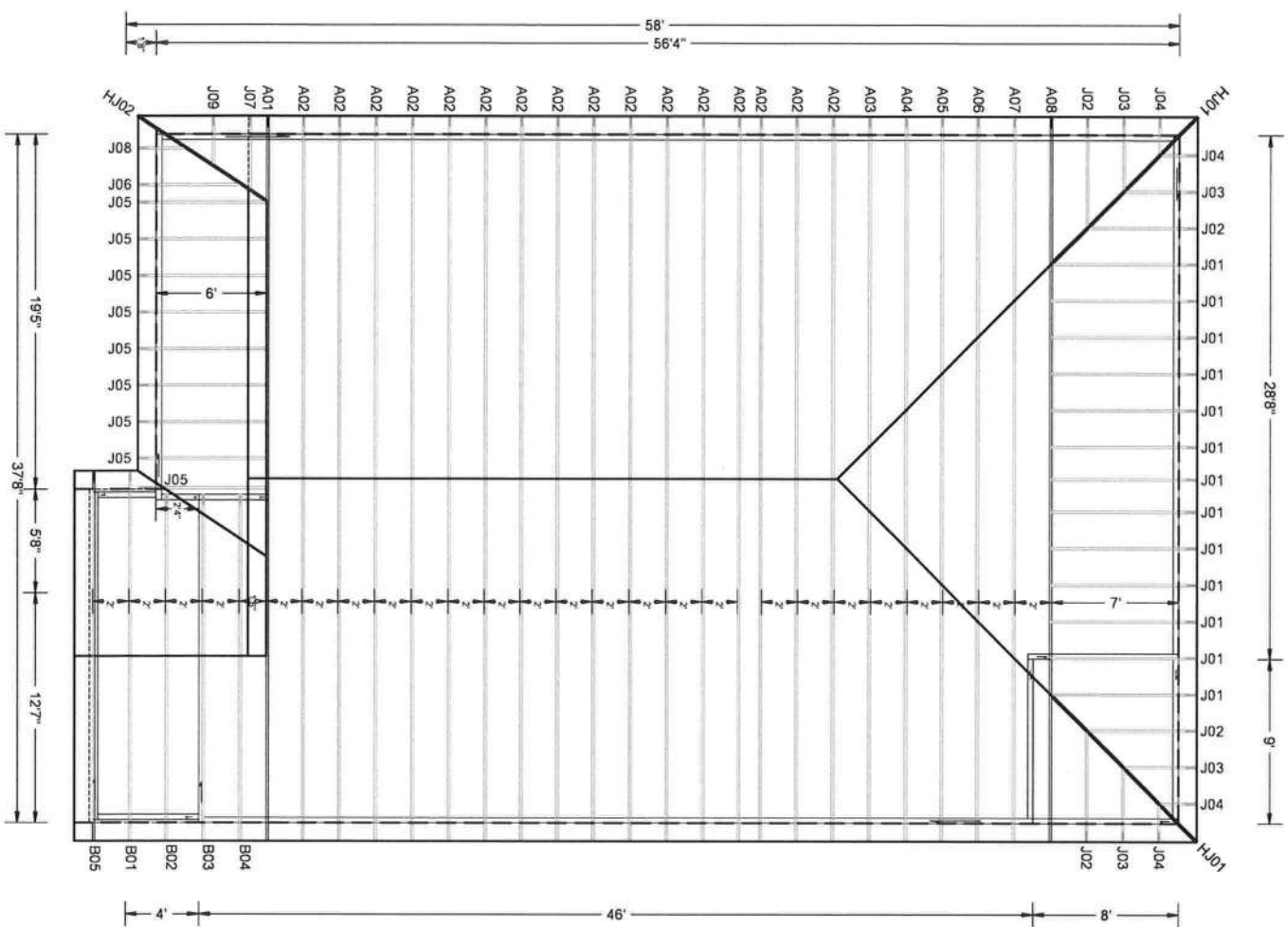




W.B. Howland Truss Co.
610 11th St. SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)
howlandtruss@gmail.com

ROOF PITCH: 6/12
OVERHANG: 12"
CEILING: FLAT
EXT. WALLS: FRAME
LOADING: 40 TL
WIND LOAD: 130
CATEGORY: II
EXPOSURE: C
DEFLECTION: 360/240
DATE: 8/13/21



Reviewed for Code Compliance
Universal Engineering Sciences

Chris McCall
R42707

EXAMINER - LICENSE NO.

JOB #: 21-5898

Job Name: Reserve at Jewel Lake 43
Customer: Century Complete
Designer: Chris McCall
ADDRESS:
SALESMAN: Fill in later
: <Not Found>

JOB NO:
21-5898

PAGE NO:
1 OF 1



This document has been electronically signed and sealed using a Digital Signature. Printed copies without an original signature must be verified using the original electronic version.



FL REG# 278, Yoonhwak Kim, FL PE #86367

Alpine, an ITW Company
6750 Forum Drive, Suite 305
Orlando, FL 32821
Phone: (800)755-6001
www.alpineitw.com



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Universal Engineering Sciences

[Handwritten Signature] Pf 2707
EXAMINER - LICENSE NO.

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 21-5898
Job Description: Reserve at Jewel Lake 43 - Covington B - GL	
Address:	

Job Engineering Criteria:		
Design Code: FBC 7th Ed. 2020 Res	IntelliVIEW Version: 21.01.01A	
	JRef #: 1X7X2150008	
Wind Standard: ASCE 7-16	Wind Speed (mph): 130	Design Loading (psf): 40.00
Building Type: Closed		

This package contains general notes pages, 24 truss drawing(s) and 4 detail(s).

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	225.21.1126.46940	A01	2	225.21.1027.47290	A02
3	225.21.1027.47665	A03	4	225.21.1027.47183	A04
5	225.21.1027.47711	A05	6	225.21.1027.47774	A06
7	225.21.1027.47883	A07	8	225.21.1027.47180	A08
9	225.21.1126.49507	B01	10	225.21.1126.52350	B02
11	225.21.1126.55240	B03	12	225.21.1126.58103	B04
13	225.21.1127.02310	B05	14	225.21.1027.47446	HJ01
15	225.21.1127.05063	HJ02	16	225.21.1027.47399	J01
17	225.21.1027.47181	J02	18	225.21.1027.47321	J03
19	225.21.1027.47383	J04	20	225.21.1127.06643	J05
21	225.21.1127.07913	J06	22	225.21.1127.09183	J07
23	225.21.1127.10697	J08	24	225.21.1127.13510	J09
25	A14015ENC160118		26	BRCLBSUB0119	
27	CNNAILSP1014		28	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 TCDL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

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

g = green lumber.

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

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

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

Ic = Incised lumber.

FJ = Finger Jointed lumber.

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

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

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

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

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

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

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

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

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

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

PP = Panel Point.

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

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

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

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

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

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

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

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

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

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

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

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

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

Refer to ASCE-7 for Wind and Seismic abbreviations.

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

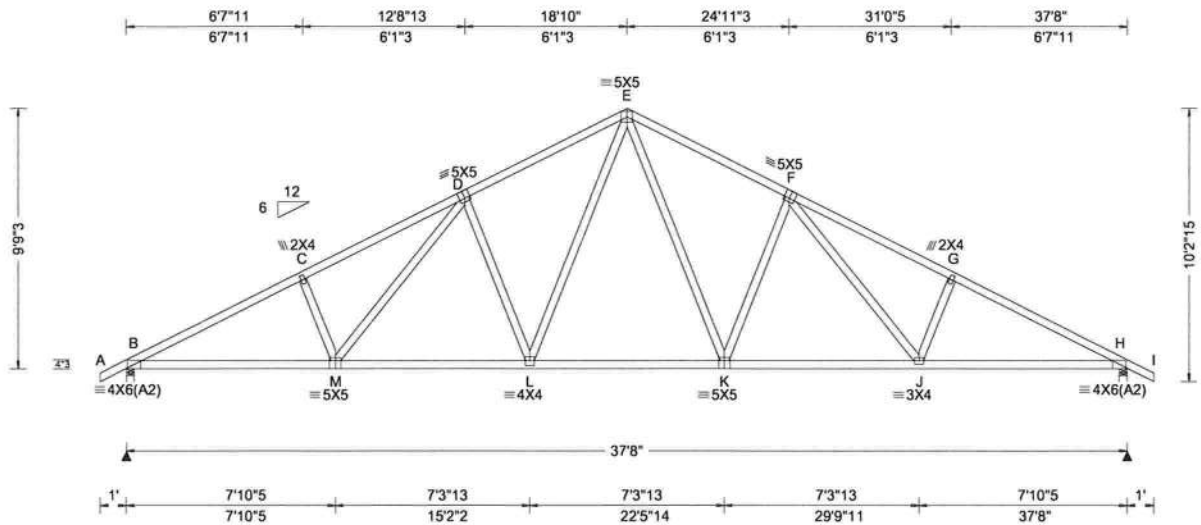
References:

1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 514 Earth City Expressway, Suite 242, Earth City, MO 63045; 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.sbcindustry.com.

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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 387977 / FROM: CDM	COMN Ply: 1 Qty: 16	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: A02	Cust: R 215 JRef: 1X7X2150008 T4 / DrwNo: 225.21.1027.47290 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 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: 3.77 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): 0.208 L 999 360 VERT(CL): 0.381 L 999 240 HORZ(LL): 0.081 J - - HORZ(TL): 0.149 J - - Creep Factor: 2.0 Max TC CSI: 0.510 Max BC CSI: 0.944 Max Web CSI: 0.716 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1813 /- /- /968 /283 /277 H 1813 /- /- /968 /283 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 2.1 H Brg Width = 3.5 Min Req = 2.1 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

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 9-9-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

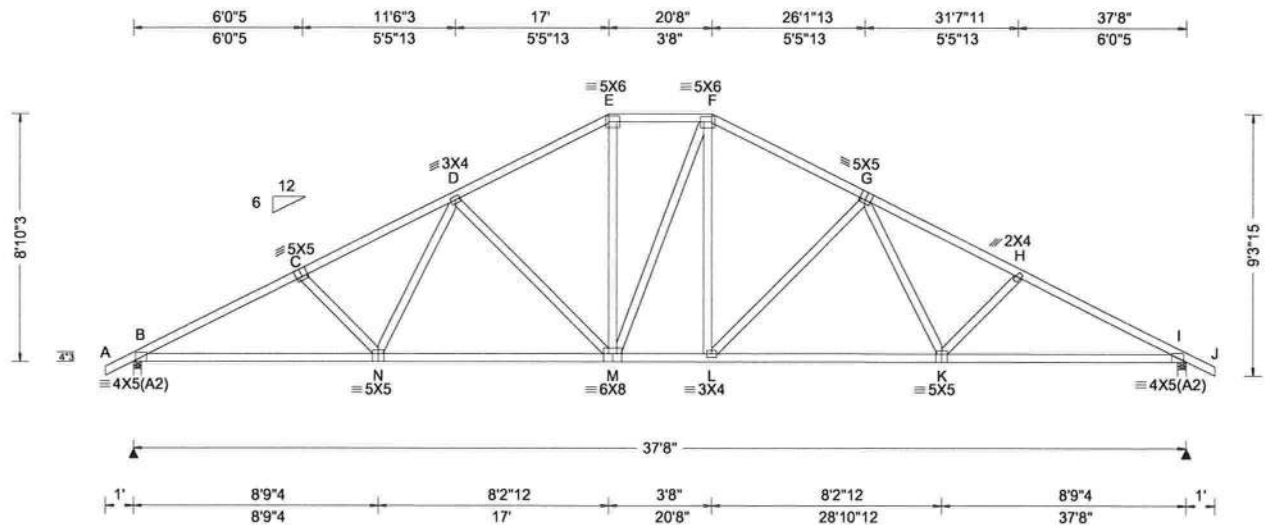
Maximum Bot Chord Forces Per Ply (lbs)	Chords	Tens.Comp.	Chords	Tens. Comp.
B - M	2879	-944	K - J	2392 -665
M - L	2393	-692	J - H	2880 -924
L - K	1820	-403		

Maximum Web Forces Per Ply (lbs)	Webs	Tens.Comp.	Webs	Tens. Comp.
M - D	608	-251	E - K	955 -360
D - L	438	-620	K - F	437 -622
L - E	959	-359	F - J	611 -250

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

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

SEQN: 387985 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: A03	Cust: R 215 JRef: 1X7X2150008 T11 / DrwNo: 225.21.1027.47665 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 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: 3.77 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): 0.157 L 999 360 VERT(CL): 0.321 L 999 240 HORZ(LL): 0.066 K - - HORZ(TL): 0.136 K - - Creep Factor: 2.0 Max TC CSI: 0.387 Max BC CSI: 0.898 Max Web CSI: 0.795 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1618 /- /- /968 /36 /253 I 1618 /- /- /968 /36 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.9 I Brg Width = 3.5 Min Req = 1.9 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 730 -2887 F - G 647 -1964 C - D 711 -2647 G - H 712 -2648 D - E 645 -1955 H - I 732 -2888 E - F 629 -1683

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 8-10-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

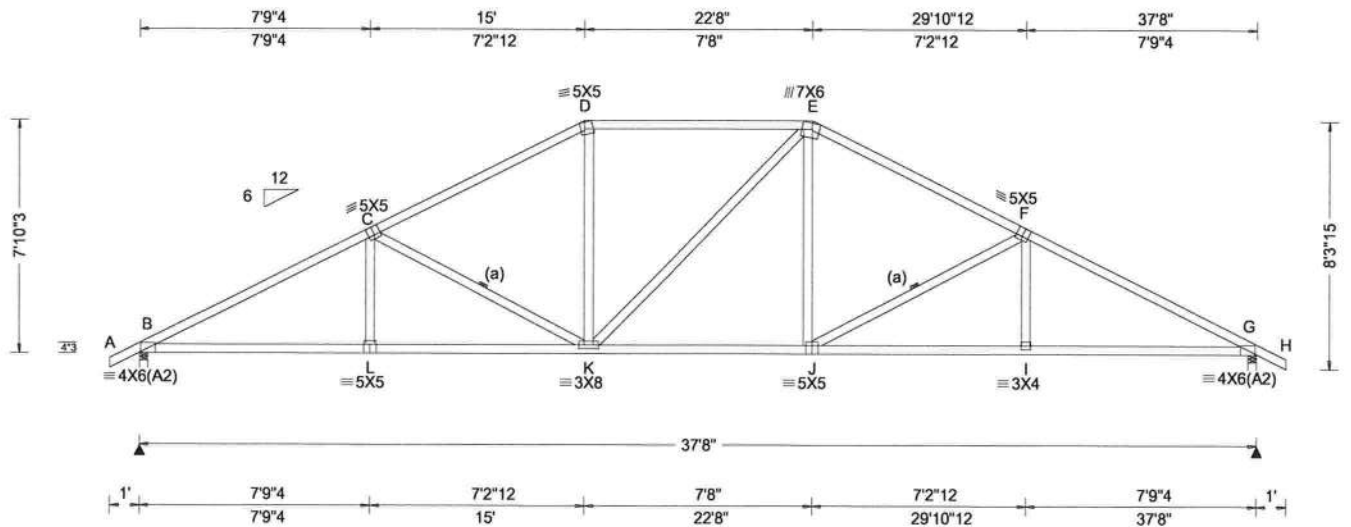
Chords	Tens.Comp.	Chords	Tens. Comp.
B - N	2513 -575	L - K	2117 -436
N - M	2118 -449	K - I	2514 -564
M - L	1681 -273		

Maximum Web Forces Per Ply (lbs)	Webs	Tens.Comp.	Webs	Tens. Comp.
N - D	491	-37	F - L	564 -114
D - M	236	-633	L - G	235 -629
E - M	563	-134	G - K	489 -40

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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
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Orlando FL, 32821

SEQN: 387987 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: A04	Cust: R 215 JRef: 1X7X2150008 T10 / DrwNo: 225.21.1027.47183 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
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: h to 2h C&C Dist a: 3.77 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): 0.150 J 999 360 VERT(CL): 0.307 J 999 240 HORZ(LL): 0.068 I - - HORZ(TL): 0.138 I - - Creep Factor: 2.0 Max TC CSI: 0.816 Max BC CSI: 0.756 Max Web CSI: 0.315 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1614 /- /- /965 /44 /226 G 1614 /- /- /965 /44 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.9 G Brg Width = 3.5 Min Req = 1.9 Bearings B & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 822 -2833 E - F 768 -2182 C - D 766 -2175 F - G 821 -2834 D - E 758 -1864

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 7'-10-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - L	2446 -640	J - I	2444 -629
L - K	2443 -641	I - G	2447 -627
K - J	1861 -440		

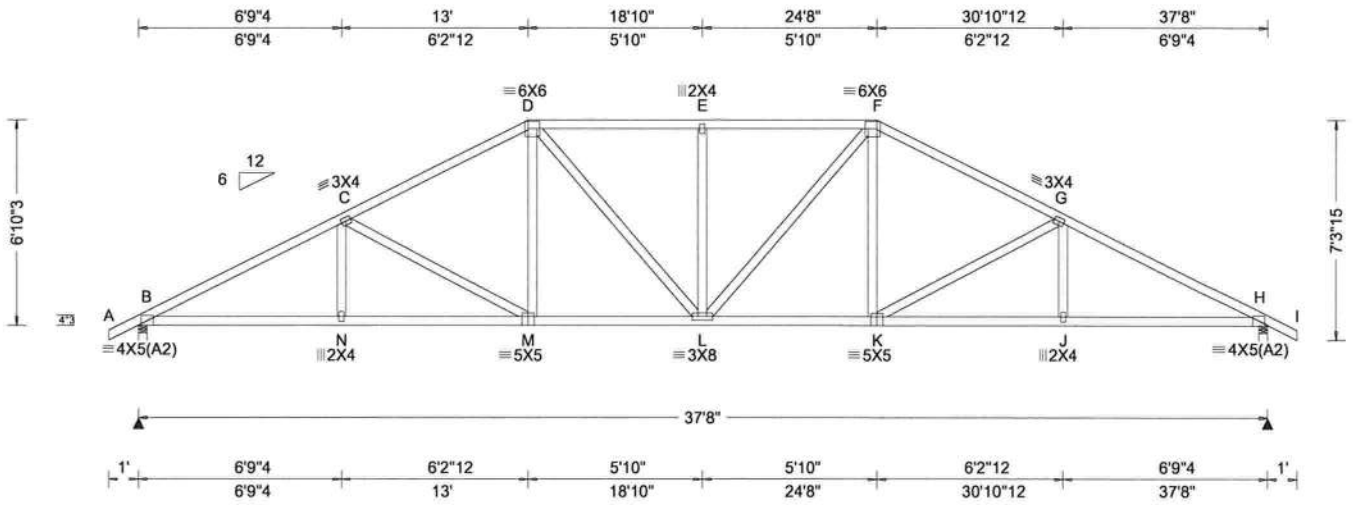
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - K	218 -670	E - J	538 -32
D - K	540 -48	J - F	217 -666

****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: sbcindustry.com; ICC: iccsafe.org; AWC: awc.org

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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 387981 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: A05	Cust: R 215 JRef: 1X7X2150008 T9 / DrwNo: 225.21.1027.47711 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 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: 3.77 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): 0.167 E 999 360 VERT(CL): 0.340 E 999 240 HORZ(LL): 0.069 J - - HORZ(TL): 0.141 J - - Creep Factor: 2.0 Max TC CSI: 0.511 Max BC CSI: 0.646 Max Web CSI: 0.558 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1618 /- /- /958 /290 /199 H 1618 /- /- /958 /290 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.9 H Brg Width = 3.5 Min Req = 1.9 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

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 6'-10-3/4".



FL REG# 278, Yoonhwak Kim, FL PE #86367
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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - N	2502 - 756	L - K	2010 - 580
N - M	2499 - 758	K - J	2499 - 746
M - L	2010 - 592	J - H	2502 - 744

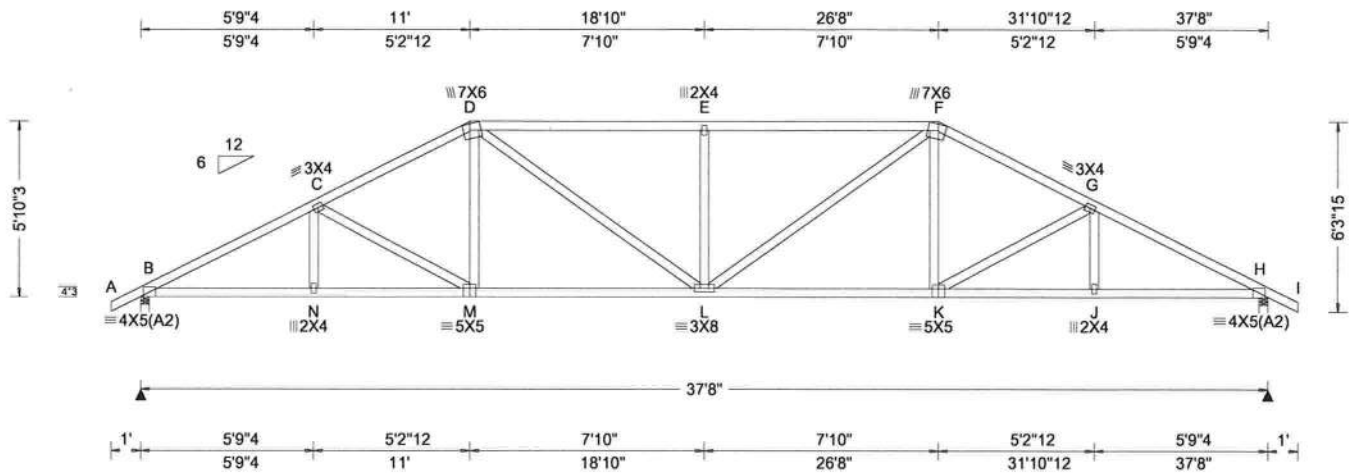
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - M	190 - 561	F - K	451 - 37
D - M	451 - 37	K - G	191 - 561

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SEQN: 387989 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: A06	Cust: R 215 JRef: 1X7X2150008 T8 / DrwNo: 225.21.1027.47774 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 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: 3.77 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): 0.194 E 999 360 VERT(CL): 0.395 E 999 240 HORZ(LL): 0.070 J - - HORZ(TL): 0.143 J - - Creep Factor: 2.0 Max TC CSI: 0.885 Max BC CSI: 0.784 Max Web CSI: 0.546 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1618 /- /- /948 /292 /173 H 1618 /- /- /948 /292 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.9 H Brg Width = 3.5 Min Req = 1.9 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

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

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

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

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

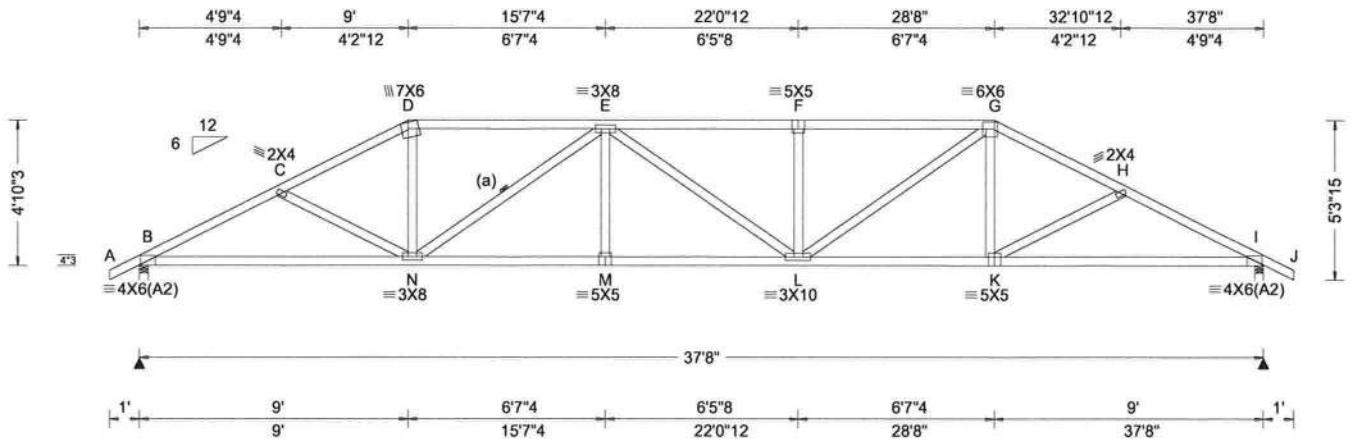
Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.	Chords	Tens. Comp.		
B - N	2527 -861	L - K	2181 -731		
N - M	2525 -862	K - J	2525 -850		
M - L	2181 -743	J - H	2527 -848		

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.	Webs	Tens. Comp.		
C - M	137 -397	L - F	592 -323		
D - M	421 -8	F - K	421 -8		
D - L	592 -323	K - G	137 -397		
E - L	426 -522				

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SEQN: 387991 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: A07	Cust: R 215 JRef: 1X7X2150008 T7 / DrwNo: 225.21.1027.47883 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 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: 3.77 ft Loc. from endwall: not in 9.00 ft GCpt: 0.18 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): 0.232 F 999 360 VERT(CL): 0.473 F 948 240 HORZ(LL): 0.080 K - - HORZ(TL): 0.162 K - - Creep Factor: 2.0 Max TC CSI: 0.699 Max BC CSI: 0.915 Max Web CSI: 0.587 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 1618 /- /- /934 /295 /146 I 1618 /- /- /934 /295 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.9 I Brg Width = 3.5 Min Req = 1.9 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 1193 -2906 F - G 1443 -3112 C - D 1133 -2649 G - H 1135 -2655 D - E 1076 -2351 H - I 1193 -2908 E - F 1443 -3112

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - N	2538 -995	L - K	2330 -860
N - M	3113 -1248	K - I	2540 -983
M - L	3113 -1248		

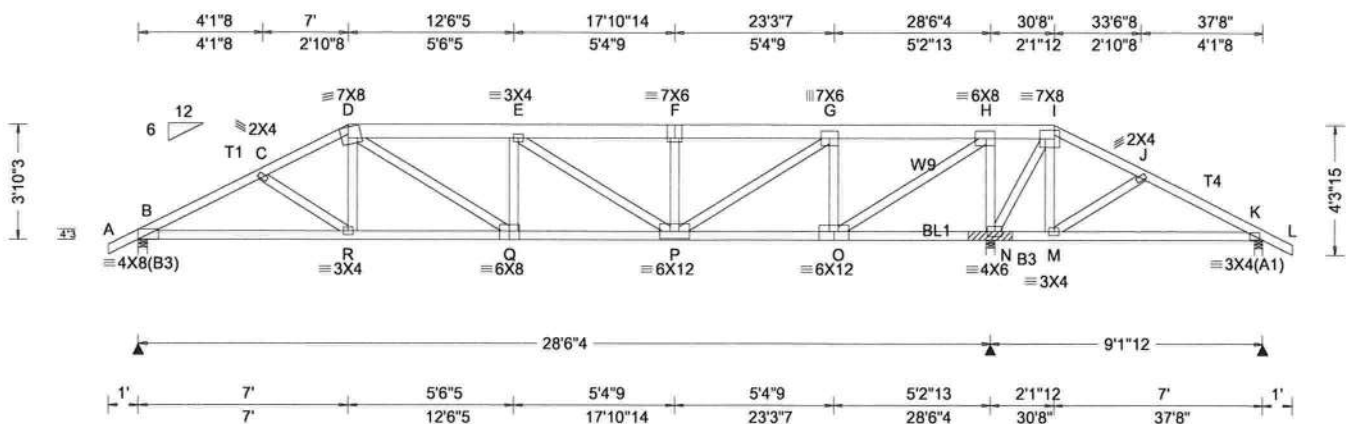
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - N	807 -250	F - L	333 -410
N - E	504 -932	L - G	949 -504

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SEQN: 387993 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: A08	Cust: R 215 JRef: 1X7X2150008 T6 / DrwNo: 225.21.1027.47180 / YK 08/13/2021
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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/def L/#		Gravity Non-Gravity						
TCDL:	10.00	Speed: 130 mph		Pf: NA Ce: NA		VERT(LL): 0.168 E 999 360		Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL:	0.00	Enclosure: Closed		Lu: NA Cs: NA		VERT(CL): 0.345 E 990 240		B	2113	/-	/-	/-	/371	/-
BCDL:	10.00	Risk Category: II		Snow Duration: NA		HORZ(LL): 0.043 O - -		N	4764	/-	/-	/-	/823	/-
		EXP: C Kzt: NA				HORZ(TL): 0.088 O - -		K	-	/-393	/-	/62	/-	/-
Des Ld:	40.00	Mean Height: 9.94 ft				Creep Factor: 2.0		Wind reactions based on MWFRS						
NCBCLL:	0.00	TCDL: 5.0 psf		Building Code:		Max TC CSI: 0.776		B	Brg Width = 3.5 Min Req = 1.7					
Soffit:	2.00	BCDL: 5.0 psf		FBC 7th Ed. 2020 Res.		Max BC CSI: 0.493		N	Brg Width = 3.5 Min Req = -					
Load Duration:	1.25	MWFRS Parallel Dist: 0 to h/2		TPI Std: 2014		Max Web CSI: 0.986		K	Brg Width = 3.5 Min Req = 1.5					
Spacing:	24.0 "	C&C Dist a: 3.77 ft		Rep Fac: No				Bearings B, N, & K are a rigid surface.						
		Loc. from endwall: NA		FT/RT:20(0)/10(0)				Members not listed have forces less than 375#						
		GCpi: 0.18		Plate Type(s):				Maximum Top Chord Forces Per Ply (lbs)						
		Wind Duration: 1.60		WAVE		VIEW Ver: 21.01.01A.0521.20		Chords	Tens.Comp.		Chords	Tens. Comp.		

Lumber
Top chord: 2x6 SP 2400f-2.0E; T1 2x4 SP #2;
T4 2x4 SP M-31;
Bot chord: 2x4 SP M-31; B3 2x4 SP #2;
Webs: 2x4 SP #3; W9 2x4 SP #2;

Loading
#1 hip supports 7-0-0 jacks with no webs.

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.

Bearing Block(s)
Brg blocks: 0.131"x3", min. nails
brg x-loc #blocks length/blk #nails/blk wall plate
2 28.375' 1 18" 12 Rigid Surface
Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

Additional Notes
Negative reaction(s) of -393# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.
The overall height of this truss excluding overhang is 3-10-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - R	3484 -600	O - N	376 -2103
R - Q	3452 -568	N - M	280 -1465
Q - P	4303 -731	M - K	202 -1183
P - O	1380 -220		

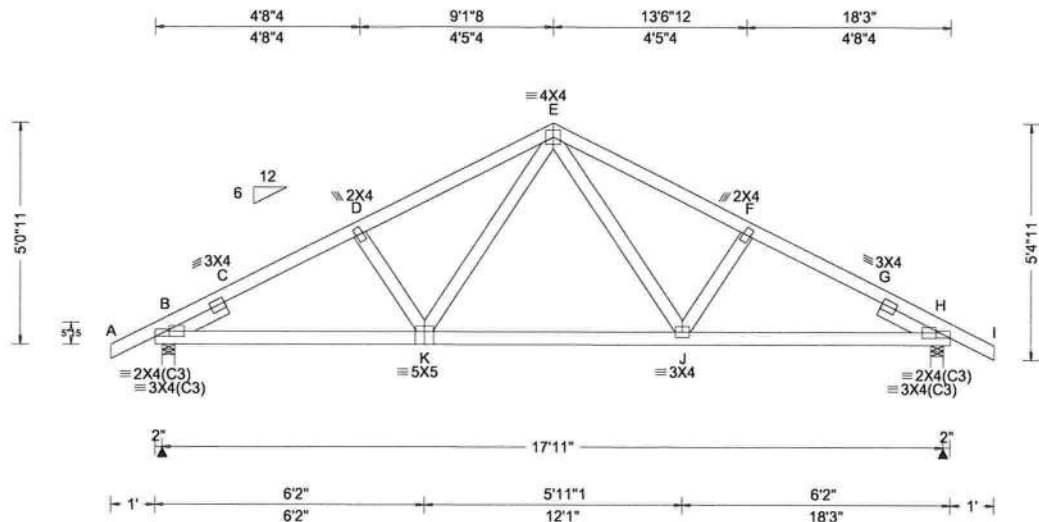
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - R	677 -6	G - O	514 -2106
D - Q	986 -173	O - H	4041 -677
E - P	182 -921	H - N	633 -3022
F - P	259 -679	N - I	301 -1797
P - G	2587 -431	I - M	800 -85

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SEQN: 389522 FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: B01	Cust: R 215 JRef: 1X7X2150008 T1 DrwNo: 225.21.1126.49507 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 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): 0.028 J 999 360 VERT(CL): 0.057 J 999 240 HORZ(LL): 0.011 J - - HORZ(TL): 0.023 J - - Creep Factor: 2.0 Max TC CSI: 0.202 Max BC CSI: 0.372 Max Web CSI: 0.250 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 818 /- /- /493 /144 /143 H 818 /- /- /493 /144 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 H Brg Width = 3.5 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 629 -1289 E - F 568 -1005 C - D 566 -1110 F - G 566 -1110 D - E 569 -1004 G - H 627 -1287 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - K 954 -413 J - H 954 -396 K - J 674 -199

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

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

Additional Notes
The overall height of this truss excluding overhang is 5'-0-11."

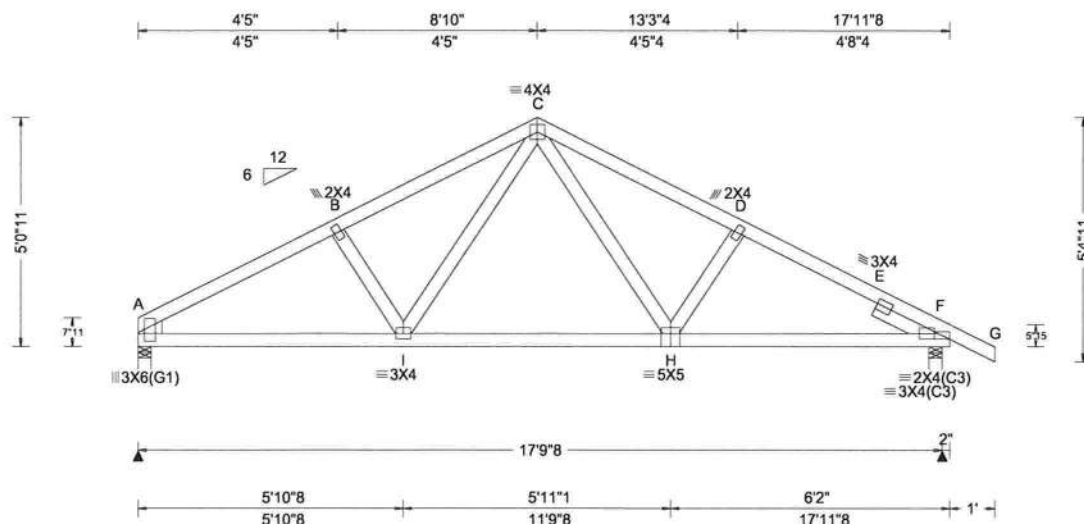


FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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SEQN: 389538 FROM: CDM	SPEC Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: B02	Cust: R 215 JRef: 1X7X2150008 T17 DrwNo: 225.21.1126.52350 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.028 H 999 360 VERT(CL): 0.057 H 999 240 HORZ(LL): 0.012 H - - HORZ(TL): 0.023 H - - Creep Factor: 2.0 Max TC CSI: 0.197 Max BC CSI: 0.387 Max Web CSI: 0.195 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 723 /- /- /417 /122 /130 F 823 /- /- /494 /145 /- Wind reactions based on MWFRS A Brg Width = 3.5 Min Req = 1.5 F Brg Width = 3.5 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 417 -1176 D - E 411 -1118 B - C 427 -1033 E - F 486 -1294 C - D 417 -1012

Lumber

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

Wind

Wind loads based on MWFRS with additional C&C member design.
Right cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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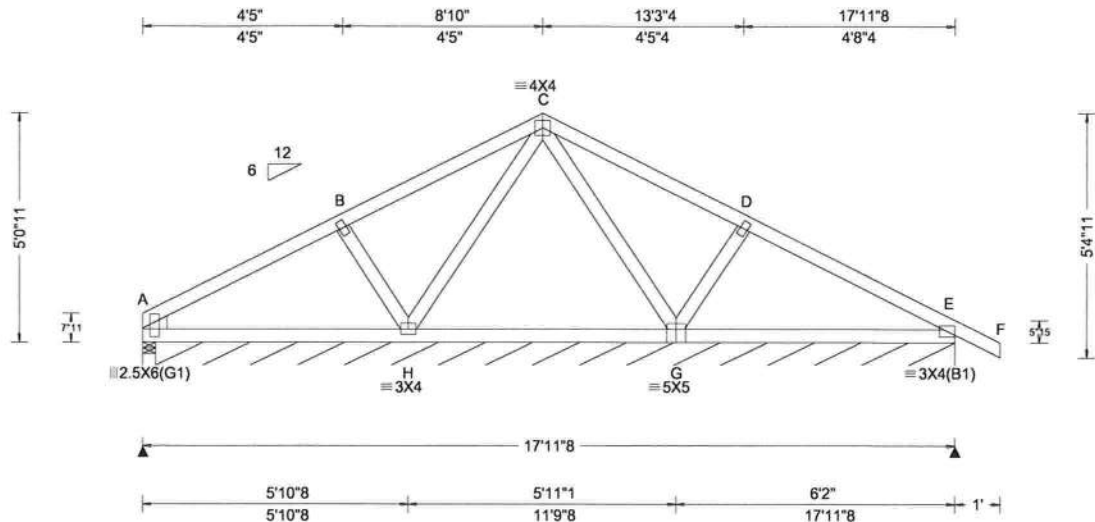
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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: 389541 FROM: CDM	COMN Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: B03	Cust: R 215 JRef: 1X7X2150008 T12 DrwNo: 225.21.1126.55240 / YK 08/13/2021
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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: 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): 0.001 G 999 360 VERT(CL): 0.003 G 999 240 HORZ(LL): 0.002 G - - HORZ(TL): 0.004 G - - Creep Factor: 2.0 Max TC CSI: 0.277 Max BC CSI: 0.281 Max Web CSI: 0.080 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 239 /- /- /138 /32 /130 E* 74 /- /- /40 /13 /- Wind reactions based on MWFRS A Brg Width = 3.5 Min Req = 1.5 E Brg Width = 212 Min Req = - Bearings A & A are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

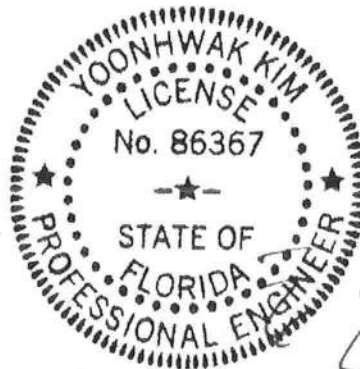
All plates are 2X4 except as noted.

Wind

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

Additional Notes

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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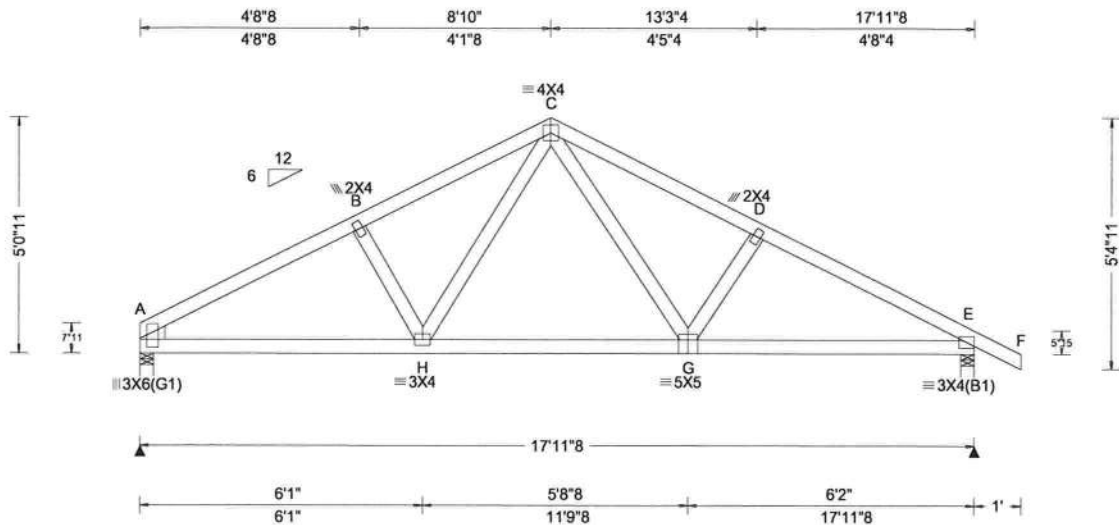
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
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Orlando FL, 32821

SEQN: 389544 FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: B04	Cust: R 215 JRef: 1X7X2150008 T20 DrwNo: 225.21.1126.58103 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 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): 0.035 G 999 360 VERT(CL): 0.071 G 999 240 HORZ(LL): 0.015 G - - HORZ(TL): 0.031 G - - Creep Factor: 2.0 Max TC CSI: 0.324 Max BC CSI: 0.420 Max Web CSI: 0.138 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 732 /- /- /420 /124 /130 E 814 /- /- /486 /144 /- Wind reactions based on MWFRS A Brg Width = 3.5 Min Req = 1.5 E Brg Width = 3.5 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 419 -1181 C - D 428 -1043 B - C 435 -1041 D - E 424 -1187

Lumber

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

Wind

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

Additional Notes

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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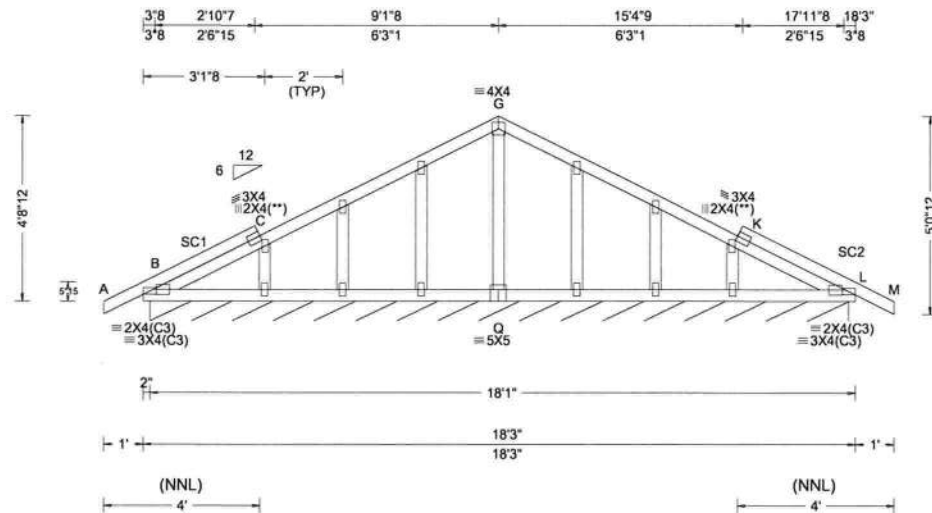
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
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Orlando FL, 32821

SEQN: 389520 FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: B05	Cust: R 215 JRef: 1X7X2150008 T2 DrwNo: 225.21.1127.02310 / YK 08/13/2021
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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/def L/# VERT(LL): 0.002 N 915 360 VERT(CL): 0.004 N 452 240 HORZ(LL): -0.000 T - - HORZ(TL): 0.001 J - - Creep Factor: 2.0 Max TC CSI: 0.152 Max BC CSI: 0.068 Max Web CSI: 0.050 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B* 91 /- /- /47 /- /3 Wind reactions based on MWFRS B Brg Width = 215 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.

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

Wind

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

Left and right cantilevers are exposed to wind

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). Dropped top chord braced at 24" oc intervals. 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 4-8-12.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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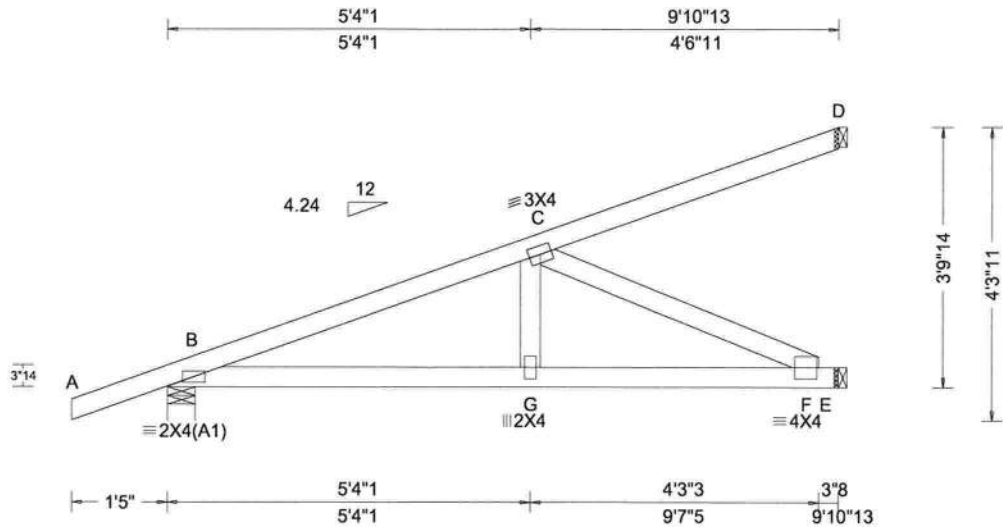
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ALPINE
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6750 Forum Drive
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Orlando FL, 32821

SEQN: 387982 / FROM: CDM	HIP_	Ply: 1 Qty: 2	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: HJ01	Cust: R 215 JRef: 1X7X2150008 T18 / DrwNo: 225.21.1027.47446 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 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): 0.023 G 999 360 VERT(CL): 0.047 G 999 240 HORZ(LL): 0.006 F - - HORZ(TL): 0.011 F - - Creep Factor: 2.0 Max TC CSI: 0.549 Max BC CSI: 0.662 Max Web CSI: 0.361 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 347 /- /- /- /118 /- E 369 /- /- /- /70 /- D 75 /- /- /- /30 /- Wind reactions based on MWFRS B Brg Width = 4.9 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.

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 -1.41 to 61 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 9.90
BC: From 0 plf at -1.41 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 9.90
TC: -9 lb Conc. Load at 1.48
TC: 143 lb Conc. Load at 4.31
TC: 265 lb Conc. Load at 7.13
BC: 20 lb Conc. Load at 1.48
BC: 104 lb Conc. Load at 4.31
BC: 182 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 3-9-14.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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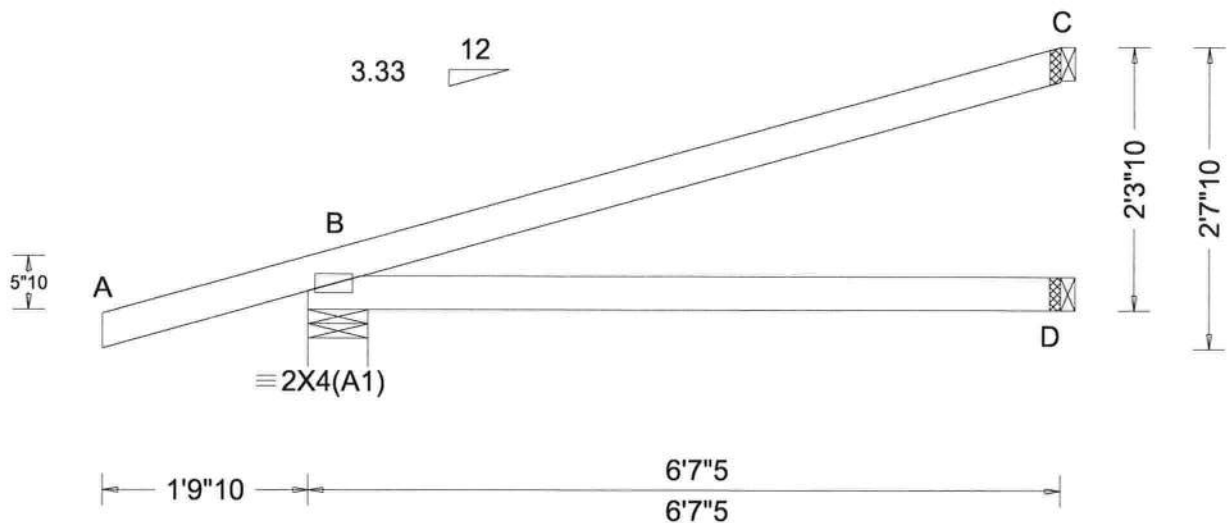
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 389534 FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: HJ02	Cust: R 215 JRef: 1X7X2150008 T3 DrwNo: 225.21.1127.05063 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.008 D - - HORZ(TL): 0.016 D - - Creep Factor: 2.0 Max TC CSI: 0.653 Max BC CSI: 0.515 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 258 /- /- /- /51 /- D 125 /- /- /13 /- /- C 159 /- /- /- /68 /- Wind reactions based on MWFRS B Brg Width = 6.3 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

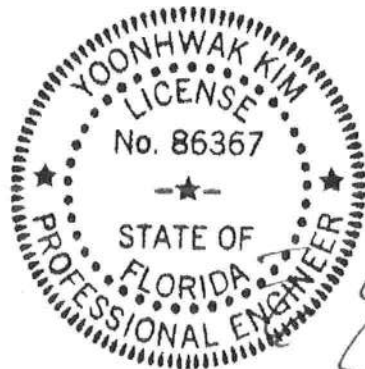
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From -0 plf at -1.80 to 61 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 6.61
BC: From 0 plf at -1.80 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 6.61
TC: 16 lb Conc. Load at 1.27
TC: 24 lb Conc. Load at 3.07
TC: 114 lb Conc. Load at 4.87
TC: 74 lb Conc. Load at 5.47
BC: 20 lb Conc. Load at 1.27
BC: 27 lb Conc. Load at 3.07
BC: 80 lb Conc. Load at 4.87
BC: 54 lb Conc. Load at 5.47

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 2'-3"-10.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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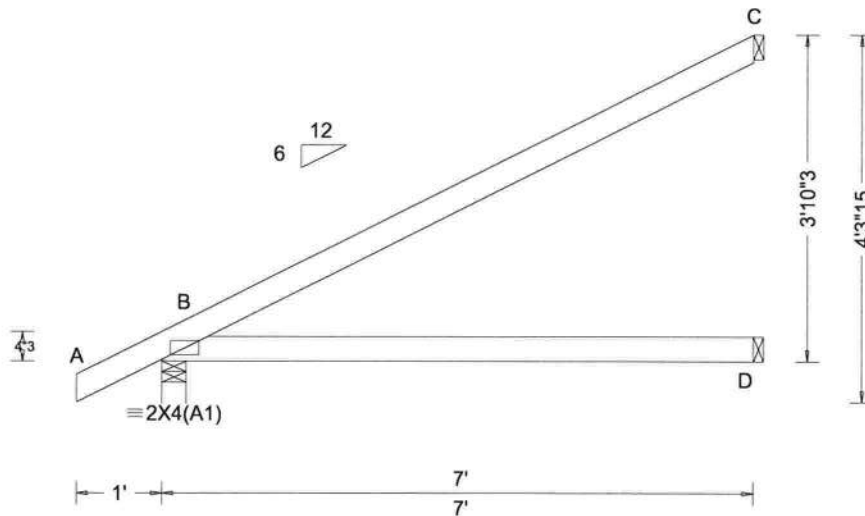
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ALPINE
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6750 Forum Drive
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Orlando FL, 32821

SEQN: 387974 / FROM: CDM	EJAC Qty: 13	Ply: 1 Qty: 13	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J01	Cust: R 215 JRef: 1X7X2150008 T16 / DrwNo: 225.21.1027.47399 / YK 08/13/2021
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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): NA	B	368	/-	/-	/245	/36	/137
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	D	130	/-	/-	/75	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.015 D - -	C	191	/-	/-	/121	/95	/-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.031 D - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	B	Brg Width = 3.5		Min Req = 1.5			
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.740	D	Brg Width = 1.5		Min Req = -			
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.522	C	Brg Width = 1.5		Min Req = -			
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.000	Bearing B is a rigid surface.						
	C&C Dist a: 3.00 ft	FT/RT: 20(0)/10(0)		Members not listed have forces less than 375#						
	Loc. from endwall: not in 4.50 ft	Plate Type(s):								
	GCpi: 0.18	WAVE								
	Wind Duration: 1.60		VIEW Ver: 21.01.01A.0521.20							

Lumber

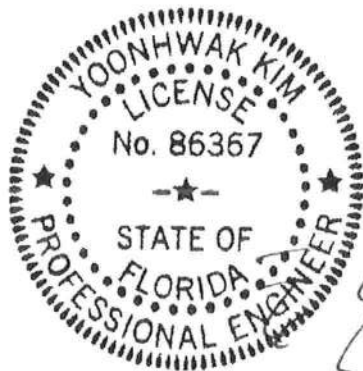
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 3'-10'-3\"/>



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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

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

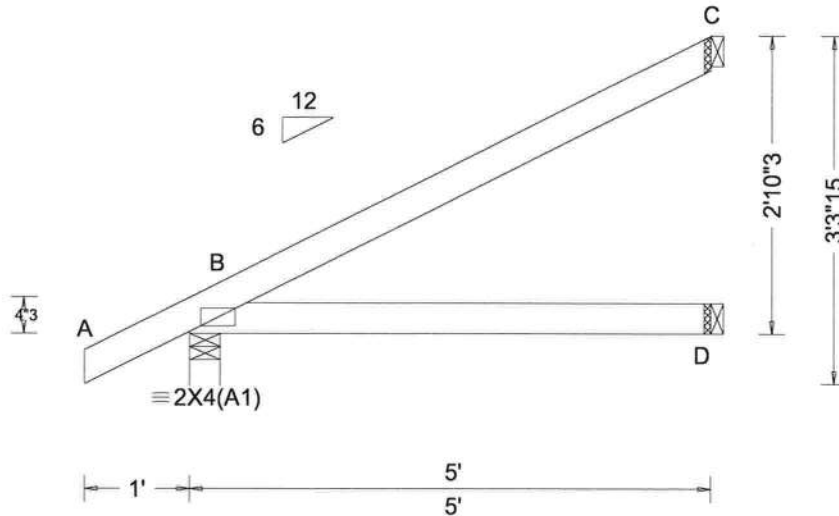
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
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Orlando FL, 32821

SEQN: 387971 / FROM: CDM	JACK Qty: 4	Ply: 1 Qty: 4	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J02	Cust: R 215 JRef: 1X7X2150008 T13 / DrwNo: 225.21.1027.47181 / YK 08/13/2021
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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): NA		Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00		Enclosure: Closed		Lu: NA Cs: NA		VERT(CL): NA		B	288	/-	/-	/195	/31	/102
BCDL: 10.00		Risk Category: II		Snow Duration: NA		HORZ(LL): 0.005 D - -		D	91	/-	/-	/52	/-	/-
Des Ld: 40.00		EXP: C Kzt: NA		Building Code:		HORZ(TL): 0.010 D - -		C	133	/-	/-	/84	/66	/-
NCBCLL: 10.00		Mean Height: 15.00 ft		TPI Std: 2014		Creep Factor: 2.0		Wind reactions based on MWFRS						
Soffit: 2.00		TCDL: 5.0 psf		Rep Fac: Yes		Max TC CSI: 0.336		B Brg Width = 3.5		Min Req = 1.5				
Load Duration: 1.25		BCDL: 5.0 psf		FT/RT:20(0)/10(0)		Max BC CSI: 0.243		D Brg Width = 1.5		Min Req = -				
Spacing: 24.0 "		MWFRS Parallel Dist: 0 to h/2		Plate Type(s):		Max Web CSI: 0.000		C Brg Width = 1.5		Min Req = -				
		Loc. from endwall: not in 4.50 ft		WAVE		VIEW Ver: 21.01.01A.0521.20		Bearing B is a rigid surface.						
		GCpi: 0.18						Members not listed have forces less than 375#						
		Wind Duration: 1.60												

Lumber

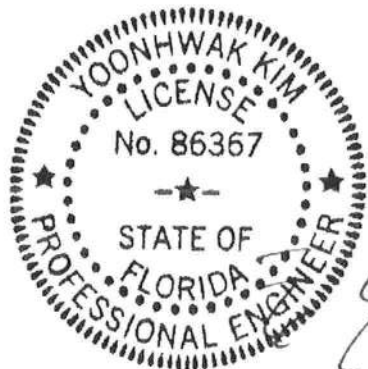
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 2'-10"-3."



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

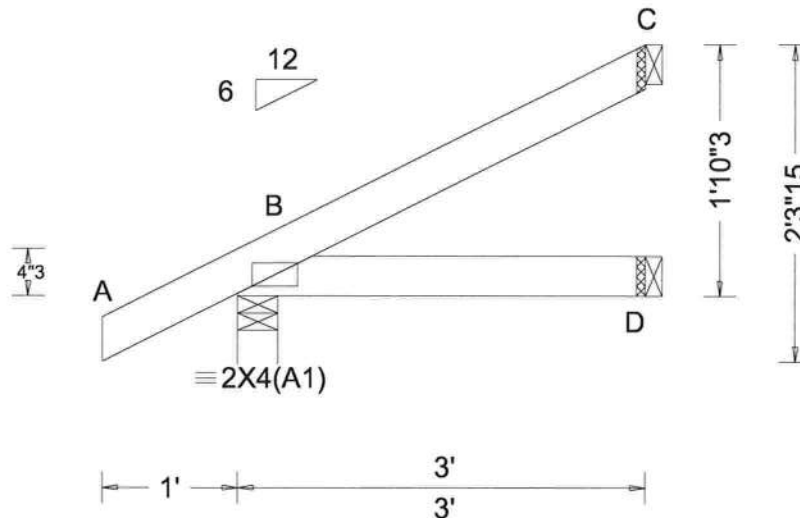
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
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Orlando FL, 32821

SEQN: 387972 / FROM: CDM	JACK Qty: 4	Ply: 1 Qty: 4	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J03	Cust: R 215 JRef: 1X7X2150008 T14 / DrwNo: 225.21.1027.47321 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.123 Max BC CSI: 0.071 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 212 /- /- /148 /28 /66 D 52 /- /- /28 /- /- C 72 /- /- /44 /37 /- Wind reactions based on MWFRS B Brg Width = 3.5 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

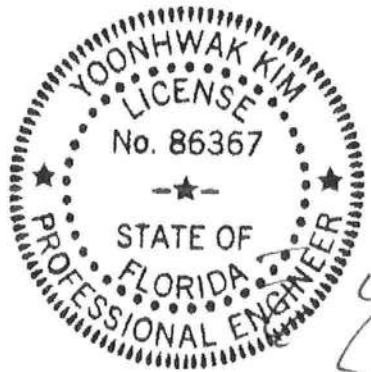
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 1'-10"-3."



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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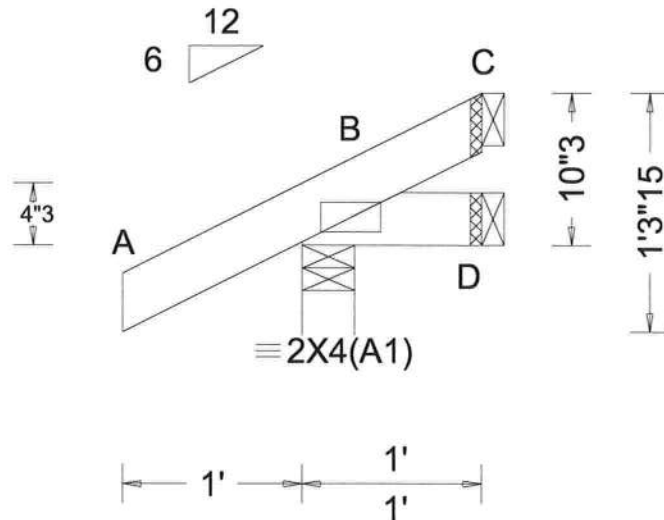
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Orlando FL, 32821

SEQN: 387973 / FROM: CDM	JACK Qty: 4	Ply: 1 Qty: 4	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J04	Cust: R 215 JRef: 1X7X2150008 T15 / DrwNo: 225.21.1027.47383 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 D - - HORZ(TL): 0.000 D - - Creep Factor: 2.0 Max TC CSI: 0.112 Max BC CSI: 0.013 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 166 /- /- /126 /35 /31 D 10 /-2 /- /9 /5 /- C - /-14 /- /17 /20 /- Wind reactions based on MWFRS B Brg Width = 3.5 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 0-10-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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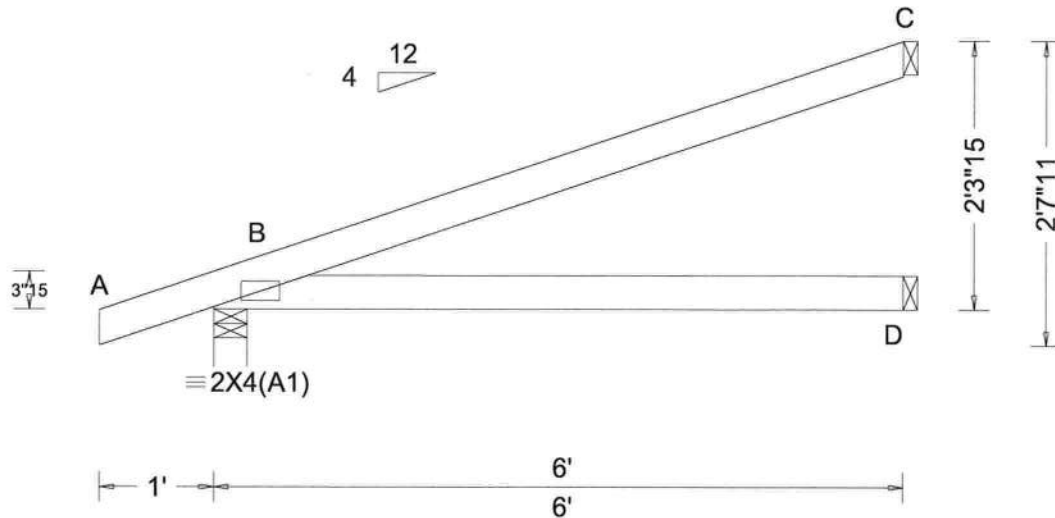
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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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Orlando FL, 32821

SEQN: 389533 FROM: CDM	EJAC Qty: 9	Ply: 1 Qty: 9	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J05	Cust: R 215 JRef: 1X7X2150008 T25 DrwNo: 225.21.1127.06643 / YK 08/13/2021
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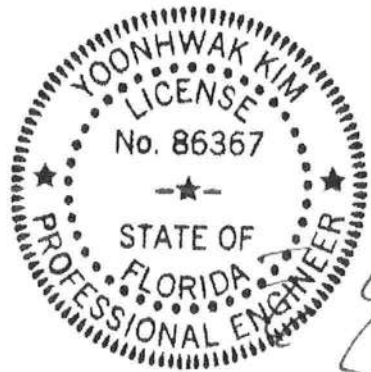


Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	B	322	/-	/-	/211	/52	/80
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	D	108	/-	/-	/62	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.010 D - -	C	157	/-	/-	/88	/67	/-
	EXP: C Kzt: NA		HORZ(TL): 0.019 D - -	Wind reactions based on MWFRS						
Des Ld: 40.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	B	Brg Width = 3.5		Min Req = 1.5			
NCBCLL: 10.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.489	D	Brg Width = 1.5		Min Req = -			
Soffit: 2.00	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.353	C	Brg Width = 1.5		Min Req = -			
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000	Bearing B is a rigid surface.						
Spacing: 24.0 "	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		Members not listed have forces less than 375#						
	Loc. from endwall: not in 4.50 ft	Plate Type(s):								
	GCpi: 0.18	WAVE	VIEW Ver: 21.01.01A.0521.20							
	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 2'-3-15.

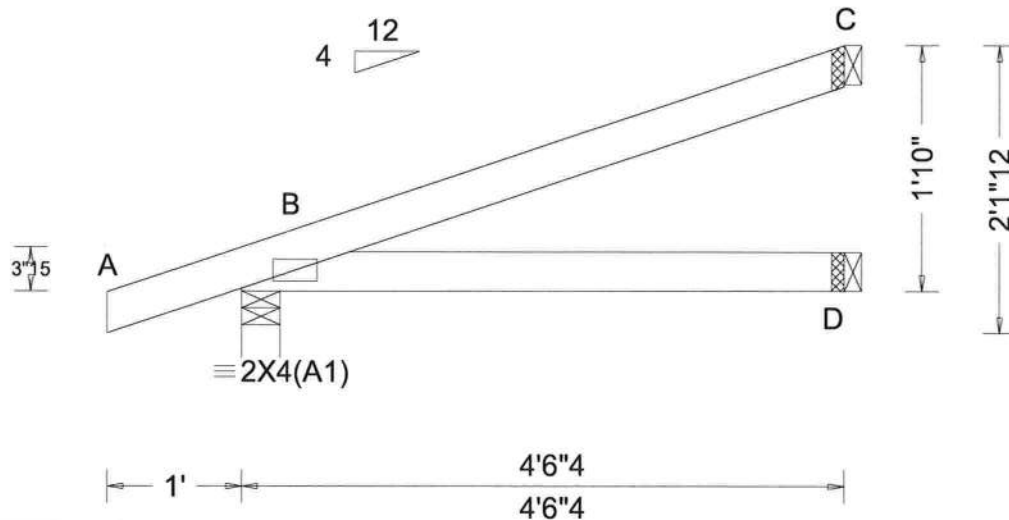


FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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

SEQN: 389530 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J06	Cust: R 215 JRef: 1X7X2150008 T23 DrwNo: 225.21.1127.07913 / YK 08/13/2021
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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): NA		Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00		Enclosure: Closed		Lu: NA Cs: NA		VERT(CL): NA		B	264	/-	/-	/176	/44	/62
BCDL: 10.00		Risk Category: II		Snow Duration: NA		HORZ(LL): 0.004 D - -		D	80	/-	/-	/45	/-	/-
Des Ld: 40.00		EXP: C Kzt: NA		Building Code:		HORZ(TL): 0.007 D - -		C	114	/-	/-	/64	/49	/-
NCBCLL: 10.00		Mean Height: 15.00 ft		FBC 7th Ed. 2020 Res.		Creep Factor: 2.0		Wind reactions based on MWFRS						
Soffit: 2.00		TCDL: 5.0 psf		TPI Std: 2014		Max TC CSI: 0.339		B	Brg Width = 3.5			Min Req = 1.5		
Load Duration: 1.25		BCDL: 5.0 psf		Rep Fac: Yes		Max BC CSI: 0.189		D	Brg Width = 1.5			Min Req = -		
Spacing: 24.0 "		MWFRS Parallel Dist: 0 to h/2		FT/RT:20(0)/10(0)		Max Web CSI: 0.000		C	Brg Width = 1.5			Min Req = -		
		C&C Dist a: 3.00 ft		Plate Type(s):		VIEW Ver: 21.01.01A.0521.20		Bearing B is a rigid surface.						
		Loc. from endwall: Any		WAVE		Members not listed have forces less than 375#								
		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 11-10-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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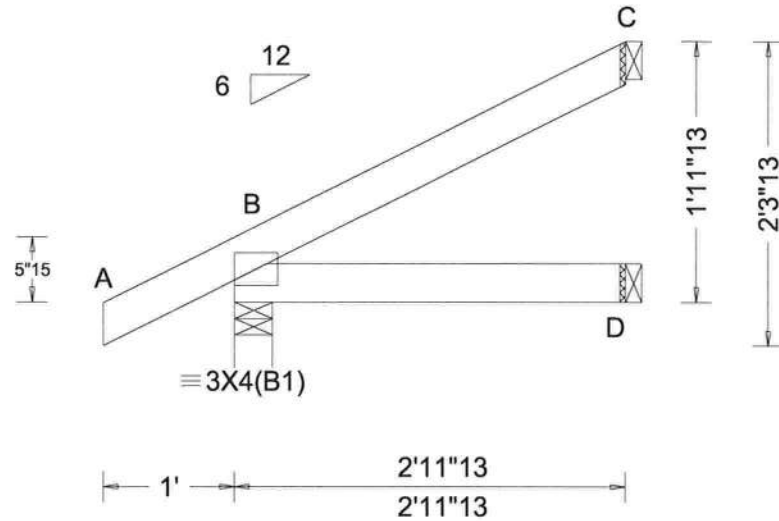
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 389532 FROM: CDM	JACK Qty: 1	Ply: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J07	Cust: R 215 JRef: 1X7X2150008 T21 DrwNo: 225.21.1127.09183 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.163 Max BC CSI: 0.078 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 210 /- /- /146 /26 /66 D 54 /- /- /28 /- /- C 74 /- /- /45 /42 /- Wind reactions based on MWFRS B Brg Width = 3.5 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

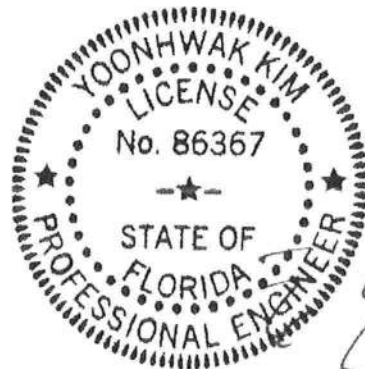
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 1-11-13.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

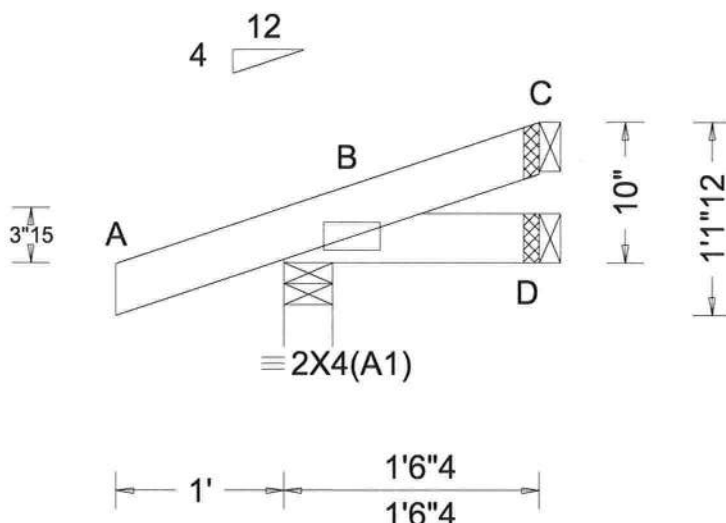
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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-2 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: tpiinst.org; SBCA: sbcindustry.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 389529 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J08	Cust: R 215 JRef: 1X7X2150008 T24 DrwNo: 225.21.1127.10697 / YK 08/13/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.000 D - - HORZ(TL): 0.000 D - - Creep Factor: 2.0 Max TC CSI: 0.122 Max BC CSI: 0.014 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 164 /- /- /116 /43 /27 D 20 /- /- /11 /1 /- C 16 /- /- /10 /9 /- Wind reactions based on MWFRS B Brg Width = 3.5 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 0-10-0.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

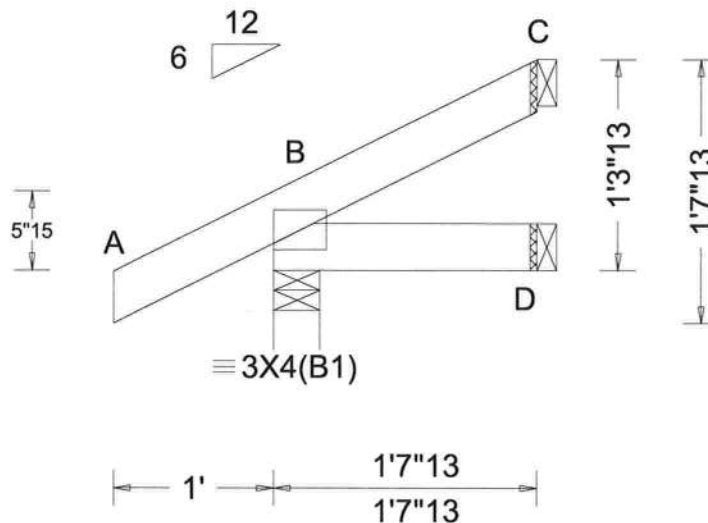
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AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 389531 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5898 Reserve at Jewel Lake 43 - Covington B - GL Truss Label: J09	Cust: R 215 JRef: 1X7X2150008 T22 DrwNo: 225.21.1127.13510 / YK 08/13/2021
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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): NA	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 168	/-	/-	/121	/25	/42	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C - -	D 27	/-	/-	/14	/-	/-	
	EXP: C Kzt: NA		HORZ(TL): 0.000 C - -	C 24	/-	/-	/14	/20	/-	
Des Ld: 40.00	Mean Height: 15.00 ft		Creep Factor: 2.0	Wind reactions based on MWFRS						
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Max TC CSI: 0.102	B	Brg Width = 3.5		Min Req = 1.5			
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max BC CSI: 0.018	D	Brg Width = 1.5		Min Req = -			
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.000	C	Brg Width = 1.5		Min Req = -			
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes		Bearing B is a rigid surface.						
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Members not listed have forces less than 375#						
	GCpi: 0.18	Plate Type(s):								
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20							

Lumber

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 1-3-13.



FL REG# 278, Yoonhwak Kim, FL PE #86367
08/13/2021

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

ASCE 7-16: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, $K_{zt} = 1.00$

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

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir

#1 / #2	Standard
#3	Stud

Hem-Fir

#2	Stud
#3	Standard

Douglas Fir-Larch

#3	Stud
	Standard

Southern Pine

#3	Stud
	Standard

Group B:

Hem-Fir

#1 & #2
#1

Douglas Fir-Larch

#1	#2
----	----

Southern Pine

#1	#2
----	----

1x4 Braces shall be SPS (Stress-Rated Board).

For 1x4 So. Pine use only Industrial 55 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 55 plf 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 nalls at 2' o.c.

In 18" end zones and 4" o.c. between zones.

***For (2) 'L' braces, space nalls at 3' o.c.
in 18" end zones and 6" o.c. between zones.

'L' bracing must be a minimum of 80% of member length.

Gable Vertical Plate Sizes	
Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0"	3X4

- + Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.

REF	ASCE7-16-GABI4015
DATE	01/26/2018
DRWG	A14015ENC160118

MAX. TOT. LD. 60 PSF

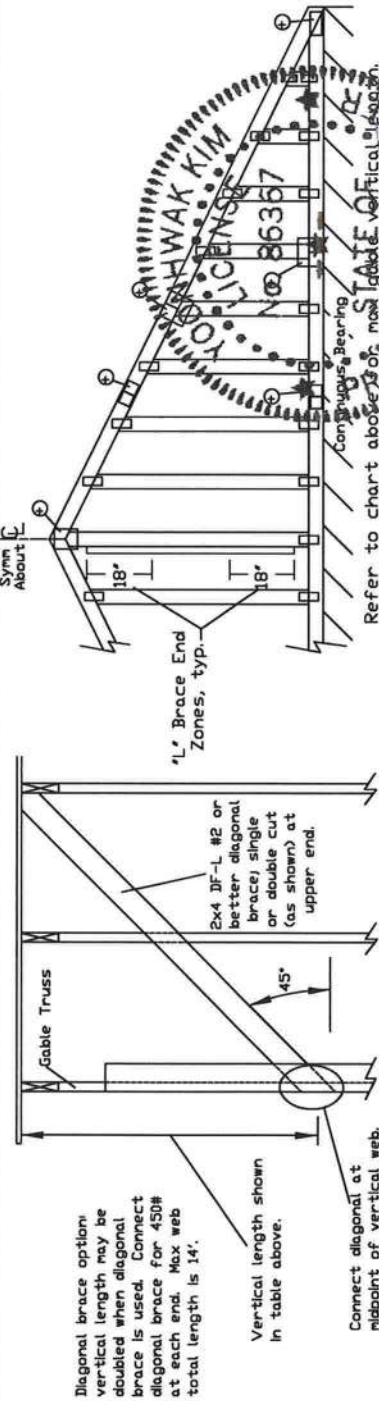
MAX. SPACING 24.0"

Yoonhwak Kim, FL PE #86367

these web sites: www.ics555.com or www.ics555.com #278

For more information see this job's general notes page at www.alpineitw.com TPI: www.tpinet.org SBGA: www.sbgindustry.com

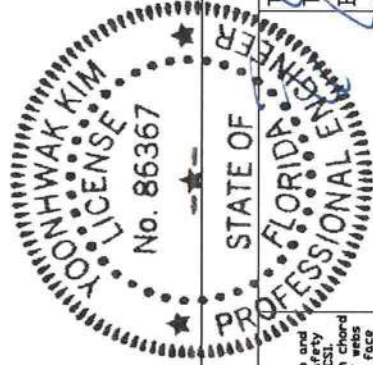
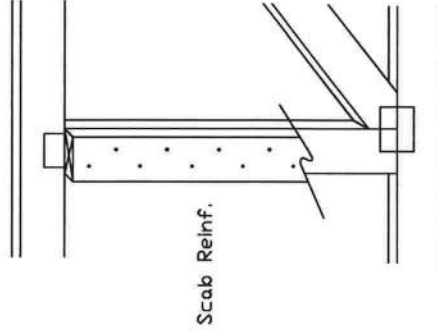
Suite 242
Earth City, MO 63045



Member Substitution

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.

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



For more information see this job's general notes page and these web sites: 132021
ALPINE: www.alphaitw.com TPI: www.tphist.org SBCA: www.sbcindustry.org ICO: www.icea.org K&S: #278, Yoonhwak Kim, FL PE #86367

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

NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCE THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)

B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

A - EDGE DISTANCE (6 NAIL DIAMETERS)

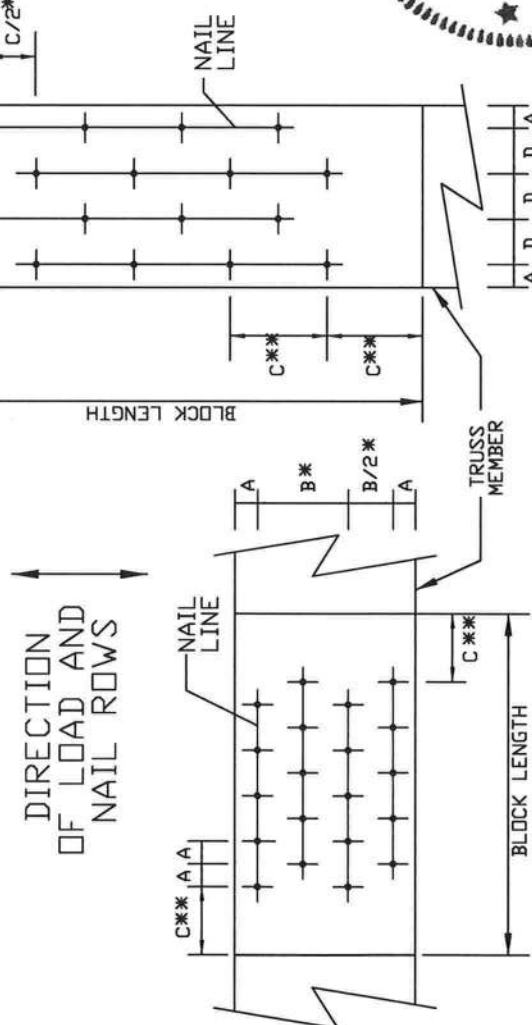
C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)

D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW.

* SPACING MAY BE REDUCED BY 50%.

** SPACING MAY BE REDUCED BY 33%.

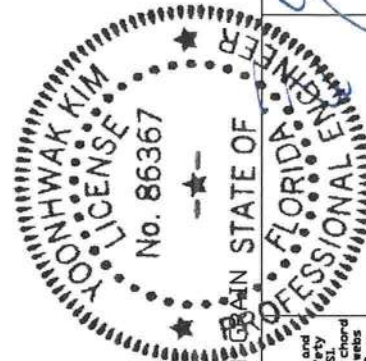


LOAD APPLIED PERPENDICULAR TO GRAIN

LOAD APPLIED PARALLEL TO GRAIN

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	D
8d BOX (0.113" X 2.5", MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128" X 3", MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128" X 3.25", MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135" X 3.5", MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148" X 4", MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131" X 2.5", MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148" X 3", MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148" X 3.25", MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162" X 3.5", MIN)	1"	2"	2 1/2"	1 1/4"
GUN (0.120" X 2.5", MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131" X 2.5", MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120" X 3", MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131" X 3", MIN)	7/8"	1 5/8"	2"	1"



514 Earth City Expressway
Suite 242
Earth City, MO 63045

IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING INCLUDING THE INSTALLERS.

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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The authority of the design engineer is not transferred to the truss manufacturer for any structure. It is the responsibility of the building designer per ANSI/TPI 1 Sec. 1.3.2.

For more information or notations, please refer to the website www.alpine-truss.com or call 1-800-368-2778.

ALPINE www.alpine-truss.com TPI www.tpi.org SPCA www.spcanet.org IED www.ied.org 13/2021

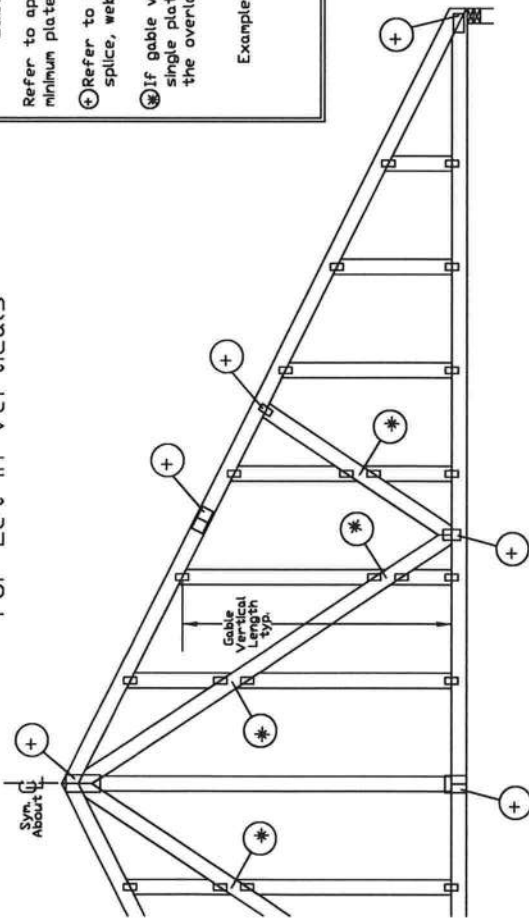
REF NAIL SPACE

DATE 10/01/14

DRWG CNNAILSP1014

Yoonhwak Kim, FL PE #86367

Gable Detail For Let-in Verticals

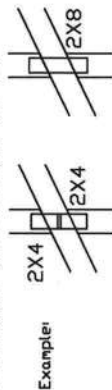


Gable Truss Plate Sizes

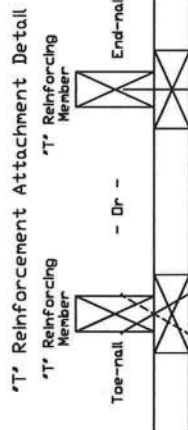
Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

⊗ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.



Example:



To convert from 'L' to 'T' reinforcing members, multiply 'T' increase by length based on appropriate Alpine gable detail.

Maximum allowable 'T' reinforced gable vertical length is 14' from top to bottom chord.

'T' reinforcing member material must match size, specie, and grade of the 'L' reinforcing member.

'T' Reinf. Mem. Size	'T' Increase
2x4	30 %
2x6	20 %

Example:

ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, Kzt = 1.00
Gable Vertical = 24' o.c. SP #3
'T' Reinforcing Member Size = 2x4
'T' Brace Increase (From Above) = 30% = 1.30
⊓ 2x4 'L' Brace Length = 8' 7"
Maximum 'T' Reinforced Gable Vertical Length 1.30 x 8' 7" = 11' 2"

Provide connections for uplift specified on the engineered truss design.

Attach each 'T' reinforcing member with

End Driven Nails:
10d Common (0.148"x 3.75") Nails at 4' o.c. plus
(4) nails in the top and bottom chords.

Toenailed Nails:

10d Common (0.148"x 3.75") Toenails at 4' o.c. plus
(4) toenails in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

ASCE 7-05 Gable Detail Drawings

A13015051014, A11015051014, A10015051014, A14015051014,
A13030051014, A12030051014, A1030051014, A14030051014

ASCE 7-10 & ASCE 7-16 Gable Detail Drawings

A11515ENC100118, A12015ENC100118, A14015ENC100118, A10015ENC100118, A13015ENC100118, A12030ENC100118, A14030ENC100118, A103030ENC100118, A1403030ENC100118, A18030ENC100118, A20030ENC100118, A20030ENC100118, A14015ENC100118, A16015ENC100118, S18015ENC100118, S20015ENC100118, S11530ENC100118, S12030ENC100118, S14030ENC100118, S16030ENC100118, S18030ENC100118, S20030ENC100118, S20030ENC100118, S20030ENC100118

See appropriate Alpine gable detail for maximum unreinforced gable vertical length.

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For more information see this job's general notes page and these web sites: www.alpine.com, www.tpi.com, www.bcsi.org, www.scsa.com

REF LET-IN VERT

DATE 01/02/2018

DRWG GBLLETIN0118

MAX. TOT. LD. 60 PSF

DUR. FAC. ANY

MAX. SPACING 24.0'



AN ITW COMPANY

514 Earth City Expressway
Suite 242
Earth City, MO 63045

ALPINE: www.alpine.com TPI: www.tpi.com BCSI: www.bcsi.org SCSA: www.scsa.com

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