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COA #0 278

Florida Certificate of Product Approval #FL-1999
06/19/2023



Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 23-9628
Job Description: Lot 14 Hunter's Ridge - GL	
Address: LAKE CITY, FL	

Job Engineering Criteria:			
Design Code: FBC 7th Ed. 2020 Res.		IntelliVIEW Version: 20.01.01A through 22.02.00	
		JRef #: 1XQO2150005	
Wind Standard: ASCE 7-16	Wind Speed (mph): 130	Design Loading (psf): 40.00	
Building Type: Closed			

This package contains general notes pages, 52 truss drawing(s) and 5 detail(s).

Item	Drawing Number	Truss
1	170.23.1315.12981	A01
3	170.23.1315.13185	A03
5	170.23.1315.12809	A05
7	170.23.1315.13090	A07
9	170.23.1315.13043	A09
11	170.23.1315.11856	A11
13	170.23.1315.12465	A13
15	170.23.1315.12731	A15
17	170.23.1315.12841	A17
19	170.23.1315.12387	A19
21	170.23.1315.12403	A21
23	170.23.1315.11309	A23
25	170.23.1315.11293	A25
27	170.23.1315.11777	B02
29	170.23.1315.13152	B04
31	170.23.1315.11731	C01
33	170.23.1315.10731	C03
35	170.23.1315.11247	D01
37	170.23.1315.11732	D03
39	170.23.1315.11466	HJ02
41	170.23.1315.11059	HJ04
43	170.23.1315.11574	J02
45	170.23.1315.10778	J04
47	170.23.1315.11121	J06
49	170.23.1315.11075	J08

Item	Drawing Number	Truss
2	170.23.1315.12621	A02
4	170.23.1315.12950	A04
6	170.23.1315.12902	A06
8	170.23.1315.12732	A08
10	170.23.1315.12949	A10
12	170.23.1315.12480	A12
14	170.23.1315.12824	A14
16	170.23.1315.12590	A16
18	170.23.1315.12497	A18
20	170.23.1315.12574	A20
22	170.23.1315.11902	A22
24	170.23.1315.11794	A24
26	170.23.1315.11277	B01
28	170.23.1315.11716	B03
30	170.23.1315.10777	B05
32	170.23.1315.10716	C02
34	170.23.1315.11652	C04
36	170.23.1315.11076	D02
38	170.23.1315.11324	HJ01
40	170.23.1315.11465	HJ03
42	170.23.1344.49736	J01
44	170.23.1315.10746	J03
46	170.23.1315.11090	J05
48	170.23.1315.11481	J07
50	170.23.1315.12730	PB01

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Site Information:	Page 2:
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Job Description: Lot 14 Hunter's Ridge - GL	
Address: LAKE CITY, FL	

Item	Drawing Number	Truss
51	170.23.1315.13105	PB02
53	A14015ENC160118	
55	BRCLBSUB0119	
57	PB160160118	

Item	Drawing Number	Truss
52	170.23.1315.12404	PB03
54	A14030ENC160118	
56	GBLLETIN0118	

General Notes

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

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

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

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

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

Temporary Lateral Restraint and Bracing:

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

Permanent Lateral Restraint and Bracing:

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

Connector Plate Information:

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

Fire Retardant Treated Lumber:

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

General Notes (continued)

Key to Terms:

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

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

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

CL = Certified lumber.

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

FRT = Fire Retardant Treated lumber.

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

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

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).

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.

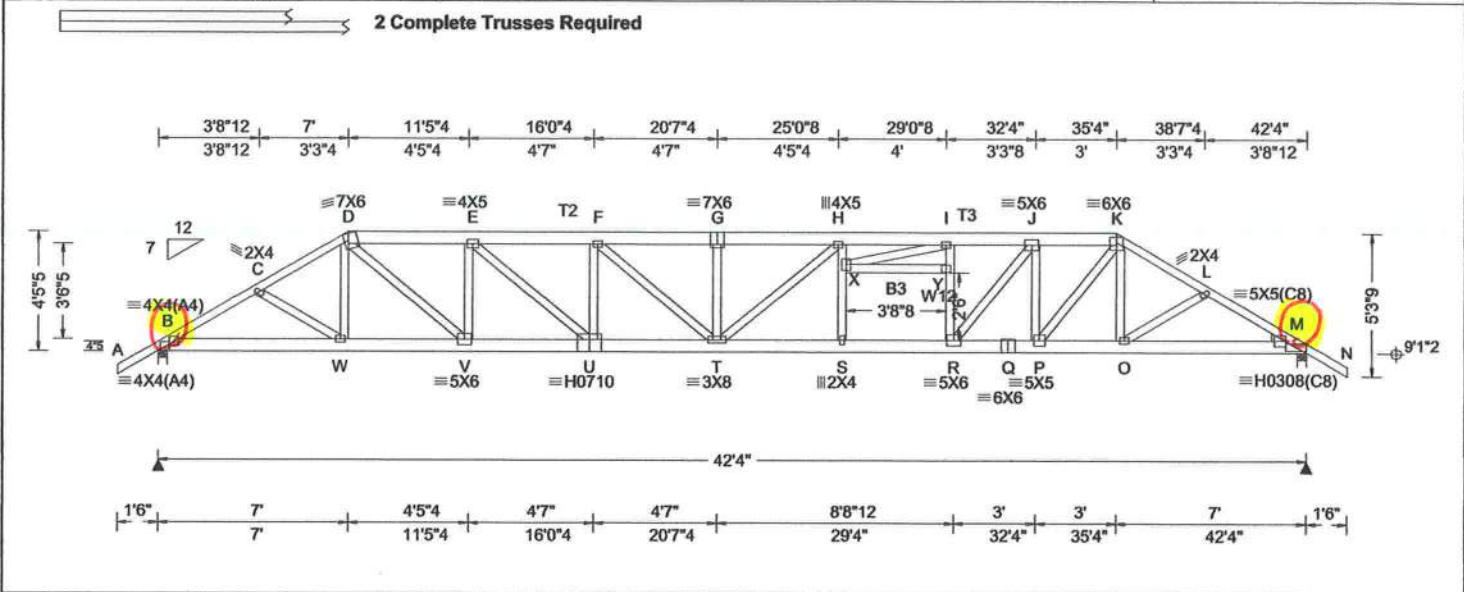
W = Width of non-hanger bearing, in inches.

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 Catoclin 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.



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.23 ft Loc. from endwall: not in 6.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.404 G 999 240 VERT(CL): 0.807 G 624 180 HORZ(LL): 0.086 D - - HORZ(TL): 0.172 D - - Creep Factor: 2.0 Max TC CSI: 0.600 Max BC CSI: 0.704 Max Web CSI: 0.902 VIEW Ver: 22.02.00.0914.12	Gravity Loc R+ /R- /Rh /Rw /U /RL Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 4904 -/- /- /- /1062 -/ M 4972 -/- /- /- /1065 -/ 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 973 -4483 H - I 1443 -6909 C - D 951 -4446 I - J 1356 -6511 D - E 1179 -5563 J - K 1063 -5066 E - F 1415 -6713 K - L 953 -4505 F - G 1546 -7351 L - M 976 -4542 G - H 1546 -7351

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.

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: 269 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: 470 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 25.27,29.27

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - W	3830 -827	S - R	6672 -1393
W - V	3831 -820	R - Q	5194 -1092
V - U	5662 -1205	Q - P	5194 -1092
U - T	6774 -1432	P - O	3883 -821
T - S	6739 -1410	O - M	3882 -829

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - V	2369 -492	X - I	553 -116
V - E	356 -1379	I - Y	270 -1041
E - U	1434 -287	Y - R	276 -1075
U - F	236 -836	R - J	2261 -452
F - T	774 -152	J - P	402 -1772
G - T	220 -625	P - K	2040 -418
T - H	821 -182		

COA #0278

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

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

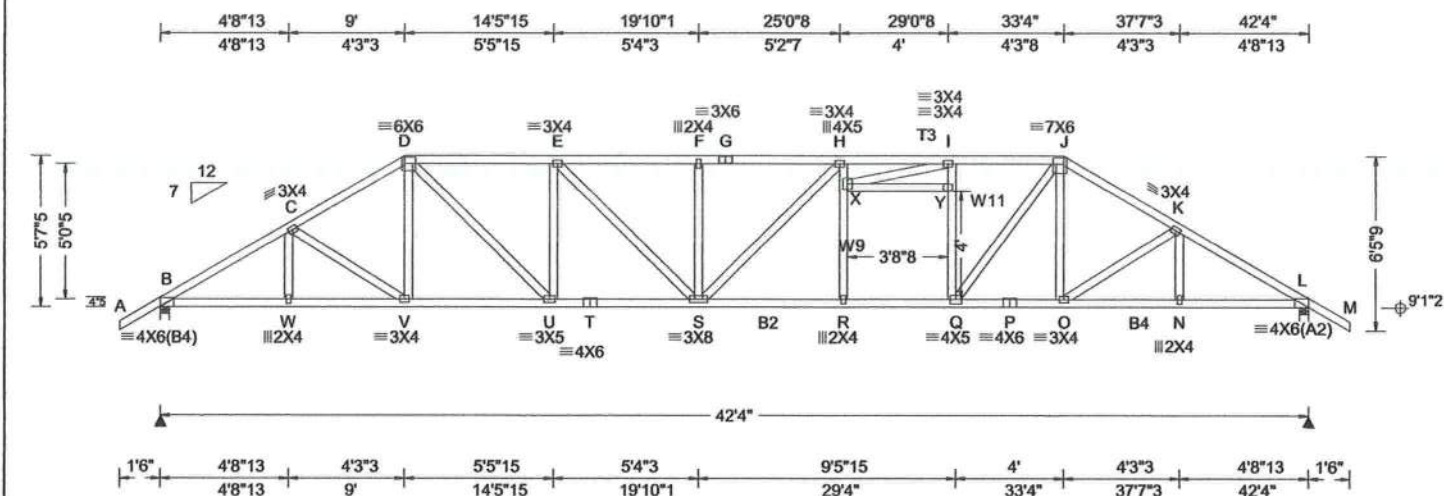
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCE) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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



SEQN: 539428 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A02	Cust: R 215 JRef: 1XQO2150005 T21 / DrwNo: 170.23.1315.12621 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.23 ft Loc. from endwall: not in 6.50 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.397 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: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL B 1936 /- /- /1075 /335 /190 L 1996 /- /- /1075 /335 /- 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 911 -3130 G - H 1217 -3755 C - D 944 -2888 H - I 1242 -3887 D - E 1133 -3295 I - J 1108 -3382 E - F 1217 -3755 J - K 938 -2977 F - G 1217 -3755 K - L 914 -3253

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" to 29'-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.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 5'-7-5/8".



COA #0278

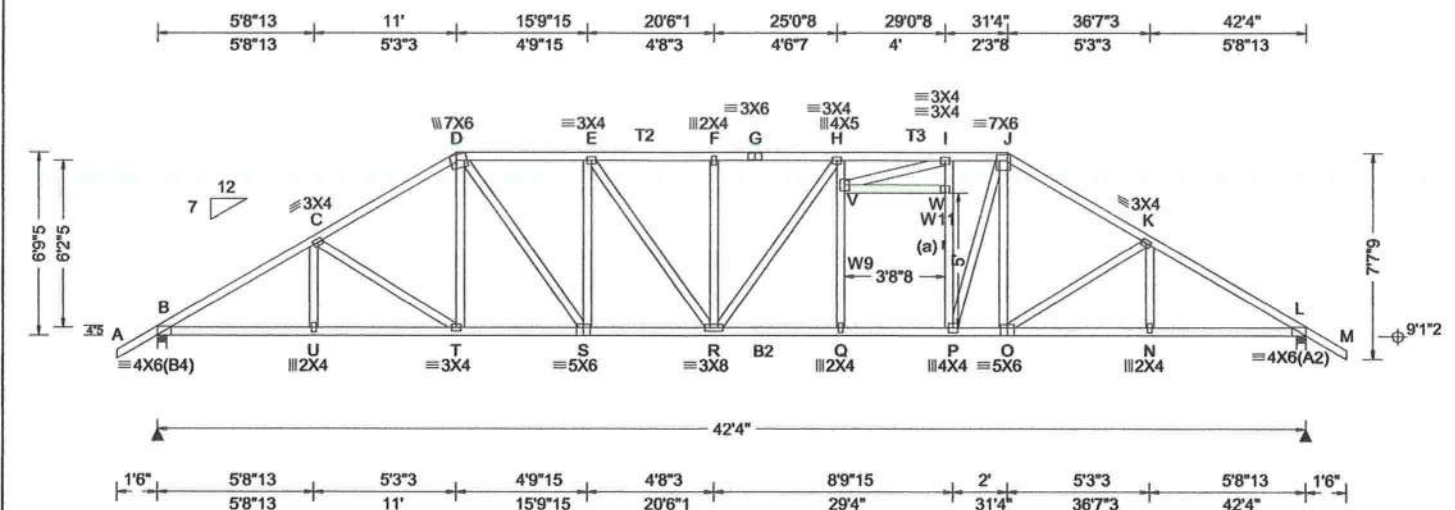
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Chords	Tens.Comp.	Chords	Tens. Comp.
B - W	2626 -683	R - Q	3522 -908
W - V	2625 -684	Q - P	2509 -600
V - U	2445 -632	P - O	2509 -600
U - T	3336 -928	O - N	2734 -668
T - S	3336 -928	N - L	2735 -666
S - R	3584 -926		

Webs	Tens.Comp.	Webs	Tens. Comp.
D - U	1198 -418	X - I	1078 -315
U - E	358 -757	X - Y	181 -612
E - S	670 -195	I - Y	331 -669
F - S	217 -427	Y - Q	344 -721
S - H	455 -173	Q - J	1494 -469

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.349 Q 999 240	B	1938	/-	/-	/1092	/332	/222
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.700 H 720 180	L	1999	/-	/-	/1092	/332	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.135 W - -	Wind reactions based on MWFRS						
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.295 W - -	B Brg Wid = 4.0 Min Req = 2.3 (Truss)						
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	L Brg Wid = 4.0 Min Req = 2.4 (Truss)						
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.593	Bearings B & L are a rigid surface.						
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.842	Members not listed have forces less than 375#						
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.946	Maximum Top Chord Forces Per Ply (lbs)						
	C&C Dist a: 4.23 ft	FT/RT:20(0)/10(0)		Chords	Tens.Comp.	Chords	Tens. Comp.			
	Loc. from endwall: not in 6.50 ft	Plate Type(s):		B - C	875 - 3131	G - H	1031 - 3099			
	GCpl: 0.18	WAVE	VIEW Ver: 22.02.00.0914.12	C - D	891 - 2765	H - I	1050 - 3161			
	Wind Duration: 1.60			D - E	980 - 2819	I - J	932 - 2800			
				E - F	1031 - 3099	J - K	889 - 2874			
				F - G	1031 - 3099	K - L	877 - 3252			

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.



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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	2621 - 642	Q - P	2884 - 676
U - T	2620 - 644	P - O	2406 - 521
T - S	2317 - 546	O - N	2724 - 626
S - R	2846 - 726	N - L	2726 - 624
R - Q	2931 - 693		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - T	136 - 378	V - I	676 - 209
D - S	855 - 317	I - W	328 - 730
S - E	313 - 626	W - P	336 - 761
E - R	546 - 159	P - J	1467 - 471
F - R	220 - 424	O - K	140 - 396
R - H	462 - 190		

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

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Lumber	B - C	781 - 1666	F - G	793 - 2091
Top chord: 2x4 SP #2;	C - D	781 - 1666	G - H	733 - 2364
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;	D - E	781 - 1666		
Webs: 2x4 SP #3; W7,W9 2x4 SP #2;				
Bracing	Maximum Bot Chord Forces Per Ply (lbs)			
(a) Continuous lateral restraint equally spaced on member.	Chords	Tens.Comp.	Chords	Tens. Comp.
	O - N	948 - 272	K - J	1949 - 559
	N - M	948 - 272	J - I	1949 - 559
	M - L	1814 - 554	I - H	1949 - 557
	L - K	1782 - 529		
Loading	Maximum Web Forces Per Ply (lbs)			
BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 17-4-0 to 21-0-8.	Webs	Tens.Comp.	Webs	Tens. Comp.
	A - P	549 - 1384	C - M	378 - 445
	A - O	1170 - 449	Q - F	517 - 301
	B - O	335 - 586	R - K	509 - 94
	B - M	1055 - 463	R - F	519 - 98
	M - E	67 - 408		



COA #0278

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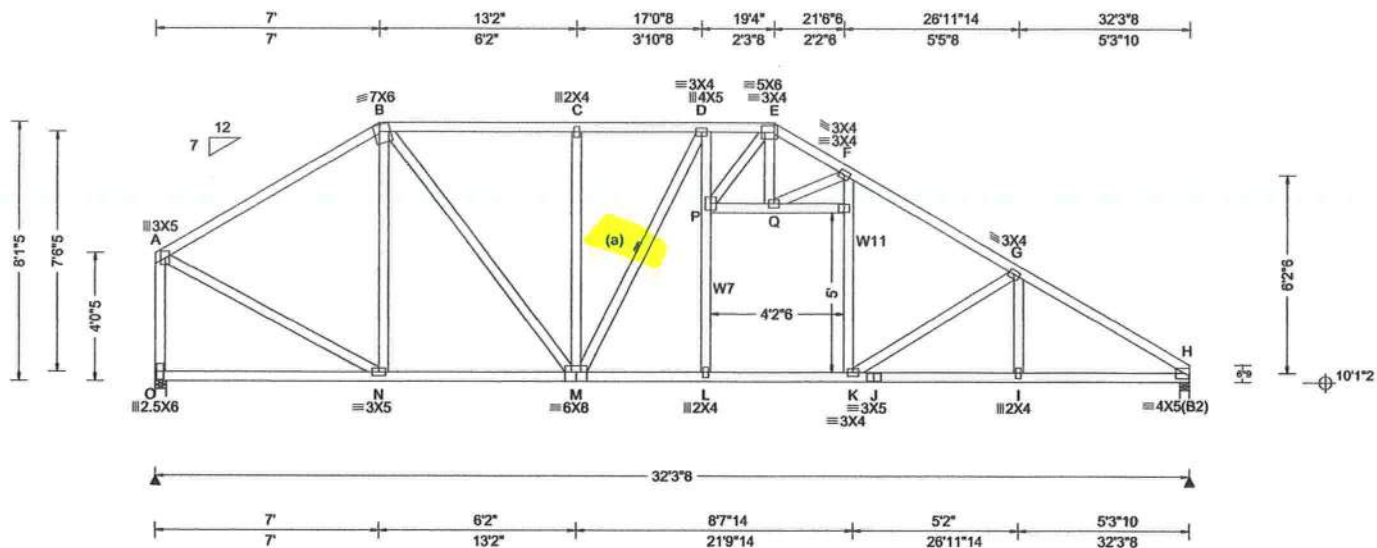
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Glenview, IL 60025

SEQN: 539420 / FROM: RFG	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A05	Cust: R215 JRef: 1XQO2150005 T27 / DrwNo: 170.23.1315.12809 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.23 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.200 R 999 240 VERT(CL): 0.451 R 857 180 HORZ(LL): -0.087 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: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL O 1434 /- /- /711 /240 /194 H 1489 /- /- /798 /221 /- Non-Gravity 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 501 -1339 E - F 593 -1496 B - C 671 -1508 F - G 676 -2080 C - D 671 -1507 G - H 666 -2435 D - E 654 -1563

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.



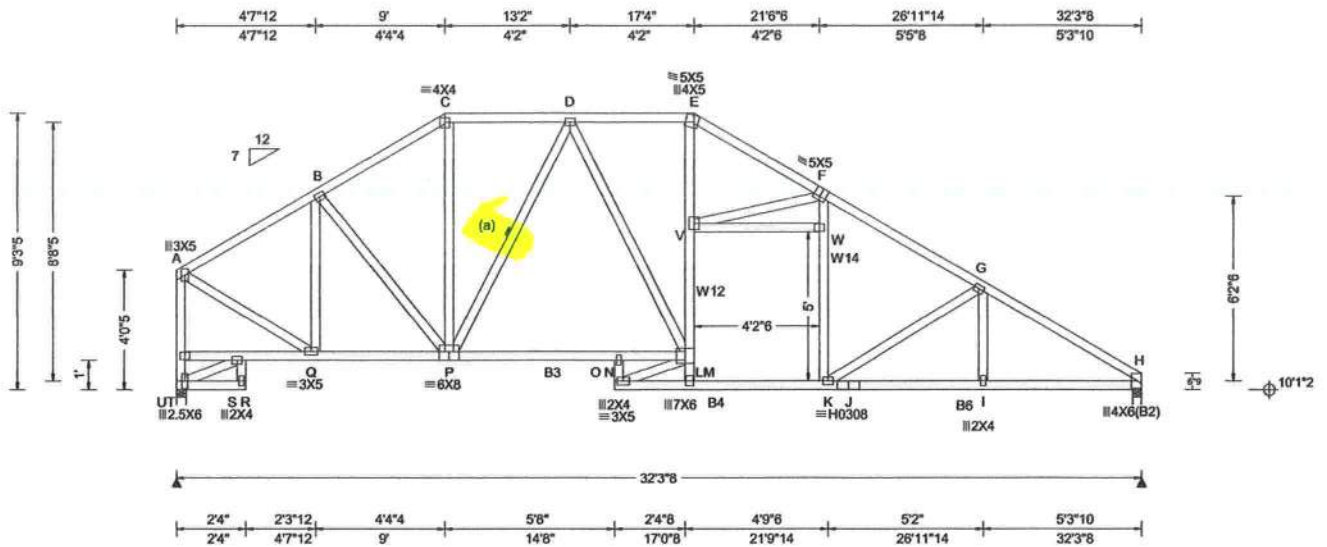
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SEQN: 539416 / FROM: RFG	HIPS Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A06	Cust: R 215 JRef: 1XQO2150005 T34 / DrwNo: 170.23.1315.12902 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.01 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 GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.391 W 988 240 VERT(CL): 0.729 W 530 180 HORZ(LL): -0.136 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: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL U 1434 - / - / 718 / 236 / 225 H 1489 - / - / 803 / 219 - 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.

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.

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 brace 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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
Q - P	1088 - 162	M - K	1552 - 277
P - N	1425 - 265	K - J	2039 - 443
O - M	1451 - 337	J - I	2039 - 443
N - L	1443 - 272	I - H	2042 - 442

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - T	387 - 1371	O - L	370 - 1579
A - Q	1209 - 314	L - M	755 - 65
U - T	360 - 1387	V - E	423 - 79
Q - B	254 - 615	V - F	228 - 738
C - P	464 - 106	V - W	520 - 136
P - D	199 - 436	K - G	170 - 486



COA #0078

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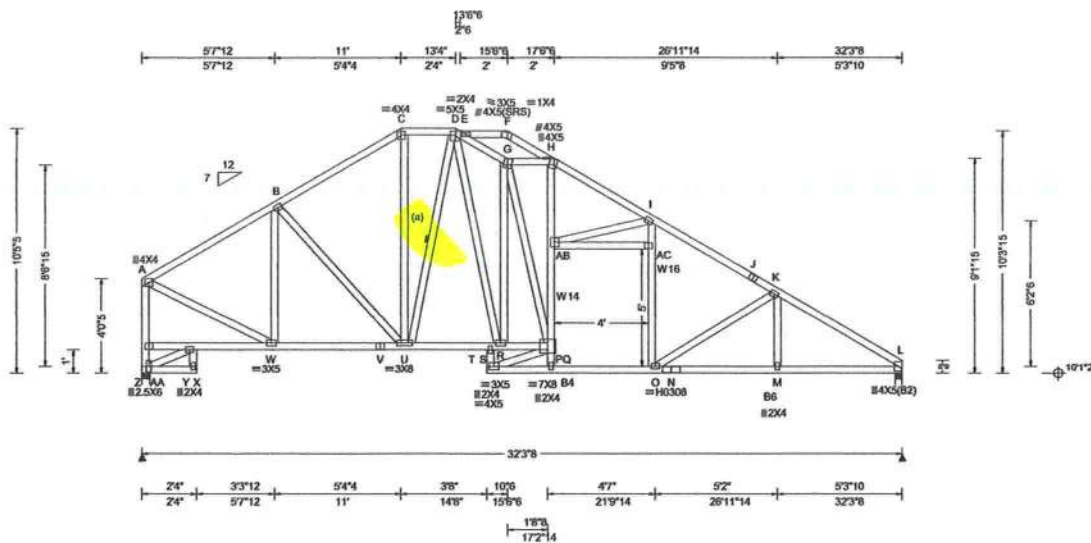
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/def L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.332 AC 999 240	AA	1430	-	-	/720	/229	/254
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.631 AC 613 180	L	1484	-	-	/801	/216	-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.167 AC - -	Wind reactions based on MWFRS						
Des Ld: 40.00	EXP: C Kzt: NA	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	HORZ(TL): 0.349 AC - -	AA Brg Wid = 4.0 Min Req = 1.7 (Truss)						
NCBCLL: 10.00	Mean Height: 15.59 ft		Creep Factor: 2.0	L Brg Wid = 3.5 Min Req = 1.5 (Truss)						
Soffit: 2.00	TCDL: 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	Max TC CSI: 0.604	Bearings AA & L are a rigid surface.						
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.629	Members not listed have forces less than 375#						
Spacing: 24.0 "			Max Web CSI: 0.609	Maximum Top Chord Forces Per Ply (lbs)						
			VIEW Ver: 22.02.00.0914.12	Chords	Tens.Comp.	Chords	Tens. Comp.			

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;

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
W - V	1165 -99	R - P	1569 -155
V - U	1165 -99	Q - O	1568 -190
U - S	1272 -95	O - N	2023 -363
T - Q	1930 -318	N - M	2023 -363
S - R	1361 -106	M - L	2025 -362

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
A - Z	323 -1371	T - P	351 -2152
A - W	1245 -251	G - P	95 -479
AA - Z	292 -1382	G - H	335 -1127
W - B	200 -451	P - Q	506 -46
C - U	473 -90	AB - H	396 -67
U - D	114 -437	AB - I	263 -859
D - R	962 -211	AB - AC	480 -143
T - S	613 -75	O - K	176 -458



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 17'-6" to 21'-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.

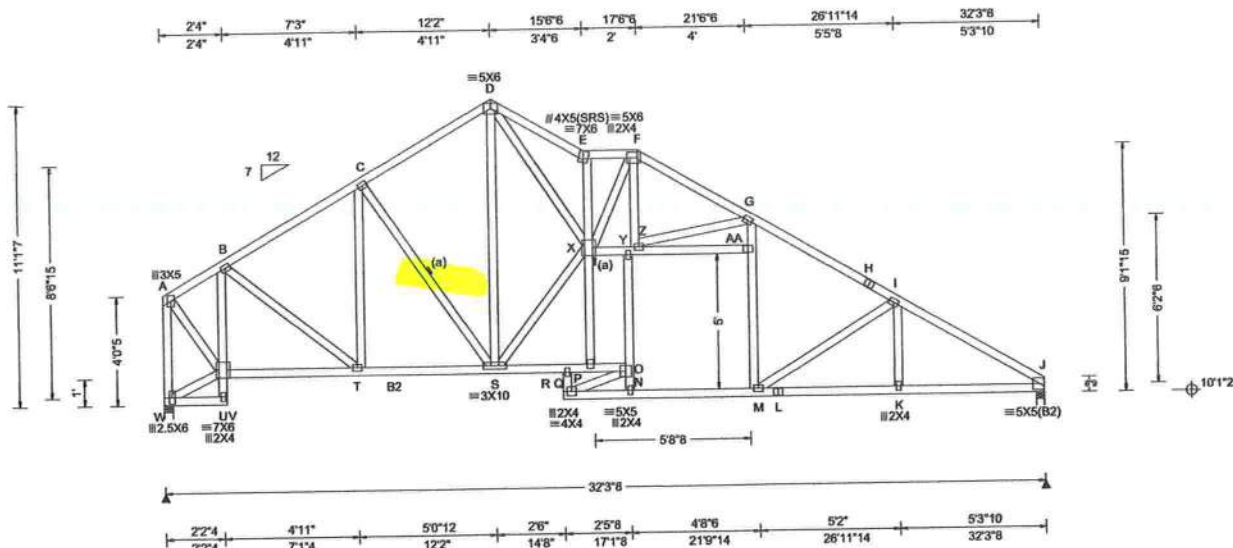
Additional Notes
The overall height of this truss excluding overhang is 10'-5".

COA #01278
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
				Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL	
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	W	1500	/-	/-	/716	/26	/275
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.141 R 999 240	J	1556	/-	/-	/796	/28	/-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.275 R 999 180	Wind reactions based on MWFRS						
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.080 J - -	W	Brg Wid = 4.0 Min Req = 1.8 (Truss)					
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.157 J - -	J	Brg Wid = 3.5 Min Req = 1.8 (Truss)					
NCBCLL: 10.00	Mean Height: 15.93 ft	Building Code:	Creep Factor: 2.0	Bearings W & J are a rigid surface.						
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.656	Members not listed have forces less than 375#						
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.943	Maximum Top Chord Forces Per Ply (lbs)						
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.651	Chords	Tens.Comp.		Chords	Tens. Comp.		
	C&C Dist at: 3.23 ft	FT/RT:20(0)/10(0)	VIEW Ver: 22.02.00.0914.12	A - B	162	-980	F - G	295	-1287	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):		B - C	341	-1543	G - H	464	-2203	
	GCpi: 0.18	WAVE								
	Wind Duration: 1.60									

Lumber

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

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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



COA #0928

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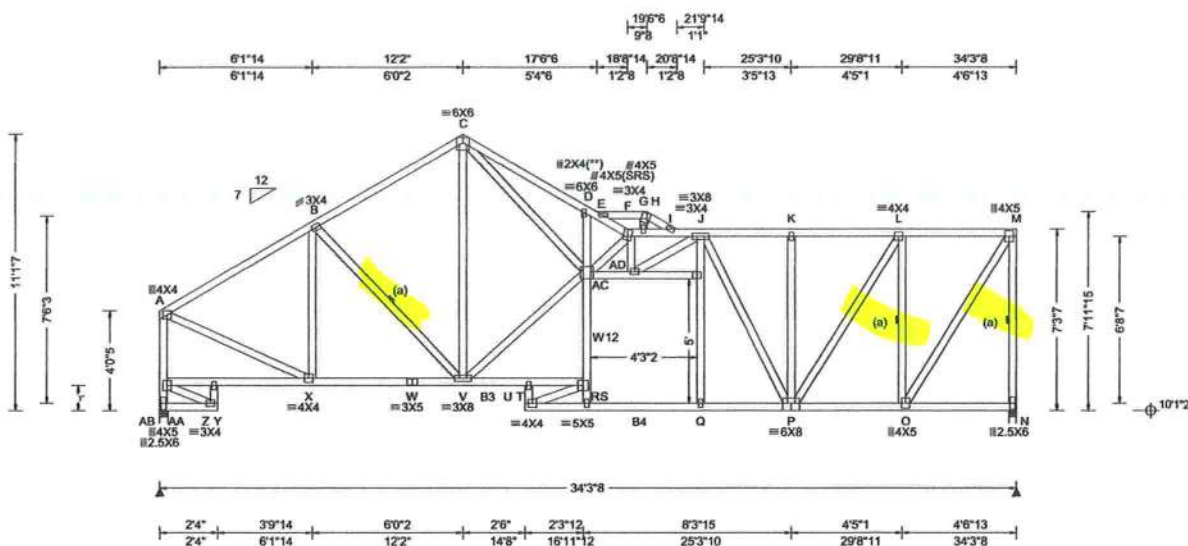
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 539408 / FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A09	Cust: R215 JRef: 1XQ02150005 T40 / DrwNo: 170.23.1315.13043 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 *	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.67 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	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.250 U 999 240 VERT(CL): 0.500 U 823 180 HORZ(LL): 0.091 O - - HORZ(TL): 0.183 O - - Creep Factor: 2.0 Max TC CSI: 0.628 Max BC CSI: 0.802 Max Web CSI: 0.920 VIEW Ver: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL AB 1531 - / - / 1792 / 51 / 189 N 1562 - / - / 1740 / 212 / - 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 425 - 1552 G - I 534 - 1834 B - C 543 - 1625 H - I 138 - 457 C - D 598 - 2010 I - J 640 - 2203 D - E 465 - 1842 J - K 563 - 1539 E - F 376 - 1526 K - L 563 - 1539 E - H 134 - 407 L - M 346 - 889 F - G 531 - 1799

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 chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



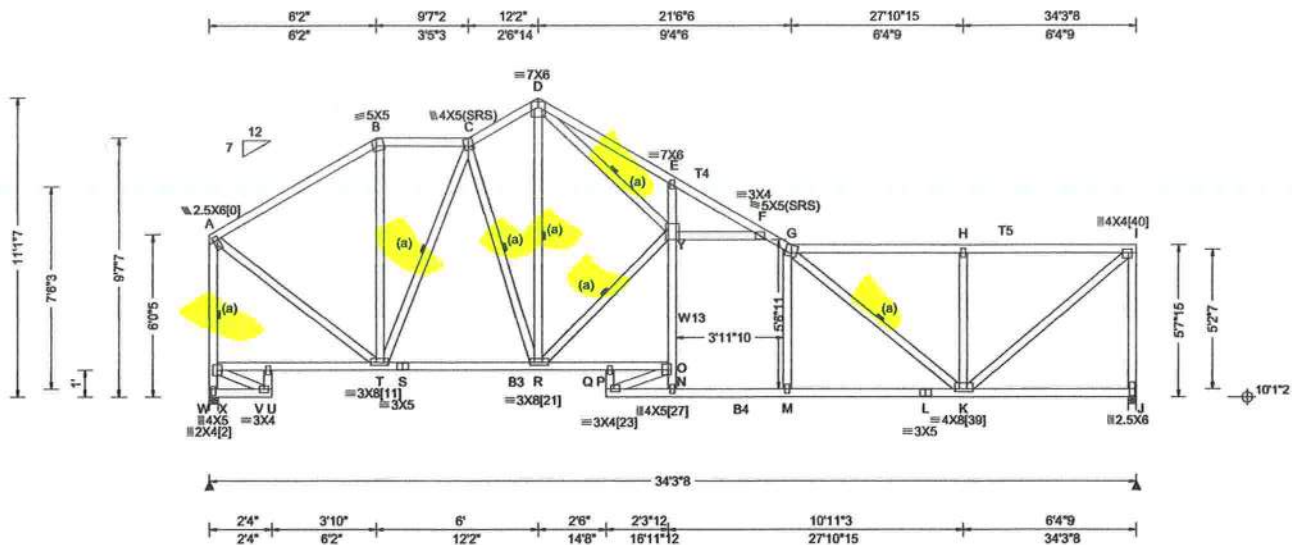
Chords	Tens.Comp.	Chords	Tens. Comp.
X - W	1285 - 429	T - R	1959 - 655
W - V	1285 - 429	S - Q	1880 - 631
V - T	1948 - 652	Q - P	1883 - 632
U - S	1602 - 538	P - O	943 - 371

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.
A - AA 392 - 1458 AC - D 244 - 432
A - X 1346 - 298 AC - F 288 - 749
AB - AA 365 - 1507 AC - AD 522 - 26
X - B 188 - 491 AD - J 539 - 28
C - V 1024 - 370 J - P 151 - 784
C - AC 651 - 75 P - L 1143 - 368
V - AC 387 - 903 L - O 601 - 1305
U - T 463 - 151 O - M 1664 - 648
U - R 577 - 1719 M - N 651 - 1527

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539406 / FROM: RFG	SPEC	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A11	Cust: R 215 JRef: 1XQO2150005 T52 / DrwNo: 170.23.1315.11856 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 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 GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.351 M 999 240 VERT(CL): 0.666 M 618 180 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: 0.994 VIEW Ver: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL X 1525 -/- /- /742 /260 /146 J 1553 -/- /- /729 /268 -/- 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 393 -1214 E - F 158 -590 B - C 401 -980 F - G 680 -2282 C - D 566 -1525 G - H 602 -1628 D - E 233 -547 H - I 602 -1628

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	[2]	2X4	S	2.75
[11]	3X8	2.50	L 1.25	[21]	3X8	1.75	L 1.25
[23]	3X4	2.75	R 1.25	[27]	4X5	2.25	R 1.25
[39]	4X8	2.50	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.

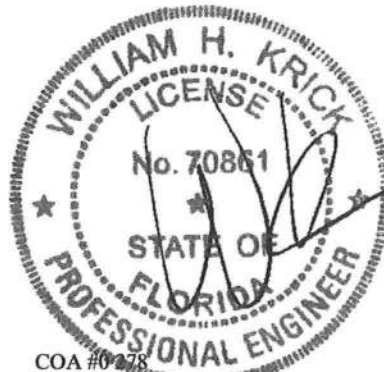
Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
T - S	1308 -366	P - N	2390 -724
S - R	1308 -366	O - M	2327 -708
R - P	2375 -719	M - L	2327 -712
Q - O	2066 -638	L - K	2327 -712

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - W	454 -1455	Q - N	684 -2217
A - T	1204 -334	N - O	612 -108
X - W	444 -1501	Y - F	853 -2148
T - C	267 -893	G - K	144 -948
D - R	1613 -593	H - K	464 -577
D - Y	667 -1566	K - I	2127 -786
R - Y	577 -1523	I - J	637 -1510
Q - P	505 -142		



COA #09048

Florida Certificate of Product Approval #FL 1999

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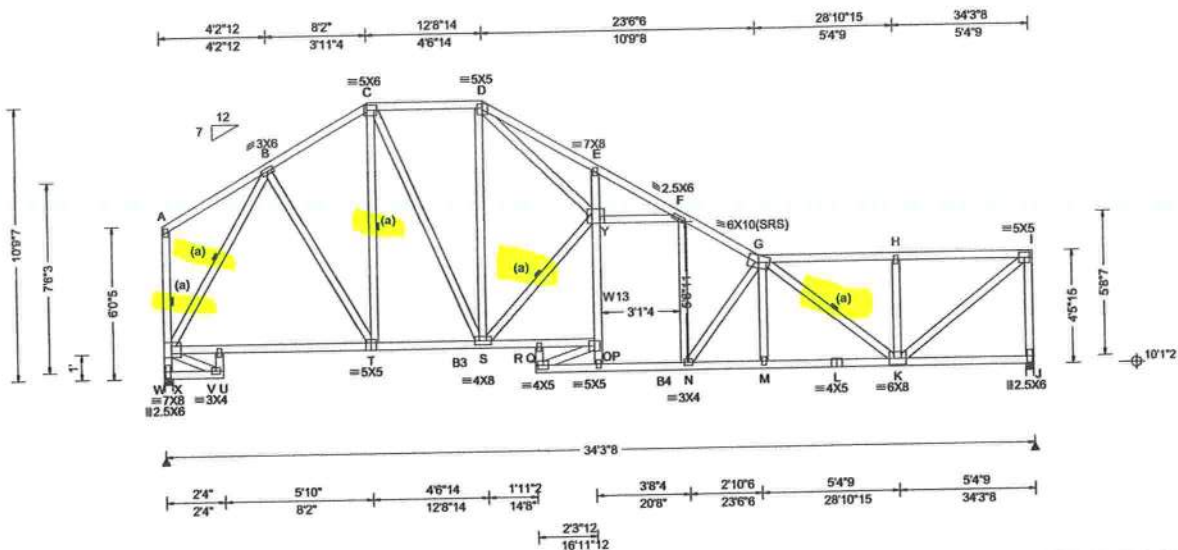
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539374 / FROM: RFG	SPEC	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A12	Cust: R 215 JRef: 1XQO2150005 T33 / DrwNo: 170.23.1315.12480 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.74 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	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.246 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: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL X 1509 - / - / 743 / 267 / 167 J 1527 - / - / 750 / 262 - 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 472 -1250 F - G 775 -2614 C - D 548 -1348 G - H 616 -1727 D - E 184 -750 H - I 616 -1726 E - F 77 -734

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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



COA #0928

Florida Certificate of Product Approval #FL 1999

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
W - V	771 -172	Q - O	2238 -627
V - T	780 -170	P - N	2176 -611
T - S	1020 -208	N - M	2791 -864
S - Q	2217 -620	M - L	2795 -863
R - P	1954 -557	L - K	2795 -863

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
X - W	441 -1485	R - O	600 -2104
W - B	466 -1510	O - P	451 -44
B - T	537 -77	Y - F	648 -1736
C - T	174 -403	F - N	808 -264
C - S	820 -253	N - G	430 -1038
S - D	857 -235	G - K	314 -1355
S - Y	471 -1325	H - K	354 -396
D - Y	488 -1278	K - I	2190 -781
R - Q	557 -151	I - J	597 -1482

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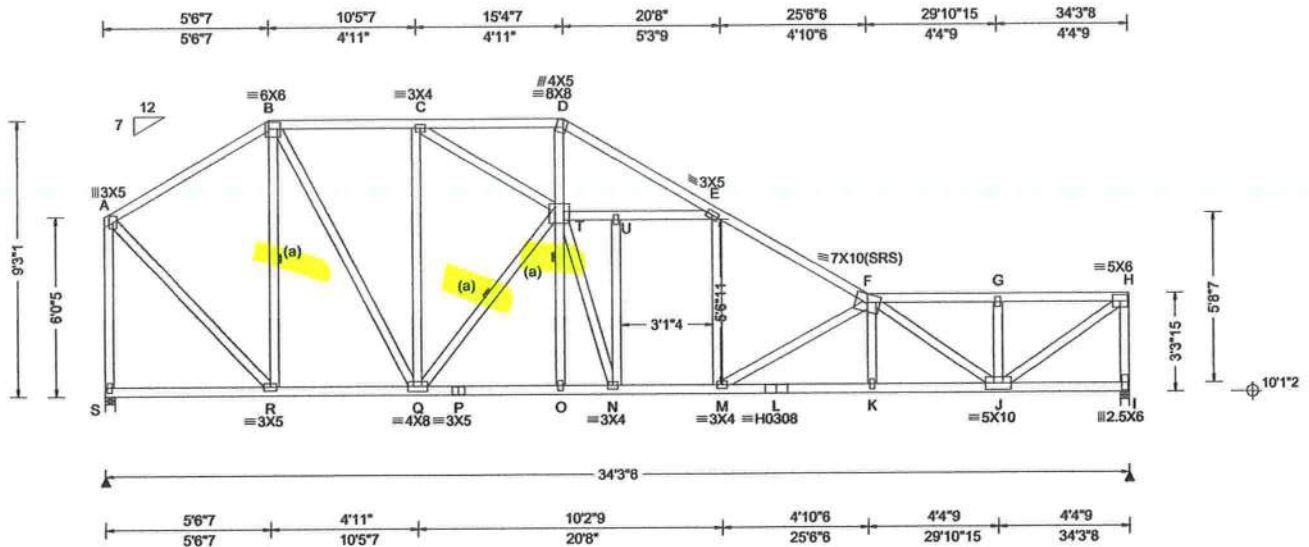
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ALPINE
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539371 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A13	Cust: R 215 JRef: 1XQO2150005 T2 / DrwNo: 170.23.1315.12465 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)							
				Gravity			Non-Gravity				
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/R-	/Rh	/Rw	/U	/RL	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.179 M 999 240	S	1511	/-	/-	/742	/22	/158	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.364 M 999 180	I	1528	/-	/-	/774	/145	/-	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.057 B - -	Wind reactions based on MWFRS							
	EXP: C Kzt: NA		HORZ(TL): 0.115 B - -	S Brg Wid = 4.0 Min Req = 1.8 (Truss)							
Des Ld: 40.00	Mean Height: 17.74 ft		Creep Factor: 2.0	I Brg Wid = 3.5 Min Req = 1.8 (Truss)							
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Max TC CSI: 0.483	Bearings S & I are a rigid surface.							
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max BC CSI: 0.831	Members not listed have forces less than 375#							
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max Web CSI: 0.984	Maximum Top Chord Forces Per Ply (lbs)							
Spacing: 24.0 "	C&C Dist a: 3.43 ft	Rep Fac: Yes		Chords		Tens.Comp.		Chords		Tens. Comp.	
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		A - B	78 -1020		E - F	305 -2688			
	GCpi: 0.18	Plate Type(s):	VIEW Ver: 22.02.00.0914.12	B - C	128 -1270		F - G	430 -1987			
	Wind Duration: 1.60	WAVE, HS		C - D	0 -464		G - H	429 -1987			
				D - E	0 -612						

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 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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
R - Q	817 0	N - M	2229 -193
Q - P	2101 -169	M - L	3394 -532
P - O	2101 -169	L - K	3394 -532
O - N	2104 -171	K - J	3398 -530

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - S	92 -1466	T - U	565 -1882
A - R	1174 0	U - E	567 -1886
B - R	59 -722	E - M	856 -144
B - Q	940 -14	M - F	393 -1335
Q - C	422 -270	F - J	123 -1715
Q - T	425 -1357	J - H	2407 -518
C - T	324 -1090	H - I	395 -1488
T - N	446 -78		



COA #0228

Florida State of Product Approval #FL 1999

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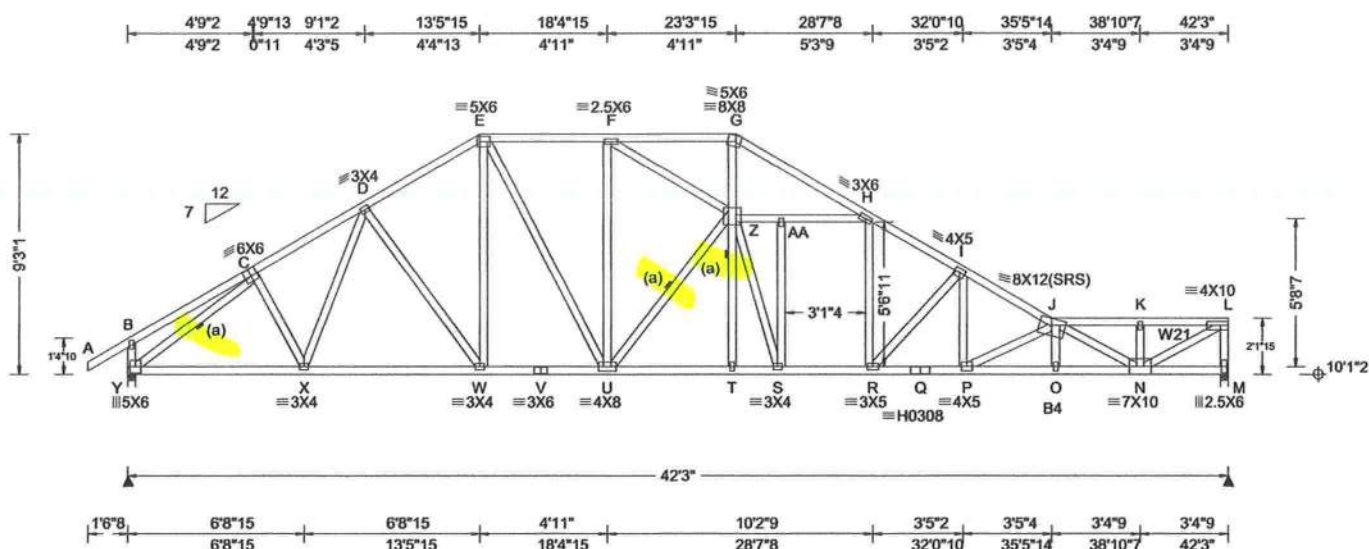
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCEA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org



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

SEQN: 539368 / FROM: CDM	SPEC Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A14	Cust: R215 JRef: 1XQO2150005 T10 / DrwNo: 170.23.1315.12824 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.22 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.301 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: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL Y 1930 /- /- /1087 /37 /236 M 1871 /- /- /964 /55 /- 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.

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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
Y - X	1996 -530	S - R	3012 -745
X - W	2065 -515	R - Q	3825 -993
W - V	1915 -444	Q - P	3825 -993
V - U	1915 -444	P - O	5730 -1572
U - T	2880 -726	O - N	5731 -1568
T - S	2882 -727		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
Y - C	600 -2522	AA - H	625 -2048
E - W	380 -45	H - R	1024 -228
E - U	641 -211	R - I	368 -1189
U - F	545 -16	I - P	1145 -295
U - Z	300 -1198	P - J	645 -2114
F - Z	497 -1430	J - N	738 -2943
Z - S	461 -59	N - L	3588 -1047
Z - AA	624 -2043	L - M	577 -1832



COA #09278

Florida Certificate of Product Approval #FL 1999

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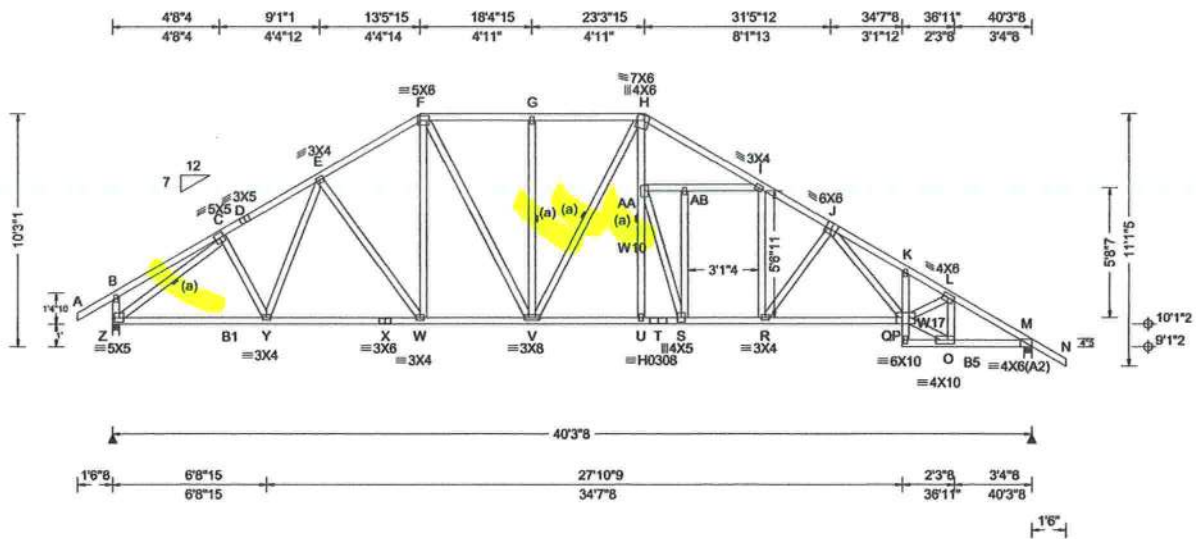
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539335 / FROM: CDM	SPEC Ply: 1 Qty: 5	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A15	Cust: R 215 JRef: 1XQO2150005 T47 / DrwNo: 170.23.1315.12731 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.40 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.03 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/def L/# VERT(LL): 0.490 I 982 240 VERT(CL): 0.849 I 567 180 HORZ(LL): 0.132 M - - HORZ(TL): 0.245 M - - Creep Factor: 2.0 Max TC CSI: 0.806 Max BC CSI: 0.999 Max Web CSI: 0.772 VIEW Ver: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL Z 2030 -/- /- /1050 -/- /313 M 2042 -/- /- /1104 -/- /- 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 169 -2630 H - I 139 -2537 D - E 188 -2593 I - J 183 -3272 E - F 160 -2423 J - K 348 -5028 F - G 141 -2258 K - L 283 -4975 G - H 141 -2258 L - M 218 -3297

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 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 9-3-1.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



COA #06278

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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
Z - Y	2126 -17	U - T	2275 0
Y - X	2194 0	T - S	2275 0
X - W	2194 0	S - R	2733 0
W - V	2030 0	R - P	3261 0
V - U	2231 0	O - M	2768 -103

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
Z - C	59 -2692	AB - I	128 -587
F - W	497 -93	I - R	455 0
F - V	559 -36	R - J	179 -878
AA - U	178 -433	J - P	1681 -179
AA - H	778 -69	P - O	3130 -116
AA - S	1587 -339	P - L	1760 -14
AA - AB	116 -538	O - L	100 -1758
S - AB	131 -535		

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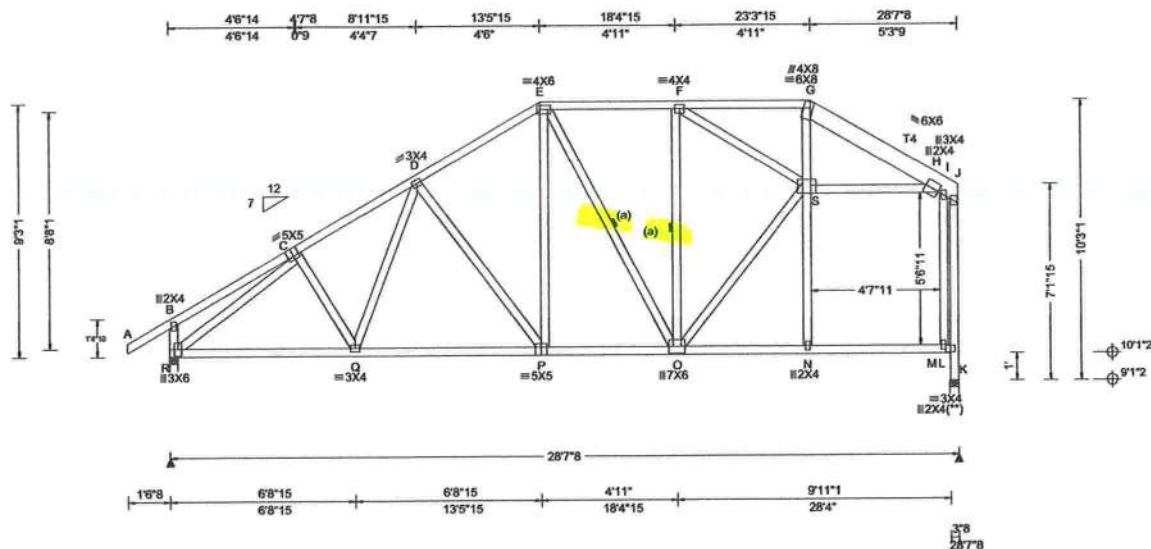
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539364 / FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A16	Cust: R 215 JRef: 1XQ02150005 T14 / DrwNo: 170.23.1315.12590 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/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: 0.658 Max Web CSI: 0.988 VIEW Ver: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL R 1318 /- /- /796 /79 /276 K 1431 /- /- /611 /97 /- Wind reactions based on MWFRS R Brg Wid = 3.5 Min Req = 1.6 (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 500 -1511 G - H 921 -2447 D - E 516 -1223 H - I 245 -606 E - F 484 -926 I - J 163 -611 F - G 864 -2134

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.

Additional Notes

The overall height of this truss excluding overhang is 9'-3-1/2\"/>

Drop leg not designed to support lateral loads from wall enclosed by wind. Provisions must be made to resist lateral loads from wall. Building designer must approve prior to fabrication.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
R - Q	1238 -570	P - O	992 -441
Q - P	1198 -524		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
R - C	380 -1567	S - G	742 -214
E - P	430 -58	S - H	2152 -767
O - F	527 -1003	L - K	456 -1430
O - S	1534 -628	L - J	320 -1256
F - S	1389 -436		



COA #00278

06/19/2023
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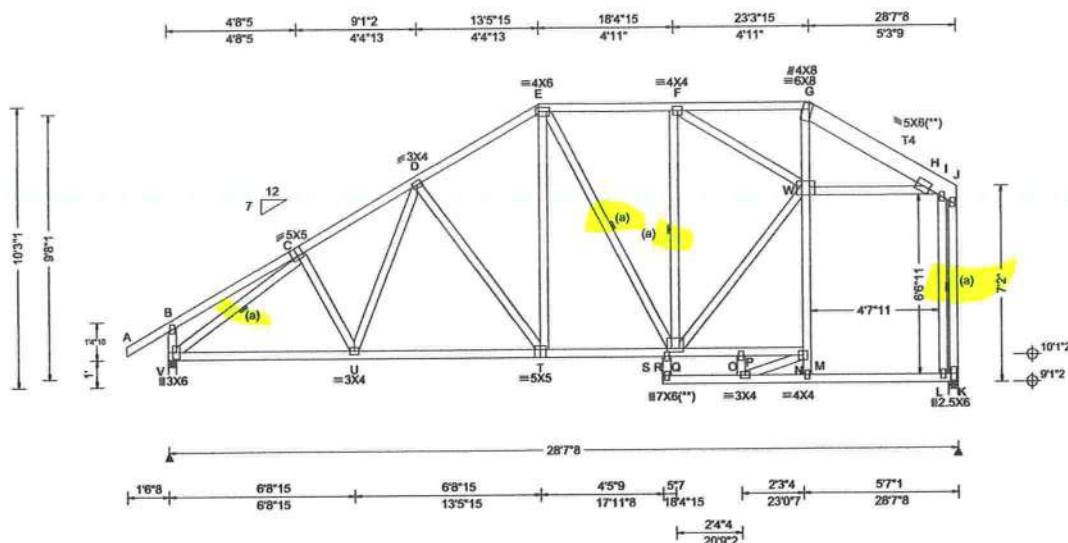
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539351 / FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A17	Cust: R 215 JRef: 1XQO2150005 T23 / DrwNo: 170.23.1315.12841 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/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: 0.674 VIEW Ver: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity V 1325 - / - / - / 799 / 78 / 220 K 1427 - / - / - / 615 / 94 / - 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 506 -1524 G - H 922 -2444 D - E 519 -1234 H - I 245 -625 E - F 486 -942 I - J 191 -721 F - G 866 -2132

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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
V - U	1257 -503	T - R	1003 -376
U - T	1204 -457	R - Q	1009 -375

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
V - C	377 -1580	F - W	1369 -431
E - T	434 -58	W - G	755 -210
Q - F	524 -992	W - H	2126 -756
Q - W	1508 -614	J - K	375 -1432



COA #09428

Florida Certificate of Product Approval #FL 1999

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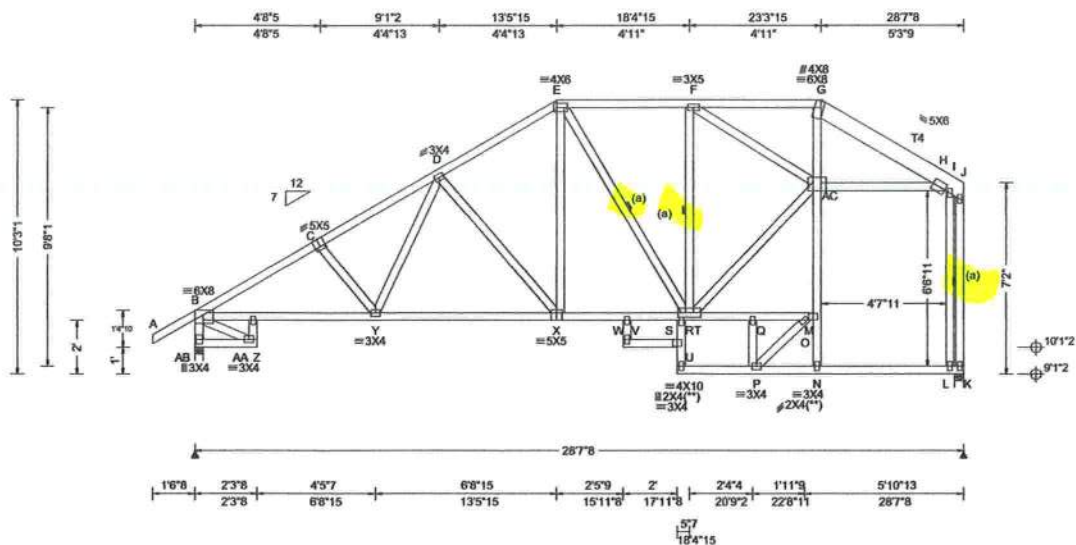
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539353 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A18	Cust: R215 JRef: 1XQO2150005 T9 / DrwNo: 170.23.1315.12497 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.14 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	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.099 F 999 240 VERT(CL): 0.195 F 999 180 HORZ(LL): 0.075 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: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL AB 1325 - / - / 806 - / 223 K 1427 - / - / 624 - / - 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 177 -2057 F - G 0 -2097 C - D 182 -1878 G - H 0 -2402 D - E 92 -1381 H - I 23 -625 E - F 56 -1059 I - J 0 -719

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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



COA #0278

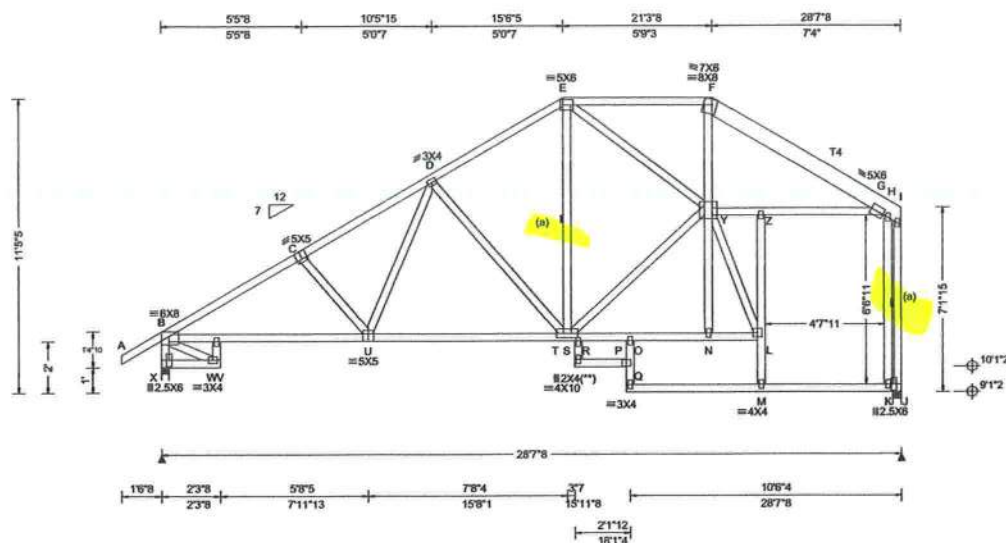
06/19/2023
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539355 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A19	Cust: R215 JRef: 1XQO2150005 T49 / DrwNo: 170.23.1315.12387 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.56 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.098 Z 999 240 VERT(CL): 0.197 V 999 180 HORZ(LL): 0.082 I - - HORZ(TL): 0.163 I - - Creep Factor: 2.0 Max TC CSI: 0.464 Max BC CSI: 0.831 Max Web CSI: 0.683 VIEW Ver: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL X 1324 - / - / - / 801 / 55 / 252 J 1419 - / - / - / 625 / 55 / - 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 550 - 2020 F - G 633 - 2080 C - D 551 - 1803 G - H 203 - 622 D - E 466 - 1220 H - I 149 - 702 E - F 627 - 1775

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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - W	1672 - 593	U - T	1335 - 434
W - U	1675 - 587		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - X	355 - 1302	Y - F	540 - 12
U - D	456 - 96	Y - Z	1766 - 472
D - T	219 - 546	Z - G	1769 - 473
E - Y	990 - 222	I - J	291 - 1393
T - Y	1334 - 336		



COA #0218

Florida Certificate of Product Approval #FL 1999

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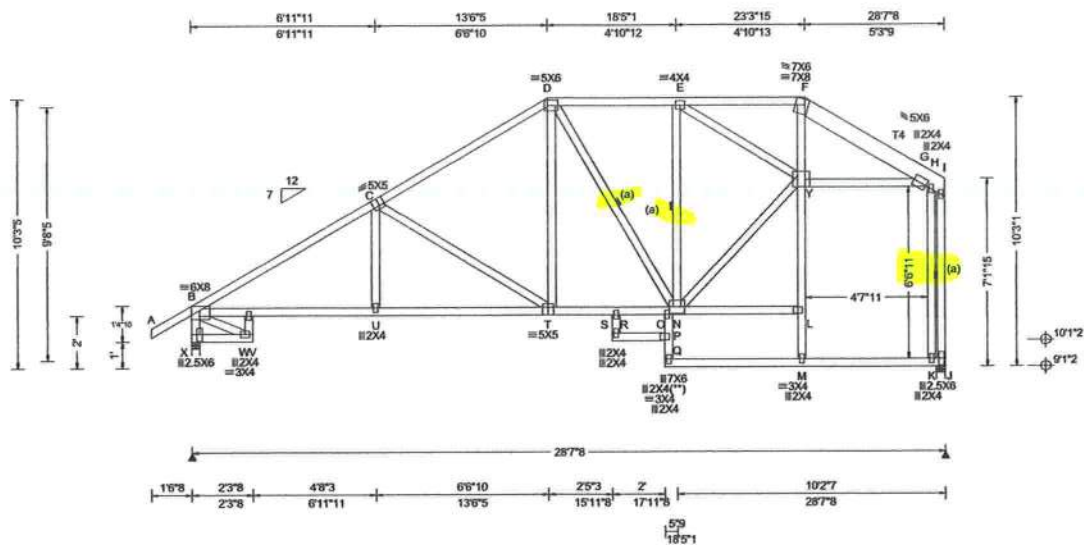
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539357 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A20	Cust: R 215 JRRef: 1XQO2150005 T48 / DrwNo: 170.23.1315.12574 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.100 E 999 240 VERT(CL): 0.198 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: 0.691 VIEW Ver: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL X 1325 - / - / - /799 /78 /220 J 1426 - / - / - /614 /94 - 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 614 -1984 F - G 922 -2464 C - D 561 -1426 G - H 244 -625 D - E 532 -1054 H - I 192 -718 E - F 866 -2148

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.

Additional Notes

The overall height of this truss excluding overhang is 9'-3-5/8\"/>

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - W	1626 -627	T - R	1133 -422
W - U	1627 -621	R - O	1134 -423
U - T	1625 -622	O - N	1134 -425

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - X	399 -1303	E - Y	1255 -377
C - T	239 -586	Y - F	739 -210
D - T	481 -59	Y - G	2142 -755
N - E	486 -914	I - J	376 -1425
N - Y	1530 -625		



COA #0208

06/19/2023 Florida Certificate of Product Approval #FL 1999

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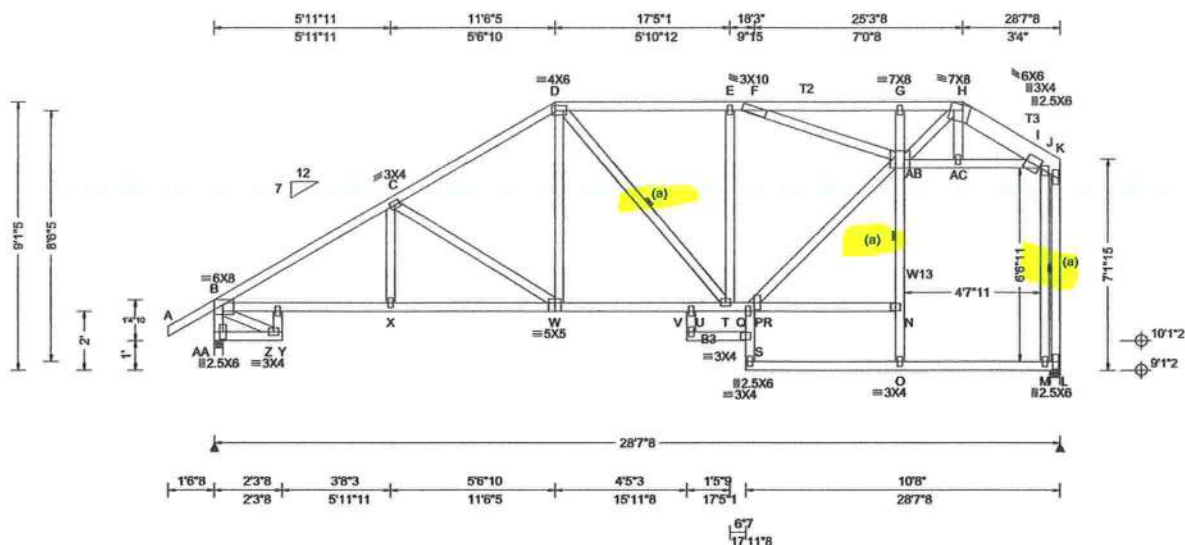
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 539359 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: A21	Cust: R 215 JRef: 1XQO2150005 T20 / DrwNo: 170.23.1315.12403 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.266 F 999 240 VERT(CL): 0.526 F 653 180 HORZ(LL): 0.160 K - - HORZ(TL): 0.316 K - - Creep Factor: 2.0 Max TC CSI: 0.558 Max BC CSI: 0.730 Max Web CSI: 0.968 VIEW Ver: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL AA 1325 - / - / 793 / 102 / 190 L 1427 - / - / 610 / 140 / - 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.

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

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

Loading	Maximum Web Forces Per Ply (lbs)
BC attic loading: LL = 20.00 psf; DL = 5.00 psf; from 23-3-15 to 27-11-10.	Webs Tens.Comp. Webs Tens. Comp.

Purlins	Maximum Bot Chord Forces Per Ply (lbs)
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.	Chords Tens.Comp. Chords Tens. Comp.

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

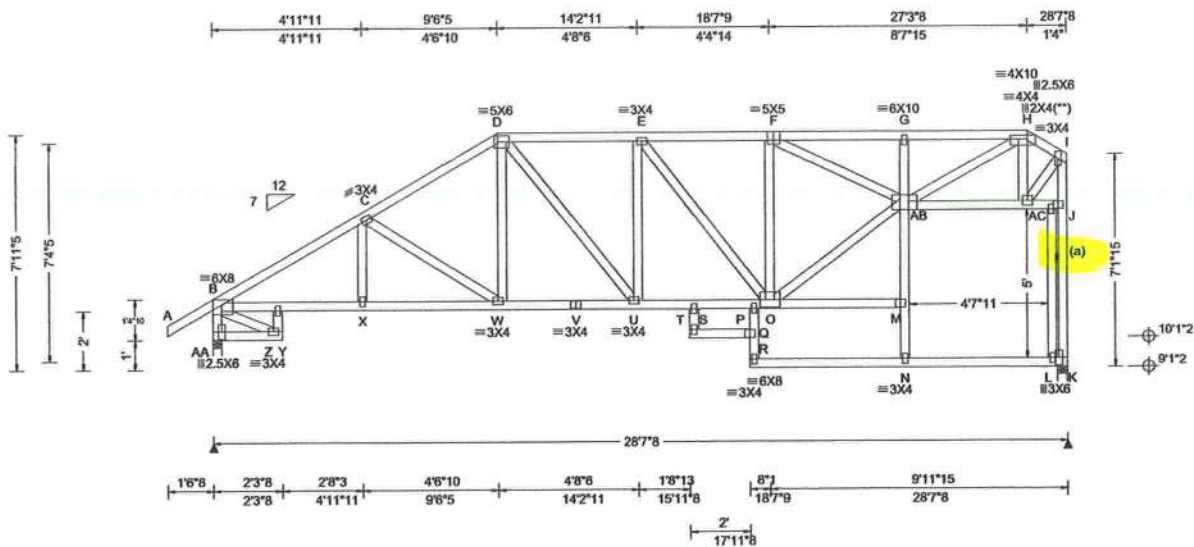
Additional Notes	Maximum Web Forces Per Ply (lbs)
The overall height of this truss excluding overhang is 8-1-5.	Webs Tens.Comp. Webs Tens. Comp.



COA #09278
06/19/2023
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: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.118 T 999 240 VERT(CL): 0.230 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: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL AA 1325 - / - / 783 / 211 / 195 K 1422 - / - / 609 / 234 - 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 817 -2051 F - G 1298 -2703 C - D 771 -1698 G - H 1311 -2728 D - E 822 -1587 H - I 398 -871 E - F 760 -1469

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.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



COA #0278

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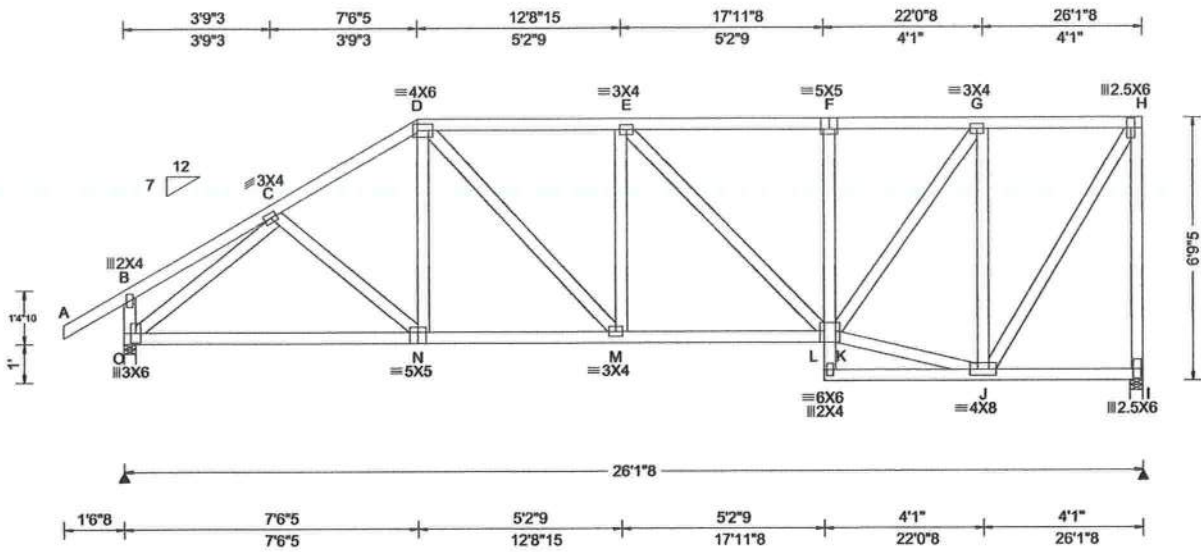
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)		Defl/CSI Criteria		▲ Maximum Reactions (lbs)	
TCLL: 20.00		Wind Std: ASCE 7-16		Pg: NA Ct: NA CAT: NA		PP Deflection in loc L/defl L/#		Gravity	
TCDL: 10.00		Speed: 130 mph		Pf: NA Ce: NA		VERT(LL): 0.053 E 999 240		Loc	R+ / R- / Rh
BCLL: 0.00		Enclosure: Closed		Lu: NA Cs: NA		VERT(CL): 0.108 E 999 180		O	1194 - / - / 714 / 195 / 180
BCDL: 10.00		Risk Category: II		Snow Duration: NA		HORZ(LL): 0.024 J - -		I	1083 - / - / 558 / 219 -
Des Ld: 40.00		EXP: C Kzt: NA				HORZ(TL): 0.050 J - -		Wind reactions based on MWFRS	
NCBCLL: 10.00		Mean Height: 15.00 ft		Building Code:		Creep Factor: 2.0		O	Brg Width = 3.5 Min Req = 1.5
Soffit: 2.00		TCDL: 5.0 psf		FBC 7th Ed. 2020 Res.		Max TC CSI: 0.459		I	Brg Width = 4.0 Min Req = 1.5
Load Duration: 1.25		BCDL: 5.0 psf		TPI Std: 2014		Max BC CSI: 0.630		Bearings O & I are a rigid surface.	
Spacing: 24.0 "		MWFRS Parallel Dist: h/2 to h		Rep Fac: Yes		Max Web CSI: 0.859		Members not listed have forces less than 375#	
		C&C Dist a: 3.00 ft		FT/RT:20(0)/10(0)				Maximum Top Chord Forces Per Ply (lbs)	
		Loc. from endwall: not in 9.00 ft		Plate Type(s):		VIEW Ver: 20.01.01A.0724.11		Chords	Tens.Comp.
		GCpi: 0.18		WAVE				C - D	643 - 1315
		Wind Duration: 1.60						D - E	757 - 1314
								E - F	662 - 1145

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 #0-278
06/19/2023
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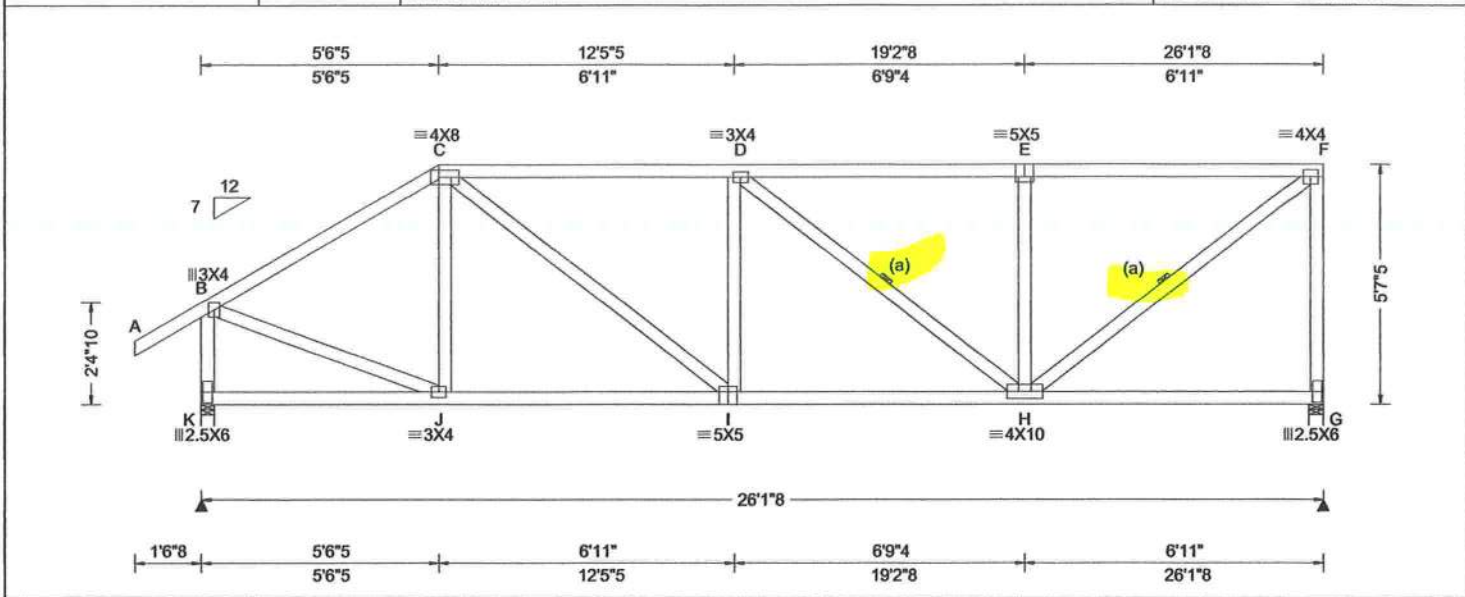
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.053 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: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K 1194 /- /- /691 /200 /139 G 1083 /- /- /550 /217 /- Wind reactions based on MWFRS K Brg Width = 3.5 Min Req = 1.5 G Brg Width = 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 584 -1158 D - E 654 -1105 C - D 820 -1368 E - F 654 -1105

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.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. J - I 932 -556 I - H 1379 -835 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - K 561 -1150 H - F 1395 -824 B - J 984 -423 E - H 463 -475 C - I 554 -357 F - G 679 -1027
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Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5'-7.5".

COA #06275
06/19/2023
Florida Certificate of Product Approval #FL 1999

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

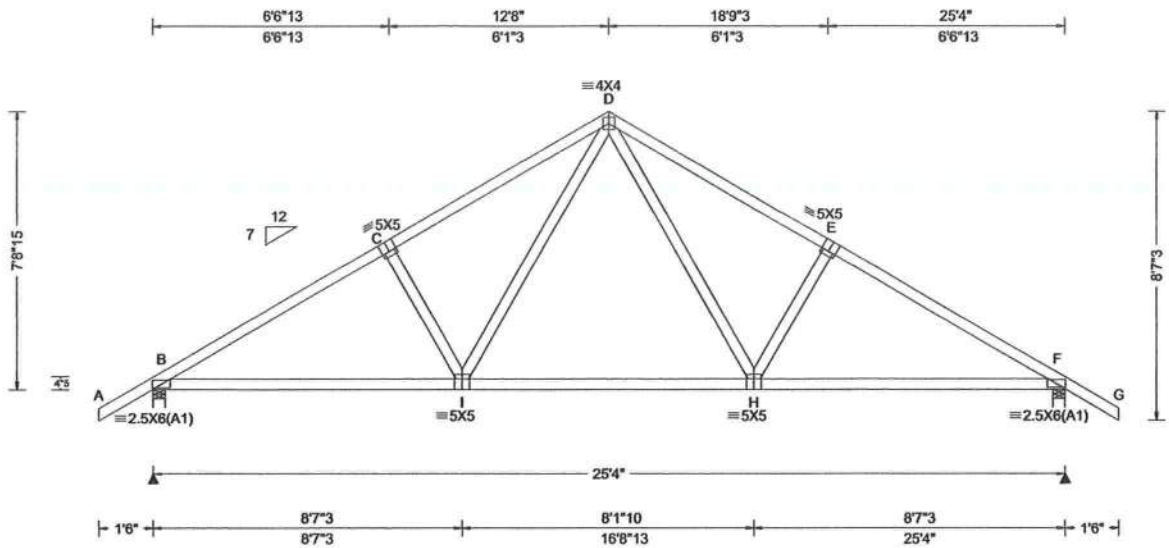
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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

SEQN: 367671 / FROM: CDM	COMN Ply: 1 Qty: 4	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: B01	Cust: R 215 JRef: 1XQ02150005 T16 / DrwNo: 170.23.1315.11277 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.064 I 999 240 VERT(CL): 0.123 I 999 180 HORZ(LL): 0.027 H - - HORZ(TL): 0.051 H - - Creep Factor: 2.0 Max TC CSI: 0.494 Max BC CSI: 0.804 Max Web CSI: 0.241 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1231 /- /- /692 /198 /235 F 1231 /- /- /692 /198 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 F Brg Width = 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 471 -1770 D - E 514 -1585 C - D 514 -1585 E - F 471 -1770

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 #0928

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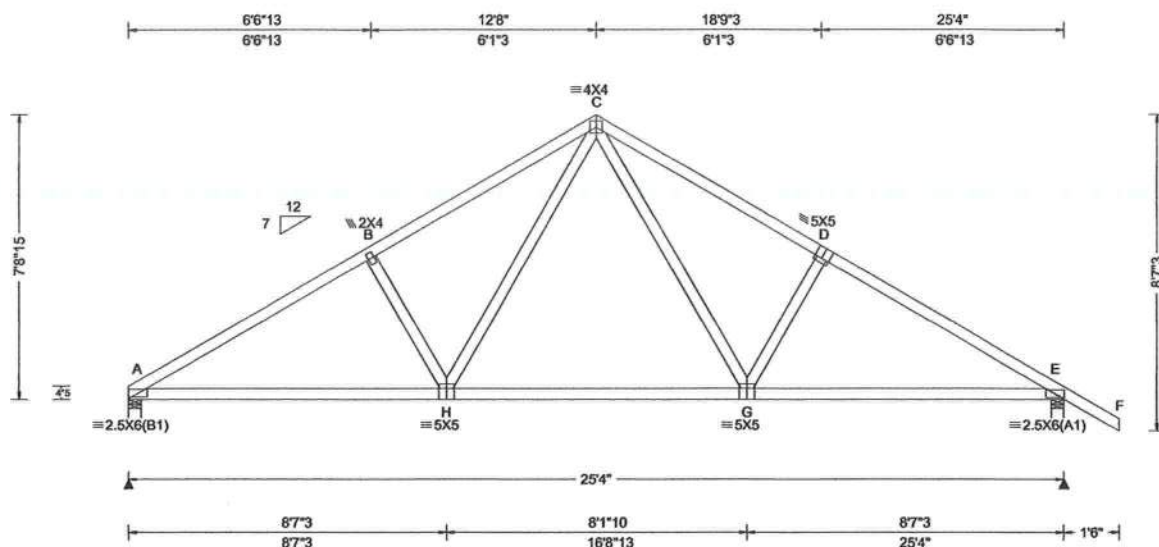
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCEA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367668 / FROM: CDM	COMN Qty: 6	Ply: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: B02	Cust: R 215 JRef: 1XQO2150005 T18 / DrwNo: 170.23.1315.11777 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.063 G 999 240 VERT(CL): 0.122 G 999 180 HORZ(LL): 0.027 G - - HORZ(TL): 0.051 G - - Creep Factor: 2.0 Max TC CSI: 0.545 Max BC CSI: 0.833 Max Web CSI: 0.249 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL A 1126 /- /- /606 /171 /218 E 1235 /- /- /692 /199 /- Non-Gravity Wind reactions based on MWFRS A Brg Width = 4.0 Min Req = 1.5 E Brg Width = 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 329 -1790 C - D 364 -1591 B - C 371 -1605 D - E 323 -1777

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

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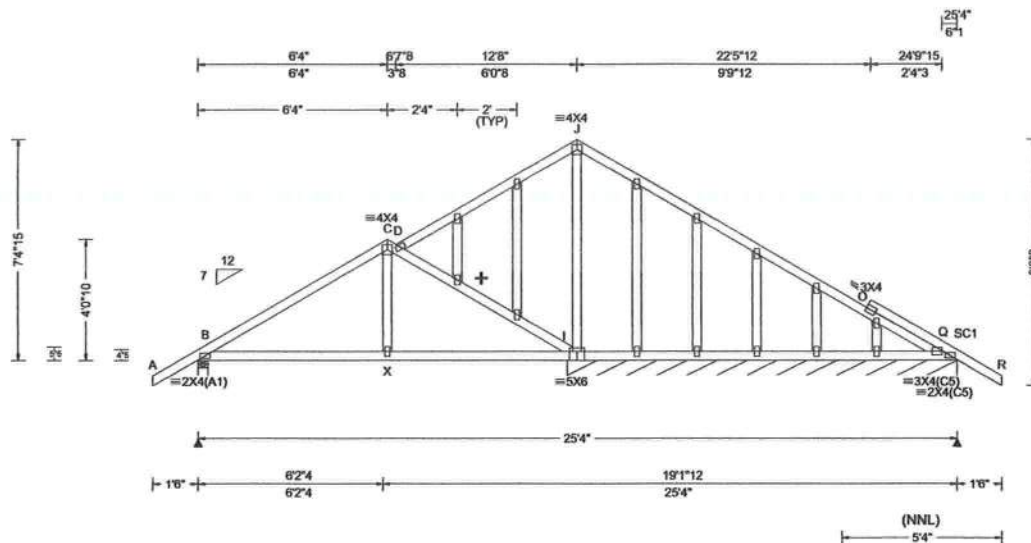
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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ALPINE
ANTW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367673 / FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: B03	Cust: R 215 JRef: 1XQO2150005 T17 / DrwNo: 170.23.1315.11716 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.039 G 999 240 VERT(CL): 0.080 G 999 180 HORZ(LL): 0.021 G - - HORZ(TL): 0.044 G - - Creep Factor: 2.0 Max TC CSI: 0.427 Max BC CSI: 0.445 Max Web CSI: 0.270 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 569 /- /- /377 /55 /248 Q* 134 /- /- /74 /- /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 Q Brg Width = 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 162 -520 D - I 305 -606 C - D 179 -397

Lumber

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

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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.

+ Member to be laterally braced for horizontal wind loads. bracing system to be designed and furnished by others.



COA #00278

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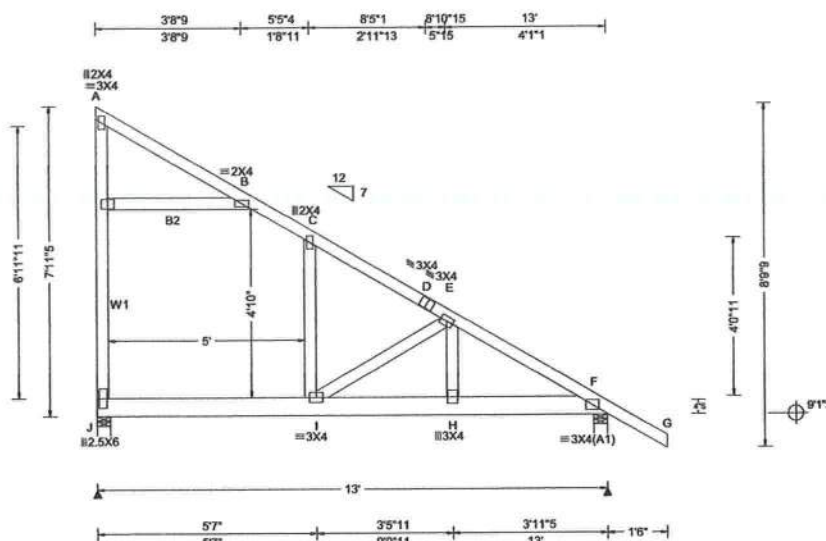
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 539572 / FROM: RFG	MONO Qty: 2	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: B04	Cust: R 215 JRef: 1XQ02150005 T42 / DrwNo: 170.23.1315.13152 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.367 C 420 240 VERT(CL): 0.758 C 203 180 HORZ(LL): -0.209 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: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL J 869 - / - / 388 /83 /218 F 742 - / - / 399 - / - 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 85 -1074

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;

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.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data, including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.



COA #09278

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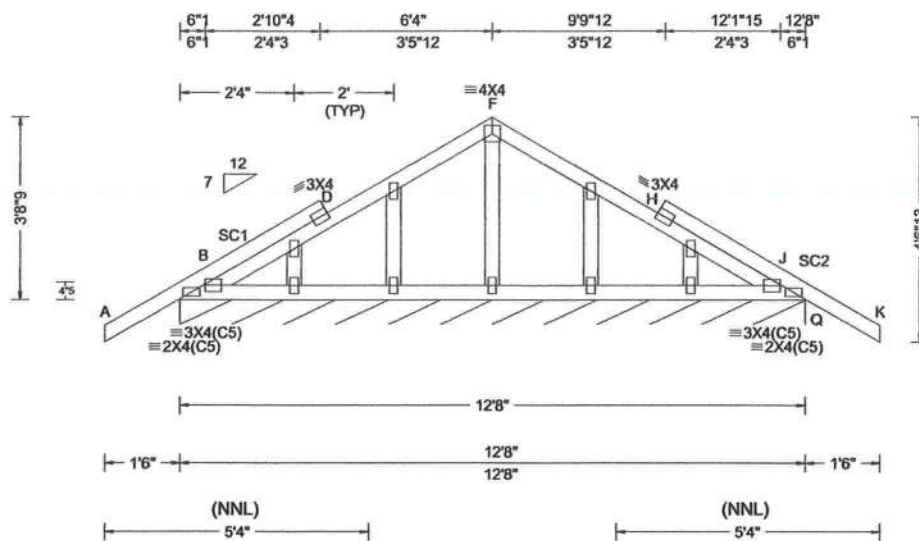
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 367621 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: B05	Cust: R 215 JRef:1XQO2150005 T15 / DrwNo: 170.23.1315.10777 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 D 999 240 VERT(CL): 0.003 D 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.243 Max BC CSI: 0.033 Max Web CSI: 0.032 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Q* 99 /- /- /50 /- /4 Wind reactions based on MWFRS Q Brg Width = 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.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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 #09278

06/19/2023
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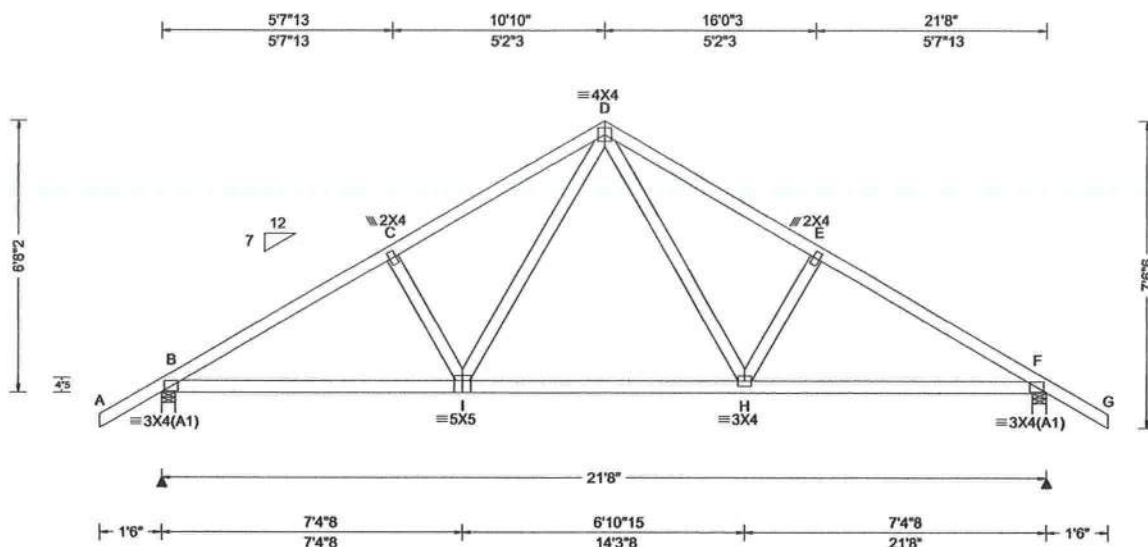
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367587 / FROM: CDM	COMN Ply: 1 Qty: 4	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: C01	Cust: R 215 JRef: 1XQO2150005 T12 / DrwNo: 170.23.1315.11731 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.045 H 999 240 VERT(CL): 0.088 H 999 180 HORZ(LL): 0.019 H - - HORZ(TL): 0.036 H - - Creep Factor: 2.0 Max TC CSI: 0.347 Max BC CSI: 0.608 Max Web CSI: 0.196 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1054 /- /- /604 /173 /207 F 1054 /- /- /604 /173 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 F Brg Width = 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 451 -1464 D - E 488 -1308 C - D 489 -1307 E - F 451 -1465

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 #00078

06/19/2023
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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - I	1193 -244	H - F	1194 -257
I - H	812 -59		

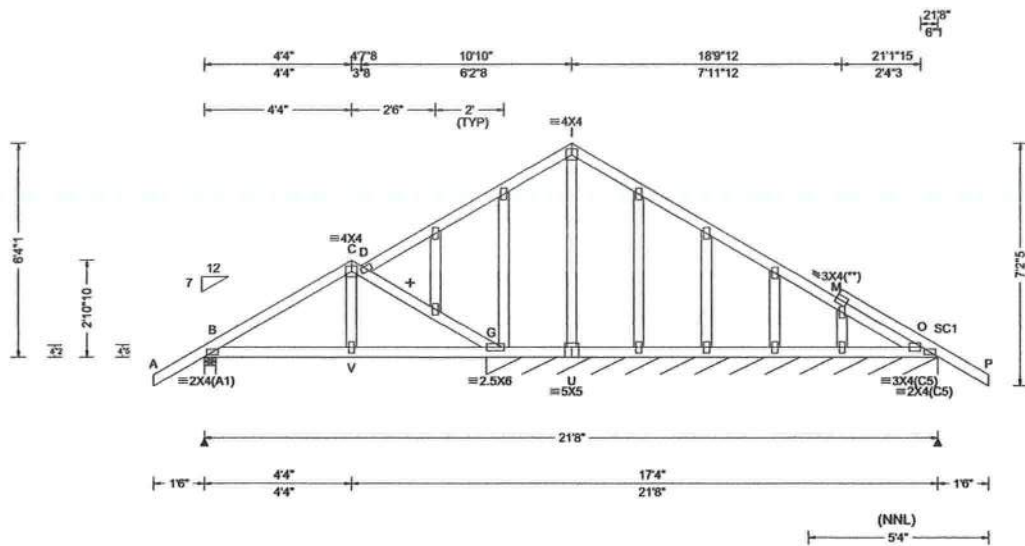
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
I - D	512 -167	D - H	514 -166

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367675 / FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: C02	Cust: R 215 JRef: 1XQO2150005 T13 / DrwNo: 170.23.1315.10716 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * = PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.009 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: 0.117 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 429 /- /- /282 /33 /210 O* 118 /- /- /66 /- /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 O Brg Width = 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;
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.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in noticable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6. The overall height of this truss excluding overhang is 6'-4".

+ Member to be laterally braced for horizontal wind loads. bracing system to be designed and furnished by others.



COA #0278

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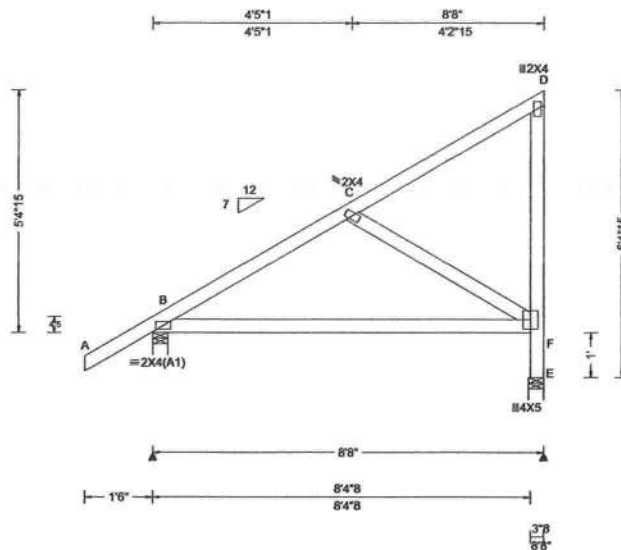
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367607 / FROM: CDM	MONO Qty: 1	Ply: 1 Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: C03	Cust: R 215 JRef: 1XQ02150005 T25 / DrwNo: 170.23.1315.10731 KD / WHK 06/19/2023
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Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria			▲ Maximum Reactions (lbs)								
TCLL: 20.00		Wind Std: ASCE 7-16		Pg: NA Ct: NA CAT: NA			PP Deflection in loc L/defl L/#			Gravity			Non-Gravity					
TCDL: 10.00		Speed: 130 mph		Pf: NA Ce: NA			VERT(LL): 0.007 F 999 240			Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
BCLL: 0.00		Enclosure: Closed		Lu: NA Cs: NA			VERT(CL): 0.024 F 999 180			B	473	/-	/-	/316	/32	/203		
BCDL: 10.00		Risk Category: II		Snow Duration: NA			HORZ(LL): 0.004 F - -			E	344	/-	/-	/249	/113	/-		
Des Ld: 40.00		EXP: C Kzt: NA					HORZ(TL): 0.015 F - -			Wind reactions based on MWFRS								
NCBCLL: 10.00		Mean Height: 15.00 ft		Building Code:			Creep Factor: 2.0			B			Brg Width = 4.0			Min Req = 1.5		
Soffit: 2.00		TCDL: 5.0 psf		FBC 7th Ed. 2020 Res.			Max TC CSI: 0.333			E			Brg Width = 4.0			Min Req = 1.5		
Load Duration: 1.25		BCDL: 5.0 psf		TPI Std: 2014			Max BC CSI: 0.596			Bearings B & E are a rigid surface. Members not listed have forces less than 375#								
Spacing: 24.0 "		MWFRS Parallel Dist: h/2 to h		Rep Fac: Yes			Max Web CSI: 0.234											
		C&C Dist a: 3.00 ft		FT/RT: 20(0)/10(0)			VIEW Ver: 20.01.01A.0724.11											
		Loc. from endwall: not in 9.00 ft		Plate Type(s):														
		GCpi: 0.18		WAVE														
		Wind Duration: 1.60																

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

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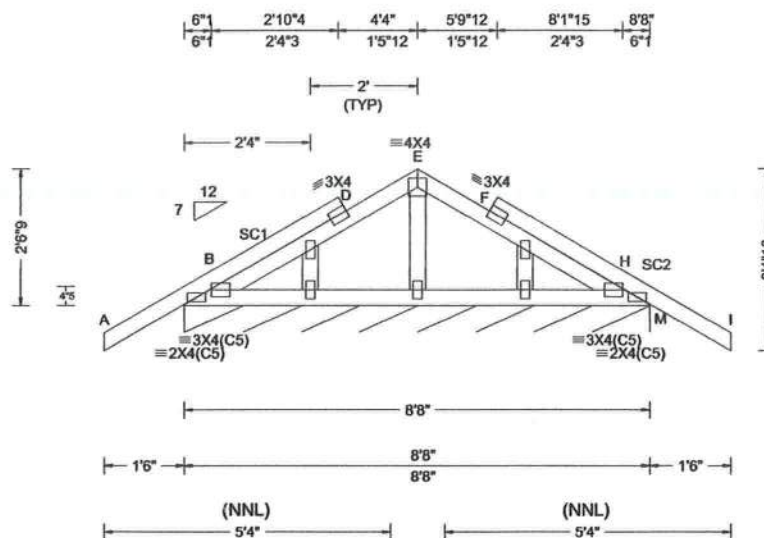
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ALPINE
AN ITW COMPANY
6750 Forum Drive
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Orlando FL, 32821

SEQN: 367625 / FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: C04	Cust: R215 JRef: 1XQO2150005 T11 / DrwNo: 170.23.1315.11652 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCCL: 10.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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: 0.278 Max BC CSI: 0.033 Max Web CSI: 0.028 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M* 107 /- /- /53 /- /5 Wind reactions based on MWFRS M Brg Width = 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.

Additional Notes

See DWGS A14015ENC160118 & GBULLETIN0118 for gable wind bracing and other requirements.

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

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



COA #0278

06/19/2023
Florida Certificate of Product Approval #FL 1999

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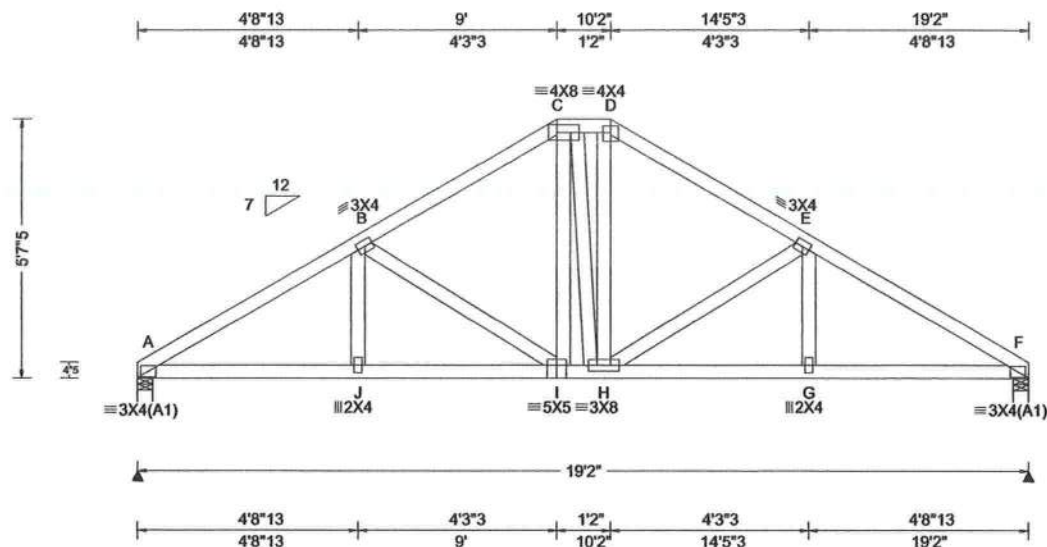
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AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367627 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: D01	Cust: R215 JRef: 1XQ02150005 T4 / DrwNo: 170.23.1315.11247 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.029 I 999 240 VERT(CL): 0.061 I 999 180 HORZ(LL): 0.014 G - - HORZ(TL): 0.029 G - - Creep Factor: 2.0 Max TC CSI: 0.267 Max BC CSI: 0.313 Max Web CSI: 0.192 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 797 /- /- /459 /131 /135 F 797 /- /- /459 /131 /- Wind reactions based on MWFRS A Brg Width = 4.0 Min Req = 1.5 F Brg Width = 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 292 -1238 D - E 281 -889 B - C 283 -894 E - F 292 -1237 C - D 274 -711

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 #07248

06/19/2023 Florida Certificate of Product Approval #FL 1999

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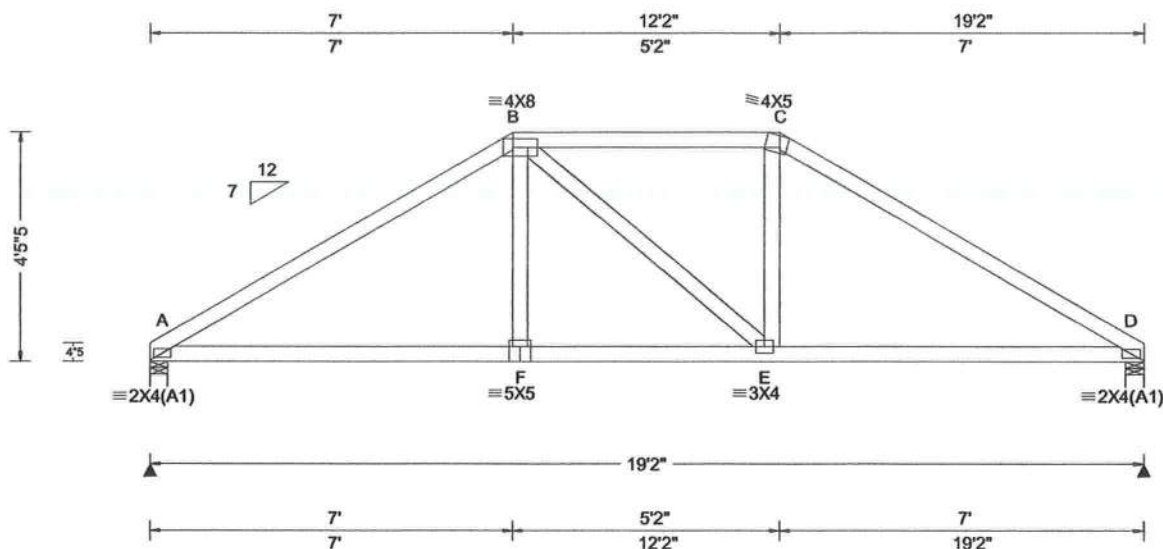
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367594 / FROM: CDM	HIPS	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: D02	Cust: R 215 JRef: 1XQO2150005 T1 / DrwNo: 170.23.1315.11076 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.020 F 999 240 VERT(CL): 0.042 F 999 180 HORZ(LL): 0.012 E - - HORZ(TL): 0.024 E - - Creep Factor: 2.0 Max TC CSI: 0.584 Max BC CSI: 0.510 Max Web CSI: 0.093 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 797 /- /- /457 /134 /105 D 797 /- /- /457 /134 /- Wind reactions based on MWFRS A Brg Width = 4.0 Min Req = 1.5 D Brg Width = 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 470 -1129 C - D 470 -1128 B - C 460 -898

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".



COA #0-278

Florida Certificate of Product Approval #FL 1999

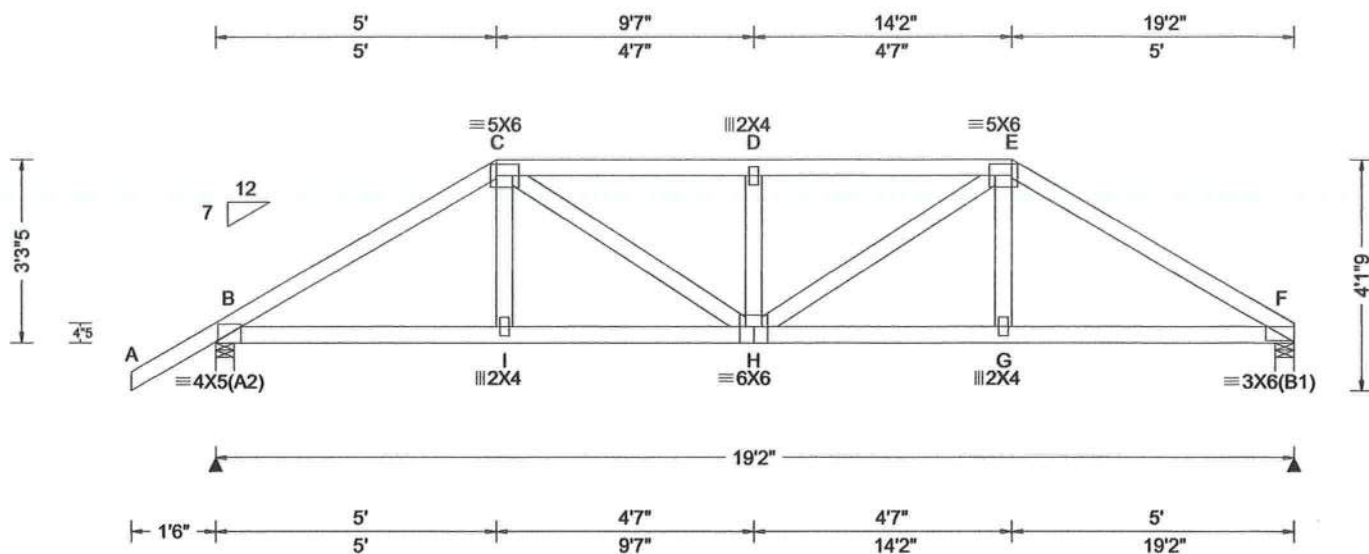
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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Orlando FL, 32821



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.090 D 999 240 VERT(CL): 0.181 D 999 180 HORZ(LL): 0.031 G - - HORZ(TL): 0.064 G - - Creep Factor: 2.0 Max TC CSI: 0.700 Max BC CSI: 0.727 Max Web CSI: 0.296 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 1576 /- /- /- /286 /- F 1467 /- /- /- /248 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.9 F Brg Width = 4.0 Min Req = 1.7 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 427 -2463 D - E 445 -2719 C - D 445 -2719 E - F 437 -2485

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: 210 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 #00278

Florida Certificate of Product Approval #FL 1999

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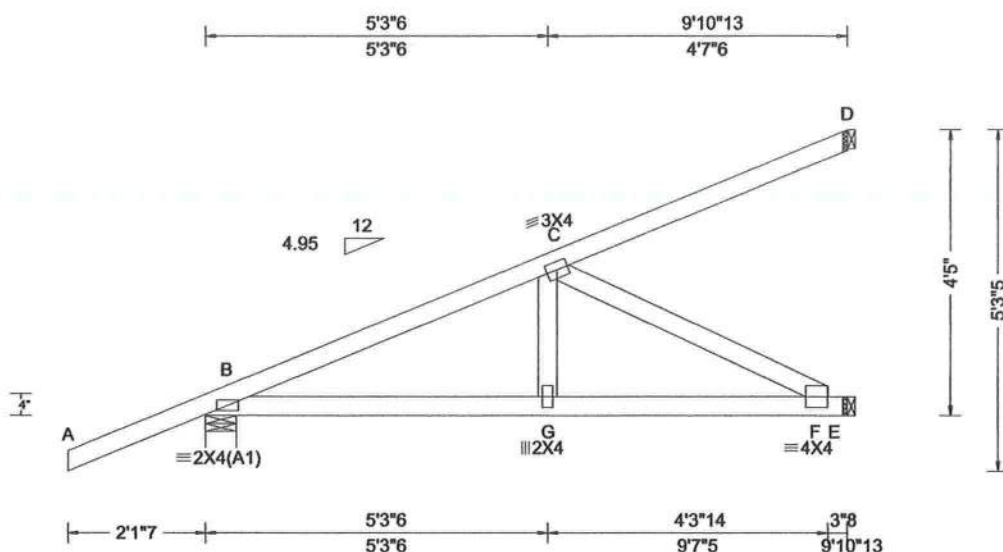
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367629 / FROM: CDM	HIP_	Ply: 1 Qty: 2	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: HJ01	Cust: R215 JRef: 1XQO2150005 T38 / DrwNo: 170.23.1315.11324 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.020 G 999 240 VERT(CL): 0.039 G 999 180 HORZ(LL): 0.005 F - - HORZ(TL): 0.009 F - - Creep Factor: 2.0 Max TC CSI: 0.607 Max BC CSI: 0.644 Max Web CSI: 0.313 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 372 /- /- /- /211 /- E 340 /- /- /- /88 /- D 79 /- /- /- /31 /- Wind reactions based on MWFRS B Brg Width = 5.7 Min Req = 1.5 E Brg Width = 1.5 Min Req = - D Brg Width = 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 252 -624

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: -44 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 #0078

06/19/2023 Florida Certificate of Product Approval #FL 1999

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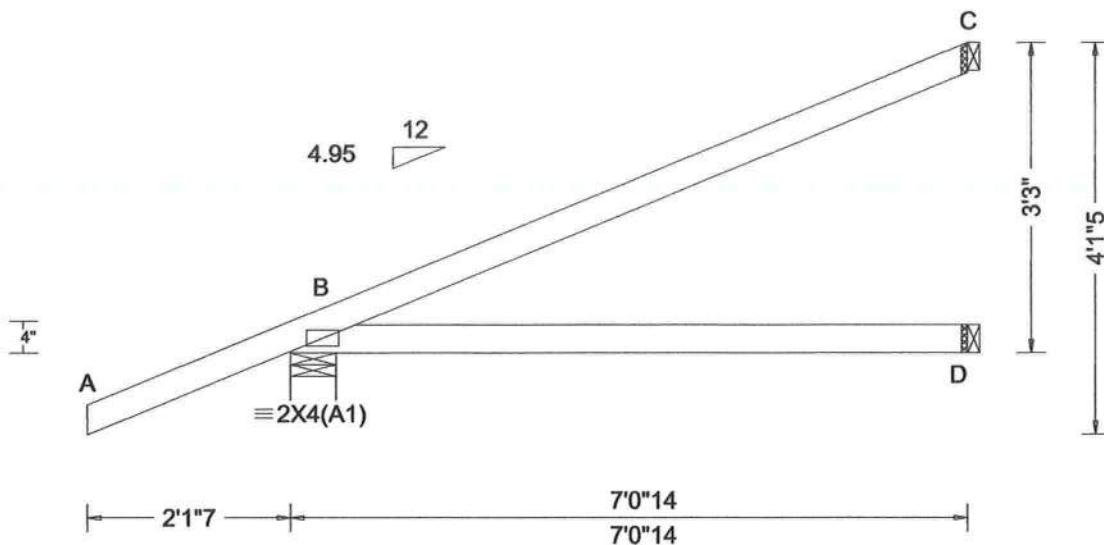
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367630 / FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: HJ02	Cust: R 215 JRef: 1XQO2150005 T8 / DrwNo: 170.23.1315.11466 KD / WHK 06/19/2023
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Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
TCLL: 20.00	TCDL: 10.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/def L/#	Gravity			Non-Gravity			
BCLL: 0.00	BCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Des Ld: 40.00	NCBCLL: 10.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B	287	/-	/-	/-	/162	/-
Soffit: 2.00	Load Duration: 1.25	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.012 D - -	D	127	/-	/-	/-	/8	/-
Spacing: 24.0 "		EXP: C Kzt: NA		HORZ(TL): 0.022 D - -	C	77	/-	/-	/-	/48	/-
		Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS						
		TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.537	B	Brg Width = 5.7			Min Req = 1.5		
		BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.496	D	Brg Width = 1.5			Min Req = -		
		MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.000	C	Brg Width = 1.5			Min Req = -		
		C&C Dist a: 3.00 ft	FT/RT: 20(0)/10(0)		Bearing B is a rigid surface.						
		Loc. from endwall: not in 4.50 ft	Plate Type(s):		Members not listed have forces less than 375#						
		GCpi: 0.18									
		Wind Duration: 1.60	WAVE	VIEW Ver: 20.01.01A.0724.11							

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: -44 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

06/19/2023
Florida Certificate of Product Approval #FL 1999

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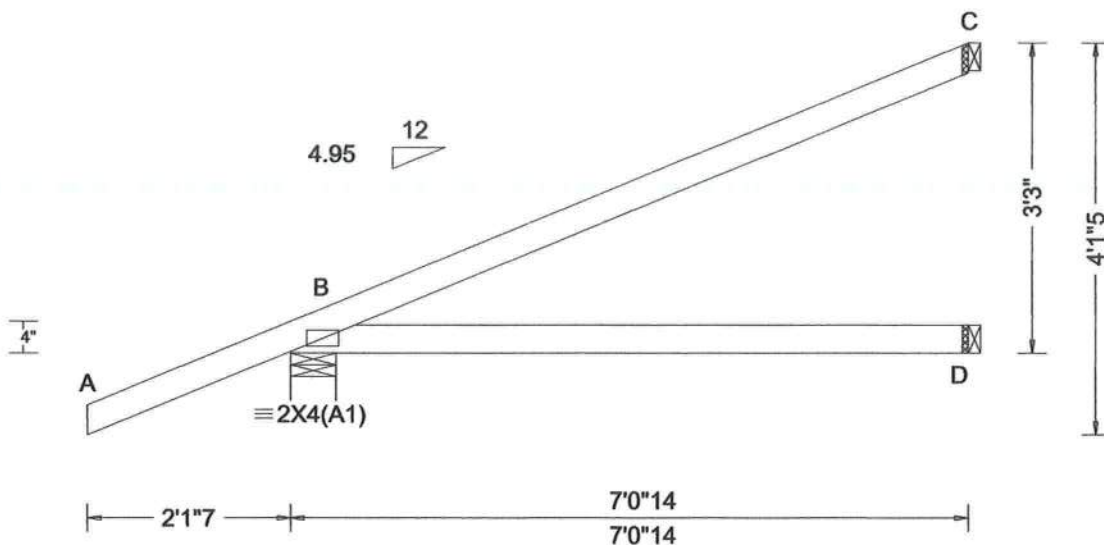
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367631 / FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: HJ03	Cust: R215 JRef: 1XQO2150005 T29 / DrwNo: 170.23.1315.11465 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.013 D - - HORZ(TL): 0.022 D - - Creep Factor: 2.0 Max TC CSI: 0.618 Max BC CSI: 0.512 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL B 287 /- /- /- /164 /- D 127 /- /- /- /9 /- C 81 /- /- /- /51 /- Wind reactions based on MWFRS B Brg Width = 5.7 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 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: -44 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 #0928

06/19/2023
Florida Certificate of Product Approval #FL 1999

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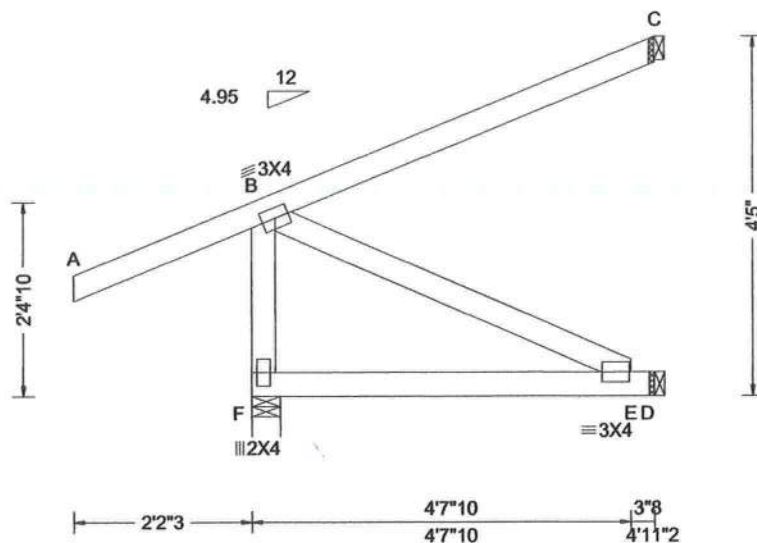
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367628 / FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: HJ04	Cust: R 215 JRef: 1XQO2150005 T31 / DrwNo: 170.23.1315.11059 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.006 E 999 240 VERT(CL): 0.013 E 999 180 HORZ(LL): 0.003 B - - HORZ(TL): 0.006 B - - Creep Factor: 2.0 Max TC CSI: 0.347 Max BC CSI: 0.413 Max Web CSI: 0.093 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity F 329 /- /- /- /125 /- D 99 /- /- /- /9 /- /- C 47 /- /- /- /43 /- Wind reactions based on MWFRS F Brg Width = 4.2 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 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: 98 lb Conc. Load at -0.03
TC: 129 lb Conc. Load at 2.16
TC: -4 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 #00278

Florida Certificate of Product Approval #FL 1999

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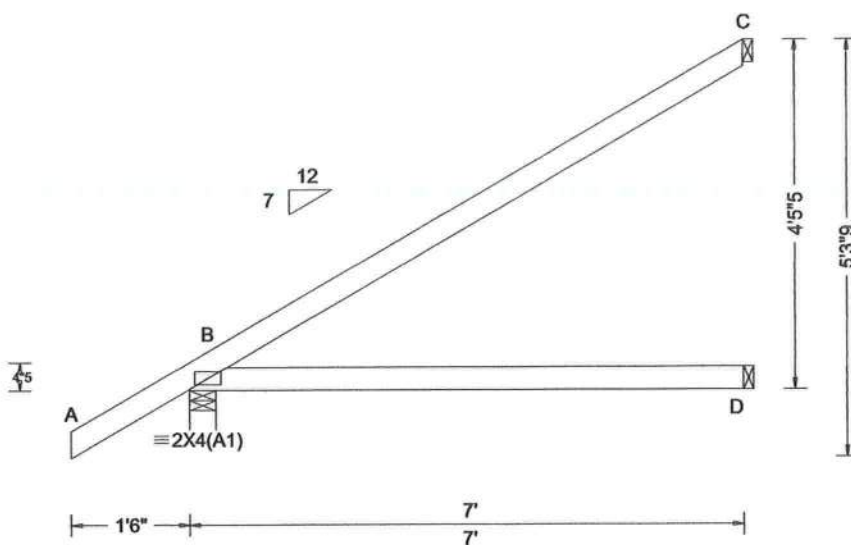
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367563 / FROM: CDM	EJAC Qty: 28	Ply: 1 Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J01	Cust: R 215 JRef: 1XQO2150005 T37 / DrwNo: 170.23.1344.49736 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 D - - HORZ(TL): 0.027 D - - Creep Factor: 2.0 Max TC CSI: 0.707 Max BC CSI: 0.520 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 412 /- /- /279 /34 /168 D 130 /- /- /73 /- /- C 190 /- /- /124 /103 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 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".



COA #00278

06/19/2023
Florida Certificate of Product Approval #FL 1999

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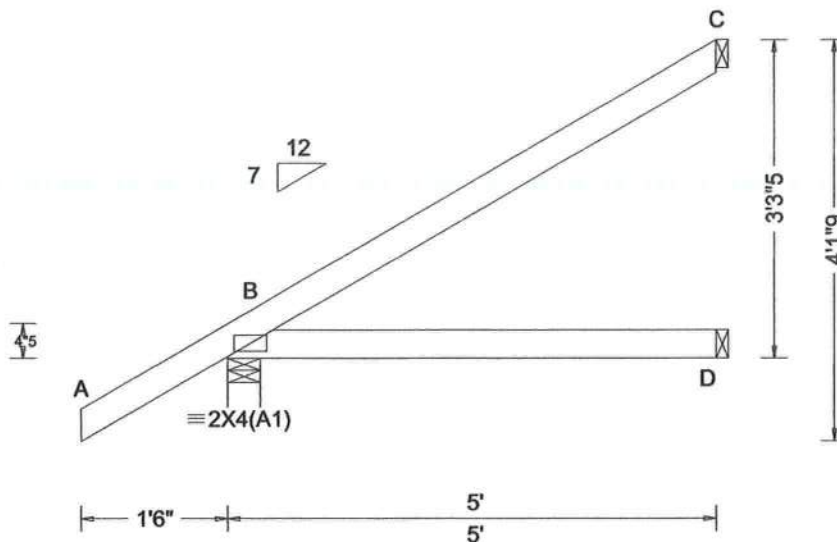
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367569 / FROM: CDM	EJAC Ply: 1 Qty: 6	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J02	Cust: R 215 JRef: 1XQO2150005 T7 / DwnNo: 170.23.1315.11574 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)					
				Gravity			Non-Gravity		
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/def L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U / RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	B	335	/-	/-	/232	/3 /91
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	D	90	/-	/-	/52	/- /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 D - -	C	129	/-	/-	/83	/46 /-
Des Ld: 40.00	EXP: C Kzt: NA	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	HORZ(TL): 0.008 D - -	Wind reactions based on MWFRS					
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	B	Brg Width = 4.0		Min Req = 1.5		
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.337	D	Brg Width = 1.5		Min Req = -		
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.251	C	Brg Width = 1.5		Min Req = -		
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h		Max Web CSI: 0.000	Bearing B is a rigid surface.					
	C&C Dist a: 3.00 ft		Members not listed have forces less than 375#						
	Loc. from endwall: not in 9.00 ft								
	GCpi: 0.18								
	Wind Duration: 1.60								

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

Florida Certificate of Product Approval #FL 1999

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IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

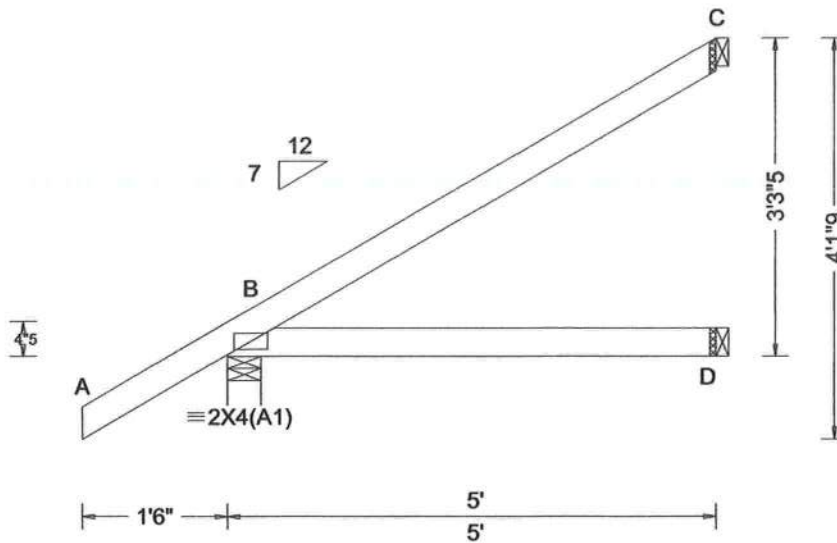
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367576 / FROM: CDM	JACK Qty: 5	Ply: 1 Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J03	Cust: R 215 JRef: 1XQO2150005 T36 / DrwNo: 170.23.1315.10746 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 D - - HORZ(TL): 0.008 D - - Creep Factor: 2.0 Max TC CSI: 0.376 Max BC CSI: 0.251 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 335 /- /- /232 /34 /127 D 90 /- /- /52 /- /- C 129 /- /- /83 /71 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 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

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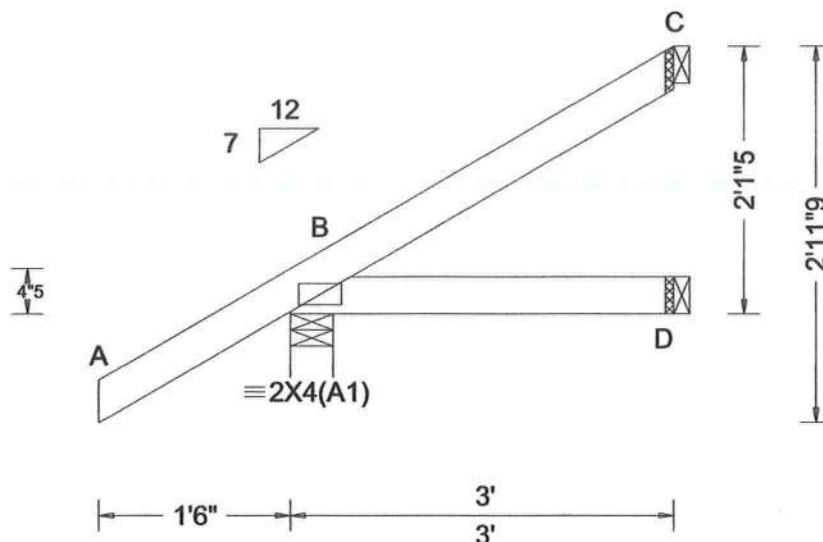
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SEQN: 367592 / FROM: CDM	JACK Qty: 7	Ply: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J04	Cust: R 215 JRef: 1XQO2150005 T5 / DrwNo: 170.23.1315.10778 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.232 Max BC CSI: 0.076 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 265 /- /- /192 /36 /86 D 50 /- /- /32 /- /- C 63 /- /- /38 /38 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 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'-11".



COA #0278

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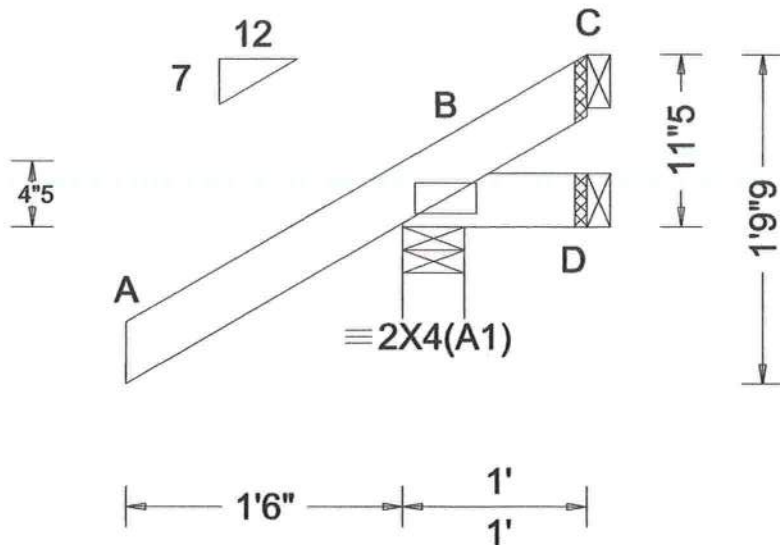
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Orlando FL, 32821

SEQN: 367564 / FROM: CDM	JACK Qty: 8	Ply: 1 Qty: 8	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J05	Cust: R215 JRef: 1XQO2150005 T6 / DrwNo: 170.23.1315.11090 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.300 Max BC CSI: 0.038 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 257 /- /- /207 /62 /44 D 5 /-17 /- /15 /16 /- C - /-55 /- /35 /55 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 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 #0-218

06/19/2023
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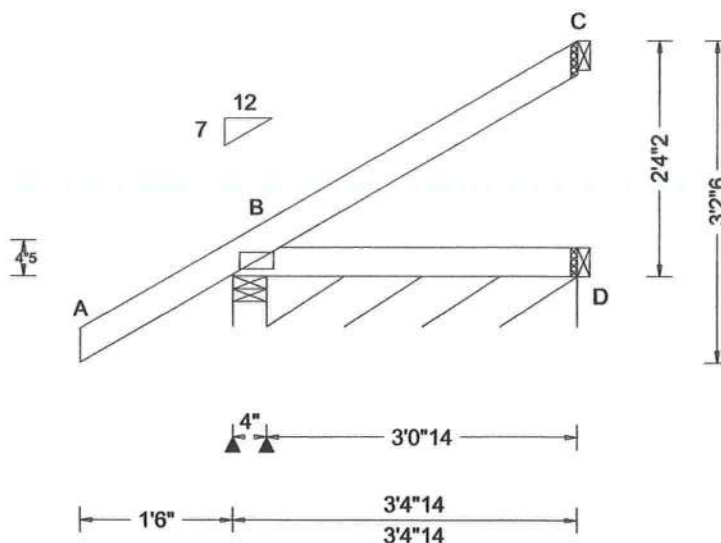
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Orlando FL, 32821

SEQN: 367613 / FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J06	Cust: R215 JRef: 1XQO2150005 T43 / DrwNo: 170.23.1315.11121 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.000 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.300 Max BC CSI: 0.040 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 258 /- /- /184 /37 /94 D* 25 /- /- /20 /1 /- D 24 /- /- /13 /- /- C 74 /- /- /45 /46 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 36.9 Min Req = - D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearings B & B are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

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



COA #0-278

06/19/2023 Florida Certificate of Product Approval #FL 1999

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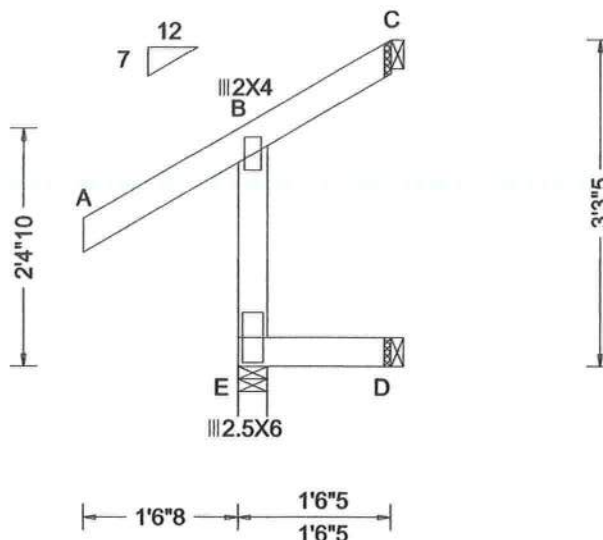
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AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367610 / FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J07	Cust: R215 JRef: 1XQO2150005 T53 / DrwNo: 170.23.1315.11481 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.000 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: 0.246 Max BC CSI: 0.028 Max Web CSI: 0.097 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 221 /- /- /195 /76 /- D 31 /- /- /15 /- /- C - /-4 /- /47 /47 /56 Wind reactions based on MWFRS E Brg Width = 3.5 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

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

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 #0-278

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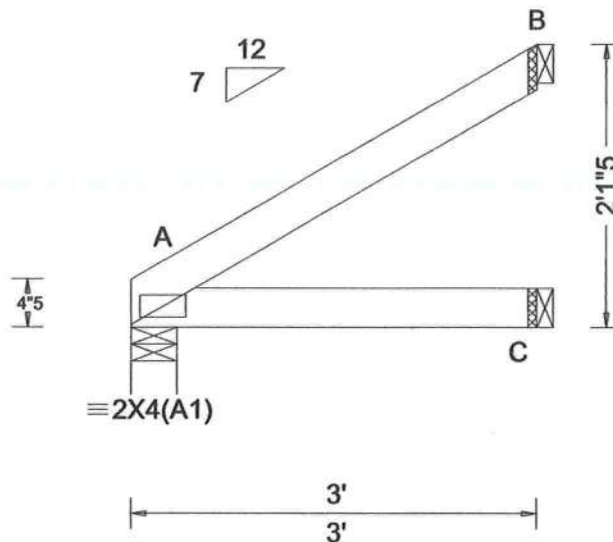
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367604 / FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: J08	Cust: R 215 JRef: 1XQO2150005 T3 / DrwNo: 170.23.1315.11075 KD / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.135 Max BC CSI: 0.093 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 131 /- /- /81 /- /60 C 55 /- /- /33 /- /- B 82 /- /- /55 /45 /- Wind reactions based on MWFRS A Brg Width = 4.0 Min Req = 1.5 C Brg Width = 1.5 Min Req = - B Brg Width = 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 #0248

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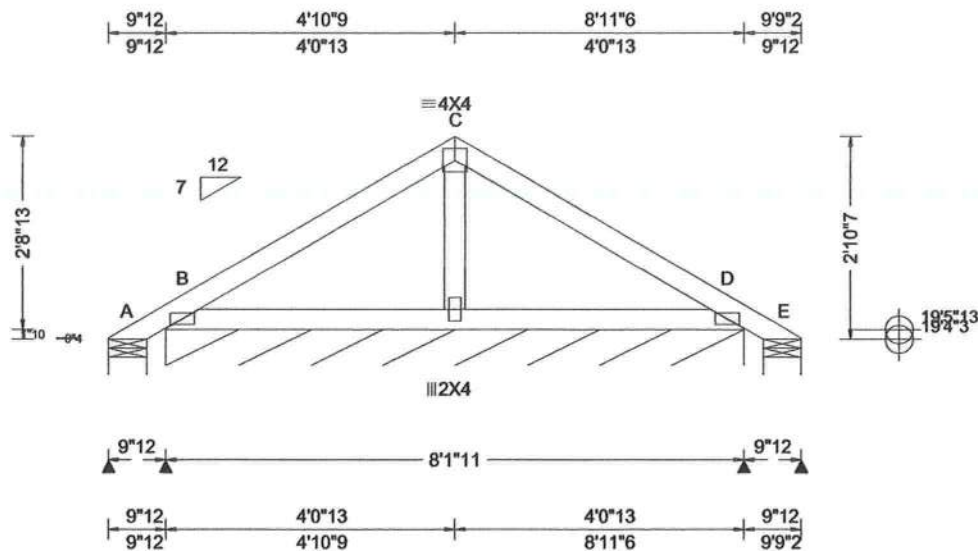
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 539442 / FROM: RFG	SPEC Ply: 1 Qty: 8	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: PB01	Cust: R 215 JRef: 1XQO2150005 T26 / DrwNo: 170.23.1315.12730 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.40 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 13.00 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 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: 0.187 Max BC CSI: 0.079 Max Web CSI: 0.024 VIEW Ver: 22.02.00.0914.12	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A - /-73 /- /68 /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.

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind

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

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

Refer to drawing PB160101014 for piggyback detail. Top chord of supporting truss under piggyback to be braced @ 24" O.C., unless otherwise specified.



COA #0078

Florida Certificate of Product Approval #FL 1999

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

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

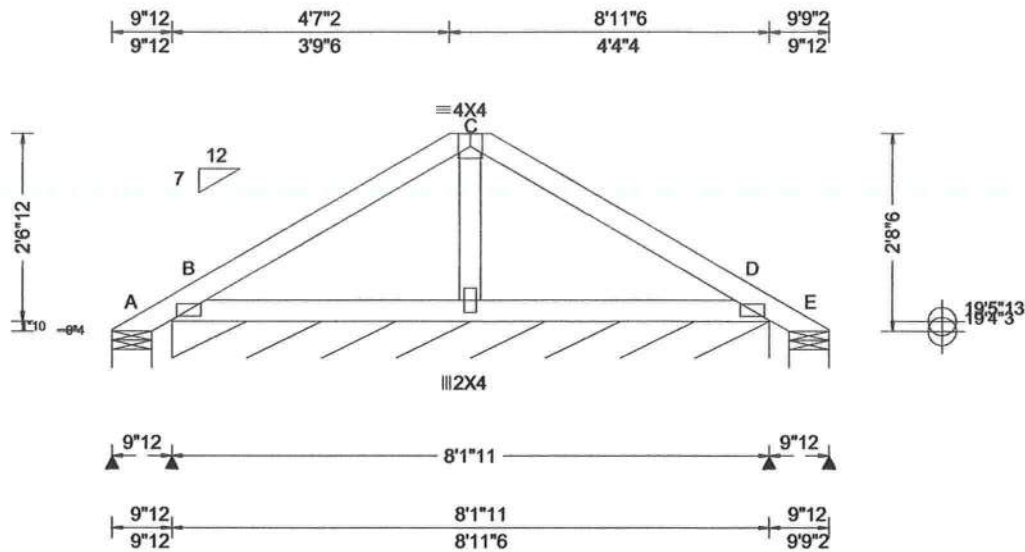
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

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

SEQN: 539444 / FROM: RFG	SPEC	Ply: 1 Qty: 1	Job Number: 23-9628 Lot 14 Hunter's Ridge - GL Truss Label: PB02	Cust: R 215 JRef: 1XQO2150005 T51 / DrwNo: 170.23.1315.13105 GA / WHK 06/19/2023
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed 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 GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.003 B 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.187 Max BC CSI: 0.078 Max Web CSI: 0.024 VIEW Ver: 22.02.00.0914.12	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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.

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind

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

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

Refer to drawing PB160101014 for piggyback detail. Top chord of supporting truss under piggyback to be braced @ 24" O.C., unless otherwise specified.



COA #0278

Florida Certificate of Product Approval #FL 1999

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

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

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

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

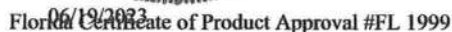
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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155 Harlem Ave
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Glenview, IL 60025

The drawing shows a roof truss with the following dimensions and labels:

- Top Chords:** Labeled $\equiv 4 \times 4$ C and $\equiv 4 \times 4$ E.
- Bottom Chords:** Labeled $\equiv 2 \times 4 (A1)$ at the ends.
- Vertical Members:** Labeled J, H, and J.
- Diagonal Members:** Labeled B and F.
- Labels:** A, B, C, E, F, G, H, J.
- Dimensions:**
 - Top: $9'12''$, $4'$, $5'9''2$, $8'11''6$, $9'9''2$.
 - Bottom: $9'12''$, $3'2''4$, $1'9''3$, $3'2''4$, $9'12''$.
 - Left Side: $2'2''10$, $1'10$.
 - Right Side: $2'4''4$.
 - Center: $3'4''$, $8'13''$ (TYP).
 - Bottom Right: $19'5''13$, $19'4''3$.

For more information see these web sites: Alpine: alpinetw.com, I.T.I.: itist.org, SBCA: sbcatcomponents.com, ICC: iccsale.org, AWWC: awwc.org



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Glenview, IL 60025

$C, K_Z t = 1.00$

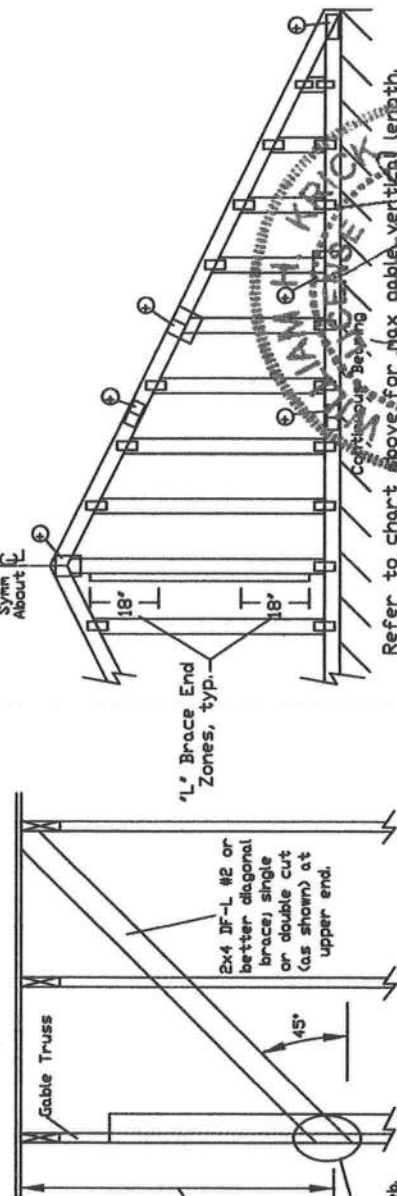
Dr: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
 Dr: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00
 Dr: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

2x4 Gable Vertical Spacing		Brace		No Braces	(1) 1x4 "L" Brace ■ (2) 2x4 "L" Brace ■■ (3) 2x4 "L" Brace ■■■ (4) 2x6 "L" Brace ■■■■ (5) 2x6 "L" Brace ■■■■■											
		Species	Grade		Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B		
Max Gable Vertical Length	SPF	#1 / #2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 3'	10' 6"	13' 4'	14' 0"	14' 0'	14' 0'		
			4' 1"	6' 7"	7' 1"	8' 6"	8' 10"	10' 1"	10' 1'	10' 1'	10' 6"	13' 4'	13' 10"	14' 0'	14' 0'	
	HF	Standard	4' 1"	5' 8"	6' 0"	7' 7"	8' 1"	10' 1"	10' 1'	10' 1'	10' 6"	11' 10"	12' 8"	14' 0'	14' 0'	
			4' 6"	7' 4"	7' 8"	8' 8"	9' 0"	10' 4"	10' 4'	10' 4'	10' 9"	13' 6"	14' 0"	14' 0'	14' 0'	
	24" O.C.	SP	#2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 3'	10' 6"	13' 6"	14' 0"	14' 0'	14' 0'	
4' 2"				6' 0"	6' 4"	7' 11"	8' 6"	10' 2"	10' 2'	10' 2'	10' 7"	12' 5"	13' 4"	14' 0"	14' 0'	
DFL		Standard	4' 2"	6' 0"	6' 4"	7' 11"	8' 6"	10' 2"	10' 2'	10' 2'	10' 7"	12' 5"	13' 4"	14' 0"	14' 0'	
			4' 0"	5' 3"	5' 7"	7' 11"	8' 6"	10' 2"	10' 2'	10' 2'	10' 7"	12' 5"	13' 4"	14' 0"	14' 0'	
16" O.C.		SPF	#1 / #2	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	11' 8'	12' 2"	14' 0"	14' 0'	14' 0'	14' 0'	
	4' 8"			8' 1"	8' 8"	9' 8"	10' 1"	11' 7"	11' 7'	11' 7'	12' 1"	14' 0"	14' 0'	14' 0'	14' 0'	
	HF	Standard	4' 8"	8' 1"	8' 8"	9' 8"	10' 1"	11' 7"	11' 7'	11' 7'	12' 1"	14' 0"	14' 0'	14' 0'	14' 0'	
			4' 8"	6' 11"	7' 5"	9' 3"	9' 11"	11' 7"	11' 7'	11' 7'	12' 1"	14' 0"	14' 0'	14' 0'	14' 0'	
	12" O.C.	SP	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	11' 10'	12' 4"	14' 0"	14' 0'	14' 0'	14' 0'	
4' 11"				8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	11' 8'	11' 8'	12' 2"	14' 0"	14' 0'	14' 0'	14' 0'	
DFL		#3	4' 9"	7' 4"	7' 9"	9' 9"	10' 2"	11' 8"	11' 8'	11' 8'	12' 1"	14' 0"	14' 0'	14' 0'	14' 0'	
			4' 9"	7' 4"	7' 9"	9' 9"	10' 2"	11' 8"	11' 8'	11' 8'	12' 1"	14' 0"	14' 0'	14' 0'	14' 0'	
12" O.C.		SPF	Standard	4' 8"	6' 5"	6' 10"	8' 7"	9' 2"	11' 7"	11' 7'	12' 1"	13' 6"	14' 0"	14' 0'	14' 0'	
	5' 5"			9' 2"	9' 6"	10' 10"	11' 3"	11' 8"	11' 8'	11' 8'	13' 5"	14' 0"	14' 0'	14' 0'	14' 0'	
	HF	#3	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	12' 9'	12' 9'	13' 3"	14' 0"	14' 0'	14' 0'	14' 0'	
			5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	12' 9'	12' 9'	13' 3"	14' 0"	14' 0'	14' 0'	14' 0'	
	12" O.C.	SP	#1	5' 1"	8' 0"	8' 6"	10' 8"	11' 1"	12' 9"	12' 9'	13' 3"	14' 0"	14' 0'	14' 0'	14' 0'	
5' 8"				9' 3"	9' 8"	10' 11"	11' 4"	13' 0"	13' 0'	13' 0'	13' 6"	14' 0"	14' 0'	14' 0'	14' 0'	
DFL		#2	5' 5"	9' 2"	9' 6"	10' 10"	11' 3"	12' 11"	12' 11'	12' 11'	13' 5"	14' 0"	14' 0'	14' 0'	14' 0'	
			5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	12' 10'	12' 10'	13' 4"	14' 0"	14' 0'	14' 0'	14' 0'	
DFL		Standard	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	12' 10'	12' 10'	13' 4"	14' 0"	14' 0'	14' 0'	14' 0'	
	5' 1"		7' 5"	7' 11"	9' 11"	10' 7"	12' 9"	12' 9'	12' 9'	13' 3"	14' 0"	14' 0'	14' 0'	14' 0'		

Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 450# at each end. Max web total length is 14'.

Vertical length shown
in table above.

Connect diagonal at midpoint of vertical web.



Refer to chart above for max cable vertical length.

[illegible]

Alphacore, a division of ITV 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, or bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional liability by the drafter. The actuality and use of this drawing, engineering responsibility, and safety for the design shall be the responsibility of the Building Designer per ANSI/TPI 1 Sec 2.2. For more information see this job's general notes page and these web sites:

REF	ASCE7-16-GAB14015
DATE	01/26/2018
DRWG	A14015ENC160118

MAX. TOT. LD. 60 PSF
06/19/2023
State of Product Approval #11-
RAY SBXKINP-3407

COA #0278
Florida Certif

Florida Certificate of Product Approval #FL-1999
MAY 20 1999

Gable Stud Reinforcement Detail

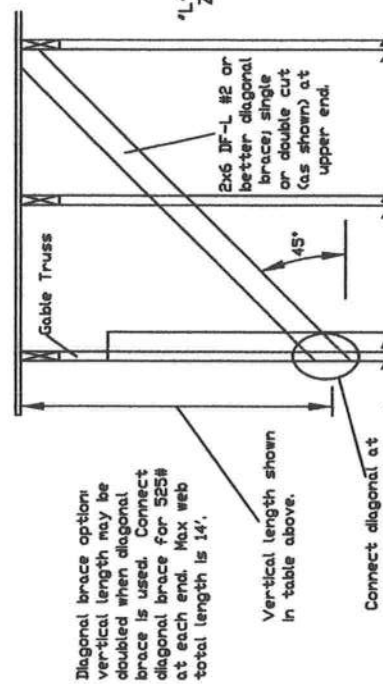
ASCE 7-16: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or 120 mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

Or 120 mph Wind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Or 100 mph wind speed, 30' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

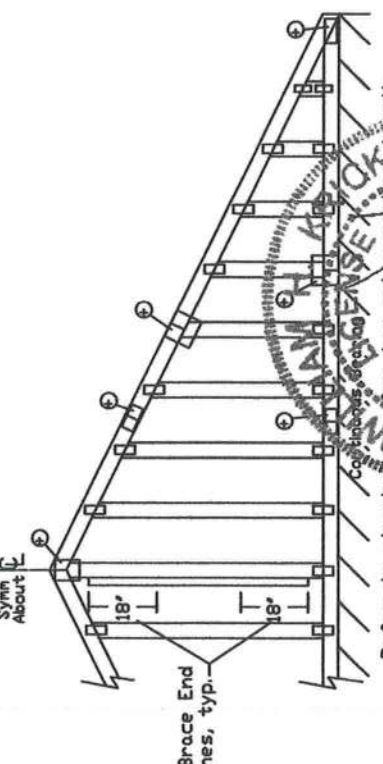
2x4 Gable Vertical Spacing		Brace		No Braces	(1) 1x4 "L" Brace				(1) 2x4 "L" Brace				(2) 2x4 "L" Brace				(1) 2x6 "L" Brace				(2) 2x6 "L" Brace			
		Species	Grade		Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B				
Max Gable Vertical Length	12" o.c.	SPF	#1 / #2	4' 1"	6' 11"	7' 2"	8' 2"	8' 6"	9' 9"	10' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
			#3	3' 10"	6' 2"	6' 7"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
		HF	Stud	3' 10"	6' 2"	6' 6"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"				
			Standard	3' 10"	5' 3"	5' 7"	7' 1"	7' 6"	9' 6"	10' 0"	11' 0"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"				
	24" o.c.	SP	#1	4' 2"	7' 0"	7' 3"	8' 3"	8' 7"	9' 10"	10' 3"	13' 0"	13' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
			#2	4' 1"	6' 11"	7' 2"	8' 2"	8' 6"	9' 9"	10' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
		DFL	#3	4' 0"	5' 7"	5' 11"	7' 5"	7' 11"	9' 8"	10' 1"	11' 7"	12' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
			Stud	4' 0"	5' 7"	5' 11"	7' 5"	7' 11"	9' 8"	10' 1"	11' 7"	12' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
	16" o.c.	SPF	Standard	3' 9"	4' 11"	5' 13"	6' 6"	7' 0"	8' 10"	9' 6"	10' 3"	11' 0"	13' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
			#1 / #2	4' 8"	7' 11"	8' 3"	9' 4"	9' 9"	11' 2"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
		HF	#3	4' 5"	7' 6"	8' 3"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
			Stud	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
	12" o.c.	SP	Standard	4' 5"	6' 5"	6' 10"	8' 7"	9' 2"	10' 10"	11' 6"	13' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
			#1	4' 10"	8' 0"	8' 4"	9' 6"	9' 10"	11' 3"	11' 9"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
		DFL	#2	4' 8"	7' 11"	8' 3"	9' 4"	9' 9"	11' 2"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
			#3	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"					
12" o.c.	SPF	Stud	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
		Standard	4' 5"	6' 0"	6' 5"	8' 0"	8' 7"	10' 10"	11' 6"	12' 7"	13' 15"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
	HF	#1 / #2	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	11' 2"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
		#3	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
12" o.c.	SPF	Stud	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
		Standard	4' 10"	7' 5"	7' 11"	9' 11"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
	SP	#1	5' 4"	8' 10"	9' 2"	10' 5"	10' 10"	12' 5"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
		#2	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	12' 3"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
DFL	#3	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						
	Stud	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"						



Diagonal brace optional. Vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 525# at each end. Max web total length is 14'.

Vertical length shown in table above.

Connect diagonal at midpoint of vertical web.



Refer to chart above for max gable vertical length.

Continuous bracing required.

Sym About C

'L' Brace End Zones, typ.

2x6 DF-L #2 or better diagonal brace; single or double cut (as shown) at upper end.

Gable Truss

45°

Connect diagonal at midpoint of vertical web.

Bracing Group Species and Grades		Group A		Group B	
Spruce-Pine-Fir	#1 / #2	Standard	Standard	Standard	Standard
	#3	Stud	Stud	Stud	Stud
Douglas Fir-Larch		Group A		Group B	
#1	Standard	Standard	Standard	Standard	Standard
	Stud	Stud	Stud	Stud	Stud
Southern Pine		Group A		Group B	
#1	Standard	Standard	Standard	Standard	Standard
	Stud	Stud	Stud	Stud	Stud
Douglas Fir-Larch		Group A		Group B	
#1	Standard	Standard	Standard	Standard	Standard
	Stud	Stud	Stud	Stud	Stud
Southern Pine		Group A		Group B	
#1	Standard	Standard	Standard	Standard	Standard
	Stud	Stud	Stud	Stud	Stud

1x4 Braces shall be SR3 (Stress-Rated Board). For 1x4 So. Pine use only Industrial 35 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:
Wind Load deflection criterion is L/240.
Provide uplift connections for 100 pif over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12' plywood overhang.

Attach 'L' braces with 10d (0.128"x3.0" min) nails.
* For (1) 'L' brace: space nails at 2' o.c. in 18' end zones and 4' o.c. between zones.
* For (2) 'L' braces: space nails at 3' o.c. in 18' end zones and 6' o.c. between zones.
'L' bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes		No Splice	
Vertical Length	Less than 4' 0"	2X4	2X4
	Greater than 4' 0", but less than 11' 6"	3X4	3X4
Vertical Length	Greater than 11' 6"	4X4	4X4
	Greater than 11' 6"	4X4	4X4

* Refer to common truss design for peak, splice, and heel plates.
Refer to the Building Designer for conditions not addressed by this detail.

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

IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING. THE INSTALLER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the manufacturer's instructions for details. The truss shall be installed in accordance with the manufacturer's instructions. The truss shall be installed in accordance with the manufacturer's instructions. The truss shall be installed in accordance with the manufacturer's instructions.

For more information see this job's general notes page and these web sites:
www.alpineanitw.com
www.alpineanitw.com

MAX. TOT. LD. 60 PSF

06/19/2023

COA #0 278

Florida Certified Professional Engineer

No. 70861

STATE OF FLORIDA

PROFESSIONAL ENGINEER

REF ASCE7-16-GABI4030

DATE 01/26/2018

DRWG A14030ENC160118

Member Substitution

Notes:

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

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

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

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

If-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.

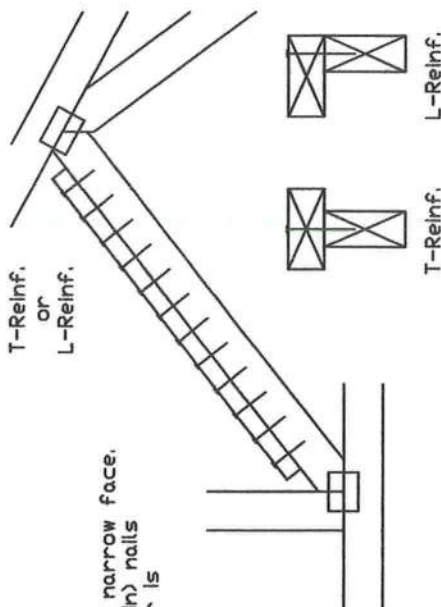
Center scab on wide face of web. Apply (1) scab to each face of web.

T-Reinforcement

30

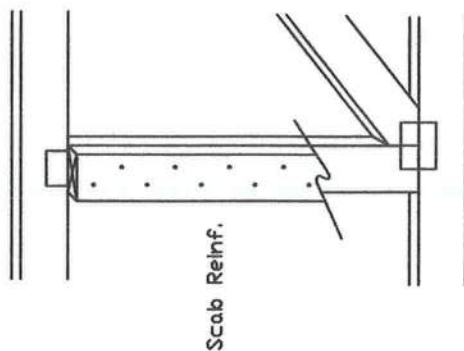
L-Reinforcement:

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



Scab Reinforcement:

Apply scab(s) to wide face of web.
No more than (1) scab per face.
Attach with 10d (0.128"x3.0",min) nails
at 6" o.c. Reinforcing member is a
minimum 80% of webmember length.



If-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.

[illegible]

Alpha, a division of ITT Building Components Group Inc. shall not be responsible for any deviations from the design shown on drawings furnished by customers or for handling, shipping or installation of the product.

For more information see this Job's general notes page and these web sites:

IC LL	PSF	REF	CLR Subst;
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TC DL	PSF	DATE	01/02/19
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BC DL	PSF	DRWG	BRCLBSUB0119
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COA # 0278
Florida Certificate of Product Approval #FL 1999

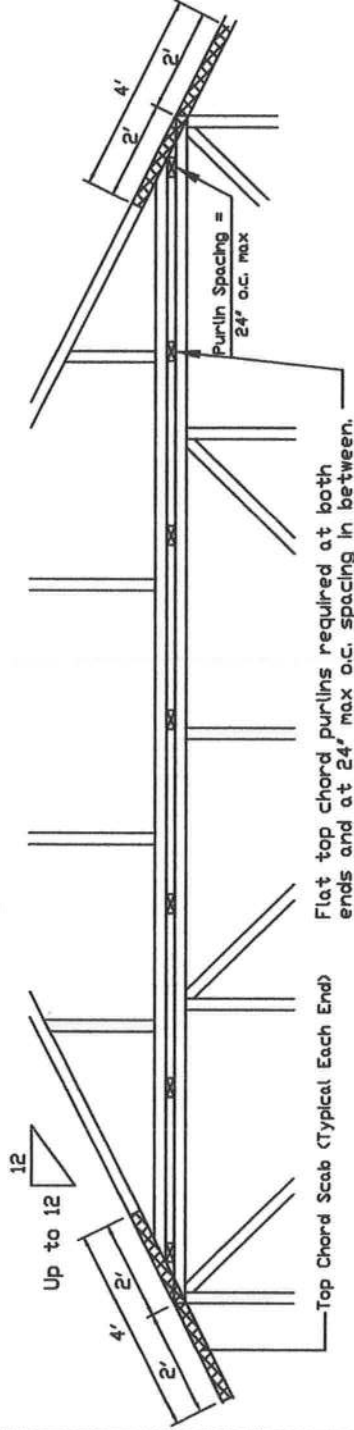
Piggyback Detail - ASCE 7-16: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-16, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0, Dir 140 mph Wind, 30.00 ft Mean Hgt, ASCE 7-16, 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 Engineer of Record 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.

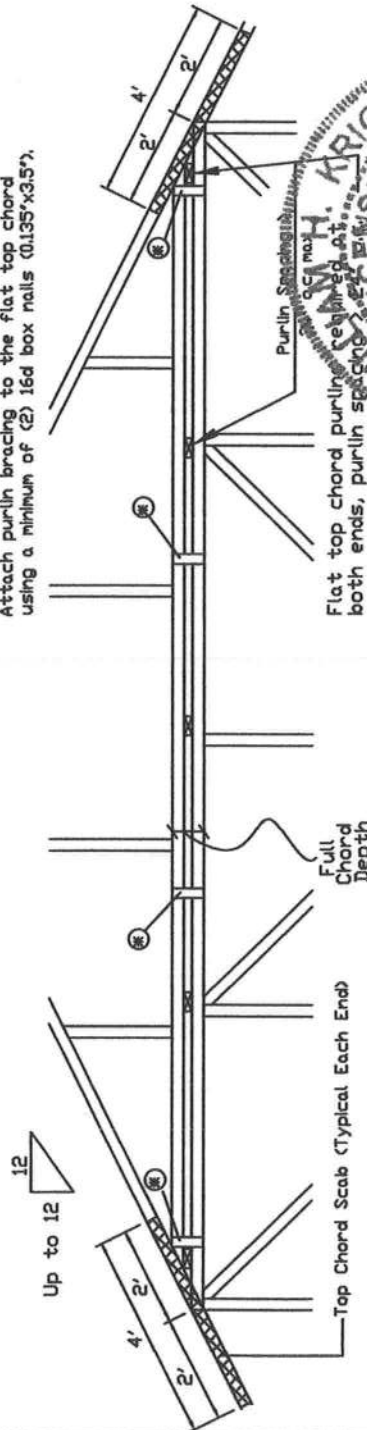
Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Detail A : Purlin Spacing = 24" o.c. or less



Flat top chord purlins required at both ends and at 24' max o.c. spacing in between.

Detail B : Purlin Spacing > 24" o.c.



Note: If purlins or sheathing are not specified on the flat top of the truss, purlins must be installed at 24' o.c. max. and use Detail A.

Piggyback cap truss slant nailed to all top chord 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").

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 Trulux plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate attached 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.

* In addition, provide connection with one of the following methods:

Trulux Use 3X8 Trulux plates for 2x4 chord member, and 3X10 Trulux 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. Trulux 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) 1/2" 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 Use 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach teeth 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.

INSTALLER MUST READ AND FOLLOW ALL NOTES ON THIS DRAWING INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the safety instructions, erection, and bracing instructions for the truss manufacturer. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 1504-2 for standard plate positions. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from the design shown, any failure of the truss or the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, or any other use of the truss. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see this job's general notes page and these web sites: www.alpineinc.com, www.itwbc.com, www.tpi.org, www.ansi.org

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 70881
H. KRICK
LICENSE

REF PIGGYBACK
DATE 01/02/2018
DRWG PB160160118

06/19/2023
COA #0 278
Florida Certified Professional Engineer
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