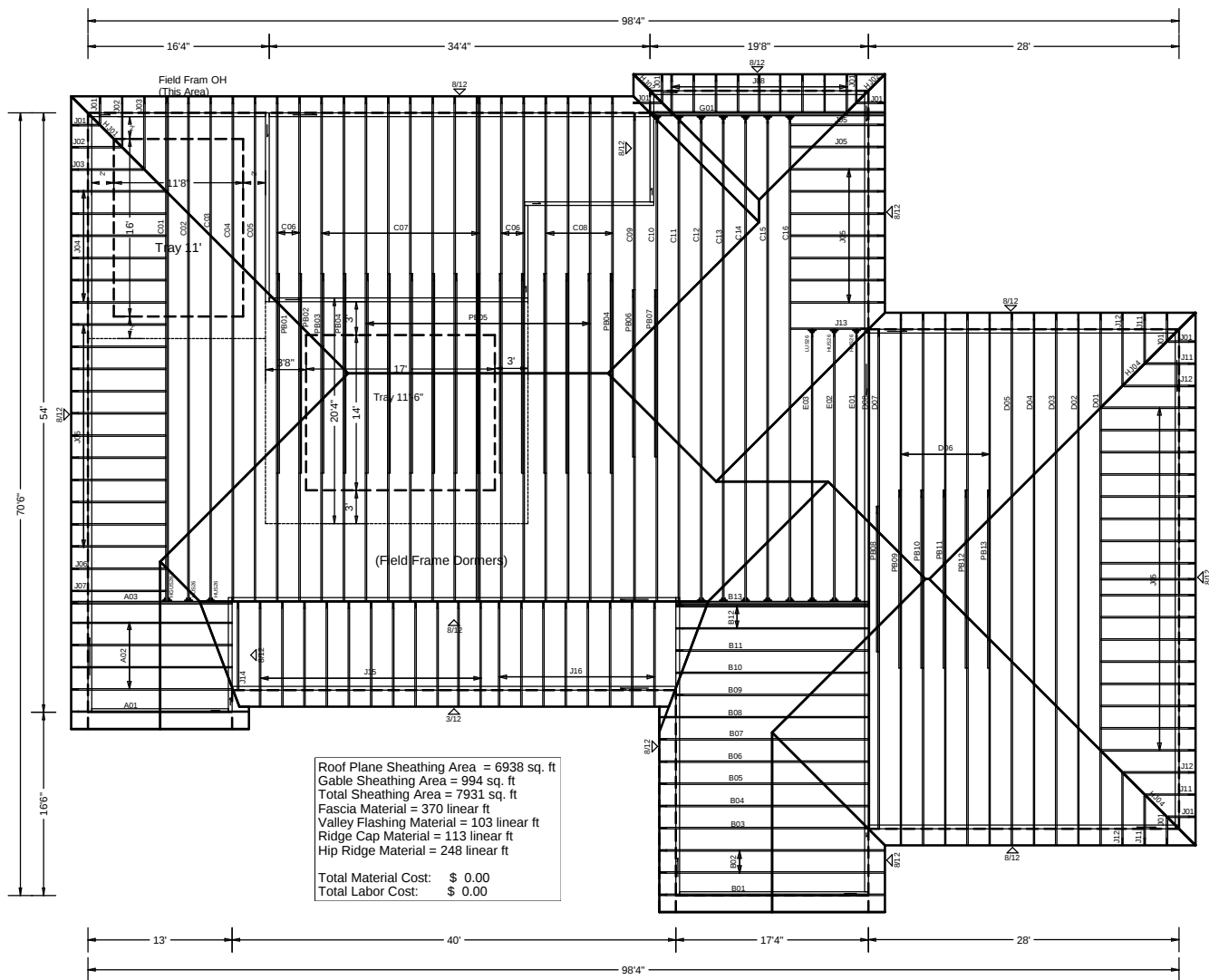


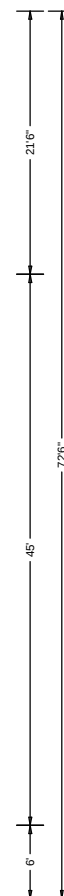


W.B. Howland Truss Co.
 610 11th St. SW
 Live Oak, FL 32064
 (386) 362-1235
 (386) 362-7124 (Fax)
howlandtruss@gmail.com

ROOF PITCH: 8/12
 OVERHANG: 18"
 CEILING: 10' w/Tray
 EXT. WALLS: 4"
 LOADING: 40psf
 WIND LOAD: 130mph
 EXPOSURE: C

DATE: 10/4/21

Truss to Truss Connectors:
 (1) HGUS28-2
 (4) HUS26
 (2) LUS24
 (1) LUS6

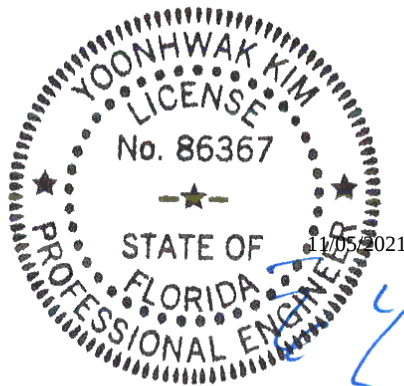


JOB #: 21-6130

Job Name: RICHARD & ANN WRIGHT
 Customer: Plumb Level Construction
 Designer: Kelly Caudill
 ADDRESS: Lot 11 Oaks
 SALESMAN: BW
 : <Not Found>

JOB NO:
 21-6130

PAGE NO:
 1 OF 1



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Orlando, FL 32821
Phone: (800)755-6001
www.alpineitw.com



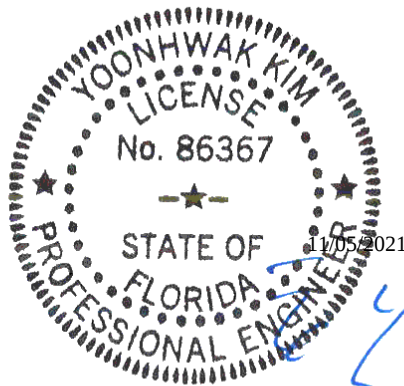
Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 21-6130
Job Description: RICHARD & ANN WRIGHT	
Address: Lot 11 Oaks, Lake City, FL	

Job Engineering Criteria:
Design Code: FBC 7th Ed. 2020 Res.
IntelliVIEW Version: 21.01.01A
JRef #: 1Xa92150006
Wind Standard: ASCE 7-16 Wind Speed (mph): 130
Design Loading (psf): 40.00
Building Type: Closed

This package contains general notes pages, 76 truss drawing(s) and 5 detail(s).

Item	Drawing Number	Truss
1	309.21.1155.48970	A01
3	309.21.1155.50189	A03
5	309.21.1155.49783	B02
7	309.21.1155.49564	B04
9	309.21.1155.51017	B06
11	309.21.1155.50627	B08
13	309.21.1155.50128	B10
15	309.21.1155.49706	B12
17	309.21.1155.51189	C01
19	309.21.1155.48892	C03
21	309.21.1155.49970	C05
23	309.21.1155.48753	C07
25	309.21.1155.49673	C09
27	309.21.1155.51159	C11
29	309.21.1155.48752	C13
31	309.21.1155.49798	C15
33	309.21.1155.49565	D03
35	309.21.1259.12360	D01
37	309.21.1155.51049	D04
39	309.21.1155.50909	D07
41	309.21.1155.50205	E01
43	309.21.1155.49457	E03
45	309.21.1155.50581	HJ01
47	309.21.1155.51205	HJ04
49	309.21.1155.50439	J02
51	309.21.1155.51033	J04

Item	Drawing Number	Truss
2	309.21.1155.49861	A02
4	309.21.1155.49533	B01
6	309.21.1155.50988	B03
8	309.21.1155.50252	B05
10	309.21.1155.50486	B07
12	309.21.1155.50768	B09
14	309.21.1155.50392	B11
16	309.21.1155.51252	B13
18	309.21.1155.50408	C02
20	309.21.1155.48971	C04
22	309.21.1155.50017	C06
24	309.21.1155.48595	C08
26	309.21.1155.49517	C10
28	309.21.1155.49971	C12
30	309.21.1155.50378	C14
32	309.21.1155.51128	C16
34	309.21.1155.50877	D05
36	309.21.1155.49595	D02
38	309.21.1155.50799	D06
40	309.21.1155.50613	D08
42	309.21.1155.49205	E02
44	309.21.1259.46677	G01
46	309.21.1155.51220	HJ02
48	309.21.1155.49940	J01
50	309.21.1155.50517	J03
52	309.21.1155.50346	J05



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and sealed using a Digital Signature. Printed
copies without an original signature must be
verified using the original electronic version.

Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 21-6130
Job Description: RICHARD & ANN WRIGHT	
Address: Lot 11 Oaks, Lake City, FL	

Item	Drawing Number	Truss
53	309.21.1155.49830	J05
55	309.21.1155.50362	J06
57	309.21.1155.50674	J08
59	309.21.1155.50612	J12
61	309.21.1155.50049	J14
63	309.21.1155.50705	J16
65	309.21.1155.50173	PB02
67	309.21.1155.50845	PB04
69	309.21.1155.50018	PB06
71	309.21.1155.50816	PB08
73	309.21.1155.51174	PB10
75	309.21.1155.48893	PB12
77	A14015ENC160118	
79	BRCLBSUB0119	
81	PB160160118	

Item	Drawing Number	Truss
54	309.21.1155.50642	J05
56	309.21.1155.50736	J07
58	309.21.1155.50987	J11
60	309.21.1155.50815	J13
62	309.21.1155.50939	J15
64	309.21.1155.49689	PB01
66	309.21.1155.48754	PB03
68	309.21.1155.51095	PB05
70	309.21.1155.49456	PB07
72	309.21.1155.50330	PB09
74	309.21.1155.50220	PB11
76	309.21.1155.49815	PB13
78	A14030ENC160118	
80	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.

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.sbcacomponents.com.

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;	

All plates are 2X4 except as noted.

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

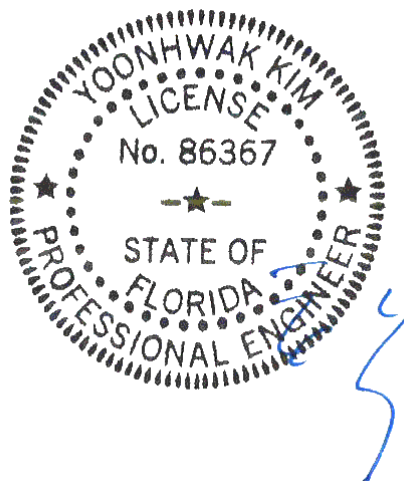
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

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 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 4-4-4



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11/05/2021

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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-Z for standard plate positions. Refer to job's General Notes page for additional information.

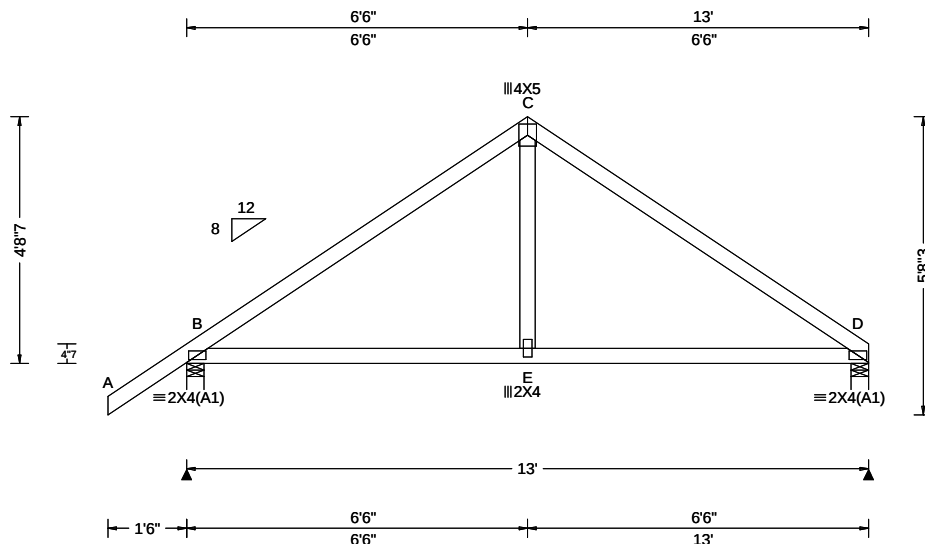
Alpine, a division of ITW Building Components Group Inc., shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI-1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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



6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635191 / FROM: CDM	COMN Ply: 1 Qty: 4	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: A02	Cust: R 215 JRef:1Xa92150006 T1 / DrwNo: 309.21.1155.49861 / YK 11/05/2021
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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): 0.007 D 999 240 VERT(CL): 0.013 D 999 180 HORZ(LL): 0.005 D - - HORZ(TL): 0.008 D - - Creep Factor: 2.0 Max TC CSI: 0.448 Max BC CSI: 0.408 Max Web CSI: 0.112 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 657 /- /- /415 /112 /153 D 539 /- /- /321 /82 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 4.0 Min Req = 1.5 Bearings B & 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. B - C 321 -644 C - D 325 -640 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - E 451 -132 E - D 451 -132

Lumber

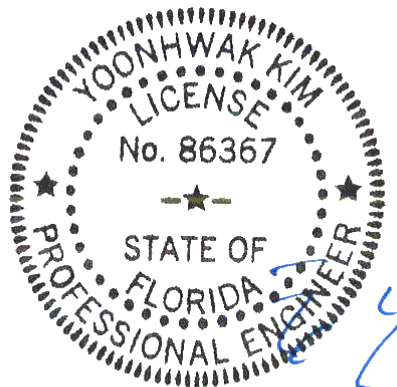
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 4-8-7.



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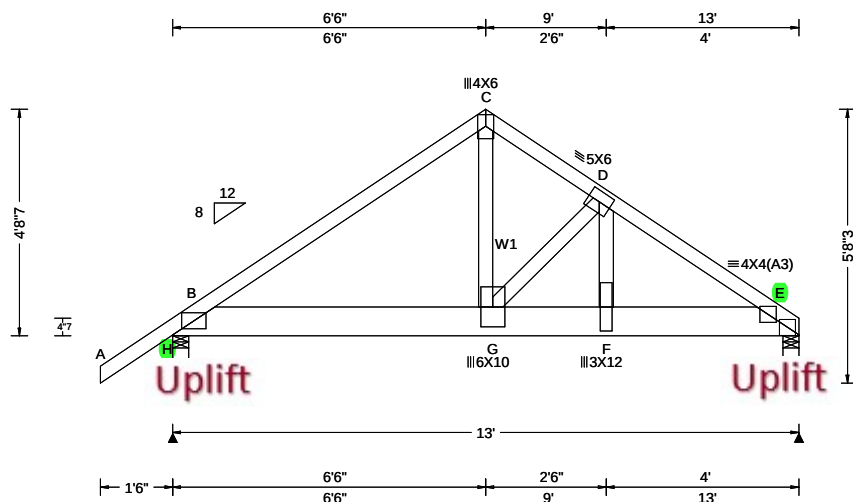
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 635470 / FROM: CDM	COMN Ply: 2 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: A03	Cust: R 215 JRef:1Xa92150006 T41 / DrwNo: 309.21.1155.50189 / YK 11/05/2021
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2 Complete Trusses Required



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: 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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.059 F 999 240 VERT(CL): 0.119 F 999 180 HORZ(LL): 0.012 E - - HORZ(TL): 0.023 E - - Creep Factor: 2.0 Max TC CSI: 0.493 Max BC CSI: 0.406 Max Web CSI: 0.715 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 3619 -/- /- /- /892 -/ E 6089 -/- /- /- /1345 -/ Wind reactions based on MWFRS H Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 4.0 Min Req = 2.5 Bearings H & E are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 747 -2968 D - E 1011 -4322 C - D 758 -3040

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x8 SP 2400f-2.0E;
Webs: 2x4 SP #3; W1 2x4 SP #2;

Nailnote

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

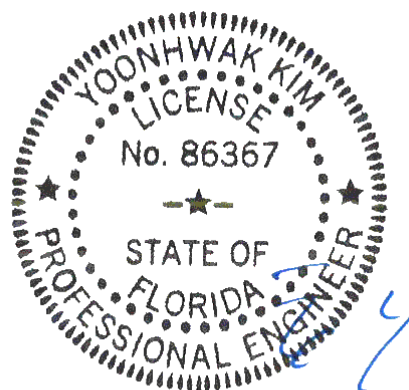
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at -1.50 to 64 plf at 6.50
TC: From 32 plf at 6.50 to 32 plf at 9.06
TC: From 64 plf at 9.06 to 64 plf at 13.00
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.06
BC: From 10 plf at 7.06 to 10 plf at 13.00
BC: 4696 lb Conc. Load at 7.06
BC: 1971 lb Conc. Load at 9.06
BC: 1986 lb Conc. Load at 11.06

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 4-8-7.

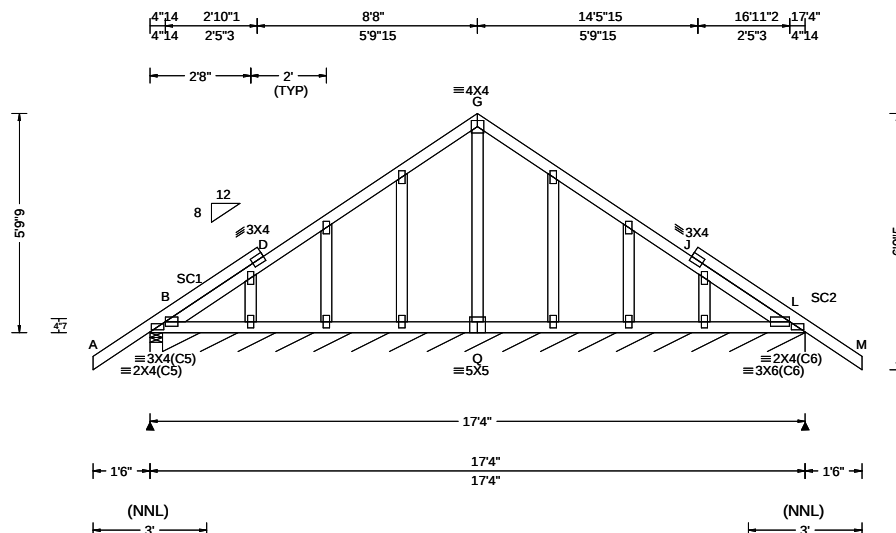


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11/05/2021

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

SEQN: 635194 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B01	Cust: R 215 JRef: 1Xa92150006 T9 / DrwNo: 309.21.1155.49533 / YK 11/05/2021
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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/defl L/# VERT(LL): 0.002 L 999 240 VERT(CL): 0.003 L 999 180 HORZ(LL): 0.001 J - - HORZ(TL): 0.001 J - - Creep Factor: 2.0 Max TC CSI: 0.238 Max BC CSI: 0.075 Max Web CSI: 0.069 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 272 /- /- /201 /51 /104 L* 82 /- /- /47 /- /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 L Brg Wid = 204 Min Req = - Bearings B & B are a rigid surface. Members not listed have forces less than 375#

Lumber

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

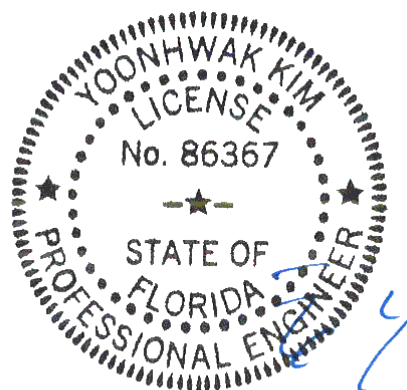
Wind loading based on both gable and hip roof types.

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). Dropped top chord braced at 24" oc intervals. 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 5-9-9.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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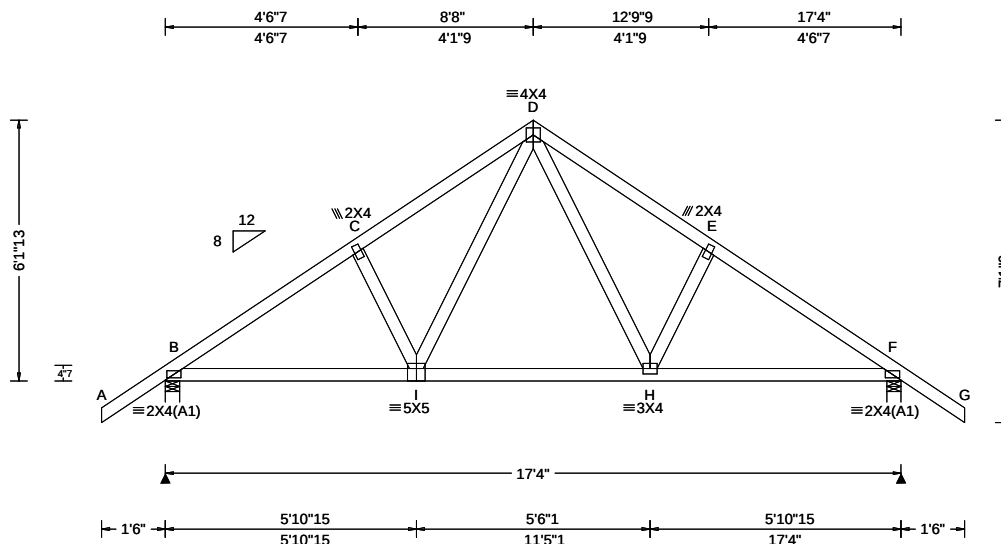
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635197 / FROM: CDM	COMN Ply: 1 Qty: 2	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B02	Cust: R 215 JRef: 1Xa92150006 T8 / DrwNo: 309.21.1155.49783 / YK 11/05/2021
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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 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): 0.021 H 999 240 VERT(CL): 0.044 H 999 180 HORZ(LL): 0.009 F - - HORZ(TL): 0.019 F - - Creep Factor: 2.0 Max TC CSI: 0.216 Max BC CSI: 0.326 Max Web CSI: 0.140 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 832 - / - / - / 520 / 138 / 213 F 832 - / - / - / 520 / 138 / - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = 4.0 Min Req = 1.5 Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 385 -983 D - E 446 -867 C - D 447 -866 E - F 385 -984

Lumber

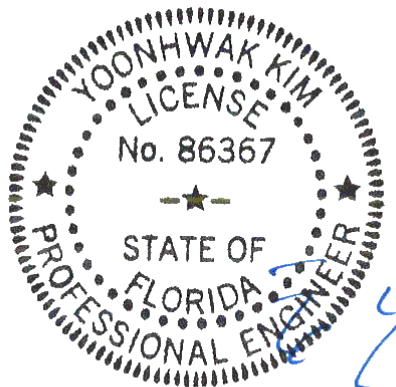
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 6'-11.13."

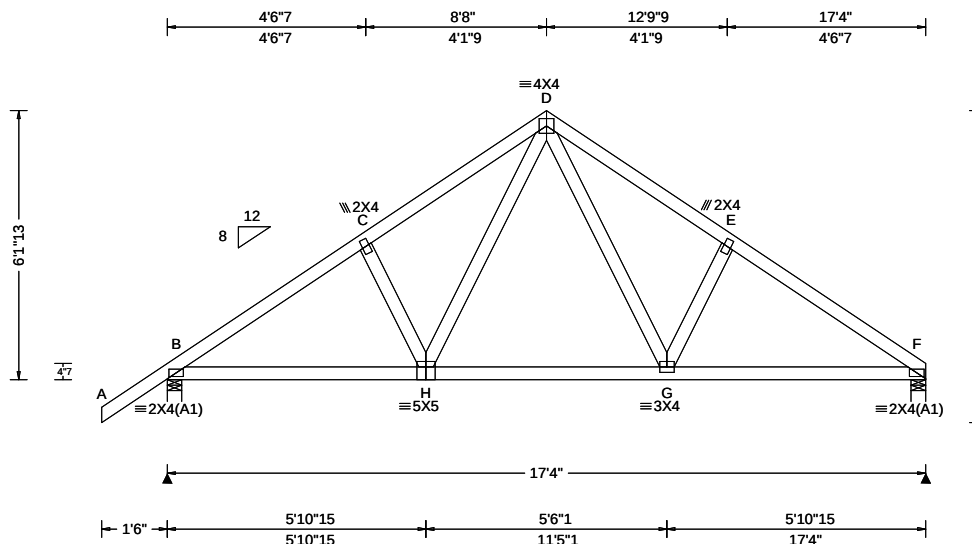


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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6750 Forum Drive
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SEQN: 635200 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B03	Cust: R 215 JRef: 1Xa92150006 T10 / DrwNo: 309.21.1155.50988 / YK 11/05/2021
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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: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.021 H 999 240 VERT(CL): 0.043 H 999 180 HORZ(LL): 0.009 F - - HORZ(TL): 0.019 F - - Creep Factor: 2.0 Max TC CSI: 0.215 Max BC CSI: 0.336 Max Web CSI: 0.138 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 837 /- /- /520 /140 /193 F 723 /- /- /428 /111 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = 4.0 Min Req = 1.5 Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 192 -992 D - E 248 -893 C - D 240 -875 E - F 200 -1007

Lumber

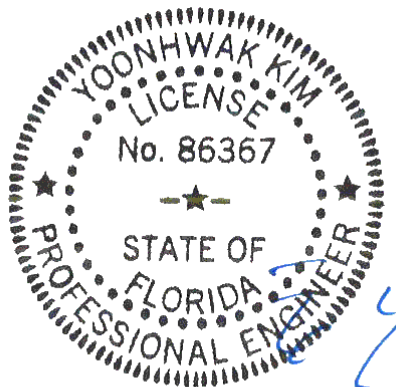
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 6'-1-13".

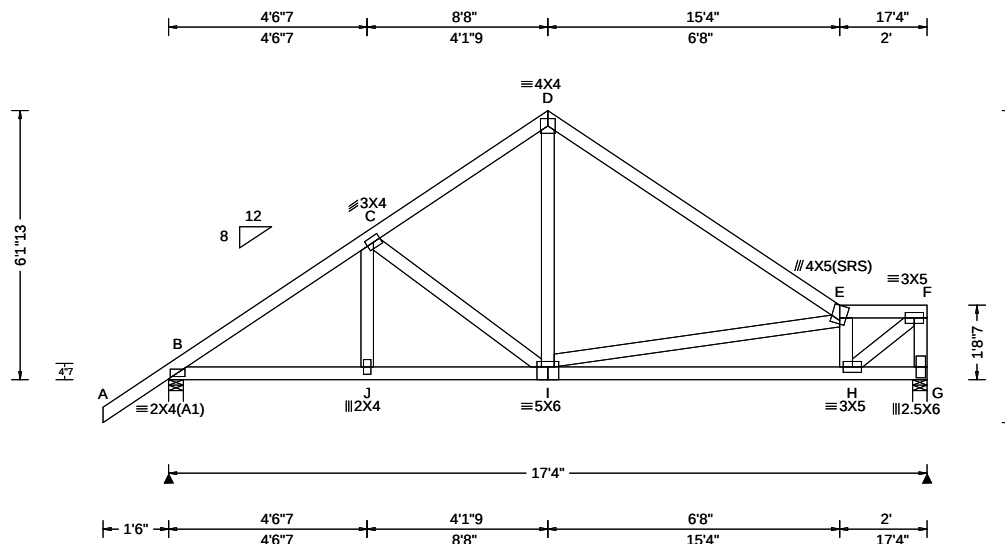


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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6750 Forum Drive
Suite 305
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SEQN: 635203 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B04	Cust: R 215 JRef: 1Xa92150006 T11 / DrwNo: 309.21.1155.49564 / YK 11/05/2021
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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: 3.00 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): 0.023 I 999 240 VERT(CL): 0.047 I 999 180 HORZ(LL): 0.011 G - - HORZ(TL): 0.022 G - - Creep Factor: 2.0 Max TC CSI: 0.531 Max BC CSI: 0.469 Max Web CSI: 0.444 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 843 -/- /- /525 /139 /177 G 717 -/- /- /390 /116 -/ Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 G Brg Wid = 4.0 Min Req = 1.5 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 187 -999 D - E 195 -798 C - D 204 -737 E - F 225 -900

Lumber

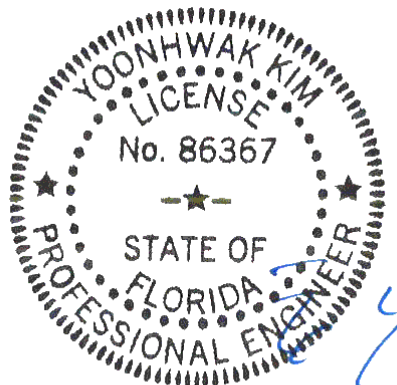
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 6'-1-13/8".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	761 -145	I - H	1032 -277
J - I	760 -145		

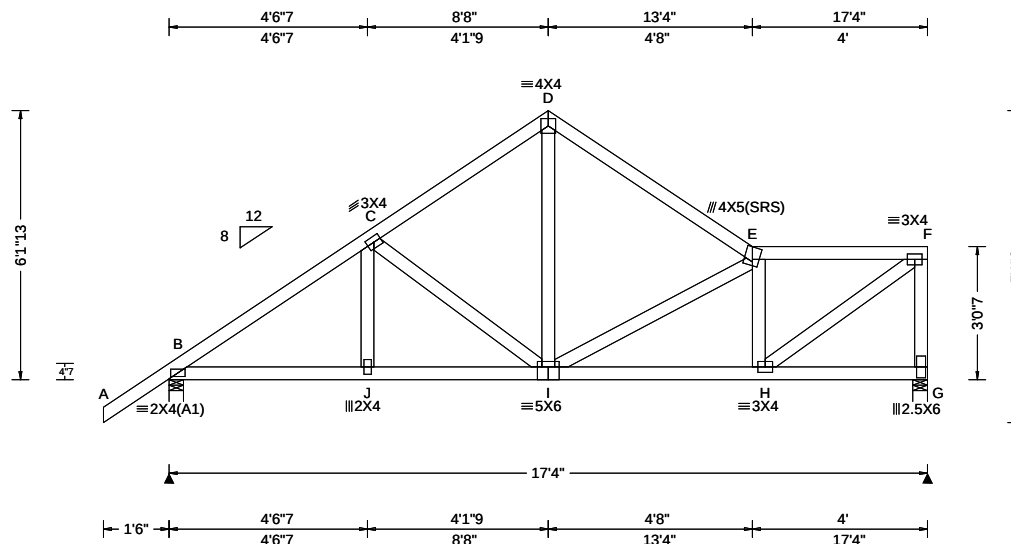
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - I	436 -51	H - F	1165 -289
I - E	226 -474	F - G	208 -722
E - H	263 -652		

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

SEQN: 635206 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B05	Cust: R 215 JRef:1Xa92150006 T12 / DrwNo: 309.21.1155.50252 / YK 11/05/2021
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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: 3.00 ft Loc. from endwall: not in 9.00 ft GCcp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.023 I 999 240 VERT(CL): 0.048 I 999 180 HORZ(LL): 0.009 C - - HORZ(TL): 0.018 C - - Creep Factor: 2.0 Max TC CSI: 0.233 Max BC CSI: 0.275 Max Web CSI: 0.371 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 843 /- /- /531 /133 /173 G 717 /- /- /384 /126 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 G Brg Wid = 4.0 Min Req = 1.5 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 208 -1006 D - E 235 -739 C - D 228 -727 E - F 273 -788

Lumber

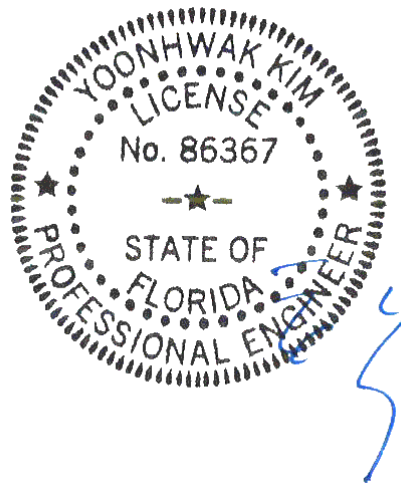
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 6'-1-13".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	769 -212	I - H	840 -299
J - I	768 -213		

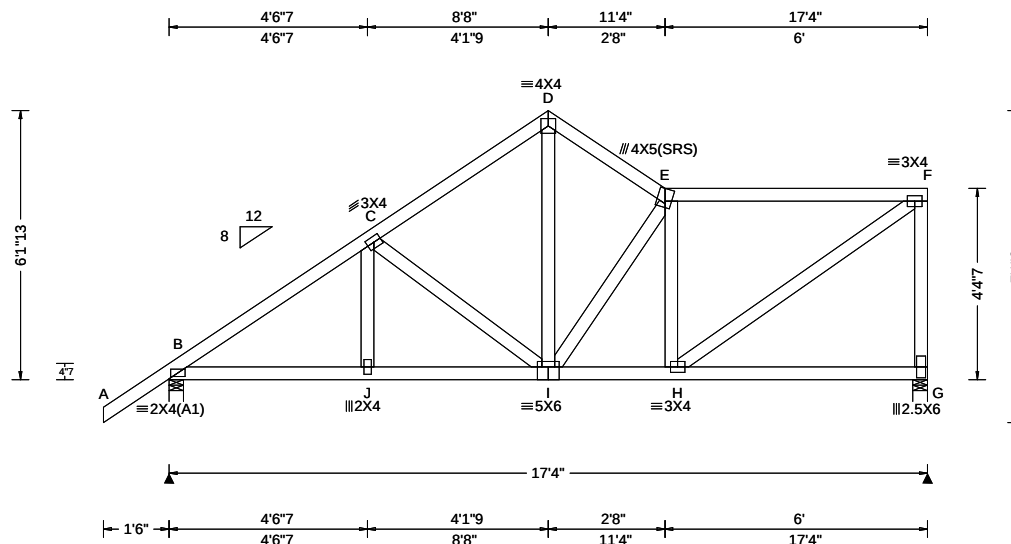
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - I	449 -129	H - F	973 -332
E - H	251 -493	F - G	333 -685

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ALPINE
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635209 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B06	Cust: R 215 JRef: 1Xa92150006 T13 / DrwNo: 309.21.1155.51017 / YK 11/05/2021
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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: 3.00 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): 0.024 I 999 240 VERT(CL): 0.050 I 999 180 HORZ(LL): 0.009 C - - HORZ(TL): 0.019 C - - Creep Factor: 2.0 Max TC CSI: 0.585 Max BC CSI: 0.341 Max Web CSI: 0.362 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL B 843 /- /- /539 /125 /170 G 717 /- /- /394 /138 /- Non-Gravity Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 G Brg Wid = 4.0 Min Req = 1.5 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 247 -1011 D - E 320 -710 C - D 267 -720 E - F 323 -704

Lumber

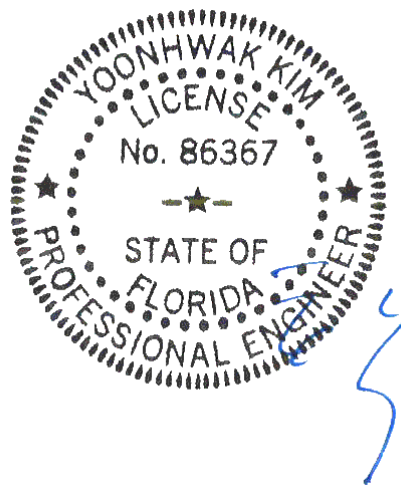
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 6'-1-13/16."



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	775 -292	I - H	732 -343
J - I	773 -293		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - I	544 -270	H - F	864 -396
E - H	290 -398	F - G	430 -668

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

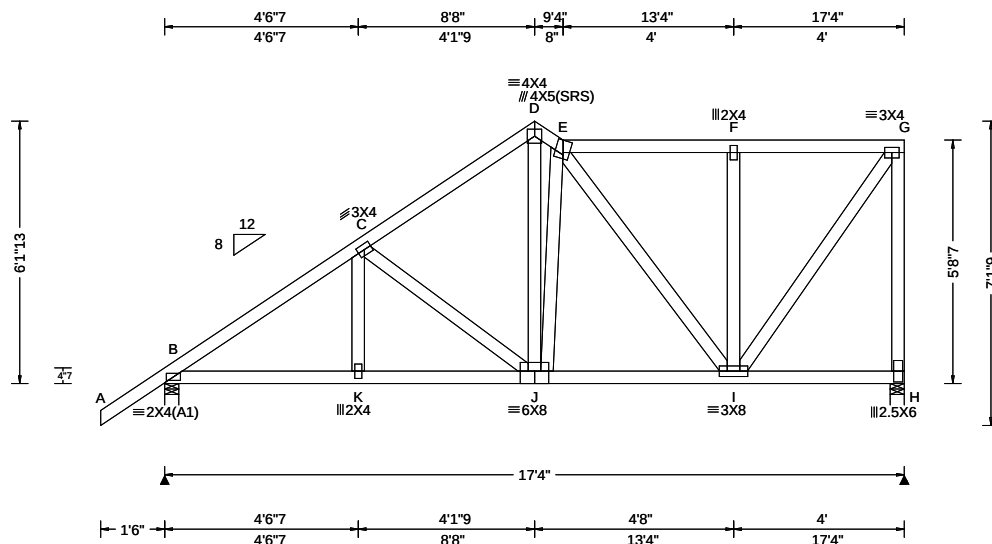
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635212 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B07	Cust: R 215 JRef: 1Xa92150006 T14 / DrwNo: 309.21.1155.50486 / YK 11/05/2021
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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 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/def L/# VERT(LL): 0.021 E 999 240 VERT(CL): 0.043 E 999 180 HORZ(LL): 0.008 C - - HORZ(TL): 0.016 C - - Creep Factor: 2.0 Max TC CSI: 0.232 Max BC CSI: 0.257 Max Web CSI: 0.395 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL B 843 /- /- /552 /36 /168 H 717 /- /- /400 /122 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 H Brg Wid = 4.0 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 293 -1008 E - F 279 -432 C - D 316 -725 F - G 278 -432 D - E 346 -614

Lumber

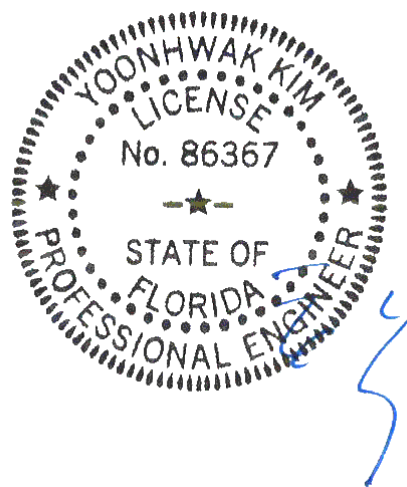
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 6-1-13.

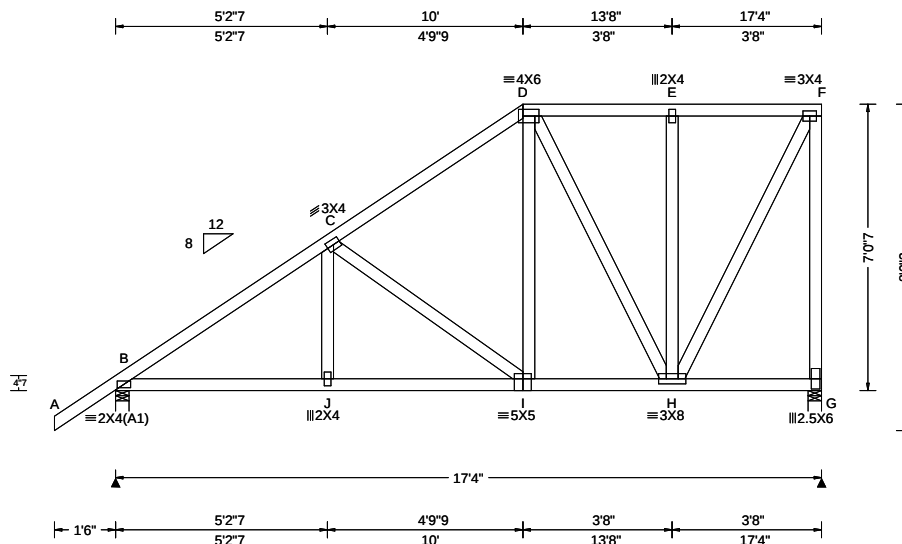


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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AN ITW COMPANY
6750 Forum Drive
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Orlando FL, 32821

SEQN: 635215 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B08	Cust: R 215 JRef:1Xa92150006 T15 / DrwNo: 309.21.1155.50627 / YK 11/05/2021
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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 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): 0.019 J 999 240 VERT(CL): 0.040 J 999 180 HORZ(LL): 0.007 C - - HORZ(TL): 0.016 C - - Creep Factor: 2.0 Max TC CSI: 0.248 Max BC CSI: 0.280 Max Web CSI: 0.606 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 843 /- /- /562 /28 /190 G 717 /- /- /420 /132 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 G Brg Wid = 4.0 Min Req = 1.5 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 237 -995 C - D 257 -645

Lumber

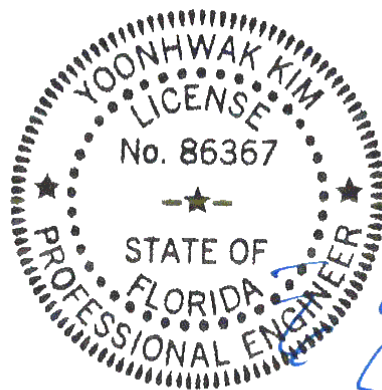
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 7'-0".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	755 -367	I - H	461 -267
J - I	754 -368		

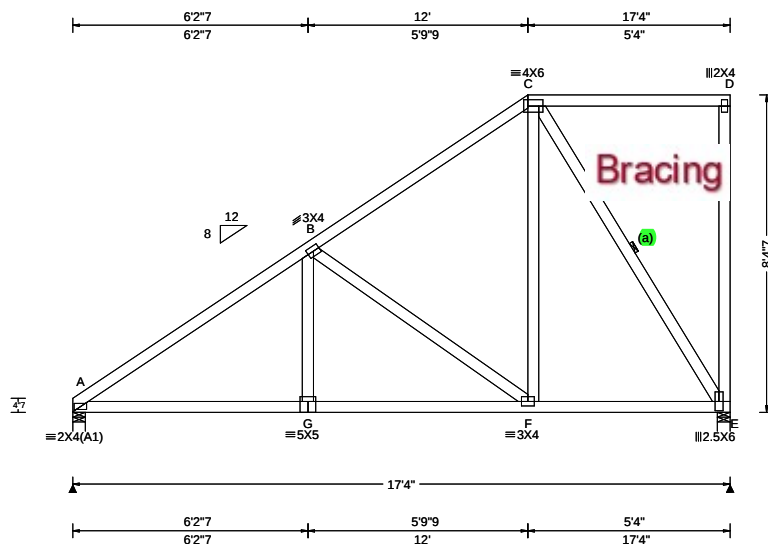
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
H - F	672 -435	F - G	496 -686

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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635218 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B09	Cust: R 215 JRef:1Xa92150006 T16 / DrwNo: 309.21.1155.50768 / YK 11/05/2021
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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 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): 0.020 G 999 240 VERT(CL): 0.039 G 999 180 HORZ(LL): 0.008 E - - HORZ(TL): 0.017 E - - Creep Factor: 2.0 Max TC CSI: 0.546 Max BC CSI: 0.366 Max Web CSI: 0.499 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 756 /- /- /475 /- /206 E 798 /- /- /457 /133 /- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 4.0 Min Req = 1.5 Bearings A & E are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 148 -1023 B - C 145 -575

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

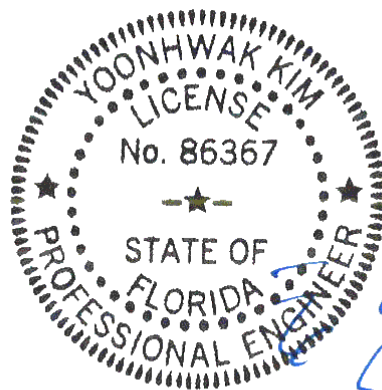
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 8'-4"-7".

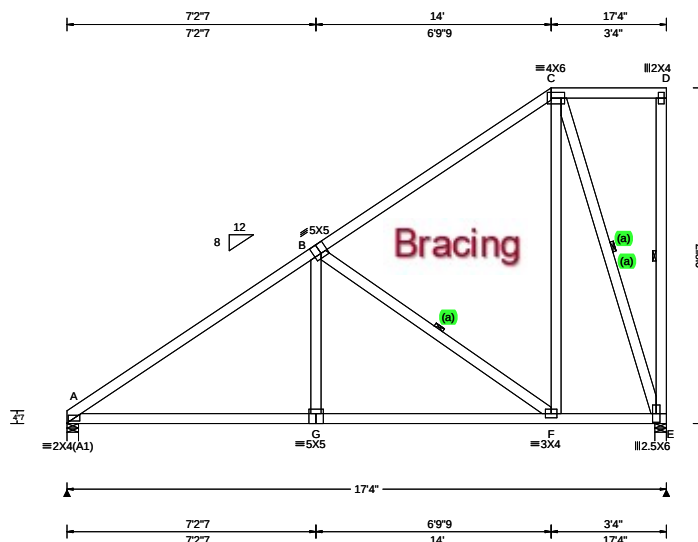


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635221 / FROM: CDM	HIPM Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B10	Cust: R 215 JRef: 1Xa92150006 T7 / DrwNo: 309.21.1155.50128 / YK 11/05/2021
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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: 15.13 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/def L/# VERT(LL): 0.018 G 999 240 VERT(CL): 0.037 G 999 180 HORZ(LL): 0.008 B - - HORZ(TL): 0.016 B - - Creep Factor: 2.0 Max TC CSI: 0.665 Max BC CSI: 0.487 Max Web CSI: 0.321 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 735 /- /- /474 /- /240 E 722 /- /- /495 /134 /- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 4.0 Min Req = 1.5 Bearings A & E are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 55 -954 B - C 50 -401

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

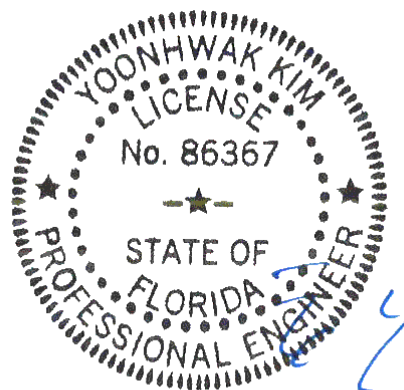
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9'-8-7/8\"/>



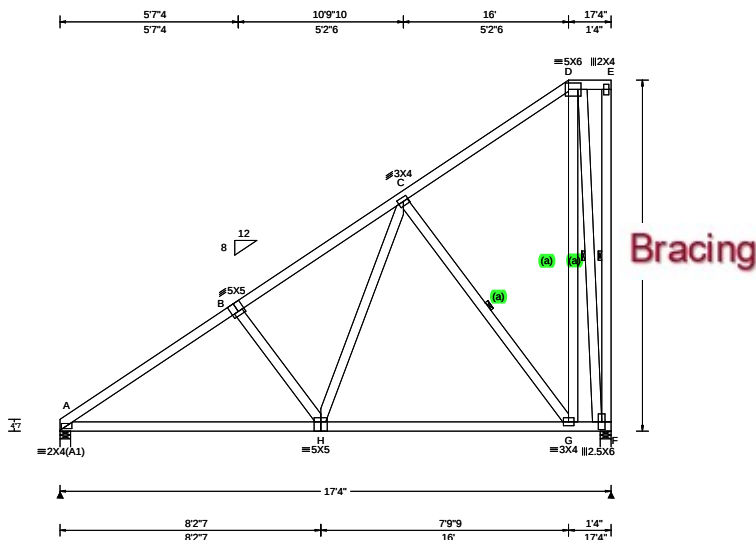
FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635224 / FROM: CDM	HIPM Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B11	Cust: R 215 JRef: 1Xa92150006 T6 / DrwNo: 309.21.1155.50392 / YK 11/05/2021
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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: 15.80 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/def L/# VERT(LL): 0.028 H 999 240 VERT(CL): 0.054 H 999 180 HORZ(LL): 0.012 B - - HORZ(TL): 0.022 B - - Creep Factor: 2.0 Max TC CSI: 0.368 Max BC CSI: 0.594 Max Web CSI: 0.531 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 783 /- /- /467 /- /277 F 815 /- /- /539 /138 /- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = 4.0 Min Req = 1.5 Bearings A & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 0 -1071 B - C 23 -876

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

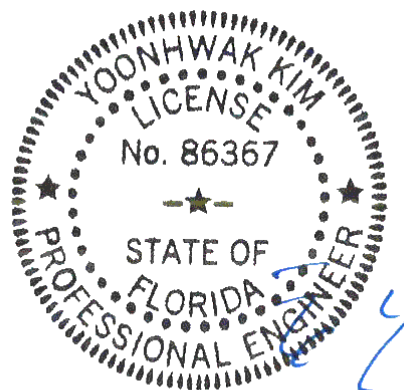
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 11-0-7.

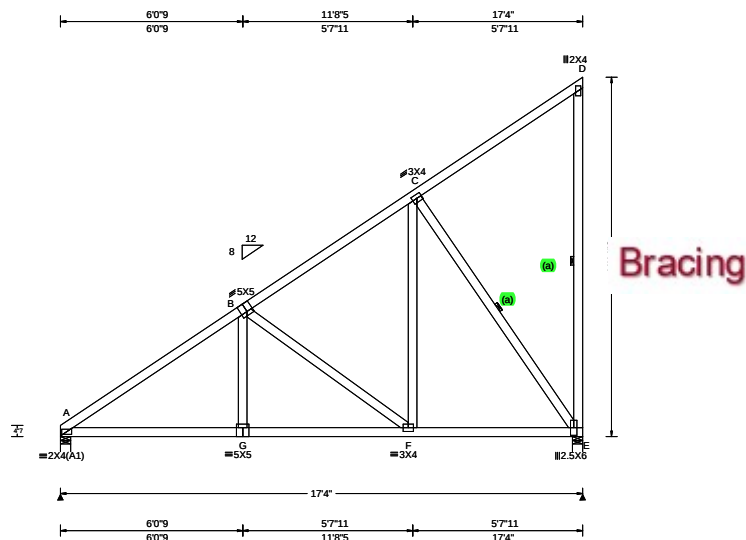


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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ALPINE
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6750 Forum Drive
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Orlando FL, 32821

SEQN: 635227 / FROM: CDM	MONO Ply: 1 Qty: 2	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B12	Cust: R 215 JRef: 1Xa92150006 T4 / DrwNo: 309.21.1155.49706 / YK 11/05/2021
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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: 16.24 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/def L/# VERT(LL): 0.019 G 999 240 VERT(CL): 0.038 G 999 180 HORZ(LL): 0.008 E - - HORZ(TL): 0.017 E - - Creep Factor: 2.0 Max TC CSI: 0.513 Max BC CSI: 0.379 Max Web CSI: 0.394 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 760 /- /- /459 /- /302 E 802 /- /- /572 /139 /- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 4.0 Min Req = 1.5 Bearings A & E are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 0 -1025 B - C 0 -616

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

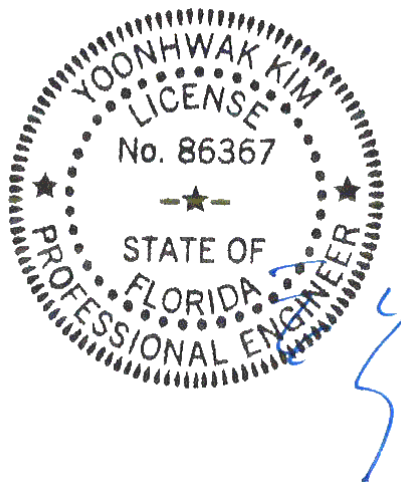
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 11-11-2.



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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - G	774 -292	F - E	419 -146
G - F	772 -292		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - F	182 -428	C - E	253 -725
F - C	479 -43		

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

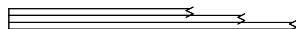
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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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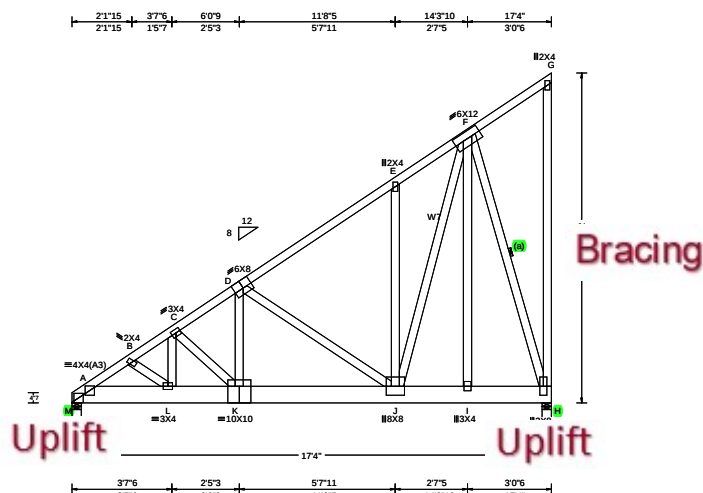
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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SEQN: 635472 / FROM: CDM	MONO Ply: 3 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: B13	Cust: R 215 JRef: 1Xa92150006 T39 / DrwNo: 309.21.1155.51252 / YK 11/05/2021
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3 Complete Trusses Required



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: 16.24 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.086 K 999 240 VERT(CL): 0.171 K 999 180 HORZ(LL): -0.047 G - - HORZ(TL): 0.093 G - - Creep Factor: 2.0 Max TC CSI: 0.310 Max BC CSI: 0.968 Max Web CSI: 0.913 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 8235 -/- /- /- /772 -/ H 7553 -/- /- /- /1028 -/ Wind reactions based on MWFRS M Brg Wid = 4.0 Min Req = 3.2 H Brg Wid = 4.0 Min Req = 3.0 Bearings M & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 428 -4322 D - E 243 -1832 B - C 421 -4306 E - F 235 -1803 C - D 408 -3824

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x8 SP #2;
Webs: 2x4 SP #3; W7 2x4 SP #2;

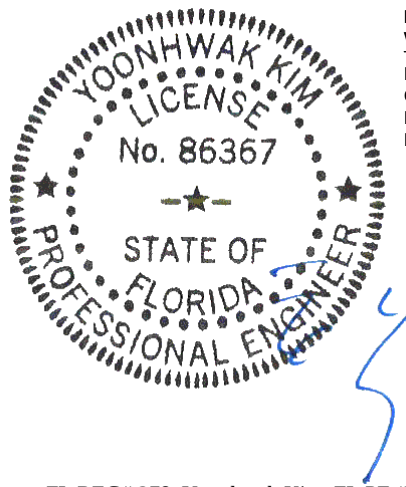
Bracing
(a) Continuous lateral restraint equally spaced on member.

Nailnote
Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 3.50" o.c. (Each Row)
Webs: 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads
----- (Lumber Dur. Fac. = 1.25 / Plate Dur. Fac. = 1.25)
TC: From 64 plf at 0.00 to 64 plf at 12.27
TC: From 32 plf at 12.27 to 32 plf at 17.33
BC: From 20 plf at 0.00 to 20 plf at 2.27
BC: From 10 plf at 2.27 to 10 plf at 17.33
BC: 2148 lb Conc. Load at 2.27
BC: 2147 lb Conc. Load at 4.27
BC: 1998 lb Conc. Load at 6.27
BC: 1838 lb Conc. Load at 8.27
BC: 2878 lb Conc. Load at 10.27
BC: 1178 lb Conc. Load at 12.27
BC: 1204 lb Conc. Load at 14.27
BC: 1253 lb Conc. Load at 16.27

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

Additional Notes
The overall height of this truss excluding overhang is 11-11-2.

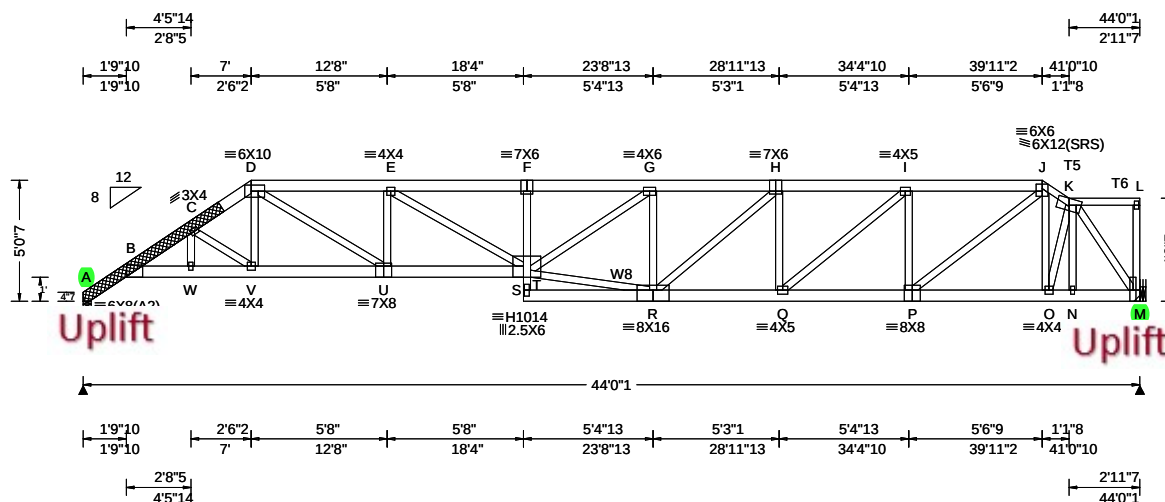


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2 Complete Trusses Required



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: 4.40 ft Loc. from endwall: not in 6.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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/def L/# VERT(LL): 0.427 F 999 240 VERT(CL): 0.856 F 612 180 HORZ(LL): 0.200 M - - HORZ(TL): 0.402 M - - Creep Factor: 2.0 Max TC CSI: 0.847 Max BC CSI: 0.382 Max Web CSI: 0.950 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 4332 -/- /- /- /1108 -/ M 4696 -/- /- /- /1384 -/ Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 2.0 M Brg Wid = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
				A - B 306 -1197 F - G 1906 -7030 B - C 1207 -4728 G - H 1478 -5445 C - D 1206 -4697 H - I 1341 -4900 D - E 1525 -5741 I - J 1035 -3733 E - F 1913 -7058 J - K 620 -2174

Lumber
Top chord: 2x6 SP 2400F-2.0E; T5, T6 2x4 SP #2;
Bot chord: 2x6 SP 2400F-2.0E;
Webs: 2x4 SP #3; W8 2x4 SP M-31;

Nailnote
Nail Schedule: 0.128"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.

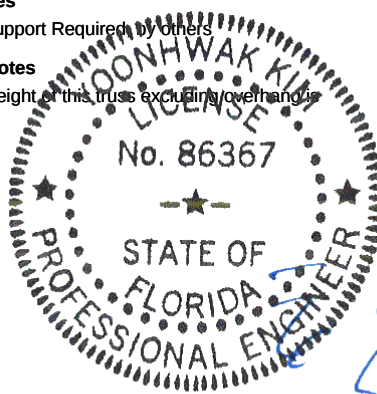
Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at 0.00 to 64 plf at 7.00
TC: From 32 plf at 7.00 to 32 plf at 39.93
TC: From 64 plf at 39.93 to 64 plf at 44.00
BC: From 20 plf at 1.80 to 20 plf at 7.03
BC: From 10 plf at 7.03 to 10 plf at 44.00
TC: 473 lb Conc. Load at 7.03
TC: 207 lb Conc. Load at 9.06, 11.06, 13.06, 15.06, 17.06
TC: 193 lb Conc. Load at 19.06, 21.06, 23.06, 25.06
27.06, 29.06, 31.06, 33.06, 35.06, 37.06, 39.06
TC: 127 lb Conc. Load at 41.06
BC: 474 lb Conc. Load at 7.03
BC: 106 lb Conc. Load at 9.06, 11.06, 13.06, 15.06, 17.06
BC: 131 lb Conc. Load at 19.06, 21.06, 23.06, 25.06, 27.06, 29.06, 31.06, 33.06, 35.06, 37.06, 39.06
BC: 322 lb Conc. Load at 41.06
BC: 274 lb Conc. Load at 43.06

Plating Notes
All plates are 2X4 except as noted.

Tray Scab(s)
(2) 2x6x6-11-11 x SP 2400F-2.0E scabs at left end.
Attach one scab to each outer face of chord with:
0.128"x3", min. nails @ 8" oc, Plus additional nail clusters at: BRG.: (6), heel: (10), 1st panel point: (4).

Hangers / Ties
(J) Hanger Support Required by others

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



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11/05/2021

Chords	Tens.Comp.	Chords	Tens. Comp.
B - W 4602 -1172	Q - P 3819 -1064		
W - V 4586 -1168	P - O 1891 -544		
V - U 3905 -1005	O - N 1660 -485		
U - S 5828 -1554	N - M 1661 -487		
R - Q 4950 -1359			

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
W - C 147 -526 R - H 666 -160
C - V 204 -852 H - Q 283 -777
D - V 1174 -229 Q - I 1453 -372
D - U 2183 -618 I - P 460 -1370
U - E 361 -1032 P - J 2420 -644
E - S 1442 -419 J - O 197 -624
S - G 1856 -498 O - K 917 -227
S - R 5454 -1480 K - M 805 -2747
G - R 464 -1396

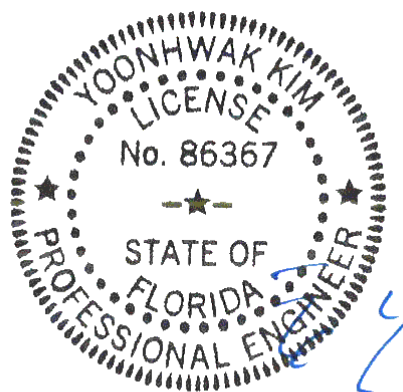
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635468 / FROM: CDM Page 2 of 2	SPEC Ply: 2 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C01	Cust: R 215 JRef: 1Xa92150006 T49 / DrwNo: 309.21.1155.51189 / YK 11/05/2021
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Wind

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



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11/05/2021

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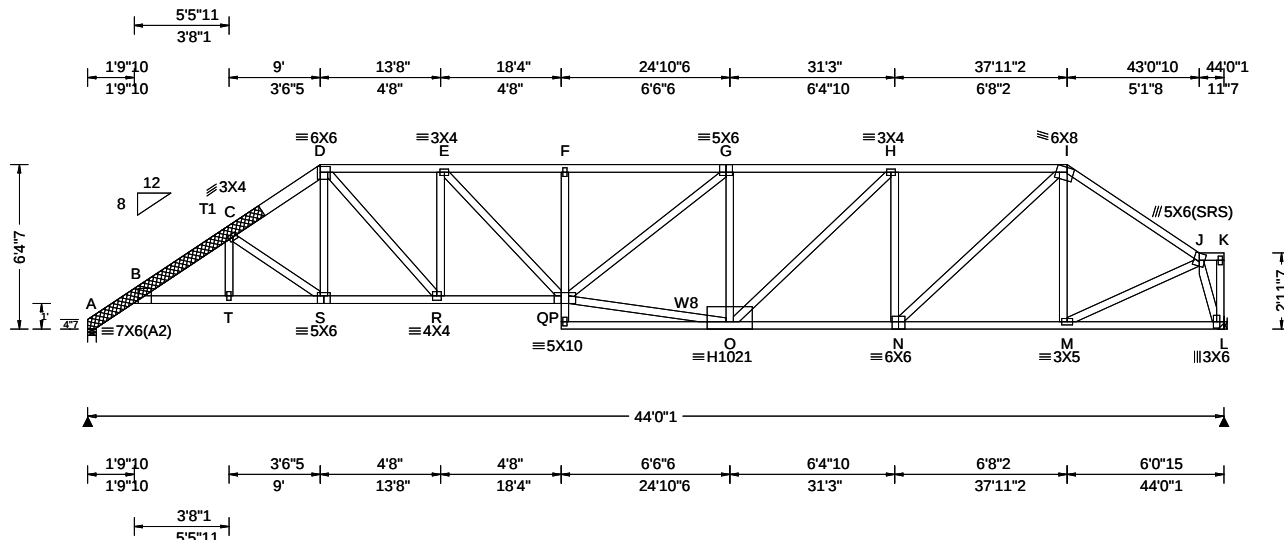
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SEQN: 635346 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C02	Cust: R 215 JRef: 1Xa92150006 T63 / DrwNo: 309.21.1155.50408 / YK 11/05/2021
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Loading Criteria (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: 4.40 ft Loc. from endwall: not in 6.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.354 F 999 240 VERT(CL): 0.701 F 749 180 HORZ(LL): 0.181 L - - HORZ(TL): 0.358 L - - Creep Factor: 2.0 Max TC CSI: 0.659 Max BC CSI: 0.849 Max Web CSI: 0.785 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 1868 - / - / 1023 / 335 / 167 L 1971 - / - / 973 / 326 - / - Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.8 L Brg Wid = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 267 -1027 F - G 1402 -4128 B - C 1117 -3604 G - H 1140 -3471 C - D 1105 -3271 H - I 1016 -2962 D - E 1225 -3476 I - J 694 -2202 E - F 1407 -4145

Lumber

Top chord: 2x4 SP #2; T1 2x6 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W8 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Tray Scab(s)

(2) 2x6x8-1-13 x SP 2400f-2.0E scabs at left end.
Attach one scab to each outer face of chord with:
0.128"x3", min. nails @ 8" oc, Plus additional nail
clusters at: BRG.: (5), heel: (7), 1st panel point: (3).

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

Wind

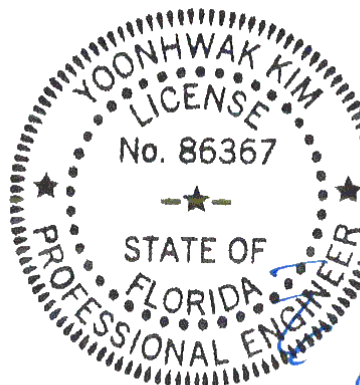
Wind loads based on MWFRS with additional C&C
member design.

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
6'-4".

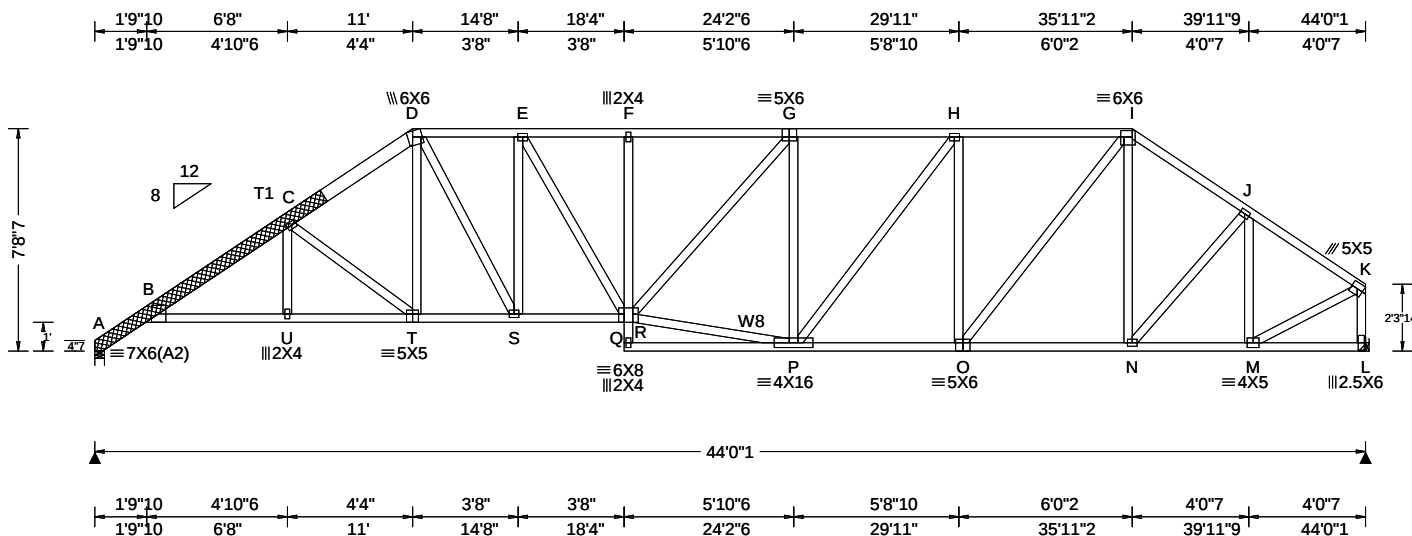


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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SEQN: 635342 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C03	Cust: R 215 JRef: 1Xa92150006 T17 / DrwNo: 309.21.1155.48892 / YK 11/05/2021
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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 TCCL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.40 ft Loc. from endwall: not in 6.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.281 F 999 240 VERT(CL): 0.553 F 949 180 HORZ(LL): 0.174 L - - HORZ(TL): 0.342 L - - Creep Factor: 2.0 Max TC CSI: 0.459 Max BC CSI: 0.770 Max Web CSI: 0.836 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 1885 - / - / - / 1045 / 333 / 209 L 1986 - / - / - / 1016 / 318 / - Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.8 L Brg Wid = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

Top chord: 2x4 SP #2; T1 2x6 SP 2400F-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W8 2x4 SP #2;

Plating Notes

All plates are 3X4 except as noted.

Tray Scab(s)

(2) 2x6x9-7-1 x SP 2400F-2.0E scabs at left end.
Attach one scab to each outer face of chord with:
0.128"x3", min. nails @ 8" oc. Plus additional nail
clusters at: BRG.: (5), heel: (7), 1st panel point: (2).

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

Wind

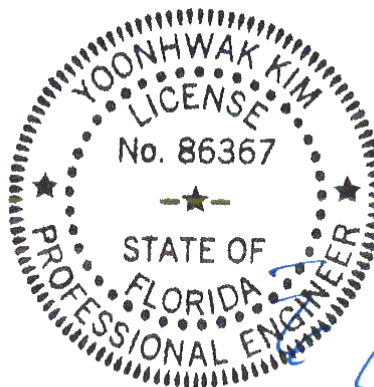
Wind loads based on MWFRS with additional C&C
member design.

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
7-8-7.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	3129 - 904	P - O	2637 - 729
U - T	3125 - 902	O - N	1827 - 469
T - S	2458 - 681	N - M	1589 - 427
S - Q	2934 - 845		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - T	282 - 850	G - P	372 - 785
D - T	606 - 143	P - H	450 - 190
D - S	898 - 327	H - O	381 - 753
S - E	358 - 809	O - I	1257 - 411
E - Q	742 - 247	J - M	255 - 733
Q - G	564 - 237	M - K	1736 - 462
Q - P	2912 - 790	K - L	556 - 1946

FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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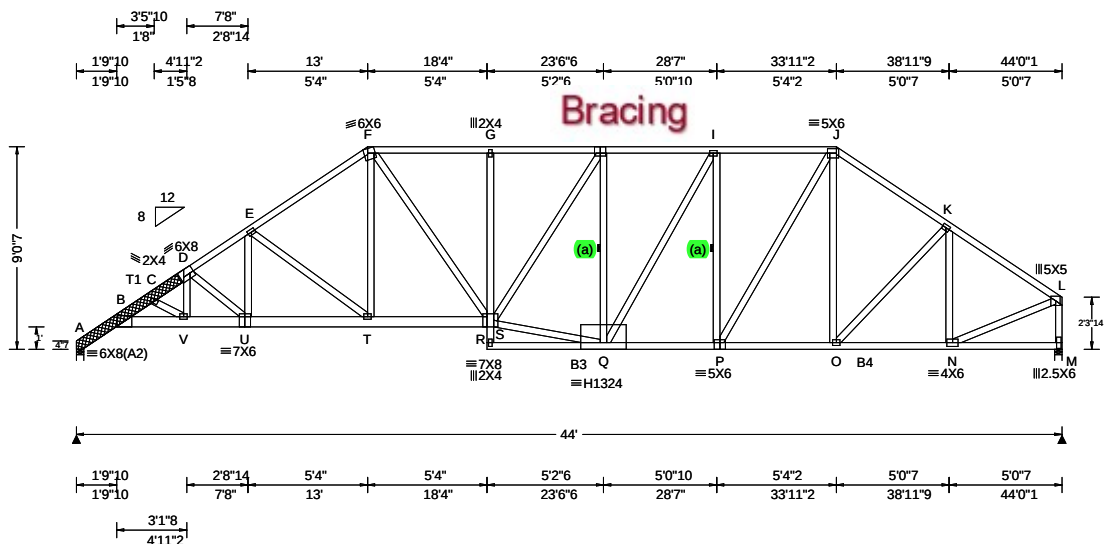
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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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SEQN: 635337 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C04	Cust: R 215 JRef: 1Xa92150006 T18 / DrwNo: 309.21.1155.48971 / YK 11/05/2021
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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: 4.40 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): 0.248 G 999 240 VERT(CL): 0.475 G 999 180 HORZ(LL): 0.149 M - - HORZ(TL): 0.286 M - - Creep Factor: 2.0 Max TC CSI: 0.427 Max BC CSI: 0.693 Max Web CSI: 0.985 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL A 1960 - / - / /1064 /330 /249 M 2013 - / - / /1036 /314 - / Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.8 M Brg Wid = 4.0 Min Req = 2.4 Bearings A & 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; T1 2x6 SP 2400f-2.0E;
Bot chord: 2x6 SP 2400f-2.0E; B3,B4 2x4 SP #2;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Tray Scab(s)

(2) 2x6x5-6-13 x SP 2400f-2.0E scabs at left end.
Attach one scab to each outer face of chord with:
0.128"x3", min. nails @ 8" oc, Plus additional nail
clusters at: BRG: (5), heel: (12), 1st panel point: (7).

Loading

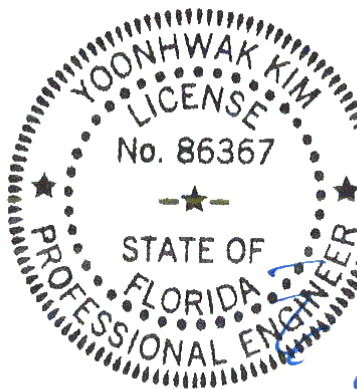
Truss passed check for 20 psf additional bottom
chord live load in areas with 42"-high x 24"-wide
clearance.

Wind

Wind loads based on MWFRS with additional C&C
member design.
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
9-0-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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Lumber	C - D	809 - 3238	G - H	784 - 2350
Top chord: 2x4 SP #2;	D - E	808 - 2734	H - I	741 - 2457
Bot chord: 2x4 SP #2;	E - F	800 - 2433	I - J	593 - 2409
Webbs: 2x4 SP #3;				
				Maximum Bot Chord Forces Per Ply (lbs)

(a) Continuous lateral restraint equally spaced on member

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

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

The overall height of this truss excluding overhang is 10-4-7.

A circular professional engineer seal for the State of Florida. The outer ring contains the text "Yoonhwak Kim" at the top and "Professional Engineer" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 86367" is in the center, and "STATE OF FLORIDA" is at the bottom, also separated by two stars. A blue ink signature is written across the bottom right of the seal.

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11/05/2021

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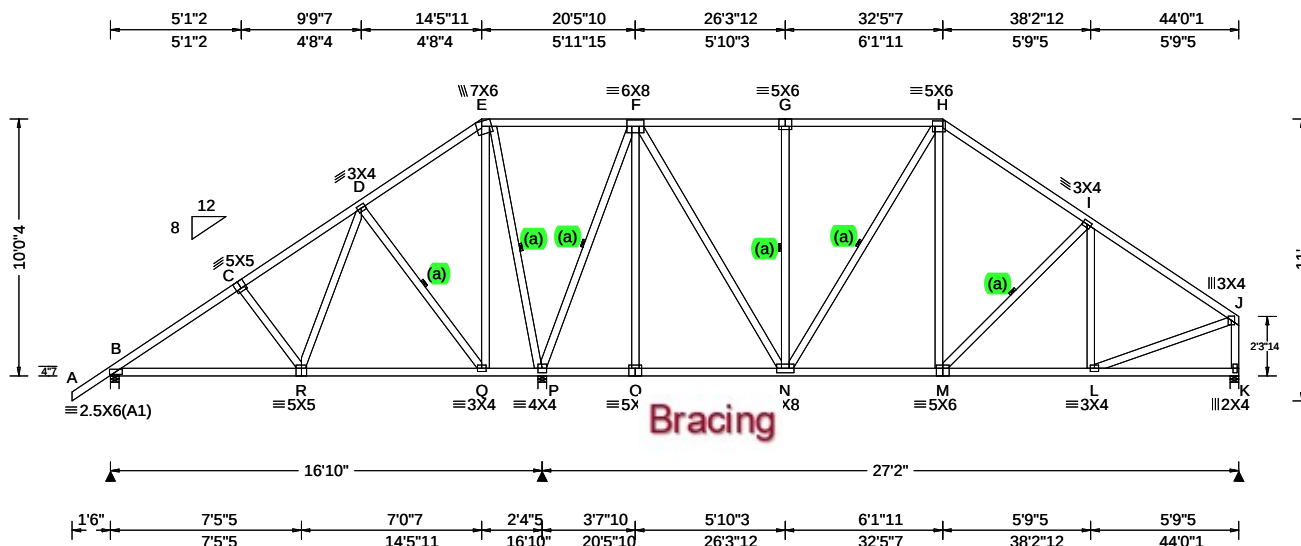
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SEQN: 635322 / FROM: CDM	HIPS Qty: 4	Ply: 1 Qty: 4	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C06	Cust: R 215 JRef: 1Xa92150006 T44 / DrwNo: 309.21.1155.50017 / YK 11/05/2021
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Loading Criteria (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: 15.63 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.037 M 999 240 VERT(CL): 0.071 M 999 180 HORZ(LL): 0.012 K - - HORZ(TL): 0.022 K - - Creep Factor: 2.0 Max TC CSI: 0.571 Max BC CSI: 0.456 Max Web CSI: 0.896 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL B 656 -/- /- /414 /8 /299 P 2582 -/- /- /1268 -/- /- K 1115 -/- /- /668 -/- /- Non-Gravity Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 P Brg Wid = 4.0 Min Req = 2.7 K Brg Wid = 4.0 Min Req = 1.5 Bearings B, P, & 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.

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

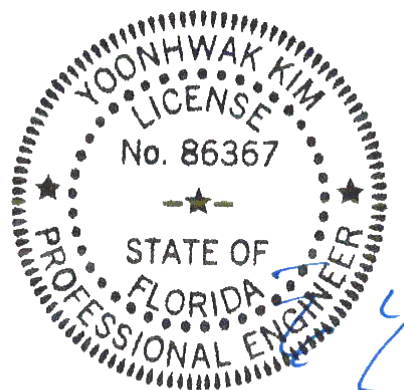
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 10'-0".



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11/05/2021

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11/05/2021

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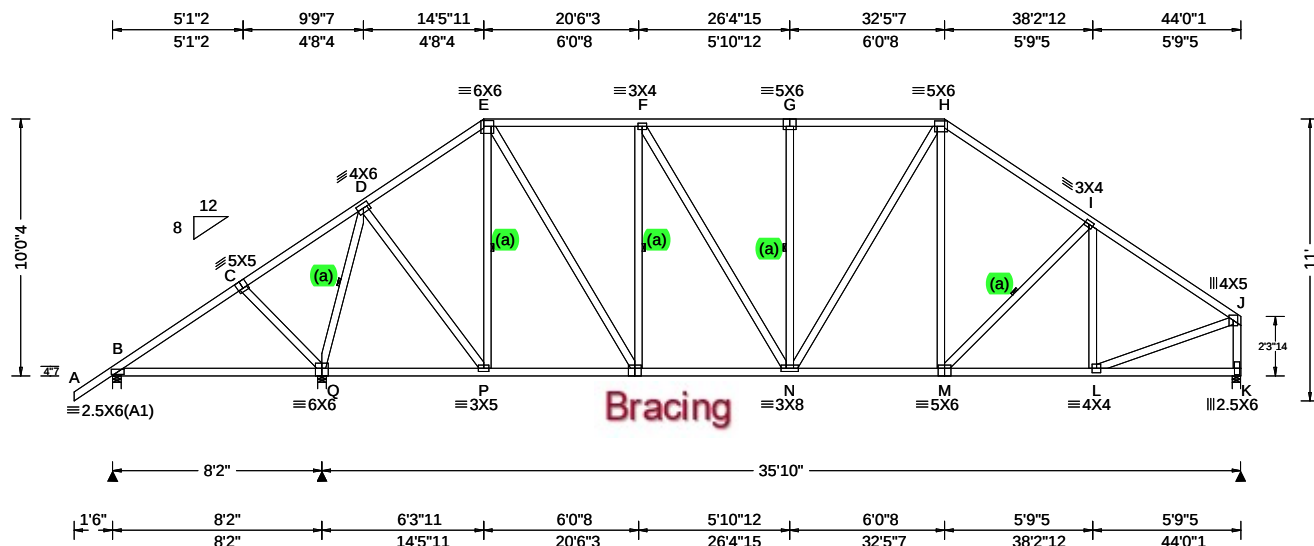
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SEQN: 635319 / FROM: CDM	SPEC	Ply: 1 Qty: 4	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C08	Cust: R 215 JRef: 1Xa92150006 T74 / DrwNo: 309.21.1155.48595 / YK 11/05/2021
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Loading Criteria (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: > 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.085 G 999 240 VERT(CL): 0.158 G 999 180 HORZ(LL): 0.028 K - - HORZ(TL): 0.052 K - - Creep Factor: 2.0 Max TC CSI: 0.481 Max BC CSI: 0.570 Max Web CSI: 0.848 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL B 354 - / - / - /216 - /299 Q 2350 - / - / - /1204 /165 - K 1649 - / - / - /894 /59 - Non-Gravity Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 Q Brg Wid = 4.0 Min Req = 2.3 K Brg Wid = 4.0 Min Req = 1.9 Bearings B, Q, & 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.

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

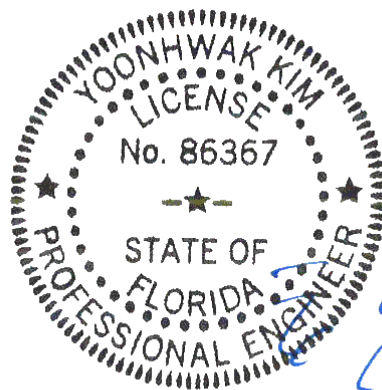
Wind loads based on MWFRS with additional C&C member design.

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 10'-0".



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
P - O	912 -142	N - M	1410 -287
O - N	1473 -308	M - L	1432 -345

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
Q - D	615 -1975	N - H	399 -173
D - P	1106 -265	I - L	182 -384
E - P	271 -649	L - J	1479 -348
E - O	1051 -345	J - K	442 -1598
O - F	354 -645		

FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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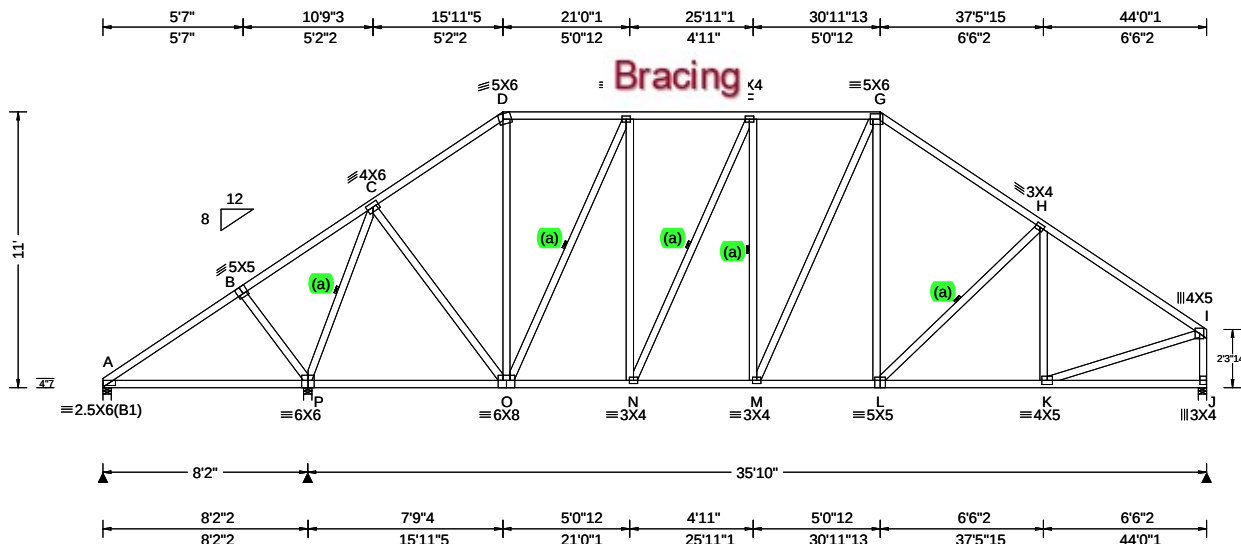
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SEQN: 635316 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C09	Cust: R 215 JRef: 1Xa92150006 T42 / DrwNo: 309.21.1155.49673 / YK 11/05/2021
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Loading Criteria (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: 17.47 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.078 F 999 240 VERT(CL): 0.143 F 999 180 HORZ(LL): 0.030 J - - HORZ(TL): 0.055 J - - Creep Factor: 2.0 Max TC CSI: 0.655 Max BC CSI: 0.621 Max Web CSI: 0.658 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL A 253 - / - / - /152 - /312 P 2376 - / - / - /1220 - / - J 1717 - / - / - /910 - / - Non-Gravity Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 P Brg Wid = 4.0 Min Req = 2.4 J Brg Wid = 4.0 Min Req = 2.0 Bearings A, P, & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

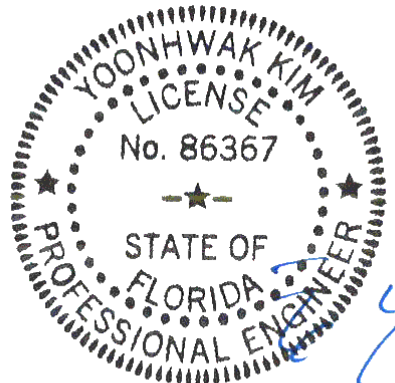
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 11'-0".

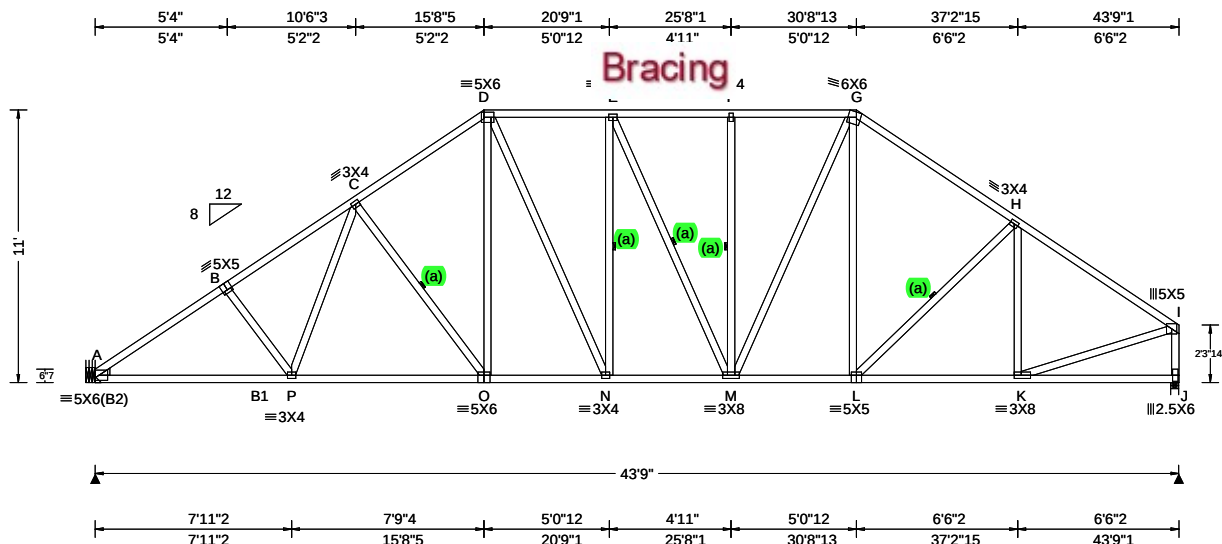


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635441 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C10	Cust: R 215 JRef: 1Xa92150006 T76 / DrwNo: 309.21.1155.49517 / YK 11/05/2021
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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: 15.86 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.38 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.176 O 999 240 VERT(CL): 0.322 O 999 180 HORZ(LL): 0.072 J - - HORZ(TL): 0.132 J - - Creep Factor: 2.0 Max TC CSI: 0.852 Max BC CSI: 0.812 Max Web CSI: 0.769 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 2131 - / - / 1105 / 75 / 305 J 2136 - / - / 1057 / 51 - Wind reactions based on MWFRS A Brg Wid = - Min Req = - J Brg Wid = 4.0 Bearing J is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

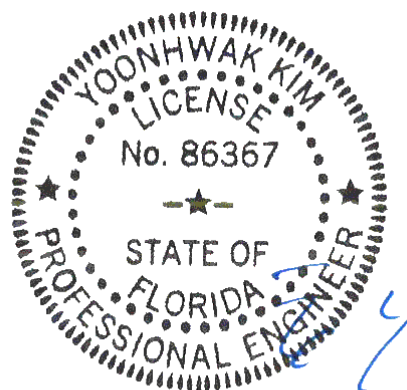
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 11'-0".

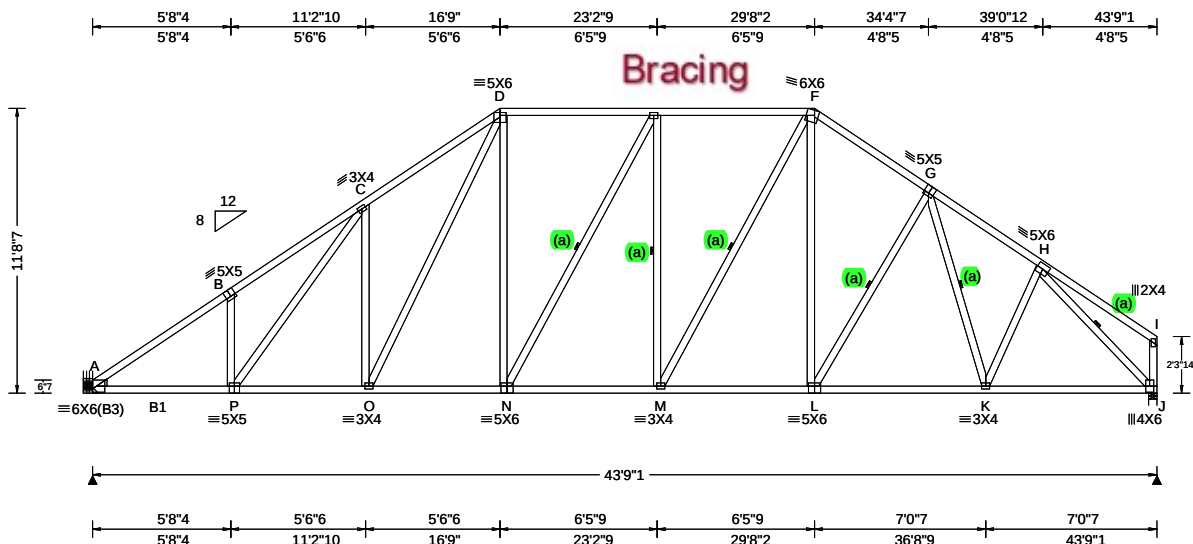


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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ALPINE
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6750 Forum Drive
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SEQN: 635443 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C11	Cust: R 215 JRef: 1Xa92150006 T82 / DrwNo: 309.21.1155.51159 / YK 11/05/2021
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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: 16.13 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.188 C 999 240 VERT(CL): 0.336 C 999 180 HORZ(LL): 0.088 J - - HORZ(TL): 0.157 J - - Creep Factor: 2.0 Max TC CSI: 0.832 Max BC CSI: 0.879 Max Web CSI: 0.869 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL A 2188 - / - / - /1112 /70 /328 J 2193 - / - / - /1063 /11 - Wind reactions based on MWFRS A Brg Wid = - Min Req = - J Brg Wid = 4.0 Bearing J is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 749 -3411 E - F 759 -2230 B - C 893 -3346 F - G 754 -2432 C - D 933 -3093 G - H 680 -2499 D - E 716 -2119

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

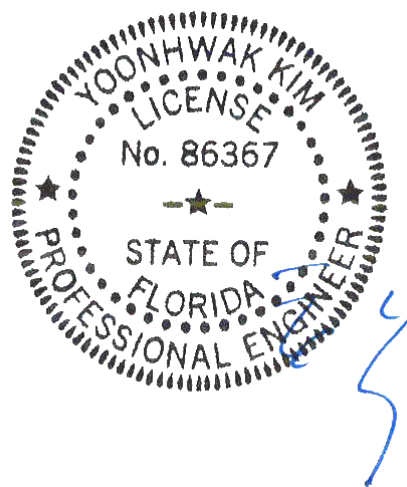
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 11'-8.7."

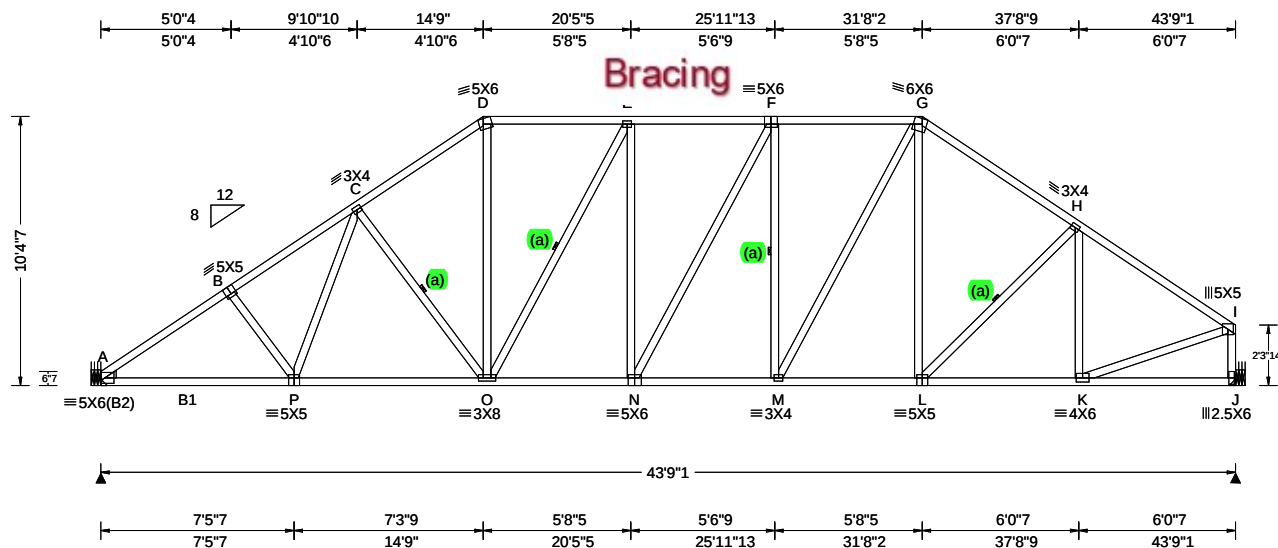


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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ALPINE
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Orlando FL, 32821

SEQN: 635445 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C12	Cust: R 215 JRef: 1Xa92150006 T33 / DrwNo: 309.21.1155.49971 / YK 11/05/2021
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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: 15.47 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.192 N 999 240 VERT(CL): 0.350 N 999 180 HORZ(LL): 0.080 J - - HORZ(TL): 0.145 J - - Creep Factor: 2.0 Max TC CSI: 0.846 Max BC CSI: 0.987 Max Web CSI: 0.767 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL A 2120 - / - / - /1102 /84 /287 J 2148 - / - / - /1051 /57 - / - Non-Gravity Wind reactions based on MWFRS A Brg Wid = - J Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 793 -3326 E - F 812 -2422 B - C 820 -3148 F - G 791 -2351 C - D 817 -2683 G - H 751 -2464 D - E 731 -2171 H - I 602 -2416

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

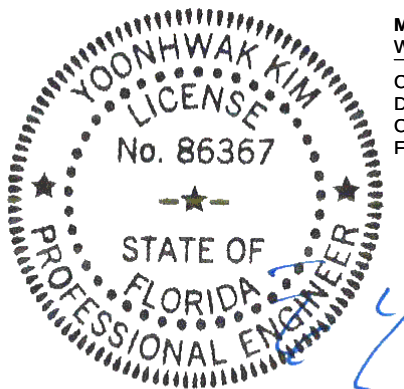
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.
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 10'-4"-7".

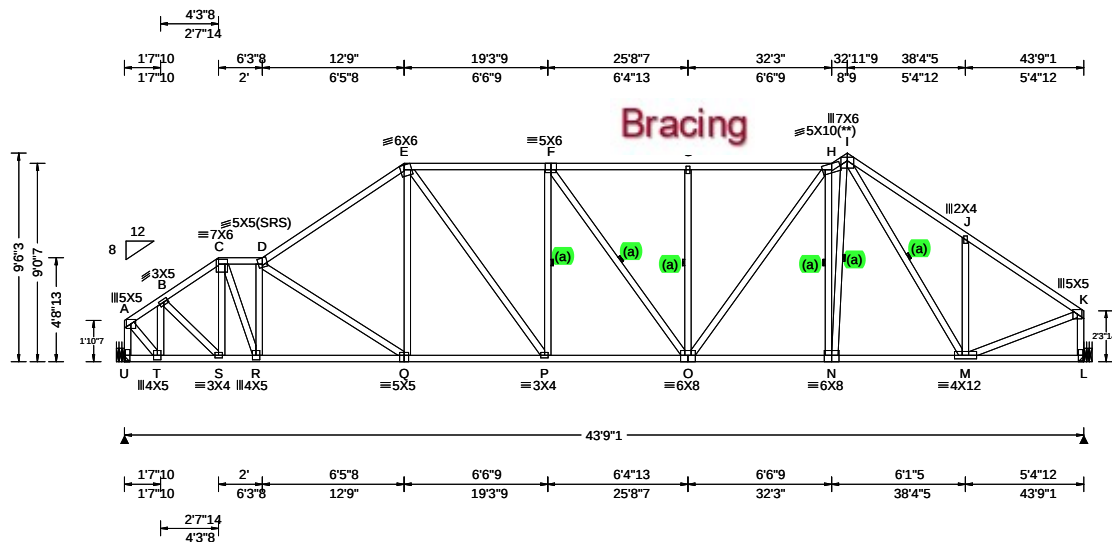


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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6750 Forum Drive
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SEQN: 635448 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C13	Cust: R 215 JRef: 1Xa92150006 T80 / DrwNo: 309.21.1155.48752 / YK 11/05/2021
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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: 15.79 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.218 G 999 240 VERT(CL): 0.402 G 999 180 HORZ(LL): 0.074 L - - HORZ(TL): 0.137 L - - Creep Factor: 2.0 Max TC CSI: 0.701 Max BC CSI: 0.888 Max Web CSI: 0.987 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity U 2069 - / - / 1045 / 148 / 223 L 2147 - / - / 1042 / 159 - Wind reactions based on MWFRS U Brg Wid = - L Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 392 - 1437 F - G 905 - 2709 B - C 663 - 2266 G - H 905 - 2710 C - D 748 - 2485 H - I 846 - 2434 D - E 866 - 2844 I - J 775 - 2361 E - F 914 - 2735 J - K 609 - 2361

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 2.5X6 except as noted.

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

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

Wind

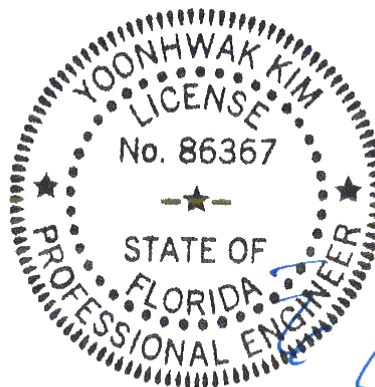
Wind loads based on MWFRS with additional C&C member design.

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'-6".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
T - S	1268 - 405	P - O	2746 - 679
S - R	1844 - 517	O - N	2180 - 480
R - Q	2591 - 707	N - M	2000 - 423
Q - P	2280 - 539		

Maximum Web Forces Per Ply (lbs)

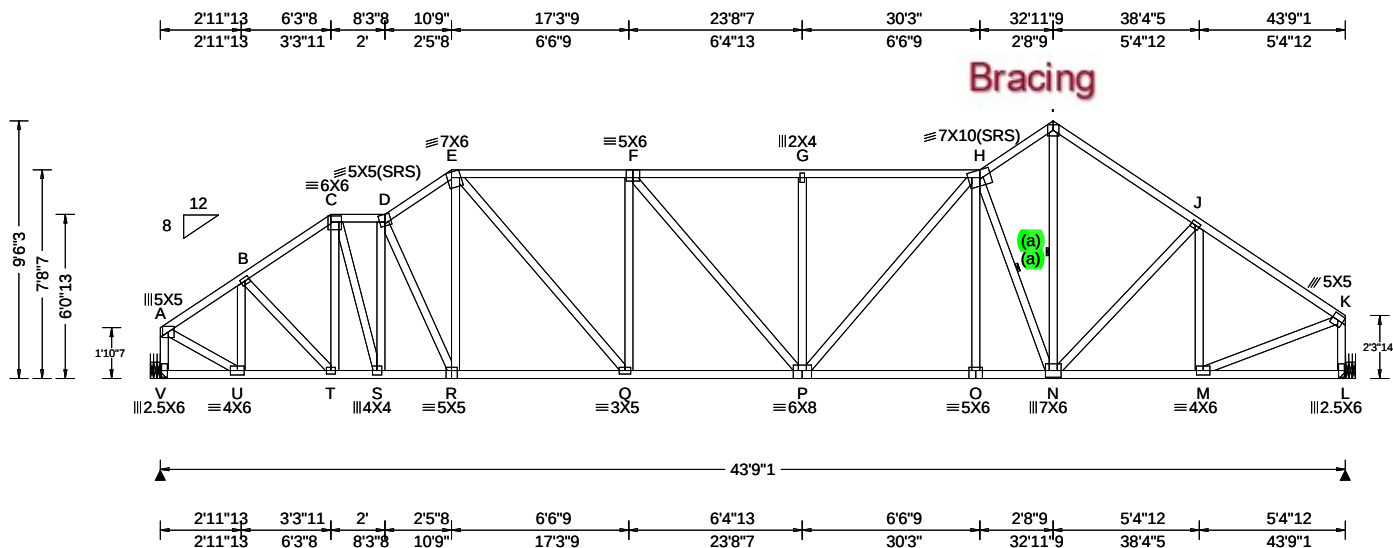
Webs	Tens.Comp.	Webs	Tens. Comp.
A - U	543 - 2045	E - Q	448 - 49
A - T	1686 - 440	E - P	769 - 230
T - B	354 - 1197	G - O	335 - 454
B - S	830 - 196	O - H	882 - 326
C - S	133 - 532	H - N	829 - 1993
C - R	1780 - 482	N - I	2328 - 770
R - D	519 - 1603	M - K	2000 - 457
D - Q	203 - 377	K - L	538 - 2107

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ALPINE
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6750 Forum Drive
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SEQN: 635451 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C14	Cust: R 215 JRef: 1Xa92150006 T83 / DrwNo: 309.21.1155.50378 / YK 11/05/2021
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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 BCDL: 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: 15.79 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.231 G 999 240 VERT(CL): 0.442 G 999 180 HORZ(LL): 0.072 L - - HORZ(TL): 0.138 L - - Creep Factor: 2.0 Max TC CSI: 0.662 Max BC CSI: 0.904 Max Web CSI: 0.895 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL V 2029 - / - / 1029 / 159 / 223 L 1998 - / - / 1035 / 138 - / - Wind reactions based on MWFRS V Brg Wid = - L Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 562 -1948 F - G 1041 -3098 B - C 763 -2397 G - H 1041 -3099 C - D 781 -2335 H - I 775 -2236 D - E 921 -2792 I - J 747 -2299 E - F 1006 -2994 J - K 588 -2162

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 3X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

Wind

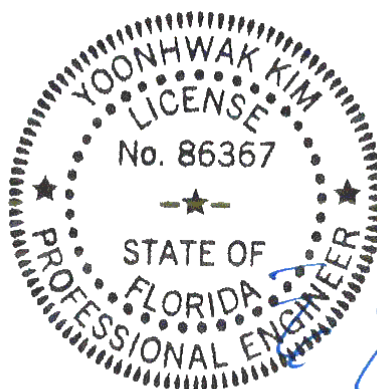
Wind loads based on MWFRS with additional C&C member design.

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'-6-3/4".

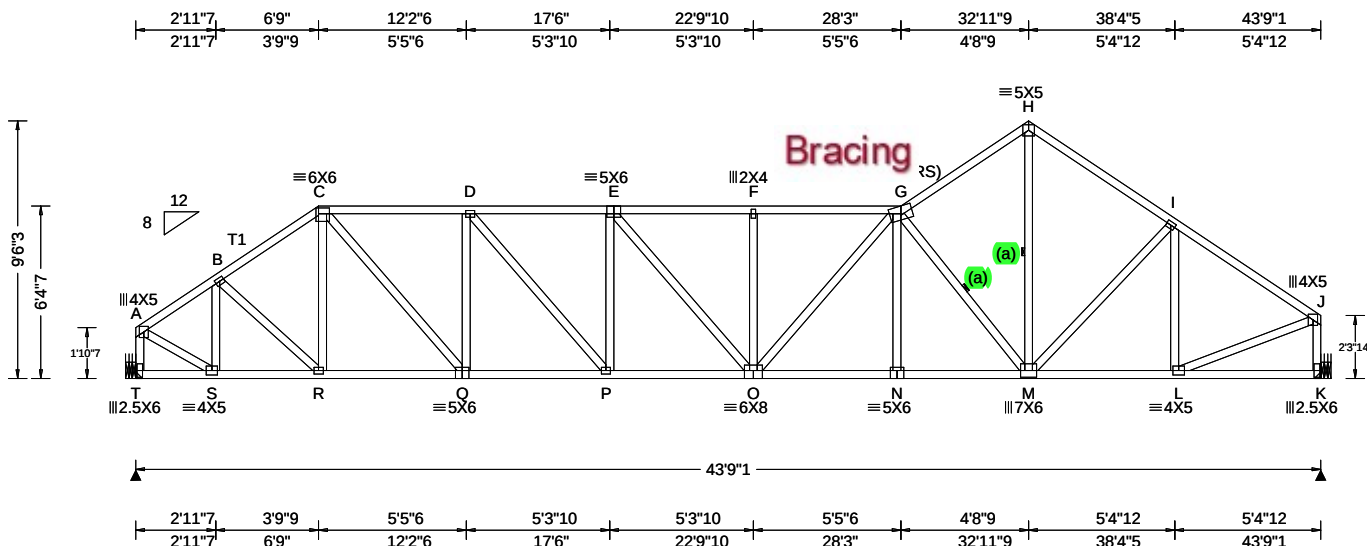


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
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SEQN: 635453 / FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C15	Cust: R 215 JRef:1Xa92150006 T72 / DrwNo: 309.21.1155.49798 / YK 11/05/2021
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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: 15.79 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.231 F 999 240 VERT(CL): 0.485 F 999 180 HORZ(LL): 0.074 C - - HORZ(TL): 0.155 C - - Creep Factor: 2.0 Max TC CSI: 0.444 Max BC CSI: 0.747 Max Web CSI: 0.938 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL T 1838 - / - / - /1012 /203 /224 K 1838 - / - / - /1026 /114 - / - Wind reactions based on MWFRS T Brg Wid = - K Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 557 -1753 F - G 1197 -3334 B - C 768 -2171 G - H 721 -2053 C - D 985 -2666 H - I 719 -2076 D - E 1127 -3185 I - J 566 -1978 E - F 1197 -3334

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Hangers / Ties

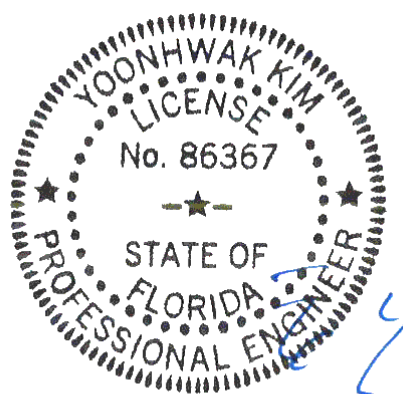
(J) Hanger Support Required, by others

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 9'-6-3/4".



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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
S - R	1463 -474	O - N	3055 -908
R - Q	1757 -549	N - M	3052 -909
Q - P	2711 -885	M - L	1596 -407
P - O	3208 -1000		

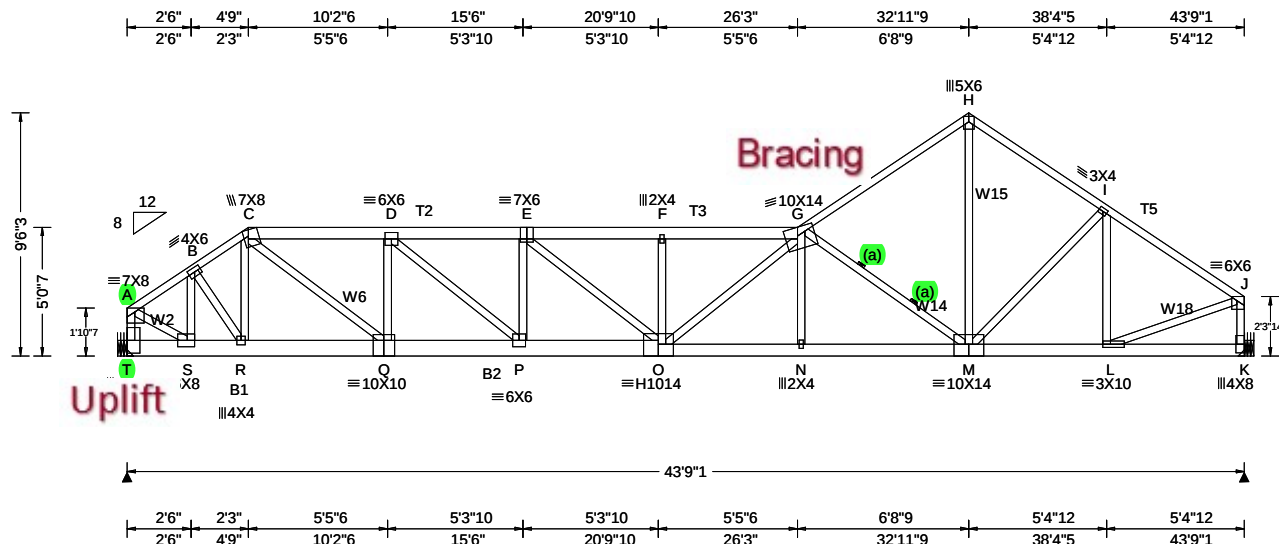
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - T	564 -1810	P - E	262 -469
A - S	1613 -481	O - G	418 -237
S - B	271 -723	G - M	861 -2295
B - R	407 -110	H - M	1868 -659
C - Q	1381 -480	I - L	211 -478
Q - D	416 -936	L - J	1666 -419
D - P	746 -270	J - K	505 -1793

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

ALPINE
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6750 Forum Drive
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SEQN: 635456 / FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: C16	Cust: R 215 JRef:1Xa92150006 T84 / DrwNo: 309.21.1155.51128 / YK 11/05/2021
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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: 15.79 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.40 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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/def L/# VERT(LL): 0.426 F 999 240 VERT(CL): 0.867 F 605 180 HORZ(LL): 0.100 C - - HORZ(TL): 0.202 C - - Creep Factor: 2.0 Max TC CSI: 0.921 Max BC CSI: 0.792 Max Web CSI: 0.998 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity T 4321 -/- /- /881 -/ K 2878 -/- /- /478 -/ Wind reactions based on MWFRS T Brg Wid = - K Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 814 -3918 F - G 1622 -9723 B - C 972 -4797 G - H 626 -3609 C - D 1447 -7389 H - I 614 -3575 D - E 1699 -9499 I - J 548 -3200 E - F 1618 -9712

Lumber
Top chord: 2x4 SP M-31; T2,T3 2x6 SP 2400f-2.0E;
T5 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E; B1 2x8 SP #2;
B2 2x8 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2,W6,W15,W18 2x4 SP #2;
W14 2x4 SP M-31;

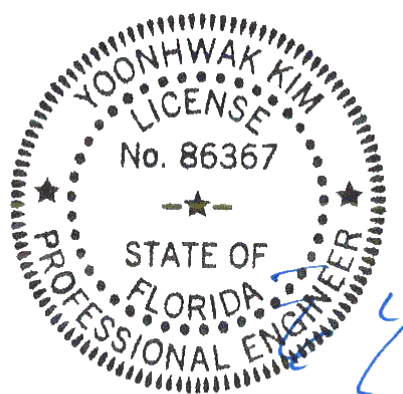
Bracing
(a) Continuous lateral restraint equally spaced on member.

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 18.94
TC: From 64 plf at 18.94 to 64 plf at 43.75
BC: From 10 plf at 0.00 to 10 plf at 20.80
BC: From 20 plf at 20.80 to 20 plf at 43.75
TC: 163 lb Conc. Load at 0.56
TC: 109 lb Conc. Load at 2.56
TC: 193 lb Conc. Load at 4.56, 6.56, 8.56,10.56
12.56,14.56,16.56
TC: 30 lb Conc. Load at 18.94
BC: 126 lb Conc. Load at 0.56
BC: 165 lb Conc. Load at 2.56
BC: 131 lb Conc. Load at 4.56, 6.56, 8.56,10.56
12.56,14.56,16.56
BC: 1481 lb Conc. Load at 18.94

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

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

Additional Notes
The overall height of this truss excluding overhang is 9'-6-3.

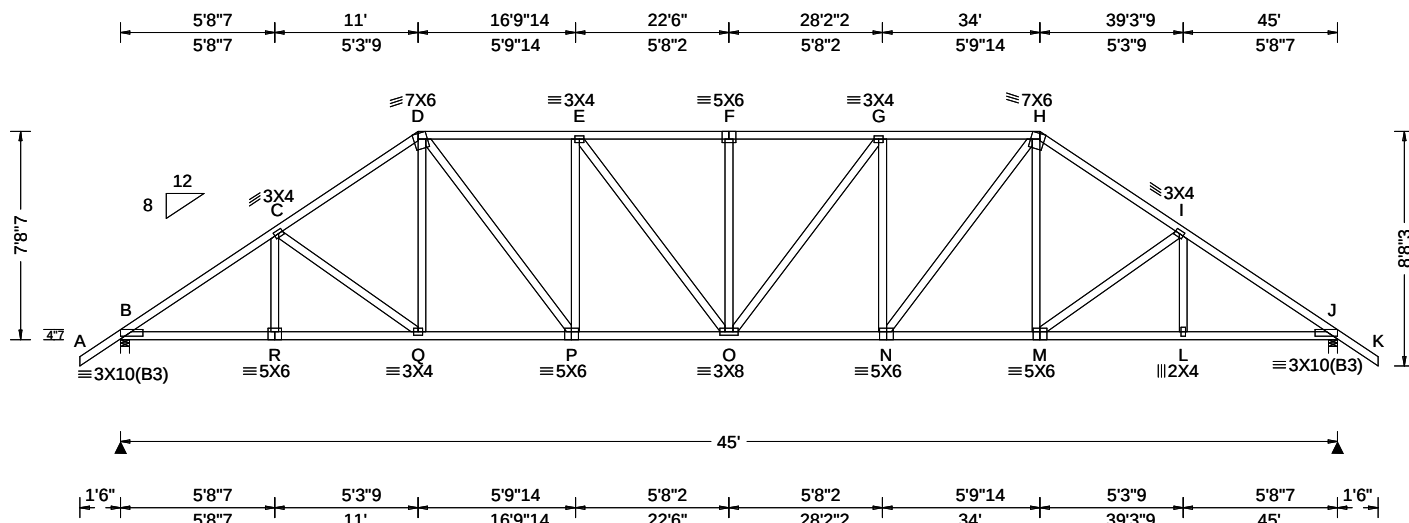


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11/05/2021

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SEQN: 637790 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: D03	Cust: R 215 JRef: 1Xa92150006 T24 / DrwNo: 309.21.1155.49565 / YK 11/05/2021
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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: 4.50 ft Loc. from endwall: not in 6.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.261 F 999 240 VERT(CL): 0.492 F 999 180 HORZ(LL): 0.107 J - - HORZ(TL): 0.201 J - - Creep Factor: 2.0 Max TC CSI: 0.586 Max BC CSI: 0.983 Max Web CSI: 0.666 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 2199 /- /- /1183 /347 /274 J 2199 /- /- /1183 /347 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 2.6 J Brg Wid = 4.0 Min Req = 2.6 Bearings B & 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 858 -3309 F - G 1013 -3271 C - D 891 -2985 G - H 986 -3059 D - E 986 -3059 H - I 892 -2985 E - F 1013 -3271 I - J 858 -3309

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

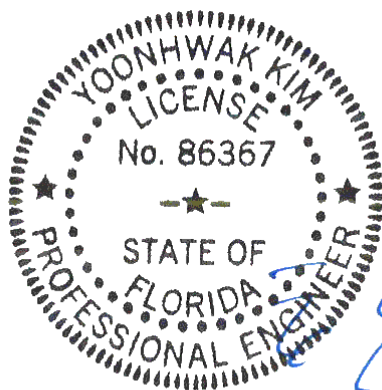
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

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

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

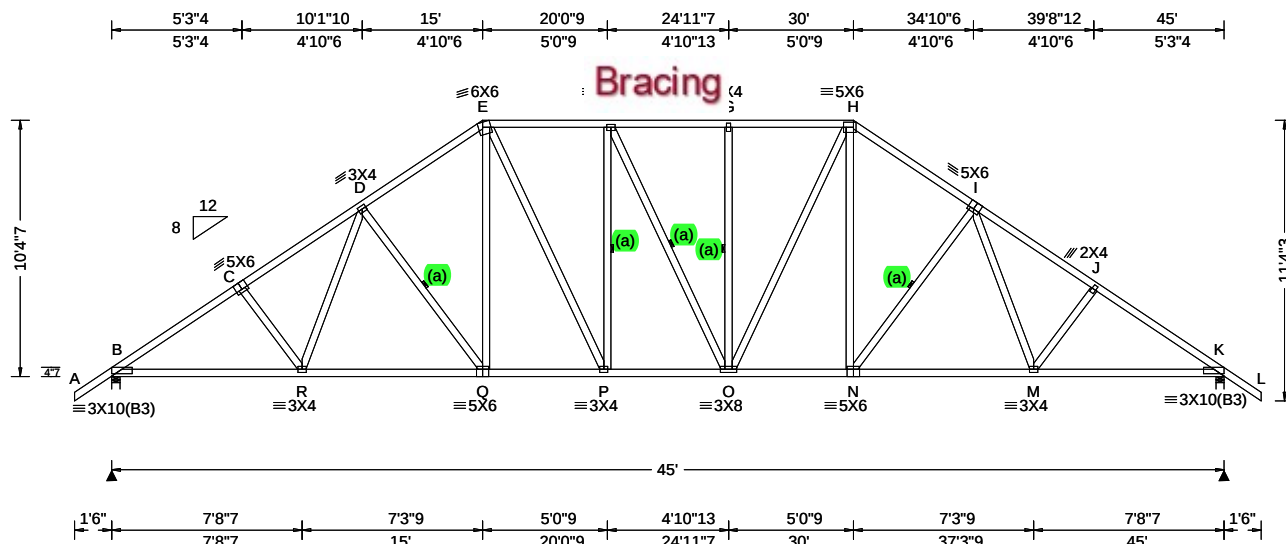


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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SEQN: 637786 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: D05	Cust: R 215 JRef: 1Xa92150006 T26 / DrwNo: 309.21.1155.50877 / YK 11/05/2021
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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 to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.217 G 999 240 VERT(CL): 0.397 G 999 180 HORZ(LL): 0.108 K - - HORZ(TL): 0.197 K - - Creep Factor: 2.0 Max TC CSI: 0.643 Max BC CSI: 0.967 Max Web CSI: 0.523 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 2285 - / - / 1216 / 34 / 353 K 2281 - / - / 1216 / 34 / - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 2.7 K Brg Wid = 4.0 Min Req = 2.7 Bearings B & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 789 - 3480 G - H 807 - 2485 C - D 817 - 3301 H - I 816 - 2788 D - E 817 - 2796 I - J 818 - 3293 E - F 803 - 2488 J - K 790 - 3473 F - G 806 - 2484

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

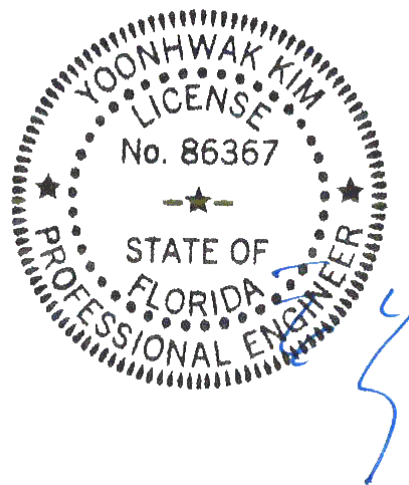
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

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The overall height of this truss excluding overhang is 10'-4-7".



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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - R	2802 - 533	O - N	2242 - 300
R - Q	2555 - 438	N - M	2548 - 414
Q - P	2248 - 323	M - K	2796 - 518
P - O	2495 - 407		

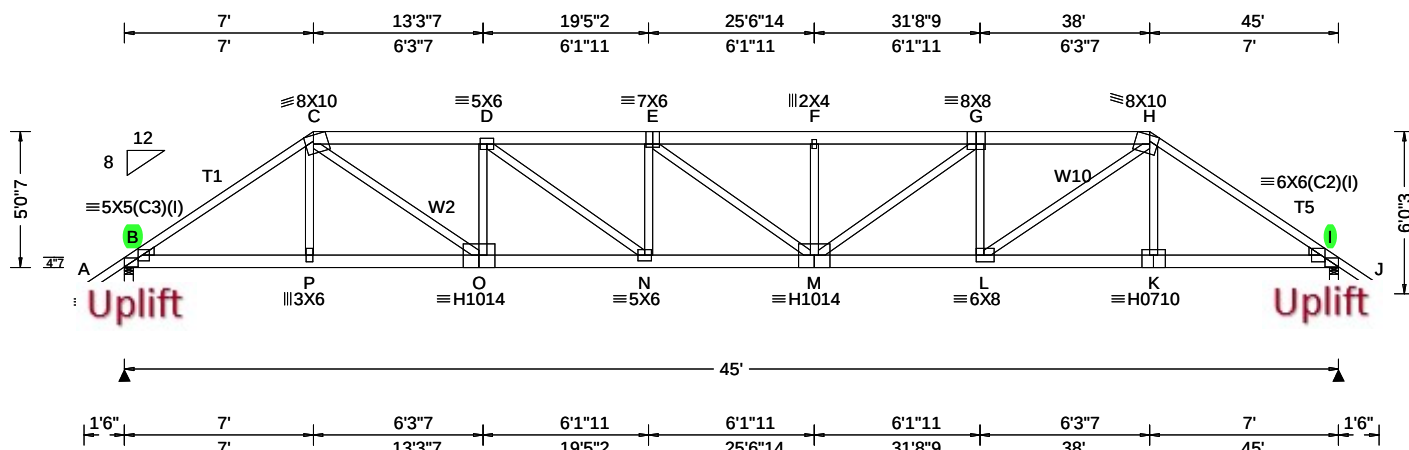
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
R - D	388 - 40	O - H	541 - 218
D - Q	201 - 519	H - N	693 - 104
E - Q	689 - 104	N - I	200 - 518
E - P	545 - 215	I - M	389 - 41

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

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SEQN: 637983 FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: D01	Cust: R 215 JRef: 1Xa92150006 T38 DrwNo: 309.21.1259.12360 / YK 11/05/2021
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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: 4.50 ft Loc. from endwall: not in 6.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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/def L/# VERT(LL): 0.558 F 962 240 VERT(CL): 1.125 F 476 180 HORZ(LL): 0.137 I - - HORZ(TL): 0.277 I - - Creep Factor: 2.0 Max TC CSI: 0.966 Max BC CSI: 0.790 Max Web CSI: 0.900 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 4788 I- I- I- /1190 I- I 5077 I- I- I- /1319 I- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 3.4 I Brg Wid = 4.0 Min Req = 3.6 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 2010 - 7979 F - G 3257 - 12258 C - D 2672 - 10234 G - H 2787 - 10498 D - E 3202 - 12131 H - I 2240 - 8489 E - F 3257 - 12258

Lumber

Top chord: 2x6 SP 2400f-2.0E; T1, T5 2x4 SP M-31;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2, W10 2x4 SP M-31;
Lt Wedge: 2x4 SP #3; Rt Wedge: 2x4 SP #3;

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at -1.50 to 64 plf at 7.00
TC: From 32 plf at 7.00 to 32 plf at 38.00
TC: From 64 plf at 38.00 to 64 plf at 46.50
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.03
BC: From 10 plf at 7.03 to 10 plf at 38.15
BC: From 20 plf at 38.15 to 20 plf at 45.00
BC: From 5 plf at 45.00 to 5 plf at 46.50
TC: 245 lb Conc. Load at 7.03
TC: 193 lb Conc. Load at 9.06, 11.06, 13.06, 15.06
17.06, 19.06, 21.06, 22.50, 23.94, 25.94, 27.94, 29.94
31.94, 33.94, 35.94
TC: 665 lb Conc. Load at 37.97
BC: 712 lb Conc. Load at 7.03, 37.97
BC: 131 lb Conc. Load at 9.06, 11.06, 13.06, 15.06
17.06, 19.06, 21.06, 22.50, 23.94, 25.94, 27.94, 29.94
31.94, 33.94, 35.94

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

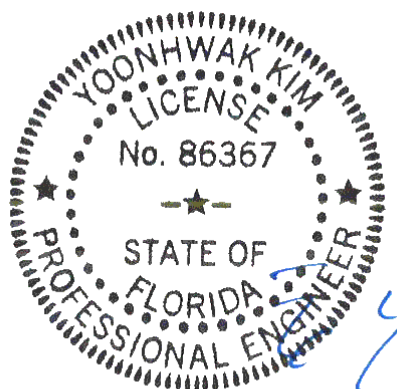
Wind

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

Additional Notes

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

The overall height of this truss excluding overhang is 5'-0.7'.

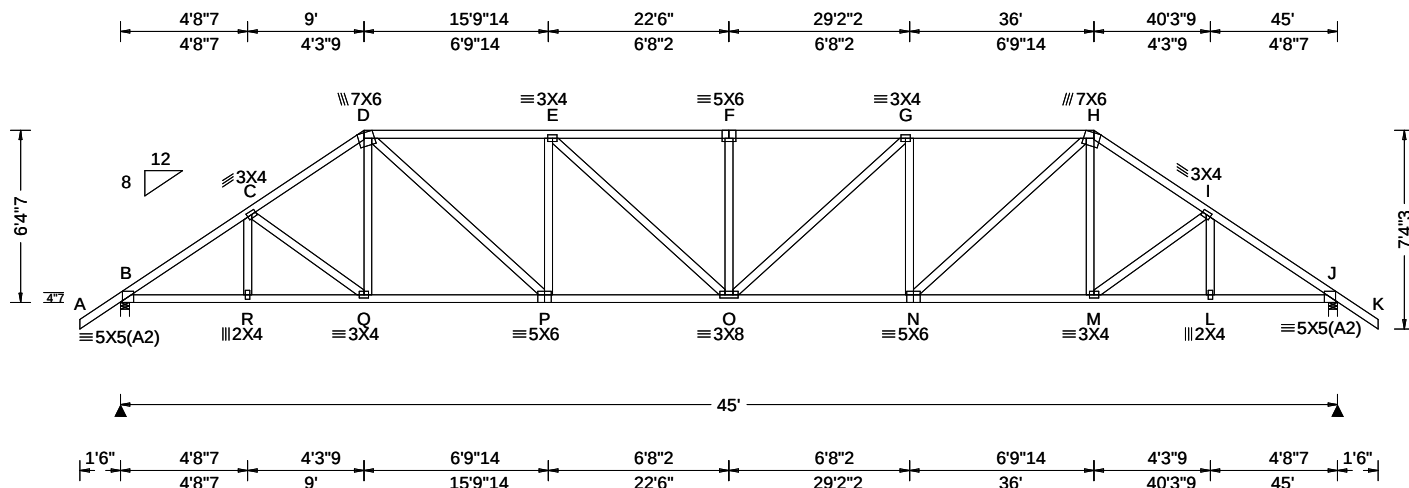


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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SEQN: 637792 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: D02	Cust: R 215 JRef: 1Xa92150006 T23 / DrwNo: 309.21.1155.49595 / YK 11/05/2021
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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: 4.50 ft Loc. from endwall: not in 6.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.325 F 999 240 VERT(CL): 0.618 F 868 180 HORZ(LL): 0.111 J - - HORZ(TL): 0.212 J - - Creep Factor: 2.0 Max TC CSI: 0.766 Max BC CSI: 0.980 Max Web CSI: 0.693 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2179 - / - / - /1161 /351 /234 J 2179 - / - / - /1161 /351 - / - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 2.6 J Brg Wid = 4.0 Min Req = 2.6 Bearings B & 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 889 -3268 F - G 1192 -3900 C - D 933 -3064 G - H 1144 -3560 D - E 1143 -3560 H - I 933 -3064 E - F 1192 -3900 I - J 889 -3268

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

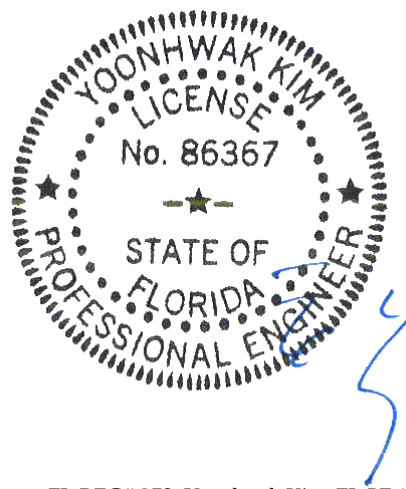
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is 6'-4"-7".



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

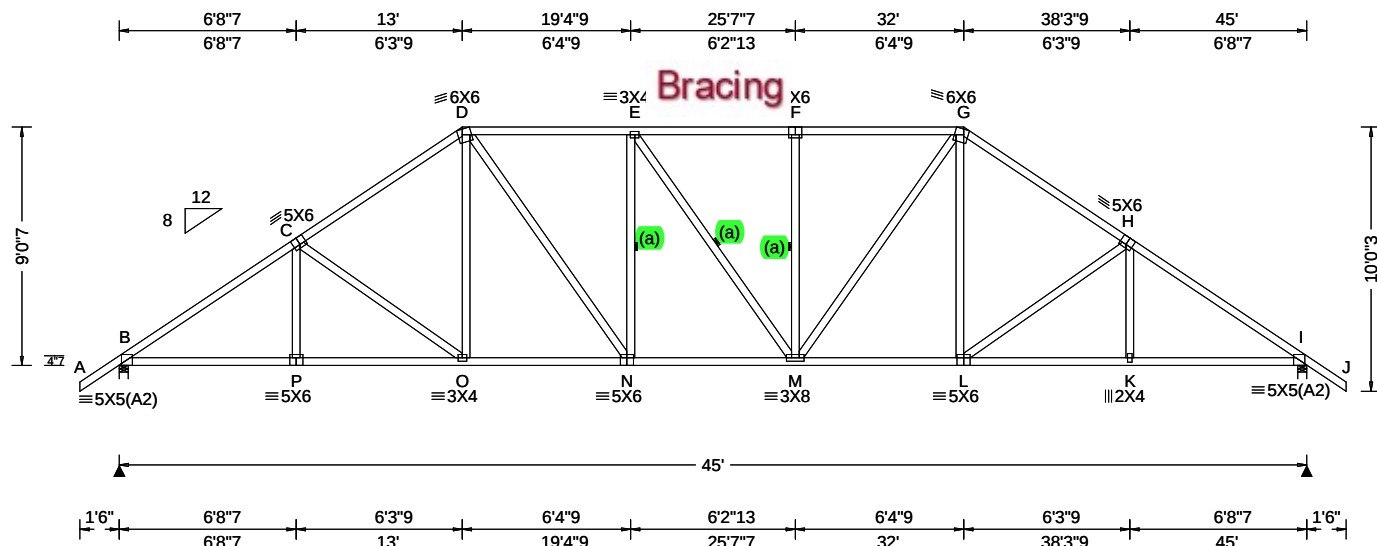
Chords	Tens.Comp.	Chords	Tens. Comp.
B - R	2630 -620	O - N	3595 -882
R - Q	2631 -622	N - M	2500 -548
Q - P	2500 -571	M - L	2631 -599
P - O	3595 -905	L - J	2630 -598

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - P	1431 -453	O - G	417 -162
P - E	375 -732	G - N	375 -732
E - O	417 -162	N - H	1431 -453
F - O	207 -397		

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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 BCDL: 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: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.216 F 999 240 VERT(CL): 0.409 F 999 180 HORZ(LL): 0.099 I - - HORZ(TL): 0.188 I - - Creep Factor: 2.0 Max TC CSI: 0.619 Max BC CSI: 0.853 Max Web CSI: 0.585 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2196 /- /- /1201 /343 /313 I 2189 /- /- /1201 /343 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 2.6 I Brg Wid = 4.0 Min Req = 2.6 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 820 -3291 F - G 900 -2742 C - D 846 -2869 G - H 847 -2855 D - E 896 -2750 H - I 819 -3277 E - F 900 -2741

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

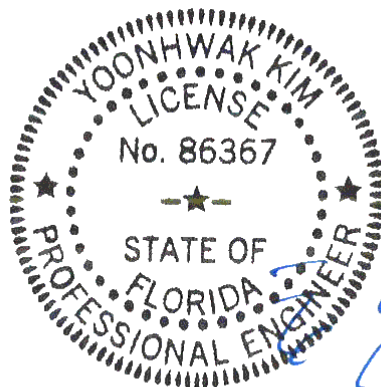
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

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

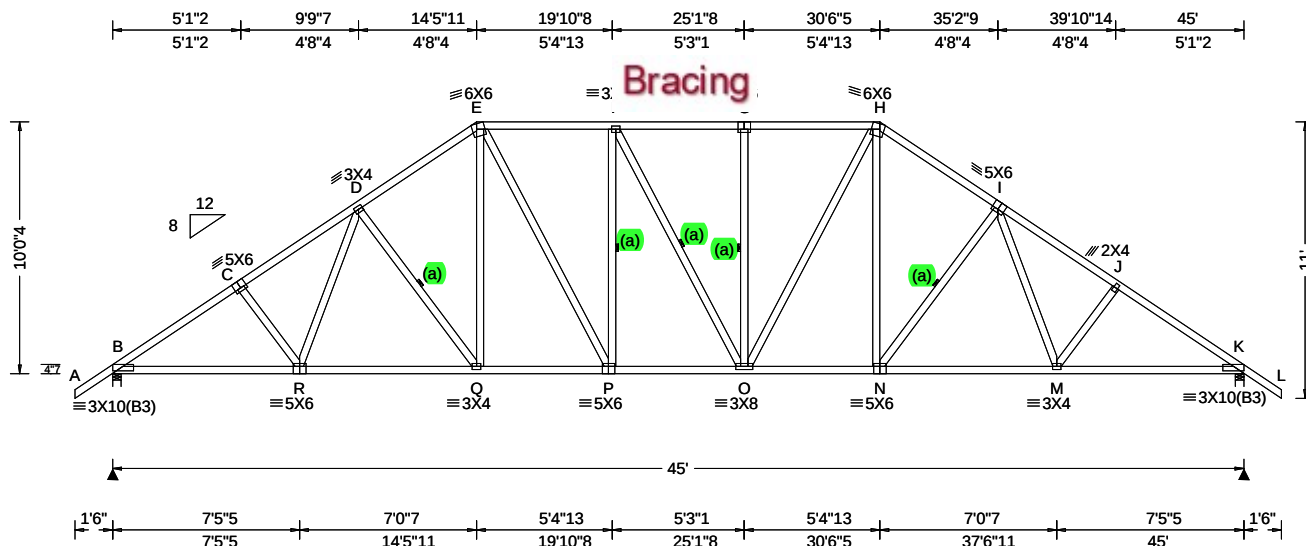
Additional Notes

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.
The overall height of this truss excluding overhang is 9'-0".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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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 to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.221 G 999 240 VERT(CL): 0.404 G 999 180 HORZ(LL): 0.108 K - - HORZ(TL): 0.198 K - - Creep Factor: 2.0 Max TC CSI: 0.637 Max BC CSI: 0.934 Max Web CSI: 0.534 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL B 2284 - / - / - /1212 /74 /343 K 2279 - / - / - /1212 /74 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 2.7 K Brg Wid = 4.0 Min Req = 2.7 Bearings B & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 800 -3479 G - H 829 -2567 C - D 827 -3306 H - I 828 -2823 D - E 828 -2834 I - J 827 -3298 E - F 826 -2571 J - K 800 -3471 F - G 829 -2567

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

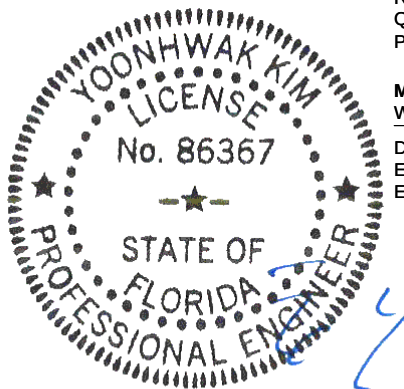
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

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

Additional Notes

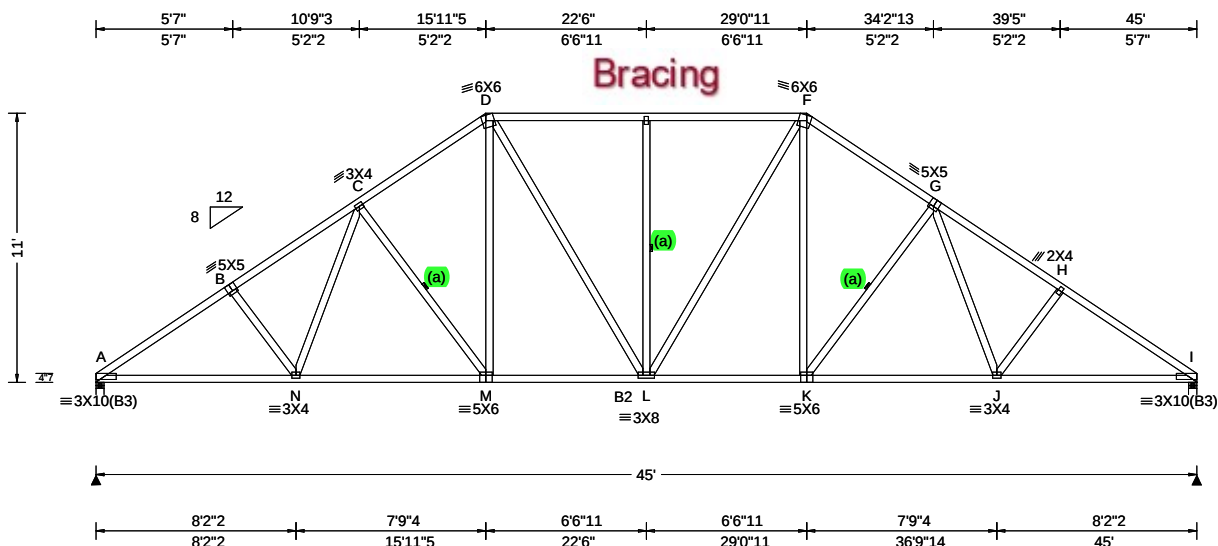
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.
The overall height of this truss excluding overhang is 10'-0".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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SEQN: 637769 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: D07	Cust: R 215 JRef: 1Xa92150006 T31 / DrwNo: 309.21.1155.50909 / YK 11/05/2021
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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: 15.78 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.197 E 999 240 VERT(CL): 0.361 E 999 180 HORZ(LL): 0.083 I - - HORZ(TL): 0.152 I - - Creep Factor: 2.0 Max TC CSI: 0.532 Max BC CSI: 0.883 Max Web CSI: 0.513 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL A 2186 /- /- /1128 /32 /318 I 2186 /- /- /1128 /32 /- Non-Gravity Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.8 I Brg Wid = 4.0 Min Req = 1.8 Bearings A & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 798 -3508 E - F 794 -2406 B - C 827 -3315 F - G 806 -2747 C - D 807 -2747 G - H 827 -3316 D - E 794 -2406 H - I 799 -3509

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

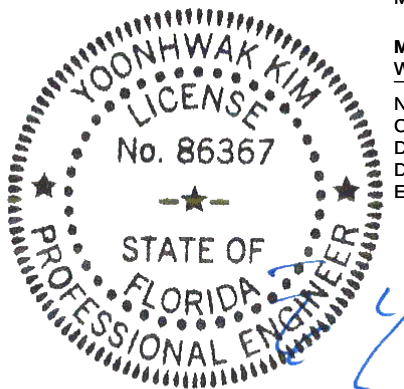
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

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

Additional Notes

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.
The overall height of this truss excluding overhang is 11'-0".

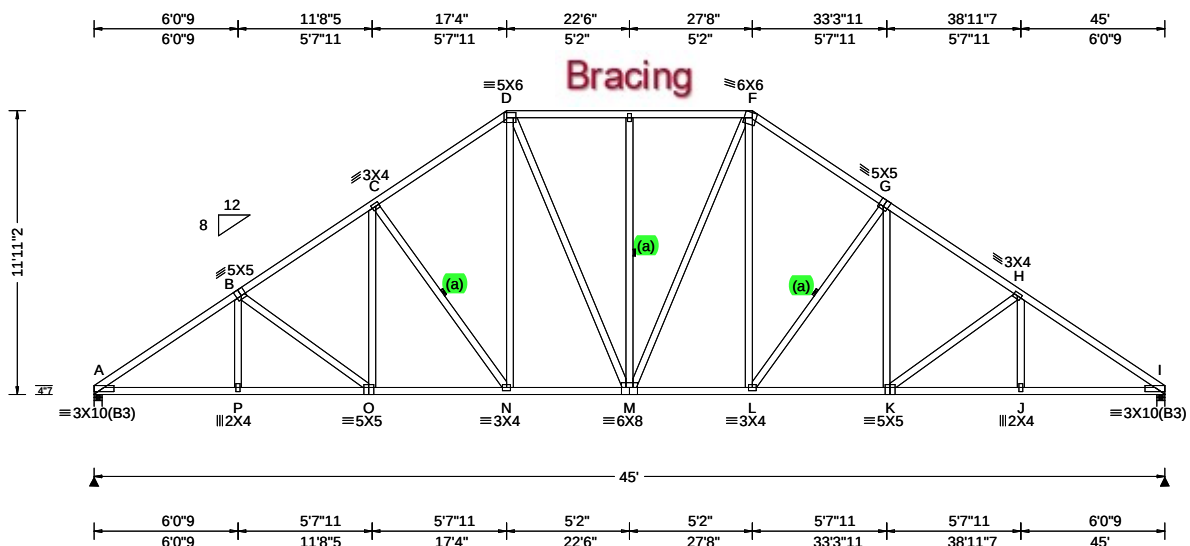


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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SEQN: 635271 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: D08	Cust: R 215 JRef:1Xa92150006 T32 / DrwNo: 309.21.1155.50613 / YK 11/05/2021
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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: 16.24 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.193 E 999 240 VERT(CL): 0.362 E 999 180 HORZ(LL): 0.097 I - - HORZ(TL): 0.181 I - - Creep Factor: 2.0 Max TC CSI: 0.518 Max BC CSI: 0.889 Max Web CSI: 0.470 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL A 2127 - / - / - /1133 /32 /346 I 2127 - / - / - /1133 /32 - Non-Gravity Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 2.5 I Brg Wid = 4.0 Min Req = 2.5 Bearings A & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 779 -3388 E - F 765 -2154 B - C 796 -3023 F - G 801 -2559 C - D 802 -2560 G - H 797 -3024 D - E 765 -2154 H - I 780 -3389

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

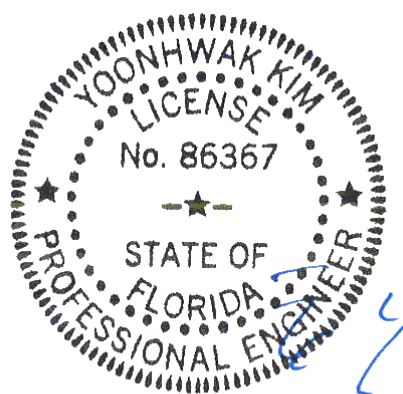
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is 11-11-2.

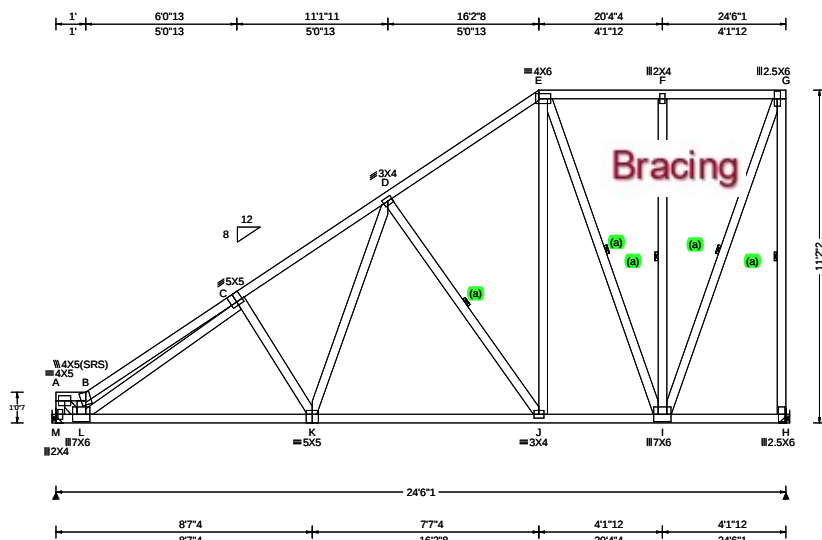


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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SEQN: 635286 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: E01	Cust: R 215 JRef: 1Xa92150006 T3 / DrwNo: 309.21.1155.50205 / YK 11/05/2021
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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: 16.20 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): 0.062 K 999 240 VERT(CL): 0.114 K 999 180 HORZ(LL): 0.023 C - - HORZ(TL): 0.042 C - - Creep Factor: 2.0 Max TC CSI: 0.341 Max BC CSI: 0.777 Max Web CSI: 0.713 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL M 1135 - / - / - / 647 / 4 / 265 H 1253 - / - / - / 639 / 203 / - Wind reactions based on MWFRS M Brg Wid = - H Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 158 - 1250 D - E 246 - 870 B - C 345 - 1853 E - F 178 - 402 C - D 286 - 1501 F - G 178 - 402

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

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

Bearing M (0', 10'1"2) HUS26

Supporting Member: (1)2x6 SP 2400f-2.0E

(14) 0.148"x3" nails into supporting

member,

(4) 0.148"x3" nails into supported

member.

(J) Hanger Support Required, by others

Loading

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

Wind

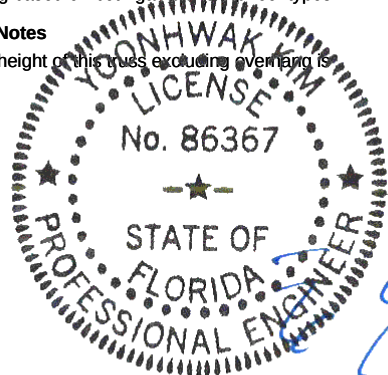
Wind loads based on MWFRS with additional C&C member design.

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'-2".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
M - L	162 - 377	K - J	998 - 387
L - K	1343 - 519	J - I	643 - 253

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - M	129 - 1092	E - J	771 - 132
A - L	1649 - 208	E - I	211 - 677
L - B	314 - 1195	I - G	1129 - 499
K - D	559 - 88	G - H	576 - 1163
D - J	236 - 622		

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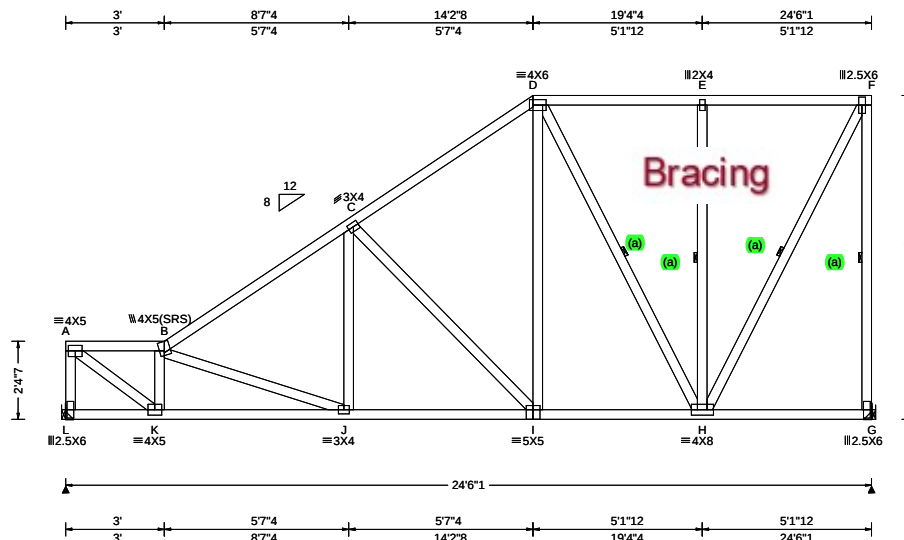
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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: 635289 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: E02	Cust: R 215 JRef:1Xa92150006 T47 / DrwNo: 309.21.1155.49205 / YK 11/05/2021
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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: 16.20 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): 0.053 J 999 240 VERT(CL): 0.101 J 999 180 HORZ(LL): 0.018 A - - HORZ(TL): 0.035 A - - Creep Factor: 2.0 Max TC CSI: 0.416 Max BC CSI: 0.452 Max Web CSI: 0.672 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL L 1076 - / - /609 /30 /195 G 1204 - / - /603 /202 - /- Wind reactions based on MWFRS L Brg Wid = - G Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 328 -1296 D - E 258 -523 B - C 343 -1419 E - F 258 -523 C - D 341 -988

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

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

Bearing L (0', 10'1"2) HUS26

Supporting Member: (1)2x6 SP 2400f-2.0E

(14) 0.148"x3" nails into supporting

member,

(4) 0.148"x3" nails into supported

member.

(J) Hanger Support Required, by others

Loading

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

Wind

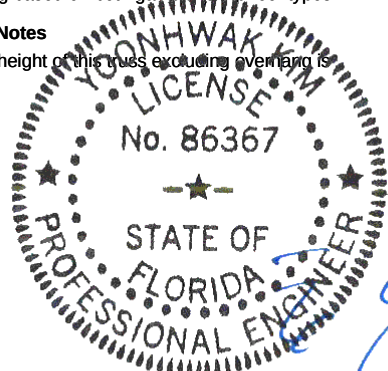
Wind loads based on MWFRS with additional C&C member design.

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'-10".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
K - J	1424 -648	I - H	733 -336
J - I	1099 -482		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - L	325 -1053	D - H	164 -444
A - K	1628 -410	E - H	399 -372
K - B	306 -918	H - F	1102 -543
C - I	213 -530	F - G	610 -1101
D - I	561 -103		

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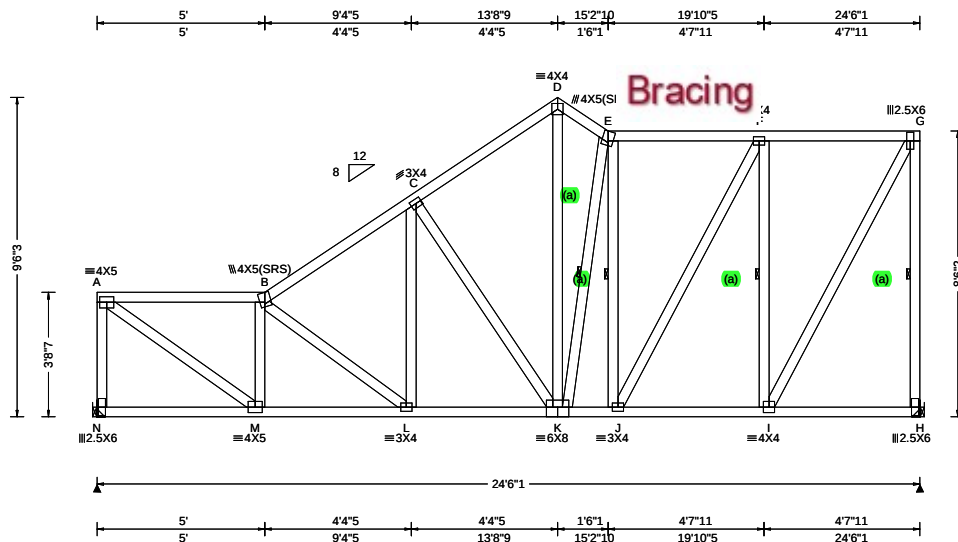
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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SEQN: 635292 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: E03	Cust: R 215 JRef: 1Xa92150006 T67 / DrwNo: 309.21.1155.49457 / YK 11/05/2021
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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: 16.70 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/def L/# VERT(LL): 0.055 L 999 240 VERT(CL): 0.107 L 999 180 HORZ(LL): 0.019 A - - HORZ(TL): 0.037 A - - Creep Factor: 2.0 Max TC CSI: 0.383 Max BC CSI: 0.340 Max Web CSI: 0.856 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL N 1055 - / - / 569 / 51 / 154 H 1178 - / - / 584 / 176 - Wind reactions based on MWFRS N Brg Wid = - H Brg Wid = - Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 379 - 1213 D - E 389 - 874 B - C 384 - 1292 E - F 335 - 766 C - D 364 - 951 F - G 248 - 532

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

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

Bearing N (0', 10'1"2) LUS26

Supporting Member: (1)2x6 SP 2400f-2.0E

(4) 0.148"x3" nails into supporting

member,

(4) 0.148"x3" nails into supported

member.

(J) Hanger Support Required, by others

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

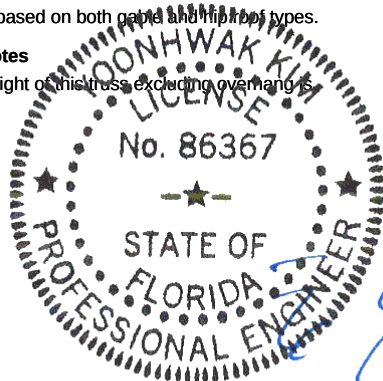
The overall height of this truss, excluding overhangs, is 9'-6".

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
M - L	1279 - 586	K - J	777 - 340
L - K	1000 - 428	J - I	559 - 266

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - N	418 - 1012	J - F	452 - 150
A - M	1485 - 459	F - I	506 - 762
M - B	324 - 780	I - G	1109 - 517
C - K	214 - 490	G - H	579 - 1093
D - K	742 - 327		



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11/05/2021

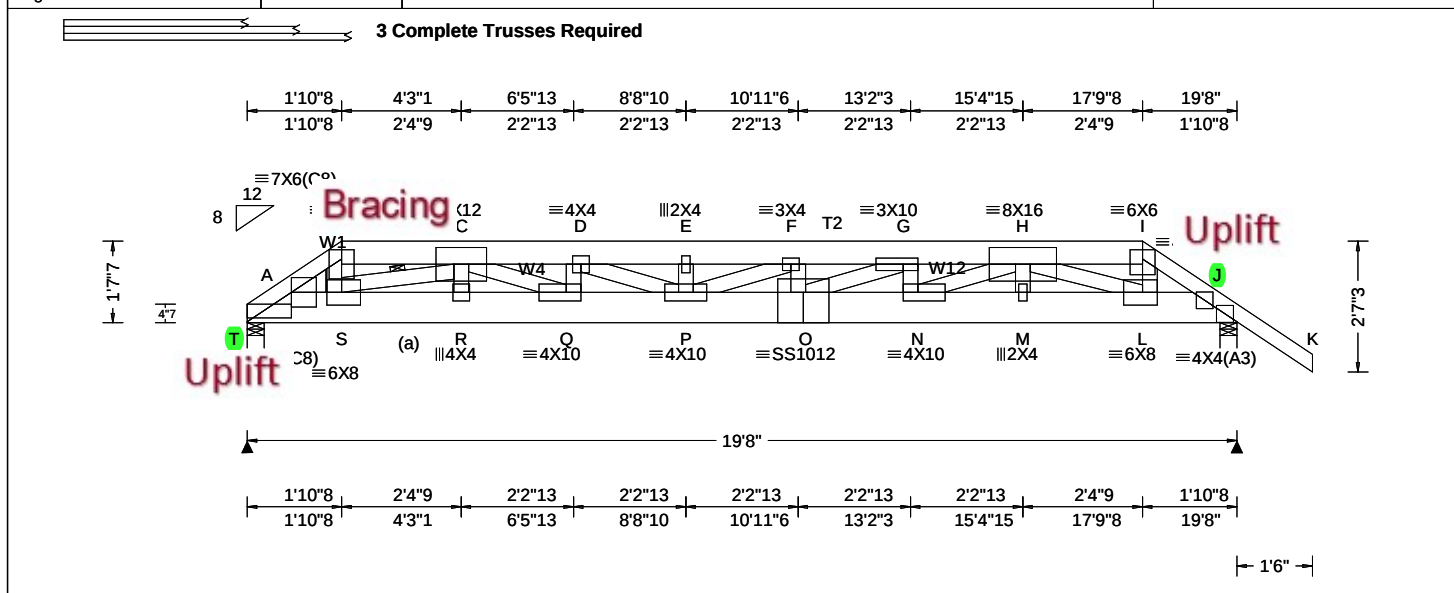
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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Suite 305
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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): 18SS, WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.384 P 605 240 VERT(CL): 0.766 P 303 180 HORZ(LL): 0.059 B - - HORZ(TL): 0.118 B - - Creep Factor: 2.0 Max TC CSI: 0.582 Max BC CSI: 0.737 Max Web CSI: 0.990 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL T 11177 -/- /- /- /977 -/ J 6918 -/- /- /- /1046 -/ Wind reactions based on MWFRS T Brg Wid = 4.0 Min Req = 3.1 J Brg Wid = 4.0 Min Req = 1.9 Bearings T & 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 539 -5671 F - G 1817 -13604 B - C 455 -4797 G - H 1627 -11371 C - D 1351-12226 H - I 491 -3378 D - E 1650-13631 I - J 583 -3999 E - F 1650-13631

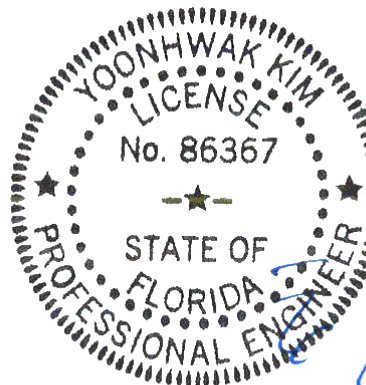
Lumber
Top chord: 2x4 SP #2; T2 2x6 SP 2400f-2.0E;
Bot chord: 2x8 SP 2400f-2.0E;
Webs: 2x4 SP #3; W1, W4, W12 2x4 SP #2;
Lt Wedge: 2x6 SP 2400f-2.0E;

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

Nailnote
Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

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 1'-7-7.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - S	4799 -455	O - N	11661 -1654
S - R	9340 -955	N - M	7568 -1095
R - Q	9340 -955	M - L	7568 -1095
Q - P	12422 -1393	L - J	3379 -491
P - O	13615 -1799		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - S	2846 -257	O - G	2229 -187
S - C	550 -4996	G - N	101 -1122
C - R	688 -17	N - H	4291 -601
C - Q	3256 -447	H - L	664 -4608
Q - D	163 -756	I - L	2004 -281
D - P	1365 -290		

FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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SEQN: 637991	HIPS	Ply: 3	Job Number: 21-6130	Cust: R 215 JRef: 1Xa92150006 T81
FROM: CDM		Qty: 1	RICHARD & ANN WRIGHT	DrwNo: 309.21.1259.46677
Page 2 of 2			Truss Label: G01	/ YK 11/05/2021

Special Loads

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

TC: From 64 plf at 0.00 to 64 plf at 1.87

TC: From 32 plf at 1.87 to 32 plf at 17.79

TC: From 64 plf at 17.79 to 64 plf at 21.17

BC: From 10 plf at 0.00 to 10 plf at 19.67

BC: From 5 plf at 19.67 to 5 plf at 21.17

TC: 14 lb Conc. Load at 1.91, 17.76

TC: 15 lb Conc. Load at 3.94, 5.94, 7.94, 9.83

11.73, 13.73, 15.73

BC: 2131 lb Conc. Load at 0.60

BC: 17 lb Conc. Load at 1.91, 17.76

BC: 2188 lb Conc. Load at 2.60

BC: 26 lb Conc. Load at 3.94, 5.94, 7.94, 9.83

11.73, 13.73, 15.73

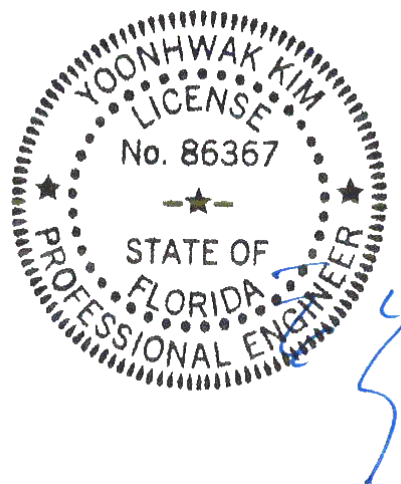
BC: 2120 lb Conc. Load at 4.60

BC: 2069 lb Conc. Load at 6.60

BC: 2029 lb Conc. Load at 8.60

BC: 1838 lb Conc. Load at 10.60

BC: 4321 lb Conc. Load at 12.60



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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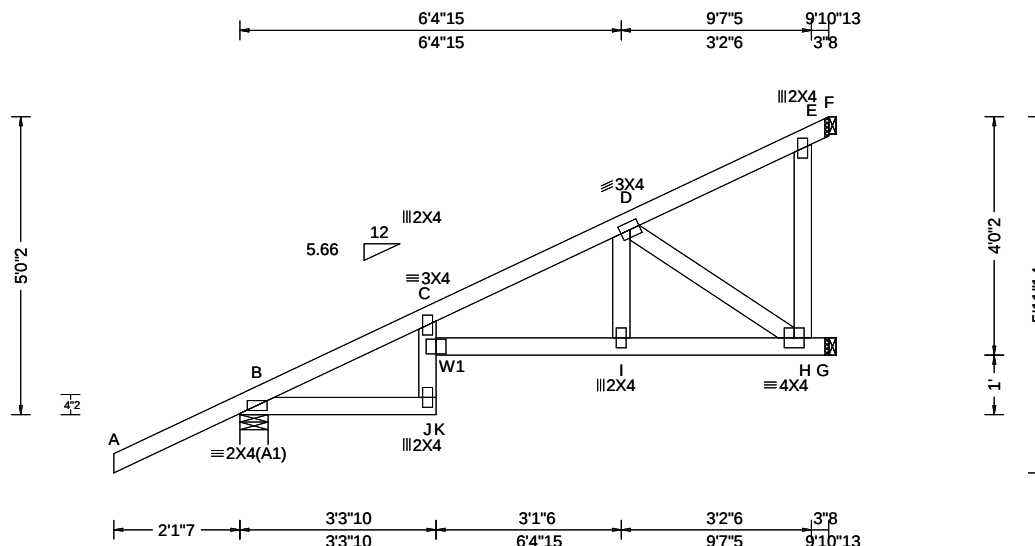
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Orlando FL, 32821

SEQN: 635464 / FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: HJ01	Cust: R 215 JRef: 1Xa92150006 T40 / DrwNo: 309.21.1155.50581 / YK 11/05/2021
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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: 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: 3.00 ft Loc. from endwall: NA GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.156 J 748 240 VERT(CL): 0.321 J 364 180 HORZ(LL): 0.075 C - - HORZ(TL): 0.154 C - - Creep Factor: 2.0 Max TC CSI: 0.728 Max BC CSI: 0.415 Max Web CSI: 0.618 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 472 /- /- /- /90 /- G 368 /- /- /- /92 /- F 266 /- /- /- /7 /- Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 G Brg Wid = 1.5 F Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

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

Loading

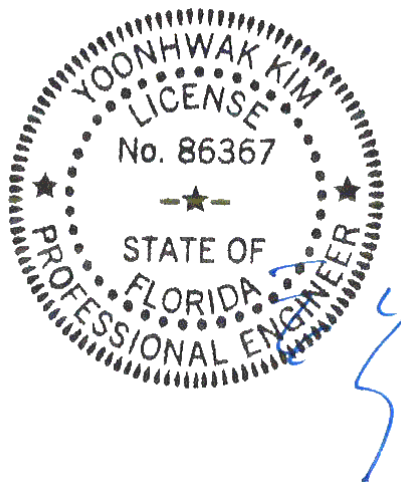
Hipjack supports 7-0-0 setback jacks with no webs.

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 50-2.

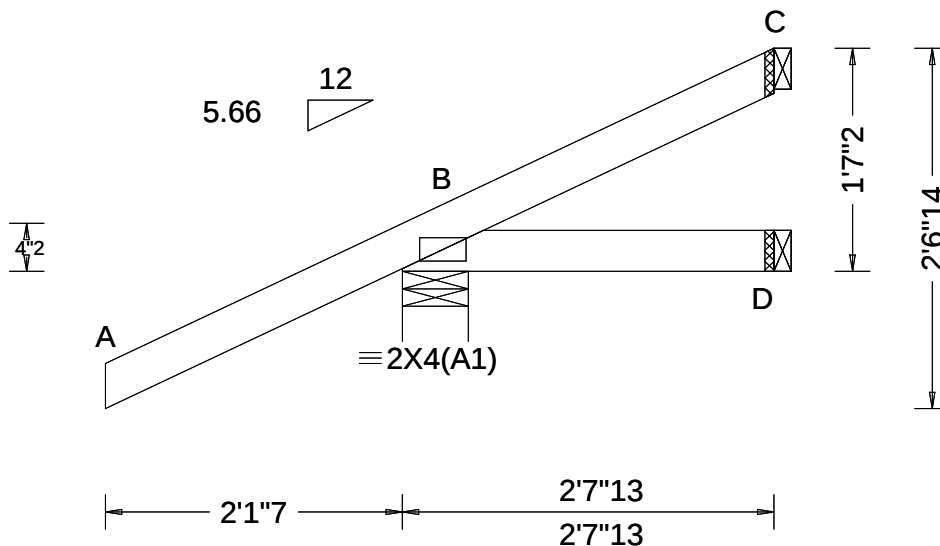


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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

SEQN: 635476 / FROM: CDM	HIP_	Ply: 1 Qty: 2	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: HJ02	Cust: R 215 JRef: 1Xa92150006 T21 / DrwNo: 309.21.1155.51220 / YK 11/05/2021
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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: 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: 3.00 ft Loc. from endwall: NA GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B - - HORZ(TL): 0.002 B - - Creep Factor: 2.0 Max TC CSI: 0.276 Max BC CSI: 0.079 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 162 /- /- /- /41 /- D - /-9 /- /9 /- /- C - /0 /- /- /2 /- Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Loading

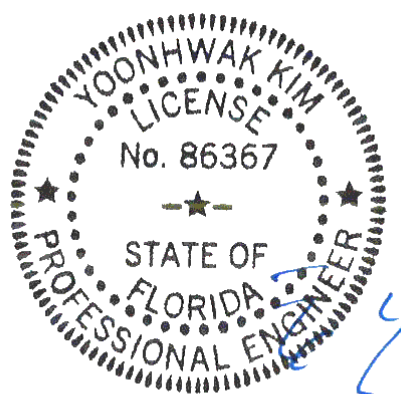
Hipjack supports 1-10-8 setback jacks with no webs.

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 1'-7-2.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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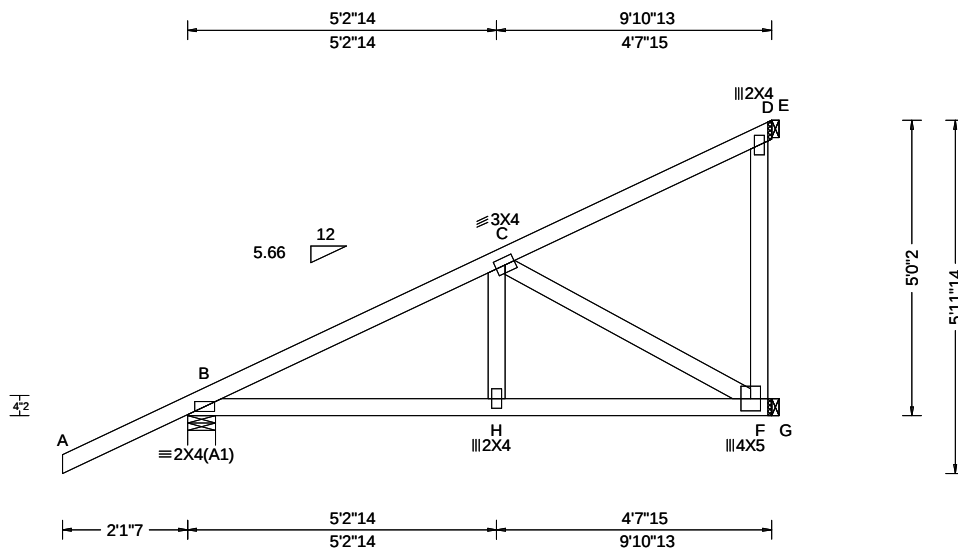
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6750 Forum Drive
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SEQN: 637808 / FROM: CDM	HIP_	Ply: 1 Qty: 2	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: HJ04	Cust: R 215 JRef: 1Xa92150006 T54 / DrwNo: 309.21.1155.51205 / YK 11/05/2021
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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: 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: 3.00 ft Loc. from endwall: NA GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.013 H 999 240 VERT(CL): 0.026 H 999 180 HORZ(LL): 0.004 G - - HORZ(TL): 0.009 G - - Creep Factor: 2.0 Max TC CSI: 0.617 Max BC CSI: 0.395 Max Web CSI: 0.302 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 472 -/- /- /90 -/ F 582 -/- /- /195 -/ D 52 -/- /- /96 -/- Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 F Brg Wid = 1.5 D Brg Wid = 1.5 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;

Loading

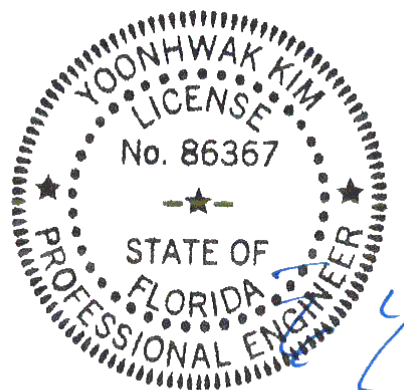
Hipjack supports 7-0-0 setback jacks with no webs.

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 5'-0-2.

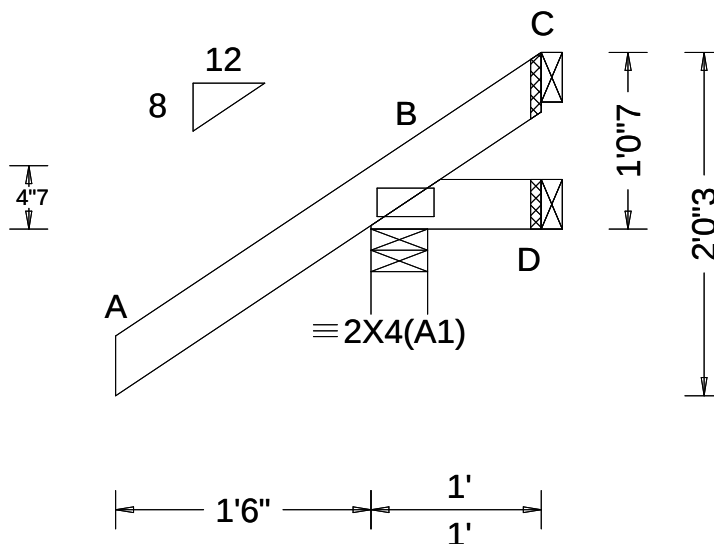


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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ALPINE
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6750 Forum Drive
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SEQN: 635165 / FROM: CDM	JACK Ply: 1 Qty: 10	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J01	Cust: R 215 JRef: 1Xa92150006 T36 / DrwNo: 309.21.1155.49940 / YK 11/05/2021
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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 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): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.261 Max BC CSI: 0.042 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 261 /- /- /221 /63 /50 D 5 /-16 /- /15 /17 /- C - /-57 /- /37 /68 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

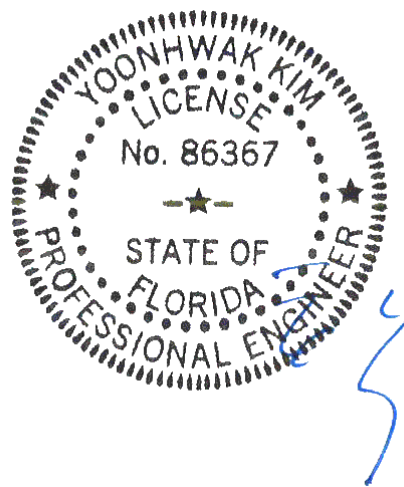
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 1-0-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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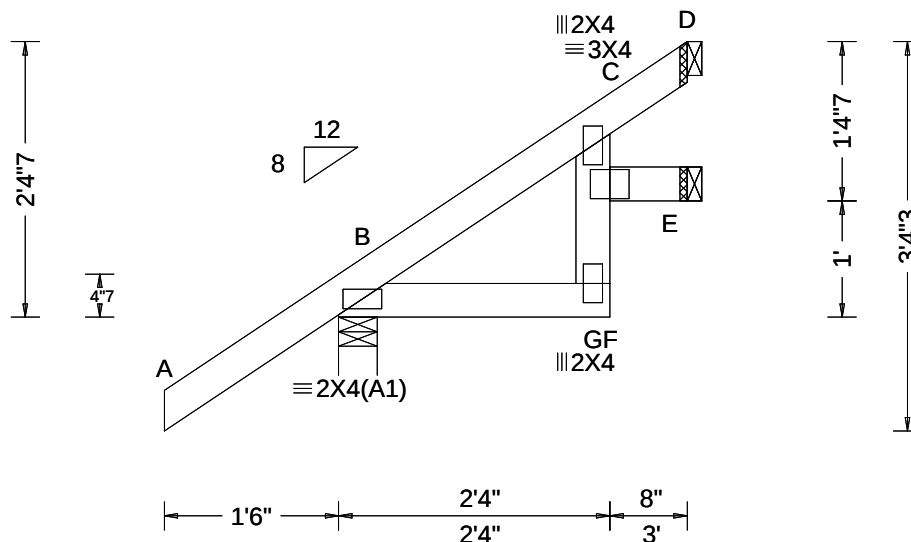
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635167 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J02	Cust: R 215 JRef: 1Xa92150006 T77 / DrwNo: 309.21.1155.50439 / YK 11/05/2021
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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): 0.003 F 999 240 VERT(CL): 0.005 F 999 180 HORZ(LL): 0.002 C - - HORZ(TL): 0.004 C - - Creep Factor: 2.0 Max TC CSI: 0.261 Max BC CSI: 0.048 Max Web CSI: 0.031 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 268 /- /- /200 /29 /98 E 21 /- /- /16 /1 /- D 73 /- /- /54 /32 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

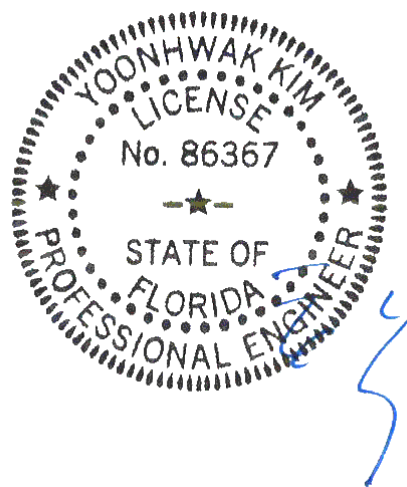
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 2-4-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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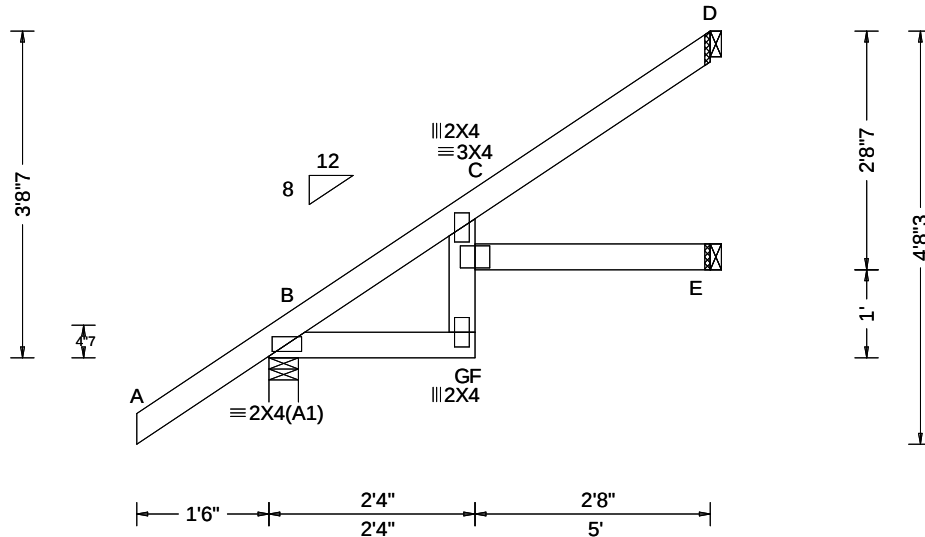
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635169 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J03	Cust: R 215 JRef: 1Xa92150006 T78 / DrwNo: 309.21.1155.50517 / YK 11/05/2021
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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 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): 0.050 F 999 240 VERT(CL): 0.101 F 575 180 HORZ(LL): 0.036 C - - HORZ(TL): 0.072 C - - Creep Factor: 2.0 Max TC CSI: 0.420 Max BC CSI: 0.117 Max Web CSI: 0.121 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 339 /- /- /240 /22 /145 E 63 /- /- /37 /- /- D 144 /- /- /107 /74 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

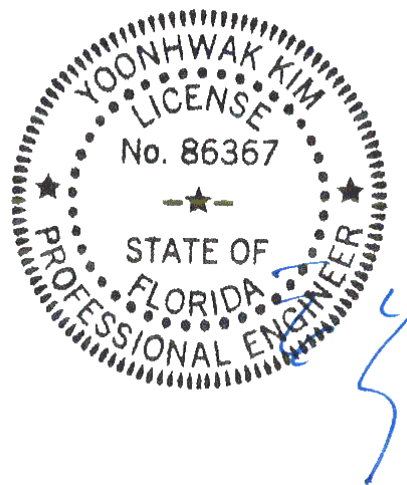
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 3-8-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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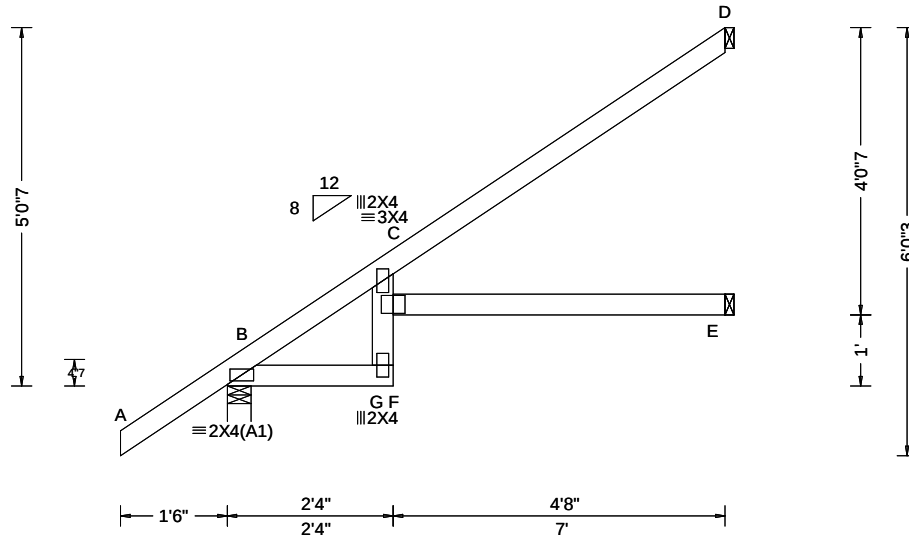
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635171 / FROM: CDM	EJAC Ply: 1 Qty: 6	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J04	Cust: R 215 JRef: 1Xa92150006 T73 / DrwNo: 309.21.1155.51033 / YK 11/05/2021
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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: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.178 F 461 240 VERT(CL): 0.362 F 227 180 HORZ(LL): 0.127 C - - HORZ(TL): 0.258 C - - Creep Factor: 2.0 Max TC CSI: 0.933 Max BC CSI: 0.346 Max Web CSI: 0.277 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 417 /- /- /287 /18 /192 E 106 /- /- /62 /- /- D 207 /- /- /154 /111 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

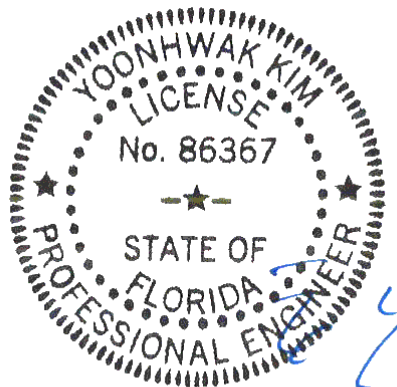
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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'-0.7'.

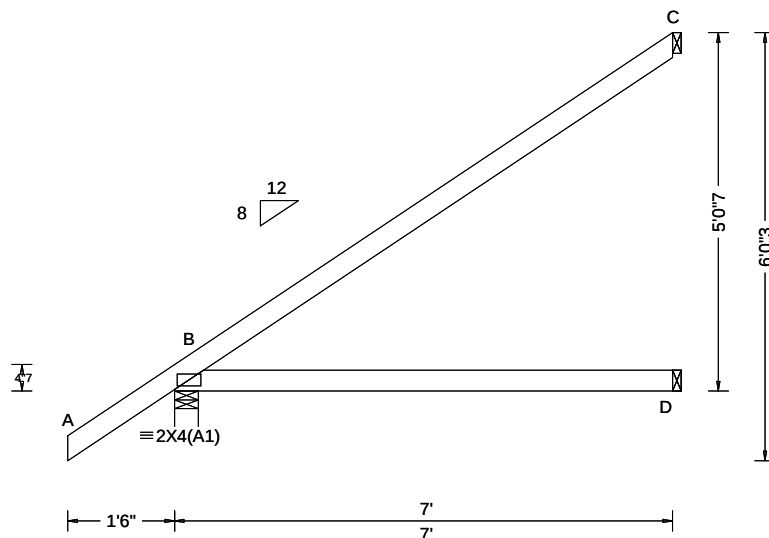


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635173 / FROM: CDM	EJAC Ply: 1 Qty: 35	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J05	Cust: R 215 JRef: 1Xa92150006 T37 / DrwNo: 309.21.1155.50346 / YK 11/05/2021
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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: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.013 B - - HORZ(TL): 0.027 B - - Creep Factor: 2.0 Max TC CSI: 0.747 Max BC CSI: 0.527 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 417 /- /- /287 /18 /192 D 131 /- /- /75 /- /- C 193 /- /- /140 /113 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

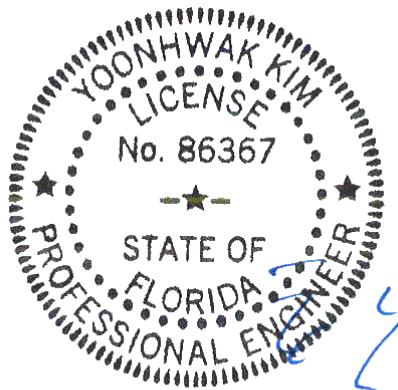
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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 5'-0"-7".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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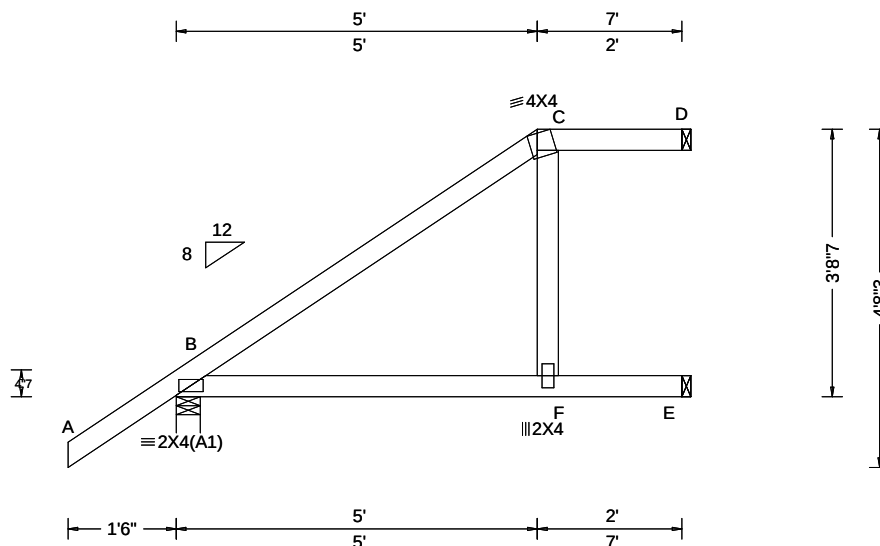
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ALPINE
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635434 / FROM: CDM	EJAC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J05	Cust: R 215 JRef:1Xa92150006 T68 / DrwNo: 309.21.1155.49830 / YK 11/05/2021
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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): 0.095 C 868 240 VERT(CL): 0.193 C 427 180 HORZ(LL): 0.065 C - - HORZ(TL): 0.133 C - - Creep Factor: 2.0 Max TC CSI: 0.556 Max BC CSI: 0.523 Max Web CSI: 0.210 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 417 /- /- /294 /43 /146 E 165 /- /- /115 /47 /- D 109 /- /- /57 /21 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

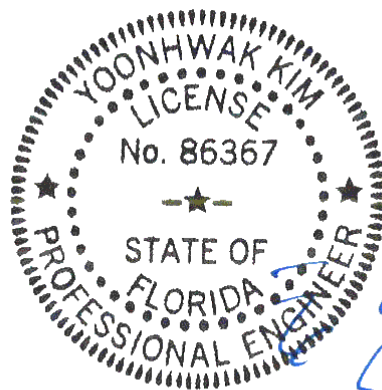
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 3-8-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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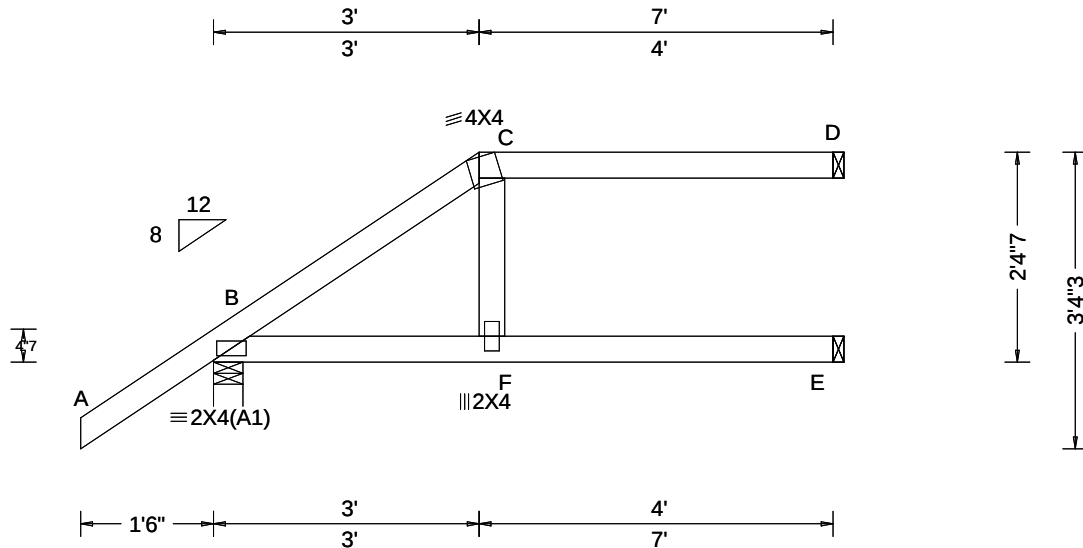
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635436 / FROM: CDM	EJAC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J05	Cust: R 215 JRef: 1Xa92150006 T66 / DrwNo: 309.21.1155.50642 / YK 11/05/2021
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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): 0.130 C 632 240 VERT(CL): 0.265 C 310 180 HORZ(LL): 0.085 C - - HORZ(TL): 0.173 C - - Creep Factor: 2.0 Max TC CSI: 0.513 Max BC CSI: 0.541 Max Web CSI: 0.158 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 417 /- /- /286 /61 /99 E 126 /- /- /76 /2 /- D 163 /- /- /67 /52 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

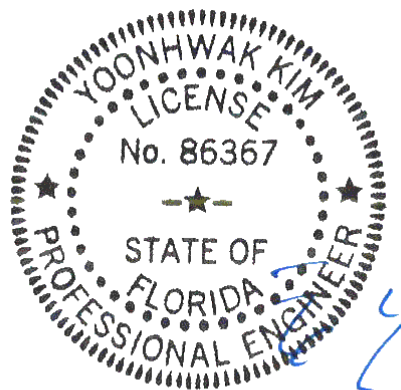
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 24-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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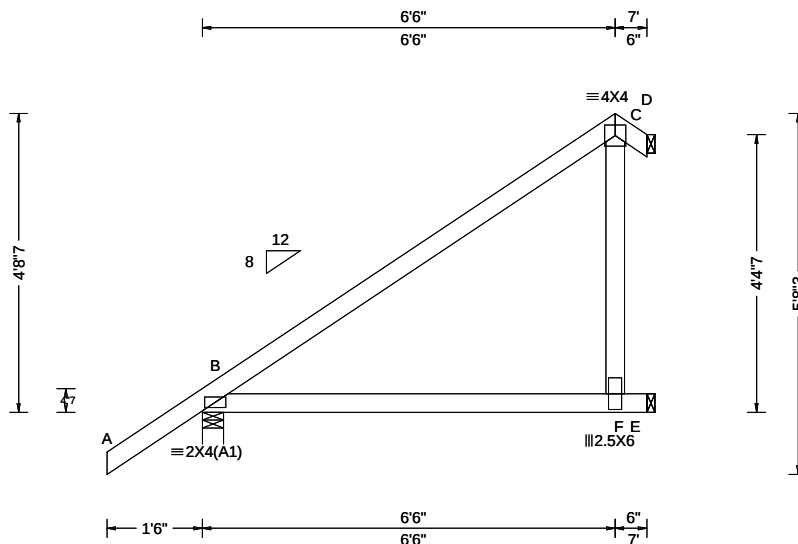
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635348 / FROM: CDM	EJAC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J06	Cust: R 215 JRef:1Xa92150006 T64 / DrwNo: 309.21.1155.50362 / YK 11/05/2021
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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: 3.00 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/def L/# VERT(LL): 0.023 C 999 240 VERT(CL): 0.047 C 999 180 HORZ(LL): 0.036 D - - HORZ(TL): 0.074 D - - Creep Factor: 2.0 Max TC CSI: 0.661 Max BC CSI: 0.513 Max Web CSI: 0.142 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 417 /- /- /288 /29 /175 E 322 /- /- /219 /213 /- D 127 /-47 /- /132 /34 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. C - F 479 -260

Lumber

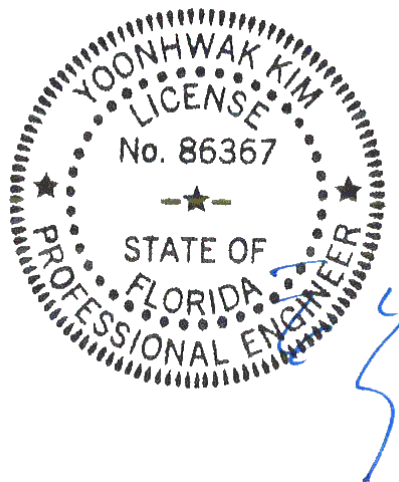
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 4-8-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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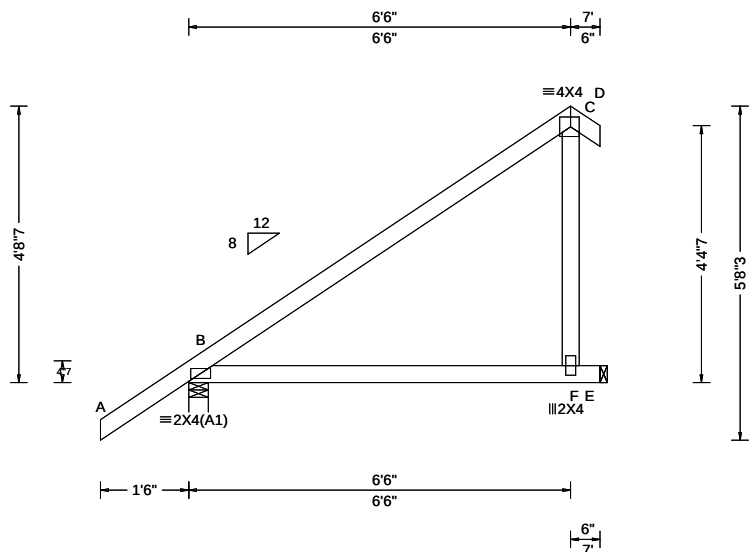
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635351 / FROM: CDM	EJAC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J07	Cust: R 215 JRef: 1Xa92150006 T65 / DrwNo: 309.21.1155.50736 / YK 11/05/2021
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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: 3.00 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): 0.022 C 999 240 VERT(CL): 0.047 C 999 180 HORZ(LL): 0.037 D - - HORZ(TL): 0.075 D - - Creep Factor: 2.0 Max TC CSI: 0.677 Max BC CSI: 0.554 Max Web CSI: 0.081 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 417 /- /- /288 /29 /175 E 274 /- /- /204 /81 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

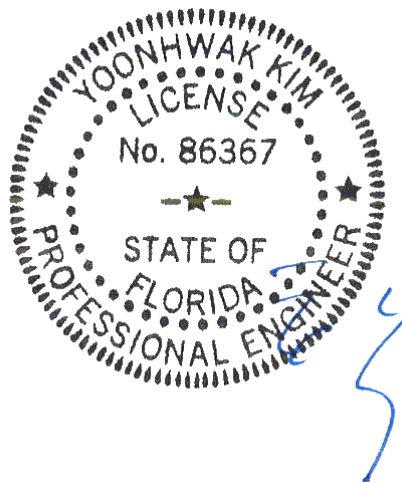
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 4-8-7.

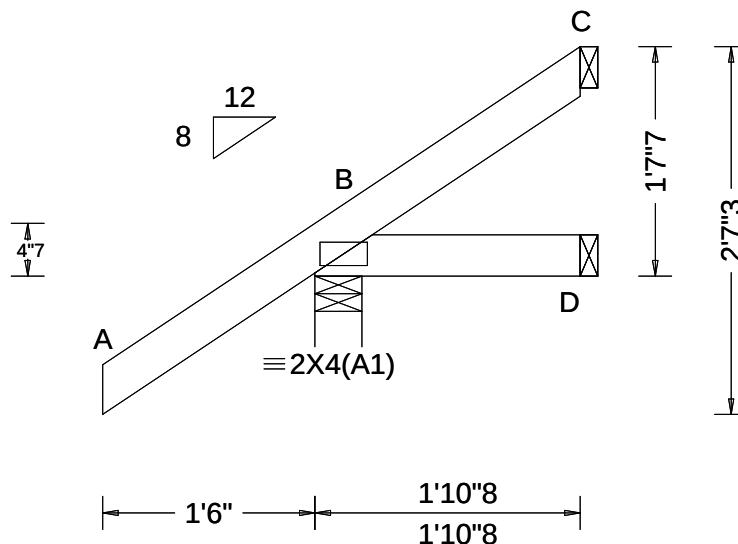


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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

SEQN: 635179 / FROM: CDM	EJAC Ply: 1 Qty: 9	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J08	Cust: R 215 JRef: 1Xa92150006 T20 / DrwNo: 309.21.1155.50674 / YK 11/05/2021
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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): NA VERT(CL): NA HORZ(LL): -0.001 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.261 Max BC CSI: 0.057 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 242 /- /- /191 /38 /71 D 26 /- /- /22 /5 /- C 15 /- /- /28 /18 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

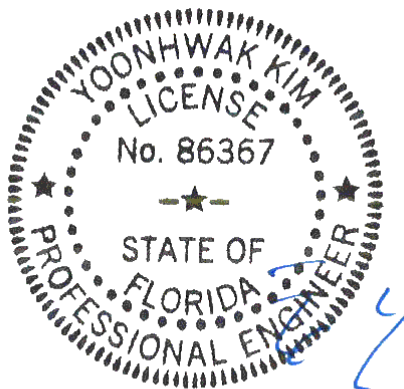
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

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'-7-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

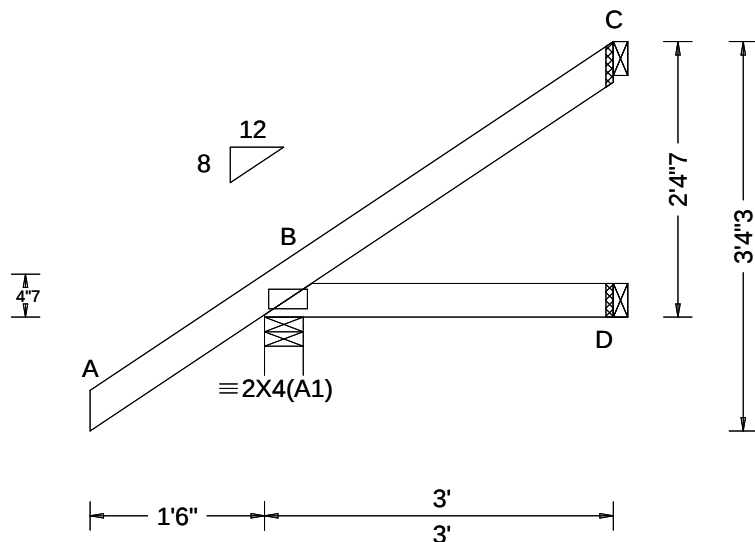
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
Suite 305
Orlando FL, 32821

SEQN: 635237 / FROM: CDM	JACK Ply: 1 Qty: 4	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J11	Cust: R 215 JRef: 1Xa92150006 T35 / DrwNo: 309.21.1155.50987 / YK 11/05/2021
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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 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.201 Max BC CSI: 0.067 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 268 /- /- /200 /29 /98 D 50 /- /- /32 /- /- C 64 /- /- /43 /43 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

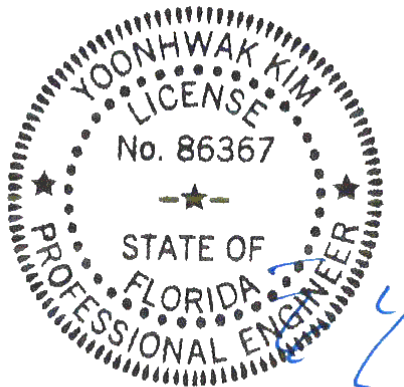
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 2'-4"-7".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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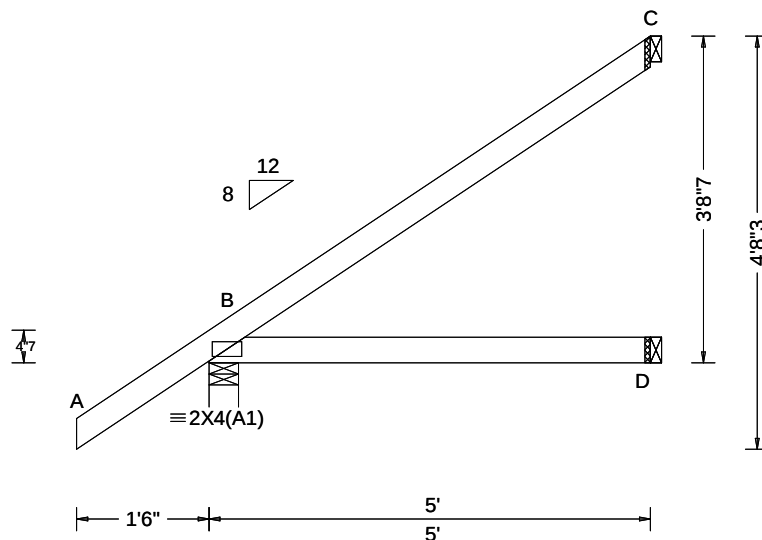
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635239 / FROM: CDM	JACK Ply: 1 Qty: 4	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J12	Cust: R 215 JRef: 1Xa92150006 T19 / DrwNo: 309.21.1155.50612 / YK 11/05/2021
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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	339	/-	/-	/240	/22	/145
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	D	91	/-	/-	/52	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 B - -	C	131	/-	/-	/94	/79	/-
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 B - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	B Brg Wid = 4.0 Min Req = 1.5						
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.367	D Brg Wid = 1.5						
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.242	C Brg Wid = 1.5						
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		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 4.50 ft									
	GCpi: 0.18									
	Wind Duration: 1.60									
			VIEW Ver: 21.01.01A.0521.20							

Lumber

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

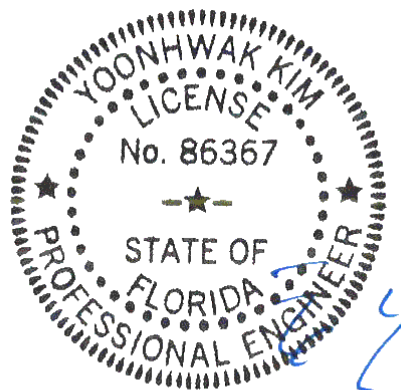
Wind

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 3-8-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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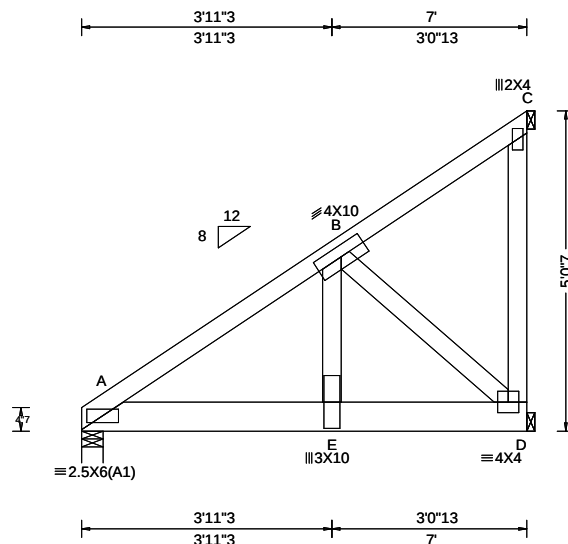
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635295 / FROM: CDM	EJAC Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J13	Cust: R 215 JRef: 1Xa92150006 T48 / DrwNo: 309.21.1155.50815 / YK 11/05/2021
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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 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: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.018 E 999 240 VERT(CL): 0.035 E 999 180 HORZ(LL): 0.008 A - - HORZ(TL): 0.015 A - - Creep Factor: 2.0 Max TC CSI: 0.361 Max BC CSI: 0.418 Max Web CSI: 0.801 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 2050 /- /- /- /59 /- D 1481 /- /- /- /59 /- C 30 /- /- /- /13 /- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.7 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing A 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: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;

Special Loads

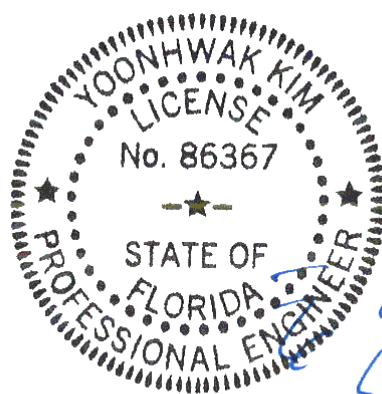
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 7.00
BC: From 10 plf at 0.00 to 10 plf at 7.00
BC: 1135 lb Conc. Load at 1.06
BC: 1076 lb Conc. Load at 3.06
BC: 1055 lb Conc. Load at 5.06

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 5'-0"-7'.

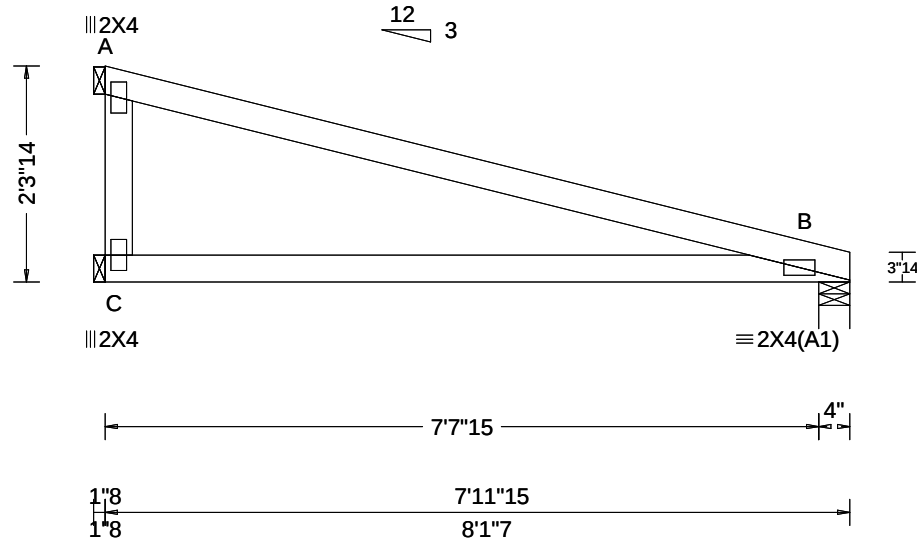


FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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

SEQN: 635187 / FROM: CDM	MONO Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J14	Cust: R 215 JRef: 1Xa92150006 T59 / DrwNo: 309.21.1155.50049 / YK 11/05/2021
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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: 3.00 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): 0.077 B 999 240 VERT(CL): 0.156 B 613 180 HORZ(LL): -0.023 B - - HORZ(TL): 0.047 B - - Creep Factor: 2.0 Max TC CSI: 0.850 Max BC CSI: 0.610 Max Web CSI: 0.324 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C 154 /- /- /84 /- /70 A 208 /- /- /80 /86 /- B 328 /- /- /169 /51 /- Wind reactions based on MWFRS C Brg Wid = 1.5 Min Req = - A Brg Wid = 1.5 B Brg Wid = 4.0 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

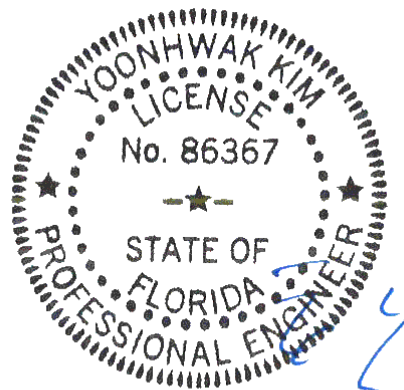
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 2'-3-14".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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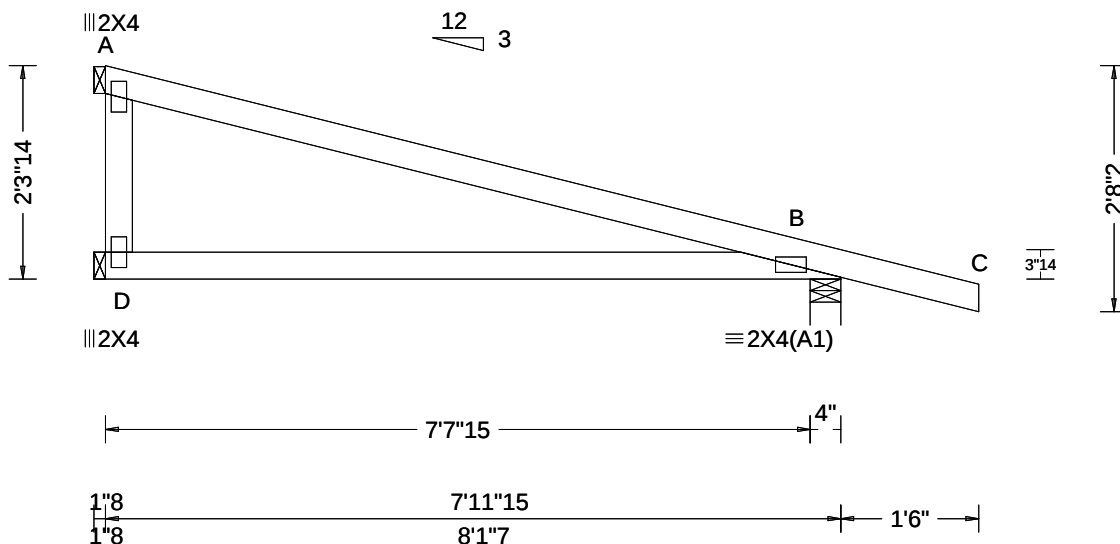
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635183 / FROM: CDM	MONO Ply: 1 Qty: 11	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J15	Cust: R 215 JRef: 1Xa92150006 T46 / DrwNo: 309.21.1155.50939 / YK 11/05/2021
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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 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): 0.070 B 999 240 VERT(CL): 0.137 B 699 180 HORZ(LL): -0.021 B - - HORZ(TL): 0.041 B - - Creep Factor: 2.0 Max TC CSI: 0.806 Max BC CSI: 0.581 Max Web CSI: 0.305 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D 151 /- /- /83 /- /79 A 203 /- /- /78 /65 /- B 436 /- /- /237 /96 /- Wind reactions based on MWFRS D Brg Wid = 1.5 Min Req = - A Brg Wid = 1.5 B Brg Wid = 4.0 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

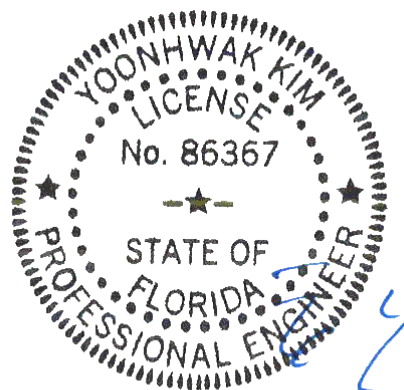
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 2'-3-14.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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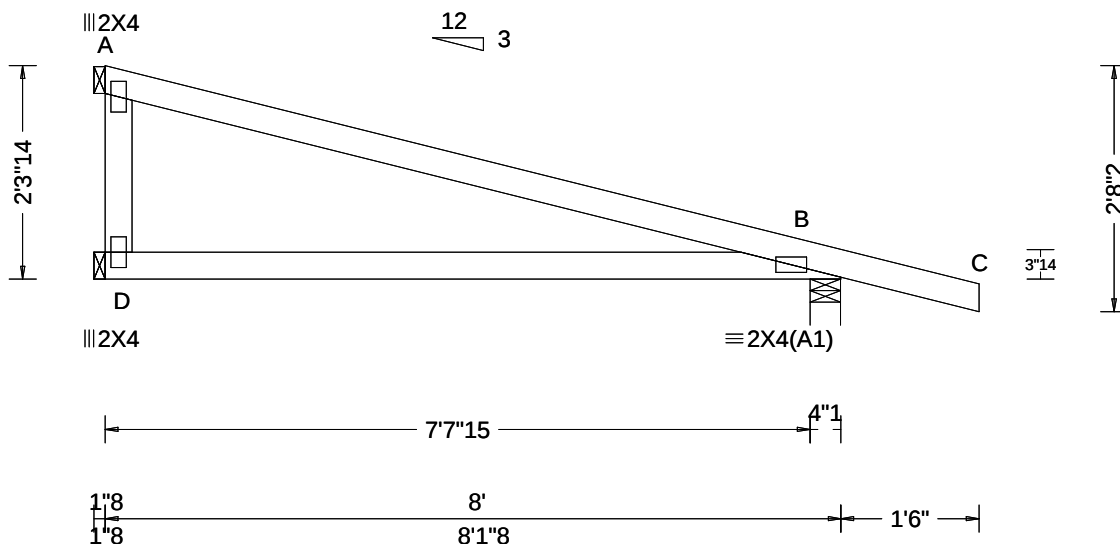
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635185 / FROM: CDM	COMN Ply: 1 Qty: 8	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: J16	Cust: R 215 JRef: 1Xa92150006 T58 / DrwNo: 309.21.1155.50705 / YK 11/05/2021
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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: > 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): 0.089 B 999 240 VERT(CL): 0.172 B 566 180 HORZ(LL): -0.023 B - - HORZ(TL): 0.045 B - - Creep Factor: 2.0 Max TC CSI: 0.841 Max BC CSI: 0.607 Max Web CSI: 0.320 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity D 155 /- /- /85 /- /79 A 207 /- /- /80 /66 /- B 422 /- /- /233 /95 /- Wind reactions based on MWFRS D Brg Wid = 1.5 Min Req = - A Brg Wid = 1.5 B Brg Wid = 4.0 Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

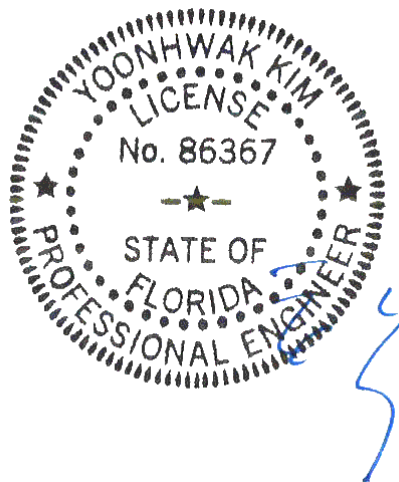
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;

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 2'-3-14.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

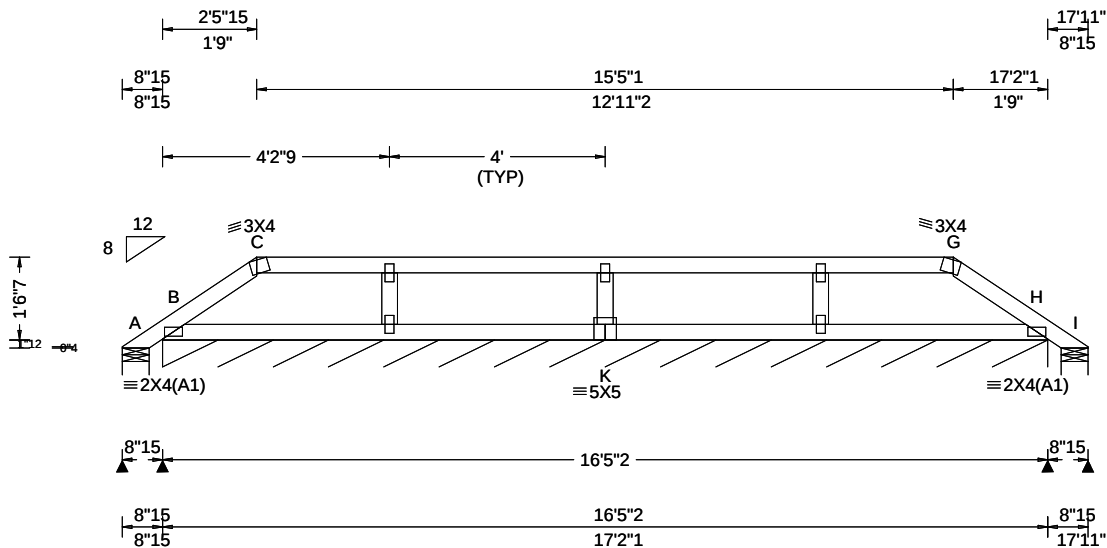
****IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior 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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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 635379 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB01	Cust: R 215 JRef: 1Xa92150006 T56 / DrwNo: 309.21.1155.49689 / YK 11/05/2021
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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: 15.63 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.17 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.004 G 999 240 VERT(CL): 0.007 G 999 180 HORZ(LL): 0.002 H - - HORZ(TL): 0.003 H - - Creep Factor: 2.0 Max TC CSI: 0.175 Max BC CSI: 0.059 Max Web CSI: 0.049 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 9 /-5 /- /37 /41 /45 B* 72 /- /- /47 /15 /- I 8 /-9 /- /10 /14 /- Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 197 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

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

Wind

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

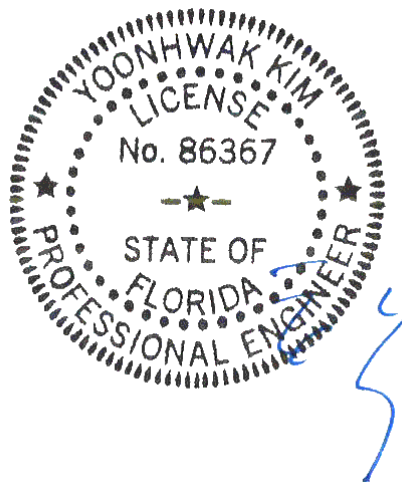
Wind loading based on both gable and hip roof types.

Additional Notes

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

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 1-8-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

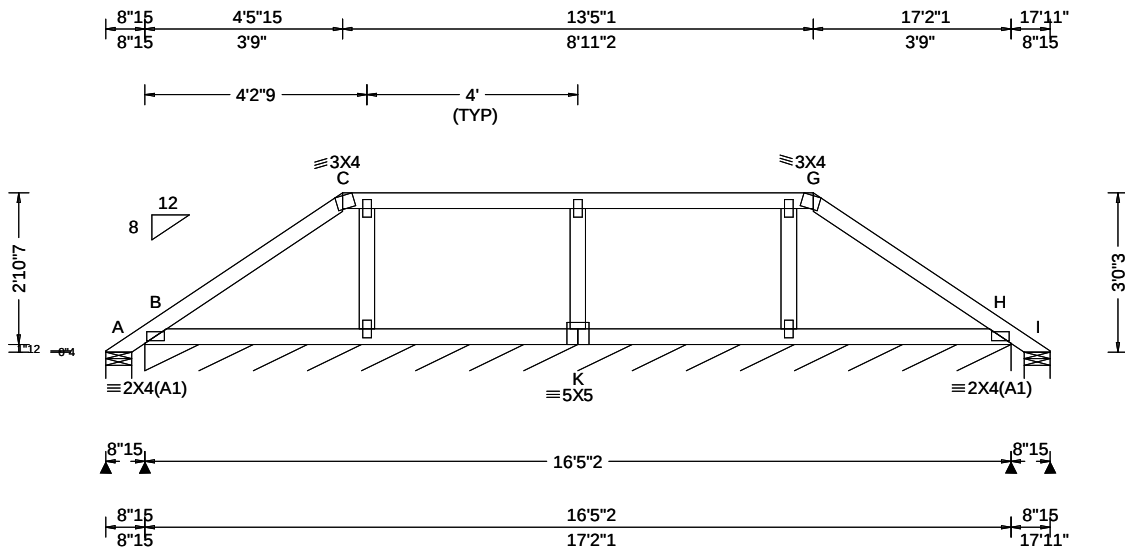
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635374 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB02	Cust: R 215 JRef: 1Xa92150006 T45 / DrwNo: 309.21.1155.50173 / YK 11/05/2021
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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: 21.63 ft TCDL: 5.0 psf BCDL: 2.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.17 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): -0.002 C 999 240 VERT(CL): 0.004 C 999 180 HORZ(LL): 0.002 G - - HORZ(TL): 0.003 G - - Creep Factor: 2.0 Max TC CSI: 0.177 Max BC CSI: 0.072 Max Web CSI: 0.057 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL A - /-55 /- /81 /111 /82 B* 79 /- /- /52 /26 /- I - /-55 /- /34 /64 /- B /-114 K /-132 H /-114 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 197 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

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

Wind

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

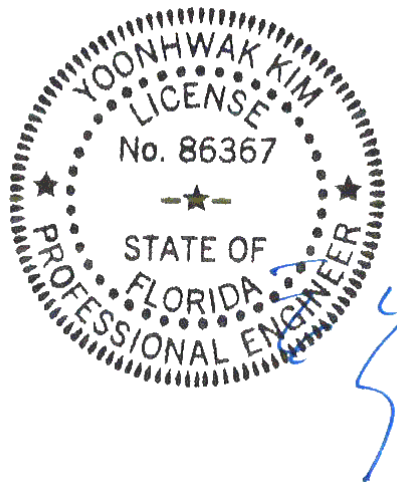
Wind loading based on both gable and hip roof types.

Additional Notes

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

Refer to DWG PB160160118 for piggyback details.

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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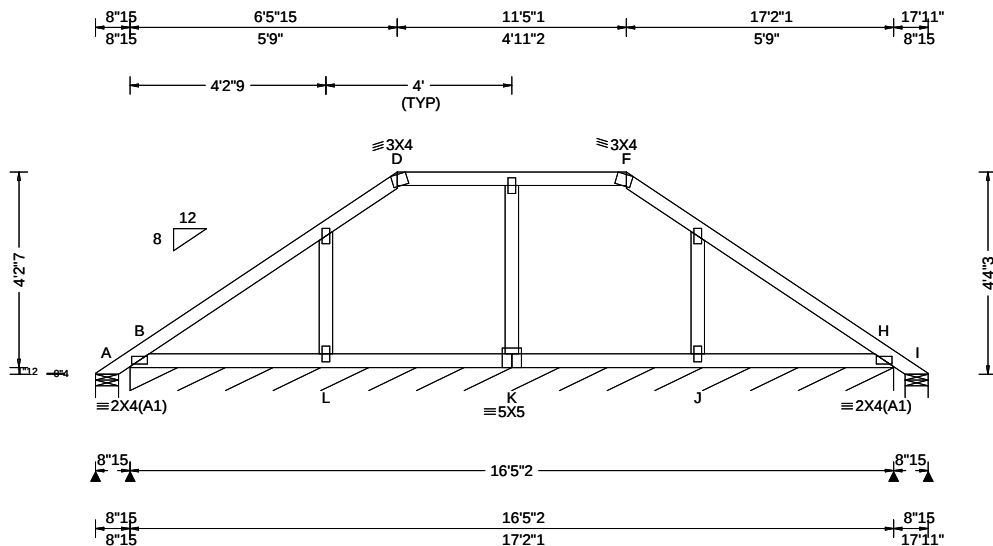
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635369 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB03	Cust: R 215 JRef: 1Xa92150006 T60 / DrwNo: 309.21.1155.48754 / YK 11/05/2021
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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: 22.30 ft TCDL: 5.0 psf BCDL: 2.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.17 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): 0.007 F 999 240 VERT(CL): 0.014 F 999 180 HORZ(LL): 0.004 D - - HORZ(TL): 0.009 D - - Creep Factor: 2.0 Max TC CSI: 0.161 Max BC CSI: 0.076 Max Web CSI: 0.065 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-58 /- /102 /131 /121 B* 79 /- /- /54 /27 /- I - /-58 /- /49 /68 /- L /-108 J /-108 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 197 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

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

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.

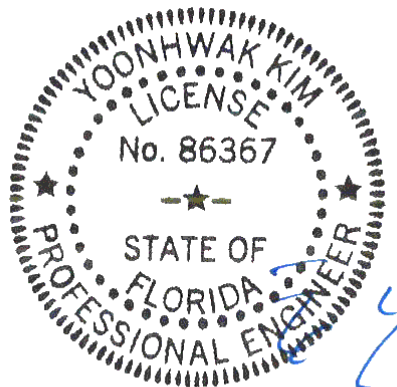
Wind loading based on both gable and hip roof types.

Additional Notes

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

Refer to DWG PB160160118 for piggyback details.

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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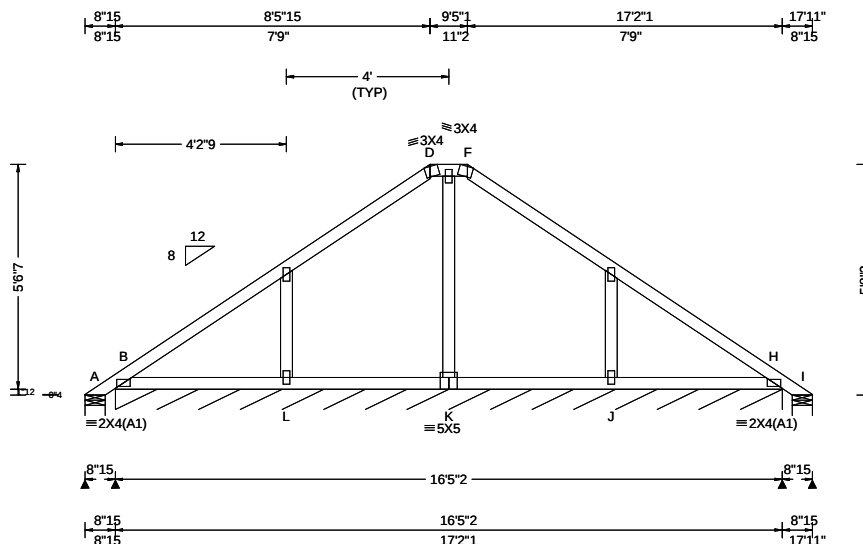
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635364 / FROM: CDM	GABL Ply: 1 Qty: 2	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB04	Cust: R 215 JRef:1Xa92150006 T57 / DrwNo: 309.21.1155.50845 / YK 11/05/2021
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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: 22.97 ft TCDL: 5.0 psf BCDL: 2.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.17 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): 0.004 D 999 240 VERT(CL): 0.007 D 999 180 HORZ(LL): 0.003 F - - HORZ(TL): 0.005 F - - Creep Factor: 2.0 Max TC CSI: 0.185 Max BC CSI: 0.076 Max Web CSI: 0.083 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-51 /- /118 /145 /160 B* 78 /- /- /56 /17 /- I - /-51 /- /30 /57 /- L /-112 J /-113 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 197 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

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

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.

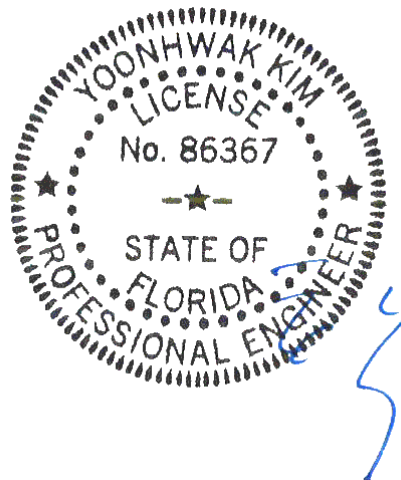
Wind loading based on both gable and hip roof types.

Additional Notes

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

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 5-8-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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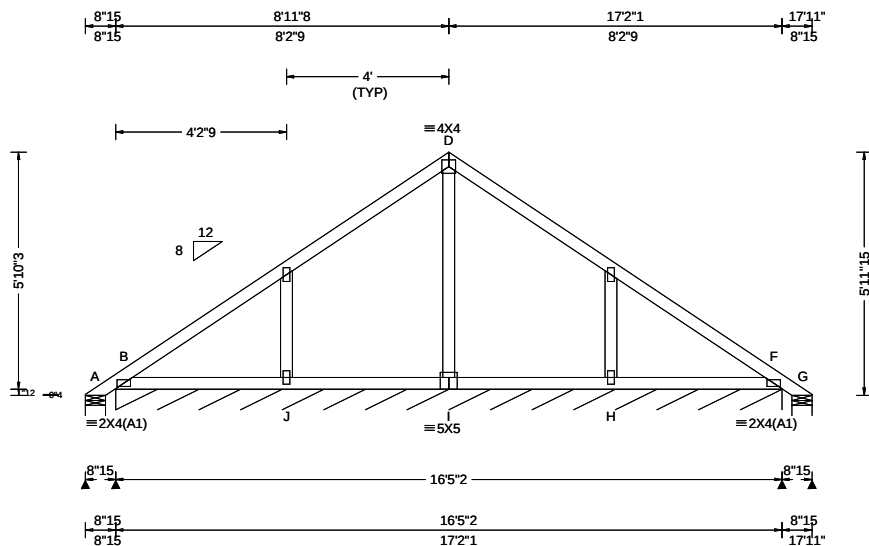
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AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635359 / FROM: CDM	GABL Ply: 1 Qty: 12	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB05	Cust: R 215 JRef: 1Xa92150006 T61 / DrwNo: 309.21.1155.51095 / YK 11/05/2021
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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: 17.79 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.17 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.002 D 999 180 HORZ(LL): 0.002 E - - HORZ(TL): 0.003 E - - Creep Factor: 2.0 Max TC CSI: 0.216 Max BC CSI: 0.074 Max Web CSI: 0.091 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-44 /- /125 /147 /175 B* 78 /- /- /58 /10 /- G - /-44 /- /28 /51 /- J /-107 H /-108 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 197 Min Req = - G Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & G are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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.

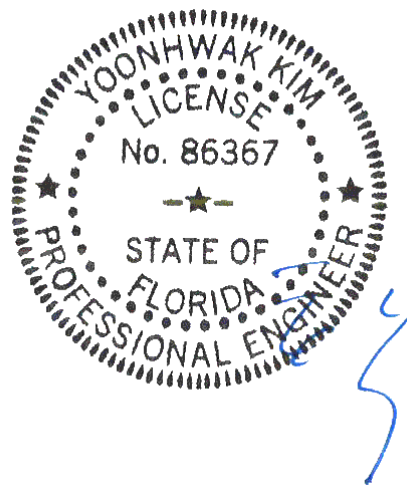
Wind loading based on both gable and hip roof types.

Additional Notes

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

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 5-11-15.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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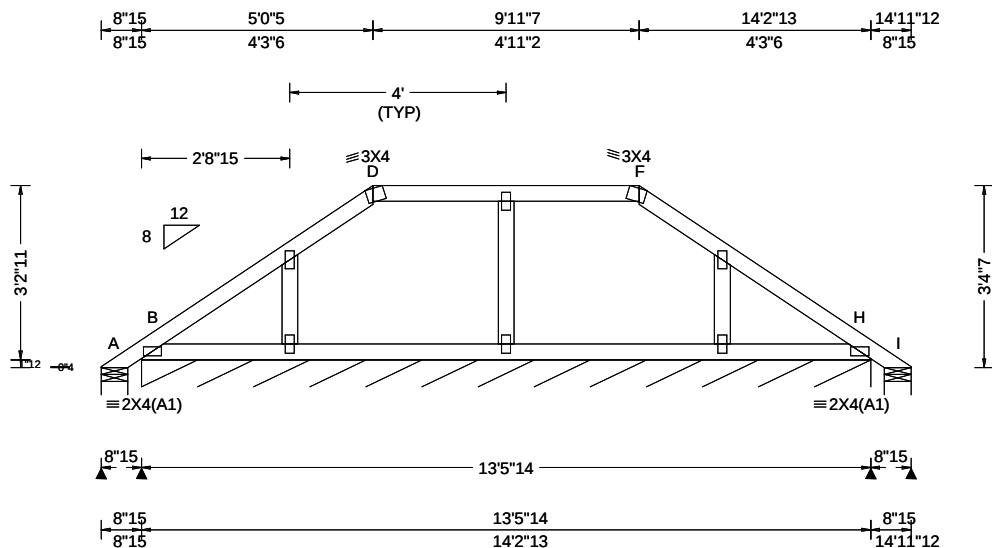
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635392 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB06	Cust: R 215 JRef: 1Xa92150006 T22 / DrwNo: 309.21.1155.50018 / YK 11/05/2021
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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: 17.47 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.02 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	PP Deflection in loc L/defl L/# VERT(LL): 0.003 F 999 240 VERT(CL): 0.006 F 999 180 HORZ(LL): 0.002 G - - HORZ(TL): 0.004 G - - Creep Factor: 2.0 Max TC CSI: 0.102 Max BC CSI: 0.060 Max Web CSI: 0.046 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 7 /- /- /63 /55 /96 B* 72 /- /- /51 /8 /- I 7 /- /- /12 /4 /- Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 161 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

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

Wind

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

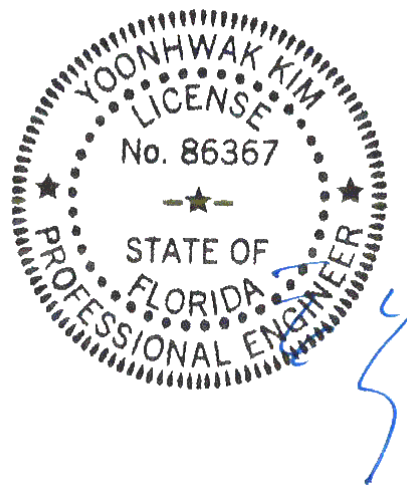
Wind loading based on both gable and hip roof types.

Additional Notes

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

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 3-4-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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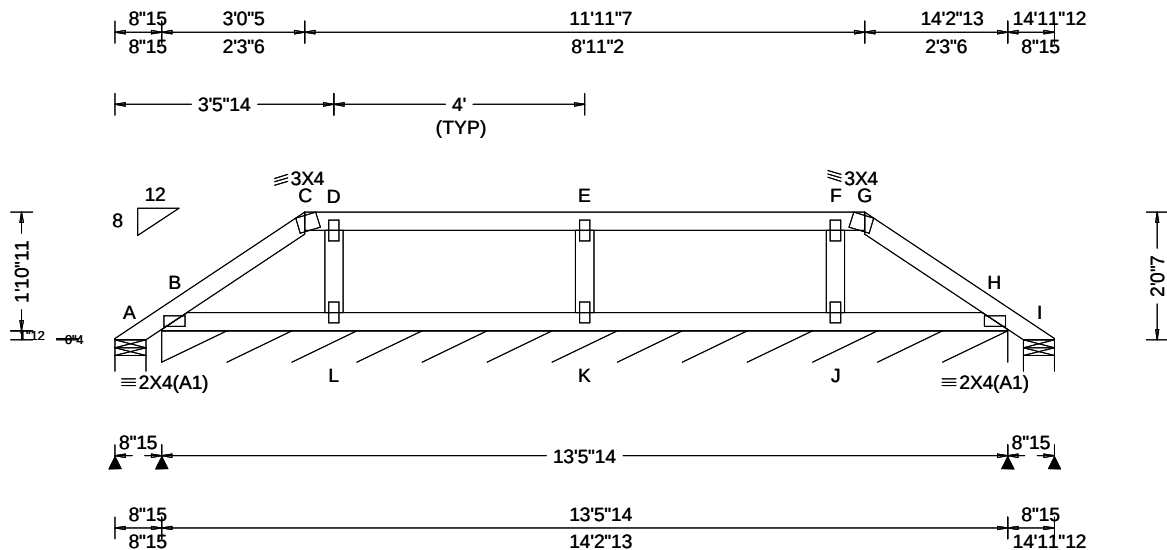
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AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 635478 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB07	Cust: R 215 JRef: 1Xa92150006 T75 / DrwNo: 309.21.1155.49456 / YK 11/05/2021
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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: 22.12 ft TCDL: 5.0 psf BCDL: 2.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): 0.001 H - - HORZ(TL): 0.001 H - - Creep Factor: 2.0 Max TC CSI: 0.192 Max BC CSI: 0.050 Max Web CSI: 0.107 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 4 /-3 /- /38 /40 /54 B* 73 /- /- /47 /24 /- I 4 /-3 /- /7 /9 /- L /-100 K /-135 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 161 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

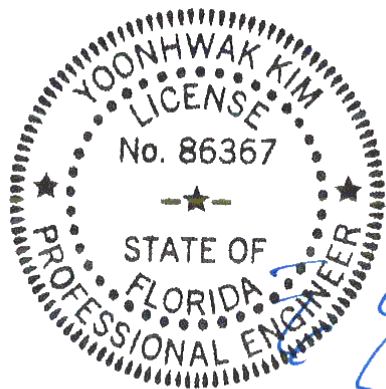
All plates are 2X4 except as noted.

Wind

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

Additional Notes

Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 2'-0"-7".



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

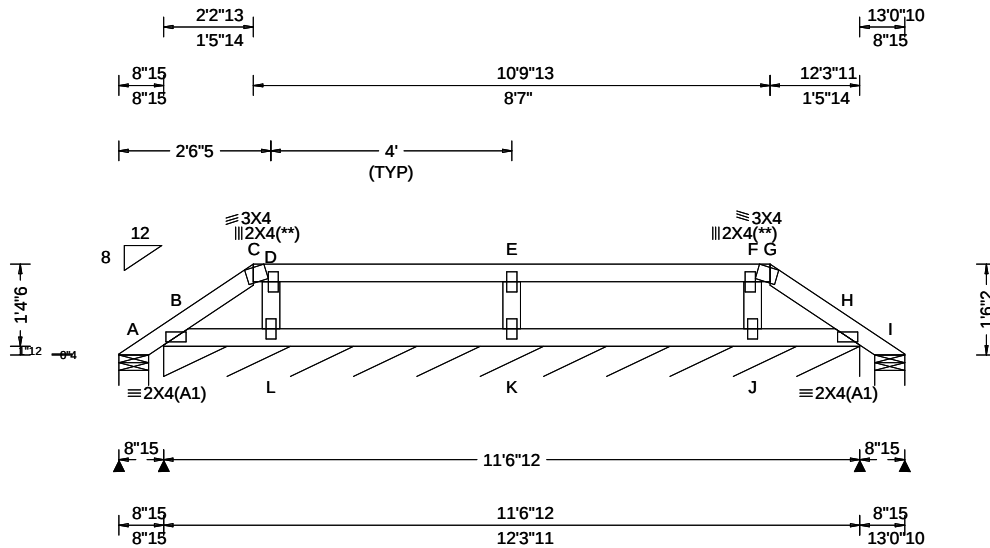
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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ALPINE
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 637784 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB08	Cust: R 215 JRef: 1Xa92150006 T53 / DrwNo: 309.21.1155.50816 / YK 11/05/2021
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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: 21.86 ft TCDL: 5.0 psf BCDL: 2.0 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): 0.001 C 999 240 VERT(CL): -0.001 G 999 180 HORZ(LL): 0.001 H - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.206 Max BC CSI: 0.049 Max Web CSI: 0.114 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 22 /- /- /28 /22 /39 B* 70 /- /- /45 /25 /- I 22 /- /- /9 /7 /- K /-135 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 138 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

E - K 383 -281

Lumber

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

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

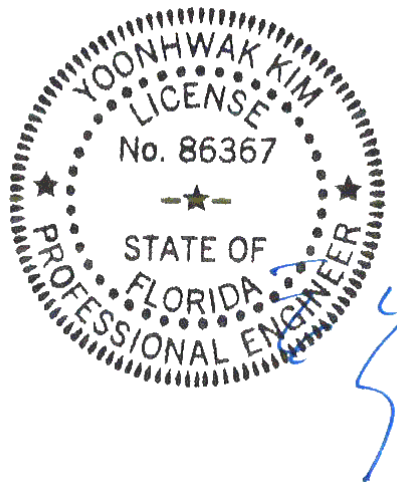
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 1-6-2.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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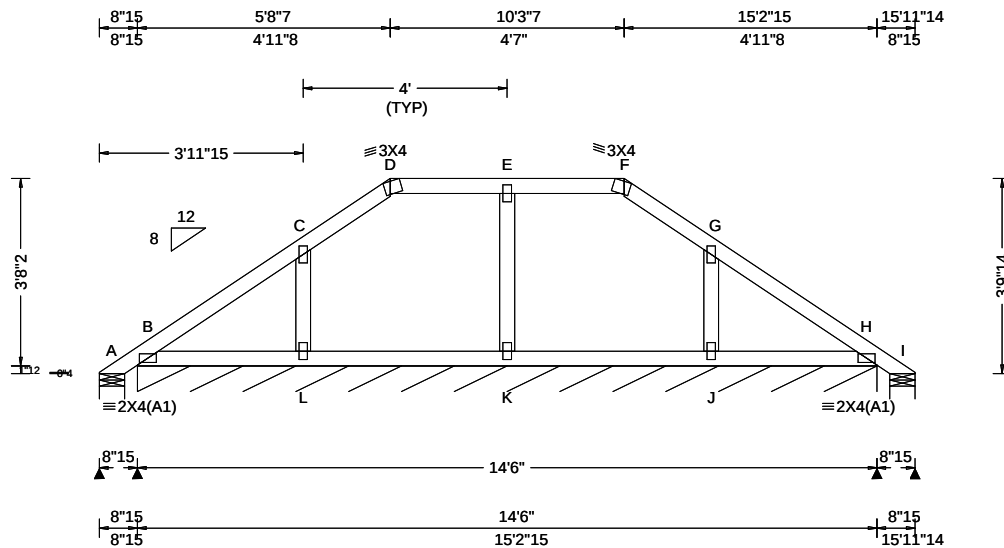
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 637782 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB09	Cust: R 215 JRef: 1Xa92150006 T30 / DrwNo: 309.21.1155.50330 / YK 11/05/2021
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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: 22.04 ft TCDL: 5.0 psf BCDL: 2.0 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): 0.007 F 999 240 VERT(CL): 0.017 F 999 180 HORZ(LL): 0.004 D - - HORZ(TL): 0.010 D - - Creep Factor: 2.0 Max TC CSI: 0.156 Max BC CSI: 0.061 Max Web CSI: 0.064 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-11 /- /72 /78 /106 B* 74 /- /- /51 /17 /- I - /-11 /- /17 /23 /- Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 173 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

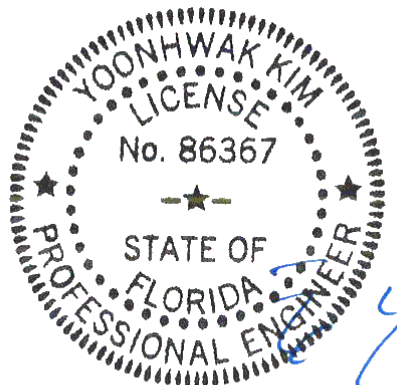
All plates are 2X4 except as noted.

Wind

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

Additional Notes

Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 3-9-14.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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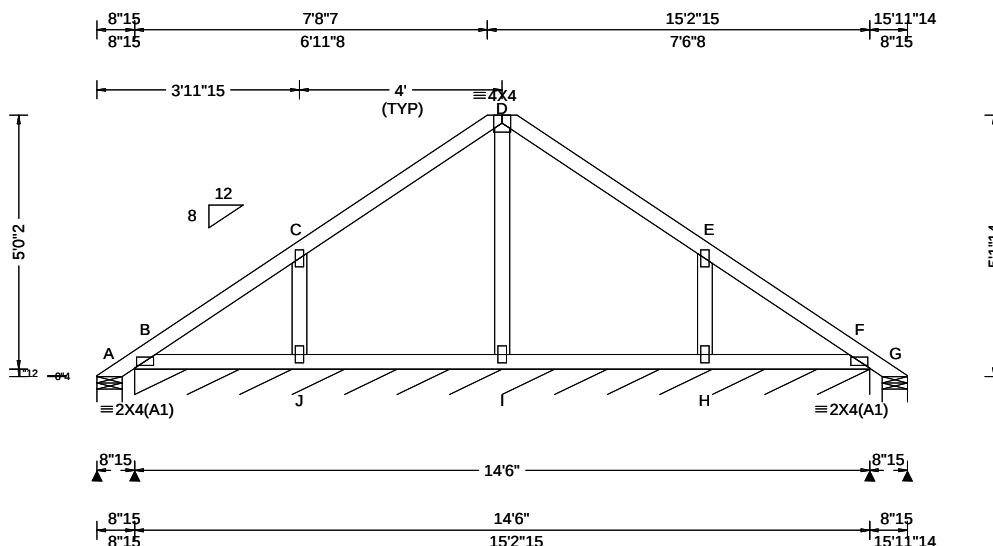
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 637780 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB10	Cust: R 215 JRef: 1Xa92150006 T34 / DrwNo: 309.21.1155.51174 / YK 11/05/2021
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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: 22.70 ft TCDL: 5.0 psf BCDL: 2.0 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): 0.001 D 999 240 VERT(CL): 0.001 D 999 180 HORZ(LL): 0.002 E - - HORZ(TL): 0.002 E - - Creep Factor: 2.0 Max TC CSI: 0.209 Max BC CSI: 0.058 Max Web CSI: 0.081 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 1 /0 /- /89 /93 /146 B* 72 /- /- /53 /13 /- G 1 /0 /- /8 /11 /- J /-108 H /-108 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 173 Min Req = - G Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & G are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

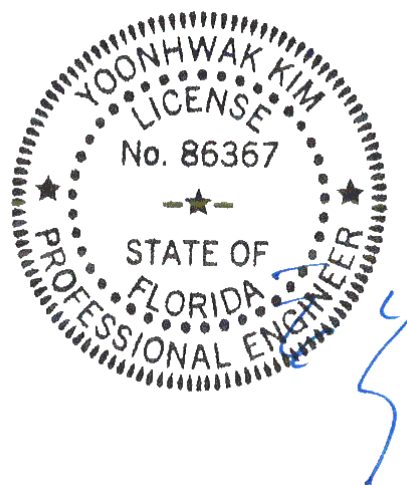
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 5'-1-14.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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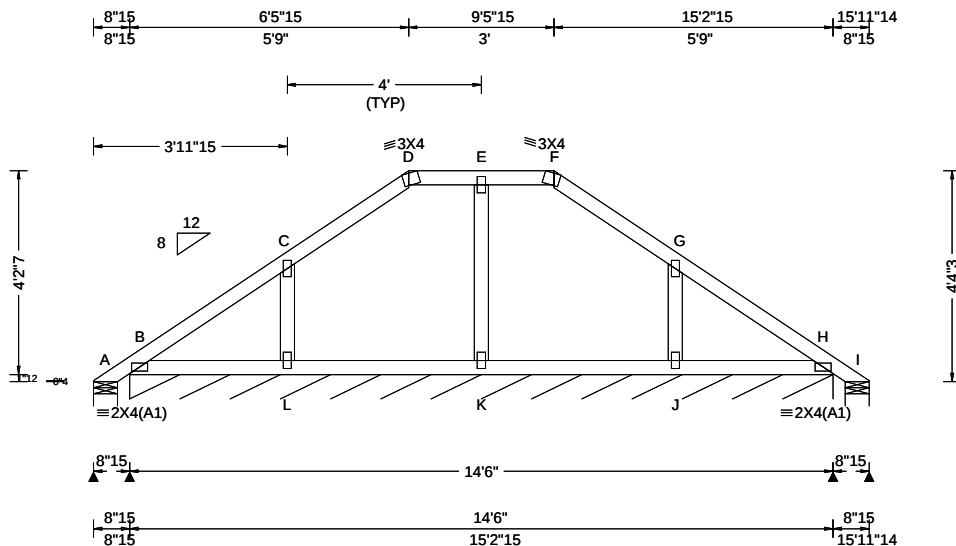
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 637778 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB11	Cust: R 215 JRef: 1Xa92150006 T29 / DrwNo: 309.21.1155.50220 / YK 11/05/2021
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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: 22.30 ft TCDL: 5.0 psf BCDL: 2.0 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): 0.008 F 999 240 VERT(CL): 0.019 F 999 180 HORZ(LL): 0.005 D - - HORZ(TL): 0.011 D - - Creep Factor: 2.0 Max TC CSI: 0.171 Max BC CSI: 0.062 Max Web CSI: 0.046 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-7 /- /78 /82 /121 B* 73 /- /- /52 /15 /- I - /-7 /- /14 /18 /- Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 173 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

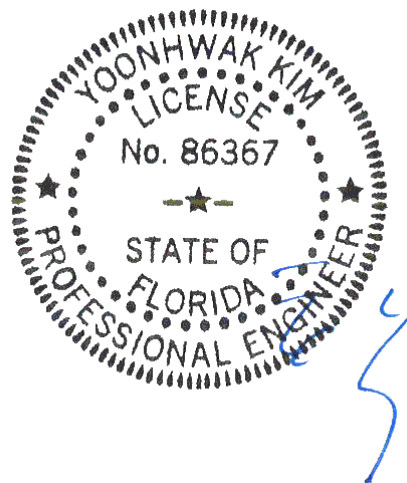
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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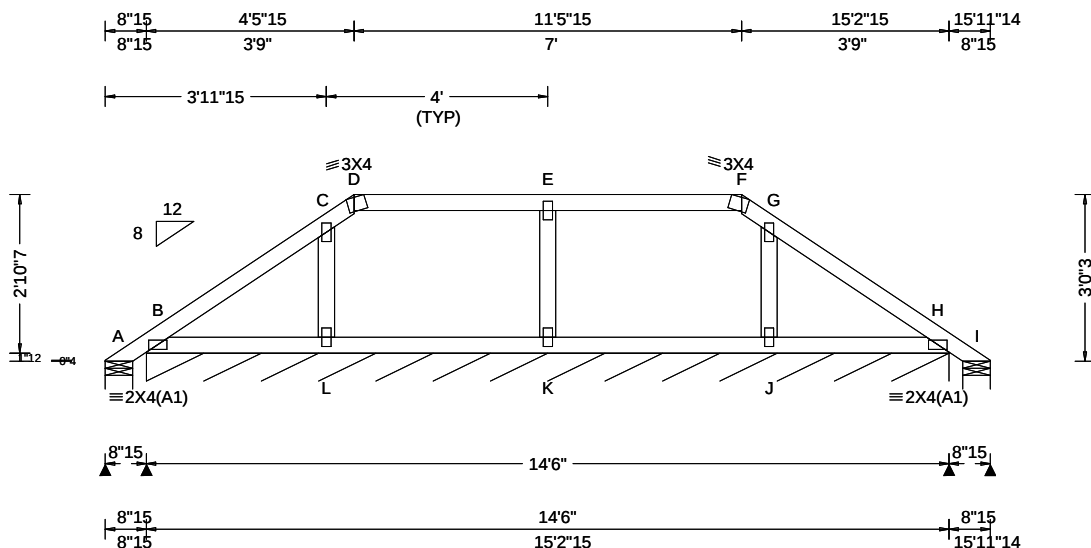
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 637776 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB12	Cust: R 215 JRef: 1Xa92150006 T28 / DrwNo: 309.21.1155.48893 / YK 11/05/2021
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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: 21.63 ft TCCL: 5.0 psf BCDL: 2.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.002 F 999 240 VERT(CL): 0.006 F 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.004 D - - Creep Factor: 2.0 Max TC CSI: 0.167 Max BC CSI: 0.055 Max Web CSI: 0.096 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-12 /- /63 /71 /82 B* 74 /- /- /50 /25 /- I - /-12 /- /19 /27 /- K /-122 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 173 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

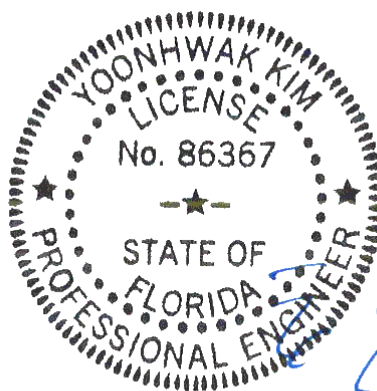
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.

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



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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

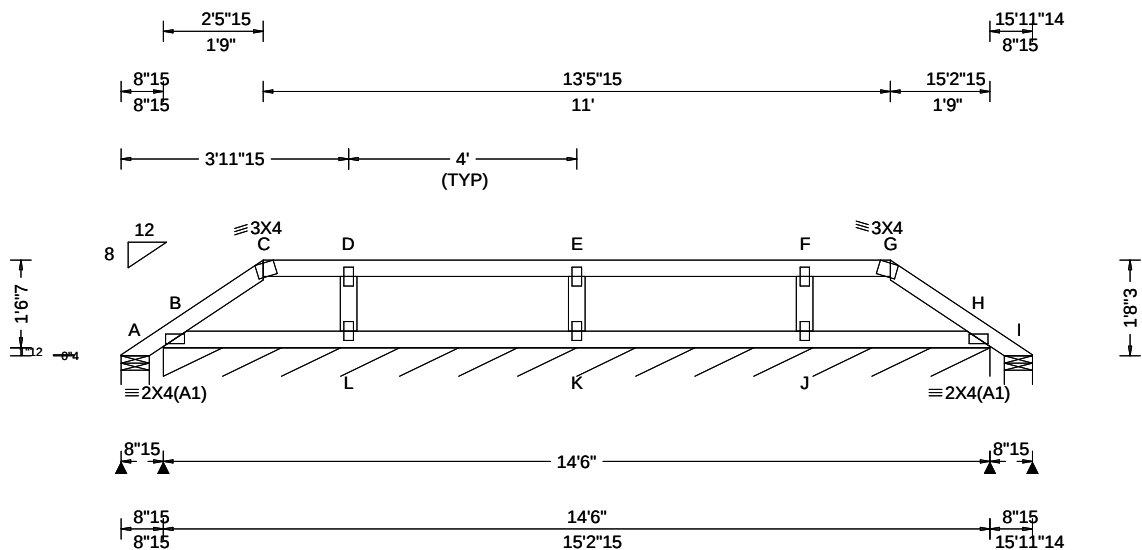
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 637774 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 21-6130 RICHARD & ANN WRIGHT Truss Label: PB13	Cust: R 215 JRef: 1Xa92150006 T52 / DrwNo: 309.21.1155.49815 / YK 11/05/2021
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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: 20.97 ft TCDL: 5.0 psf BCDL: 2.0 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): 0.001 G 999 240 VERT(CL): 0.003 G 999 180 HORZ(LL): 0.001 G - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.182 Max BC CSI: 0.050 Max Web CSI: 0.101 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 6 /0 /- /33 /36 /44 B* 72 /- /- /46 /25 /- I 6 /0 /- /7 /10 /- K /-125 Wind reactions based on MWFRS A Brg Wid = 5.9 Min Req = 1.5 B Brg Wid = 173 Min Req = - I Brg Wid = 5.9 Min Req = 1.5 Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

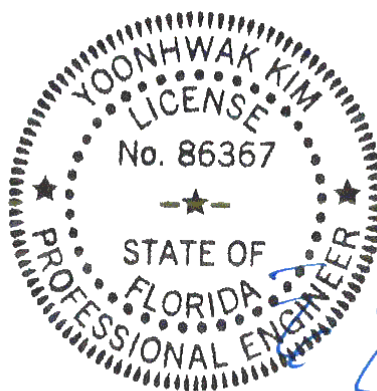
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 1-8-3.



FL REG# 278, Yoonhwak Kim, FL PE #86367
11/05/2021

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

Gable Stud Reinforcement Detail

ASCE 7-16: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

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

Or: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00

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

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

Bracing Group Species and Grades:

Group A:			
Spruce-Pine-Fir		Hem-Fir	
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard
Douglas Fir-Larch		Southern Pine***	
#3		#3	
Stud		Stud	
Standard		Standard	

Group B:			
Hem-Fir			
#1 & Btr			
#1			
Douglas Fir-Larch		Southern Pine***	
#1		#1	
#2		#2	

1x4 Braces shall be SRB (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 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

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

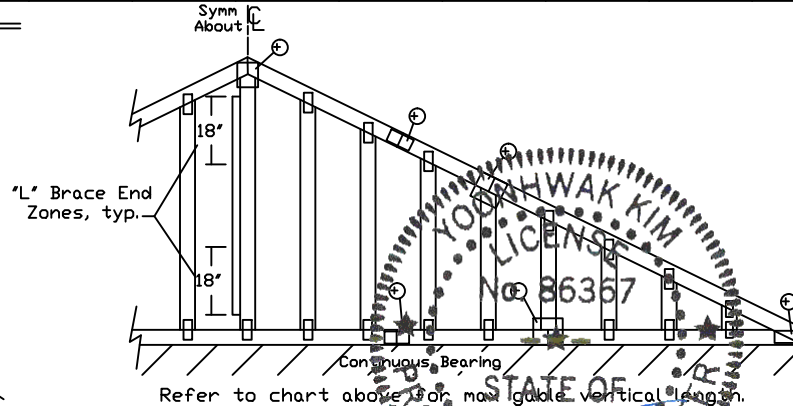
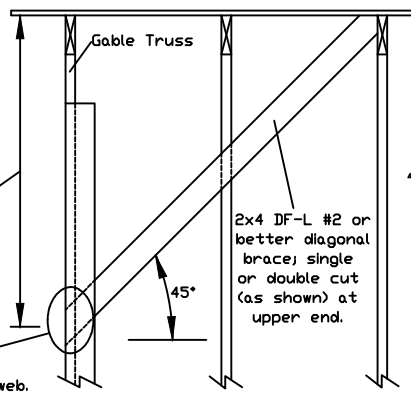
+ Refer to common truss design for peak, splice, and heel plates.

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

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.



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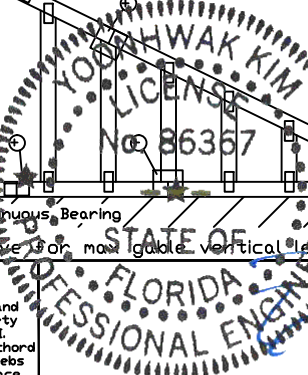
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For more information see this job's general notes page and these web sites:
 ALPINE: www.alpineitw.com; TPI: www.tpinet.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org



514 Earth City Expressway
 Suite 242
 Earth City, MO 63045



MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-16-GAB14015

DATE 01/26/2018

DRWG A14015ENC160118

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

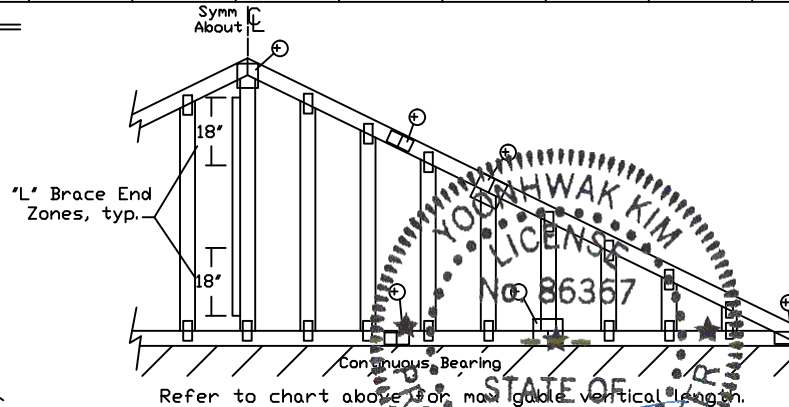
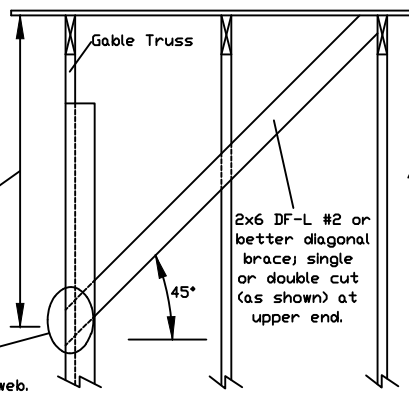
Or: 100 mph wind speed, 30' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length	2x4 Gable Vertical		Brace Grade	No Braces	(1) 1x4 "L" Brace *		(1) 2x4 "L" Brace *		(2) 2x4 "L" Brace **		(1) 2x6 "L" Brace *		(2) 2x6 "L" Brace *	
	Spacing	Species			Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
24" 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"	
		#3	3' 10"	6' 2"	6' 7"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"	14' 0"	
		Stud	3' 10"	6' 2"	6' 6"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"	14' 0"	
		Standard	3' 10"	5' 3"	5' 7"	7' 0"	7' 6"	9' 6"	10' 0"	11' 0"	11' 10"	14' 0"	14' 0"	
		#1	4' 2"	7' 0"	7' 3"	8' 3"	8' 7"	9' 10"	10' 3"	13' 0"	13' 6"	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"	
	DFL	#3	4' 0"	5' 7"	5' 11"	7' 5"	7' 11"	9' 8"	10' 1"	11' 7"	12' 5"	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"	
		Standard	3' 9"	4' 11"	5' 13"	6' 6"	7' 0"	8' 10"	9' 6"	10' 3"	11' 0"	13' 11"	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"	
		#3	4' 5"	7' 6"	8' 3"	9' 3"	9' 7"	11' 0"	11' 6"	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"	
16" O.C.	SPF	Standard	4' 5"	6' 5"	6' 10"	8' 7"	9' 2"	11' 0"	11' 6"	13' 6"	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"	
		#2	4' 8"	7' 11"	8' 3"	9' 4"	9' 9"	11' 2"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"	
	DFL	#3	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"	
		Stud	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	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"	
	SPF	#1 / #2	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	11' 2"	12' 9"	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"	
		Stud	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	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"	
		#1	5' 4"	8' 10"	9' 2"	10' 5"	10' 10"	12' 5"	12' 11"	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"	
DFL	#3	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	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"		
	Standard	4' 10"	6' 11"	7' 4"	9' 3"	9' 10"	12' 2"	12' 8"	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 525# at each end. Max web total length is 14'.

Vertical length shown in table above.

Connect diagonal at midpoint of vertical web.



Bracing Group Species and Grades:

Group A:			
Spruce-Pine-Fir		Hem-Fir	
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard
Douglas Fir-Larch		Southern Pine***	
#3	Stud	#3	Stud
	Standard		Standard

Group B:			
Hem-Fir			
#1 & Btr	#1		
Douglas Fir-Larch		Southern Pine***	
#1	#2	#1	#2

1x4 Braces shall be SRB (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 100 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 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	
Vertical Length	No Splice
Less than 4' 0"	2X4
Greater than 4' 0", but less than 11' 6"	3X4
Greater than 11' 6"	4X4
+ Refer to common truss design for peak, splice, and heel plates.	

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



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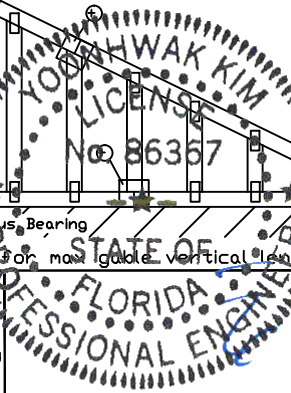
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MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-16-GAB14030

DATE 01/26/2018

DRWG A14030ENC160118

CLR Reinforcing Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

Notes:

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

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

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

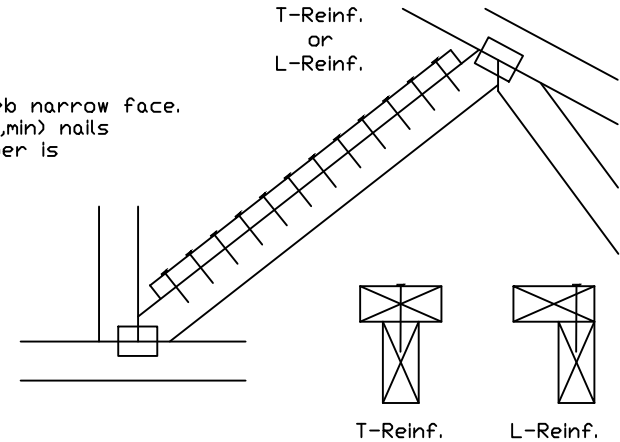
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(X)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(X)

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

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

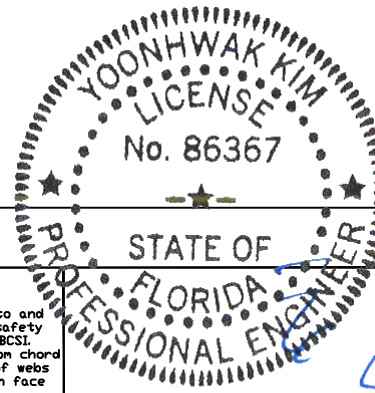
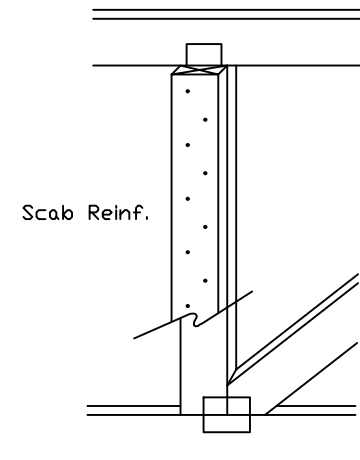
T-Reinforcement or L-Reinforcement:

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



Scab Reinforcement:

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



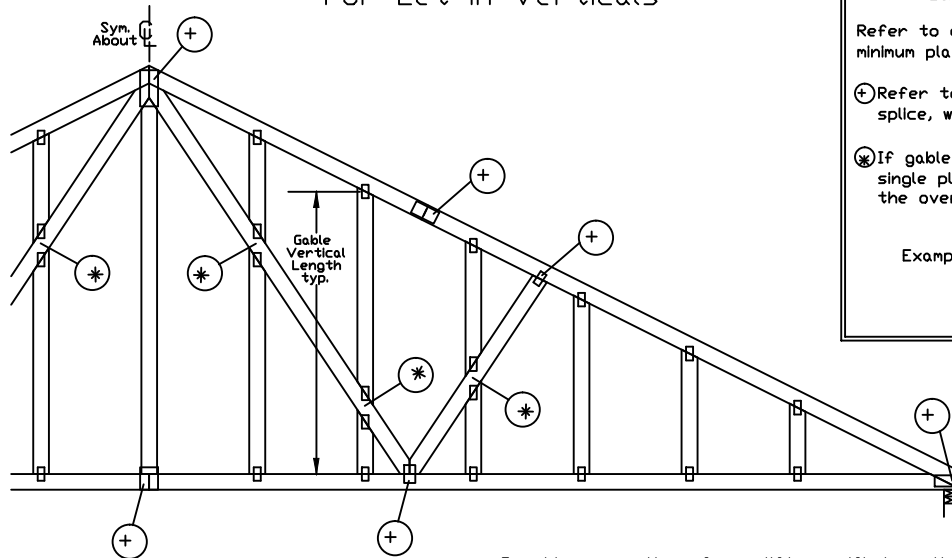
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TC LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	01/02/19
BC DL	PSF	DRWG	BRCLBSUB0119
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

11/5/2021, Yoonhwak Kim, FL PE #86367

Gable Detail For Let-in Verticals

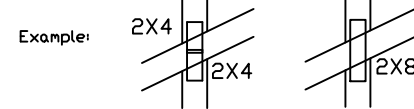


Gable Truss Plate Sizes

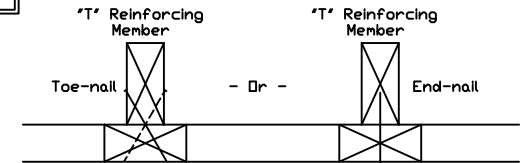
Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

⊕ 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.



"T" Reinforcement Attachment Detail



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.

Web Length Increase w/ "T" Brace

"T" Reinf. Mbr. 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

(1) 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", min) Nails at 4' o.c. plus
(4) nails in the top and bottom chords.

Toenailed Nails:

10d Common (0.148"x 3", min) 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.

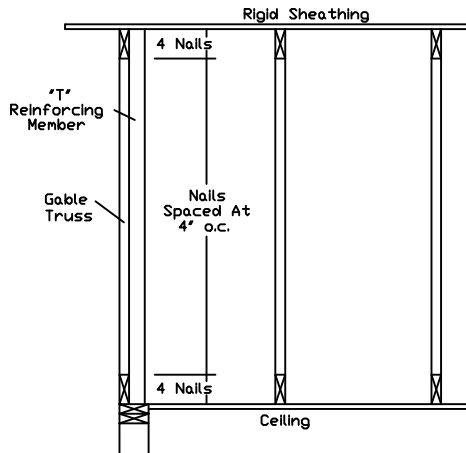
ASCE 7-05 Gable Detail Drawings

A13015051014, A12015051014, A11015051014, A10015051014, A14015051014,
A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

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

A11515ENC100118, A12015ENC100118, A14015ENC100118, A10015ENC100118,
A18015ENC100118, A20015ENC100118, A20015END100118, A20015P100118,
A11530ENC100118, A12030ENC100118, A14030ENC100118, A10030ENC100118,
A18030ENC100118, A20030ENC100118, A20030END100118, A20030P100118,
S11515ENC100118, S12015ENC100118, S14015ENC100118, S16015ENC100118,
S18015ENC100118, S20015ENC100118, S20015END100118, S20015P100118,
S11530ENC100118, S12030ENC100118, S14030ENC100118, S16030ENC100118,
S18030ENC100118, S20030ENC100118, S20030END100118, S20030P100118

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



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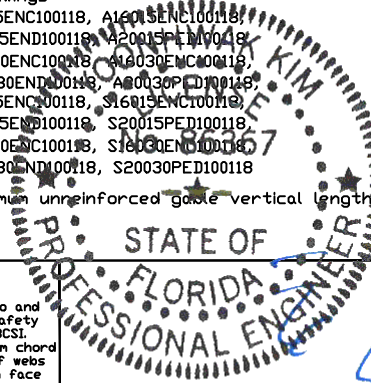
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Yoonhwak Kim, FL PE #86367

REF LET-IN VERT

DATE 01/02/2018

DRWG GBLLETIN0118

MAX. TOT. LD. 60 PSF

DUR. FAC. ANY

MAX. SPACING 24.0"

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

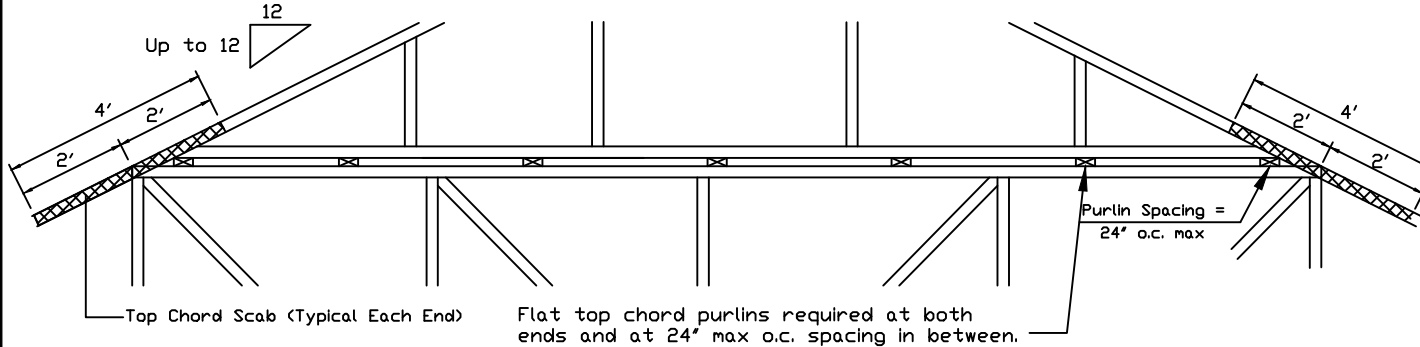
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-16, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-16, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

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

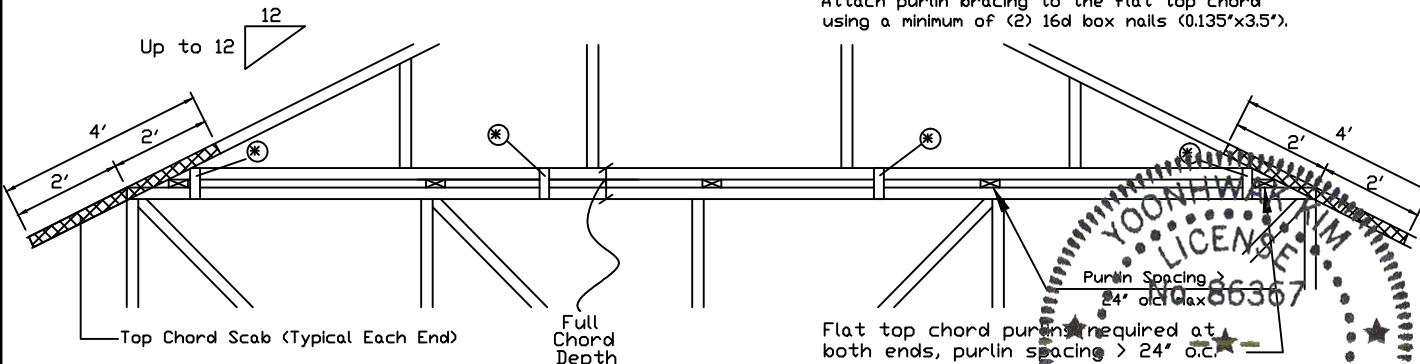


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulox plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

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



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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

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

Trulox Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.
APA Rated Gusset 8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.
2x4 Vertical Scabs 2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.
28PB Wave Piggyback Plate One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.

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

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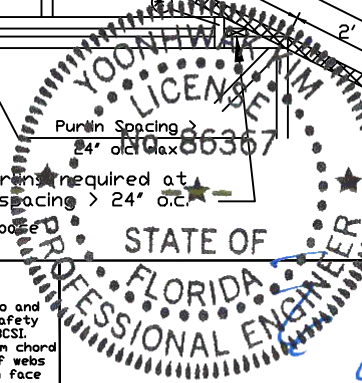
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REF PIGGYBACK
DATE 01/02/2018
DRWG PB160160118

SPACING 24.0"