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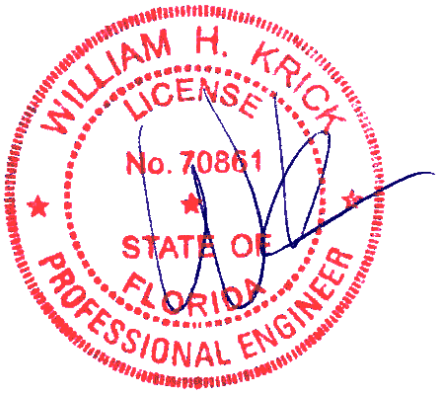
Glenview, IL 60025
Phone: (800)755-6001
www.alpineitw.com



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COA #0 278

Florida Certificate of Product Approval #FL 1999

03/05/2026

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	*Job Number:* 26-3646
Job Description: Lot 6 Hills of Huntsville - Gonzalez	
Address: FL	

Job Engineering Criteria:	
Design Code: FBC 8th Ed. 2023 Res.	*IntelliVIEW Version:* 24.02.00D *JRef #:* 1YI52150004
Wind Standard: ASCE 7-22 *Wind Speed (mph):* 130 *Building Type:* Enclosed	*Design Loading (psf):* 40

This package contains general notes pages, 52 truss drawing(s) and 2 detail(s).

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	063.26.1022.33917	A01	2	063.26.1023.30127	A02
3	063.26.1023.33983	A03	4	063.26.1023.36957	A04
5	063.26.1023.39650	A05	6	063.26.1023.46563	A06
7	063.26.1023.49867	A07	8	063.26.1024.02623	A08
9	063.26.1024.09207	A09	10	063.26.1024.14280	A10
11	063.26.1024.19020	A11	12	063.26.1024.22210	A12
13	063.26.1024.25777	A13	14	063.26.1024.28770	A14
15	063.26.1027.10713	A15	16	063.26.1027.20800	A16
17	063.26.1027.29507	A17	18	063.26.1027.34690	A18
19	063.26.1027.41710	A19	20	063.26.1027.47333	A20
21	063.26.1027.52457	A21	22	063.26.1027.57510	A22
23	063.26.1028.01667	A23	24	063.26.1030.34583	A24
25	063.26.1024.55097	A25	26	063.26.1024.57170	B01
27	063.26.1024.58613	B02	28	063.26.1025.15433	B03
29	063.26.1025.25037	B04	30	063.26.1025.28273	B05
31	063.26.1025.30560	C01	32	063.26.1025.39747	C02
33	063.26.1025.42147	C03	34	063.26.1025.44517	C04
35	063.26.1025.47110	D01	36	063.26.1025.49963	D02
37	063.26.1025.59840	D03	38	063.26.1026.07220	HJ01
39	063.26.1026.22297	HJ02	40	063.26.1026.34110	HJ03
41	063.26.1026.41267	HJ04	42	063.26.1026.43140	J01
43	063.26.1026.45433	J02	44	063.26.1026.48097	J03
45	063.26.1026.49980	J04	46	063.26.1026.51697	J05
47	063.26.1026.53337	J06	48	063.26.1026.55133	J07
49	063.26.1026.57623	J08	50	063.26.1027.00990	PB01

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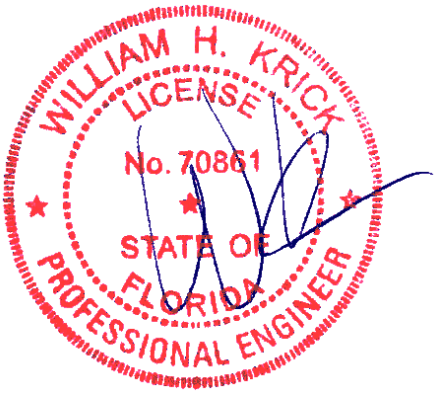

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03/05/2026

Site Information:	**Page 2:**
Customer: W. B. Howland Company, Inc.	*Job Number:* 26-3646
Job Description: Lot 6 Hills of Huntsville - Gonzalez	
Address: FL	

Item	Drawing Number	Truss
51	063.26.1027.02937	PB02
53	BRCLBSUB0119	

Item	Drawing Number	Truss
52	063.26.1027.05510	PB03
54	PB160220723	

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.

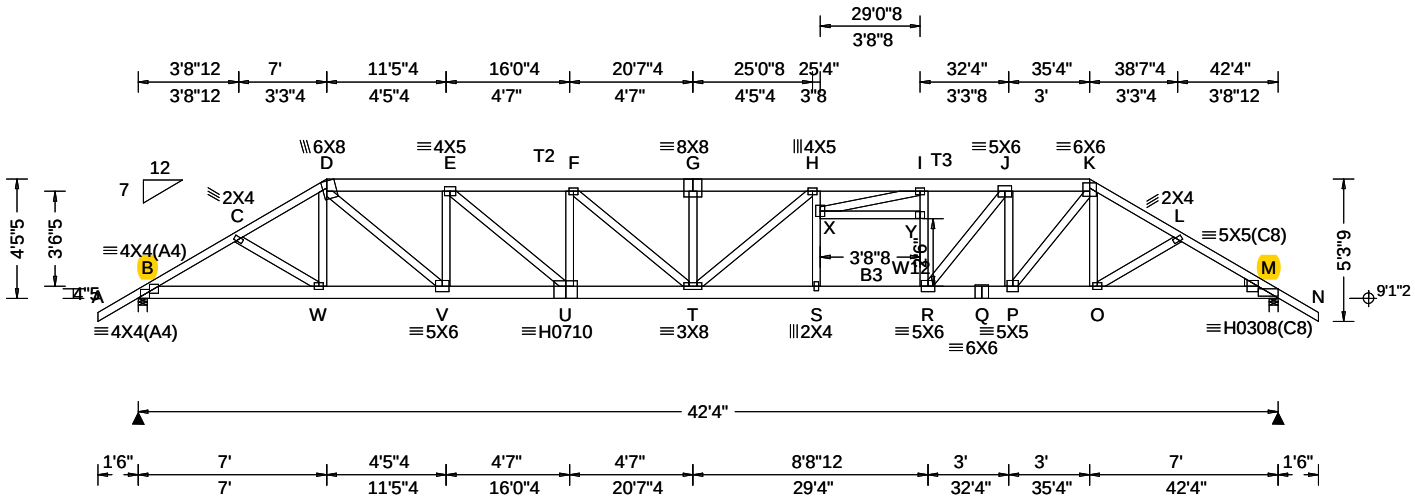
Refer to ASCE-7 for Wind and Seismic abbreviations.
Uppercase Acronyms not explained above are as defined in TPI 1.

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: 436579 HIPS FROM: CDM Page 1 of 2	Ply: 2 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A01	Cust: R 215 JRef:1YI52150004 T19 DrwNo: 063.26.1022.33917 KD / WHK 03/04/2026		

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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.23 ft
Loc. from endwall: not in 6.50 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, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.404	G	999	240
VERT(CL): 0.808	G	624	180
HORZ(LL): 0.086	D	-	-
HORZ(TL): 0.172	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.592
Max BC CSI: 0.704
Max Web CSI: 0.903

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	4907	/-	/-	/-	/1023	/-
M	4975	/-	/-	/-	/1025	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 2.0 (Truss)
M Brg Wid = 4.0 Min Req = 2.1 (Truss)
Bearings B & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	940	-4486	H - I	1410	-6912
C - D	919	-4449	I - J	1323	-6514
D - E	1149	-5566	J - K	1034	-5069
E - F	1383	-6716	K - L	921	-4508
F - G	1512	-7354	L - M	942	-4546
G - H	1512	-7354			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	3833	-798	S - R	6676	-1361
W - V	3834	-793	R - Q	5197	-1062
V - U	5665	-1174	Q - P	5197	-1062
U - T	6777	-1400	P - O	3886	-794
T - S	6743	-1378	O - M	3885	-801

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - V	2369	-486	X - I	553	-115
V - E	353	-1379	I - Y	267	-1041
E - U	1434	-285	Y - R	274	-1075
U - F	234	-836	R - J	2261	-448
F - T	774	-151	J - P	398	-1772
G - T	219	-625	P - K	2040	-413
T - H	821	-180			

Lumber

Top chord: 2x4 SP M-31; T2,T3 2x6 SP 2400f-2.0E;
Bot chord: 2x6 SP 2400f-2.0E; B3 2x4 SP #2;
Webs: 2x4 SP #3; W12 2x4 SP #2;
Rt Wedge: 2x4 SP #3;

Nailnote

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

Plating Notes

All plates are 3X4 except as noted.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 25-4-0 to 29-0-8.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

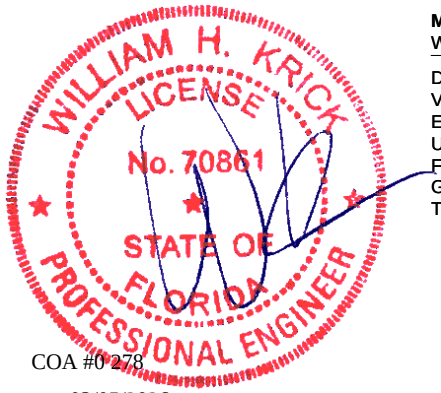
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-5-5.



COA #0 278
03/05/2026
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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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

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

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AN ITW COMPANY
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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	43.83
PLT: From	2 plf at	25.33 to	2 plf at	29.04
PLT: From	50 plf at	25.33 to	50 plf at	29.04
BC: From	5 plf at	-1.50 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	42.33
BC: From	5 plf at	42.33 to	5 plf at	43.83

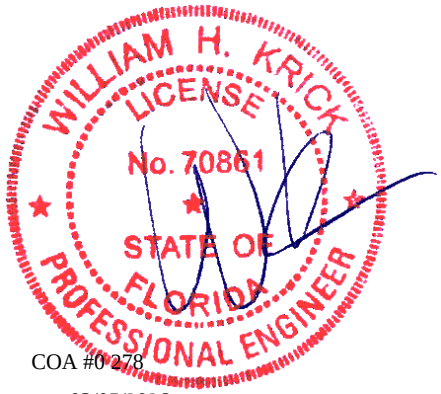
TC: 268 lb Conc. Load at 7.03,35.30

TC: 190 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,21.06,21.94,23.27,25.27,27.27,29.27 31.27,33.27

BC: 474 lb Conc. Load at 7.03,35.30

BC: 130 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,21.06,21.94,23.27,25.27,27.27,29.27 31.27,33.27

BC: 5 lb Conc. Load at 25.33,29.04



COA #0278

03/05/2026

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

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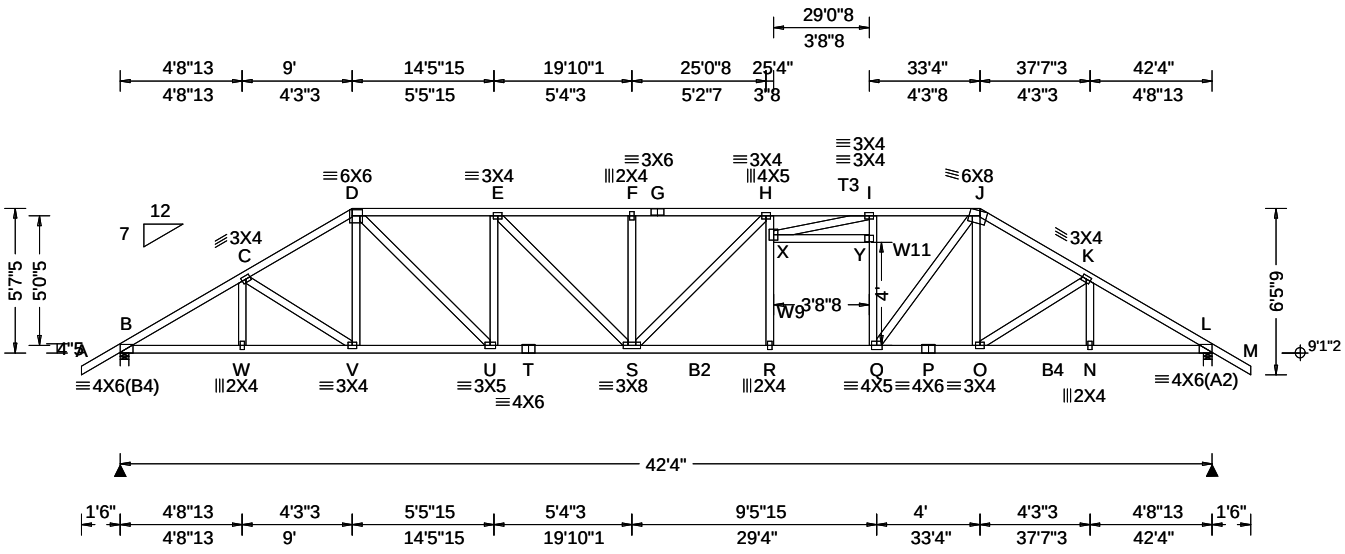
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436531 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A02		Cust: R 215 JRef:1YI52150004 T21 DrwNo: 063.26.1023.30127 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.23 ft
Loc. from endwall: not in 6.50 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): 0.397	R	999	240
VERT(CL): 0.794	H	635	180
HORZ(LL): 0.113	Y	-	-
HORZ(TL): 0.250	Y	-	-

Creep Factor: 2.0
Max TC CSI: 0.790
Max BC CSI: 0.834
Max Web CSI: 0.961

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1936	/-	/-	/997	/337	/145
L	1996	/-	/-	/997	/337	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 2.3 (Truss)
L Brg Wid = 4.0 Min Req = 1.7 (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	930	- 3130	G - H	1242	- 3755
C - D	959	- 2888	H - I	1266	- 3887
D - E	1152	- 3295	I - J	1127	- 3382
E - F	1242	- 3755	J - K	953	- 2977
F - G	1242	- 3755	K - L	933	- 3253

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	2626	- 688	R - Q	3522	- 916
W - V	2625	- 690	Q - P	2509	- 607
V - U	2445	- 636	P - O	2509	- 607
U - T	3336	- 935	O - N	2734	- 677
T - S	3336	- 935	N - L	2735	- 675
S - R	3584	- 934			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - U	1198	- 402	X - I	1078	- 317
U - E	346	- 757	X - Y	182	- 612
E - S	670	- 196	I - Y	320	- 669
F - S	218	- 427	Y - Q	333	- 721
S - H	455	- 174	Q - J	1494	- 450

Lumber

Top chord: 2x4 SP #2; T3 2x4 SP M-31;
Bot chord: 2x4 SP #2; B2,B4 2x4 SP M-31;
Webs: 2x4 SP #3; W9 2x4 SP #2; W11 2x4 SP M-31;

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 25-4-0 to 29-0-8.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

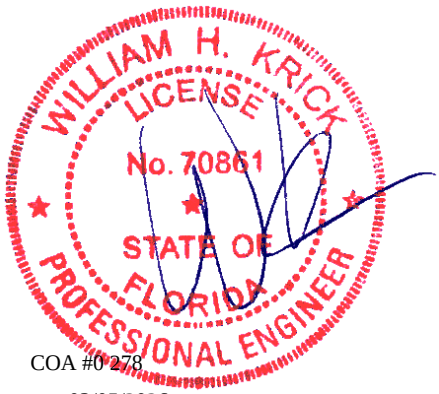
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5-7-5.



COA #0278
Florida Certificate of Product Approval #FL 1999
03/05/2026

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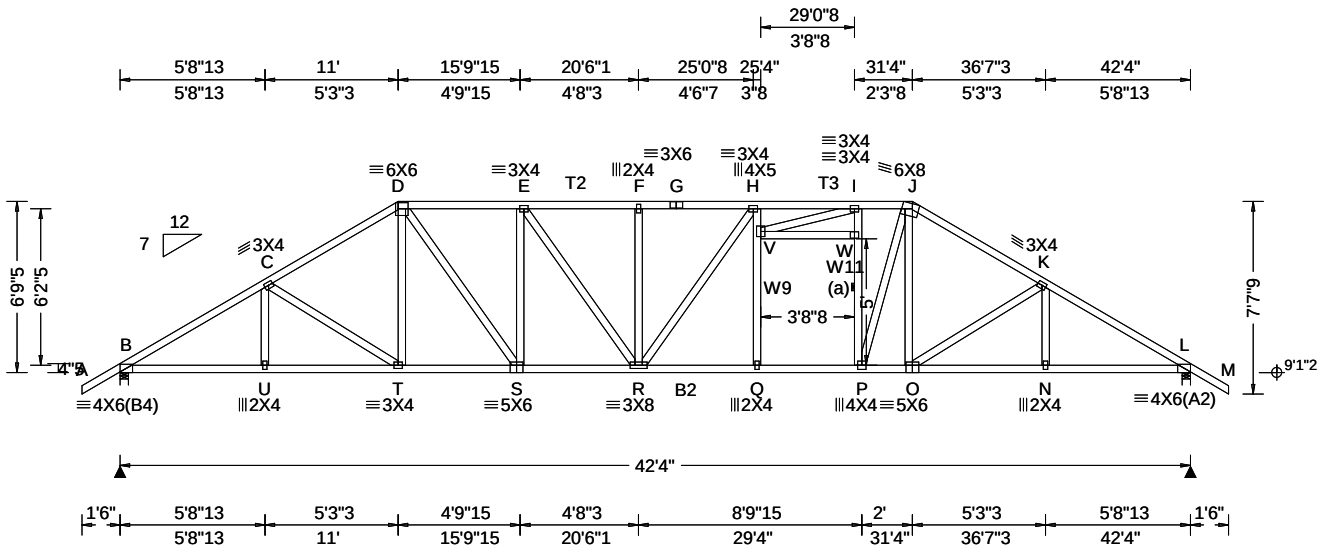
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 436532 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A03		Cust: R 215 JRef:1YI52150004 T22 DrwNo: 063.26.1023.33983 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.23 ft
Loc. from endwall: not in 6.50 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): 0.349	Q	999	240
VERT(CL): 0.700	H	720	180
HORZ(LL): 0.135	W	-	-
HORZ(TL): 0.295	W	-	-

Creep Factor: 2.0
Max TC CSI: 0.593
Max BC CSI: 0.842
Max Web CSI: 0.946

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1938	/-	/-	/1014	/334	/178
L	1999	/-	/-	/1014	/334	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 2.3 (Truss)
L Brg Wid = 4.0 Min Req = 2.4 (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	894	- 3131	G - H	1055	- 3099
C - D	907	- 2765	H - I	1072	- 3161
D - E	999	- 2819	I - J	949	- 2800
E - F	1055	- 3099	J - K	905	- 2874
F - G	1055	- 3099	K - L	896	- 3252

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - U	2621	- 647	Q - P	2884	- 683
U - T	2620	- 649	P - O	2406	- 528
T - S	2317	- 550	O - N	2724	- 634
S - R	2846	- 733	N - L	2726	- 633
R - Q	2931	- 701			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	141	- 378	V - I	676	- 210
D - S	855	- 296	I - W	306	- 730
S - E	296	- 626	W - P	314	- 761
E - R	546	- 160	P - J	1467	- 439
F - R	221	- 424	O - K	148	- 396
R - H	462	- 191			

Lumber

Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
Webs: 2x4 SP #3; W9,W11 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 25-4-0 to 29-0-8.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-9-5.

COA #0278
Florida Certificate of Product Approval #FL 1999
03/05/2026

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

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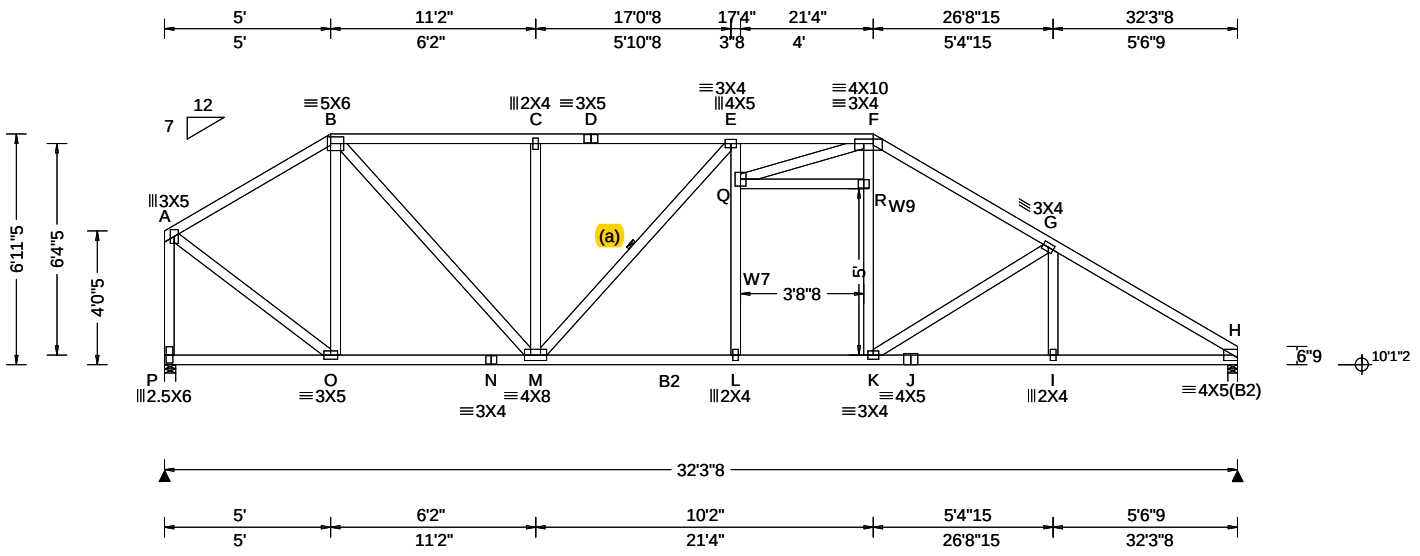
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 436533 HIPS FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A04		Cust: R 215 JRef:1YI52150004 T39 DrwNo: 063.26.1023.36957 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.23 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): 0.356	L	999	240
VERT(CL): 0.403	L	960	180
HORZ(LL): 0.218	K	-	-
HORZ(TL): 0.262	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.689
Max BC CSI: 0.883
Max Web CSI: 0.867

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
P	1426	/-	/-	/699	/245	/165
H	1472	/-	/-	/789	/226	/-

Wind reactions based on MWFRS
P Brg Wid = 4.0 Min Req = 1.7 (Truss)
H Brg Wid = 3.5 Min Req = 1.7 (Truss)
Bearings 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.
A - B	503	- 1165	E - F	894	- 1962
B - C	805	- 1666	F - G	807	- 2091
C - D	805	- 1666	G - H	751	- 2364
D - E	805	- 1666			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	948	- 247	K - J	1949	- 573
N - M	948	- 247	J - I	1949	- 573
M - L	1814	- 560	I - H	1949	- 571
L - K	1782	- 536			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - P	579	- 1384	C - M	377	- 445
A - O	1170	- 456	Q - F	517	- 259
B - O	339	- 586	R - K	509	- 101
B - M	1055	- 465	R - F	519	- 105
M - E	67	- 408			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-4-0 to 21-0-8.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-11-5.

COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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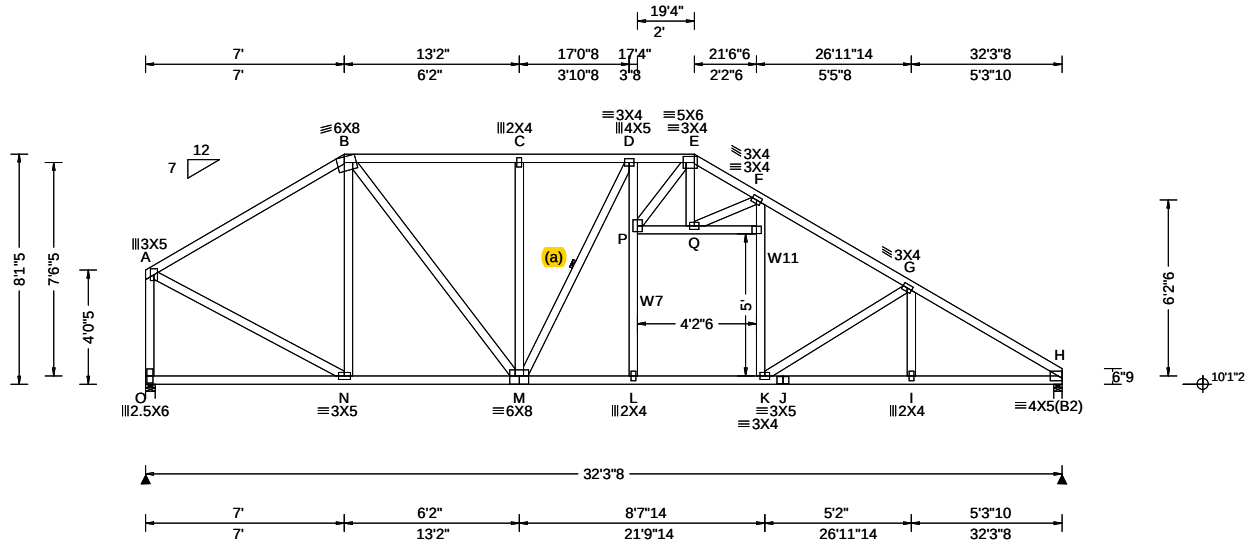
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436534 HIPS FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A05		Cust: R 215 JRef:1YI52150004 T27 DrwNo: 063.26.1023.39650 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.23 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): 0.362	R	999	240
VERT(CL): 0.424	R	912	180
HORZ(LL): -0.215	Q	-	-
HORZ(TL): 0.252	Q	-	-

Creep Factor: 2.0
Max TC CSI: 0.779
Max BC CSI: 0.974
Max Web CSI: 0.824

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1434	/-	/-	/711	/241	/195
H	1489	/-	/-	/798	/223	/-

Wind reactions based on MWFRS
O Brg Wid = 4.0 Min Req = 1.7 (Truss)
H Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings O & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	520	- 1339	E - F	610	- 1496
B - C	693	- 1508	F - G	692	- 2080
C - D	692	- 1507	G - H	686	- 2435
D - E	673	- 1563			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1073	- 234	K - J	2014	- 519
M - L	1632	- 403	J - I	2014	- 519
L - K	1667	- 408	I - H	2015	- 517

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	524	- 1376	P - E	441	- 199
A - N	1192	- 397	P - Q	152	- 409
B - N	262	- 398	Q - F	203	- 676
B - M	701	- 283	K - G	158	- 415
M - D	99	- 446			

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W7,W11 2x4 SP #2;

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

Loading
BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-4-0 to 21-6-6.

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 8-1-5.

COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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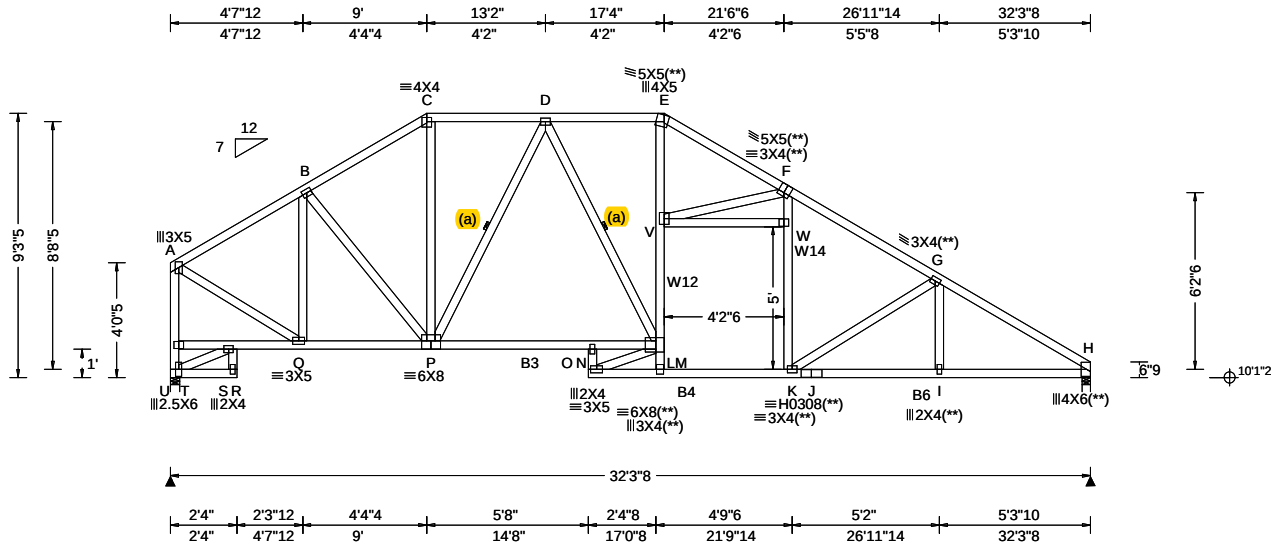
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 436535 HIPS FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A06		Cust: R 215 JRef:1YI52150004 T34 DrwNo: 063.26.1023.46563 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.01 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.23 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, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.569	W	679	240
VERT(CL): 0.729	W	530	180
HORZ(LL): -0.229	W	-	-
HORZ(TL): 0.298	W	-	-

Creep Factor: 2.0
Max TC CSI: 0.681
Max BC CSI: 0.911
Max Web CSI: 0.565

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
U	1434	/-	/-	/718	/237	/225
H	1489	/-	/-	/803	/220	/-

Wind reactions based on MWFRS
U Brg Wid = 4.0 Min Req = 1.7 (Truss)
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings U & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	390	- 1295	E - F	564	- 1635
B - C	561	- 1513	F - G	586	- 2019
C - D	519	- 1251	G - H	612	- 2462
D - E	578	- 1498			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	1088	- 162	M - K	1552	- 294
P - N	1425	- 278	K - J	2039	- 455
O - M	1451	- 352	J - I	2039	- 455
N - L	1443	- 285	I - H	2042	- 454

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - T	417	- 1371	O - L	386	- 1579
A - Q	1209	- 327	L - M	755	- 69
U - T	390	- 1387	V - E	440	- 86
Q - B	260	- 615	V - F	229	- 738
C - P	464	- 120	V - W	520	- 140
P - D	196	- 436	K - G	180	- 486

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B3,B4,B6 2x4 SP M-31;
Webs: 2x4 SP #3; W12,W14 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

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

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-4-0 to 21-6-6.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-3-5.

COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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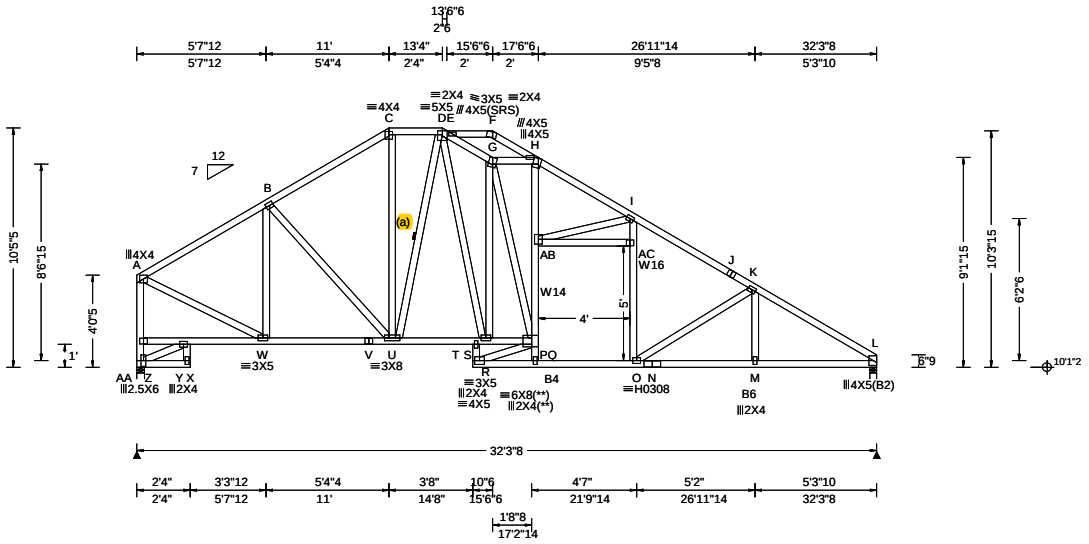
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436536 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A07		Cust: R 215 JRef:1YI52150004 T28 DrwNo: 063.26.1023.49867 KD / WHK 03/04/2026	



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): 0.332 AC 999 240
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.631 AC 613 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.186 AC - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.349 AC - -
NCBCLL: 10.00	Mean Height: 15.59 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.604
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.629
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.609
	C&C Dist a: 3.23 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 24.02.00D.0611.08
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AA	1430	/-	/-	/720	/231	/255
L	1484	/-	/-	/801	/218	/-

Wind reactions based on MWFRS
AA Brg Wid = 4.0 Min Req = 1.7 (Truss)
L Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings AA & 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.
A - B	348	- 1406	H - I	436	- 1467
B - C	478	- 1472	I - J	489	- 1997
C - D	451	- 1195	J - K	463	- 2027
D - E	532	- 1615	K - L	521	- 2443
E - G	424	- 1424			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
W - V	1165	- 112	R - P	1569	- 170
V - U	1165	- 112	Q - O	1568	- 204
U - S	1272	- 106	O - N	2023	- 372
T - Q	1930	- 329	N - M	2023	- 372
S - R	1361	- 119	M - L	2025	- 371

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Z	353	- 1371	T - P	363	- 2152
A - W	1245	- 261	G - P	90	- 479
AA- Z	322	- 1382	G - H	346	- 1127
W - B	205	- 451	P - Q	506	- 46
C - U	461	- 107	AB- H	415	- 76
U - D	114	- 431	AB- I	264	- 859
D - R	962	- 223	AB-AC	480	- 144
T - S	613	- 80	O - K	186	- 458

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B4,B6 2x4 SP M-31;
Webs: 2x4 SP #3; W14,W16 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

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

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-6-6 to 21-6-6.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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

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
03/05/2026
Florida Certificate of Product Approval #FL 1999

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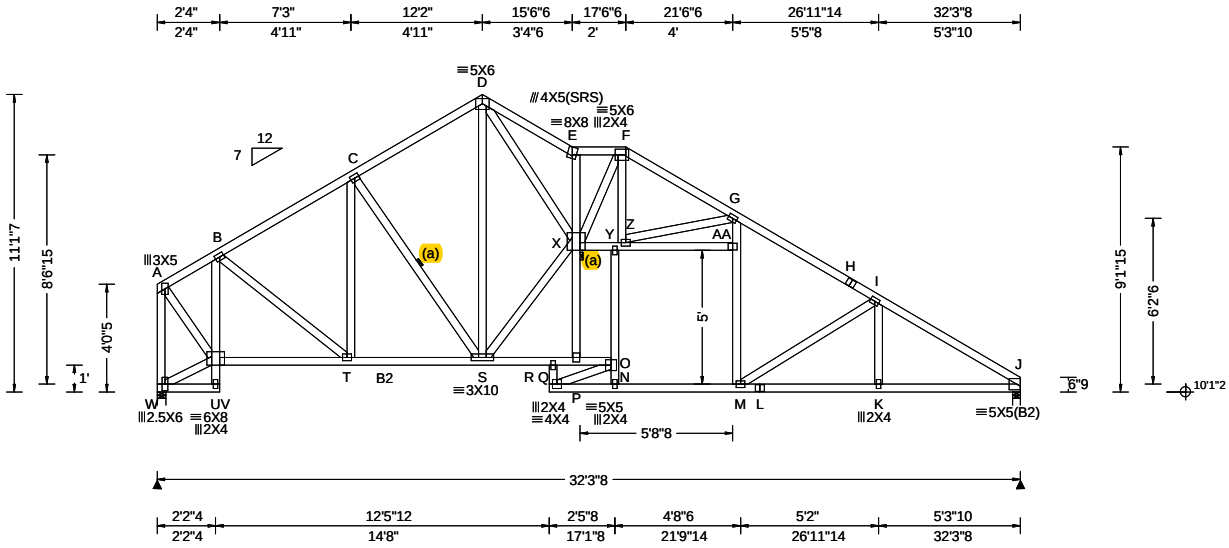
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436537 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A08	Cust: R 215 JRef:1YI52150004 T41 DrwNo: 063.26.1024.02623 KD / WHK 03/04/2026	



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): 0.141 R 999 240
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.275 R 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.080 J - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.157 J - -
NCBCLL: 10.00	Mean Height: 15.93 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.656
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.943
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.651
	C&C Dist a: 3.23 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 24.02.00D.0611.08
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
W	1500	/-	/-	/716	/27	/275
J	1556	/-	/-	/796	/28	/-

Wind reactions based on MWFRS
W Brg Wid = 4.0 Min Req = 1.8 (Truss)
J Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings W & 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.
A - B	187	- 980	F - G	324	- 1287
B - C	377	- 1543	G - H	494	- 2203
C - D	455	- 1533	H - I	468	- 2233
D - E	460	- 1639	I - J	496	- 2540
E - F	347	- 1367			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	853	- 174	P - N	1965	- 249
T - S	1275	- 67	O - M	1845	- 236
S - Q	1848	- 236	M - L	2102	- 350
R - O	1743	- 225	L - K	2102	- 350
Q - P	1925	- 245	K - J	2102	- 349

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	265	- 1471	E - X	317	- 913
A - U	1267	- 213	X - P	813	- 82
U - B	264	- 864	X - Y	260	- 847
B - T	541	- 93	X - F	631	- 77
D - S	1059	- 327	Y - N	147	- 574
D - X	403	- 101	Y - Z	252	- 810
S - X	357	- 1051	Z - G	265	- 860
R - Q	617	- 71	G -AA	396	- 33
R - N	247	- 1927	AA- M	387	- 31

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 15-9-14 to 21-6-6.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 11-1-7.

COA #0278
03/05/2026
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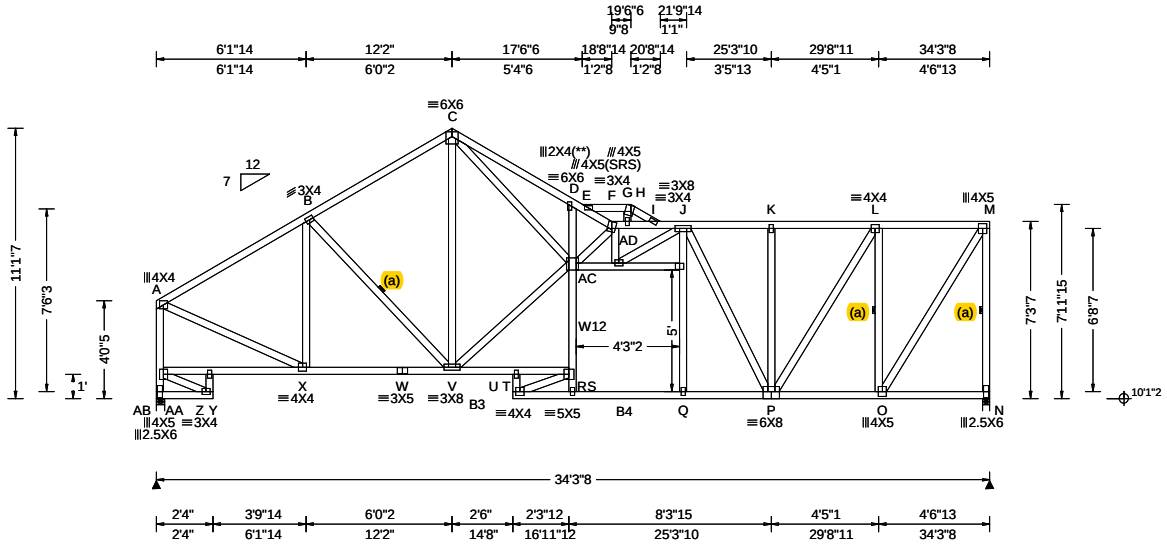
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436538 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A09		Cust: R 215 JRef:1YI52150004 T40 DrwNo: 063.26.1024.09207 KD / WHK 03/04/2026	



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): 0.250 U 999 240
BCLL:	0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.500 U 823 180
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.091 O - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.183 O - -
NCBCLL:	10.00	Mean Height: 17.67 ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.628
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.802
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.920
		C&C Dist a: 3.43 ft	FT/RT:20(0)/10(0)	
		Loc. from endwall: not in 9.00 ft	Plate Type(s):	
		GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0611.08
		Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AB	1531	/-	/-	/792	/51	/189
N	1562	/-	/-	/741	/213	/-

Wind reactions based on MWFRS
AB Brg Wid = 4.0 Min Req = 1.8 (Truss)
N Brg Wid = 3.5 Min Req = 1.8 (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.
A - B	455	- 1552	G - I	578	- 1834
B - C	584	- 1625	H - I	154	- 457
C - D	678	- 2010	I - J	695	- 2203
D - E	527	- 1842	J - K	586	- 1539
E - F	425	- 1526	K - L	586	- 1539
E - H	151	- 407	L - M	358	- 889
F - G	574	- 1799			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
X - W	1285	- 446	T - R	1959	- 689
W - V	1285	- 446	S - Q	1880	- 663
V - T	1948	- 686	Q - P	1883	- 665
U - S	1602	- 565	P - O	943	- 384

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AA	430	- 1458	AC- D	263	- 432
A - X	1346	- 329	AC- F	292	- 749
AB-AA	404	- 1507	AC-AD	522	- 37
X - B	204	- 491	AD- J	539	- 31
C - V	1024	- 381	J - P	172	- 784
C -AC	651	- 109	P - L	1143	- 387
V -AC	382	- 903	L - O	621	- 1305
U - T	463	- 160	O - M	1664	- 671
U - R	606	- 1719	M - N	673	- 1527

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B3,B4 2x4 SP M-31;
Webs: 2x4 SP #3; W12 2x4 SP #2;

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.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-3-4 to 21-6-6.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

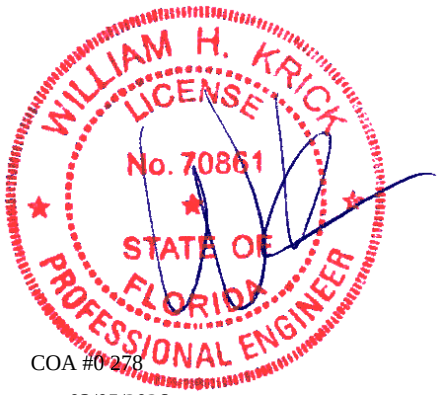
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 11-1-7.

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

03/05/2026

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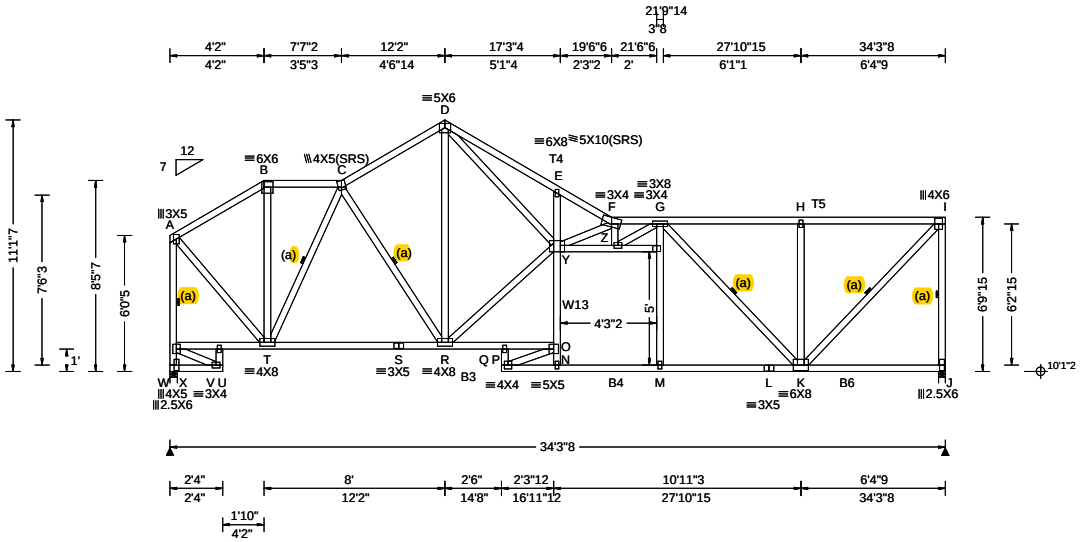
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436539 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A10	Cust: R 215 JRef:1YI52150004 T32 DrwNo: 063.26.1024.14280 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 18.67 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.43 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): 0.255	Q	999	240
VERT(CL): 0.509	Q	807	180
HORZ(LL): 0.092	K	-	-
HORZ(TL): 0.185	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.344
Max BC CSI: 0.854
Max Web CSI: 0.894

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	1531	/-	/-	/743	/59	/136
J	1562	/-	/-	/723	/214	/-

Wind reactions based on MWFRS
X Brg Wid = 4.0 Min Req = 1.8 (Truss)
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings X & 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.
A - B	372	- 1008	E - F	445	- 1671
B - C	371	- 826	F - G	795	- 2462
C - D	624	- 1586	G - H	542	- 1322
D - E	563	- 1706	H - I	542	- 1322

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	1295	- 479	P - N	2094	- 761
S - R	1295	- 479	O - M	2016	- 735
R - P	2083	- 759	M - L	2020	- 737
Q - O	1728	- 625	L - K	2020	- 737

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	522	- 1484	Y - F	482	- 1238
A - T	1209	- 385	Y - Z	713	- 71
X - W	520	- 1507	F - Z	47	- 486
T - C	400	- 1135	Z - G	707	- 56
D - R	1173	- 479	G - K	285	- 1012
R - Y	478	- 1067	H - K	417	- 470
Q - P	493	- 170	K - I	1892	- 776
Q - N	669	- 1855	I - J	697	- 1512
N - O	394	- 33			

Lumber

Top chord: 2x4 SP #2; T4,T5 2x4 SP M-31;
Bot chord: 2x4 SP #2; B3,B4,B6 2x4 SP M-31;
Webs: 2x4 SP #3; W13 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-3-4 to 21-6-6.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

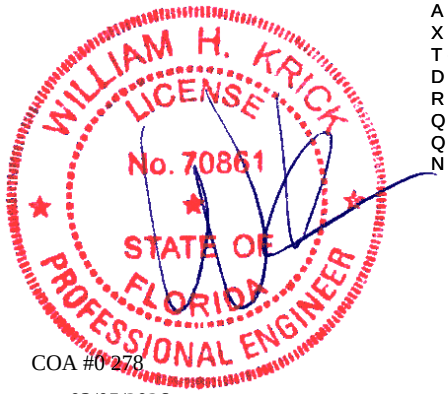
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 11-1-7.



COA #0 278
Florida Certificate of Product Approval #FL 1999
03/05/2026

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

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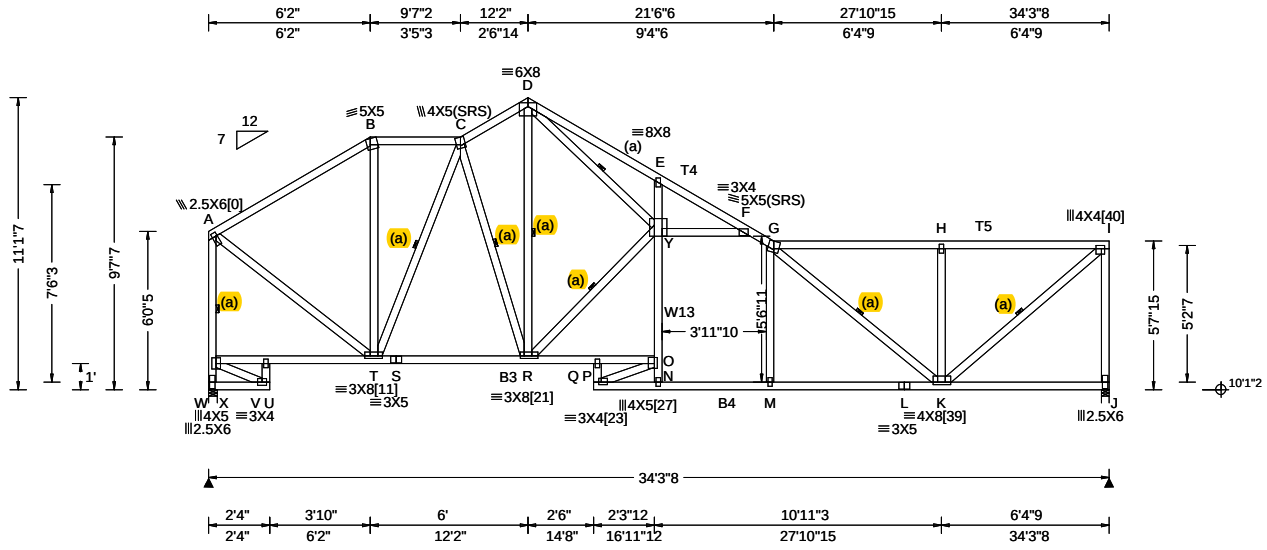
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 436540 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A11	Cust: R 215 JRef:1YI52150004 T52 DrwNo: 063.26.1024.19020 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 18.49 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.43 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): 0.351	M	999	240
VERT(CL): 0.704	M	584	180
HORZ(LL): 0.110	B	-	-
HORZ(TL): 0.222	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.646
Max BC CSI: 0.915
Max Web CSI: 0.859

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	1526	/-	/-	/742	/261	/147
J	1554	/-	/-	/729	/269	/-

Wind reactions based on MWFRS
X Brg Wid = 4.0 Min Req = 1.8 (Truss)
J Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings X & 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.
A - B	427	- 1214	E - F	159	- 590
B - C	436	- 980	F - G	742	- 2284
C - D	614	- 1525	G - H	631	- 1628
D - E	234	- 547	H - I	630	- 1628

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	1308	- 389	P - N	2392	- 780
S - R	1308	- 389	O - M	2328	- 763
R - P	2376	- 775	M - L	2329	- 767
Q - O	2067	- 686	L - K	2329	- 767

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	502	- 1455	Q - N	736	- 2218
A - T	1205	- 362	N - O	612	- 115
X - W	490	- 1502	Y - F	908	- 2150
T - C	285	- 907	G - K	178	- 949
D - R	1613	- 642	H - K	465	- 577
D - Y	673	- 1568	K - I	2128	- 824
R - Y	614	- 1524	I - J	663	- 1511
Q - P	505	- 155			

Lumber

Top chord: 2x4 SP #2; T4,T5 2x4 SP M-31;
Bot chord: 2x4 SP #2; B3,B4 2x4 SP M-31;
Webs: 2x4 SP #3; W13 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Plate Shift Table

JT No	Plate Size	Lateral Shift		Chord Bite	JT No	Plate Size	Lateral Shift		Chord Bite
[0]	2.5X6	0.50	R	1.75	[11]	3X8	0.35	L	1.25
[21]	3X8	0.30	L	1.25	[23]	3X4	2.75	R	1.25
[27]	4X5	0.75	R	1.25	[39]	4X8	0.77	R	1.25
[40]	4X4	1.50	R	1.50					

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-3-4 to 21-2-14.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Additional Notes

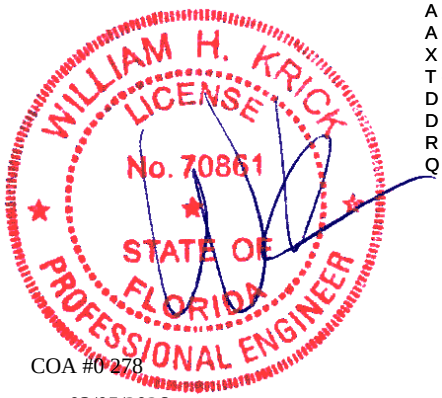
The overall height of this truss excluding overhang is 11-1-7.

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
03/05/2026
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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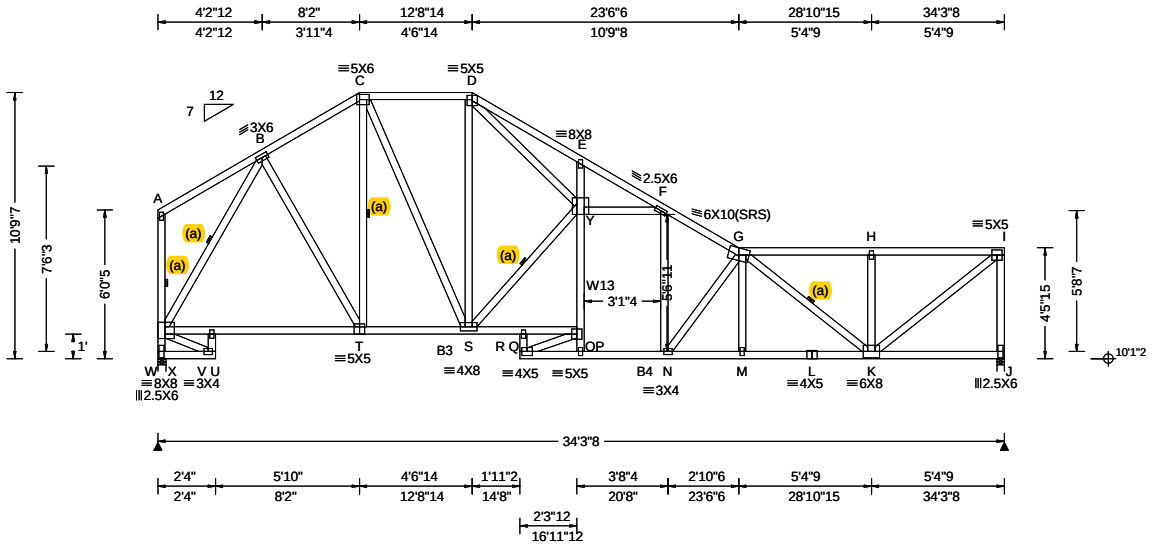
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 436541 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A12	Cust: R 215 JRef:1YI52150004 T33 DrwNo: 063.26.1024.22210 KD / WHK 03/04/2026		



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.74 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.43 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): 0.246	R	999	240
VERT(CL): 0.493	R	834	180
HORZ(LL): 0.111	C	-	-
HORZ(TL): 0.226	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.567
Max BC CSI: 0.863
Max Web CSI: 0.968

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	1509	/-	/-	/743	/268	/168
J	1527	/-	/-	/751	/263	/-

Wind reactions based on MWFRS
X Brg Wid = 4.0 Min Req = 1.8 (Truss)
J Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings X & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	498	- 1250	F - G	829	- 2614
C - D	576	- 1348	G - H	642	- 1727
D - E	214	- 750	H - I	642	- 1726
E - F	102	- 734			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
W - V	771	- 182	Q - O	2238	- 666
V - T	780	- 180	P - N	2176	- 650
T - S	1020	- 217	N - M	2791	- 917
S - Q	2217	- 659	M - L	2795	- 916
R - P	1954	- 593	L - K	2795	- 916

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
X - W	475	- 1485	R - O	638	- 2104
W - B	494	- 1510	O - P	451	- 51
B - T	537	- 80	Y - F	713	- 1736
C - T	180	- 403	F - N	808	- 279
C - S	820	- 267	N - G	455	- 1038
S - D	857	- 270	G - K	348	- 1355
S - Y	508	- 1325	H - K	353	- 396
D - Y	540	- 1278	K - I	2190	- 814
R - Q	557	- 160	I - J	618	- 1482

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B3,B4 2x4 SP M-31;
Webs: 2x4 SP #3; W13 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-3-4 to 20-4-8.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

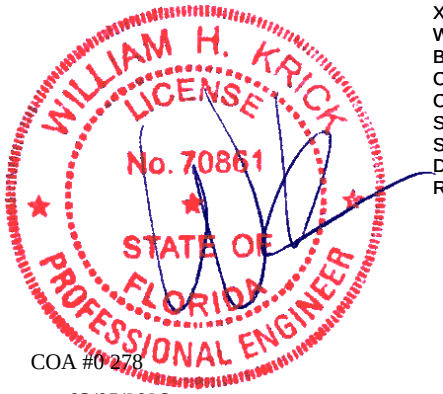
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



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Florida Certificate of Product Approval #FL 1999
03/05/2026

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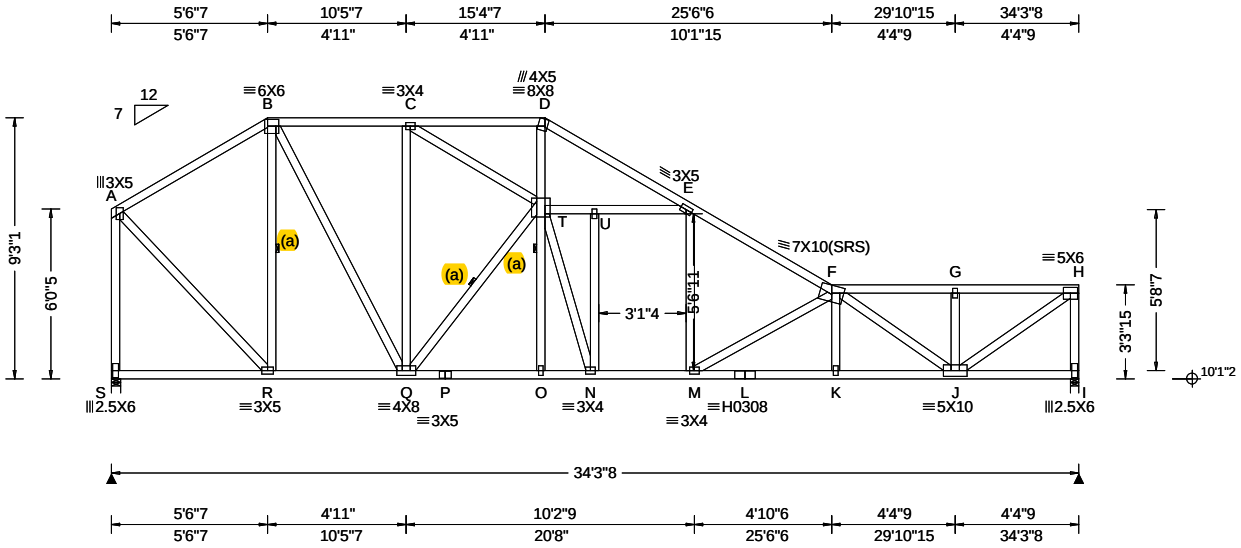
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436542 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A13		Cust: R 215 JRef:1YI52150004 T2 DrwNo: 063.26.1024.25777 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.74 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.43 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, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.261	M	999	240
VERT(CL): 0.364	M	999	180
HORZ(LL): 0.081	B	-	-
HORZ(TL): 0.115	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.483
Max BC CSI: 0.830
Max Web CSI: 0.983

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	1508	/-	/-	/753	/223	/220
I	1526	/-	/-	/766	/234	/-

Wind reactions based on MWFRS
S Brg Wid = 4.0 Min Req = 1.8 (Truss)
I Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings S & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	269	- 1018	E - F	631	- 2682
B - C	489	- 1267	F - G	609	- 1984
D - E	43	- 479	G - H	608	- 1984

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	815	- 61	N - M	2224	- 463
Q - P	2097	- 437	M - L	3387	- 895
P - O	2097	- 437	L - K	3387	- 895
O - N	2099	- 439	K - J	3392	- 893

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - S	363	- 1464	T - U	668	- 1880
A - R	1171	- 229	U - E	669	- 1885
B - R	224	- 721	E - M	855	- 202
B - Q	938	- 202	M - F	500	- 1333
Q - T	455	- 1355	F - J	346	- 1711
C - T	421	- 1091	J - H	2403	- 735
T - N	443	- 82	H - I	520	- 1485

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.

Loading
BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-3-4 to 20-4-8.

Purlins
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" oc, all BC @ 24" oc.

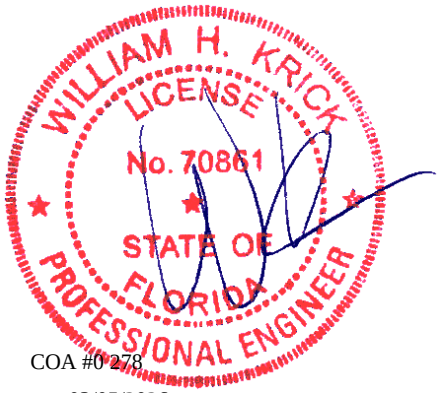
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 9-3-1.



COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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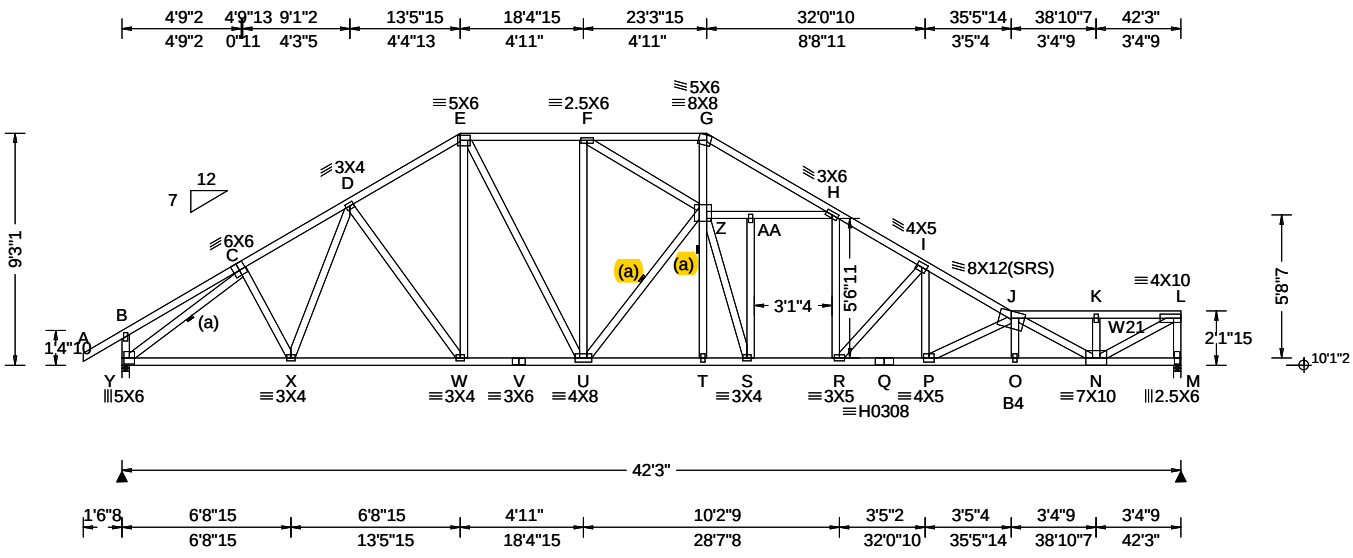
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436543 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A14	Cust: R 215 JRef:1YI52150004 T10 DrwNo: 063.26.1024.28770 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.22 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): 0.301	R	999	240
VERT(CL): 0.610	R	831	180
HORZ(LL): 0.091	E	-	-
HORZ(TL): 0.183	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.471
Max BC CSI: 0.932
Max Web CSI: 0.868

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Y	1930	/-	/-	/1008	/38	/232
M	1871	/-	/-	/964	/56	/-

Wind reactions based on MWFRS
Y Brg Wid = 3.5 Min Req = 2.3 (Truss)
M Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings Y & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	759	- 2465	H - I	1074	- 3582
D - E	805	- 2291	I - J	1306	- 4541
E - F	832	- 2186	J - K	978	- 3152
F - G	392	- 1069	K - L	977	- 3152
G - H	400	- 1304			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Y - X	1996	- 550	S - R	3012	- 781
X - W	2065	- 541	R - Q	3825	- 1062
W - V	1915	- 465	Q - P	3825	- 1062
V - U	1915	- 465	P - O	5730	- 1687
U - T	2880	- 760	O - N	5731	- 1683
T - S	2882	- 762			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Y - C	632	- 2522	AA- H	670	- 2048
E - W	380	- 52	H - R	1024	- 263
E - U	641	- 199	R - I	416	- 1189
U - F	545	- 33	I - P	1145	- 322
U - Z	321	- 1198	P - J	697	- 2114
F - Z	526	- 1430	J - N	805	- 2943
Z - S	461	- 66	N - L	3588	- 1112
Z -AA	668	- 2043	L - M	609	- 1832

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B4 2x4 SP M-31;
Webs: 2x4 SP #3; W21 2x4 SP #2;

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

Plating Notes
All plates are 2X4 except as noted.

Loading
BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 25-2-12 to 28-4-0.

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 9-3-1.

COA #0278
Florida Certificate of Product Approval #FL 1999
03/05/2026

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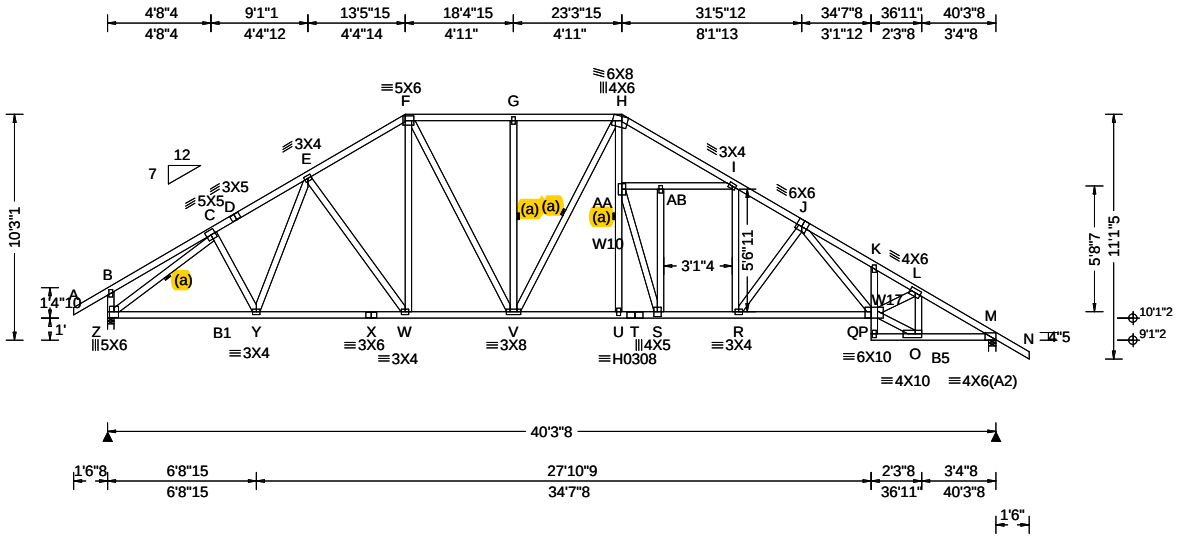
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436544 SPEC FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A15		Cust: R 215 JRef:1YI52150004 T47 DrwNo: 063.26.1027.10713 KD / WHK 03/04/2026	



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): 0.490 I 982 240
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.849 I 567 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.132 M - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.245 M - -
NCBCLL: 10.00	Mean Height: 15.40 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.806
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.999
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.772
	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: 24.02.00D.0611.08
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Z	2030	/-	/-	/968	/12	/335
M	2042	/-	/-	/1021	/16	/-

Wind reactions based on MWFRS
Z Brg Wid = 3.5 Min Req = 2.4 (Truss)
M Brg Wid = 4.0 Min Req = 2.4 (Truss)
Bearings Z & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	486	-2630	H - I	510	-2537
D - E	505	-2593	I - J	572	-3272
E - F	513	-2423	J - K	848	-5028
F - G	619	-2258	K - L	779	-4975
G - H	619	-2258	L - M	528	-3297

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Z - Y	2126	-211	U - T	2275	-125
Y - X	2194	-161	T - S	2275	-125
X - W	2194	-161	S - R	2733	-234
W - V	2030	-75	R - P	3261	-364
V - U	2231	-112	O - M	2768	-369

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Z - C	373	-2692	AB- I	143	-587
F - W	497	-72	I - R	455	-5
F - V	559	-120	R - J	221	-878
AA- U	192	-433	J - P	1681	-293
AA- H	778	-83	P - O	3130	-414
AA- S	1587	-377	P - L	1760	-206
AA-AB	130	-538	O - L	274	-1758
S -AB	146	-535			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP M-31; B1,B5 2x4 SP #2;
Webs: 2x4 SP #3; W10,W17 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Loading

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

BC attic loading: LL = 25.00 psf; DL = 5.00 psf; from 25-2-12 to 28-4-0.

Purlins

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" oc, all BC @ 24" oc.

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-3-1.

COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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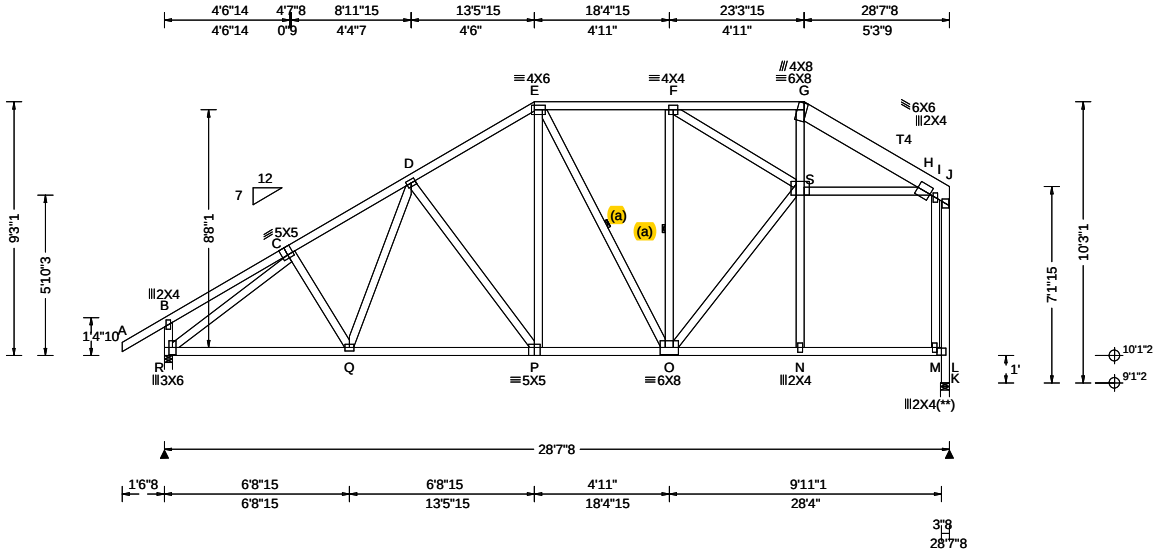
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436545 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A16		Cust: R 215 JRef:1YI52150004 T14 DrwNo: 063.26.1027.20800 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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	F	999	240
VERT(CL): 0.166	F	999	180
HORZ(LL): 0.049	I	-	-
HORZ(TL): 0.100	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.436
Max BC CSI: 0.658
Max Web CSI: 0.963

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	1291	/-	/-	/716	/79	/220
K	1188	/-	/-	/613	/99	/-

Wind reactions based on MWFRS
R Brg Wid = 3.5 Min Req = 1.5 (Truss)
K Brg Wid = 4.0 Min Req = 1.5 (Support)
Bearings R & 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	511	-1471	G - H	948	-2187
D - E	531	-1176	H - I	254	-549
E - F	500	-874	I - J	162	-449
F - G	891	-1895			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1207	-506	P - O	952	-381
Q - P	1160	-466			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
R - C	392	-1527	S - G	640	-216
E - P	430	-59	S - H	1914	-777
O - F	532	-897	L - K	484	-1187
O - S	1453	-633	L - J	328	-923
F - S	1173	-444			

Lumber
Top chord: 2x4 SP #2; T4 2x8 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 9-3-1.

COA #0278
03/05/2026
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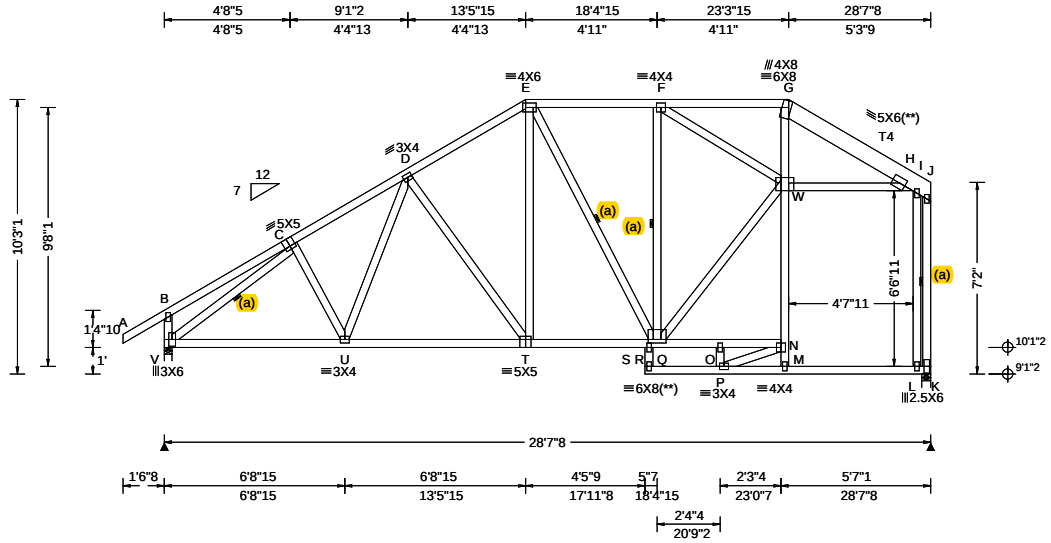
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436546 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A17	Cust: R 215 JRef:1YI52150004 T23 DrwNo: 063.26.1027.29507 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.094	F	999	240
VERT(CL): 0.186	F	999	180
HORZ(LL): 0.065	J	-	-
HORZ(TL): 0.128	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.453
Max BC CSI: 0.659
Max Web CSI: 0.686

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
V	1325	/-	/-	/720	/79	/220
K	1427	/-	/-	/616	/95	/-

Wind reactions based on MWFRS
V Brg Wid = 3.5 Min Req = 1.6 (Truss)
K Brg Wid = 4.0 Min Req = 1.7 (Truss)
Bearings V & 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.
C - D	520	- 1524	G - H	948	- 2444
D - E	536	- 1234	H - I	259	- 625
E - F	505	- 942	I - J	203	- 721
F - G	892	- 2132			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	1257	- 509	T - R	1003	- 385
U - T	1204	- 467	R - Q	1009	- 384

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
V - C	392	- 1580	F - W	1369	- 439
E - T	434	- 59	W - G	755	- 213
Q - F	529	- 992	W - H	2126	- 770
Q - W	1508	- 625	J - K	398	- 1432

Lumber

Top chord: 2x4 SP #2; T4 2x8 SP 2400f-2.0E;
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.

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

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 23-3-15 to 27-11-10.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

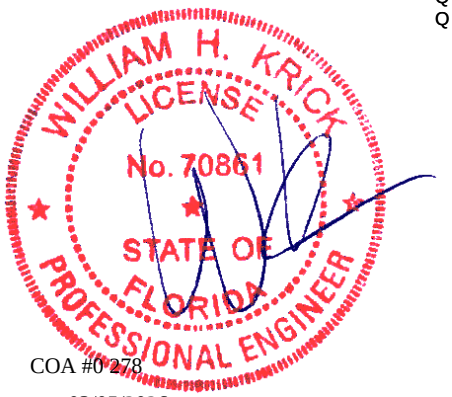
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-3-1.

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



COA #0278
03/05/2026
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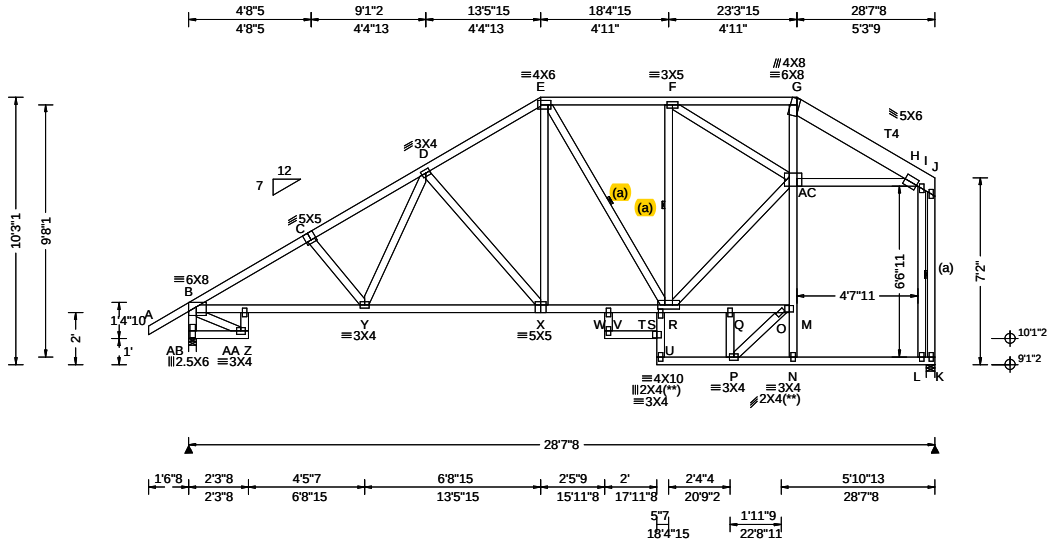
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436547 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A18		Cust: R 215 JRef:1YI52150004 T9 DrwNo: 063.26.1027.34690 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.14 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): 0.116	W	999	240
VERT(CL): 0.192	W	999	180
HORZ(LL): 0.089	J	-	-
HORZ(TL): 0.147	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.454
Max BC CSI: 0.675
Max Web CSI: 0.580

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AB	1325	/-	/-	/720	/-	/276
K	1426	/-	/-	/635	/-	/-

Wind reactions based on MWFRS
AB Brg Wid = 3.5 Min Req = 1.6 (Truss)
K Brg Wid = 4.0 Min Req = 1.7 (Truss)
Bearings AB & 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	388	- 2056	F - G	465	- 2095
C - D	394	- 1878	G - H	377	- 2401
D - E	311	- 1381	H - I	130	- 625
E - F	355	- 1059	I - J	86	- 718

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AA	1712	- 456	X - V	1130	- 185
AA- Y	1713	- 450	V - S	1131	- 185
Y - X	1426	- 323	S - R	1131	- 186

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B -AB	282	- 1303	R -AC	1523	- 215
Y - D	390	- 98	F -AC	1194	- 128
D - X	214	- 460	AC- G	712	- 35
E - X	492	- 94	AC- H	2090	- 259
R - F	132	- 911	J - K	167	- 1426

Lumber

Top chord: 2x4 SP #2; T4 2x8 SP 2400f-2.0E;
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.

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

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 23-3-15 to 27-11-10.

Purlins

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" oc, all BC @ 24" oc.

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-3-1.

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

COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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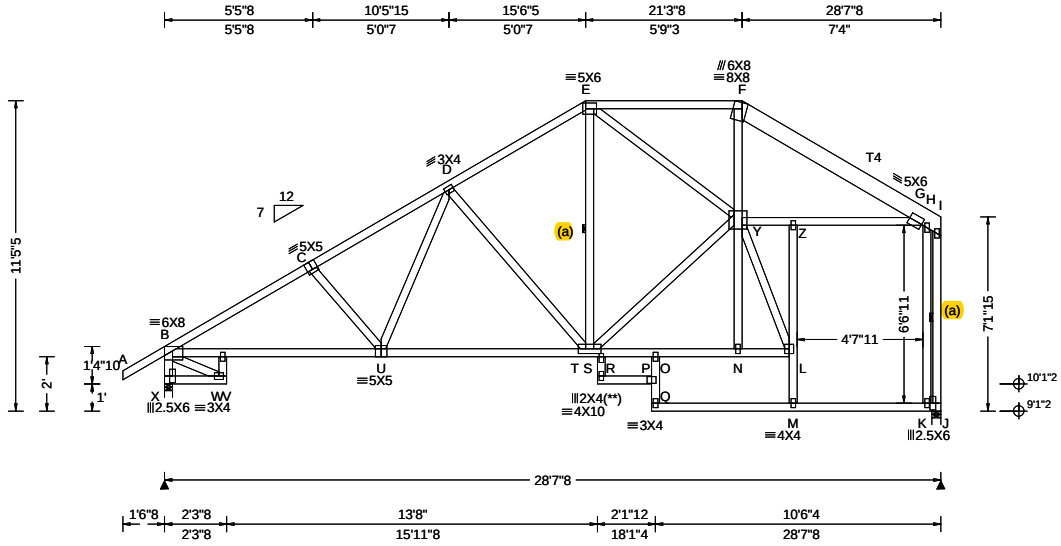
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436548 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A19		Cust: R 215 JRef:1YI52150004 T49 DrwNo: 063.26.1027.41710 KD / WHK 03/04/2026	



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): 0.150 Z 999 240
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.197 V 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.114 I - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.163 I - -
NCBCLL: 10.00	Mean Height: 15.56 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.465
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.831
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.693
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 24.02.00D.0611.08
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	1325	/-	/-	/721	/56	/253
J	1427	/-	/-	/625	/56	/-

Wind reactions based on MWFRS
X Brg Wid = 3.5 Min Req = 1.6 (Truss)
J Brg Wid = 4.0 Min Req = 1.7 (Truss)
Bearings X & 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	559	- 2022	F - G	654	- 2089
C - D	561	- 1805	G - H	218	- 626
D - E	481	- 1222	H - I	160	- 705
E - F	647	- 1783			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	1674	- 596	U - T	1337	- 443
W - U	1676	- 590			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - X	377	- 1303	Y - F	544	- 12
U - D	456	- 97	Y - Z	1773	- 481
D - T	220	- 555	Z - G	1777	- 481
E - Y	998	- 235	I - J	313	- 1400
T - Y	1339	- 347			

Lumber

Top chord: 2x4 SP #2; T4 2x8 SP 2400f-2.0E;
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.

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

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 23-3-15 to 27-11-10.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

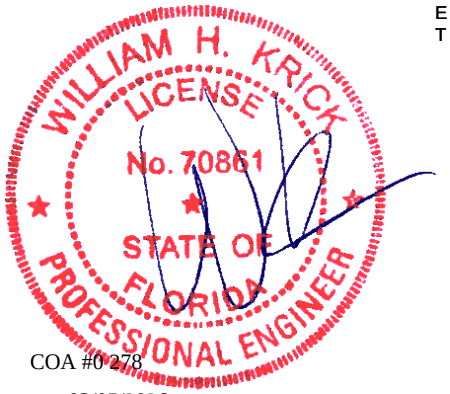
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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

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



COA #0278
03/05/2026
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

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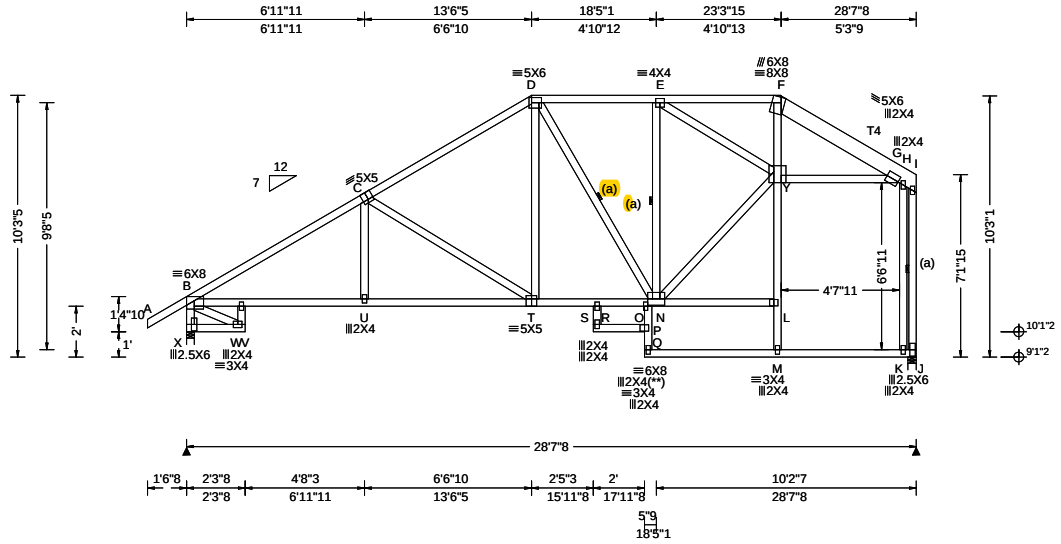
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436549 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A20	Cust: R 215 JRef:1YI52150004 T48 DrwNo: 063.26.1027.47333 KD / WHK 03/04/2026		



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.100	E	999	240
VERT(CL): 0.197	E	999	180
HORZ(LL): 0.082	I	-	-
HORZ(TL): 0.163	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.848
Max BC CSI: 0.681
Max Web CSI: 0.703

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	1325	/-	/-	/720	/79	/221
J	1426	/-	/-	/615	/95	/-

Wind reactions based on MWFRS
X Brg Wid = 3.5 Min Req = 1.6 (Truss)
J Brg Wid = 4.0 Min Req = 1.7 (Truss)
Bearings X & 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	629	-1984	F - G	948	-2464
C - D	579	-1426	G - H	258	-625
D - E	552	-1054	H - I	203	-718
E - F	893	-2148			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	1626	-638	T - R	1133	-433
W - U	1627	-632	R - O	1134	-434
U - T	1625	-633	O - N	1134	-436

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - X	419	-1303	E - Y	1255	-386
C - T	240	-597	Y - F	739	-213
D - T	481	-60	Y - G	2142	-769
N - E	491	-914	I - J	399	-1425
N - Y	1530	-636			

Lumber
Top chord: 2x4 SP #2; T4 2x8 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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

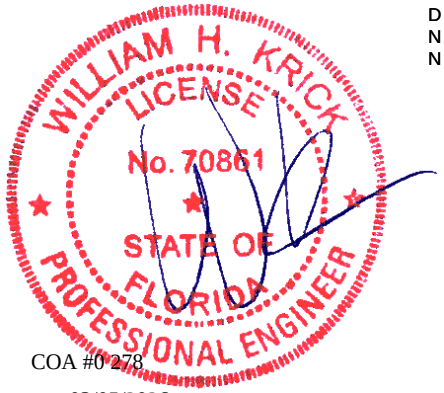
Plating Notes
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Loading
BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 23-3-15 to 27-11-10.

Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

Additional Notes
The overall height of this truss excluding overhang is 9-3-5.



COA #0278
Florida Certificate of Product Approval #FL 1999
03/05/2026

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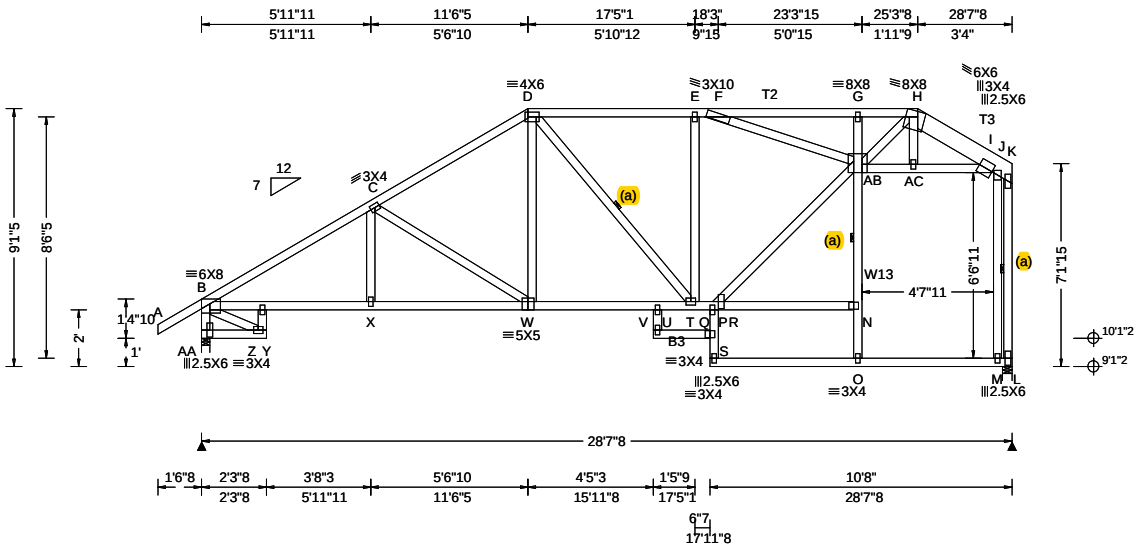
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436550 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A21		Cust: R 215 JRef:1YI52150004 T20 DrwNo: 063.26.1027.52457 KD / WHK 03/04/2026	



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):	0.266 F	999	240	
BCLL:	0.00	Enclosure: Enclosed	Lu: NA	Cs: NA	VERT(CL):	0.524 F	655	180	
BCDL:	10.00	Risk Category: II	Snow Duration: NA		HORZ(LL):	0.160 K	-	-	
Des Ld:	40.00	EXP: C Kzt: NA			HORZ(TL):	0.316 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:	0.558			
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014		Max BC CSI:	0.730			
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes		Max Web CSI:	0.968			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)						
		Loc. from endwall: not in 9.00 ft	Plate Type(s):		VIEW Ver: 24.02.00D.0611.08				
		GCpi: 0.18	WAVE						
		Wind Duration: 1.60							

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AA	1325	/-	/-	/714	/103	/190
L	1427	/-	/-	/611	/141	/-

Wind reactions based on MWFRS
AA Brg Wid = 3.5 Min Req = 1.6 (Truss)
L Brg Wid = 4.0 Min Req = 1.7 (Truss)
Bearings AA & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	721	- 2015	G - H	1569	- 3391
C - D	682	- 1581	H - I	1024	- 2271
D - E	664	- 1256	I - J	291	- 611
E - F	677	- 1279	J - K	273	- 792
F - G	1518	- 3280			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Z	1663	- 728	U - T	1341	- 582
Z - X	1664	- 722	T - Q	1339	- 620
X - W	1663	- 723	Q - P	1328	- 619
W - U	1281	- 557			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B -AA	464	- 1303	AB-AC	2042	- 877
C - W	199	- 462	AB- H	1717	- 779
D - W	501	- 98	AC- H	180	- 413
T - E	650	- 1072	AC- I	2072	- 891
P -AB	1734	- 816	K - L	538	- 1572
F -AB	2125	- 892			

Lumber

Top chord: 2x4 SP #2; T2 2x4 SP M-31;
T3 2x8 SP 2400f-2.0E;
Bot chord: 2x4 SP #2; B3 2x4 SP M-31;
Webs: 2x4 SP #3; W13 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 23-3-15 to 27-11-10.

Purlins

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

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

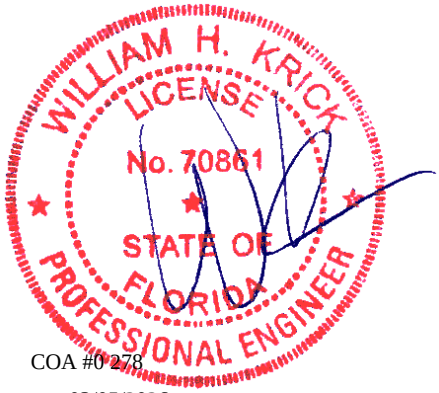
End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 8-1-5.

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



COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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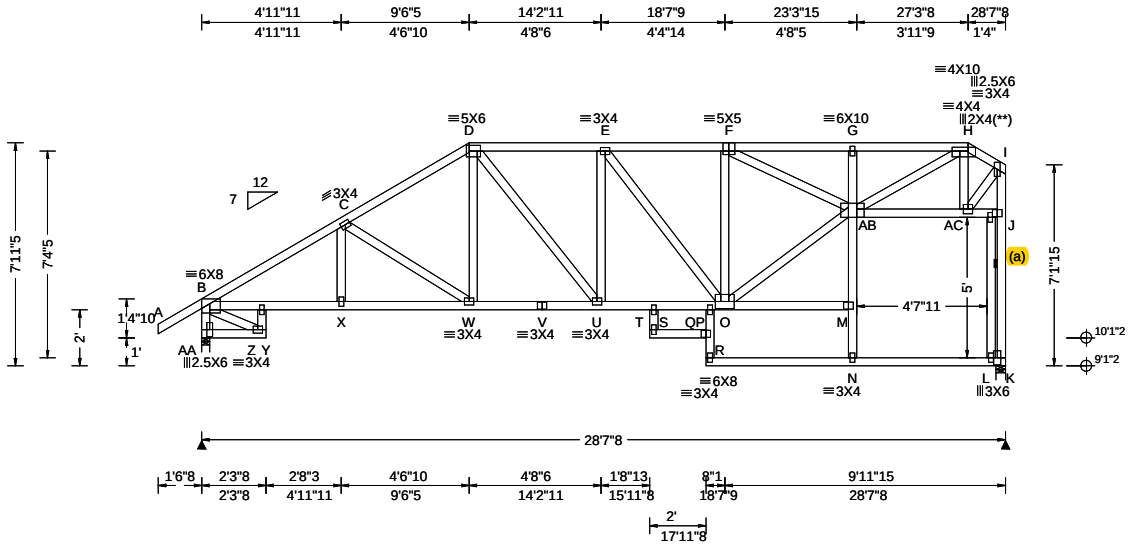
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436551 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A22		Cust: R 215 JRef:1YI52150004 T50 DrwNo: 063.26.1027.57510 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.118	T	999	240
VERT(CL): 0.231	T	999	180
HORZ(LL): 0.055	AC	-	-
HORZ(TL): 0.109	AC	-	-

Creep Factor: 2.0
Max TC CSI: 0.410
Max BC CSI: 0.448
Max Web CSI: 0.851

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AA	1325	/-	/-	/704	/212	/196
K	1422	/-	/-	/610	/236	/-

Wind reactions based on MWFRS
AA Brg Wid = 3.5 Min Req = 1.6 (Truss)
K Brg Wid = 4.0 Min Req = 1.7 (Truss)
Bearings AA & 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	821	- 2051	F - G	1323	- 2703
C - D	775	- 1698	G - H	1335	- 2728
D - E	825	- 1587	H - I	408	- 871
E - F	770	- 1469			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Z	1703	- 828	V - U	1401	- 679
Z - X	1704	- 822	U - S	1593	- 808
X - W	1703	- 822	S - P	1592	- 805
W - V	1401	- 679	P - O	1593	- 807

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B -AA	508	- 1302	AB-AC	740	- 343
O - F	519	- 883	H -AC	465	- 823
O -AB	1836	- 925	AC- I	1210	- 563
F -AB	1351	- 602	J - I	625	- 1361
AB- H	2235	- 1078	J - K	590	- 1515

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

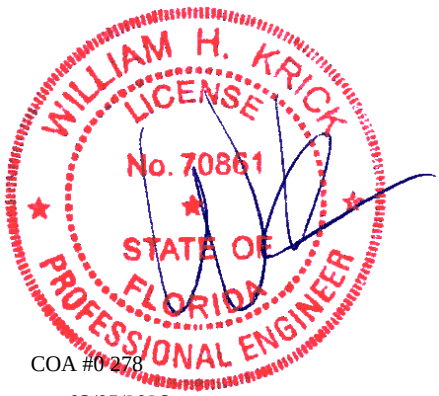
Loading
BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 23-3-15 to 27-11-10.

Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

Additional Notes
The overall height of this truss excluding overhang is 6-11-5.

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



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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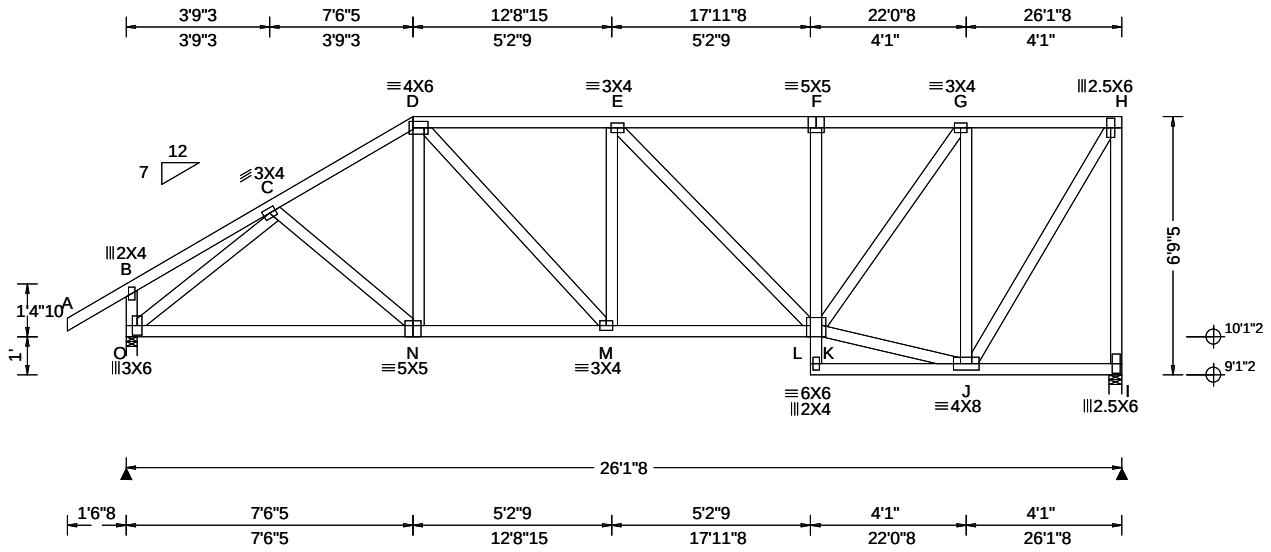
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436552 HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A23		Cust: R 215 JRef:1YI52150004 T45 DrwNo: 063.26.1028.01667 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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):	0.054	M	999	240
VERT(CL):	0.108	E	999	180
HORZ(LL):	0.025	J	-	-
HORZ(TL):	0.050	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.459
Max BC CSI: 0.630
Max Web CSI: 0.859

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1194	/-	/-	/634	/197	/180
I	1083	/-	/-	/559	/220	/-

Wind reactions based on MWFRS
O Brg Wid = 3.5 Min Req = 1.5
I Brg Wid = 4.0 Min Req = 1.5
Bearings O & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	645	-1315	F - G	664	-1141
D - E	760	-1314	G - H	347	-592
E - F	666	-1145			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	1036	-599	M - K	1324	-774
N - M	1087	-595			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - C	535	-1338	G - J	704	-1019
K - G	909	-536	J - H	1110	-651
K - J	622	-362	H - I	661	-1050

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

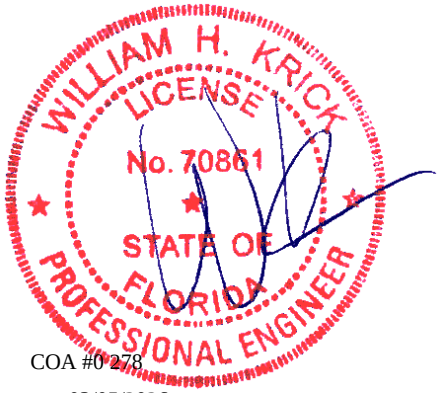
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5-9-5.



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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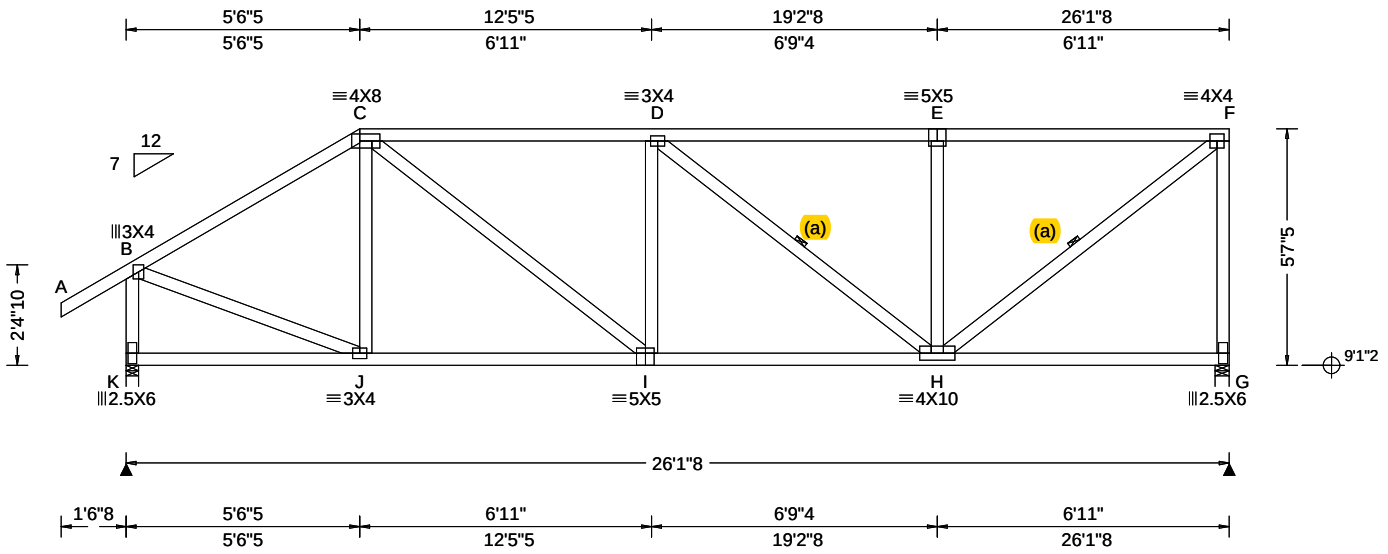
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 436553 HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A24		Cust: R 215 JRef:1YI52150004 T46 DrwNo: 063.26.1030.34583 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.053	D	999	240
VERT(CL): 0.108	D	999	180
HORZ(LL): 0.016	C	-	-
HORZ(TL): 0.033	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.818
Max BC CSI: 0.723
Max Web CSI: 0.574

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	1194	/-	/-	/613	/202	/139
G	1083	/-	/-	/549	/219	/-

Wind reactions based on MWFRS
K Brg Wid = 3.5 Min Req = 1.5
G Brg Wid = 4.0 Min Req = 1.5
Bearings 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.
B - C	589	- 1158	D - E	659	- 1105
C - D	825	- 1368	E - F	659	- 1105

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	932	- 560	I - H	1379	- 839

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - K	580	- 1150	H - F	1395	- 831
B - J	984	- 417	E - H	465	- 475
C - I	554	- 336	F - G	684	- 1027

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.

Additional Notes

The overall height of this truss excluding overhang is 5-7-5.

COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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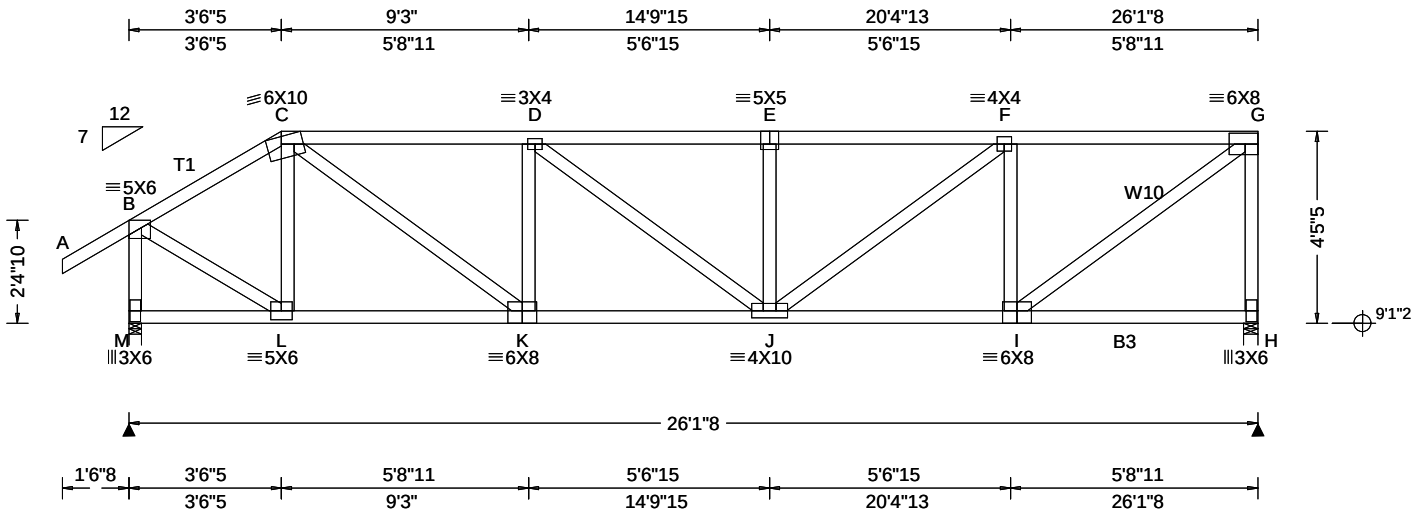
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436589 HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** A25		Cust: R 215 JRef:1YI52150004 T44 DrwNo: 063.26.1024.55097 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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): 0.148	E	999	240
VERT(CL): 0.298	E	999	180
HORZ(LL): 0.042	C	-	-
HORZ(TL): 0.084	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.657
Max BC CSI: 0.677
Max Web CSI: 0.907

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	2606	/-	/-	/-	/622	/-
H	2710	/-	/-	/-	/674	/-

Wind reactions based on MWFRS
M Brg Wid = 3.5 Min Req = 2.2 (Truss)
H Brg Wid = 4.0 Min Req = 3.2 (Truss)
Bearings M & 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	575	- 2425	E - F	1026	- 4177
C - D	950	- 3895	F - G	717	- 2916
D - E	1026	- 4177			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	2054	- 484	J - I	3035	- 760
K - J	3959	- 979			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - M	633	- 2601	E - J	313	- 625
B - L	2381	- 562	J - F	1437	- 334
C - L	361	- 781	F - I	619	- 1700
C - K	2291	- 580	I - G	3635	- 893
K - D	424	- 933	G - H	706	- 2513

Lumber

Top chord: 2x4 SP M-31; T1 2x4 SP #2;
Bot chord: 2x4 SP M-31; B3 2x4 SP #2;
Webs: 2x4 SP #3; W10 2x4 SP #2;

Special Loads

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

TC: From	63 plf at	-1.54 to	63 plf at	3.53
TC: From	32 plf at	3.53 to	32 plf at	26.12
BC: From	5 plf at	-1.54 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	3.56
BC: From	10 plf at	3.56 to	10 plf at	26.12

TC: 237 lb Conc. Load at 3.56
TC: 190 lb Conc. Load at 5.59, 7.59, 9.59,11.59 13.59,15.59,17.59,19.59,21.59,23.59,25.59
BC: 228 lb Conc. Load at 3.56
BC: 130 lb Conc. Load at 5.59, 7.59, 9.59,11.59 13.59,15.59,17.59,19.59,21.59,23.59,25.59

Purlins

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

Wind

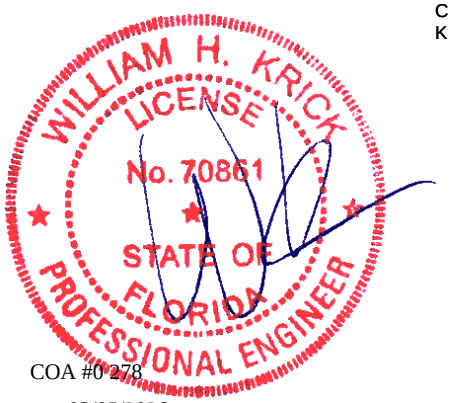
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-5-5.



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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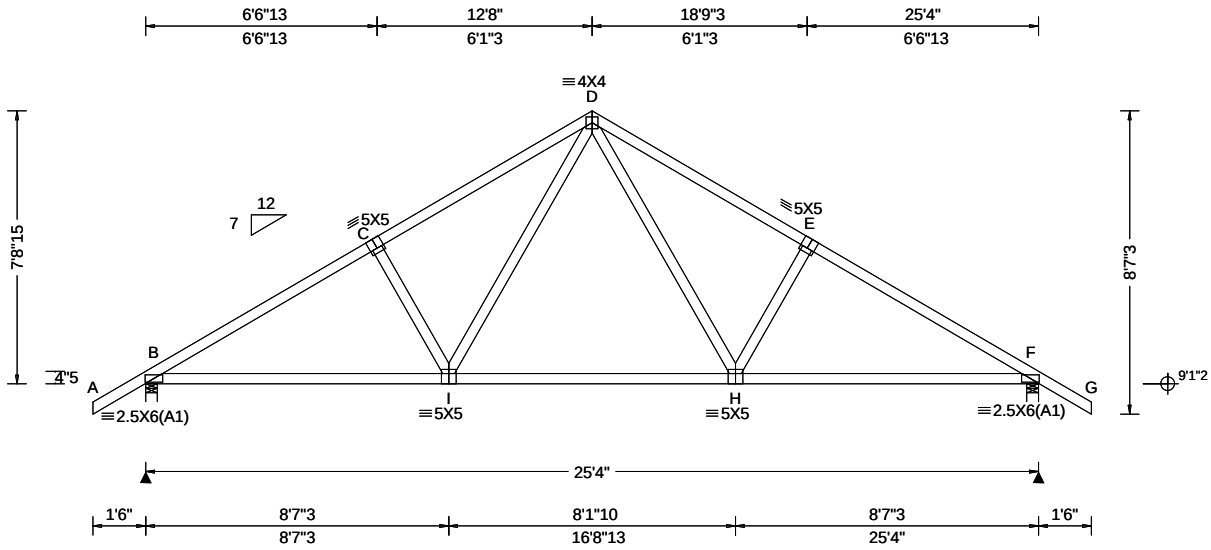
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436554 COMN FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** B01	Cust: R 215 JRef:1YI52150004 T16 DrwNo: 063.26.1024.57170 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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	H	999	240
VERT(CL): 0.123	H	999	180
HORZ(LL): 0.027	F	-	-
HORZ(TL): 0.051	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.494
Max BC CSI: 0.804
Max Web CSI: 0.241

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1231	/-	/-	/612	/199	/191
F	1231	/-	/-	/612	/199	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5
F Brg Wid = 4.0 Min Req = 1.5
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	460	-1770	D - E	503	-1585
C - D	503	-1585	E - F	460	-1770

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - I	1447	-253	H - F	1447	-259
I - H	979	-52			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - D	633	-168	D - H	633	-168

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.

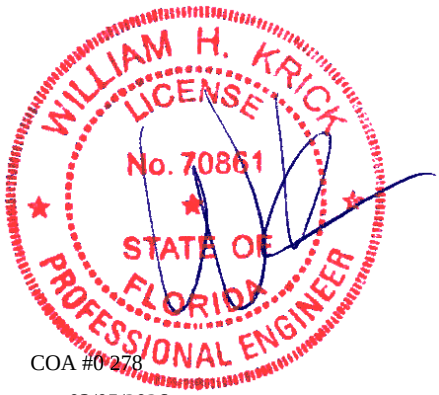
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-8-15.



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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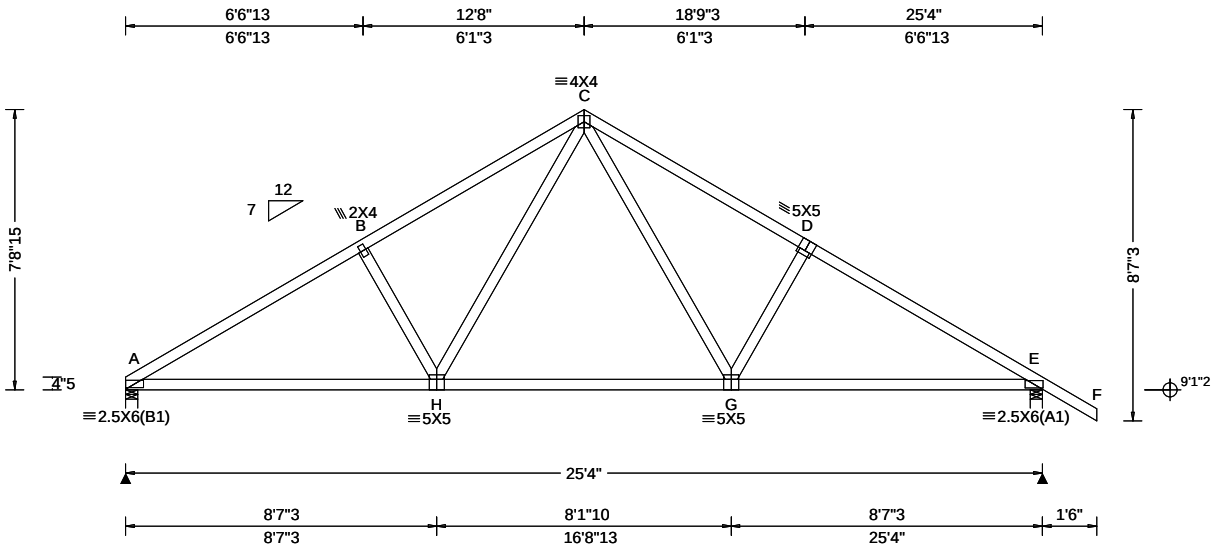
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436555 COMN FROM: CDM	Ply: 1 Qty: 6	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** B02	Cust: R 215 JRef:1YI52150004 T18 DrwNo: 063.26.1024.58613 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.096	G	999	240
VERT(CL): 0.122	G	999	180
HORZ(LL): 0.040	E	-	-
HORZ(TL): 0.051	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.545
Max BC CSI: 0.833
Max Web CSI: 0.249

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1126	/-	/-	/606	/173	/207
E	1235	/-	/-	/612	/201	/-

Wind reactions based on MWFRS
A Brg Wid = 4.0 Min Req = 1.5
E Brg Wid = 4.0 Min Req = 1.5
Bearings A & E are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	350	- 1790	C - D	374	- 1591
B - C	392	- 1605	D - E	332	- 1777

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	1470	- 180	G - E	1453	- 171
H - G	985	- 18			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - C	654	- 124	C - G	632	- 111

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.

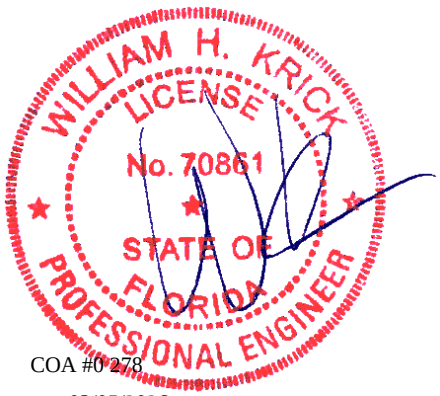
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-8-15.



COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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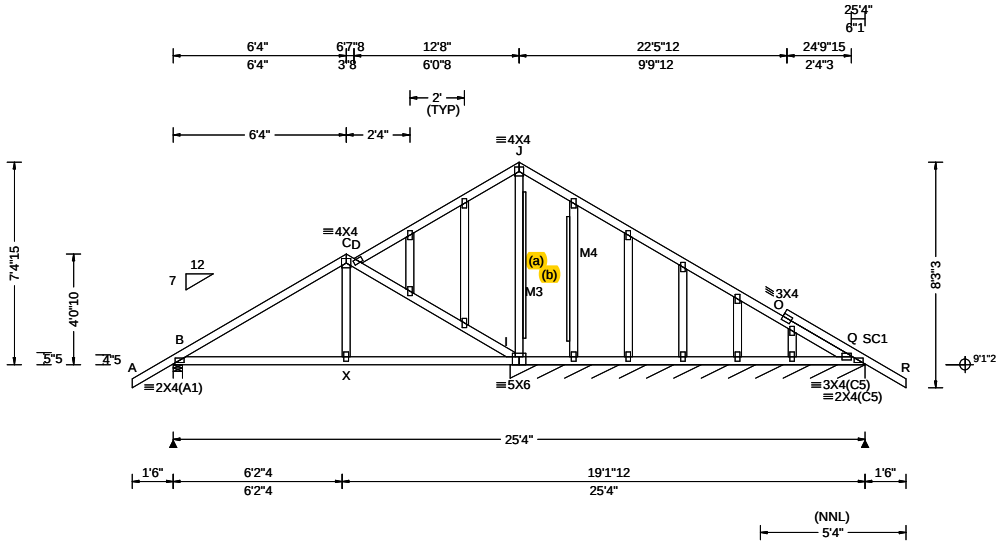
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436593 GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** B03		Cust: R 215 JRef:1YI52150004 T17 DrwNo: 063.26.1025.15433 KD / WHK 03/04/2026	



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): 0.039 G 999 240
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.079 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.021 G - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.044 G - -
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: 0.425
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.445
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.905
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	VIEW Ver: 24.02.00D.0611.08
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	565	/-	/-	/287	/103	/190
Q*	134	/-	/-	/69	/22	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5 (Truss)
Q Brg Wid = 156 Min Req = -
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	154	-512	D - I	278	-606
C - D	162	-393			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - X	393	-83	X - I	393	-83

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; M3 2x4 SP M-31; M4 2x4 SP #2;
Stack Chord: SC1 2x4 SP #2;

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.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/226.

Gable Reinforcement

(a) 1x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(b) 1x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

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).

Additional Notes

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

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 7-4-15.

COA #0 278
Florida Certificate of Product Approval #FL 1999
03/05/2026

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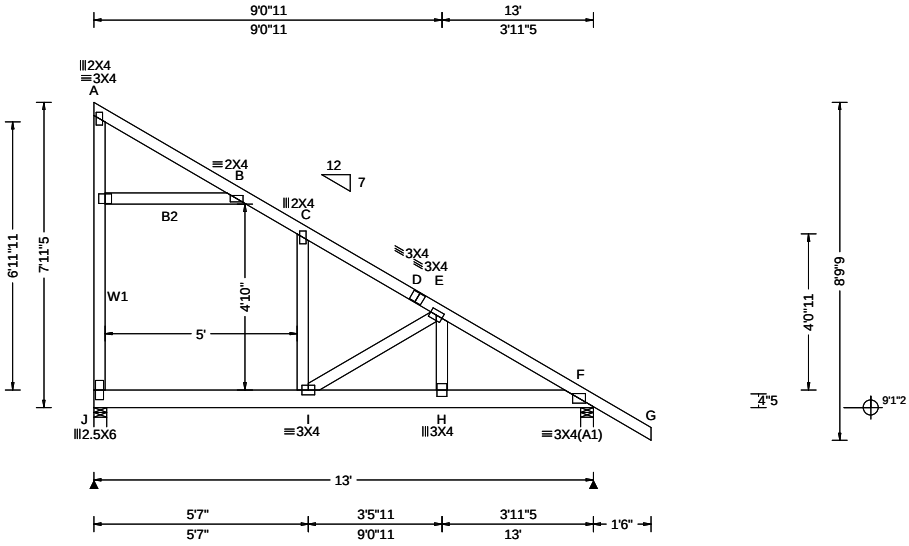
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436557 MONO FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** B04	Cust: R 215 JRef:1YI52150004 T42 DrwNo: 063.26.1025.25037 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.365	C	422	240
VERT(CL): 0.758	C	203	180
HORZ(LL): -0.208	C	-	-
HORZ(TL): 0.431	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.742
Max BC CSI: 0.865
Max Web CSI: 0.672

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	869	/-	/-	/388	/83	/218
F	742	/-	/-	/400	/-	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
E - F	86	-1074

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	874	0	H - F	894	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - E	375	-923	E - H	623	-193

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E; B2 2x4 SP #2;
Webs: 2x4 SP #3; W1 2x4 SP M-31;

Loading

BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 0-3-8 to 5-3-8.

Mechanical Unit Loads Supported by this Truss

At X-Loc	Truss Piece	Unit Lbs.	Unit Width	Supporting Trusses
2.29	BC	150.0	2.67	2

Purlins

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

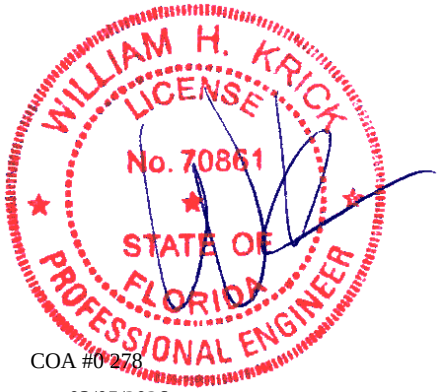
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-11-5.



COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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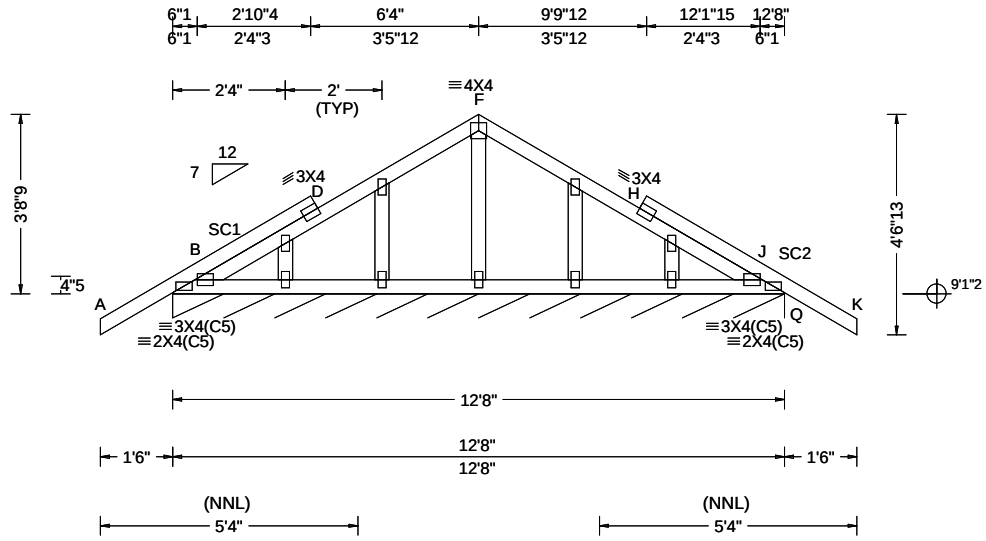
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436558 GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** B05	Cust: R 215 JRef:1YI52150004 T15 DrwNo: 063.26.1025.28273 KD / WHK 03/04/2026	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 D 999 240 VERT(CL): 0.003 D 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.033 Max Web CSI: 0.381 VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Q*	99	/-	/-	/48	/17	/7

Wind reactions based on MWFRS
Q Brg Wid = 152 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/832.

Additional Notes

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

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 3-8-9.

COA #0278

03/05/2026

Florida Certificate of Product Approval #FL 1999

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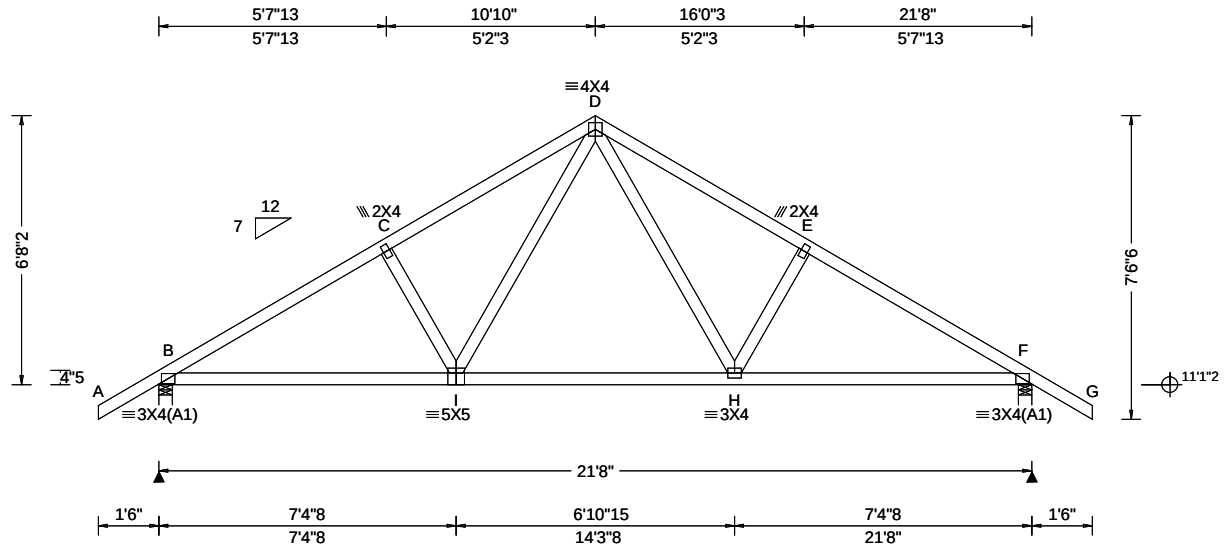
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436559 COMN FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** C01		Cust: R 215 JRef:1YI52150004 T12 DrwNo: 063.26.1025.30560 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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):	0.045	H	999	240
VERT(CL):	0.088	H	999	180
HORZ(LL):	0.019	F	-	-
HORZ(TL):	0.036	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.347
Max BC CSI: 0.608
Max Web CSI: 0.196

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1054	/-	/-	/524	/174	/163
F	1054	/-	/-	/524	/174	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5
F Brg Wid = 4.0 Min Req = 1.5
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	435	-1464	D - E	472	-1308
C - D	472	-1307	E - F	434	-1465

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - I	1193	-235	H - F	1194	-242
I - H	812	-50			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - D	512	-161	D - H	514	-160

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.

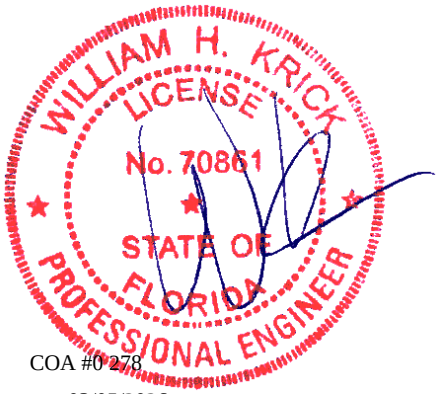
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-8-2.



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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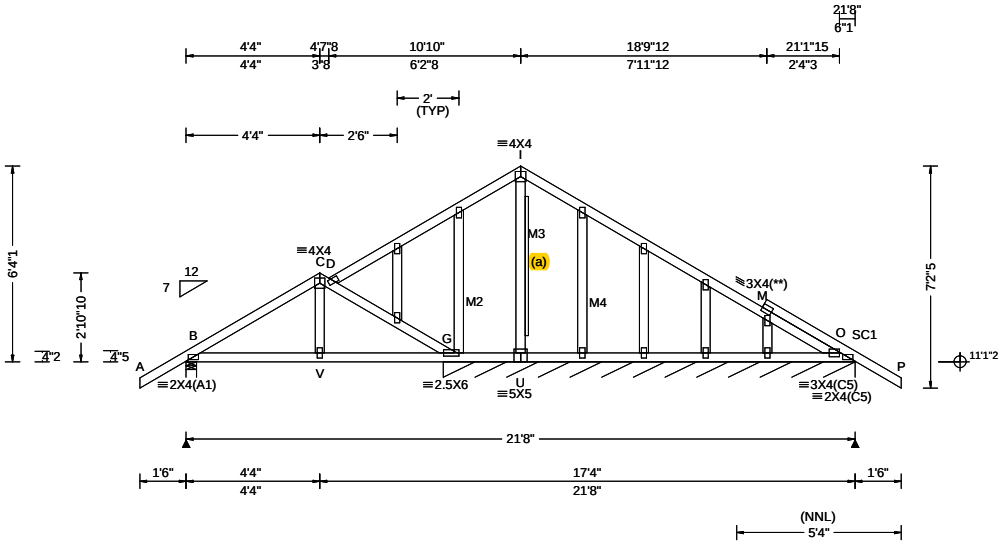
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436597 GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** C02	Cust: R 215 JRef:1YI52150004 T13 DrwNo: 063.26.1025.39747 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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	E	999	240
VERT(CL): 0.019	E	999	180
HORZ(LL): 0.004	E	-	-
HORZ(TL): 0.009	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.236
Max BC CSI: 0.201
Max Web CSI: 0.561

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	428	/-	/-	/199	/73	/163
O*	118	/-	/-	/60	/20	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5 (Truss)
O Brg Wid = 159 Min Req = -
Bearings B & G 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; M2,M3,M4 2x4 SP #2;
Stack Chord: SC1 2x4 SP #2;

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.

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.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/225.

Gable Reinforcement

(a) 1x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

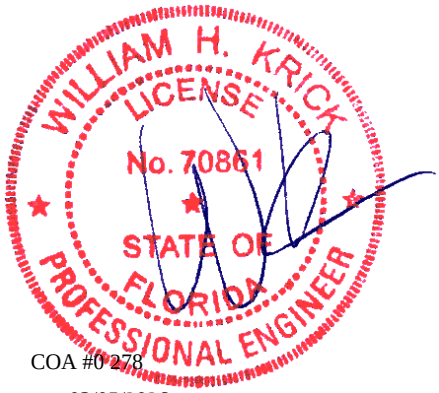
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Additional Notes

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

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 6-4-1.



COA #0278
03/05/2026
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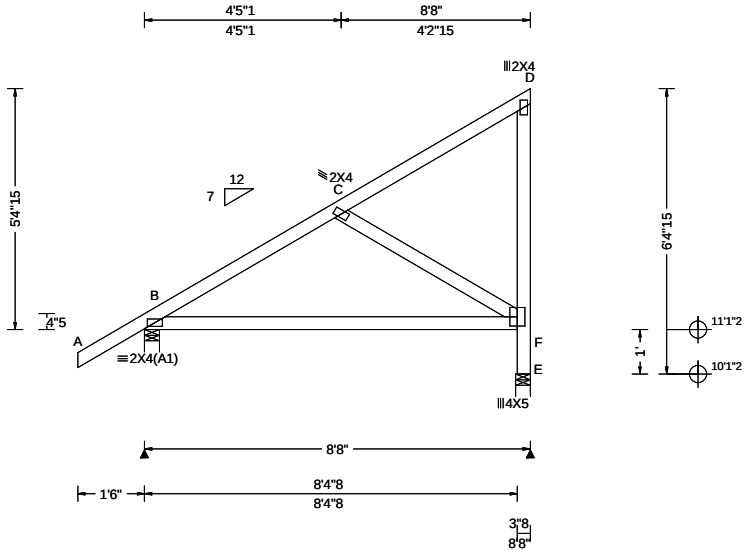
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436561 MONO FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** C03		Cust: R 215 JRef:1YI52150004 T25 DrwNo: 063.26.1025.42147 KD / WHK 03/04/2026	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.007 B 999 240 VERT(CL): 0.024 B 999 180 HORZ(LL): 0.004 B - - HORZ(TL): 0.015 B - - Creep Factor: 2.0 Max TC CSI: 0.333 Max BC CSI: 0.596 Max Web CSI: 0.234 VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	473	/-	/-	/230	/33	/203
E	344	/-	/-	/259	/114	/-

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

Lumber

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

Wind

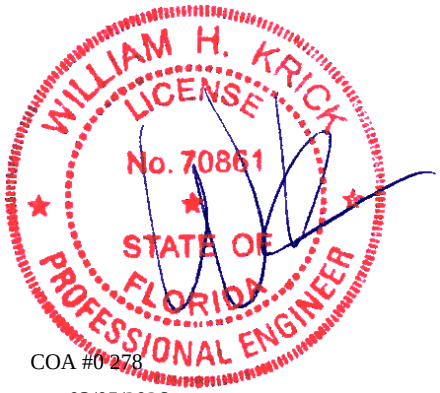
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5-4-15.



COA #0278
03/05/2026
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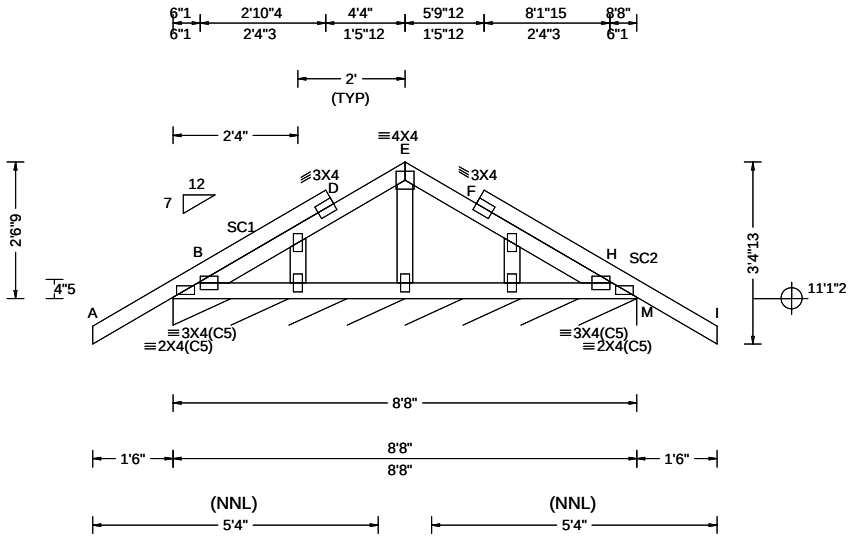
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436562 GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** C04	Cust: R 215 JRef:1YI52150004 T11 DrwNo: 063.26.1025.44517 KD / WHK 03/04/2026



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.002 D 999 240 VERT(CL): 0.004 D 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.311 Max BC CSI: 0.033 Max Web CSI: 0.083 VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M*	107	/-	/-	/49	/18	/7

Wind reactions based on MWFRS
M Brg Wid = 104 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.

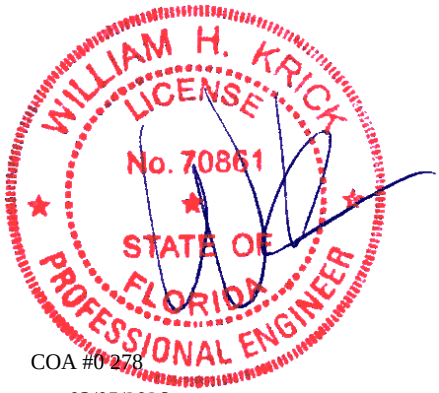
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/999.

Additional Notes

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

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 2-6-9.



COA #0278
03/05/2026
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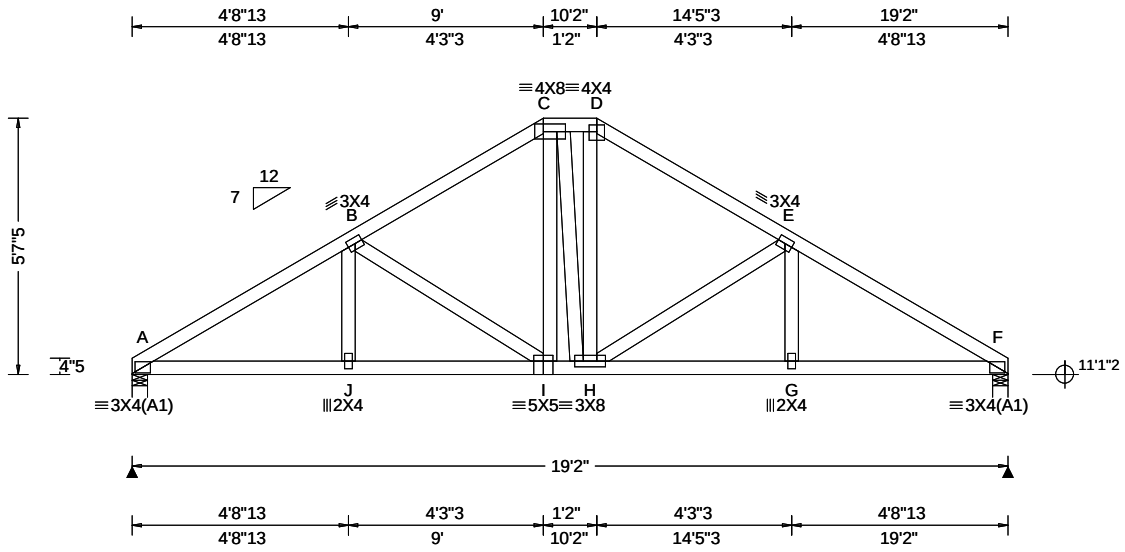
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436563 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** D01		Cust: R 215 JRef:1YI52150004 T4 DrwNo: 063.26.1025.47110 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.061	I	999	180
HORZ(LL): 0.014	F	-	-
HORZ(TL): 0.029	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.267
Max BC CSI: 0.313
Max Web CSI: 0.192

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	797	/-	/-	/459	/132	/135
F	797	/-	/-	/459	/132	/-

Wind reactions based on MWFRS
A Brg Wid = 4.0 Min Req = 1.5
F Brg Wid = 4.0 Min Req = 1.5
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	319	- 1238	D - E	302	- 889
B - C	303	- 894	E - F	319	- 1237
C - D	294	- 711			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - J	1012	- 207	H - G	1009	- 207
J - I	1010	- 208	G - F	1011	- 206
I - H	708	- 92			

Lumber

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

Purlins

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

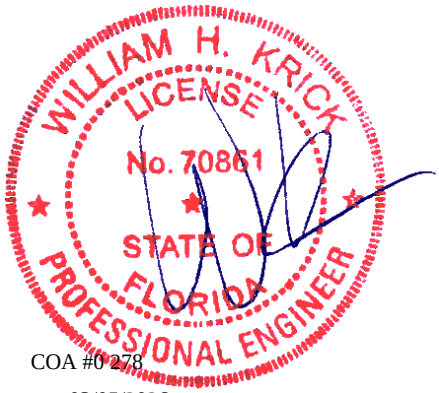
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5-7-5.



COA #0278
03/05/2026
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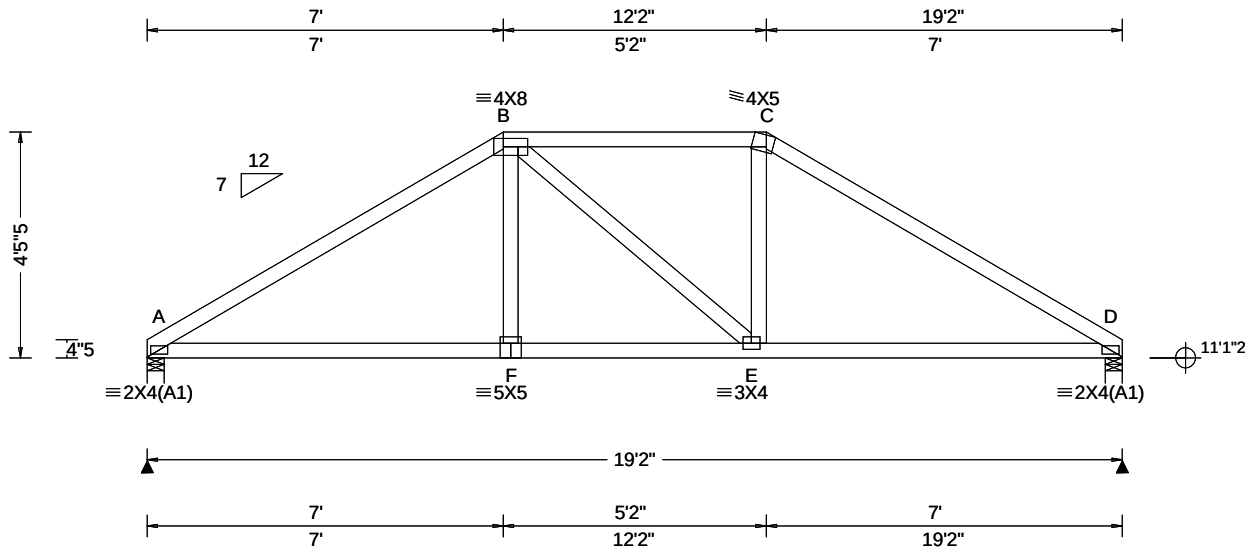
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436564 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** D02		Cust: R 215 JRef:1YI52150004 T1 DrwNo: 063.26.1025.49963 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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	F	999	240
VERT(CL): 0.033	F	999	180
HORZ(LL): 0.018	D	-	-
HORZ(TL): 0.024	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.584
Max BC CSI: 0.510
Max Web CSI: 0.093

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	797	/-	/-	/457	/135	/105
D	797	/-	/-	/457	/135	/-

Wind reactions based on MWFRS
A Brg Wid = 4.0 Min Req = 1.5
D Brg Wid = 4.0 Min Req = 1.5
Bearings A & 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	490	-1129	C - D	490	-1128
B - C	485	-898			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	889	-328	E - D	888	-331
F - E	894	-326			

Lumber

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

Purlins

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

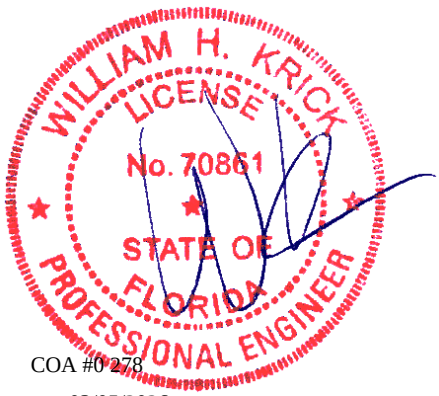
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-5-5.



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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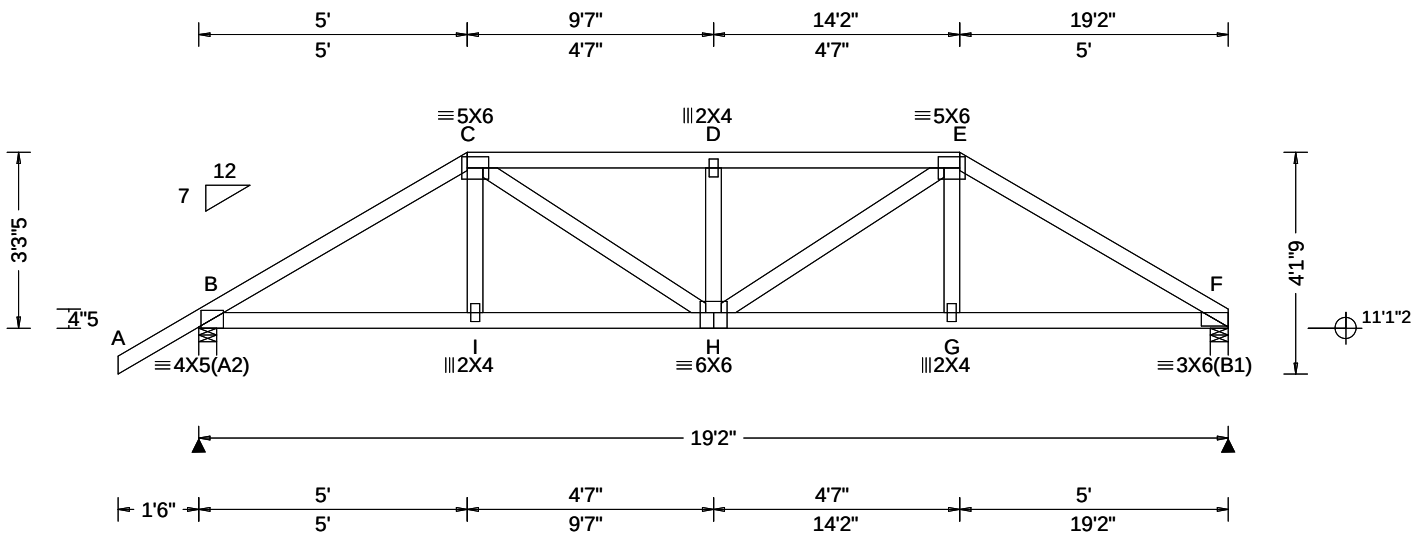
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436580 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** D03		Cust: R 215 JRef:1YI52150004 T30 DrwNo: 063.26.1025.59840 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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): 0.090	D	999	240
VERT(CL): 0.181	D	999	180
HORZ(LL): 0.031	F	-	-
HORZ(TL): 0.064	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.701
Max BC CSI: 0.727
Max Web CSI: 0.296

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1577	/-	/-	/-	/259	/-
F	1469	/-	/-	/-	/223	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.9 (Truss)
F Brg Wid = 4.0 Min Req = 1.7 (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	376	- 2464	D - E	402	- 2722
C - D	402	- 2722	E - F	389	- 2489

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - I	2053	- 299	H - G	2096	- 308
I - H	2068	- 295	G - F	2080	- 311

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - H	778	- 128	H - E	745	- 112
D - H	190	- 522			

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	5.00
TC: From	32 plf at	5.00 to	32 plf at	14.17
TC: From	63 plf at	14.17 to	63 plf at	19.17
BC: From	5 plf at	-1.50 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.03
BC: From	10 plf at	5.03 to	10 plf at	14.14
BC: From	20 plf at	14.14 to	20 plf at	19.17

TC: 206 lb Conc. Load at 5.03
TC: 129 lb Conc. Load at 7.06, 9.06,10.10,12.10
TC: 213 lb Conc. Load at 14.14
BC: 217 lb Conc. Load at 5.03,14.14
BC: 90 lb Conc. Load at 7.06, 9.06,10.10,12.10

Purlins

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

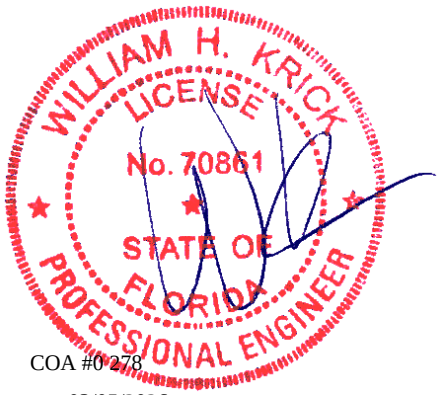
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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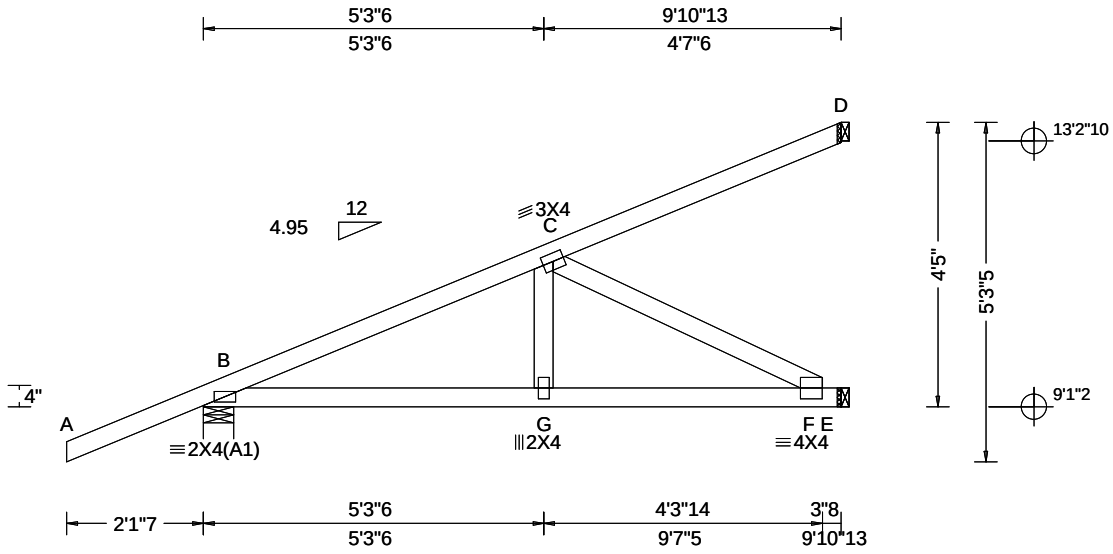
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436576 HIP_ FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** HJ01		Cust: R 215 JRef:1YI52150004 T38 DrwNo: 063.26.1026.07220 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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): 0.024	G	999	240
VERT(CL): 0.039	G	999	180
HORZ(LL): 0.006	F	-	-
HORZ(TL): 0.009	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.598
Max BC CSI: 0.643
Max Web CSI: 0.319

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	372	/-	/-	/-	/99	/-
E	345	/-	/-	/-	/63	/-
D	78	/-	/-	/-	/36	/-

Wind reactions based on MWFRS
B Brg Wid = 5.7 Min Req = 1.5
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	160	- 644

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	595	- 142	G - F	585	- 143

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - F	162	- 662

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

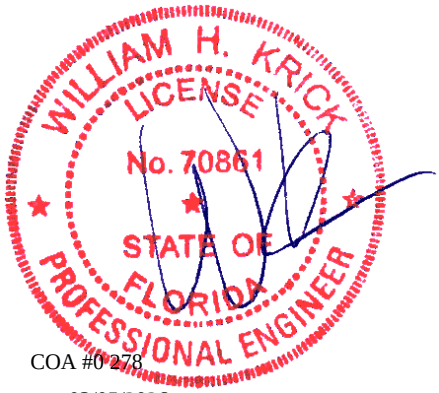
Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	0 plf at	-2.12 to	62 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	9.90
BC: From	0 plf at	-2.12 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	9.90

TC: -18 lb Conc. Load at 1.48
TC: 126 lb Conc. Load at 4.31
TC: 259 lb Conc. Load at 7.13
BC: 9 lb Conc. Load at 1.48
BC: 99 lb Conc. Load at 4.31
BC: 180 lb Conc. Load at 7.13

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

Additional Notes
The overall height of this truss excluding overhang is 4-5-0.



COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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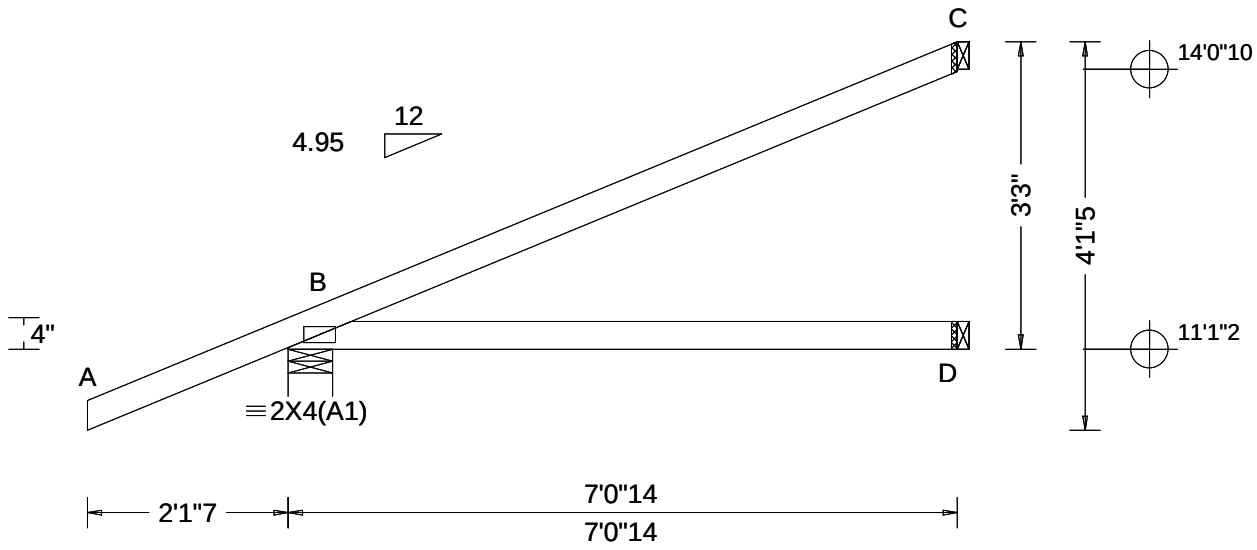
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436577 HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** HJ02	Cust: R 215 JRef:1YI52150004 T8 DrwNo: 063.26.1026.22297 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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):	0.016 B	-	-
HORZ(TL):	0.022 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.562
Max BC CSI: 0.496
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	287	/-	/-	/-	/58	/-
D	127	/-	/-	/7	/-	/-
C	77	/-	/-	/-	/35	/-

Wind reactions based on MWFRS
B Brg Wid = 5.7 Min Req = 1.5
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;

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	7.07
BC: From	0 plf at	-2.12 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	7.07

TC: -18 lb Conc. Load at 1.48
TC: 126 lb Conc. Load at 4.31
BC: 9 lb Conc. Load at 1.48
BC: 99 lb Conc. Load at 4.31

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 3-3-0.

COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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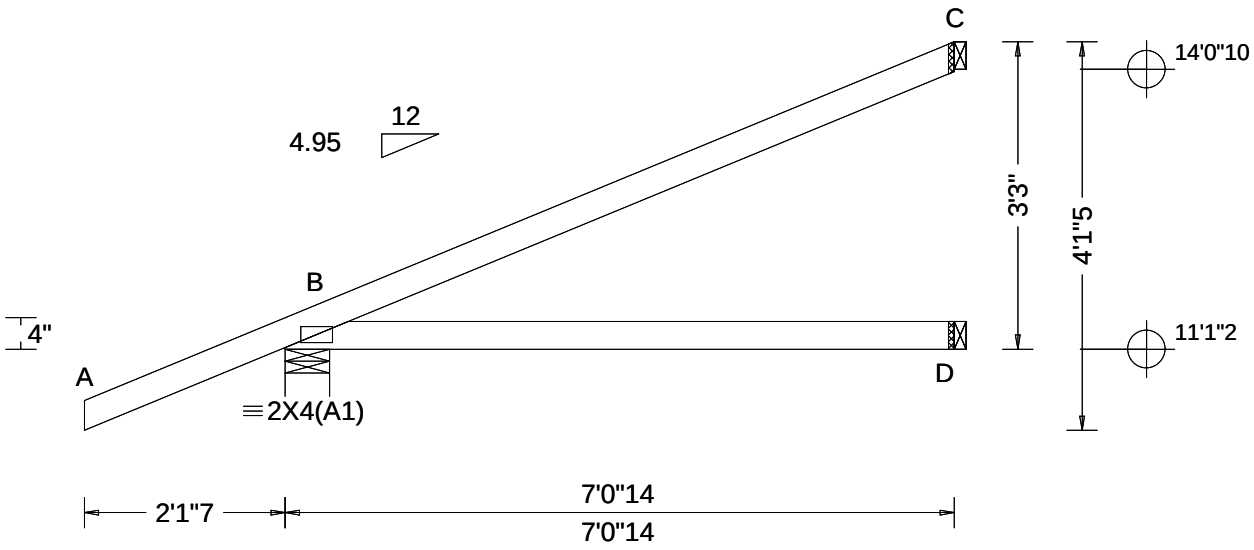
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436578 HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** HJ03	Cust: R 215 JRef:1YI52150004 T29 DrwNo: 063.26.1026.34110 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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):	0.022 B	-	-
HORZ(TL):	0.022 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.642
Max BC CSI: 0.528
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	287	/-	/-	/-	/63	/-
D	127	/-	/-	/4	/-	/-
C	84	/-	/-	/-	/38	/-

Wind reactions based on MWFRS
B Brg Wid = 5.7 Min Req = 1.5
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;

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	7.07
BC: From	0 plf at	-2.12 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	7.07

TC: -18 lb Conc. Load at 1.48
TC: 145 lb Conc. Load at 4.31
BC: 9 lb Conc. Load at 1.48
BC: 105 lb Conc. Load at 4.31

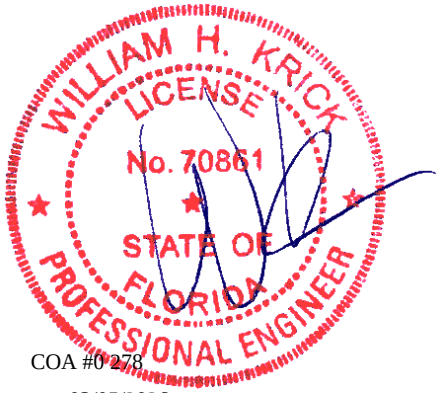
Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 3-3-0.



COA #0278
03/05/2026
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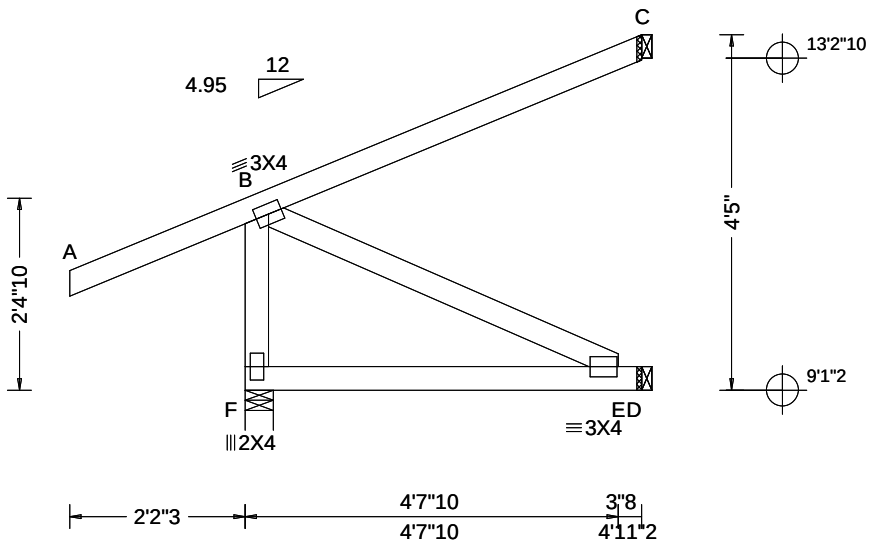
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436587 HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** HJ04	Cust: R 215 JRef:1YI52150004 T31 DrwNo: 063.26.1026.41267 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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): 0.011	E	999	240
VERT(CL): 0.013	E	999	180
HORZ(LL): 0.005	B	-	-
HORZ(TL): 0.006	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.355
Max BC CSI: 0.413
Max Web CSI: 0.084

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	369	/-	/-	/-	/89	/-
D	99	/-	/-	/10	/-	/-
C	48	/-	/-	/-	/23	/-

Wind reactions based on MWFRS
F Brg Wid = 4.2 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;

Special Loads

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

TC: From	0 plf at	-2.18 to	62 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	4.93
BC: From	0 plf at	-2.18 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	4.93

TC: 135 lb Conc. Load at -0.03
TC: 129 lb Conc. Load at 2.16
TC: -1 lb Conc. Load at 2.16
BC: 121 lb Conc. Load at 2.16

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 4-5-0.

COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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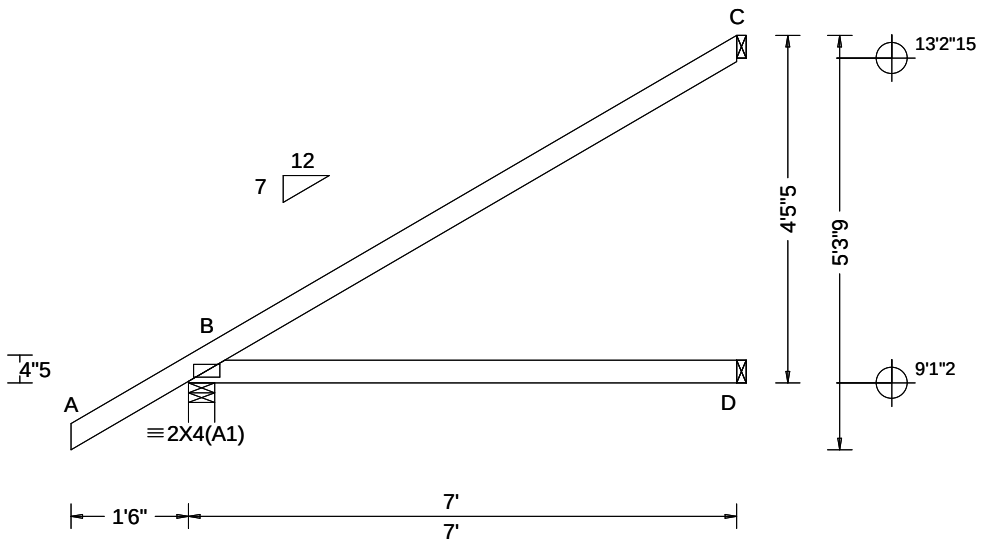
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436565 EJAC FROM: CDM	Ply: 1 Qty: 28	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J01	Cust: R 215 JRef:1YI52150004 T37 DrwNo: 063.26.1026.43140 KD / WHK 03/04/2026



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: Enclosed	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): 0.027 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: 0.707
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.520
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0611.08
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	412	/-	/-	/191	/34	/169
D	130	/-	/-	/79	/-	/-
C	190	/-	/-	/131	/103	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

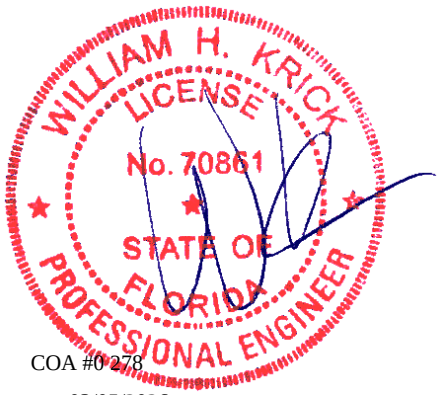
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-5-5.



COA #0278

03/05/2026

Florida Certificate of Product Approval #FL 1999

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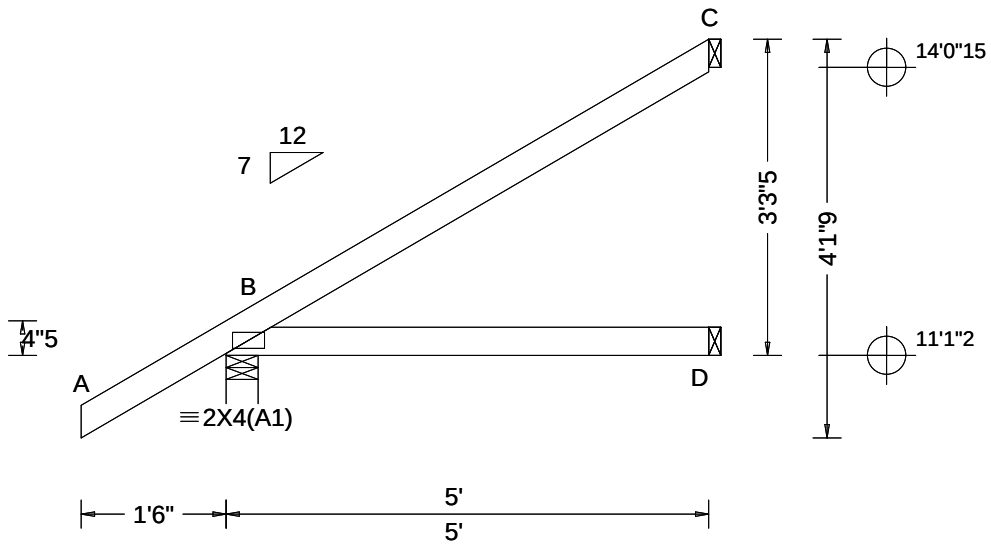
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436566 EJAC FROM: CDM	Ply: 1 Qty: 6	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J02	Cust: R 215 JRef:1YI52150004 T7 DrwNo: 063.26.1026.45433 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.004	B	-	-
HORZ(TL): 0.008	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.357
Max BC CSI: 0.251
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	335	/-	/-	/143	/3	/91
D	90	/-	/-	/56	/-	/-
C	129	/-	/-	/93	/46	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

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

COA #0278
03/05/2026
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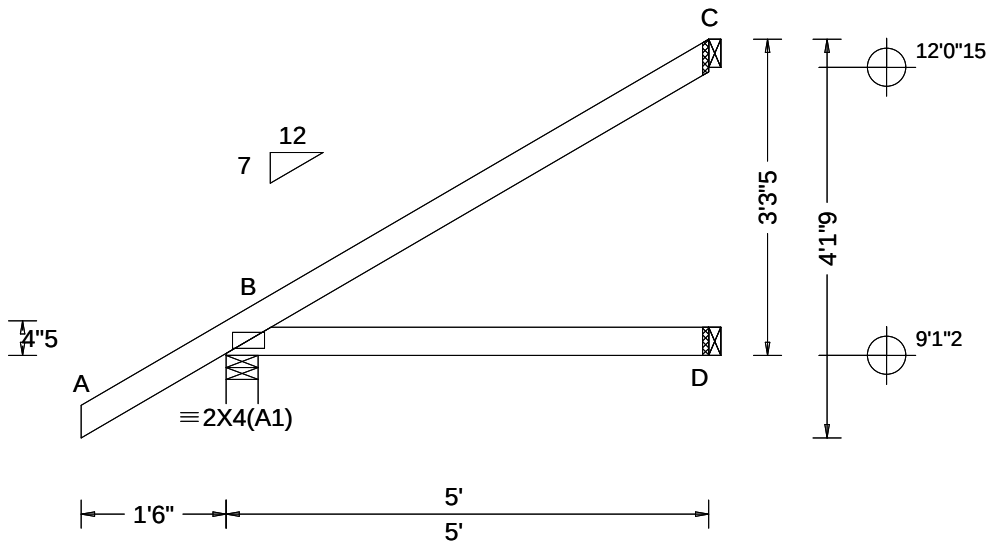
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436567 JACK FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J03	Cust: R 215 JRef:1YI52150004 T36 DrwNo: 063.26.1026.48097 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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): 0.004	B	-	-
HORZ(TL): 0.008	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.392
Max BC CSI: 0.251
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	335	/-	/-	/143	/34	/127
D	90	/-	/-	/56	/-	/-
C	129	/-	/-	/93	/72	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

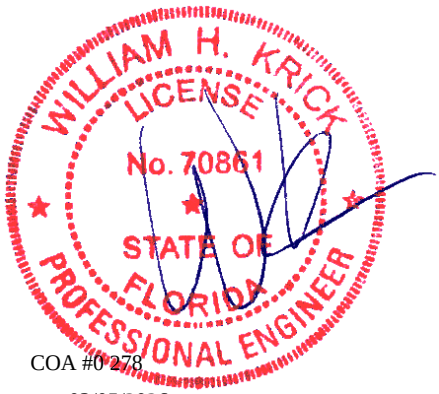
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #0 278
03/05/2026
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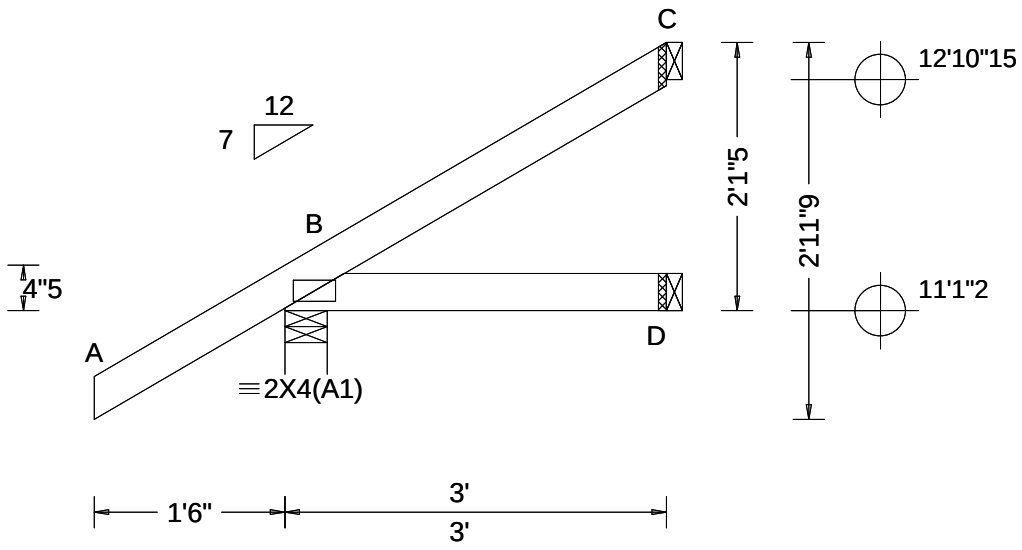
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436568 JACK FROM: CDM	Ply: 1 Qty: 7	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J04	Cust: R 215 JRef:1YI52150004 T5 DrwNo: 063.26.1026.49980 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.279
Max BC CSI: 0.076
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

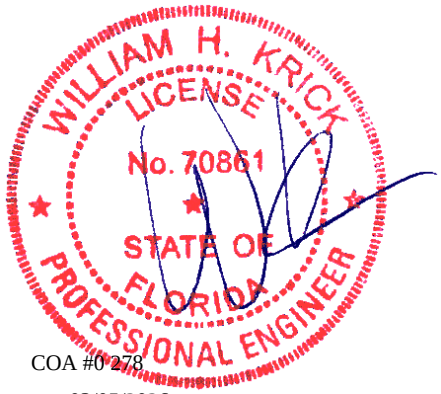
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	265	/-	/-	/103	/36	/86
D	50	/-	/-	/33	/-	/-
C	63	/-	/-	/55	/38	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
The overall height of this truss excluding overhang is 2-1-5.



COA #0 278
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ALPINE
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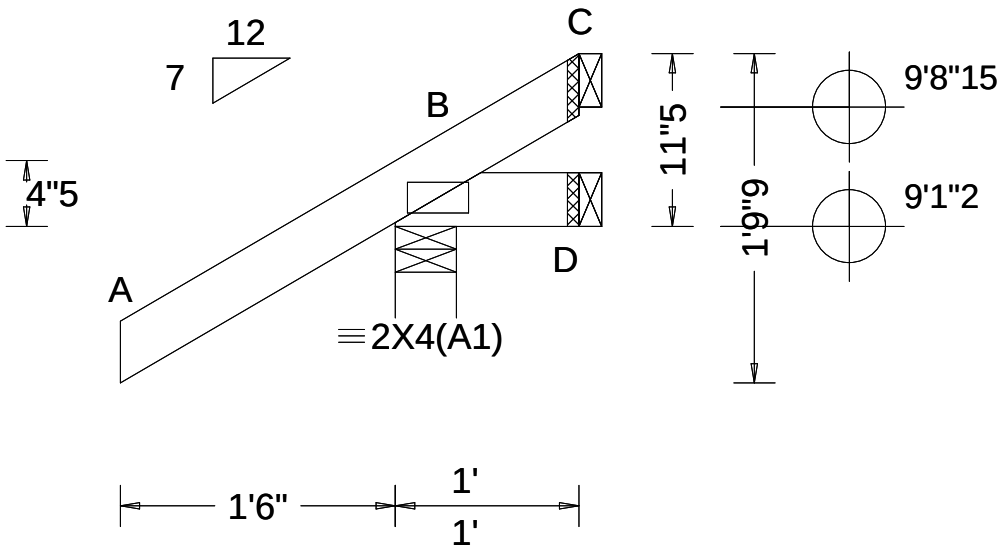
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436569 JACK FROM: CDM	Ply: 1 Qty: 8	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J05	Cust: R 215 JRef:1YI52150004 T6 DrwNo: 063.26.1026.51697 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.322
Max BC CSI: 0.040
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	257	/-	/-	/78	/62	/44
D	5	/-17	/-	/15	/-	/-
C	-	/-55	/-	/35	/9	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-11-5.

COA #0278

03/05/2026

Florida Certificate of Product Approval #FL 1999

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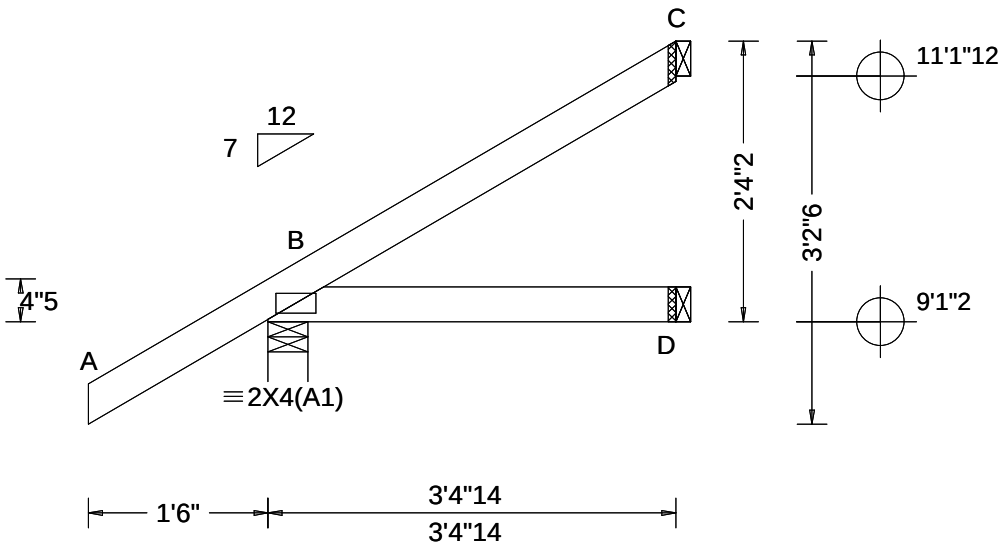
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436585 JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J06	Cust: R 215 JRef:1YI52150004 T43 DrwNo: 063.26.1026.53337 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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	B	-	-
HORZ(TL): 0.002	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.322
Max BC CSI: 0.104
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	278	/-	/-	/111	/35	/94
D	58	/-	/-	/37	/-	/-
C	77	/-	/-	/62	/46	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
The overall height of this truss excluding overhang is 2-4-2.

COA #0278
Florida Certificate of Product Approval #FL 1999
03/05/2026

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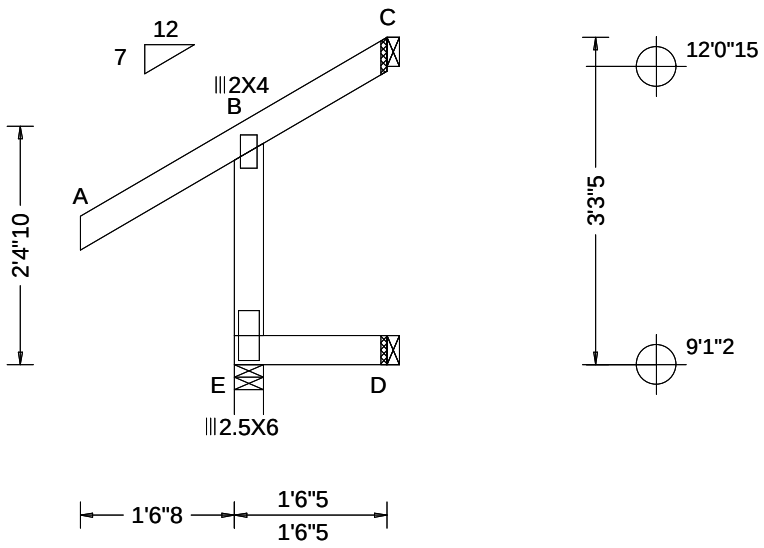
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436571 JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J07		Cust: R 215 JRef:1YI52150004 T53 DrwNo: 063.26.1026.55133 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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: 0.296
Max BC CSI: 0.028
Max Web CSI: 0.116

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	221	/-	/-	/70	/76	/-
D	31	/-	/-	/15	/-	/-
C	-	/-4	/-	/47	/-	/56

Wind reactions based on MWFRS
E Brg Wid = 3.5 Min Req = 1.5
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#

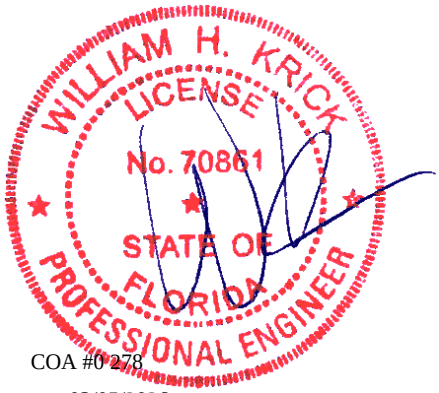
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	390	-205

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.

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



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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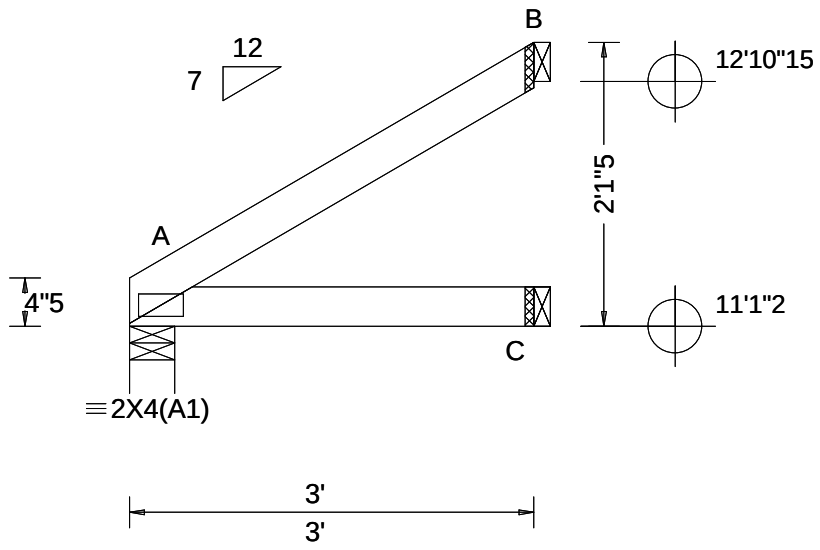
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436572 JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** J08	Cust: R 215 JRef:1YI52150004 T3 DrwNo: 063.26.1026.57623 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
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	A	-	-
HORZ(TL): 0.003	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.157
Max BC CSI: 0.093
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs)

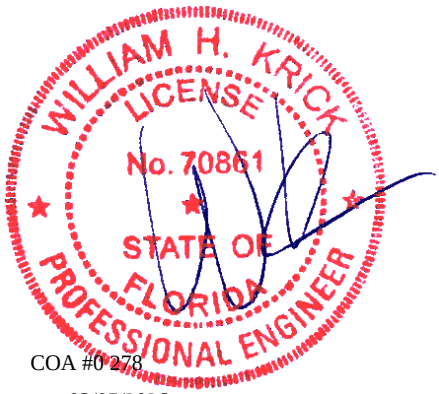
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	131	/-	/-	/81	/0	/61
C	55	/-	/-	/33	/-	/-
B	82	/-	/-	/55	/45	/-

Wind reactions based on MWFRS
A Brg Wid = 4.0 Min Req = 1.5
C Brg Wid = 1.5 Min Req = -
B Brg Wid = 1.5 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
The overall height of this truss excluding overhang is 2-1-5.



COA #0278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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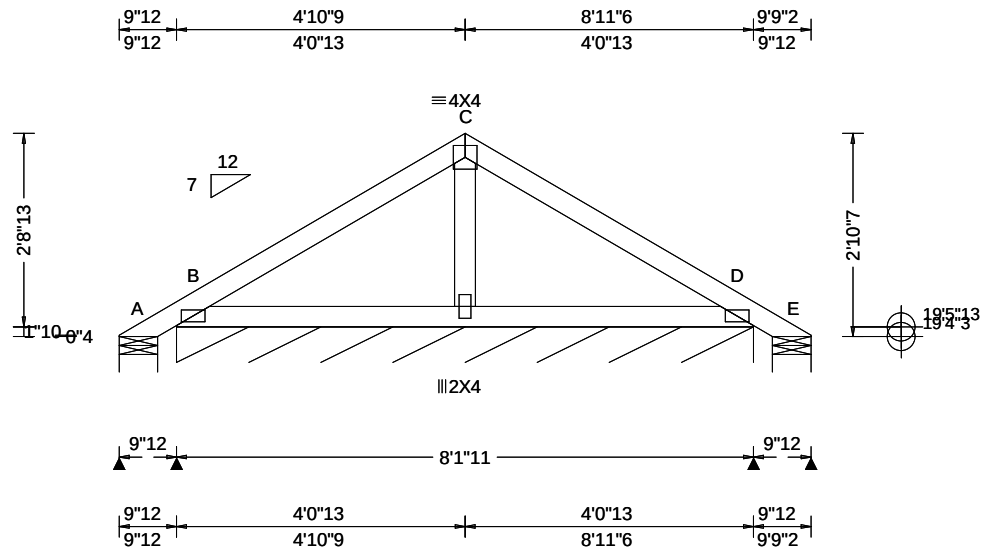
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 436573 SPEC FROM: RFG	Ply: 1 Qty: 8	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** PB01		Cust: R 215 JRef:1YI52150004 T26 DrwNo: 063.26.1027.00990 KD / WHK 03/04/2026	



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 - - 240
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): 0.000 - - 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 - - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 - - -
NCBCLL: 10.00	Mean Height: 15.40 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.187
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.133
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.024
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 24.02.00D.0611.08
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-73	/-	/69	/98	/74
B*	94	/-	/-	/64	/14	/-
E	-	/-73	/-	/32	/61	/-

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 97.7 Min Req = -
E Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & E are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4(A1) except as noted.

Purlins

In lieu of rigid ceiling use purlins to brace BC @ 24" oc.

Wind

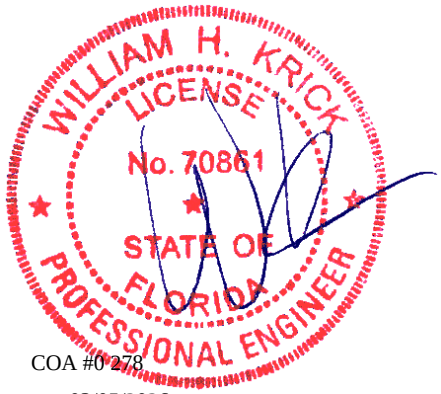
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is 2-10-7.



COA #0 278
03/05/2026
Florida Certificate of Product Approval #FL 1999

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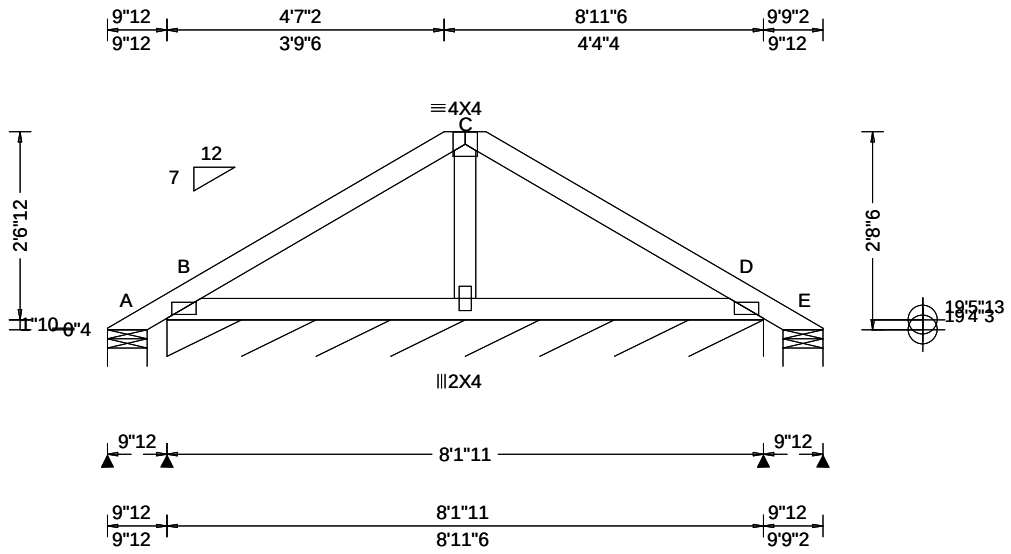
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 436574 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** PB02		Cust: R 215 JRef:1YI52150004 T51 DrwNo: 063.26.1027.02937 KD / WHK 03/04/2026	



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.74 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): 0.001	B	999	240
VERT(CL): 0.003	B	999	180
HORZ(LL): 0.001	B	-	-
HORZ(TL): 0.002	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.187
Max BC CSI: 0.132
Max Web CSI: 0.024

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-73	/-	/67	/93	/69
B*	94	/-	/-	/60	/34	/-
E	-	/-73	/-	/45	/59	/-

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 97.7 Min Req = -
E Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & E are a rigid surface.
Members not listed have forces less than 375#

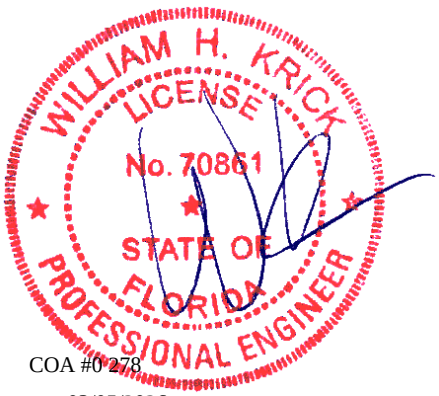
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Plating Notes
All plates are 2X4(A1) except as noted.

Purlins
In lieu of rigid ceiling use purlins to brace BC @ 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.
The overall height of this truss excluding overhang is 2-8-6.



COA #0 278
03/05/2026
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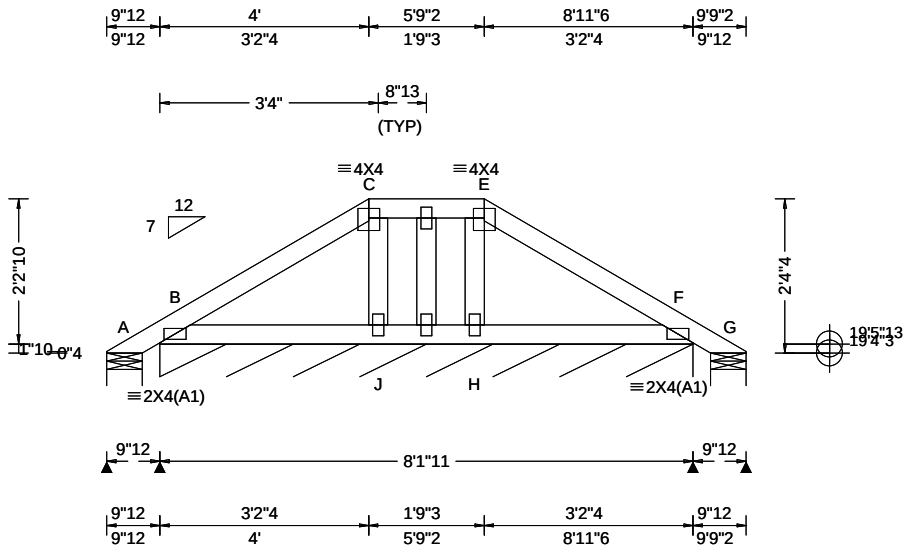
SEQN: 436575 HIPS FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3646 Lot 6 Hills of Huntsville - Gonzalez **Truss Label:** PB03	Cust: R 215 JRef:1YI52150004 T24 DrwNo: 063.26.1027.05510 KD / WHK 03/04/2026



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: Enclosed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.14 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): 0.000	-	-	240
VERT(CL): 0.000	-	-	180
HORZ(LL): 0.000	-	-	-
HORZ(TL): 0.000	-	-	-

Creep Factor: 2.0
Max TC CSI: 0.114
Max BC CSI: 0.064
Max Web CSI: 0.015

VIEW Ver: 24.02.00D.0611.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-31	/-	/43	/53	/58
B*	84	/-	/-	/56	/13	/-
G	-	/-31	/-	/14	/25	/-

Wind reactions based on MWFRS
A Brg Wid = 6.5 Min Req = 1.5 (Truss)
B Brg Wid = 97.7 Min Req = -
G Brg Wid = 6.5 Min Req = 1.5 (Truss)
Bearings A, B, & G 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 or rigid ceiling use purlins to brace all flat TC @ 24" oc, all BC @ 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.

The overall height of this truss excluding overhang is 2-4-4.

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CLR Reinforcing Member Substitution

This detail is to be used for ANSI/TPI 1-2014 standards and older when a Continuous Lateral Restraint (CLR)is is specified on a truss design and an alternative web reinforcement method is desired.

Notes:

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

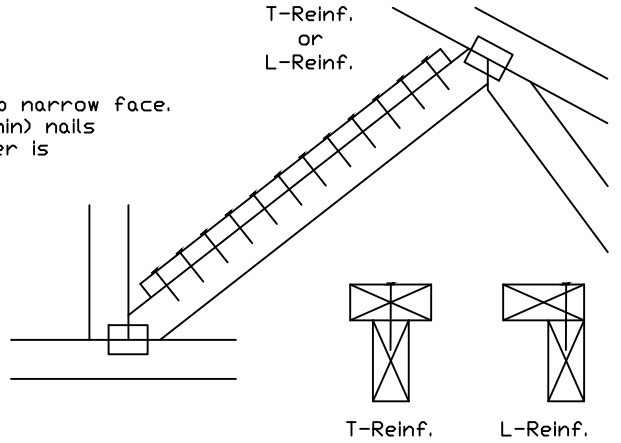
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Alternative Reinforecement Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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.

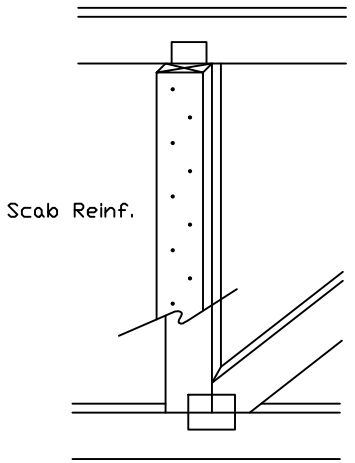
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.131"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.131"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Rev: 01/23/26

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

COA #0 278
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TC LL	PSF	REF CLR Subst.
TC DL	PSF	DATE 01/02/19
BC DL	PSF	DRWG BRCLBSUB0119
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

Piggyback Detail - ASCE 7-22: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

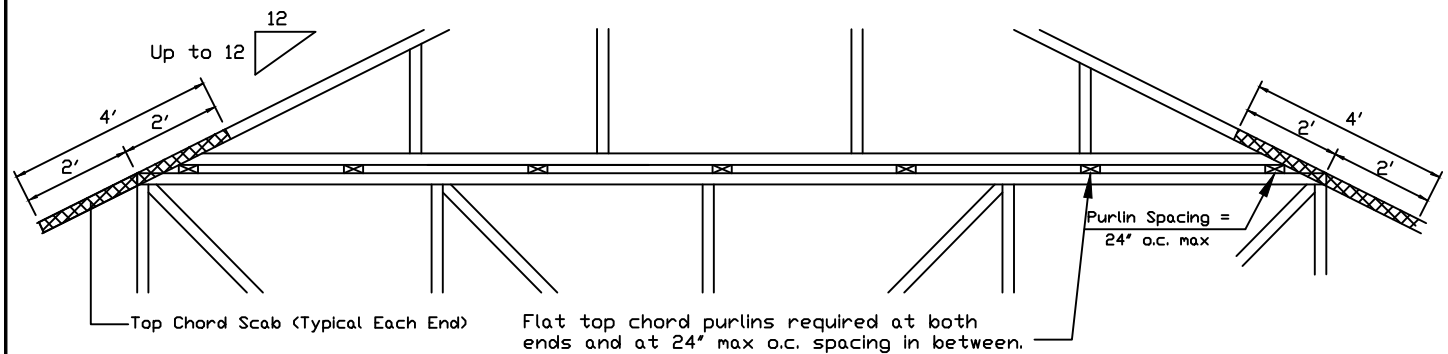
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, Wind DL= 5.0 psf (min), Kzt=1.0.

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.

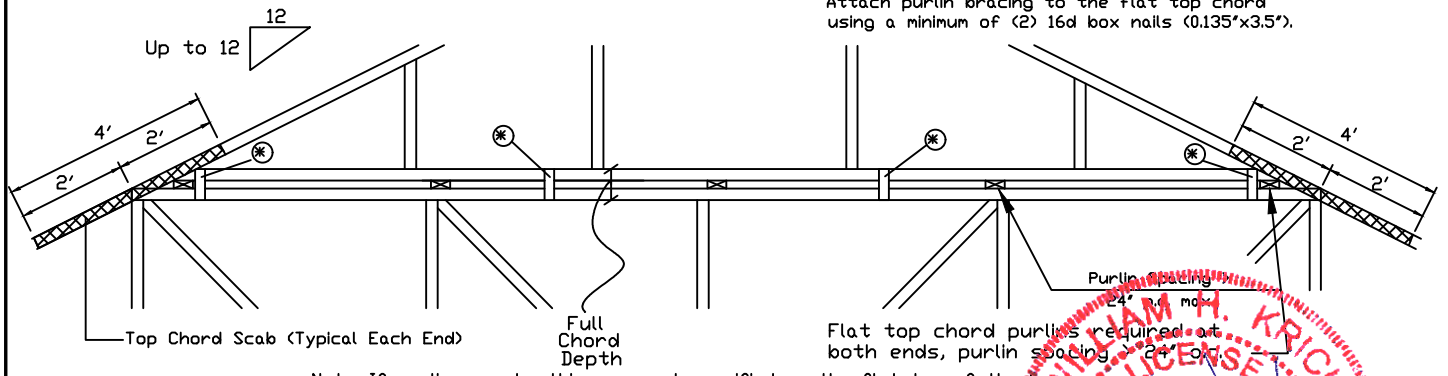
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

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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03/05/2026

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REF	PIGGYBACK
DATE	07/03/2023
DRWG	PB160220723
SPACING	24.0"