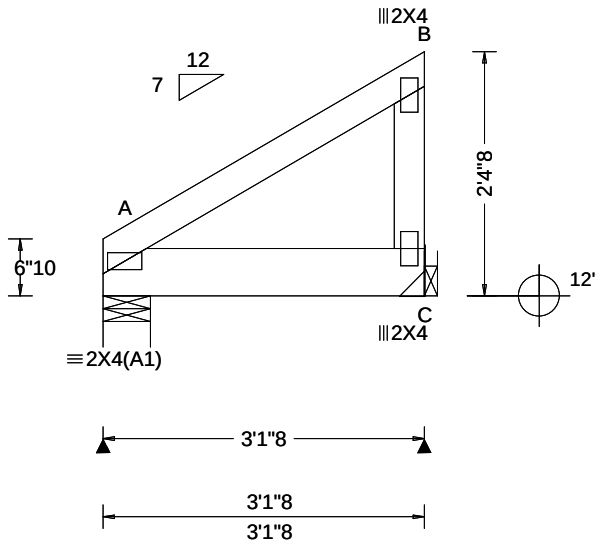
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33583 MONO FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	496	/-	/-	/-	/75	/-
C	317	/-	/-	/-	/49	/-

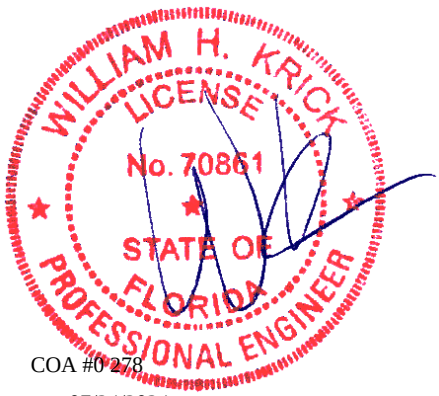
Wind reactions based on MWFRS
A Brg Wid = 5.5 Min Req = 1.5 (Truss)
C Brg Wid = - Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

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
Florida Certificate of Product Approval #FL 1999

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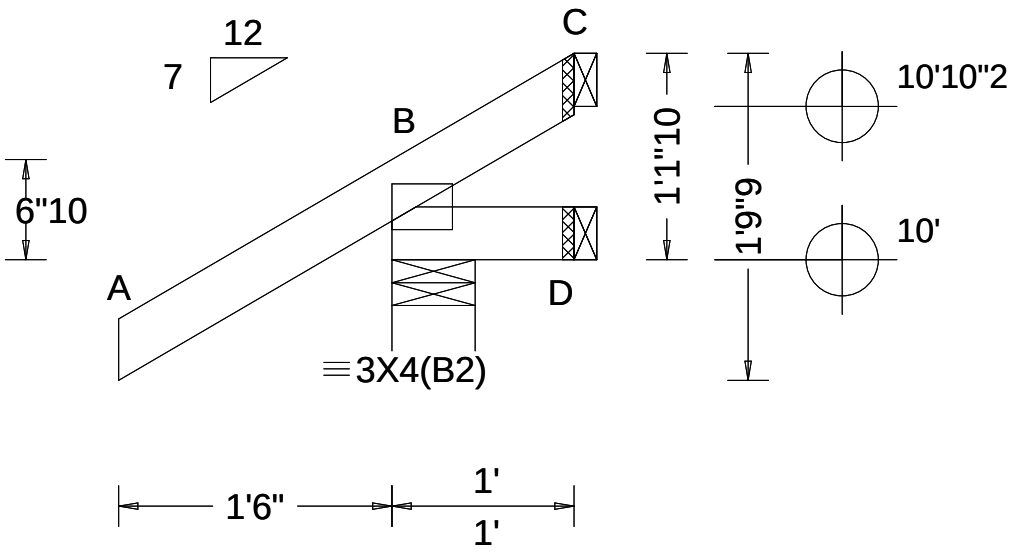
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47443 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.001 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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	235	/-	/-	/185	/52	/44
D	12	/-5	/-	/12	/5	/-
C	-	/-45	/-	/31	/46	/-

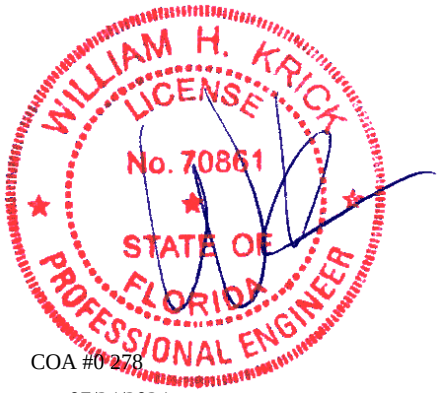
Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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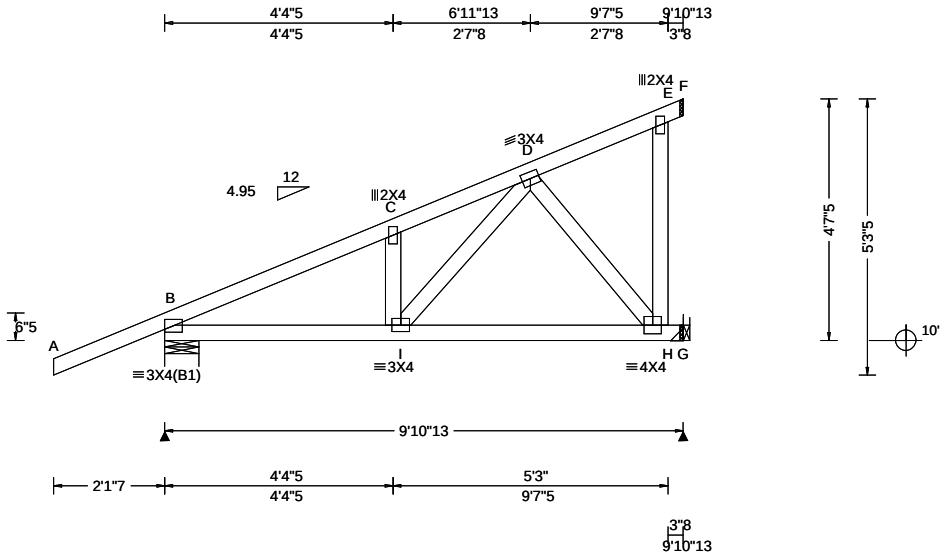
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105820 HIP_ FROM:	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	



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - I	527	-67

Maximum Web Forces Per Ply (lbs)

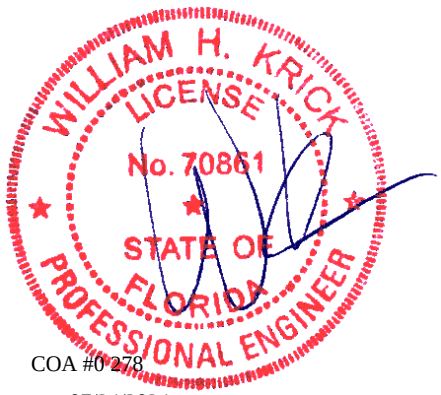
Webs	Tens.	Comp.
D - H	113	-505

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

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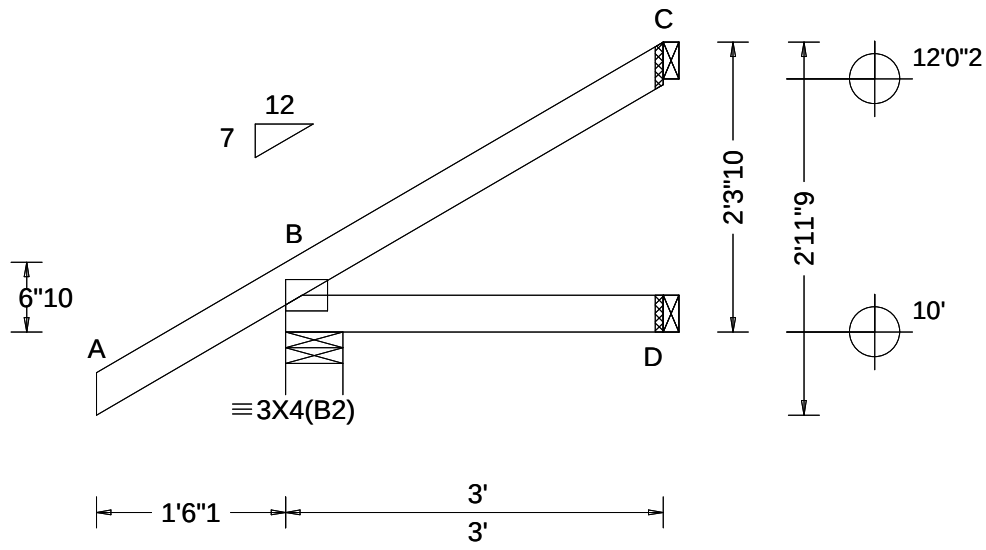
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46189 / JACK FROM:	Ply: 1 Qty: 11	**Job Number:** 24-1284 Logan Jack **Truss Label:** J02	Cust: R 215 JRef:1Y1S2150010 T6 / DrwNo: 205.24.1159.13702 NW / DF 07/23/2024



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.226
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.081
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

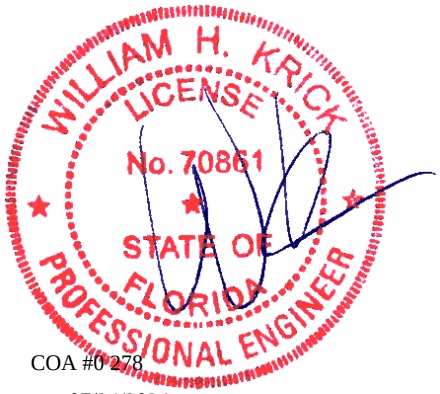
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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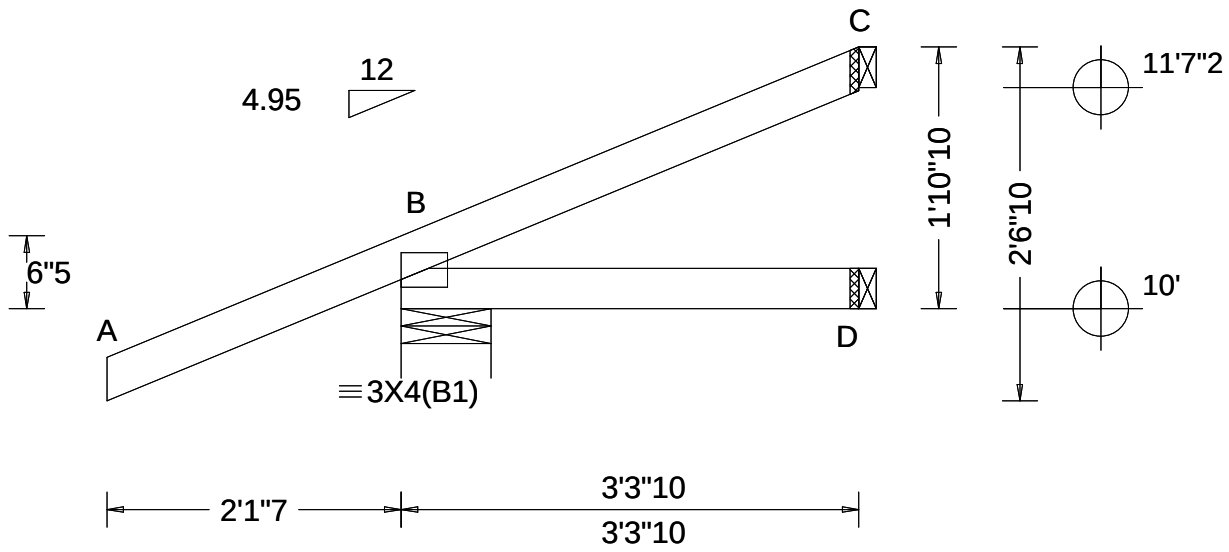
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47445 / HIP_ FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 B - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.328
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.087
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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 #0278

07/24/2024

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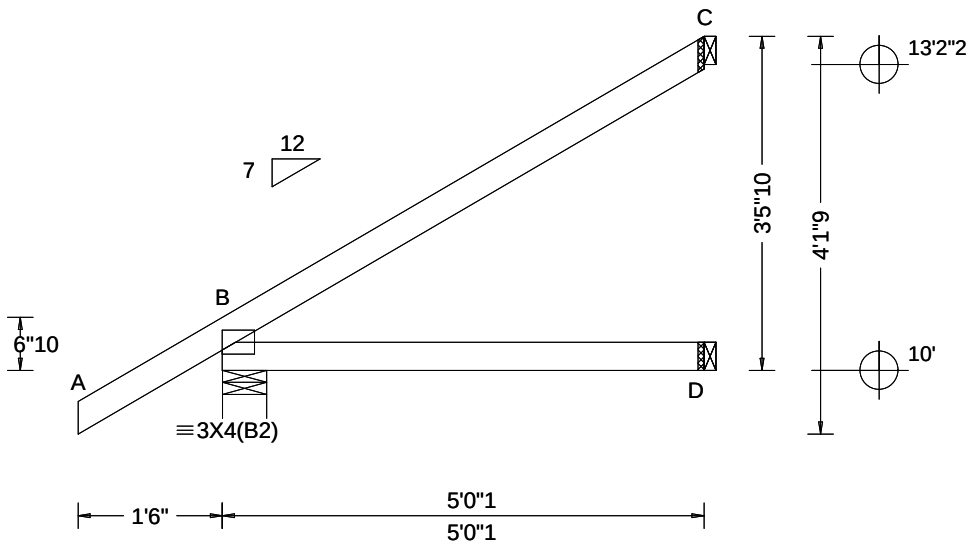
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46191 / JACK FROM:	Ply: 1 Qty: 10	**Job Number:** 24-1284 Logan Jack **Truss Label:** J03	Cust: R 215 JRef:1Y1S2150010 T135 DrwNo: 205.24.1159.14392 NW / DF 07/23/2024



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.002 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

▲Maximum Reactions (lbs)

	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#

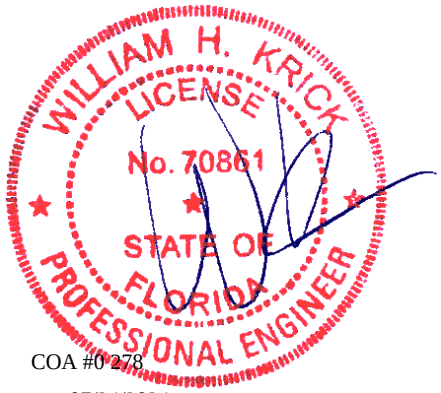
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	387	- 137

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

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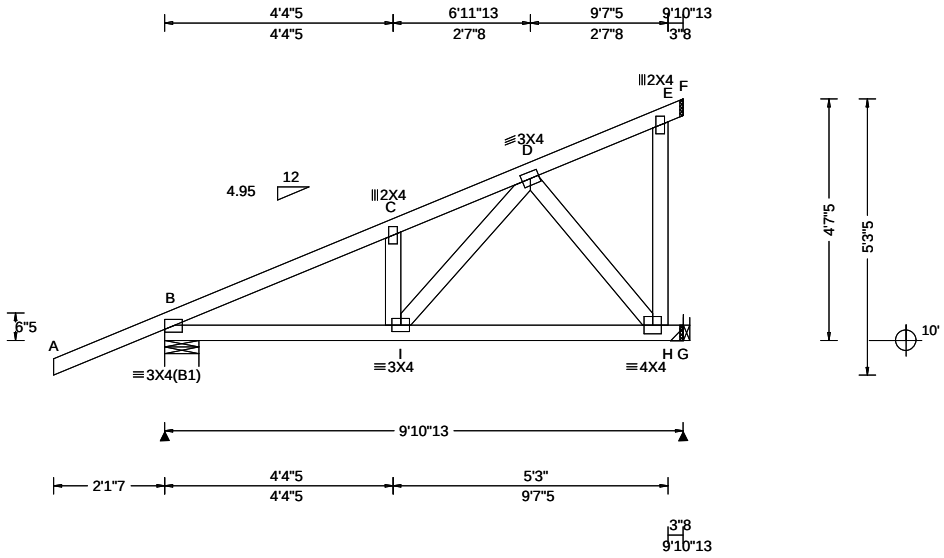
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105822 HIP_ FROM:	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



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - I	527	-67

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - H	113	-505

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

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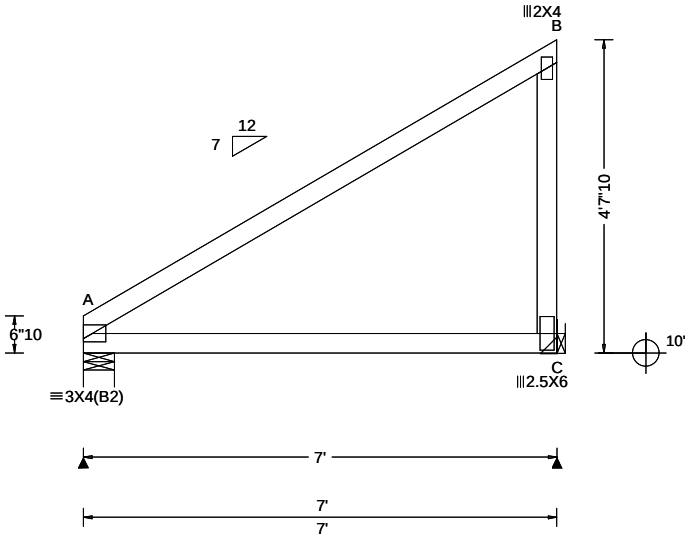
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46862 / EJAC FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.028 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.856
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.566
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.078
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

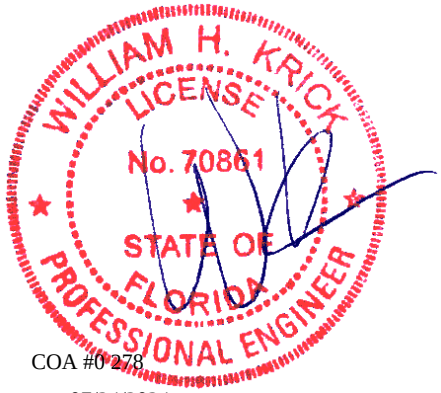
(J) Hanger Support Required, by others

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.



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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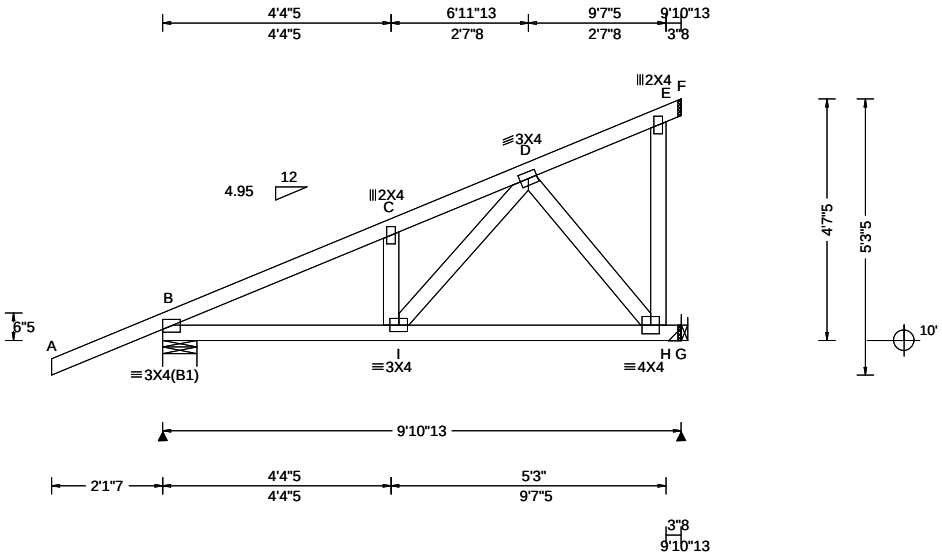
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105824 HIP_ FROM:	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



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	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

▲Maximum Reactions (lbs)

	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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - I	527	-67

Maximum Web Forces Per Ply (lbs)

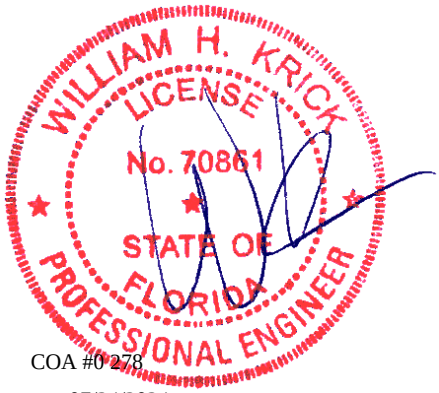
Webs	Tens.	Comp.
D - H	113	-505

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

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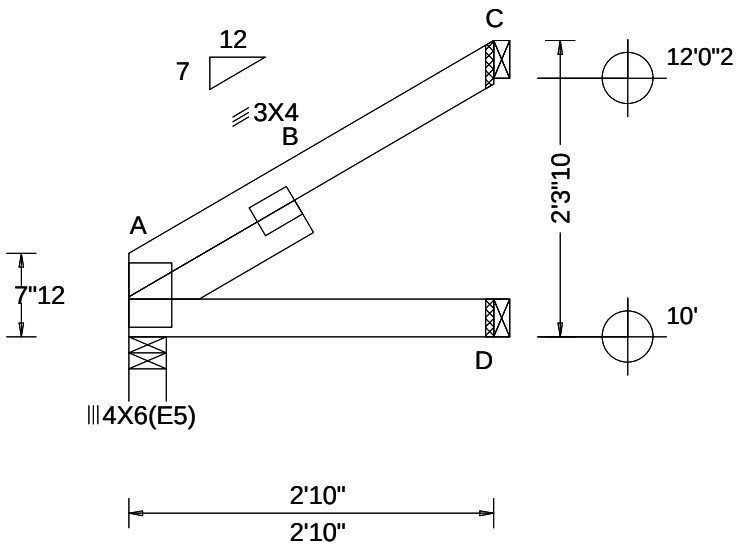
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46199 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.005 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

▲Maximum Reactions (lbs)

	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

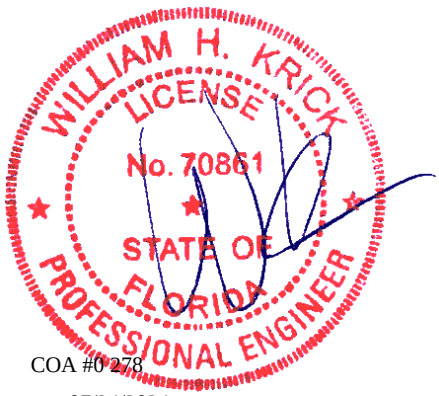
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'

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

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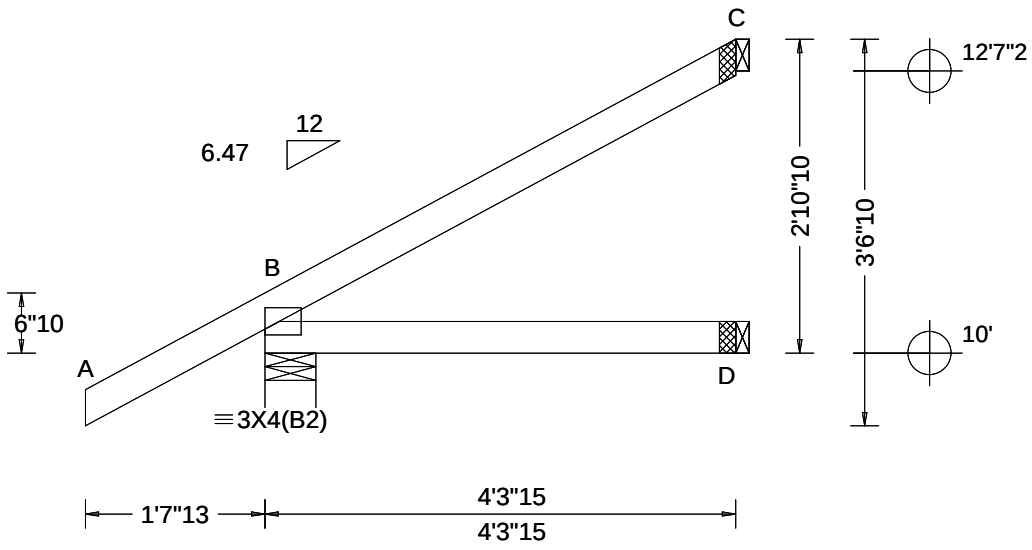
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46242 / HIP_ FROM:	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



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	142	/-	/-	/-	/30	/-
D	26	/-	/-	/13	/-	/-
C	77	/-	/-	/-	/27	/-

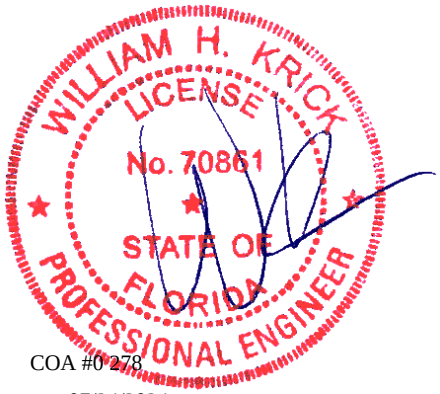
Wind reactions based on MWFRS
B Brg Wid = 5.6 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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 #0 278
07/24/2024
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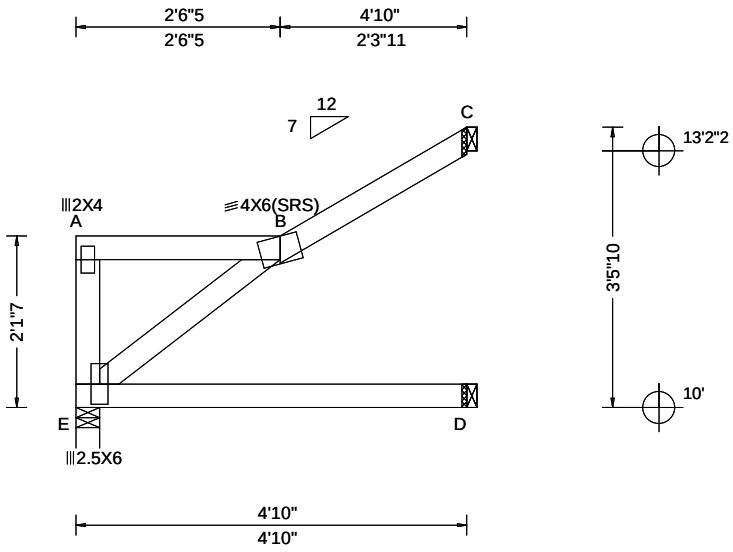
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46197 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.065	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

▲Maximum Reactions (lbs)

	Gravity			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.

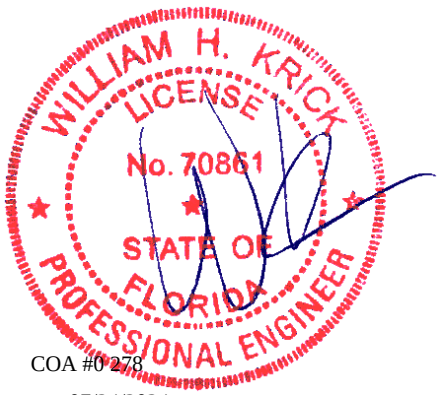
Wind

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 #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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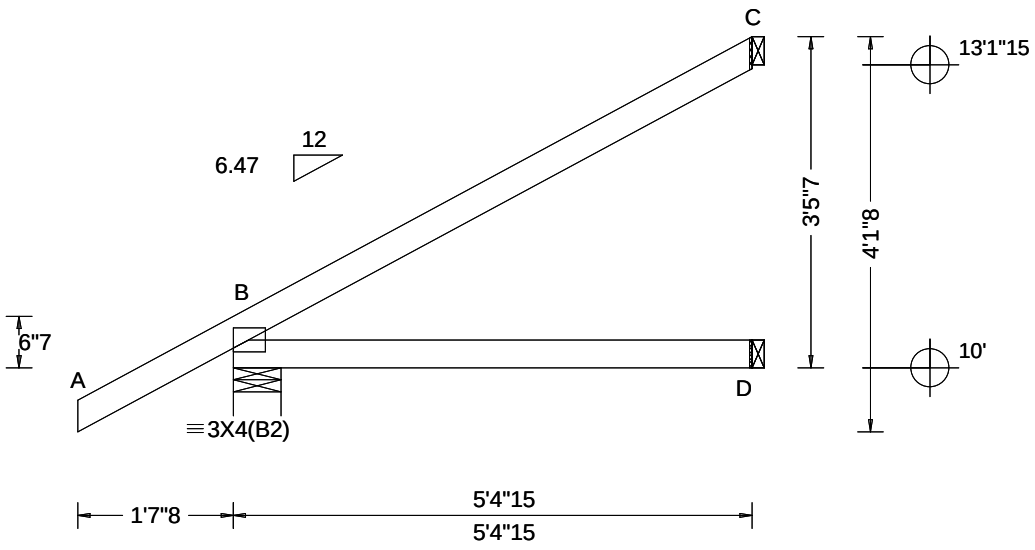
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46244 / HIP_ FROM:	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



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	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

▲Maximum Reactions (lbs)

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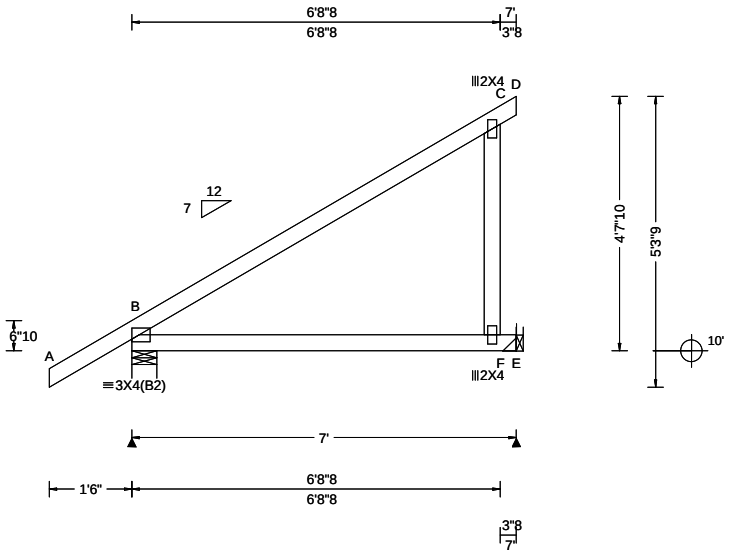
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105826 EJAC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.021 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

▲Maximum Reactions (lbs)

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

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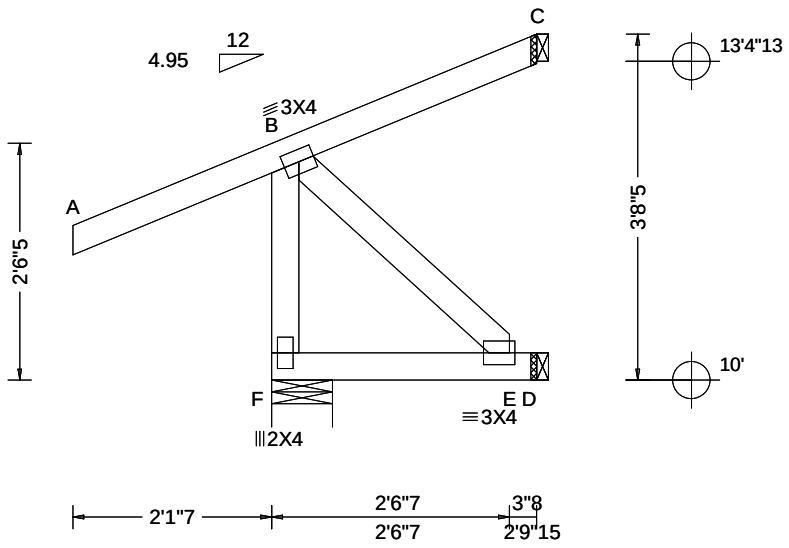
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47470 / HIP_ FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.286
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.011
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.039
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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.

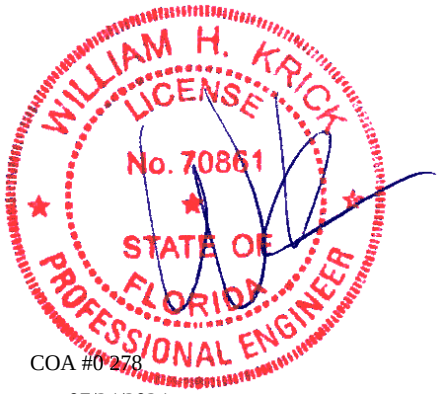
Wind

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

Florida Certificate of Product Approval #FL 1999

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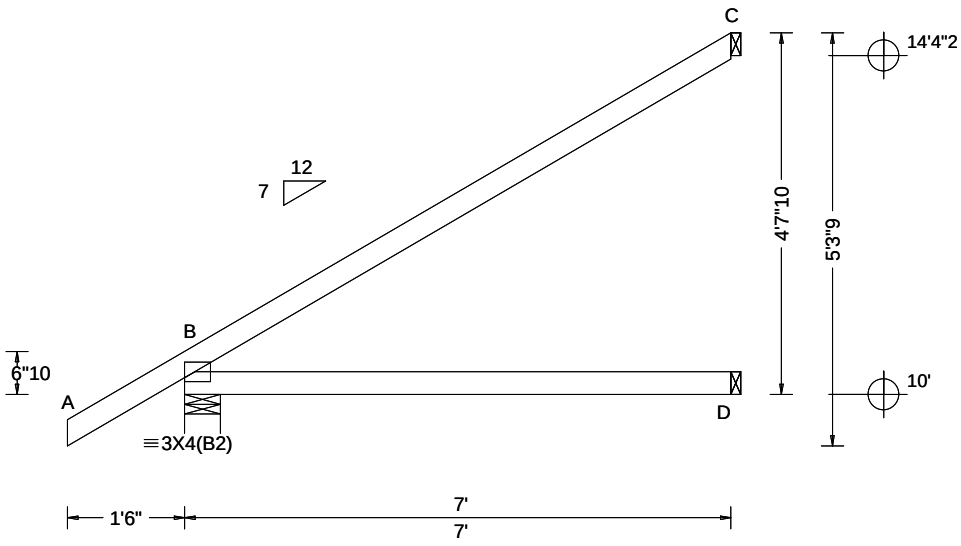
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46820 / EJAC FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.011 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.022 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.795
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.550
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

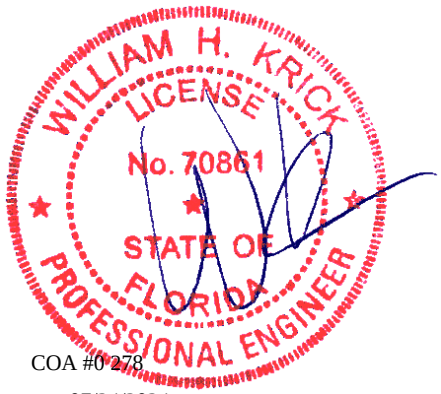
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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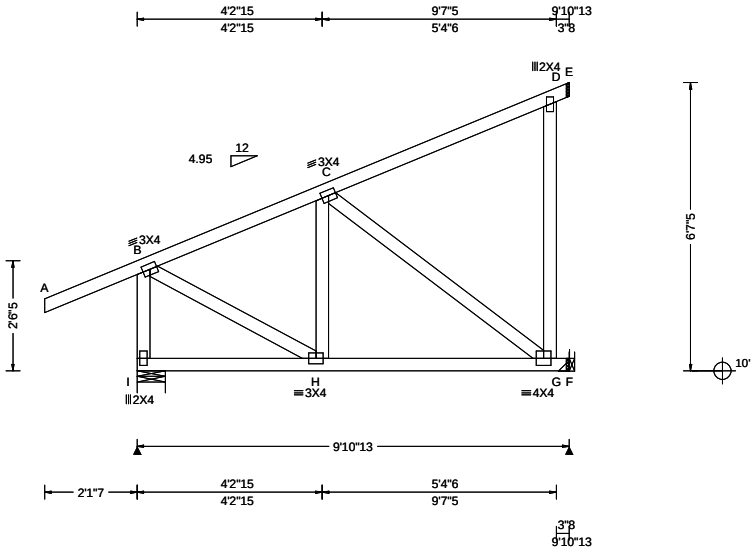
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105828 HIP_ FROM:	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



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	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

▲Maximum Reactions (lbs)

	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

Maximum Web Forces Per Ply (lbs)

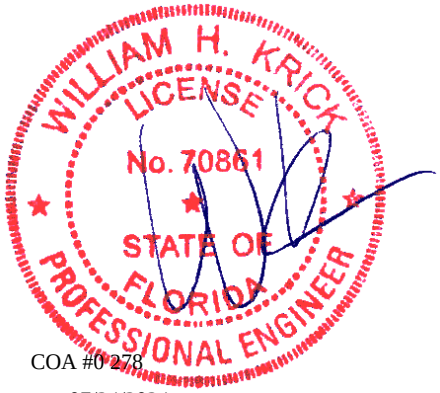
Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - I	83	-447	C - G	72	-429
B - H	398	-61			

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 #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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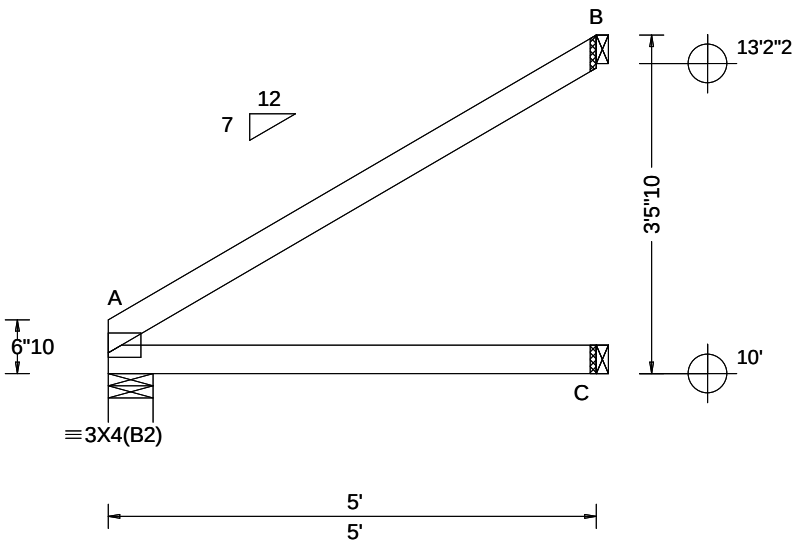
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 45612 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.005 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

▲Maximum Reactions (lbs)

	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

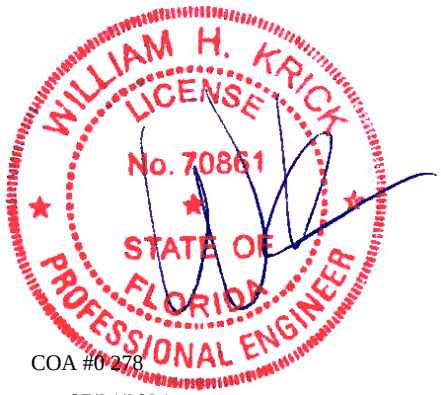
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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

07/24/2024

Florida Certificate of Product Approval #FL 1999

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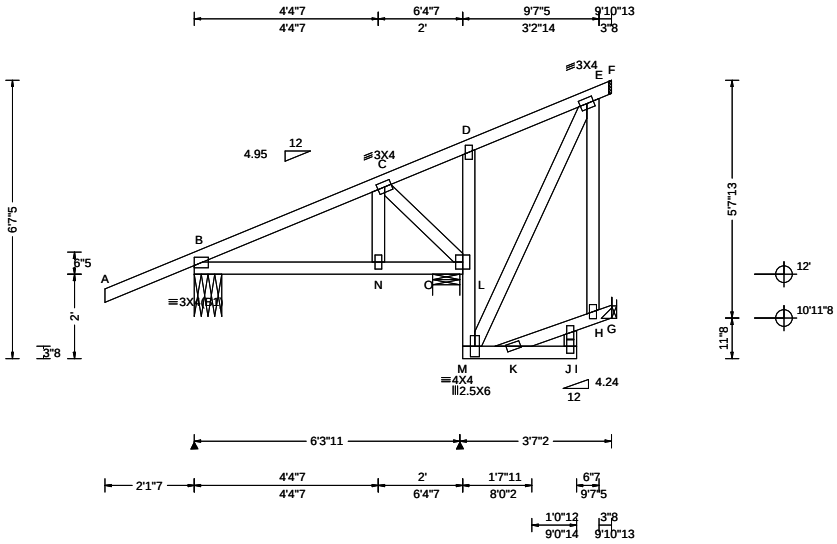
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105830 MONO FROM:	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



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.017	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

▲Maximum Reactions (lbs)

	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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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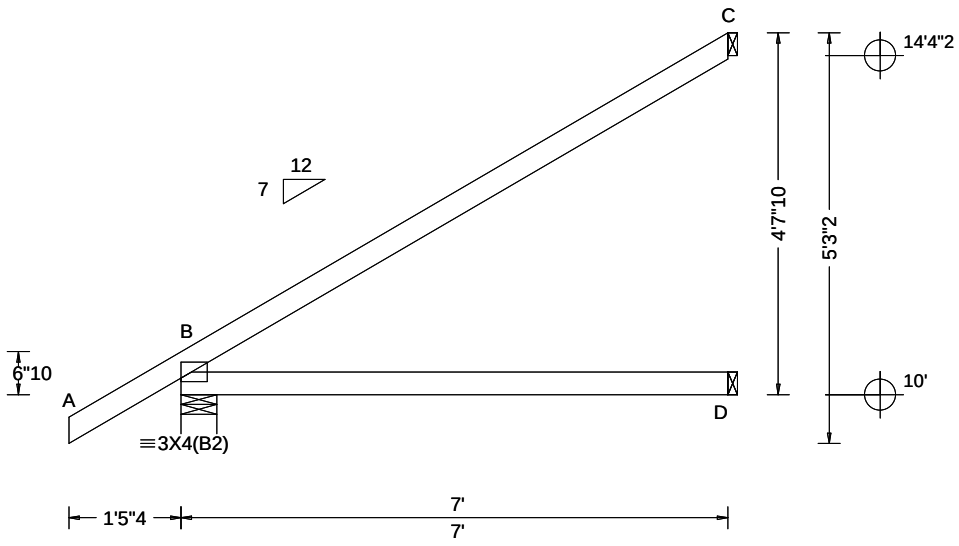
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46232 / HIP_ FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.011 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

▲Maximum Reactions (lbs)

	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

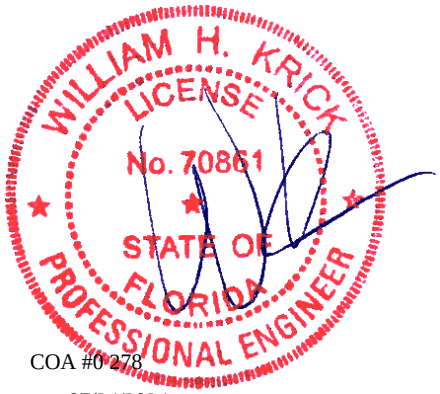
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



COA #0278

07/24/2024

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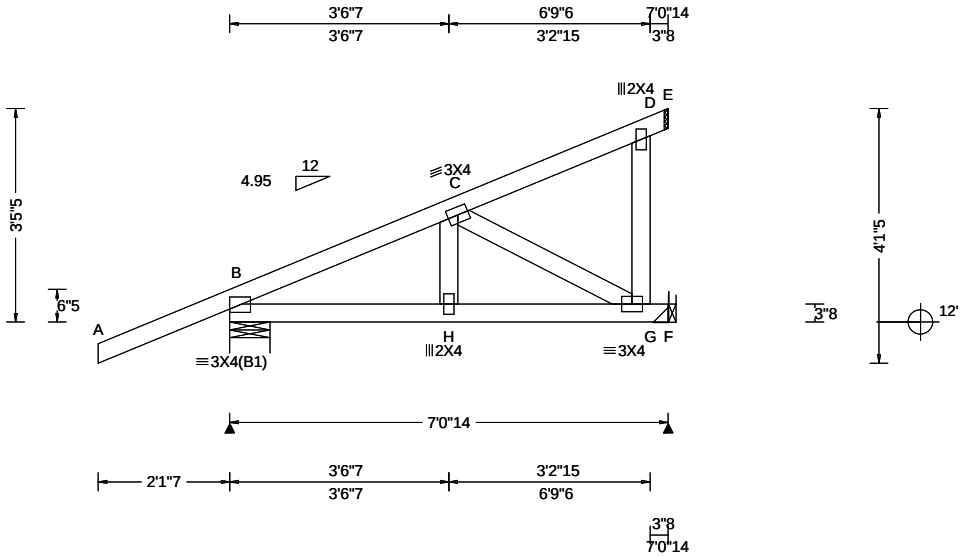
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105844 EJAC FROM:	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	



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.009	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

▲Maximum Reactions (lbs)

	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.

COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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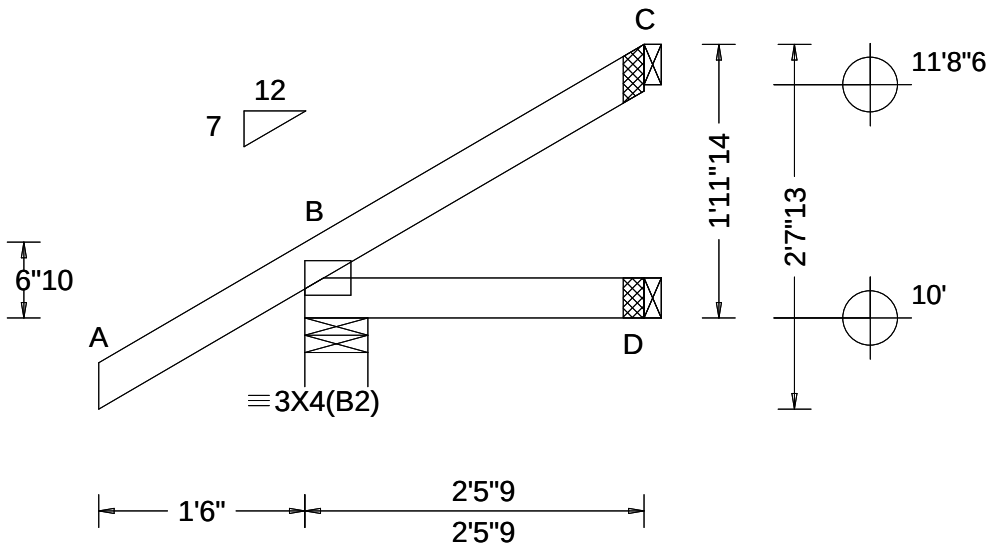
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46238 / JACK FROM:	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



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.001 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

▲Maximum Reactions (lbs)

	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

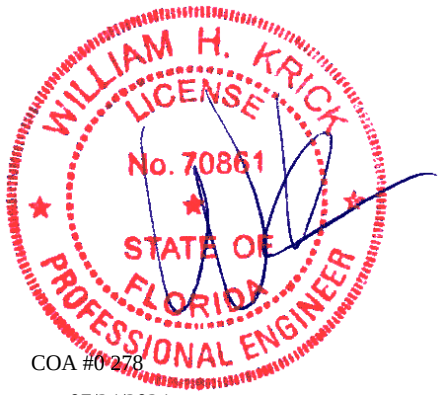
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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
Florida Certificate of Product Approval #FL 1999

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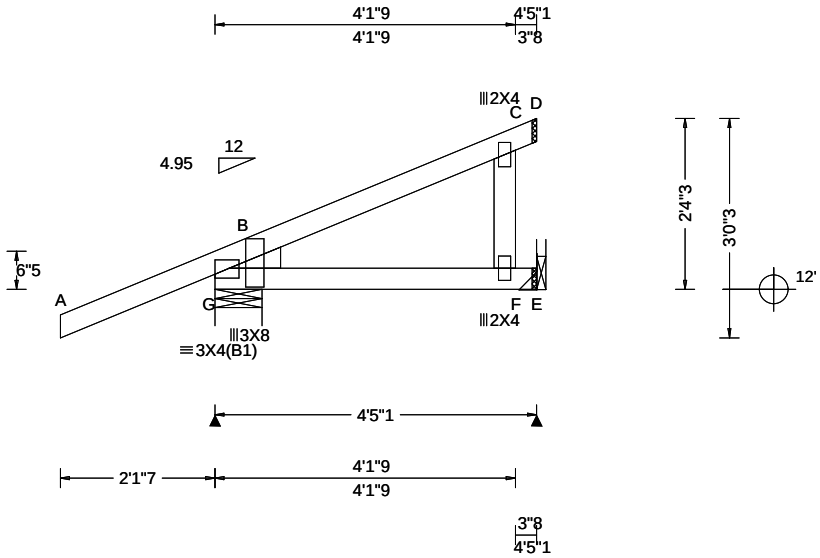
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105861 HIP_ FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** J11HJ	Cust: R 215 JRef:1Y1S2150010 T99 DrwNo: 205.24.1509.22653 AK / WHK 07/23/2024



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.004 B	-	-
HORZ(TL):	0.007 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.127
Max BC CSI: 0.147
Max Web CSI: 0.042

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	209	/-	/-	/-	/97	/-
E	118	/-9	/-	/-	/24	/-

Wind reactions based on MWFRS
G Brg Wid = 7.8 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing G 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 Wedge: 2x4 SP #3;

Special Loads

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

TC: From	0 plf at	-2.12 to	62 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	4.42
BC: From	0 plf at	-2.12 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	4.42

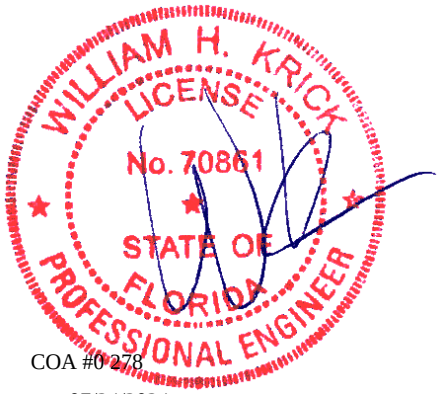
TC: -39 lb Conc. Load at 1.48
BC: 24 lb Conc. Load at 1.48

Hangers / Ties

(J) Hanger Support Required, by others

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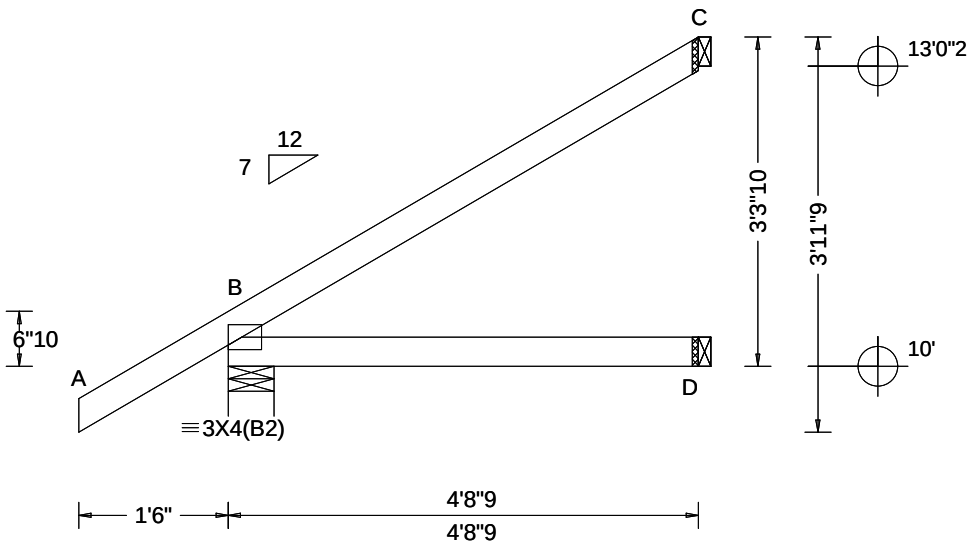
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46236 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.003 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

▲Maximum Reactions (lbs)

	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

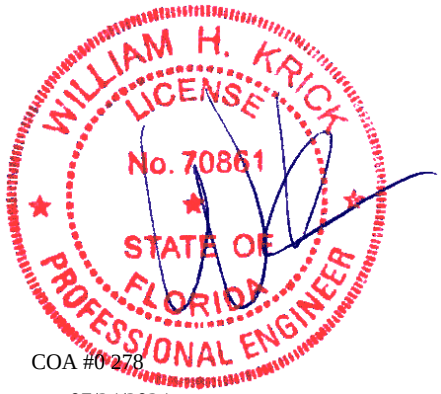
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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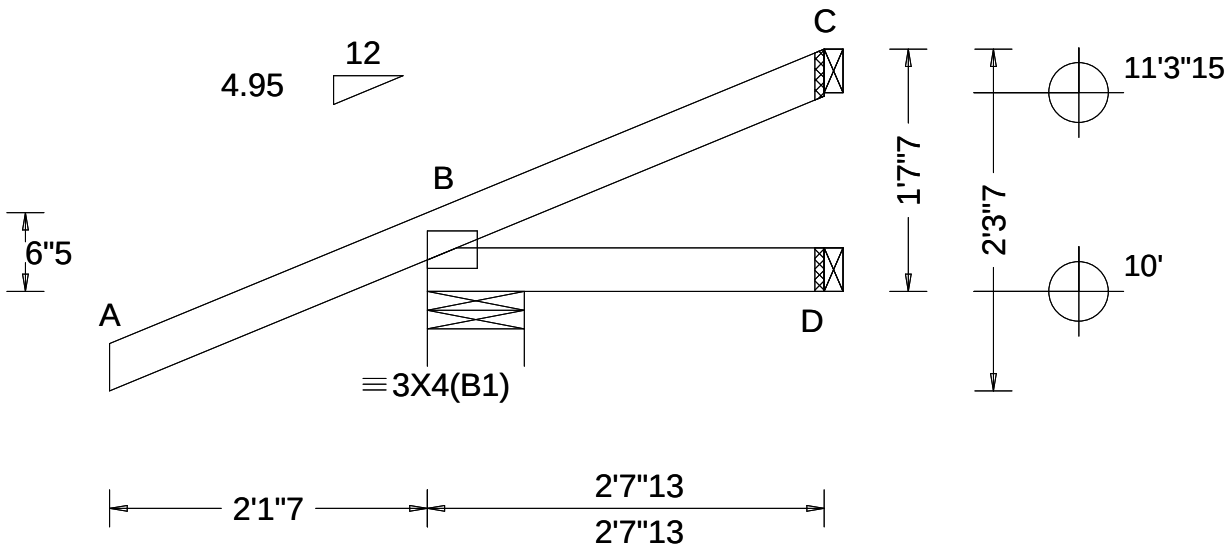
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47615 / HIP_ FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 B - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.270
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.060
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

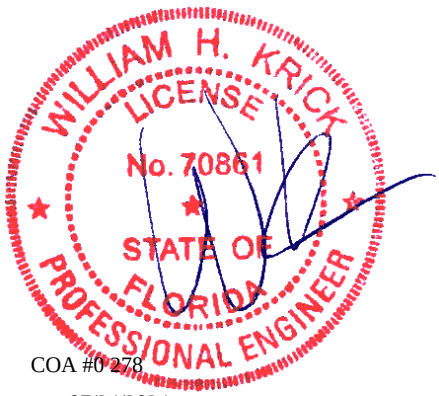
Hipjack supports 1-10-8 setback jacks with no webs.

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 #0278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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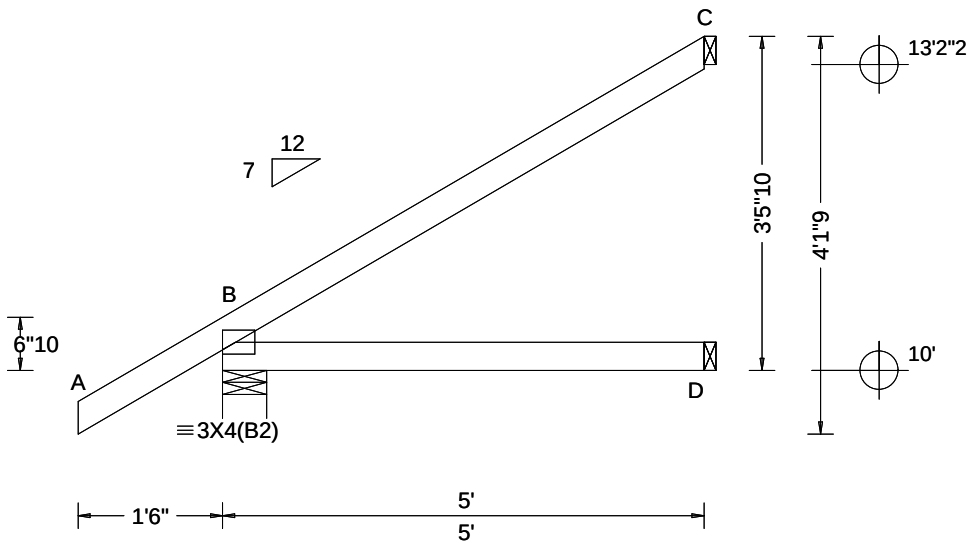
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47617 / JACK FROM:	Ply: 1 Qty: 3	**Job Number:** 24-1284 Logan Jack **Truss Label:** J13	Cust: R 215 JRef:1Y1S2150010 T23 / DrwNo: 205.24.1159.13874 NW / DF 07/23/2024



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.001 B - -
HORZ(TL): 0.003 B - -
Creep Factor: 2.0
Max TC CSI: 0.263
Max BC CSI: 0.105
Max Web CSI: 0.000

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	151	/-	/-	/-	/29	/-
D	39	/-	/-	/17	/-	/-
C	112	/-	/-	/-	/38	/-

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;

Loading
Hipjack supports 3-6-7 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
07/24/2024
Florida Certificate of Product Approval #FL 1999

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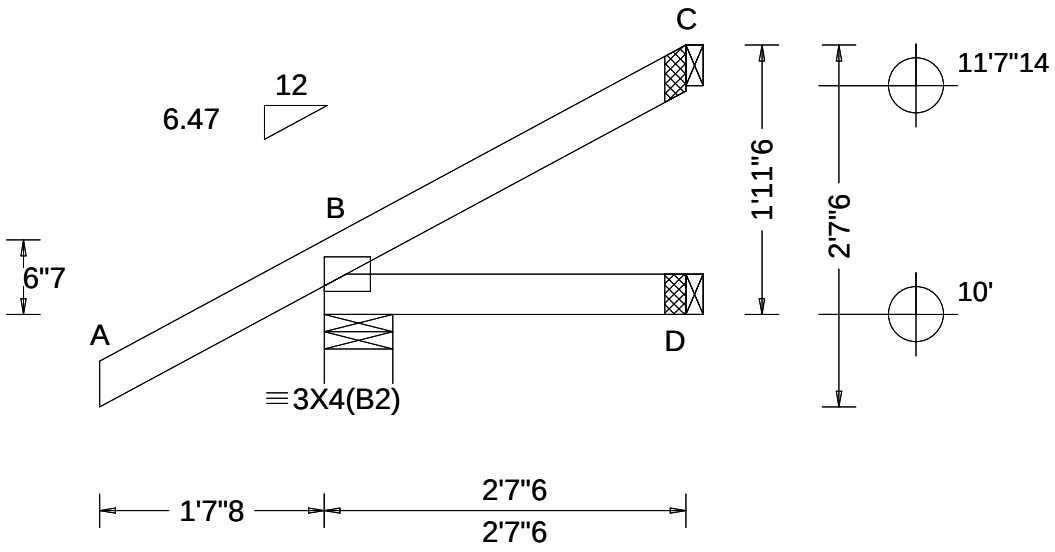
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47802 / HIP_ FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.143
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.032
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

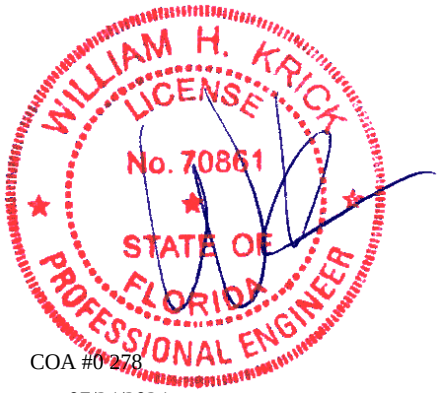
Hipjack supports 1-10-3 setback jacks with no webs.

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.



COA #0278
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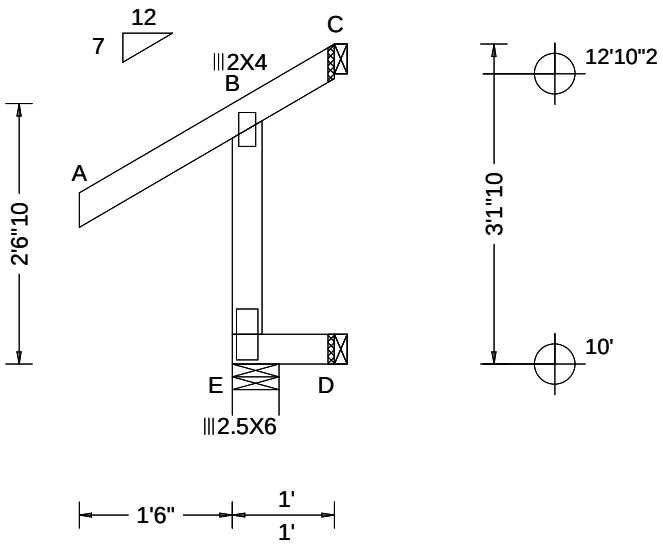
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47601 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	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

▲Maximum Reactions (lbs)

	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#

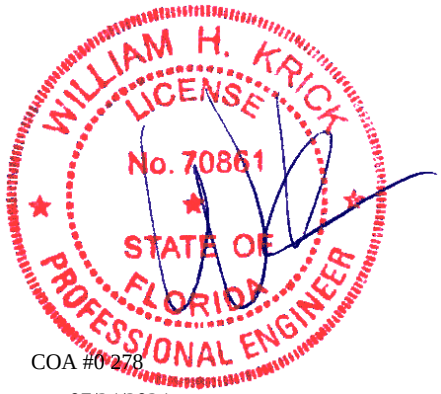
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	465	- 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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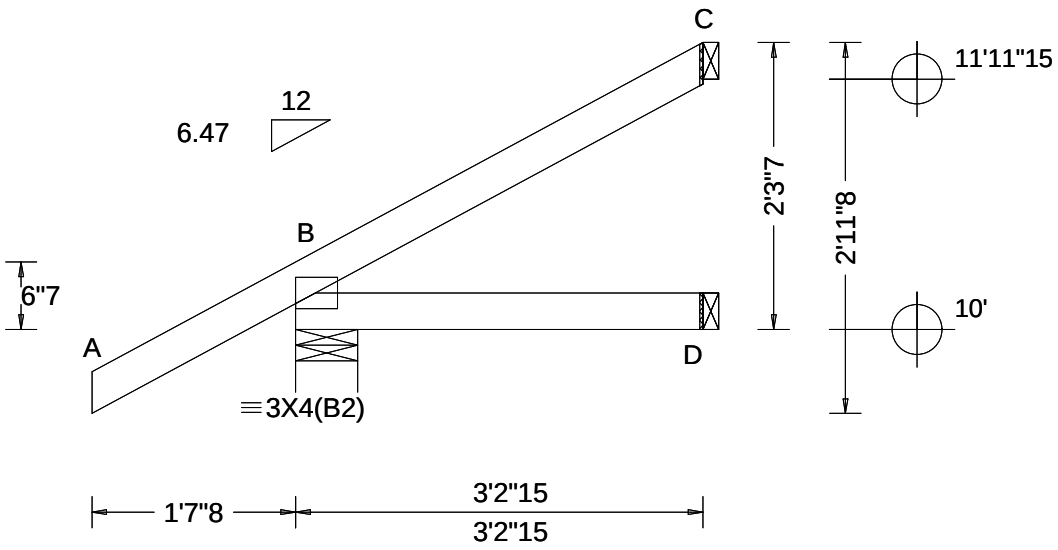
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46483 / HIP_ FROM:	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



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	127	/-	/-	/-	/29	/-
D	10	/-	/-	/8	/-	/-
C	30	/-	/-	/-	/12	/-

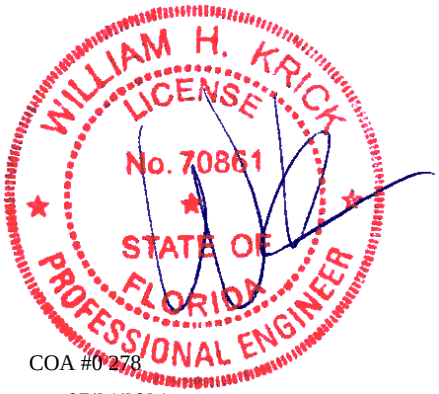
Wind reactions based on MWFRS
B Brg Wid = 6.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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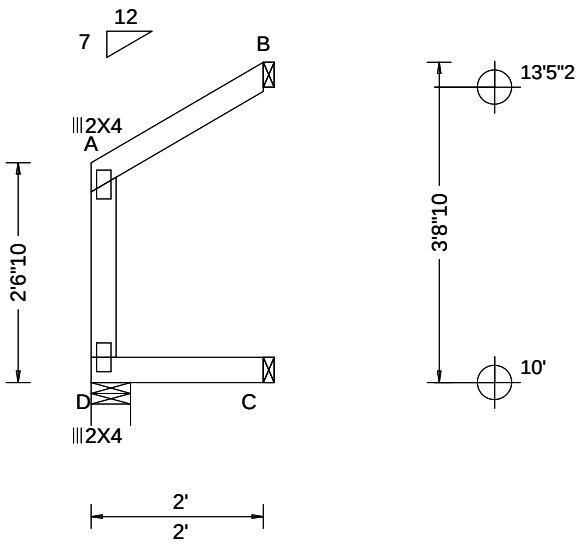
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47472 / EJAC FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 A 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 A 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 A - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 A - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.101
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.040
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.034
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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.

COA #0278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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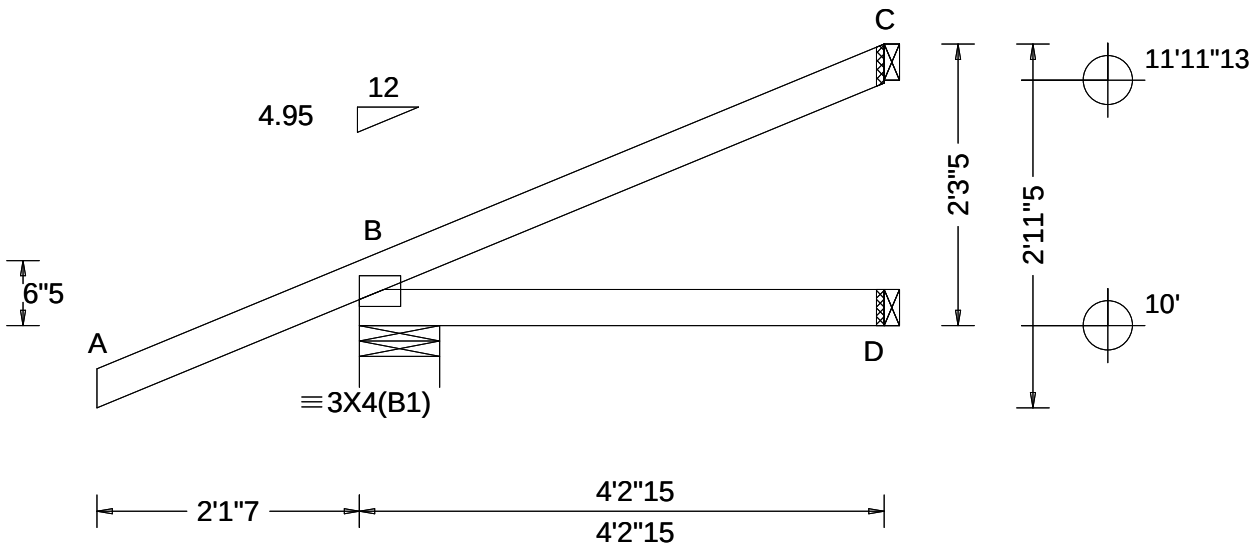
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46171 / HIP_ FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** J15HJ	Cust: R 215 JRef:1Y1S2150010 T46 DrwNo: 205.24.1159.12214 NW / DF 07/23/2024



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.002 B	-	-
HORZ(TL):	0.004 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.414
Max BC CSI: 0.110
Max Web CSI: 0.000

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
B	218 /-	/-	/-	/55	/-
D	16 /-	/-	/15	/-	/-
C	52 /-	/-	/-	/21	/-

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 3-0-0 setback jacks with no webs.

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

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

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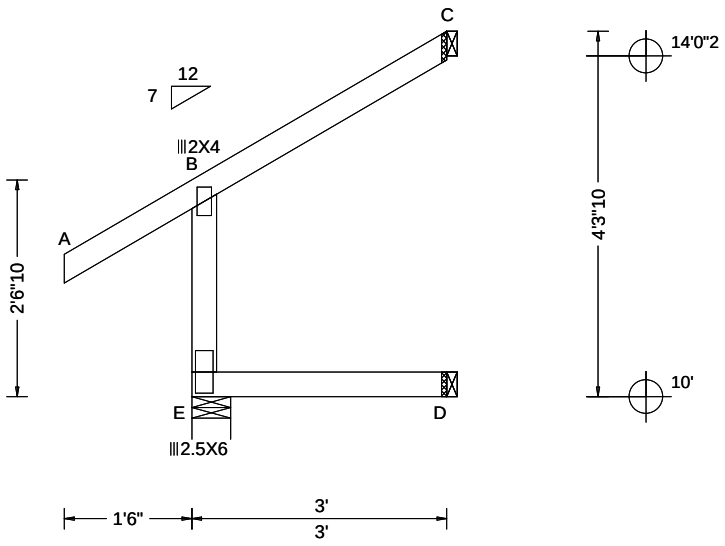
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47280 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	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

▲Maximum Reactions (lbs)

	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#

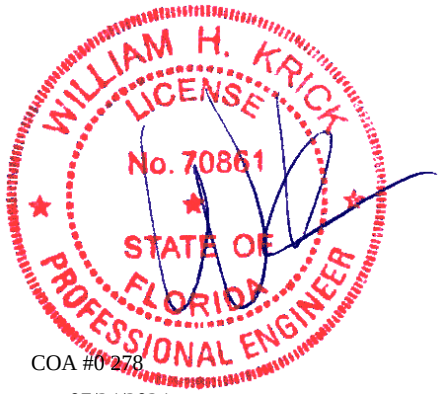
Maximum Web Forces Per Ply (lbs)

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 #0 278
07/24/2024
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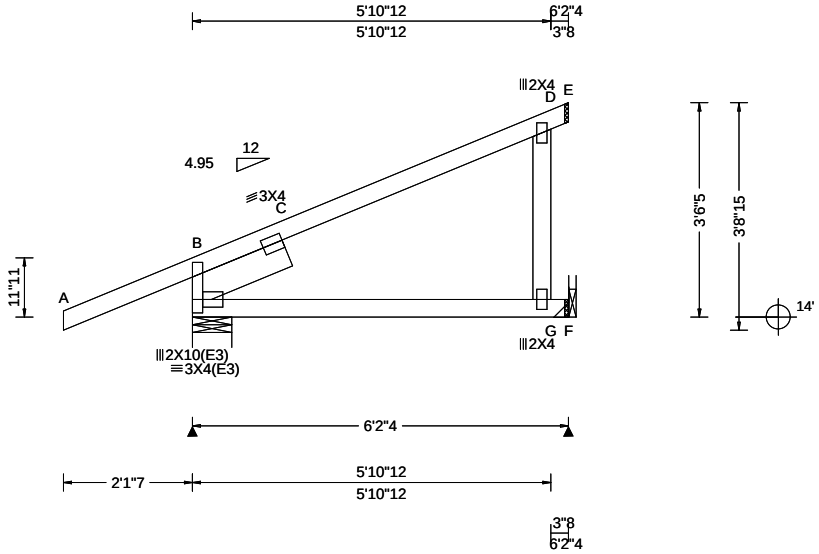
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105863 HIP_ FROM:	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	



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	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

▲Maximum Reactions (lbs)

	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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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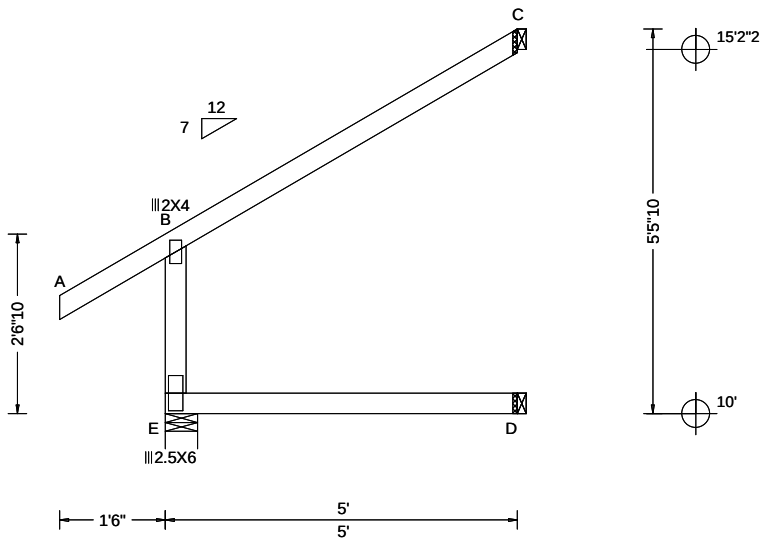
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47282 / JACK FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.481
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.297
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.134
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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;

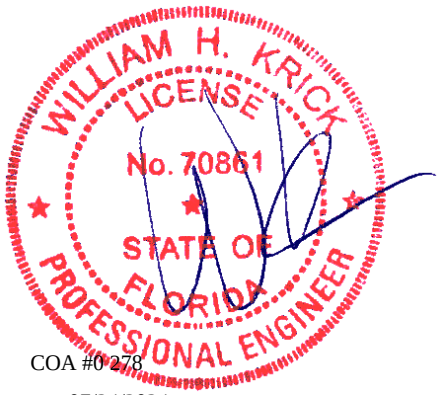
Wind

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.



COA #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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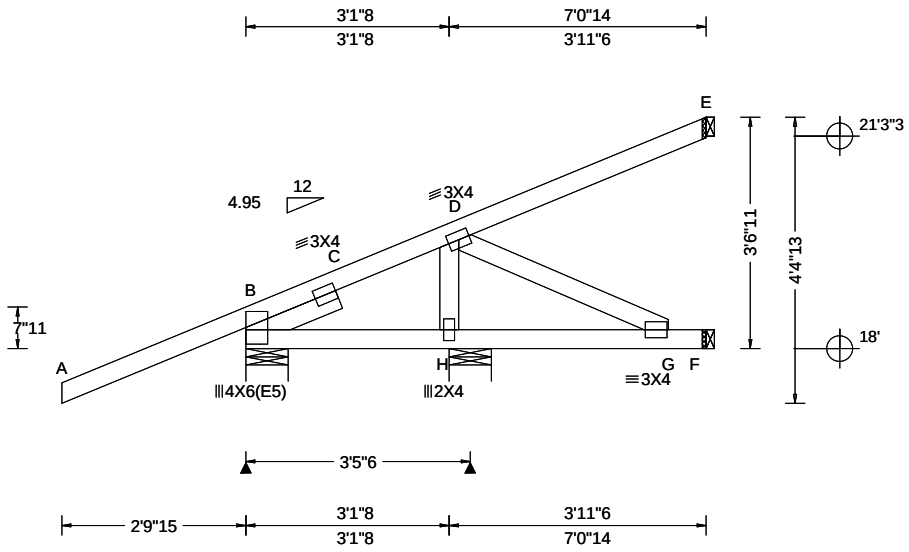
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46531 / HIP_ FROM:	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



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): -0.015	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

▲Maximum Reactions (lbs)

	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.

COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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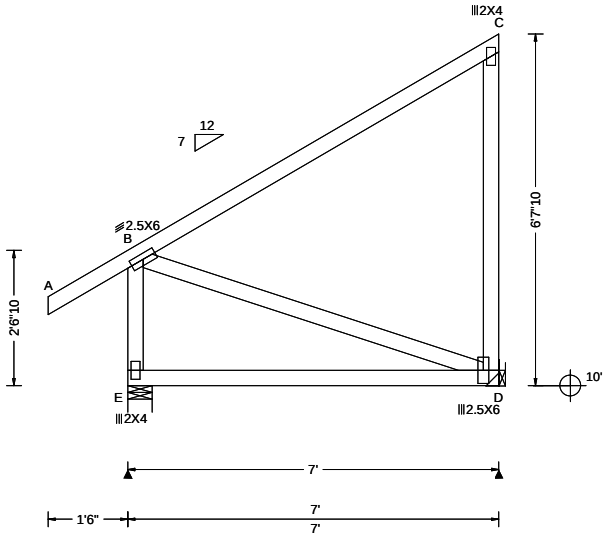
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47669 / EJAC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	C	999	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

▲Maximum Reactions (lbs)

	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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	399	-116

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.

COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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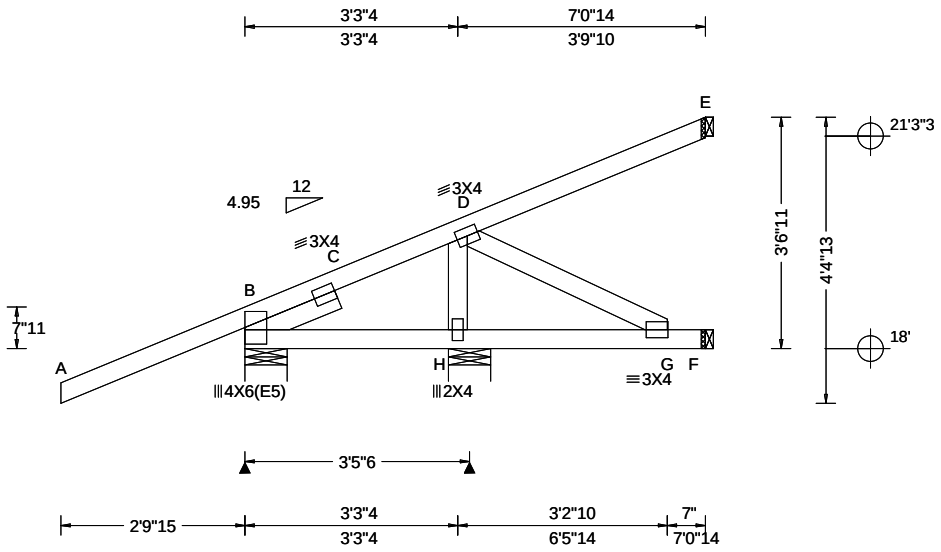
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47798 / HIP_ FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.016 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): -0.032 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.008 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.016 C - -
NCBCLL: 0.00	Mean Height: 19.52 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.337
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.083
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.171
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

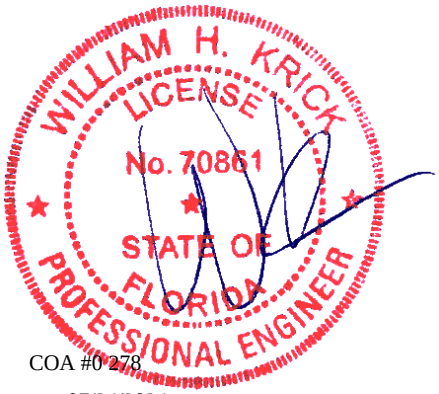
Hipjack supports 5-0-0 setback jacks with no webs.

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

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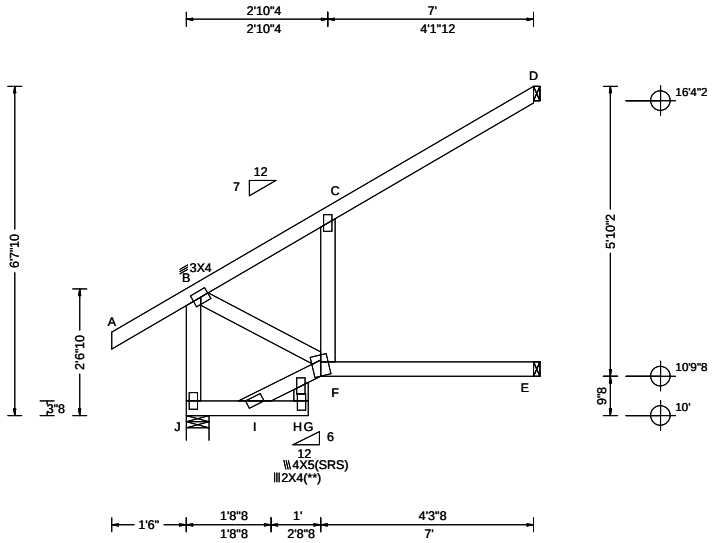
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47609 / EJAC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.131	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

▲Maximum Reactions (lbs)

	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

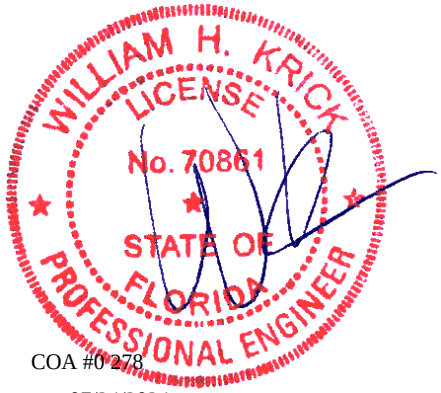
Wind loads based on MWFRS with additional C&C member design.

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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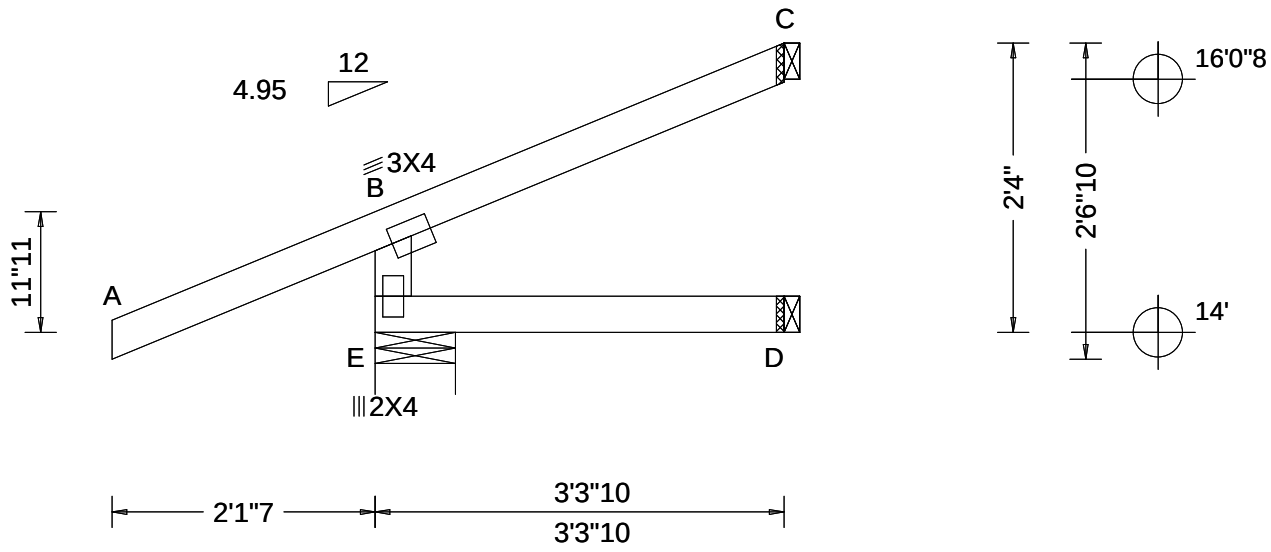
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47619 / HIP_ FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 B - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 B - -
NCBCLL: 0.00	Mean Height: 15.22 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.344
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.026
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI: 0.030
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			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.

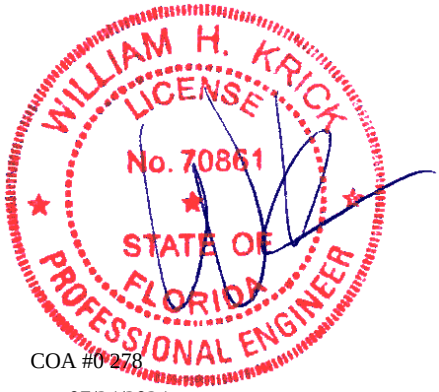
Wind

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.



COA #0 278

07/24/2024

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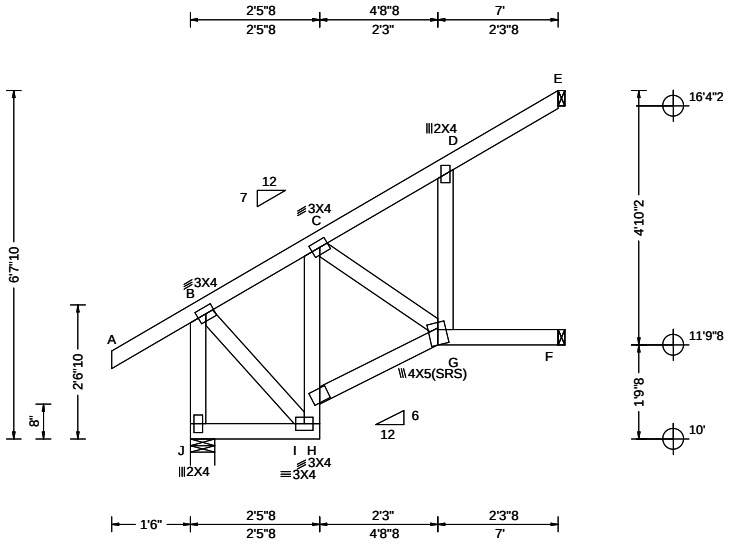
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47292 / EJAC FROM:	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	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.074 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.150 G 560 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.078 D - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.158 D - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.422
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.396
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.514
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / 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.
B - J	144	-389

Lumber

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

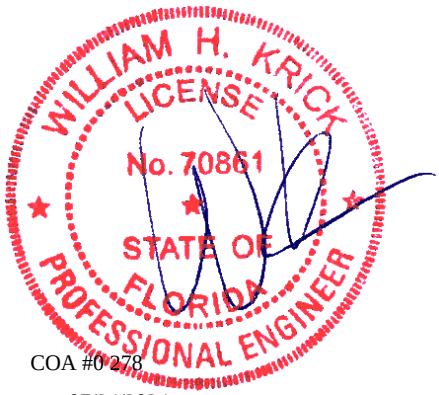
Wind

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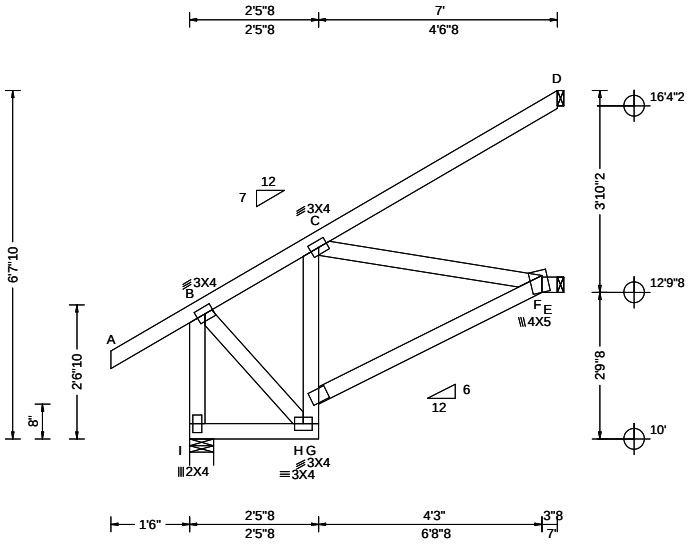
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47294 / EJAC FROM:	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



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.009 C 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.021 F 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.012 C - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.024 C - -
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.311
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.343
Spacing:	24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.542
		C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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.
B - I	143	-390

Lumber

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

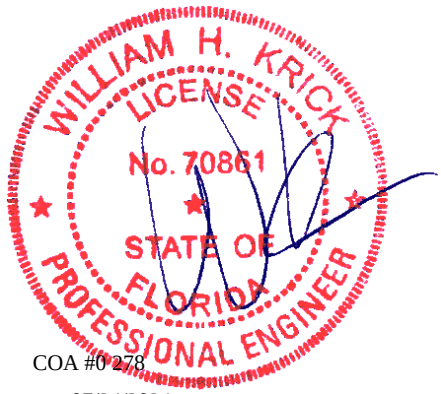
Wind

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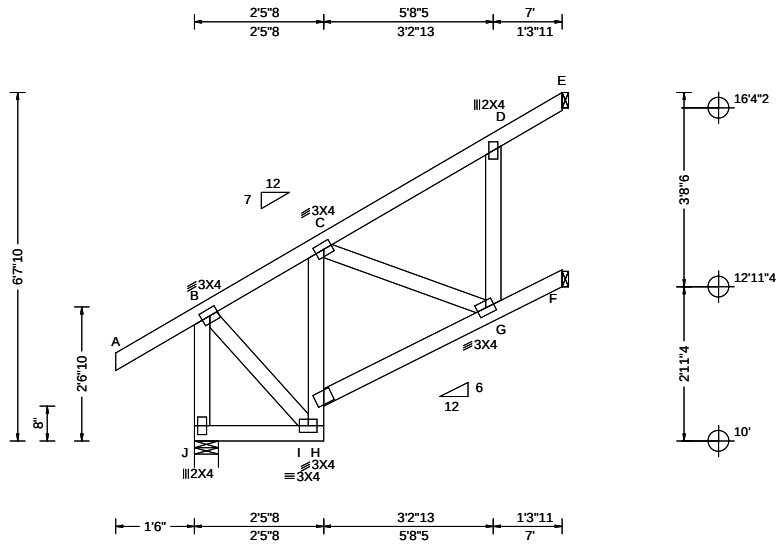
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47800 / EJAC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.030	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

▲Maximum Reactions (lbs)

	Gravity			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.
B - J	143	-390

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.

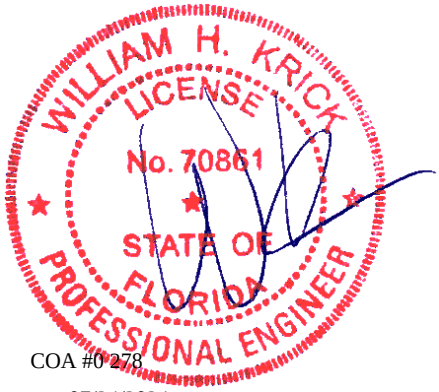
Left end vertical not exposed to wind pressure.

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.



COA #0 278
07/24/2024
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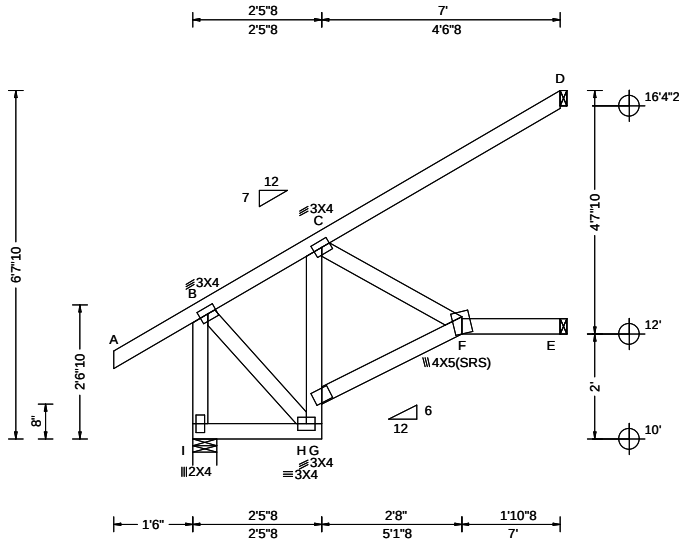
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47298 / EJAC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.090	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

▲Maximum Reactions (lbs)

	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#

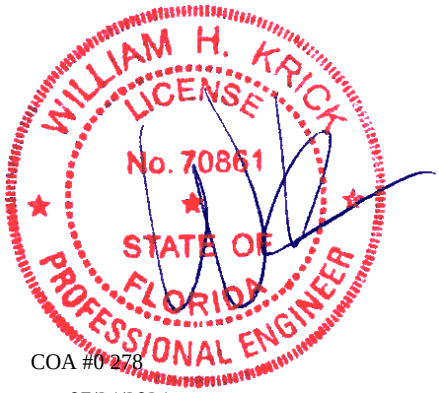
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - I	143	-389

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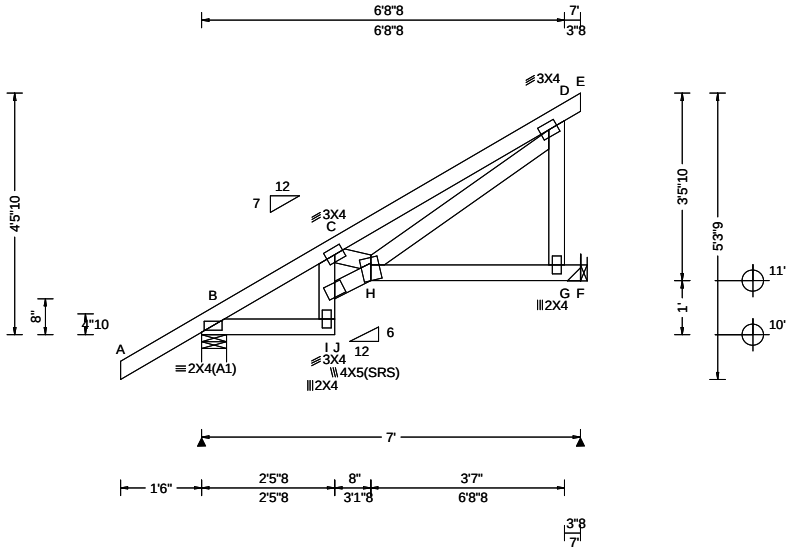
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105855 EJAC FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria				
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in	loc	L/defl	L/#	
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL):	0.027	H	999	240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL):	0.054	H	999	180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL):	0.015	C	-	-
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL):	0.031	C	-	-
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0				
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI:	0.298			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI:	0.201			
Spacing:	24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI:	0.697			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: not in 4.50 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18				
		GCpi: 0.18	WAVE					
		Wind Duration: 1.60						

▲Maximum Reactions (lbs)

	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

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

Lumber

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

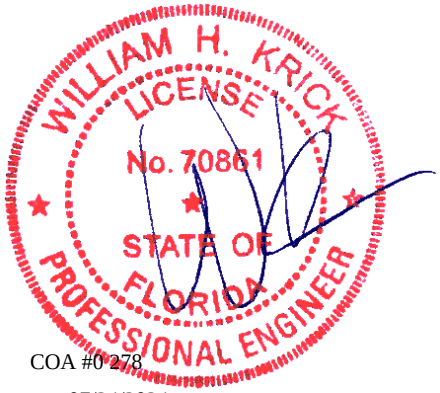
Hangers / Ties

(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

Florida Certificate of Product Approval #FL 1999

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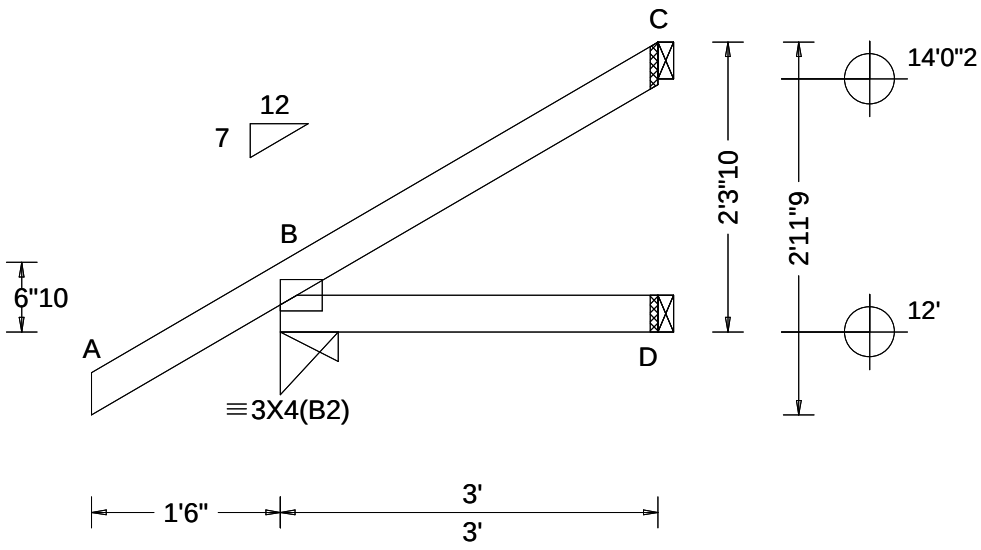
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46293 / JACK FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.259
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.080
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

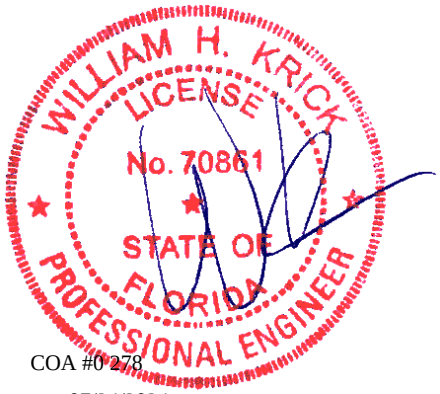
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



COA #0 278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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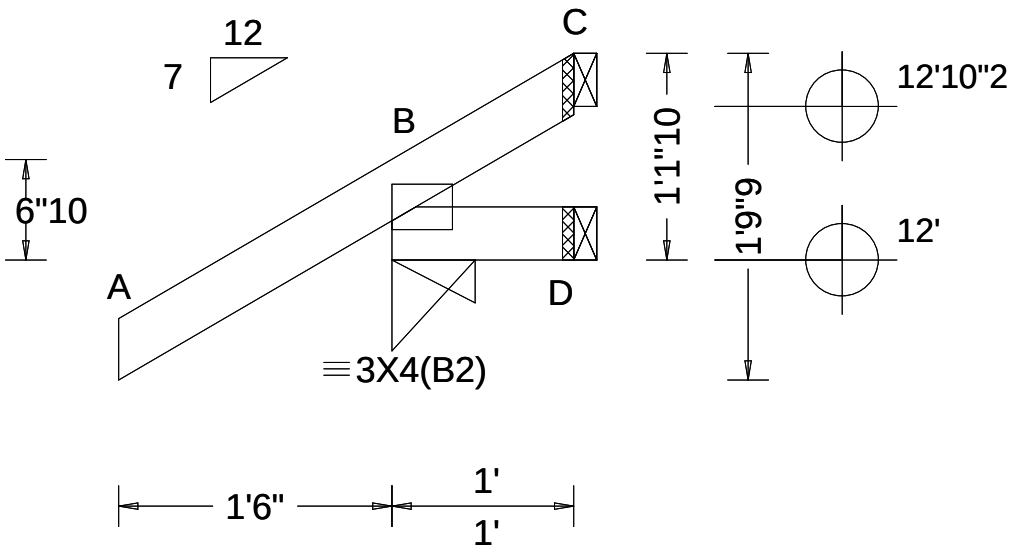
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33585 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.001 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

▲Maximum Reactions (lbs)

	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

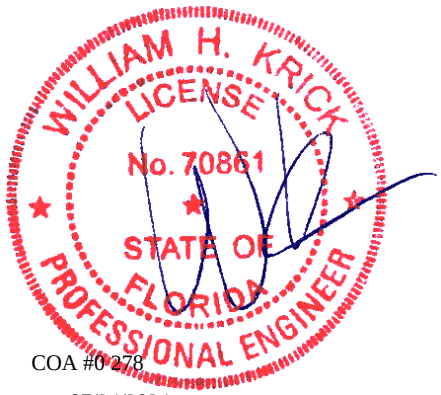
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 #0 278
07/24/2024
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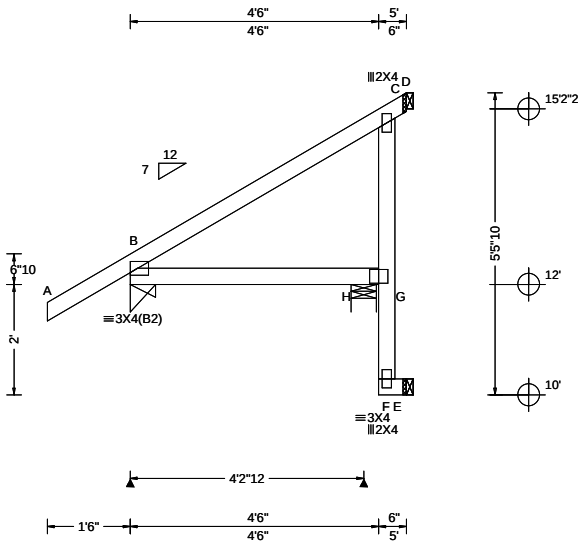
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 47307 / JACK FROM:	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



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.004 C 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.008 C 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.005 C - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 C - -
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.344
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.171
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.183
		C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 4.50 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

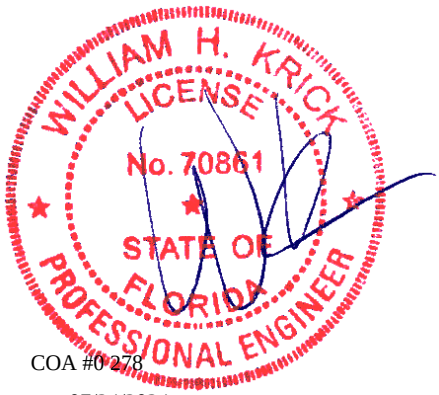
Wind loads based on MWFRS with additional C&C member design.

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.



COA #0278

07/24/2024

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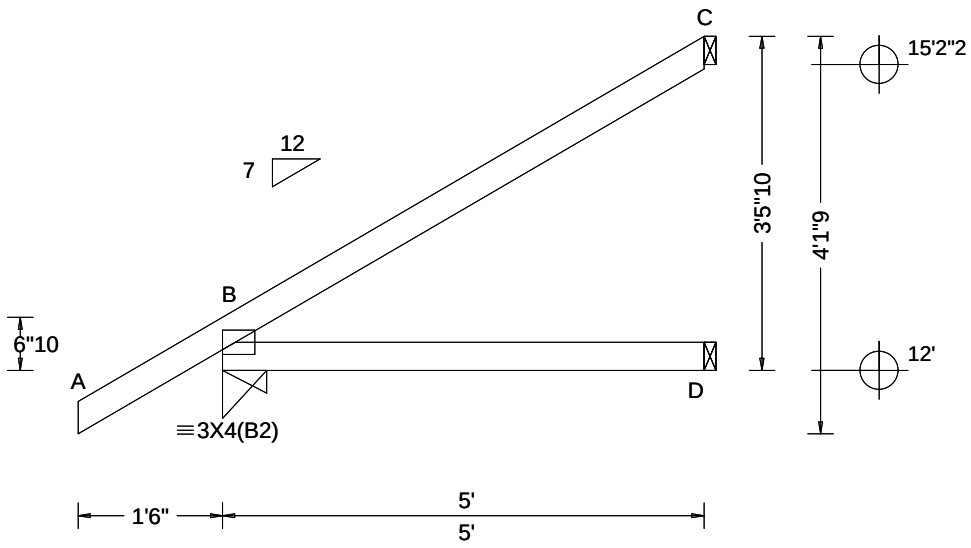
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46404 / EJAC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.003 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

▲Maximum Reactions (lbs)

	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

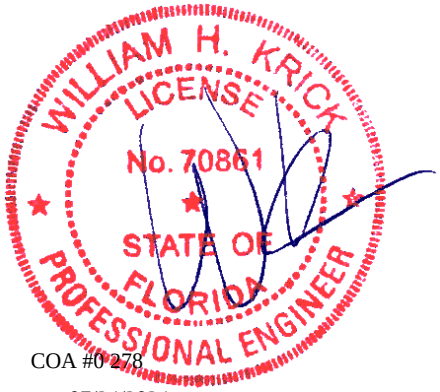
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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.



COA #0278

07/24/2024

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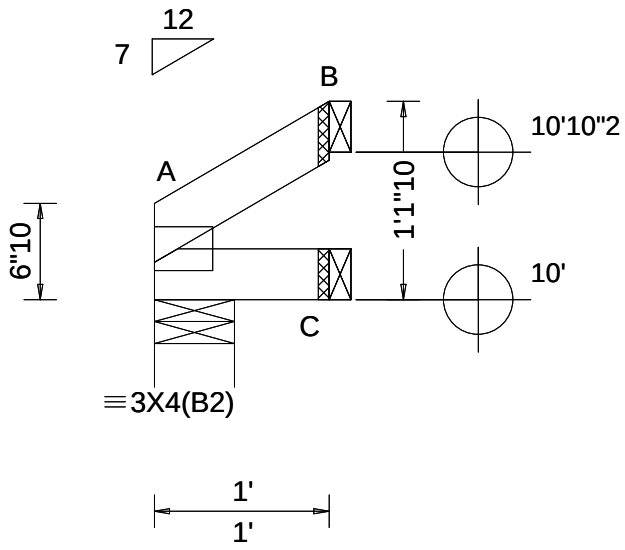
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46459 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.000 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

▲Maximum Reactions (lbs)

	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

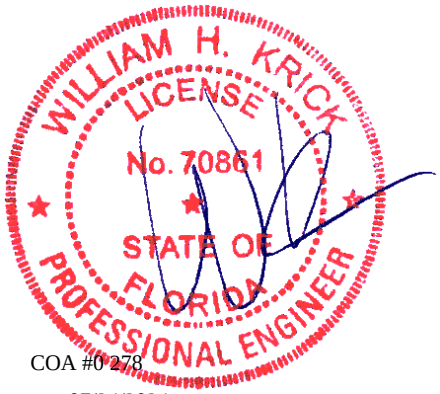
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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

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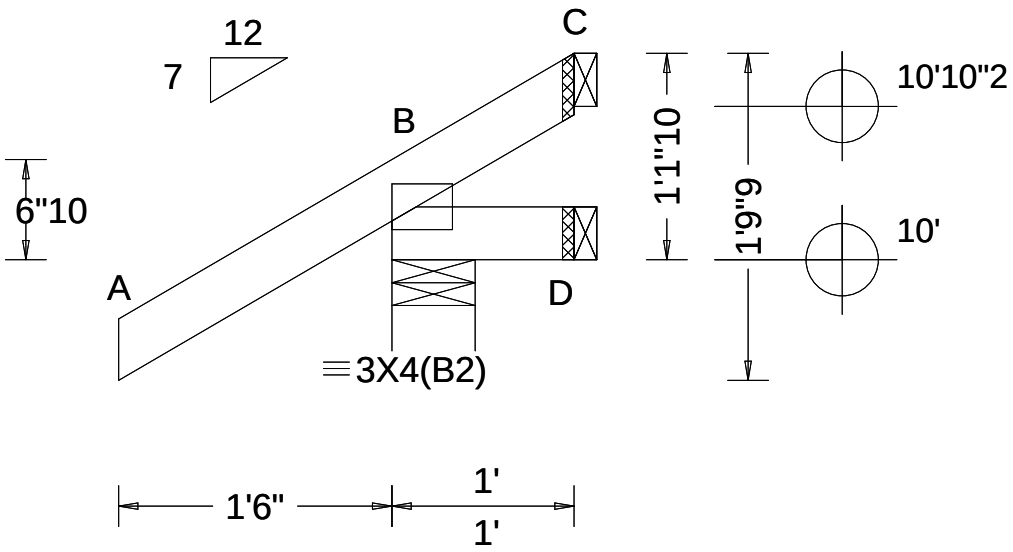
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46461 / JACK FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** J30	Cust: R 215 JRef:1Y1S2150010 T75 / DrwNo: 205.24.1159.10724 NW / DF 07/23/2024



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.000 C	-	-
HORZ(TL):	0.000 C	-	-

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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	45	/-	/-	/26	/-	/19
D	18	/-	/-	/10	/-	/-
C	29	/-	/-	/20	/19	/-

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

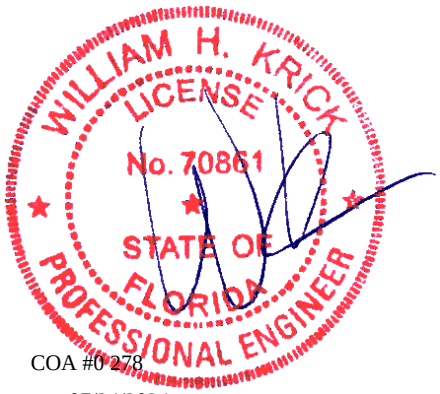
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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

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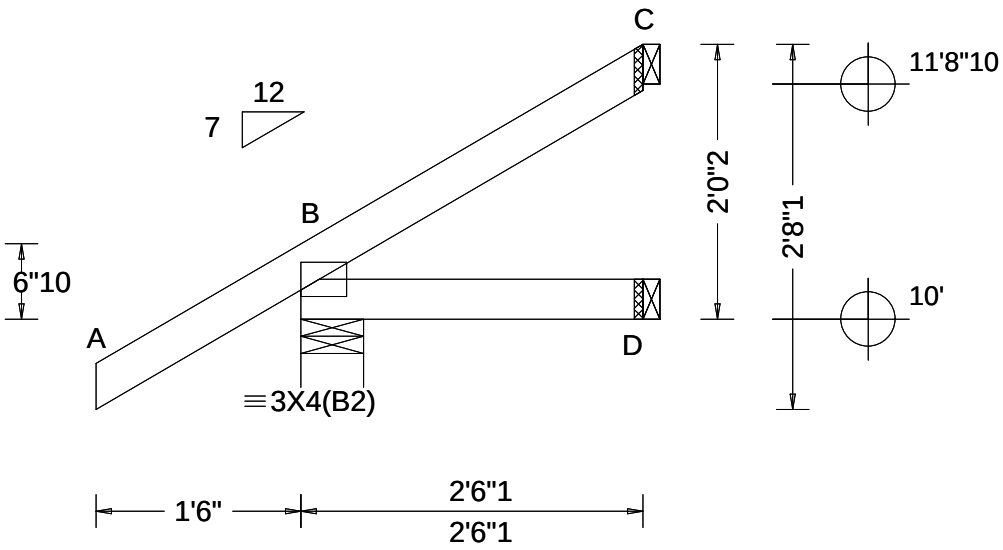
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 45589 / JACK FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.259
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.052
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

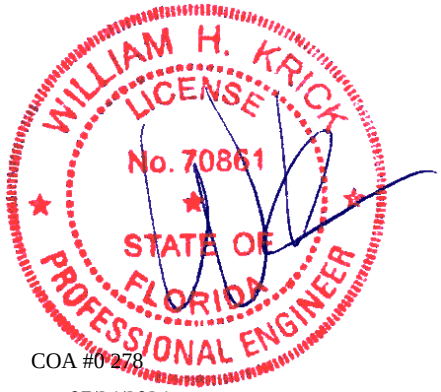
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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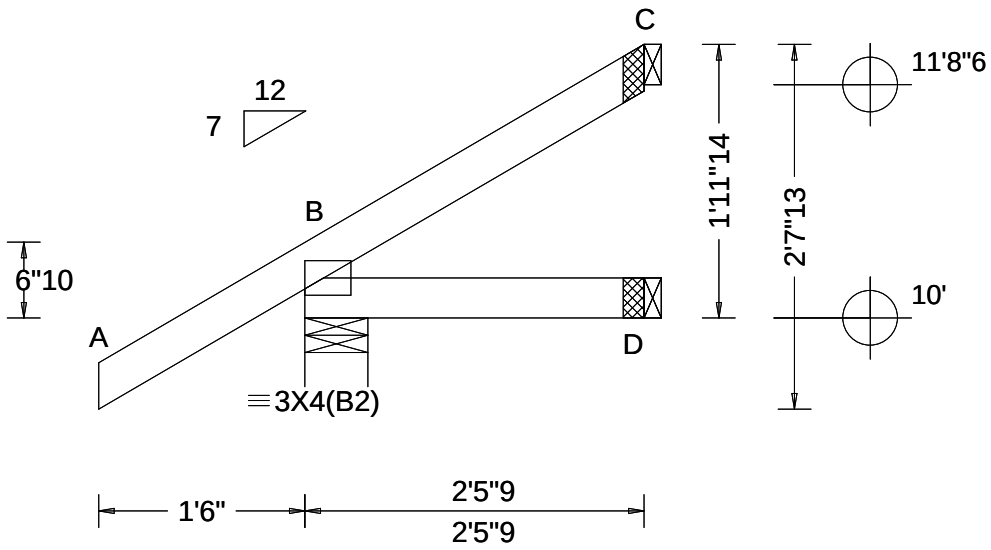
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 45602 / JACK FROM:	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



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.001 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

▲Maximum Reactions (lbs)

	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 #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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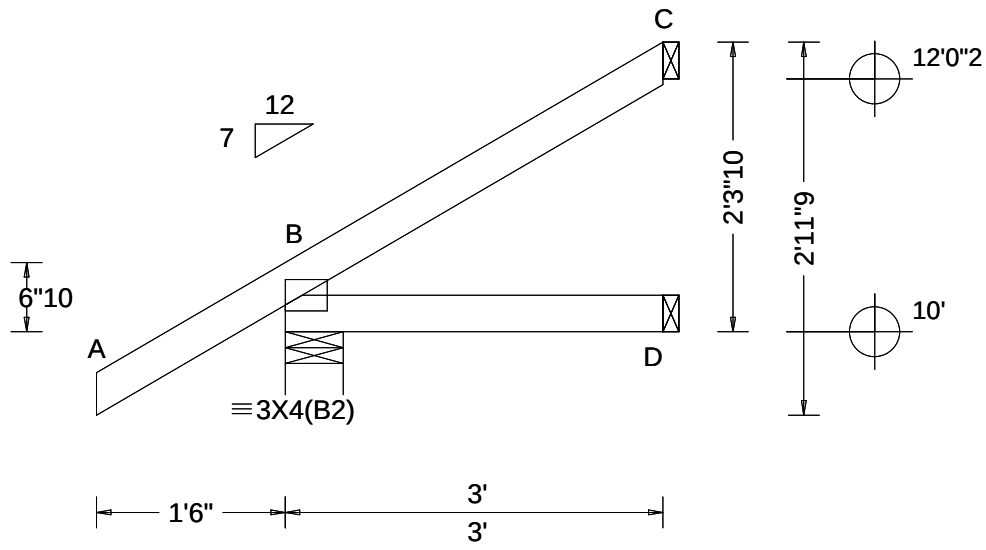
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 45599 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.001 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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	258	/-	/-	/185	/31	/86
D	54	/-	/-	/31	/-	/-
C	68	/-	/-	/41	/45	/-

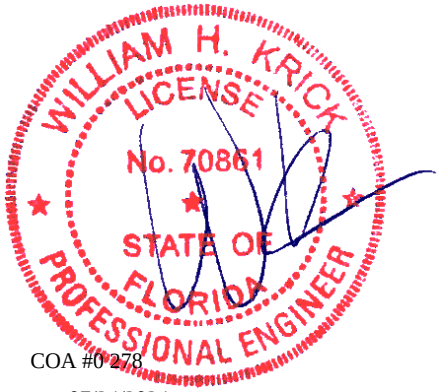
Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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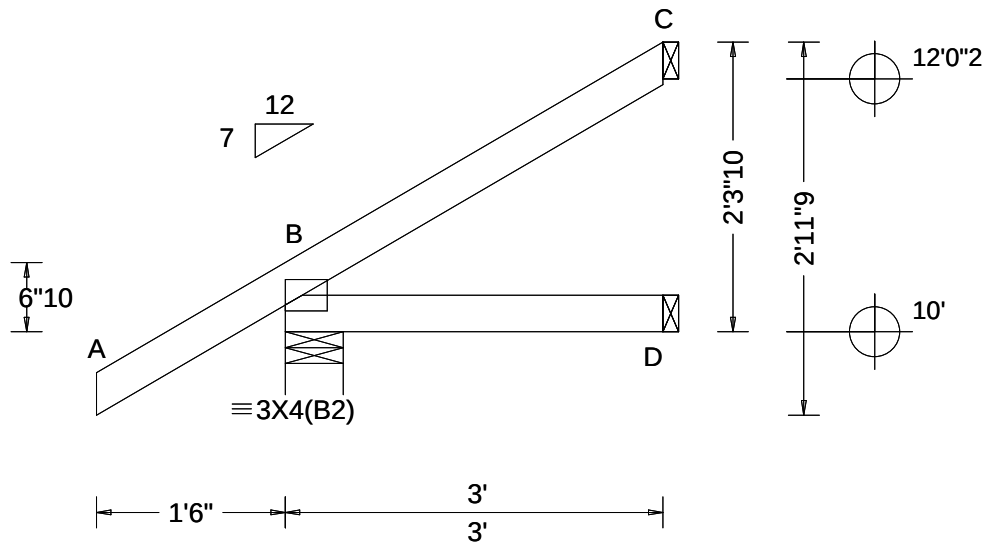
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46169 / EJAC FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.225
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.080
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

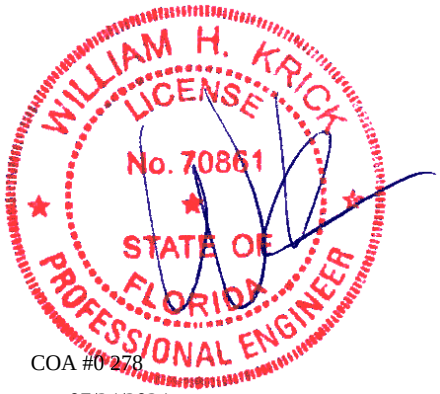
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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

07/24/2024

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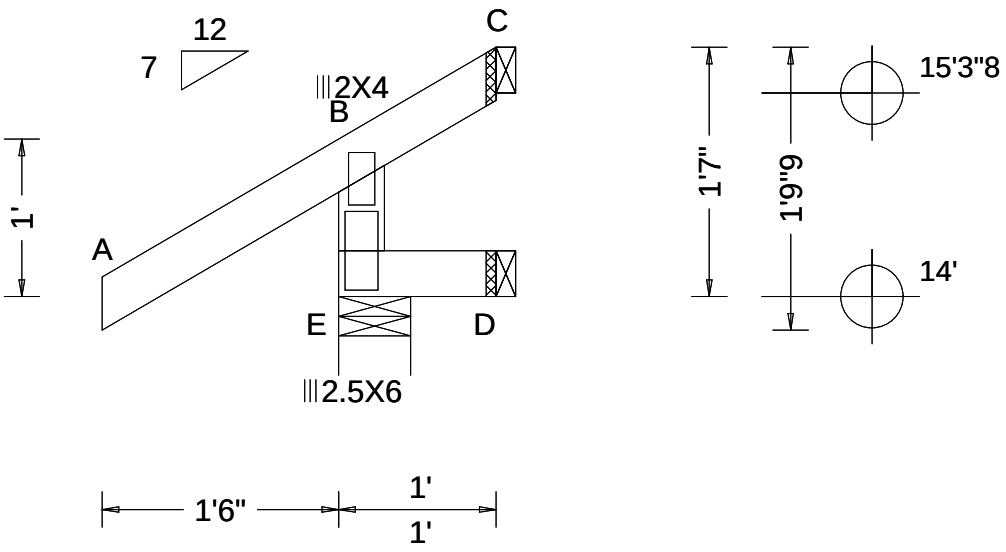
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46729 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	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

▲Maximum Reactions (lbs)

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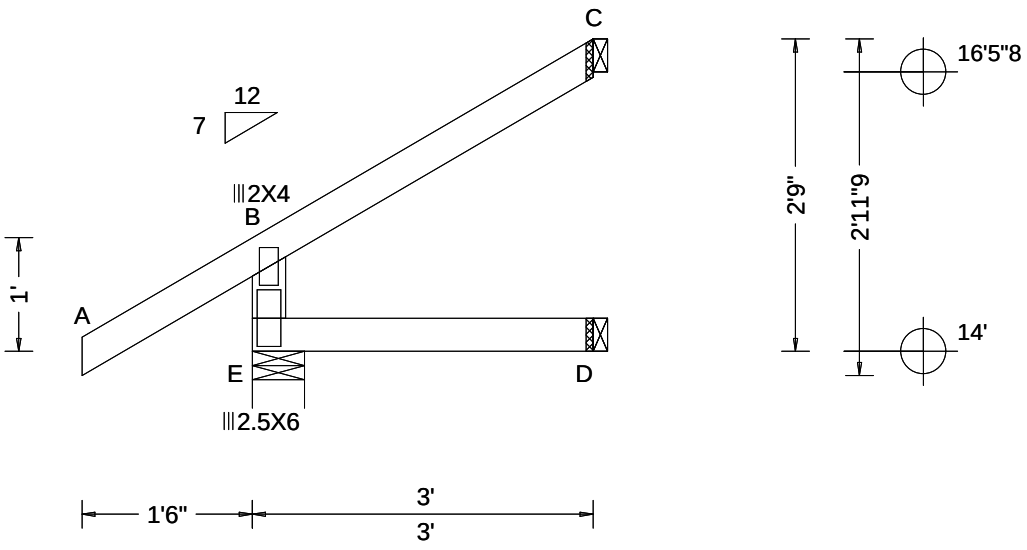
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46727 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	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

▲Maximum Reactions (lbs)

	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#

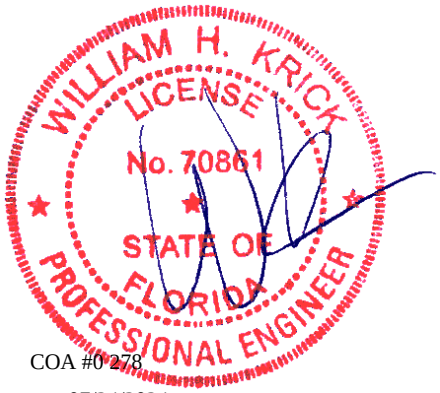
Maximum Web Forces Per Ply (lbs)

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

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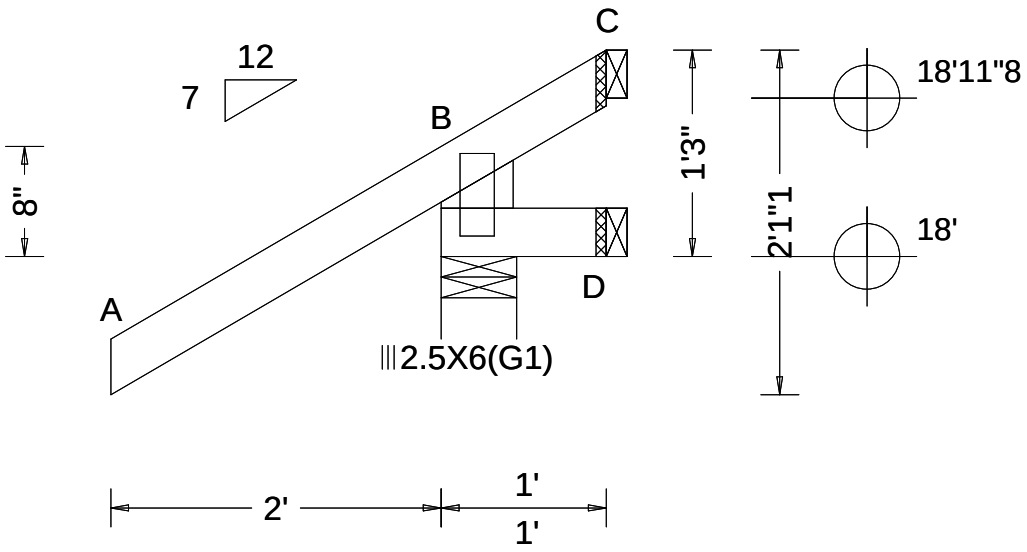
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 45575 / JACK FROM:	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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 C - -
NCBCLL: 10.00	Mean Height: 18.38 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.491
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.134
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

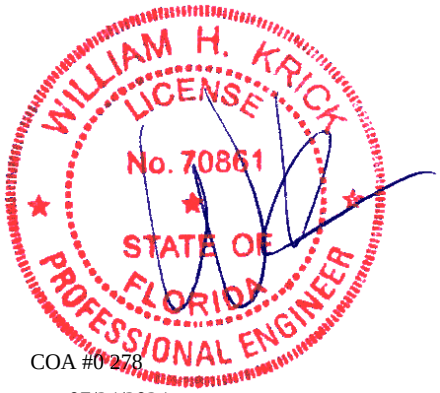
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Stub Wedge: 2x4 SP #3;

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 #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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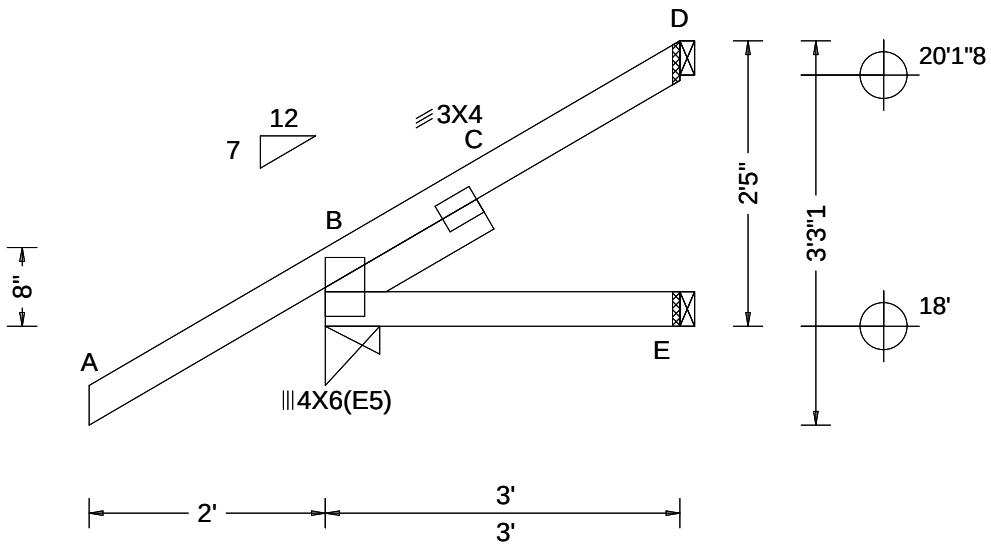
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46519 / JACK FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.005 C - -
NCBCLL: 10.00	Mean Height: 18.96 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.474
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.081
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.066
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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

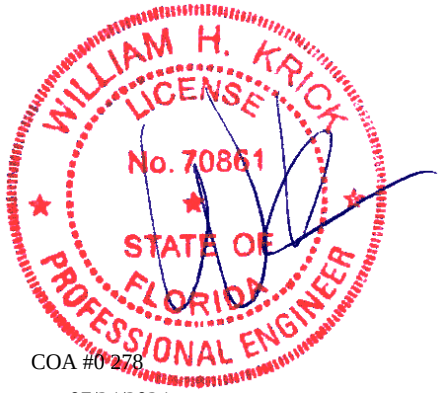
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'

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 #0 278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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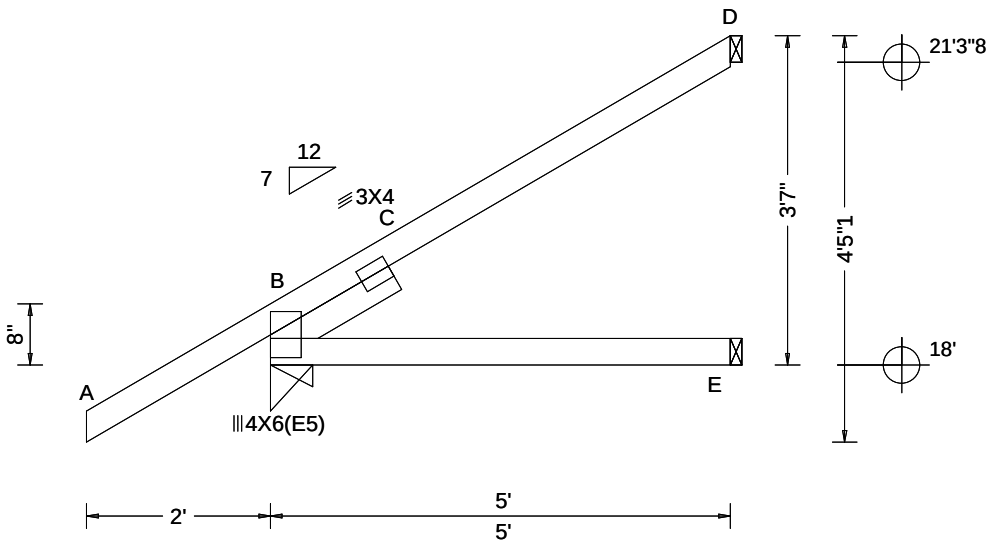
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46521 / EJAC FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.016 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.031 C - -
NCBCLL: 10.00	Mean Height: 19.54 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.509
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.259
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.282
	C&C Dist a: 3.00 ft ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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.
B - C	540	-705

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 #0 278

07/24/2024

Florida Certificate of Product Approval #FL 1999

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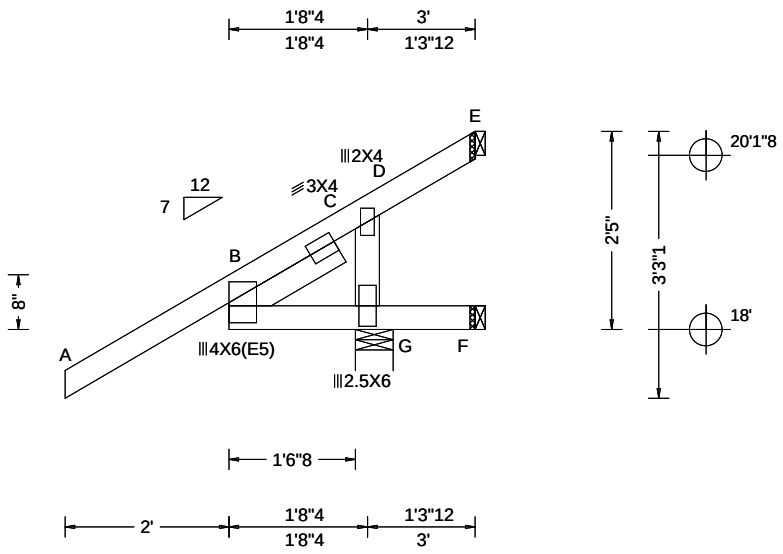
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46527 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.071	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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.

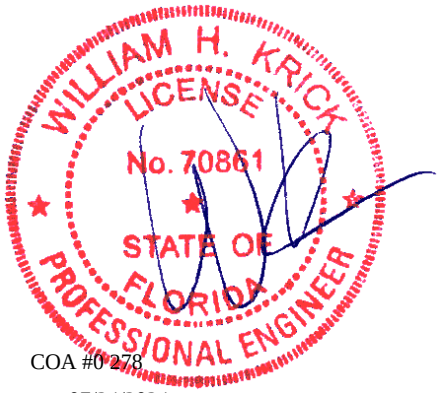
Left cantilever is exposed to wind

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

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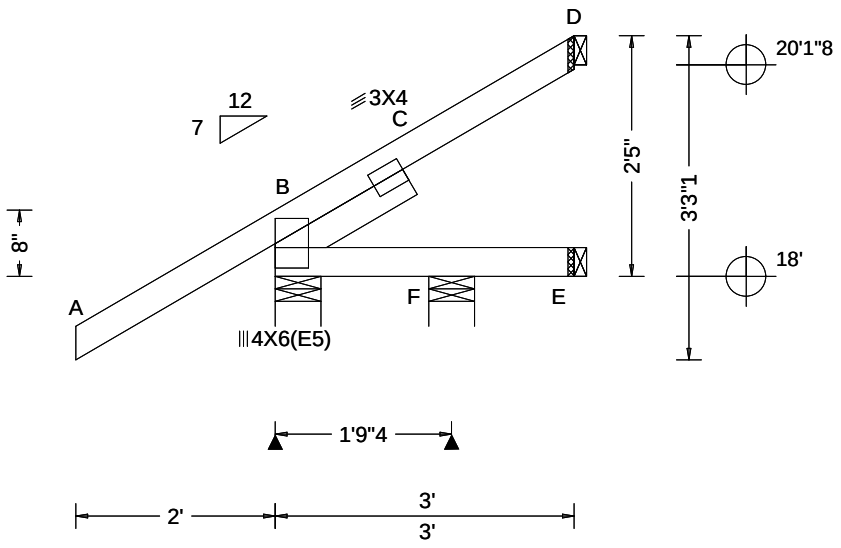
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 46529 / JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.003 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

▲Maximum Reactions (lbs)

	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 #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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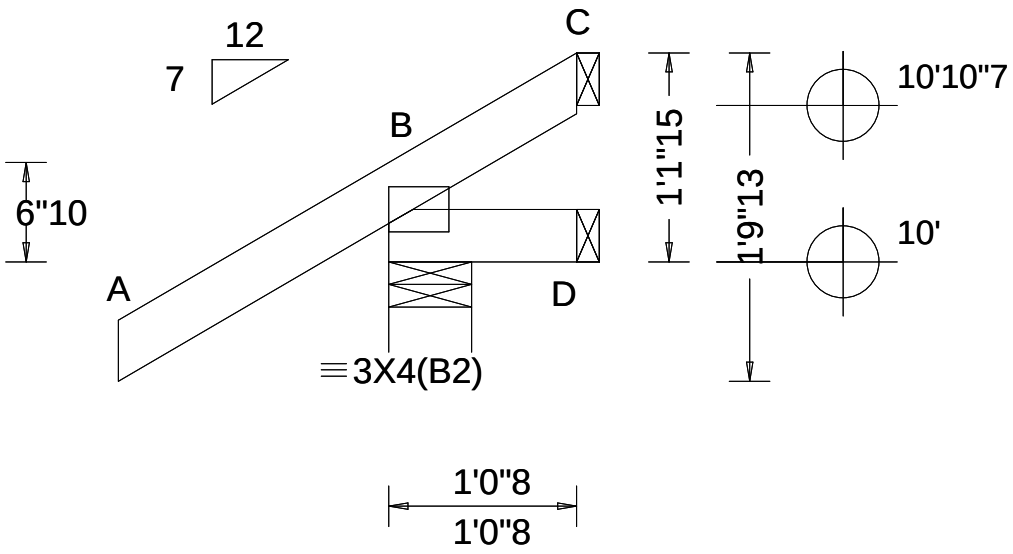
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 104717 JACK FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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
07/24/2024
Florida Certificate of Product Approval #FL 1999

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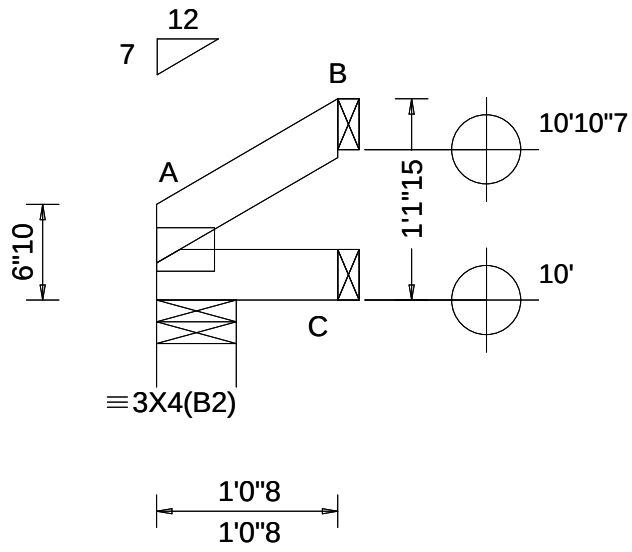
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 104715 JACK FROM:	Ply: 1 Qty: 1	**Job Number:** 24-1284 Logan Jack **Truss Label:** J43	Cust: R 215 JRef:1Y1S2150010 T21 DrwNo: 205.24.1509.41030 AK / WHK 07/23/2024



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	-0.000 B	-	-
HORZ(TL):	0.000 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.021
Max BC CSI: 0.009
Max Web CSI: 0.000

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	46	/-	/-	/27	/-	/20
C	19	/-	/-	/10	/-	/-
B	30	/-	/-	/21	/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#

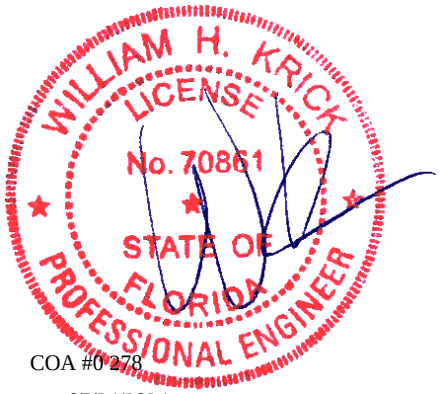
Lumber

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.



COA #0 278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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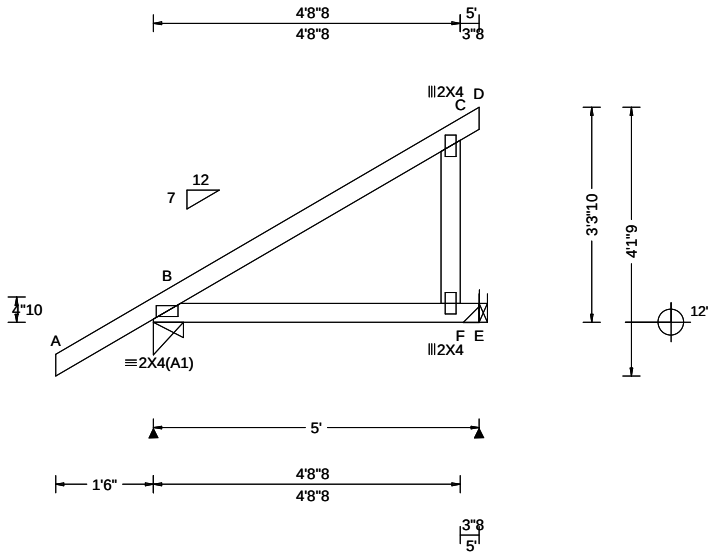
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105847 EJAC FROM:	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	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 C - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.010 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.296
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.232
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.148
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	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;

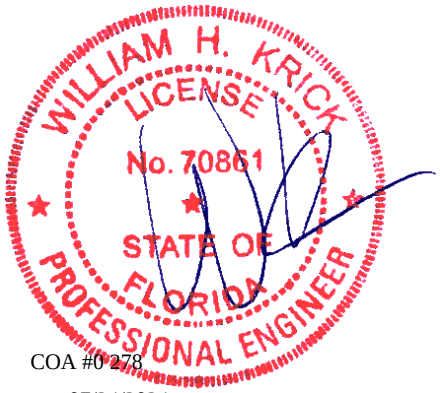
Hangers / Ties

(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

Florida Certificate of Product Approval #FL 1999

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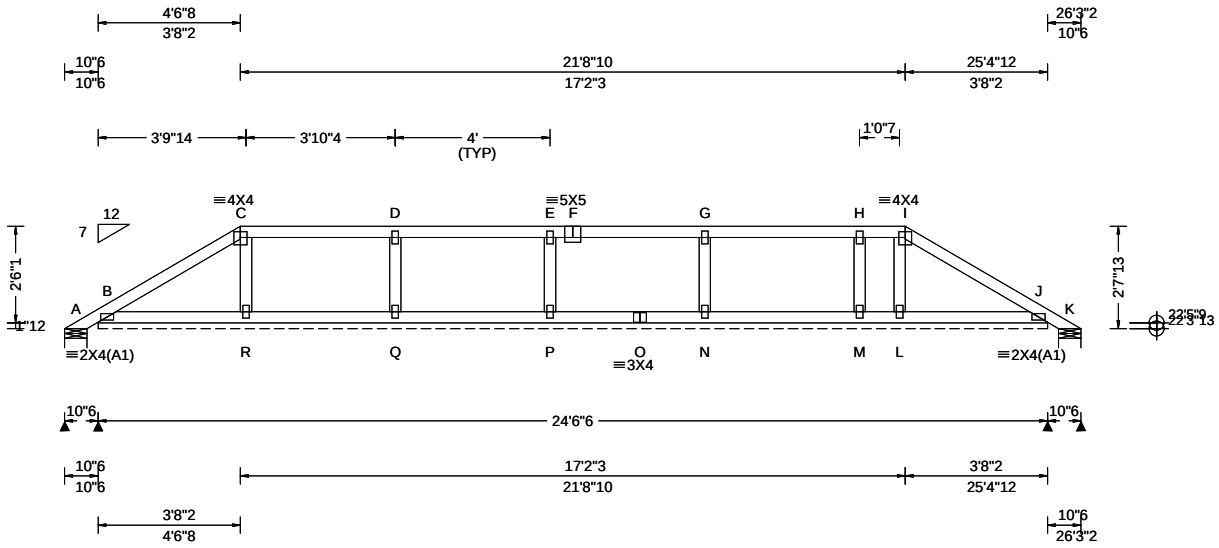
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 34063 COMN FROM:	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



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 J - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 J - -
NCBCLL: 10.00	Mean Height: 19.98 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.203
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.061
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.071
	C&C Dist a: 5.02 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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.

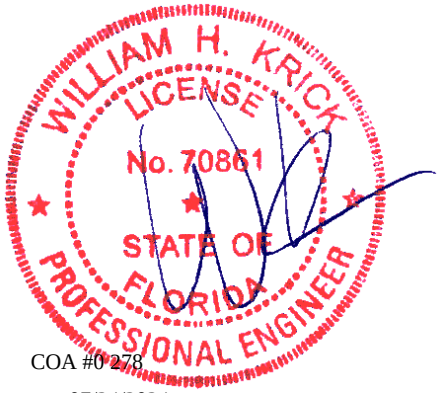
Wind

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 #0278

07/24/2024

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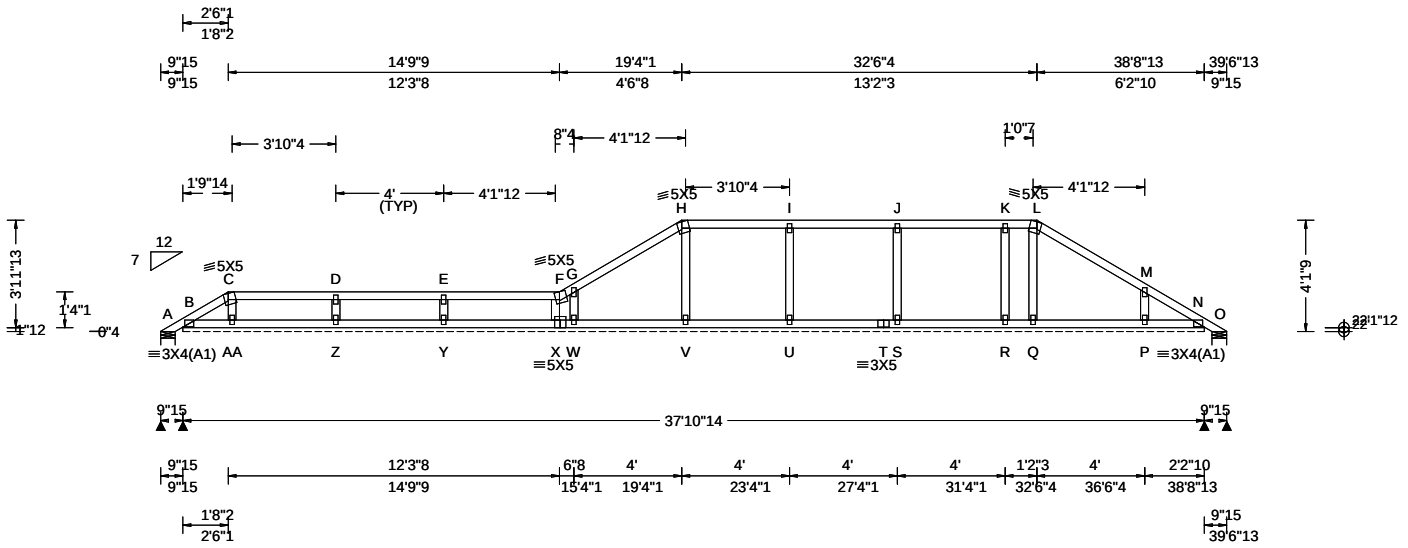
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34025 COMN FROM:	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	



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	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

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
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				

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 454 Min Req = -
O Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & O are a rigid surface.
Members not listed have forces less than 375#

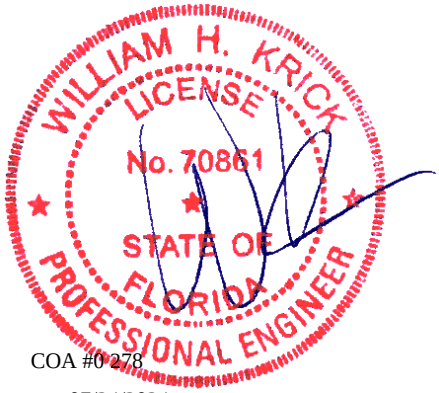
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Plating Notes
All plates are 2X4 except as noted.

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
Florida Certificate of Product Approval #FL 1999

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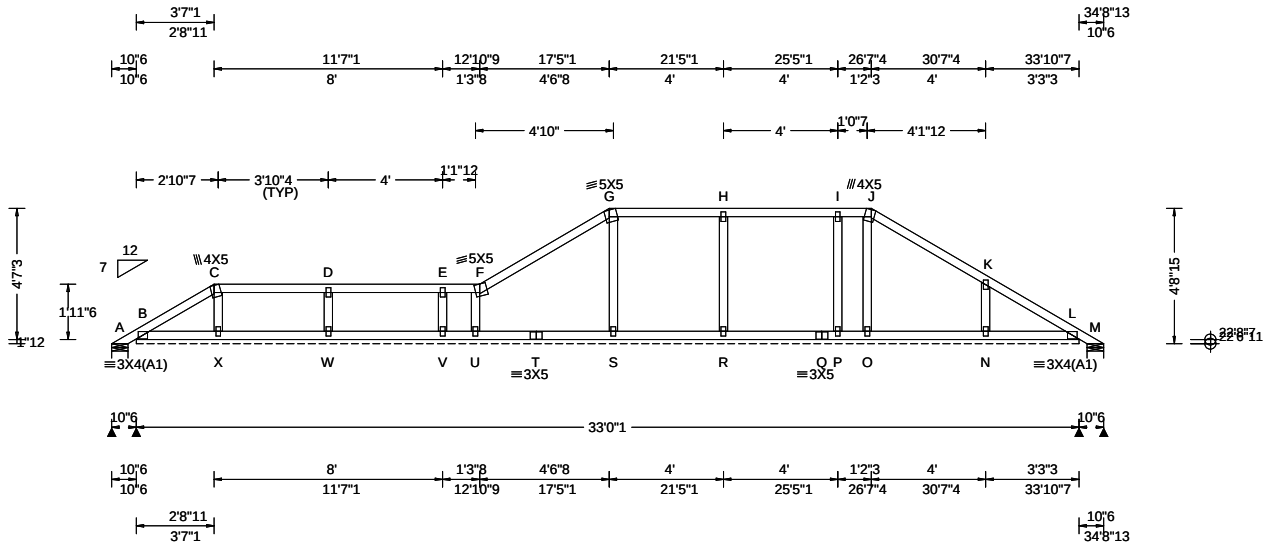
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34030 COMN FROM:	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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 K - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 K - -
NCBCLL: 10.00	Mean Height: 23.92 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.285
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.050
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.112
	C&C Dist a: 4.03 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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.

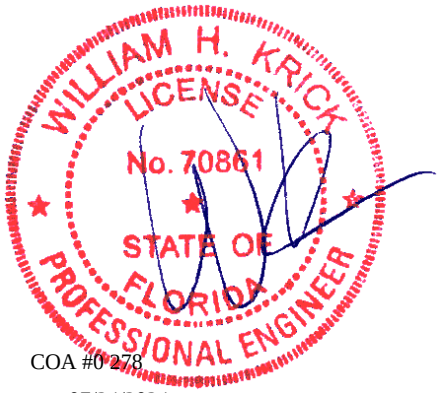
Wind

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 #0 278

07/24/2024

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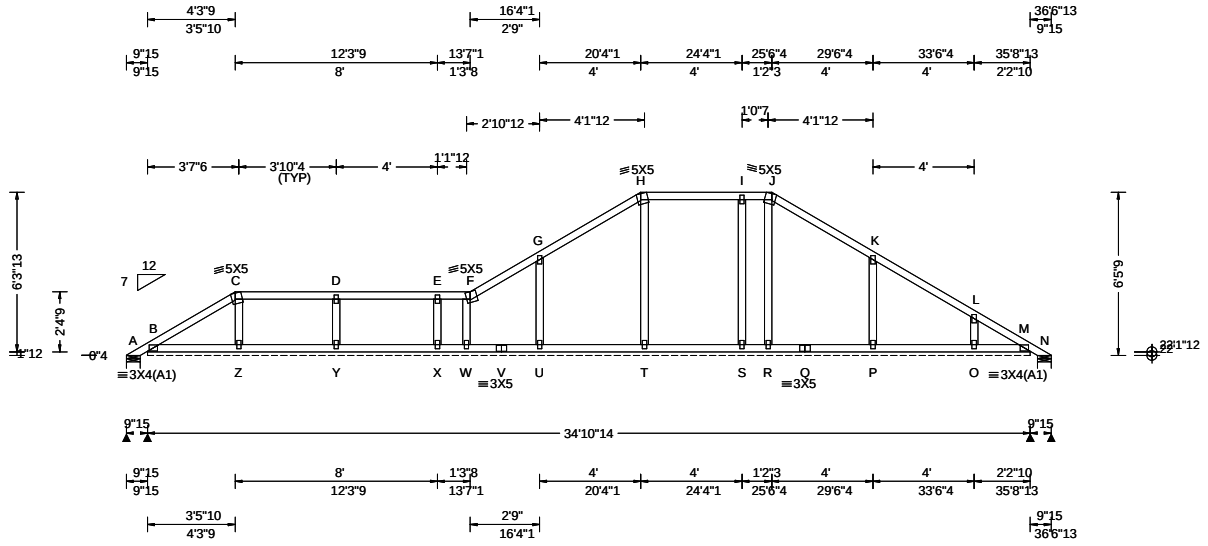
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34037 COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	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

▲Maximum Reactions (lbs), or *=PLF

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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				

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 418 Min Req = -
N Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & N are a rigid surface.
Members not listed have forces less than 375#

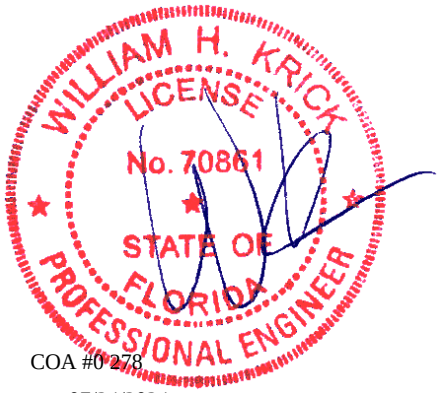
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



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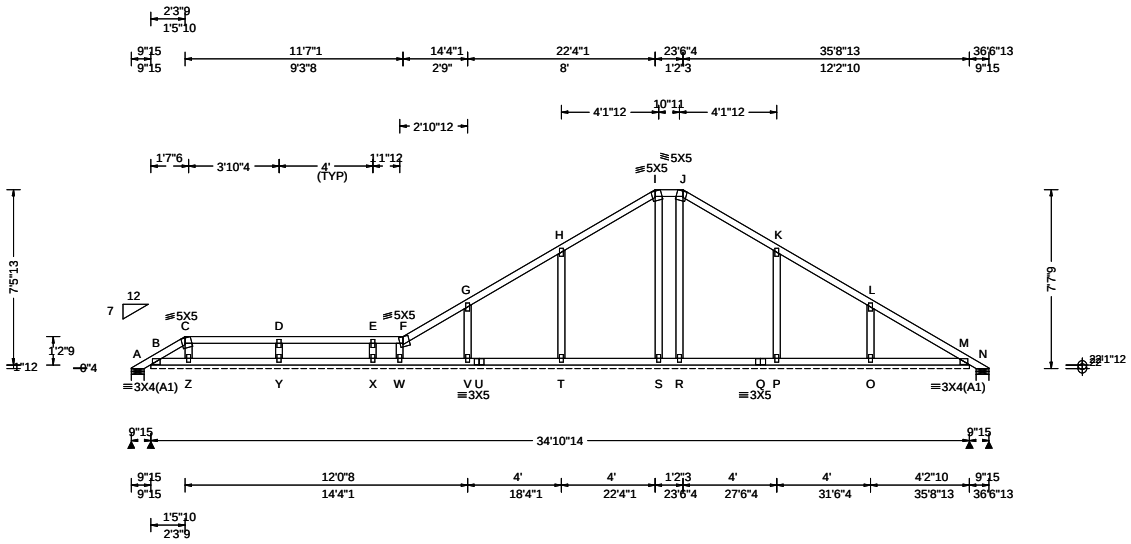
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34013 COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	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

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	18	/-	/-	/119	/106	/215
B*	70	/-	/-	/47	/12	/-
N	-	/-49	/-	/28	/47	/-
Z		/-123				
Y		/-242				
X		/-155				
V		/-171				
T		/-212				
P		/-204				
O		/-171				
M		/-133				

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 418 Min Req = -
N Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & N are a rigid surface.
Members not listed have forces less than 375#

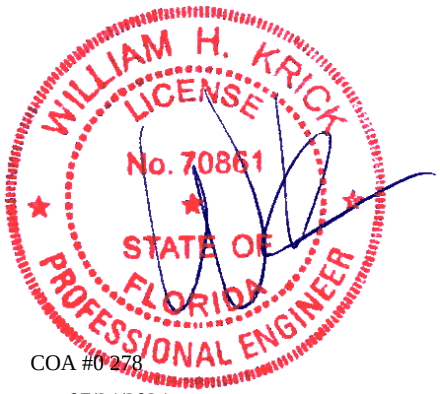
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



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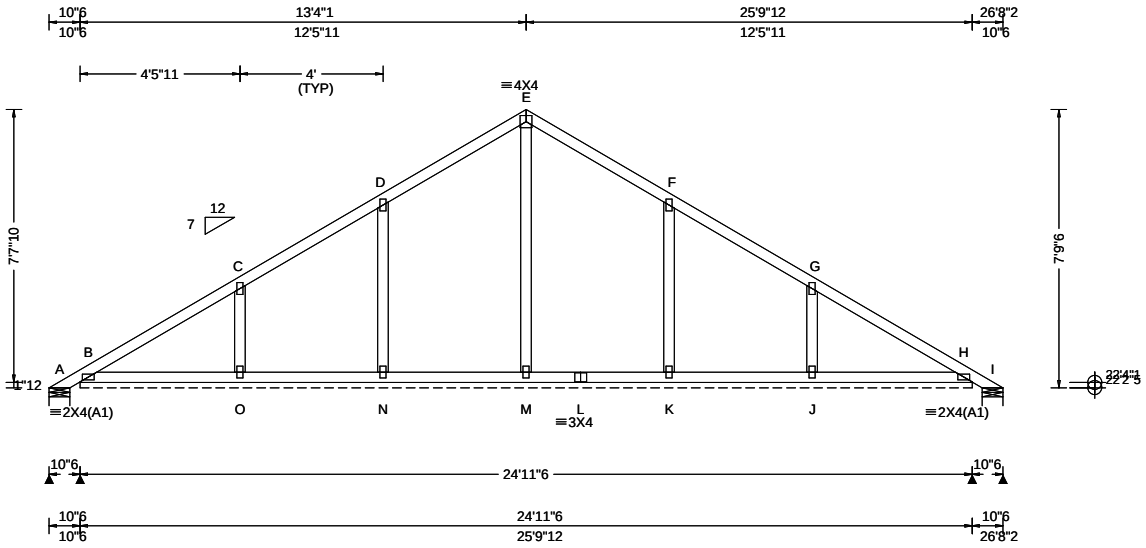
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34009 COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	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

▲Maximum Reactions (lbs), or *=PLF

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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.

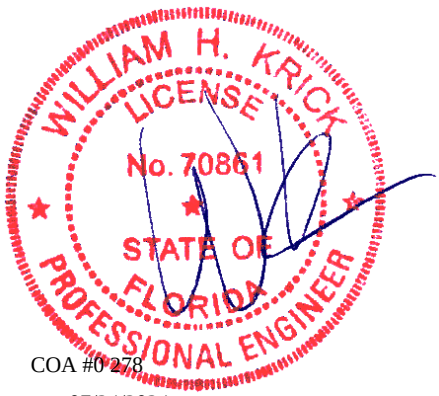
Wind

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 #0278
07/24/2024
Florida Certificate of Product Approval #FL 1999

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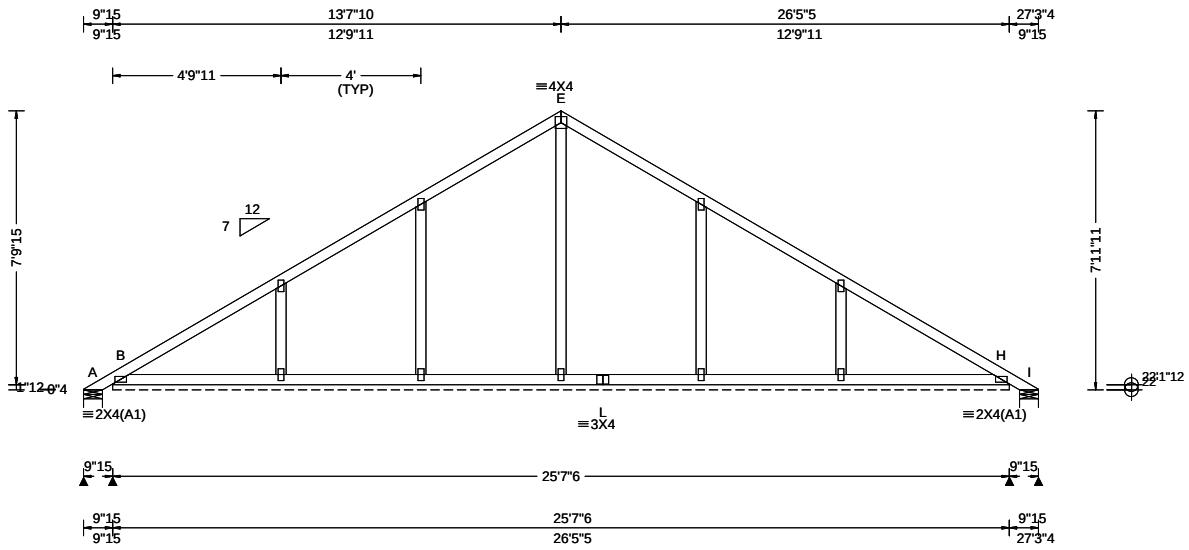
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33993 COMN FROM:	Ply: 1 Qty: 3	**Job Number:** 24-1284 Logan Jack **Truss Label:** PB07	Cust: R 215 JRef:1Y1S2150010 T159 DrwNo: 205.24.1509.55440 AK / WHK 07/23/2024



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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: 4.78 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	B	999	240
VERT(CL): 0.003	B	999	180
HORZ(LL): 0.004	F	-	-
HORZ(TL): 0.005	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.205
Max BC CSI: 0.089
Max Web CSI: 0.178

VIEW Ver: 23.02.01A.1204.18

▲Maximum Reactions (lbs), or *=PLF

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-80	/-	/151	/188	/223
B*	76	/-	/-	/54	/12	/-
I	-	/-80	/-	/41	/77	/-
B		/-105				

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 307 Min Req = -
I Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & I are a rigid surface.
Members not listed have forces less than 375#

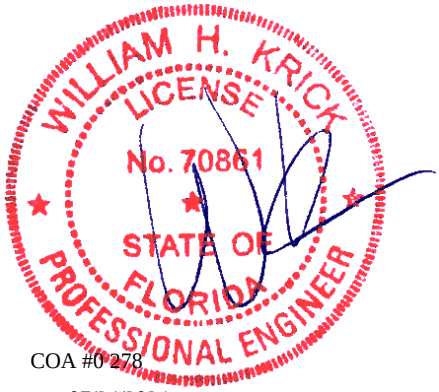
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Plating Notes
All plates are 2X4 except as noted.

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

Wind
Wind loads based on MWFRS with additional C&C member design.
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
Florida Certificate of Product Approval #FL 1999

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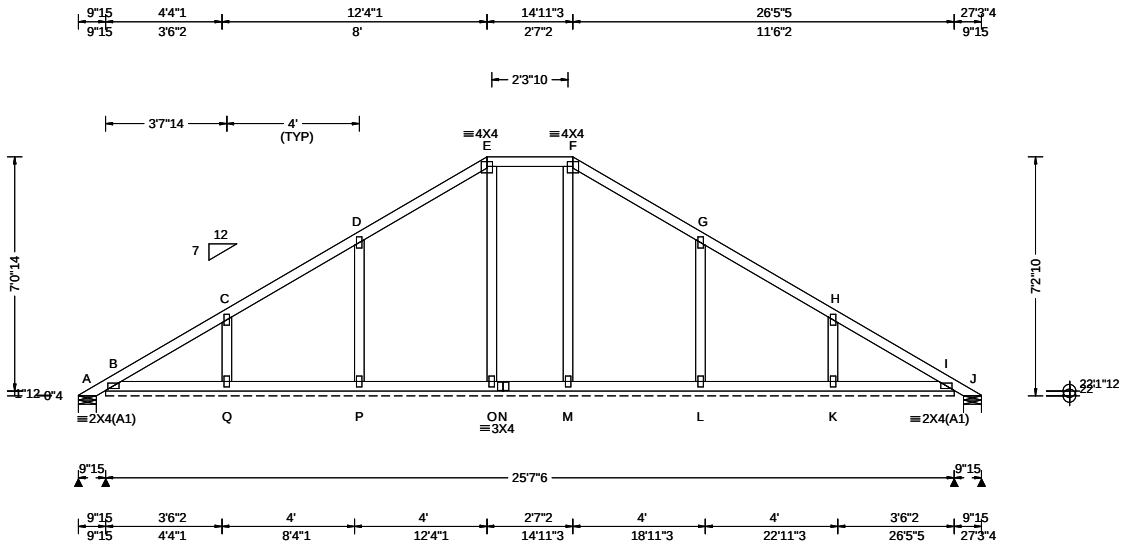
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33998 COMN FROM:	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	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 D 999 240
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 D 999 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 G - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 G - -
NCBCLL:	10.00	Mean Height: 21.67 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.198
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.064
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.147
		C&C Dist a: 4.78 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 13.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
		Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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.

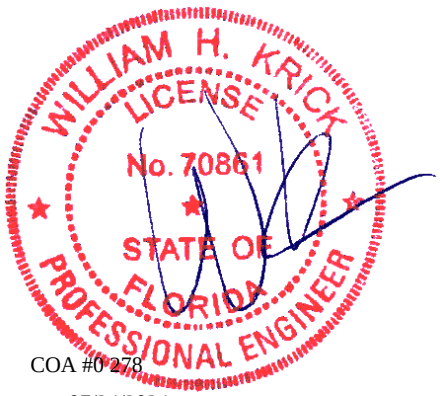
Wind

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 #0278

07/24/2024

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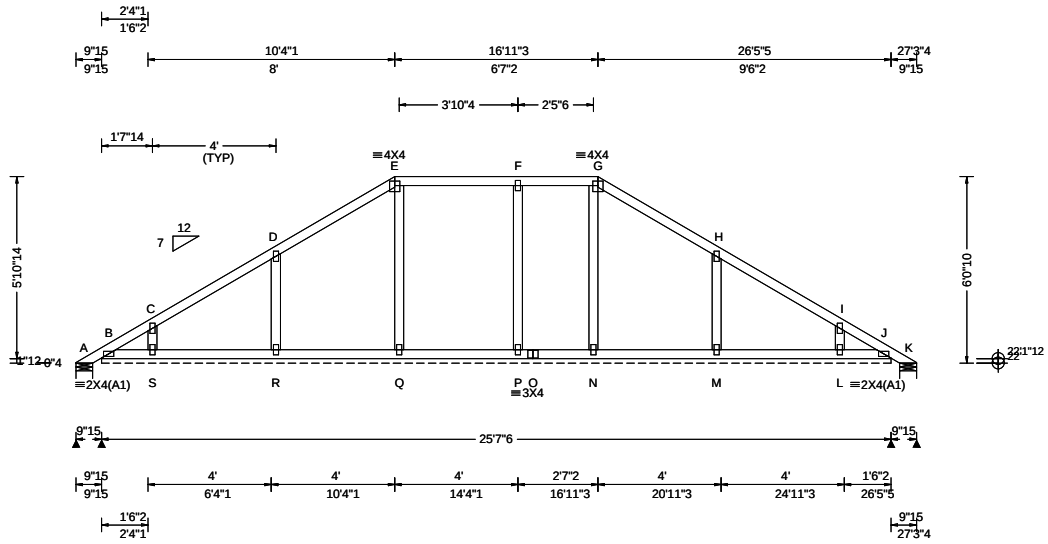
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33988 COMN FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	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

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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#

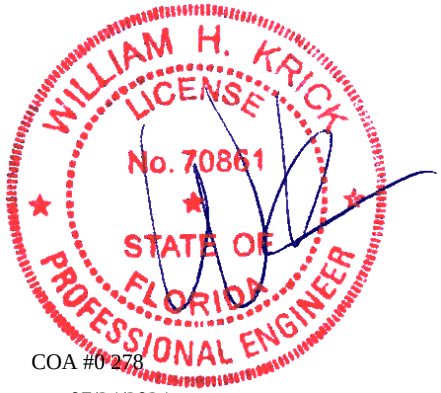
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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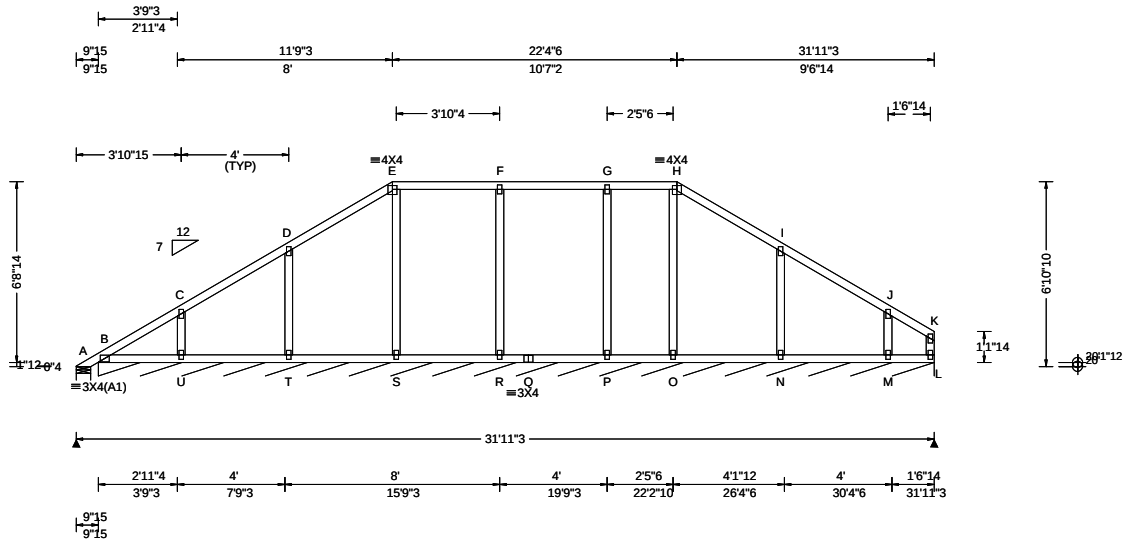
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 33936 COMN FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	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

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ 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				

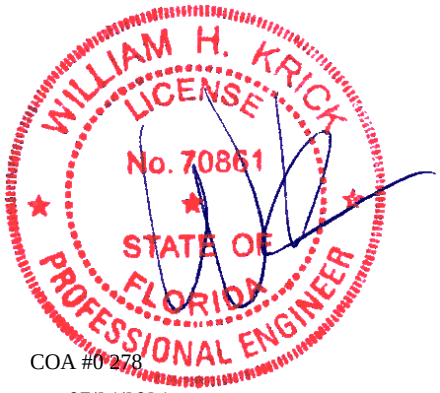
Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 373 Min Req = -
Bearings A & B are a rigid surface.
Members not listed have forces less than 375#

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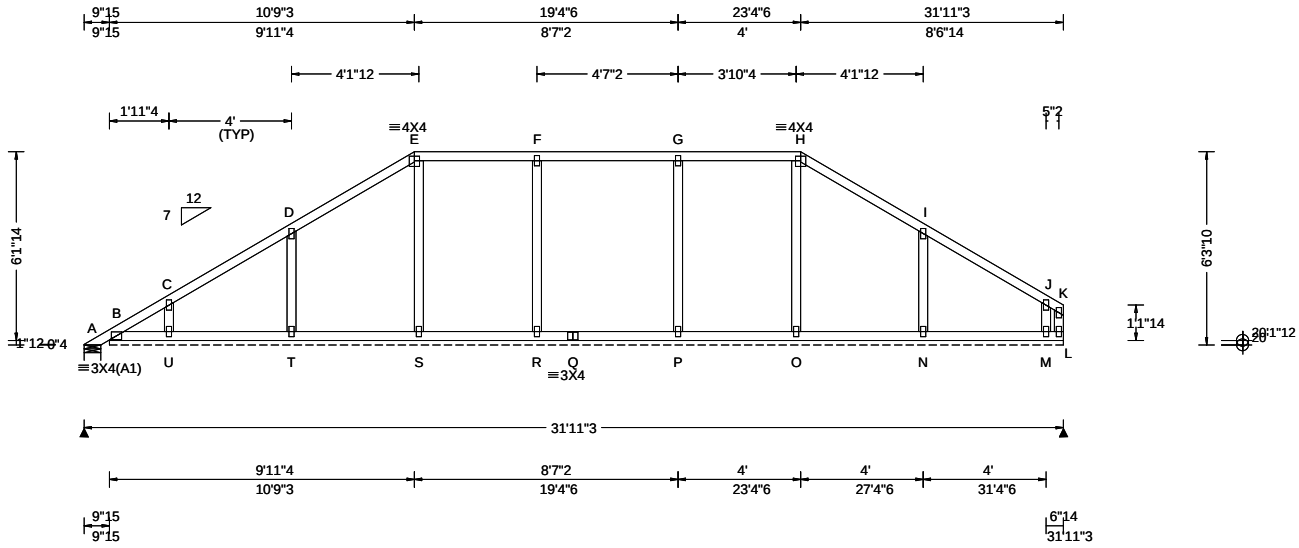
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 105869 SPEC FROM:	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	



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

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	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

▲Maximum Reactions (lbs), or *=PLF

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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#

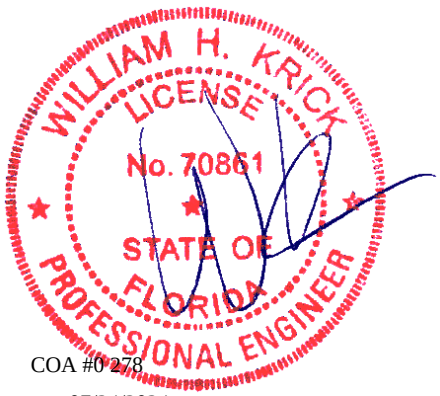
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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.



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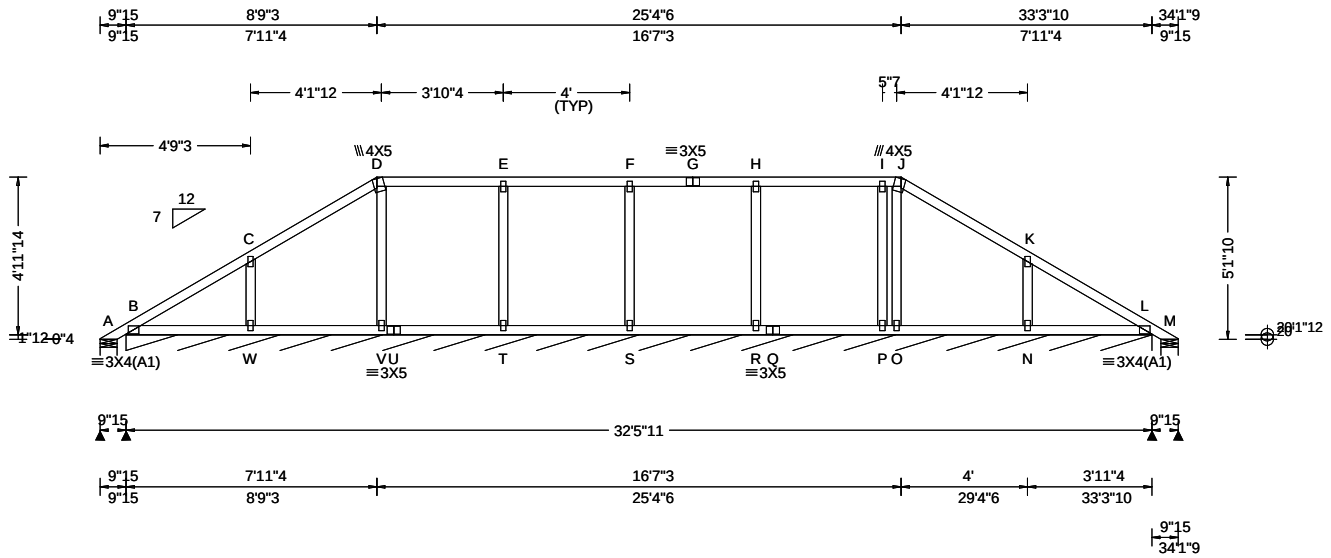
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34452 SPEC FROM:	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



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	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

▲Maximum Reactions (lbs), or *=PLF

		Gravity		Non-Gravity		
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				

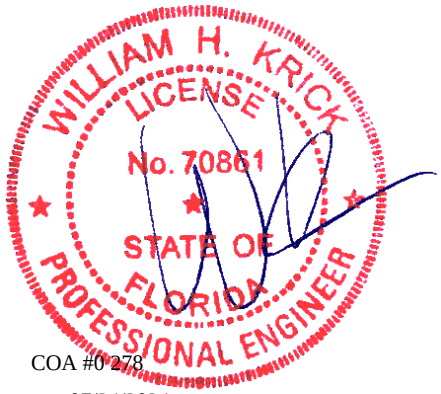
Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 389 Min Req = -
M Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & M are a rigid surface.
Members not listed have forces less than 375#

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.
See Detail PB160220723 for piggyback details.



COA #0 278
07/24/2024
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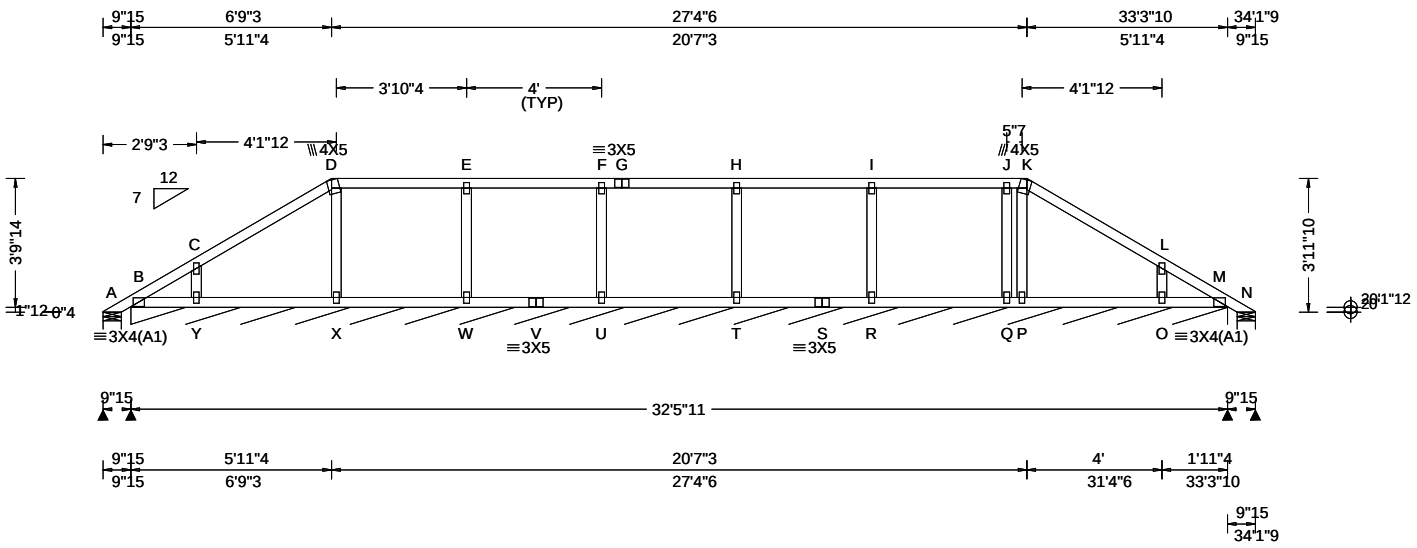
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34459 SPEC FROM:	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	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: 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
GCpi: 0.18
Wind Duration: 1.60

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

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	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

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
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				

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 389 Min Req = -
N Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & N 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.

See Detail PB160220723 for piggyback details.

COA #0278

07/24/2024

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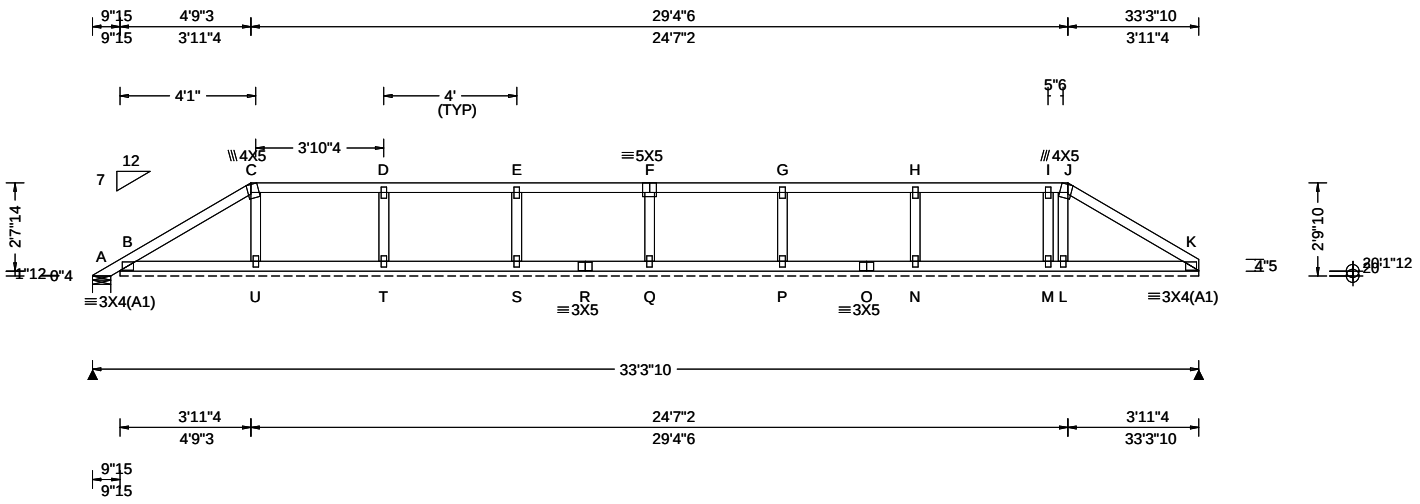
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 34003 SPEC FROM:	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	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 K 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.005 K 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 K - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 K - -
NCBCLL: 10.00	Mean Height: 17.03 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.202
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.137
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.068
	C&C Dist a: 4.95 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 23.02.01A.1204.18
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			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.

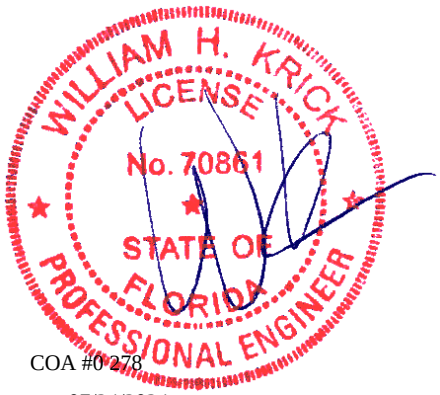
Wind

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

07/24/2024

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

CLR Reinforcing Member Substitution

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

Notes:

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

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

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

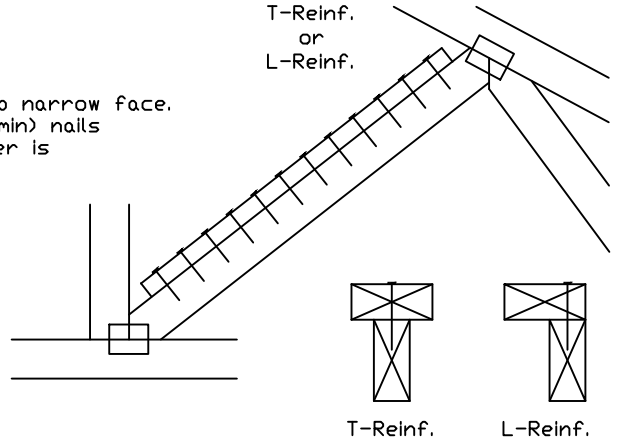
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Alternative Reinforecement Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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

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

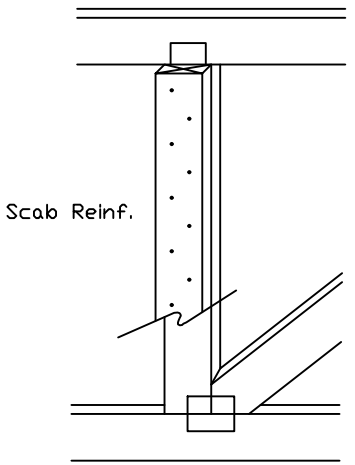
T-Reinforcement or L-Reinforcement:

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



Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

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07/24/2024

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.

WILLIAM H. ARICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/24/2024

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

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

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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

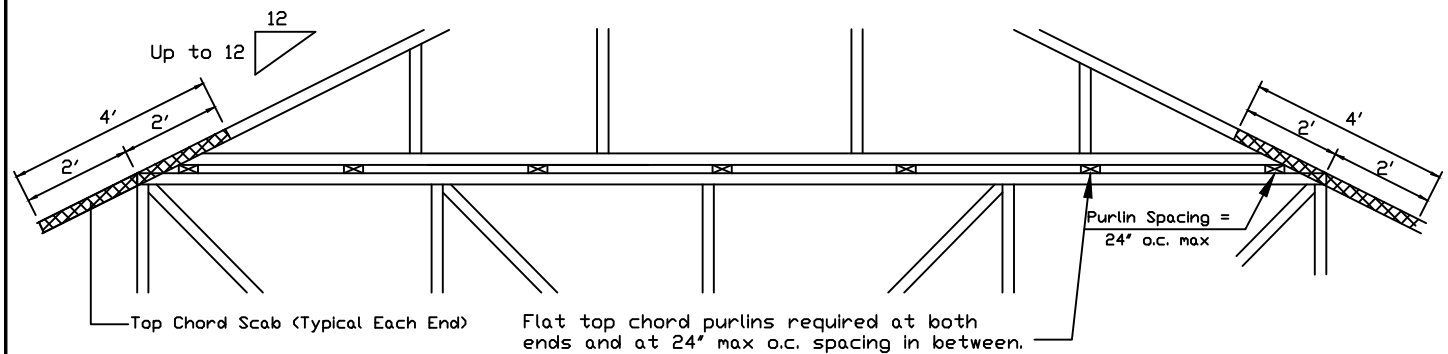
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, Wind DL= 5.0 psf (min), Kzt=1.0.

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.

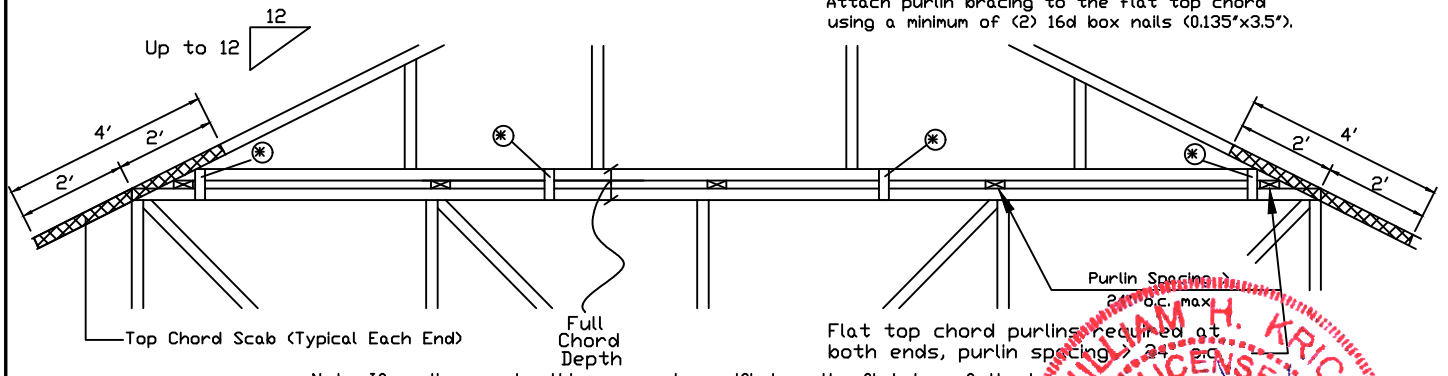
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

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").



Note: If purlins or sheathing are not specified on the flat top of the base truss, purlins must be installed at 24" o.c. max. and use Detail A.

* In addition, provide connection with one of the following methods:

Trulox
Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

APA Rated Gusset
8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

2x4 Vertical Scabs
2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.

28PB Wave Piggyback Plate
One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/24/2024

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

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

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.

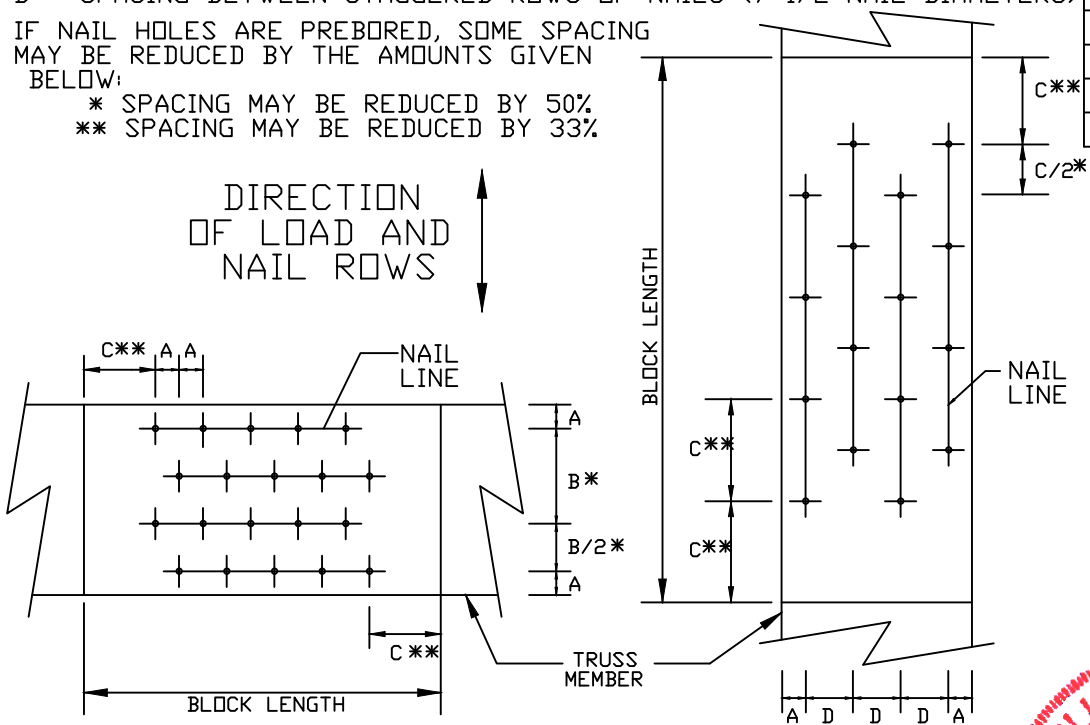
LOAD PERPENDICULAR TO GRAIN
A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
C - END DISTANCE (15 NAIL DIAMETERS)

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

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/24/2024

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

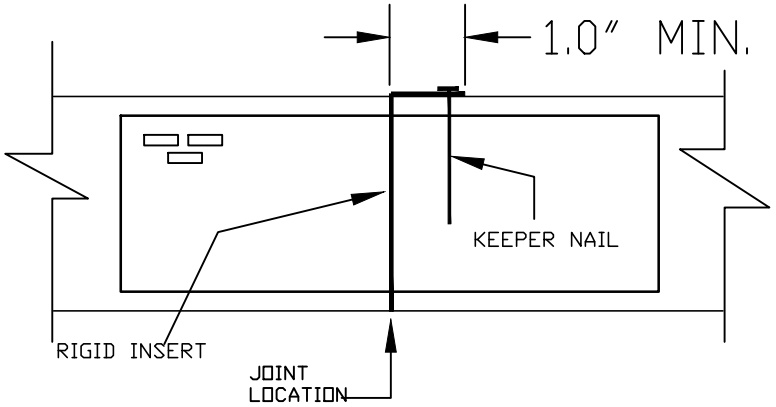
REF	NAIL SPACE
DATE	10/01/14
DRWG	CNNAILSP1014

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

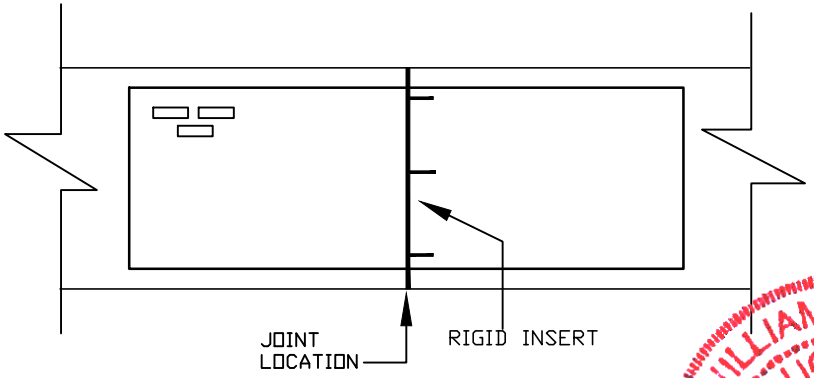
OPTION #1:

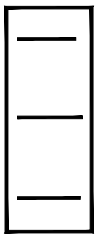
APPLY A 20 GAGE MINIMUM METAL INSERT BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER THE JOINT BEARING AREA. BEND RIGID INSERT OVER THE TOP OR BOTTOM OF THE COMPRESSION MEMBER A MINIMUM OF 1" AND SECURE IN PLACE WITH A KEEPER NAIL. KEEPER NAIL IS TO BE SIZED AND SPACED TO AVOID SPLITTING 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.





RIGID INSERT WITH A MAXIMUM OF 5% SLOTTED (VOID) AREA.

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TC LL		PSF
TC DL		PSF
BC DL		PSF
BC LL		PSF
TOT. LD.		PSF
DUR. FAC.		
SPACING		

REF RIGID INSERT
DATE 10/01/14
DRWG RIGINSRT1014

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

05/24/2024