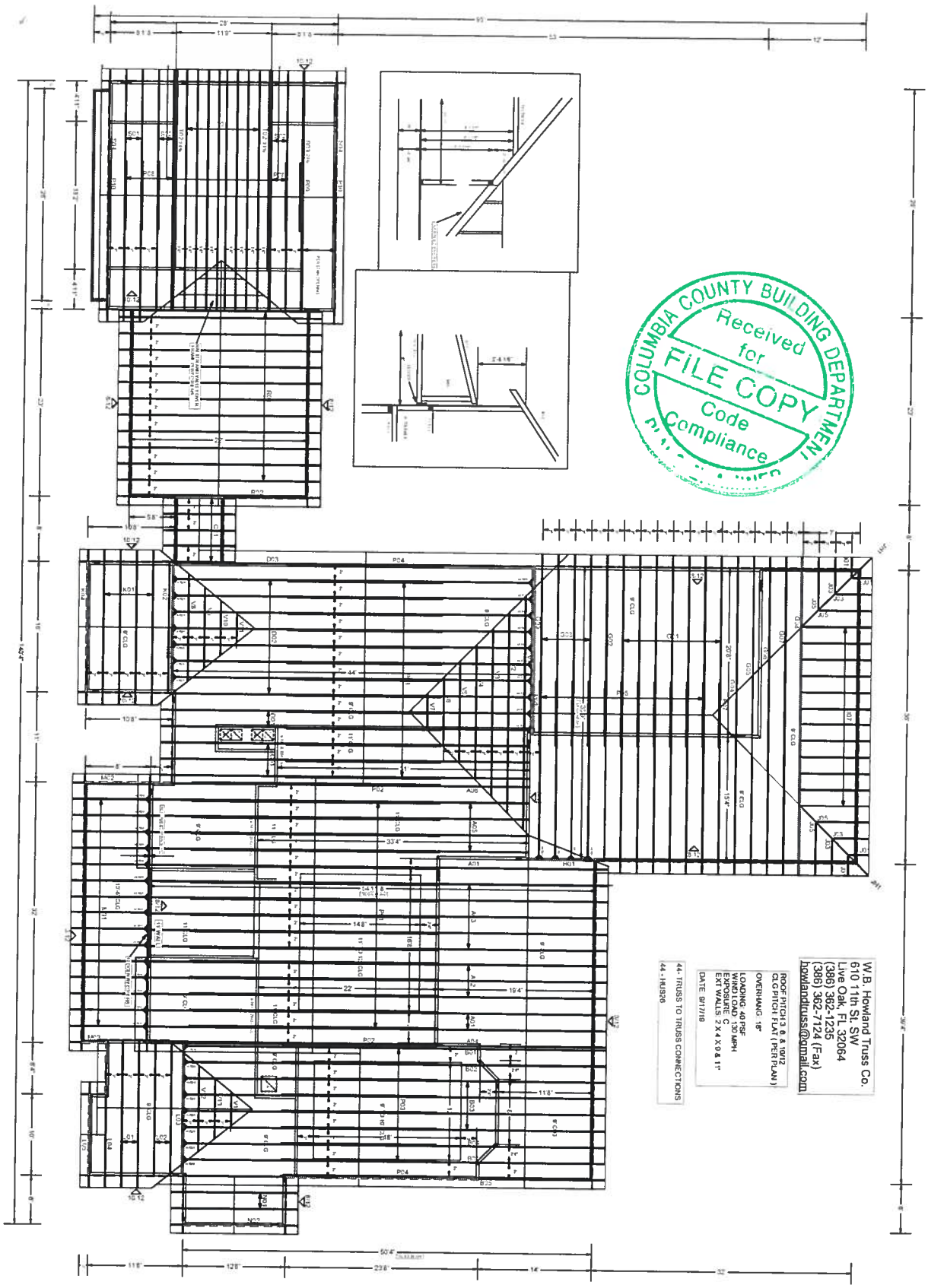

W.B. Howland Truss Co.
610 11th St. SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)
howlandtruss@gmail.com

ROOF PITCH 3.8 & 19/12
C.C PITCH FLAT (PER PLAN)
OVERHANG 18"
LOADING 40 PSF
WIND LOAD 130 MPH
EXPOSURE C
EXT WALLS 2 X 4 X 0 & 11"
DATE 9/17/19

44 - TRUSS TO TRUSS CONNECTIONS
44 - HU926

PAGE NO:	JOB NO:	Job Name: MIKE & ANGELA WOOD RES. Customer: Plumb Level Construction Designer: Bob Glover ADDRESS: SALESMAN: BW : <Not Found>	JOB #: 19-3124B	WB HOWLAND
1 OF 1	19-3124B			

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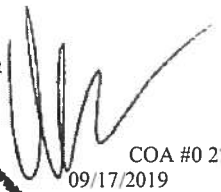
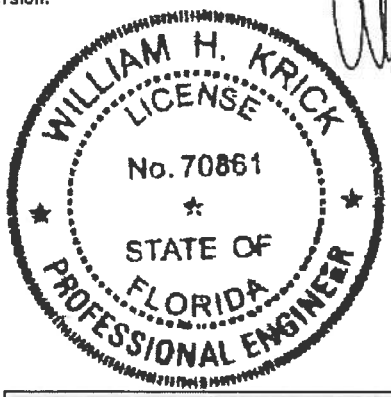


COA #0 278
09/17/2019



ALPINE™
AN ITW COMPANY

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

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	*Job Number:* 19-3124B
Job Description: /MIKE & ANGELA WOOD RES. /Plumb Level Construction	
Address: FL	

Job Engineering Criteria:	
Design Code: FBC 2017 RES	*IntelliVIEW Version:* 18.02.00A through 18.02.01B *JRef #:* 1WOK2150007
Wind Standard: ASCE710 *Wind Speed (mph):* 130 *Building Type:* , Closed, Partial	*Roof Load (psf):* 20.00-10.00- 0.00-10.00 *Floor Load (psf):* None

This package contains general notes pages, 77 truss drawing(s) and 3 detail(s).

Item	Seal #	Truss	Item	Seal #	Truss
1	260.19.1649.50087	A01	2	260.19.1650.05487	A02
3	260.19.1650.12163	A03	4	260.19.1650.17433	A04
5	260.19.1650.25703	A05	6	260.19.1650.36360	A06
7	260.19.1650.43937	B01	8	260.19.1650.56353	B02
9	260.19.1651.01253	B03	10	260.19.1651.06037	B04
11	260.19.1651.20080	B05	12	260.19.1651.38957	C01
13	260.19.1651.43490	D01	14	260.19.1651.47550	D02
15	260.19.1651.50810	D03	16	260.19.1651.53567	G01
17	260.19.1651.56963	G02	18	260.19.1652.09853	G03
19	260.19.1652.12337	G04	20	260.19.1652.18167	G05
21	260.19.1652.20983	G06	22	260.19.1652.24080	G07
23	260.19.1652.31463	G08	24	260.19.1652.47557	G09
25	260.19.1652.56503	H01	26	260.19.1652.58700	J01
27	260.19.1653.00250	J03	28	260.19.1653.01577	J05
29	260.19.1653.03127	J07	30	260.19.1653.08390	JH1
31	260.19.1653.13840	K01	32	260.19.1653.15323	K02
33	260.19.1653.26947	K03	34	260.19.1653.31910	K04
35	260.19.1653.33967	L01	36	260.19.1653.35627	L02
37	260.19.1654.00880	L03	38	260.19.1654.06073	L04
39	260.19.1654.09737	L05	40	260.19.1654.11283	M01
41	260.19.1654.14187	M02	42	260.19.1654.15890	M03
43	260.19.1654.17787	N01	44	260.19.1654.22360	N02
45	260.19.1654.29710	P01	46	260.19.1654.32283	P02
47	260.19.1654.43927	P03	48	260.19.1654.46433	P04
49	260.19.1654.49333	P05	50	260.19.1654.53253	P06
51	260.19.1654.56670	P07	52	260.19.1654.58563	P08

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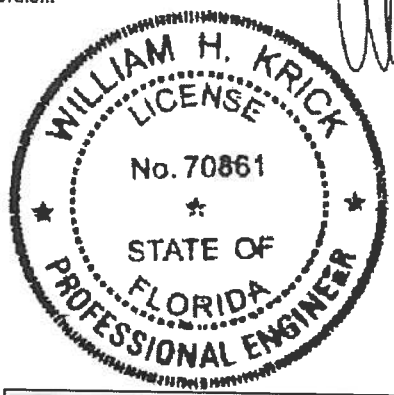

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6750 Forum Drive, Suite 305
Orlando, FL 32821
Phone: (800)755-6001
www.alpineitw.com

Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	*Job Number:* 19-3124B
Job Description: /MIKE & ANGELA WOOD RES. /Plumb Level Construction	
Address: FL	

Item	Seal #	Truss
53	260.19.1655.02980	P09
55	260.19.1655.07513	Q01
57	260.19.1655.16607	R02
59	260.19.1655.44753	S02
61	260.19.1656.14807	S04
63	260.19.1656.21040	T02
65	260.19.1656.25160	V10
67	260.19.1656.28080	V12
69	260.19.1656.30890	V14
71	260.19.1656.33630	V3
73	260.19.1656.36747	V5
75	260.19.1656.39213	V7
77	260.19.1656.43820	V9
79	PB160101014	

Item	Seal #	Truss
54	260.19.1655.05077	P10
56	260.19.1655.12253	R01
58	260.19.1655.24387	S01
60	260.19.1655.50910	S03
62	260.19.1656.17380	T01
64	260.19.1656.23580	V1
66	260.19.1656.26677	V11
68	260.19.1656.29533	V13
70	260.19.1656.32370	V2
72	260.19.1656.35087	V4
74	260.19.1656.38077	V6
76	260.19.1656.40550	V8
78	BRCLBSUB0119	
80	VAL160101014	

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 AF&PA. 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.

General Notes (continued)

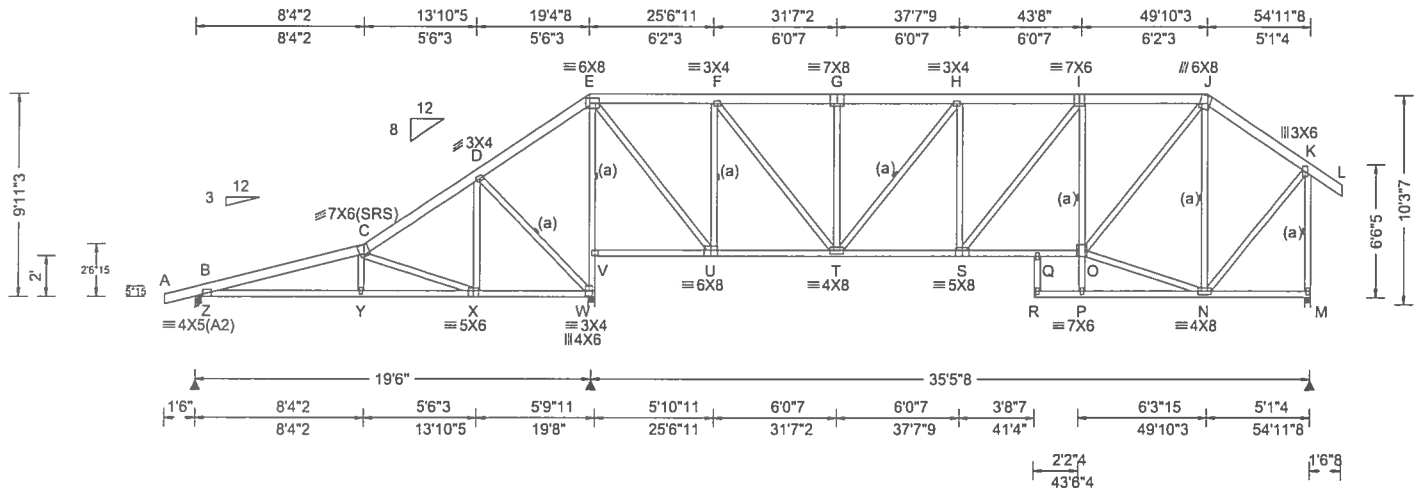
Key to Terms:
Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written 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.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
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.
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 immediate vertical Deflection, 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(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. AF&PA: American Forest & Paper Association, 1111 19th Street, NW, Suite 800, Washington, DC 20036; www.afandpa.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 13723 Riverport Drive, Suite 200, Maryland Heights, MO 63043; www.alpineitw.com.
4. TPI: Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, VA 22314; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.co

SEQN: 652538 SPEC FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** A01	Cust: R 215 JRef:1WOK2150007 T14 DrwNo: 260.19.1649.50087 GA / WHK 09/17/2019	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.083 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.167 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.043 U - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.087 U - -
NCBCLL: 10.00	Mean Height: 19.04 ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.158
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.612
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.849
	C&C Dist a: 5.50 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 18.02.01B.0321.08
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Z	873	/-	/-	/497	/159	/485
W	2344	/-	/-	/1688	/103	/-
M	1574	/-	/-	/987	/1	/-

Wind reactions based on MWFRS
Z Brg Width = 3.5 Min Req = 1.5
W Brg Width = 4.0 Min Req = 2.8
M Brg Width = 3.5 Min Req = 1.9
Bearings Z, W, & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	340	-1784	G - H	365	-1581
C - D	360	-775	H - I	345	-1752
D - E	472	-405	I - J	301	-1564
E - F	185	-979	J - K	131	-954
F - G	310	-1581			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Y	1683	-472	T - S	1758	-70
Y - X	1674	-473	S - Q	1574	-89
X - W	515	-178	Q - O	1566	-88
U - T	1023	-73			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - X	329	-1234	F - T	921	-28
X - D	592	-106	I - O	47	-624
D - W	277	-833	O - N	745	-50
E - V	207	-1637	O - J	1324	-62
E - U	1651	-131	N - J	92	-940
W - V	199	-1694	N - K	1124	-76
U - F	123	-1165	K - M	158	-1472

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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.

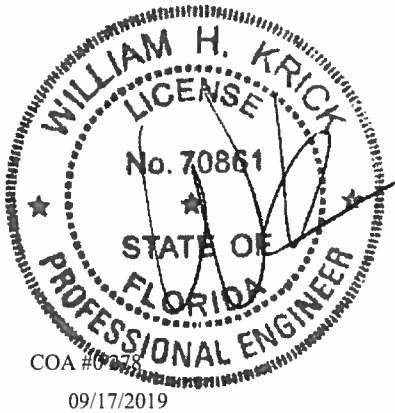
Additional Notes

Refer to General Notes for additional information

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 9-11-3.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



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09/17/2019

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

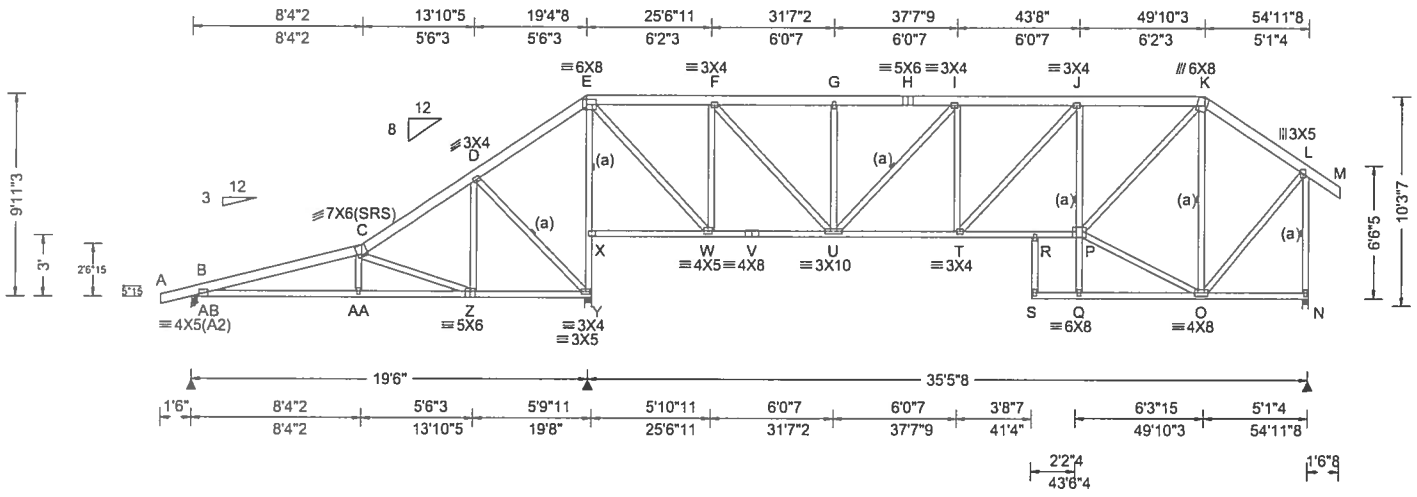
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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 this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 652540 SPEC FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** A02	Cust: R 215 JRef: 1WOK2150007 T65 DrwNo: 260.19.1650.05487 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category:
EXP: C Kzt: NA
Mean Height: 0.00 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: 0.00

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.094	I	999	240
VERT(CL): 0.190	I	999	180
HORZ(LL): -0.049	W	-	-
HORZ(TL): 0.098	W	-	-

Creep Factor: 2.0
Max TC CSI: 0.158
Max BC CSI: 0.644
Max Web CSI: 0.898

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AB	884	/-	/-	/-	/-	/-
Y	2257	/-	/-	/-	/-	/-
N	1442	/-	/-	/-	/-	/-

Wind reactions based on MWFRS
AB Brg Width = 3.5 Min Req = 1.5
Y Brg Width = 4.0 Min Req = 2.7
N Brg Width = 3.5 Min Req = 1.7
Bearings AB, Y, & N are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1825	H - I	0	-1759
C - D	0	-760	I - J	0	-1943
E - F	0	-1093	J - K	0	-1741
F - G	0	-1759	K - L	0	-910
G - H	0	-1759			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AA	1723	0	V - U	1141	0
AA- Z	1714	0	U - T	1950	0
Z - Y	543	0	T - R	1752	0
W - V	1141	0	R - P	1746	0

Maximum Web Forces Per Ply (lbs)

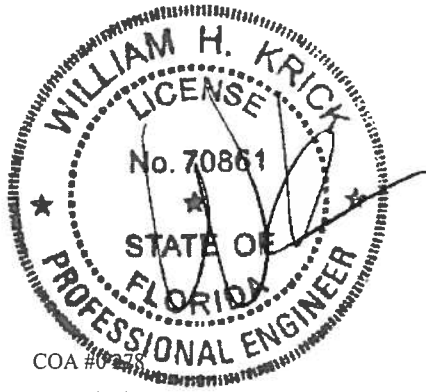
Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Z	0	-1246	F - U	925	0
Z - D	592	0	J - P	0	-581
D - Y	0	-839	P - O	752	0
E - X	0	-1545	P - K	1514	0
E - W	1669	0	O - K	0	-1013
Y - X	0	-1600	O - L	1067	0
W - F	0	-1101	L - N	0	-1405

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

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

Plating Notes
All plates are 2X4 except as noted.

Additional Notes
Refer to General Notes for additional information
Right end vertical not designed to be exposed to wind pressure.
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 9-11-3.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



COA #0775
09/17/2019

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

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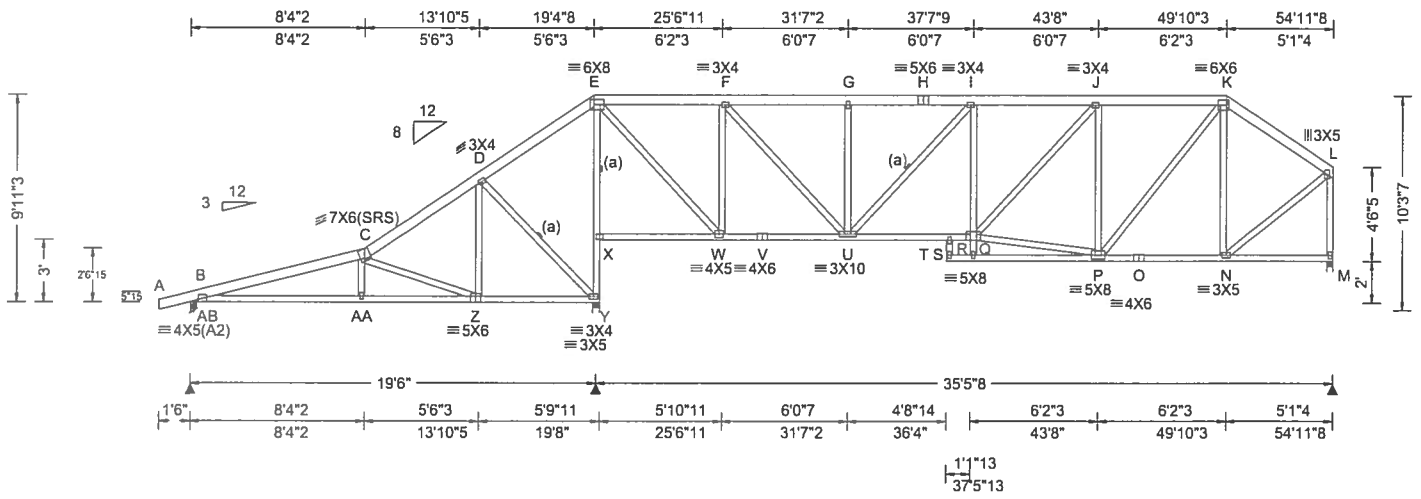
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 652542 SPEC FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** A03	Cust: R 215 JRef: 1WOK2150007 T16 DrwNo: 260.19.1650.12163 GA / WHK 09/17/2019	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.090 I 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.182 I 999 180
BCDL: 10.00	Risk Category:	Snow Duration: NA	HORZ(LL): -0.047 W - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.095 W - -
NCBCLL: 0.00	Mean Height: 0.00 ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.158
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.786
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.957
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	VIEW Ver: 18.02.01B.0321.08
	GCpi: 0.18	WAVE	
	Wind Duration: 0.00		

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AB	885 /-	/-	/-	/-	/-
Y	2256 /-	/-	/-	/-	/-
M	1443 /-	/-	/-	/-	/-

Wind reactions based on MWFRS
AB Brg Width = 3.5 Min Req = 1.5
Y Brg Width = 4.0 Min Req = 2.7
M Brg Width = 3.5 Min Req = 1.7
Bearings AB, Y, & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1827	H - I	0	-1753
C - D	0	-761	I - J	0	-1974
E - F	0	-1096	J - K	0	-1485
F - G	0	-1753	K - L	0	-1112
G - H	0	-1753			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AA	1725	0	U - S	1981	0
AA- Z	1716	0	S - Q	1934	0
Z - Y	544	0	P - O	865	0
W - V	1144	0	O - N	865	0
V - U	1144	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Z	0	-1246	Q - J	697	0
Z - D	592	0	Q - P	1455	0
D - Y	0	-839	J - P	0	-884
E - X	0	-1547	P - K	977	0
E - W	1672	0	K - N	0	-574
Y - X	0	-1599	N - L	1110	0
W - F	0	-1089	L - M	0	-1403
F - U	911	0			

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

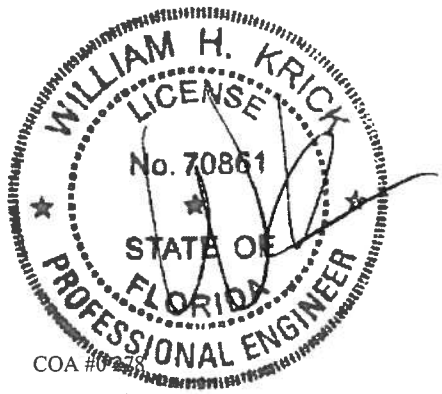
Additional Notes

Refer to General Notes for additional information

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 9-11-3.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



COA #0[illegible]

09/17/2019

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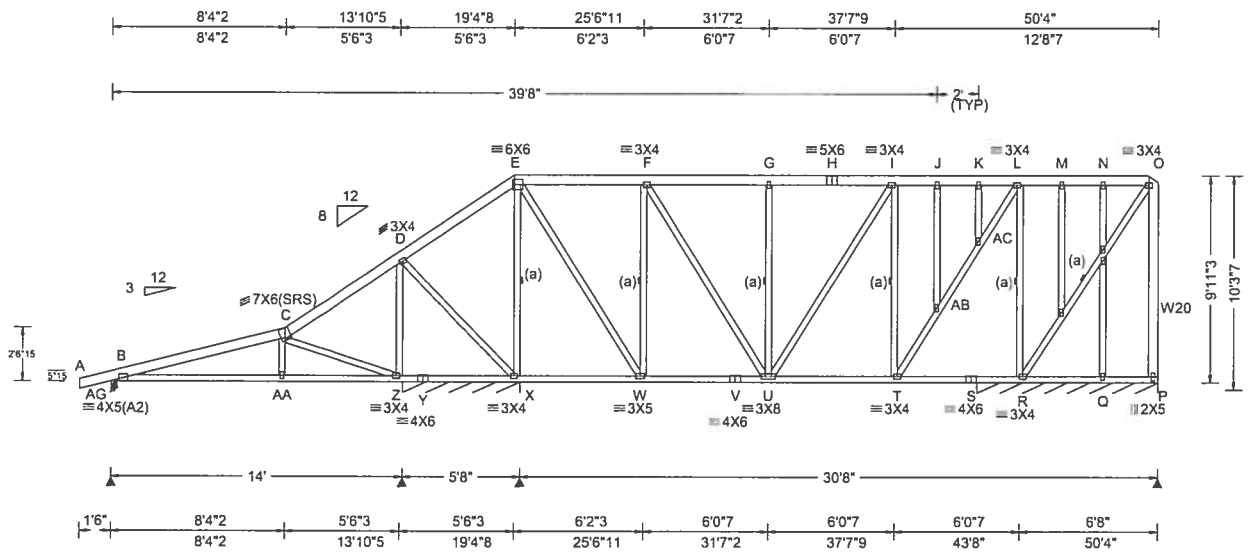
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652544 COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** A04	Cust: R 215 JRef:1WOK2150007 T13 DrwNo: 260.19.1650.17433 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category:
EXP: C Kzt: NA
Mean Height: 0.00 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: 0.00

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.033	G	999	240
VERT(CL): 0.066	G	999	180
HORZ(LL): 0.007	Z	-	-
HORZ(TL): 0.014	Z	-	-

Creep Factor: 2.0
Max TC CSI: 0.151
Max BC CSI: 0.405
Max Web CSI: 0.740

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AG 602	/-	/-	/-	/-	/-
Z* 390	/-	/-	/-	/-	/-
P* 159	/-	/-	/-	/-	/-
P	/-199				

Wind reactions based on MWFRS
AG Brg Width = 3.5 Min Req = 1.5
Z Brg Width = 68.0 Min Req = -
P Brg Width = 104 Min Req = -
Bearings AG, Z, & S are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-790	D - E	722	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AA	724	0	X - W	0	-536
AA- Z	713	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Z	0	-901	I - T	0	-474
D - X	0	-592	T -AB	667	0
E - X	0	-1552	AB-AC	676	0
E - W	1063	0	AC- L	676	0
W - F	0	-776	L - R	0	-900
F - U	418	0			

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:W20 2x6 SP 2400f-2.0E:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

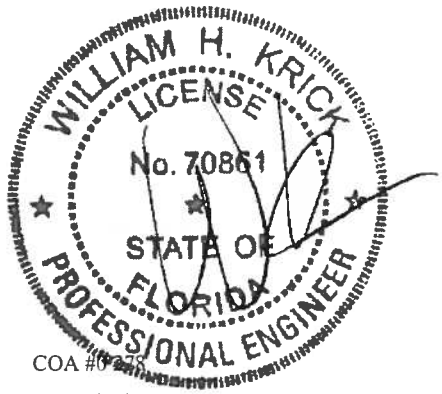
Additional Notes

Refer to General Notes for additional information

Right end vertical not designed to be exposed to wind pressure.

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 9-11-3.



COA #0[illegible]

09/17/2019

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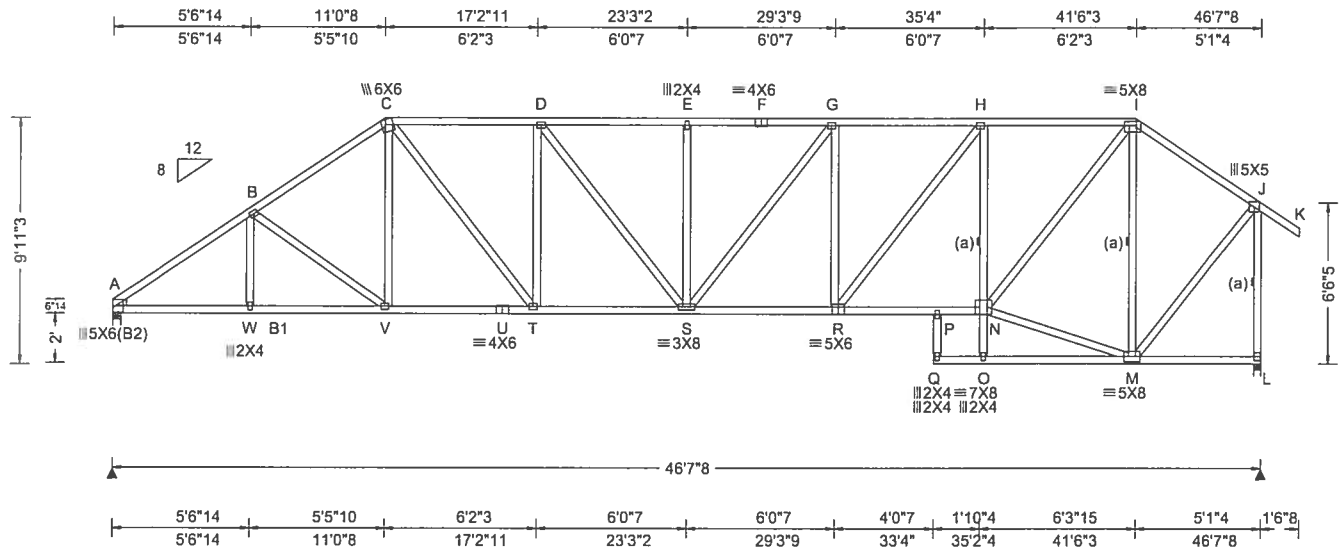
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652546 SPEC FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** A05	Cust: R 215 JRef: 1WOK2150007 T8 DrwNo: 260.19.1650.25703 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category:
EXP: C Kzt: NA
Mean Height: 0.00 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: 0.00

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.228	E	999	240
VERT(CL): 0.474	E	999	180
HORZ(LL): 0.101	M	-	-
HORZ(TL): 0.210	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.752
Max BC CSI: 0.841
Max Web CSI: 0.778

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1960	/-	/-	/-	/-	/-
L	2065	/-	/-	/-	/-	/-

Wind reactions based on MWFRS
A Brg Width = 4.0 Min Req = 1.6
L Brg Width = 3.5 Min Req = 2.4
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-3009	F - G	0	-3008
B - C	0	-2717	G - H	0	-2787
C - D	0	-2788	H - I	0	-2247
D - E	0	-3008	I - J	0	-1236
E - F	0	-3008			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - W	2399	0	T - S	2812	0
W - V	2399	0	S - R	2811	0
V - U	2186	0	R - P	2266	0
U - T	2186	0	P - N	2250	0

Maximum Web Forces Per Ply (lbs)

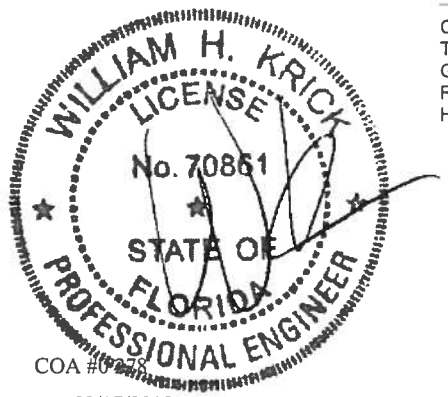
Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	969	0	N - M	966	0
T - D	0	-648	N - I	2043	0
G - R	0	-636	M - I	0	-1309
R - H	866	0	M - J	1485	0
H - N	0	-1094	J - L	0	-2029

Lumber
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
:B1 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:Lt Wedge 2x4 SP #3:

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

Plating Notes
All plates are 3X4 except as noted.

Additional Notes
Refer to General Notes for additional information
Right end vertical not designed to be exposed to wind pressure.
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 7-11-3.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



COA #0278
09/17/2019

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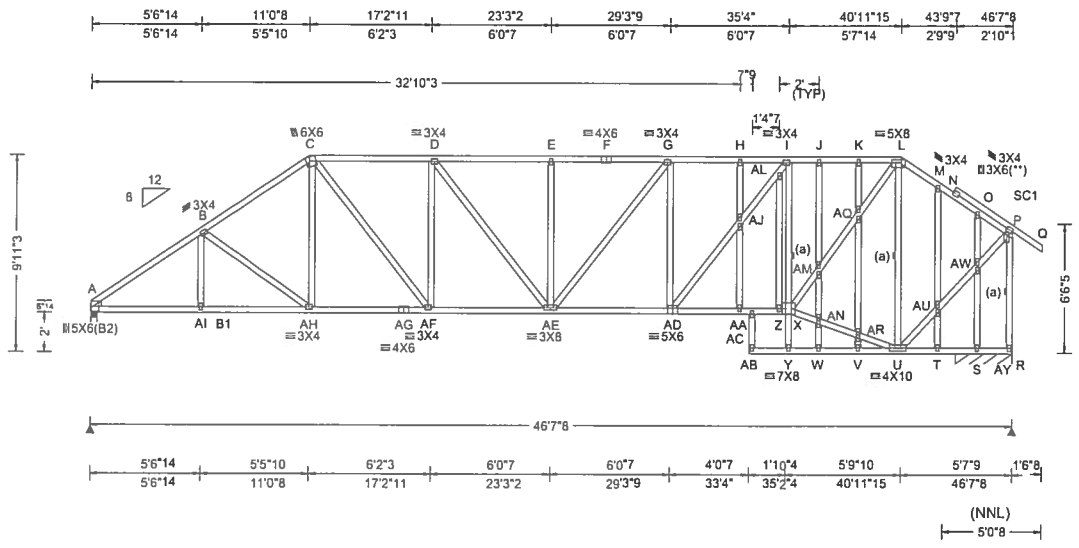
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652548 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** A06	Cust: R 215 JRef:1WOK2150007 T49 DrwNo: 260.19.1650.36360 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category:
EXP: C Kzt: NA
Mean Height: 0.00 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: 0.00

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.218	E	999	240
VERT(CL): 0.454	E	999	180
HORZ(LL): 0.097	S	-	-
HORZ(TL): 0.203	S	-	-

Creep Factor: 2.0
Max TC CSI: 0.740
Max BC CSI: 0.852
Max Web CSI: 0.978

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1932	/-	/-	/-	/-	/-
AY	*728	/-	/-	/-	/-	/-
S		/-106				

Wind reactions based on MWFRS
A Brg Width = 4.0 Min Req = 1.6
AY Brg Width = 34.5 Min Req = -
Bearings A & T 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	-2964	I - J	0	-2113
B - C	0	-2669	J - K	0	-2113
C - D	0	-2727	K - L	0	-2113
D - E	0	-2925	L - M	0	-1156
E - F	0	-2925	M - N	0	-1052
F - G	0	-2925	N - O	0	-1090
G - H	0	-2683	O - P	0	-1059
H - I	0	-2683			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A -AI	2362	0	AE-AD	2706	0
AI-AH	2362	0	AD-AC	2134	0
AH-AG	2146	0	AC-AA	2134	0
AG-AF	2146	0	AA- Z	2125	0
AF-AE	2750	0	Z - X	2131	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C -AF	935	0	AM-AQ	2032	0
AF- D	0	-618	AN-AR	929	0
E -AE	0	-383	AQ- L	2044	0
G -AD	0	-607	AR- U	908	0
AD-AJ	907	0	U - L	0	-1110
AJ-AL	980	0	U -AU	1295	0
AL- I	732	0	AU-AW	1287	0
I - X	0	-676	AW- P	1261	0
X -AM	2012	0	P - R	0	-1666
X -AN	935	0			

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
:B1 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2::Lt Wedge 2x4 SP #3:

Bracing

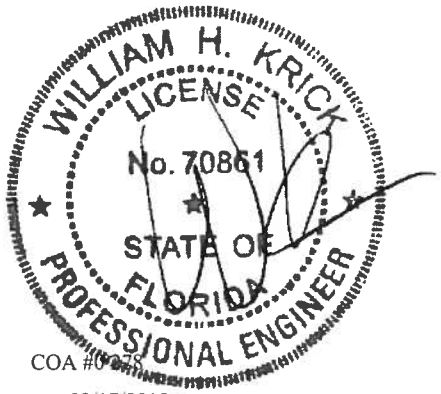
(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



COA #0778

09/17/2019

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

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ANITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

Additional Notes

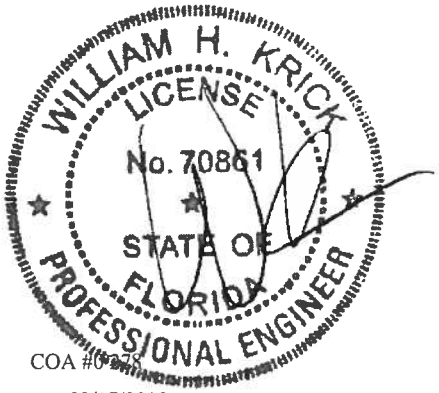
Refer to General Notes for additional information

Right end vertical not designed to be exposed to wind pressure.

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.

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 7-11-3.



COA #0[illegible]

09/17/2019

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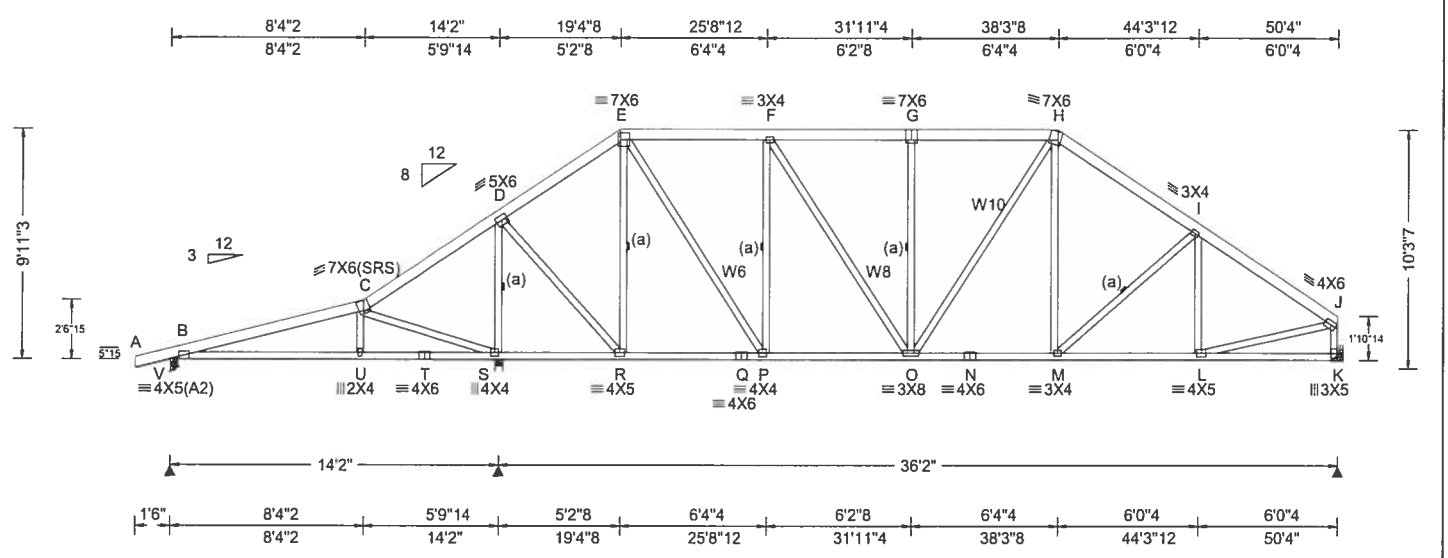
SEQN: 652550 COMN FROM: CDM Page 1 of 2	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** B01	Cust: R 215 JRef:1WOK2150007 T62 DrwNo: 260.19.1650.43937 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.12 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 5.03 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.076	G	999	240
VERT(CL): 0.139	G	999	180
HORZ(LL): 0.034	K	-	-
HORZ(TL): 0.063	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.148
Max BC CSI: 0.741
Max Web CSI: 0.644

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
V	526	/-	/-	/258	/123	/428
S	2668	/-	/-	/1475	/353	/-
K	1730	/-	/-	/958	/207	/-

Wind reactions based on MWFRS
V Brg Width = 3.5 Min Req = 1.5
S Brg Width = 4.0 Min Req = 2.8
K Brg Width = - Min Req = -
Bearings V & S 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	307	-517	F - G	496	-1725
C - D	500	-240	G - H	448	-1726
D - E	205	-992	H - I	393	-1986
E - F	396	-1444	I - J	356	-2083

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - U	458	-231	P - O	1468	-43
U - T	449	-232	O - N	1561	-75
T - S	449	-232	N - M	1561	-75
R - Q	745	-108	M - L	1665	-219
Q - P	745	-108			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	583	-831	F - O	480	-180
S - D	436	-2215	G - O	98	-385
D - R	1535	-168	H - M	394	-118
E - R	145	-940	L - J	1691	-220
E - P	1279	-146	J - K	298	-1684
P - F	142	-814			

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:W6, W8, W10 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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

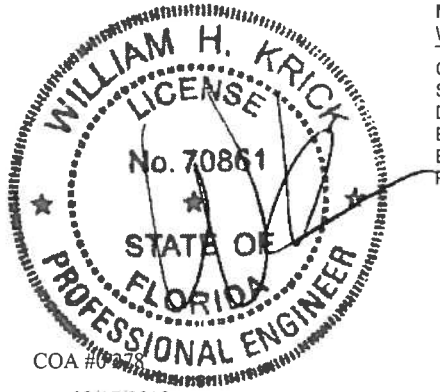
Bearing at location x=50'1" uses the following support conditions: 50'1"
Bearing K (50'1", 9') HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

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.



COA #[illegible]
09/17/2019

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Suite 305
Orlando FL, 32821

SEQN: 652550 COMN FROM: CDM Page 2 of 2	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** B01	Cust: R 215 JRef: 1WOK2150007 T62 DrwNo: 260.19.1650.43937 GA / WHK 09/17/2019

Additional Notes

Refer to General Notes for additional information

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 9-11-3.

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

COA #[illegible]

09/17/2019

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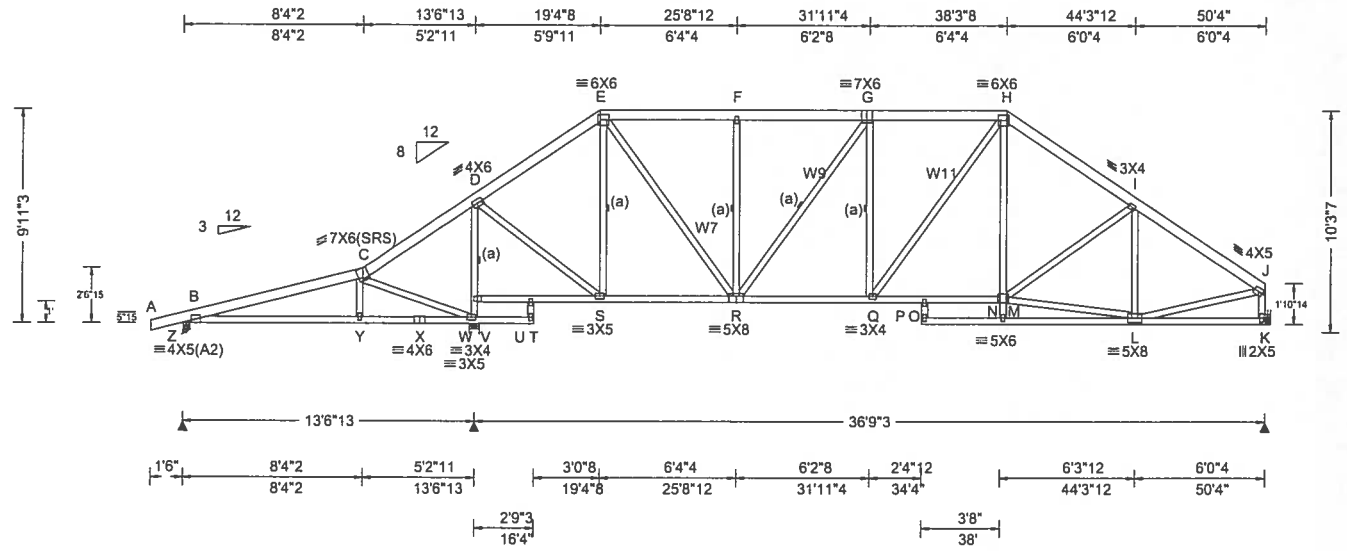
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652552 COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** B02	Cust: R 215 JRef:1WOK2150007 T7 DrwNo: 260.19.1650.56353 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.12 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 5.03 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.059	G	999	240
VERT(CL): 0.123	G	999	180
HORZ(LL): 0.025	K	-	-
HORZ(TL): 0.060	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.150
Max BC CSI: 0.608
Max Web CSI: 0.561

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Z	596	/-	/-	/338	/165	/428
W	2191	/-	/-	/1487	/310	/-
K	1532	/-	/-	/1004	/222	/-

Wind reactions based on MWFRS
Z Brg Width = 3.5 Min Req = 1.5
W Brg Width = 5.7 Min Req = 2.2
K Brg Width = - Min Req = -
Bearings Z & W 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	453	-809	F - G	419	-1462
C - D	536	-393	G - H	445	-1653
D - E	267	-1144	H - I	347	-1901
E - F	417	-1463	I - J	290	-1832

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Y	704	-311	R - Q	1656	-108
Y - X	694	-312	Q - O	1498	-94
X - W	694	-312	O - M	1475	-91
S - R	867	-49			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - W	395	-875	F - R	76	-393
W - V	263	-1760	M - H	439	-99
V - D	265	-1748	M - L	1435	-174
D - S	1194	-50	I - L	96	-478
E - S	53	-632	L - J	1473	-179
E - R	1008	-117	J - K	232	-1482

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:W7, W9, W11 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

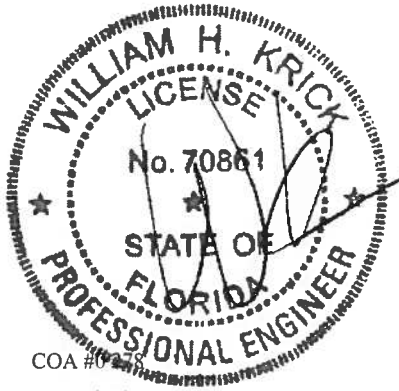
Additional Notes

Refer to General Notes for additional information

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 9-11-3.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



COA #0[illegible]8

09/17/2019

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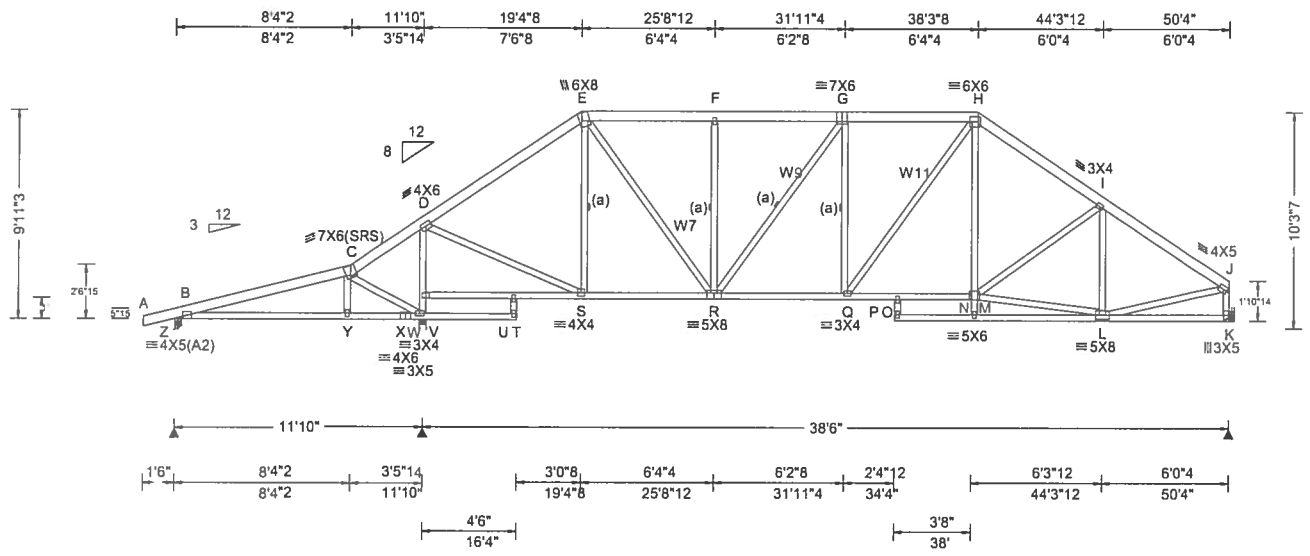
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652554 COMN FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** B03	Cust: R 215 JRef: 1WOK2150007 T63 DrwNo: 260.19.1651.01253 GA / WHK 09/17/2019	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.066 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.162 U 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.034 K - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.074 K - -
NCBCLL: 10.00	Mean Height: 17.12 ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.153
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.639
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.595
	C&C Dist a: 5.03 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 6.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 18.02.01B.0321.08
	Wind Duration: 1.60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Z	539	/-	/-	/309	/162	/428
W	2176	/-	/-	/1462	/320	/-
K	1607	/-	/-	/1037	/230	/-

Wind reactions based on MWFRS
Z Brg Width = 3.5 Min Req = 1.5
W Brg Width = 4.0 Min Req = 2.2
K Brg Width = - Min Req = -
Bearings Z & W 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	484	-702	F - G	442	-1676
C - D	521	-409	G - H	463	-1813
D - E	275	-1520	H - I	361	-2031
E - F	440	-1677	I - J	301	-1930

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Y	497	-212	R - Q	1819	-127
Y - X	489	-213	Q - O	1606	-106
X - W	489	-213	O - M	1582	-102
S - R	1152	-56			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - W	296	-677	M - H	438	-99
W - V	295	-1750	M - L	1516	-183
V - D	297	-1735	I - L	100	-513
D - S	1306	-67	L - J	1557	-189
E - S	62	-407	J - K	238	-1557
E - R	882	-97			

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:W7, W9, W11 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Additional Notes

Refer to General Notes for additional information

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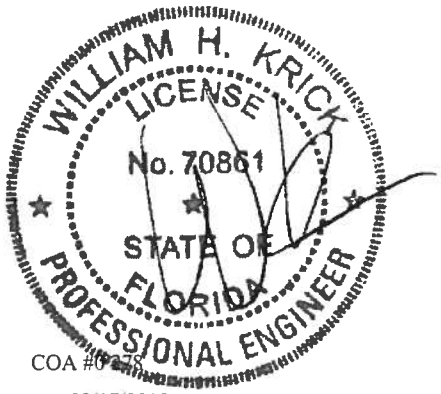
The overall height of this truss excluding overhang is 9-11-3.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



COA #0778

09/17/2019

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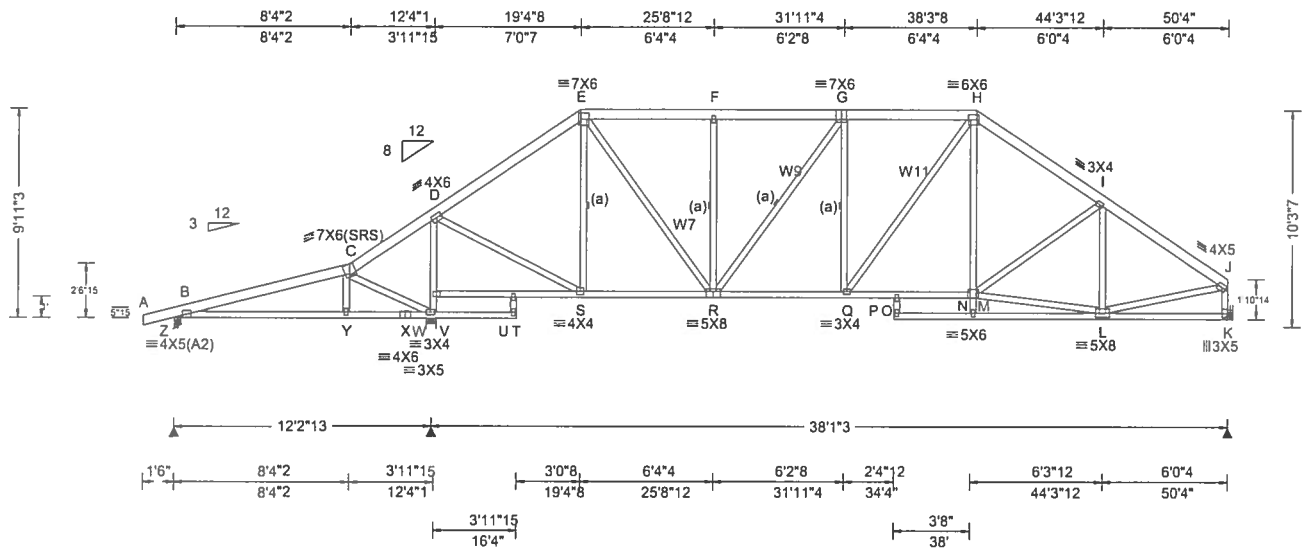
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652556 COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** B04	Cust: R 215 JRef: 1WOK2150007 T17 DrwNo: 260.19.1651.06037 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.12 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 5.03 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.064	G	999	240
VERT(CL): 0.129	U	999	180
HORZ(LL): 0.032	K	-	-
HORZ(TL): 0.070	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.153
Max BC CSI: 0.605
Max Web CSI: 0.791

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Z	556	/-	/-	/318	/163	/428
W	2179	/-	/-	/1469	/317	/-
K	1586	/-	/-	/1027	/228	/-

Wind reactions based on MWFRS
Z Brg Width = 3.5 Min Req = 1.5
W Brg Width = 5.7 Min Req = 2.2
K Brg Width = - Min Req = -
Bearings Z & W 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	509	-733	F - G	531	-1614
C - D	526	-403	G - H	531	-1767
D - E	368	-1410	H - I	453	-1994
E - F	519	-1615	I - J	397	-1902

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Y	557	-425	R - Q	1772	-121
Y - X	549	-425	Q - O	1575	-127
X - W	549	-425	O - M	1551	-123
S - R	1070	-93			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - W	557	-732	F - R	88	-379
W - V	377	-1753	M - H	438	-121
V - D	379	-1737	M - L	1493	-249
D - S	1271	-125	I - L	128	-503
E - S	83	-473	L - J	1532	-255
E - R	918	-103	J - K	327	-1535

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:W7, W9, W11 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Additional Notes

Refer to General Notes for additional information

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 9-11-3.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

COA #[illegible]

09/17/2019

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AN ITW COMPANY
6750 Forum Drive
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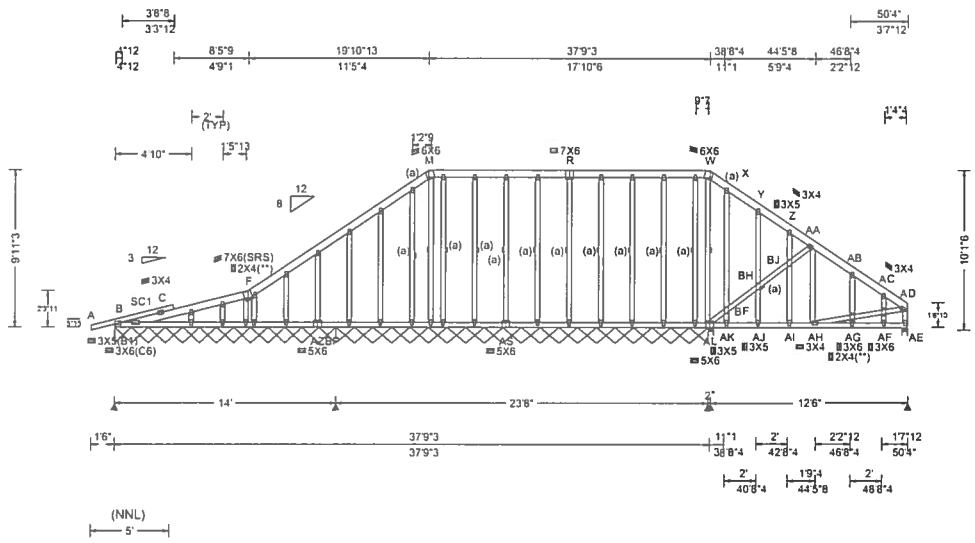
SEQN: 652559 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** B05	Cust: R 215 JRef:1WOK2150007 T10 DrwNo: 260.19.1651.20080 GA / WHK 09/17/2019	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.12 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 5.03 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 **Code / Misc Criteria** Bldg Code: FBC 2017 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): 0.020 AJ 999 240 VERT(CL): 0.041 AJ 999 180 HORZ(LL): -0.011 Y - - HORZ(TL): 0.022 Y - - Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.282 Max Web CSI: 0.267 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	86	/-	/-	/48	/-	/12
BP*	83	/-	/-	/50	/4	/-
AL	688	/-	/-	/458	/-	/-
AE	473	/-	/-	/331	/-	/-

Wind reactions based on MWFRS
B Brg Width = 167 Min Req = -
BP Brg Width = 283 Min Req = -
AL Brg Width = 4.0 Min Req = 1.5
AE Brg Width = 4.0 Min Req = 1.5
Bearings B, BP, AL, & AE are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AB-AC	0	-424	AC-AD	0	-467

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-BF	0	-504	BH-BJ	0	-480
BF-BH	0	-494	BJ-AA	0	-492

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
AD-AE	0	-434

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

Loading

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.

COA #0778

09/17/2019

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SEQN: 652559 GABL FROM: CDM Page 2 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** B05	Cust: R 215 JRef: 1WOK2150007 T10 DrwNo: 260.19.1651.20080 GA / WHK 09/17/2019

Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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.

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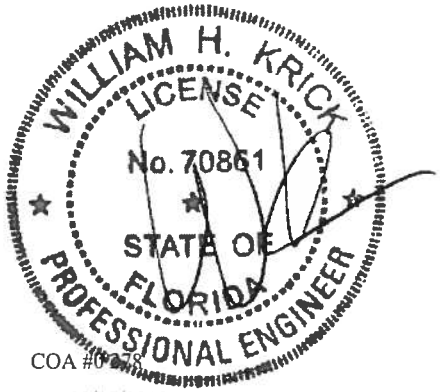
The overall height of this truss excluding overhang is 9-11-3.



COA #0778

09/17/2019

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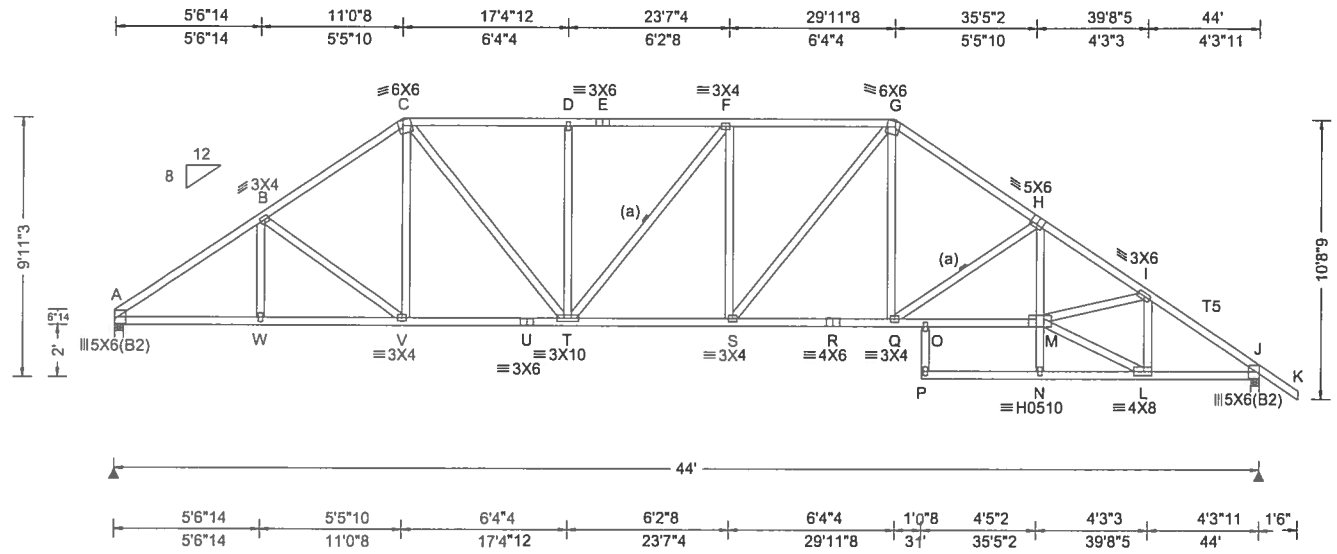
Orlando FL, 32821

SEQN: 652561 COMN FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** C01	Cust: R 215 JRef: 1WOK2150007 T20 DrwNo: 260.19.1651.38957 GA / WHK 09/17/2019	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.74 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
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.204	F	999	240
VERT(CL): 0.425	F	999	180
HORZ(LL): 0.108	L	-	-
HORZ(TL): 0.224	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.705
Max BC CSI: 0.523
Max Web CSI: 0.929

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1847	/-	/-	/1120	/-	/437
J	1954	/-	/-	/1260	/-	/-

Wind reactions based on MWFRS
A Brg Width = 4.0 Min Req = 1.5
J Brg Width = 4.0 Min Req = 1.6
Bearings A & 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	365	-2822	F - G	465	-2657
B - C	358	-2523	G - H	405	-2885
C - D	439	-2561	H - I	515	-4102
D - E	462	-2560	I - J	386	-2789
E - F	493	-2560			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - W	2246	-221	S - R	2320	-59
W - V	2246	-222	R - Q	2320	-59
V - U	2024	-116	Q - O	3370	-260
U - T	2024	-116	O - M	3355	-258
T - S	2667	-61	L - J	2210	-228

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - V	383	-87	Q - H	246	-1284
C - T	838	-35	H - M	1096	-106
D - T	67	-393	M - L	2439	-251
S - G	533	-73	M - I	1224	-37
G - Q	742	-115	L - I	145	-1192

Lumber

Top chord 2x4 SP #2
:T5 2x4 SP 2400f-2.0E:
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 7-11-3.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

COA #[illegible]

09/17/2019

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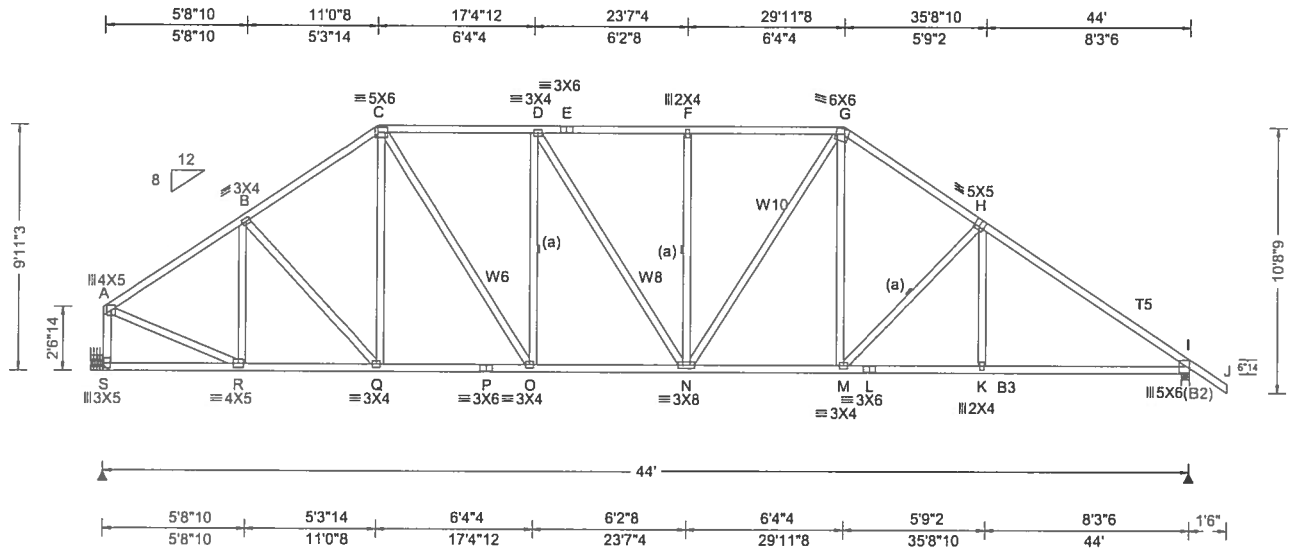
SEQN: 652563 COMN FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** D01	Cust: R 215 JRef: 1WOK2150007 T41 DrwNo: 260.19.1651.43490 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.74 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
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.129	F	999	240
VERT(CL): 0.269	F	999	180
HORZ(LL): 0.056	K	-	-
HORZ(TL): 0.118	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.494
Max BC CSI: 0.677
Max Web CSI: 0.622

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	1845	/-	/-	/1098	/-	/437
I	1956	/-	/-	/1240	/-	/-

Wind reactions based on MWFRS
S Brg Width = - Min Req = -
I Brg Width = 4.0 Min Req = 1.6
Bearing I is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	274	-1921	E - F	473	-2116
B - C	344	-2032	F - G	453	-2117
C - D	430	-2027	G - H	399	-2328
D - E	473	-2116	H - I	385	-2766

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	450	-438	N - M	1845	-46
R - Q	1546	-253	M - L	2163	-180
Q - P	1606	-163	L - K	2163	-180
P - O	1606	-163	K - I	2164	-180
O - N	2043	-72			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - S	254	-1797	F - N	68	-400
A - R	1632	-170	N - G	492	-90
R - B	85	-510	G - M	486	-125
C - O	776	-56	M - H	196	-464
O - D	67	-525			

Lumber

Top chord 2x4 SP #2
:T5 2x4 SP 2400f-2.0E:
Bot chord 2x4 SP #2
:B3 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:W6, W8, W10 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Wind

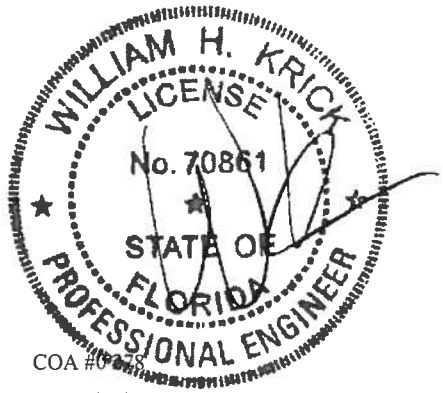
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-11-3.



COA #[illegible]

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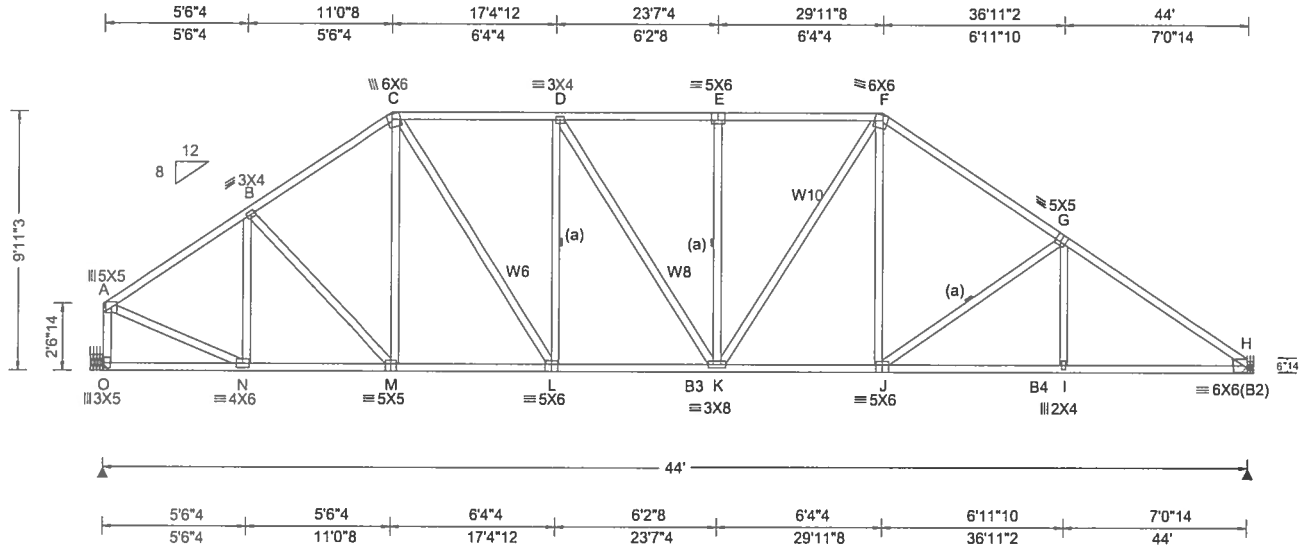
Orlando FL, 32821

SEQN: 652788 COMN FROM: CDM Page 1 of 2	Ply: 1 Qty: 8	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** D02	Cust: R 215 JRef: 1WOK2150007 T43 DrwNo: 260.19.1651.47550 GA / WHK 09/17/2019	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.41 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
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.190	E	999	240
VERT(CL): 0.343	E	999	180
HORZ(LL): 0.081	I	-	-
HORZ(TL): 0.147	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.905
Max BC CSI: 0.758
Max Web CSI: 0.751

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	2177	/-	/-	/1096	/-	/417
H	2166	/-	/-	/1143	/-	/-

Wind reactions based on MWFRS
O Brg Width = - Min Req = -
H Brg Width = - Min Req = -
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	283	-2291	E - F	462	-2613
B - C	356	-2464	F - G	396	-2883
C - D	445	-2499	G - H	407	-3363
D - E	490	-2612			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	430	-400	K - J	2296	-89
N - M	1857	-218	J - I	2678	-252
M - L	1965	-127	I - H	2679	-251
L - K	2516	-111			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	261	-2137	E - K	61	-377
A - N	1970	-179	K - F	574	-101
N - B	89	-594	F - J	615	-110
C - L	983	-59	J - G	224	-472
L - D	69	-567			

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
:B3, B4 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:W6, W8, W10 2x4 SP #2:
:Rt Wedge 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

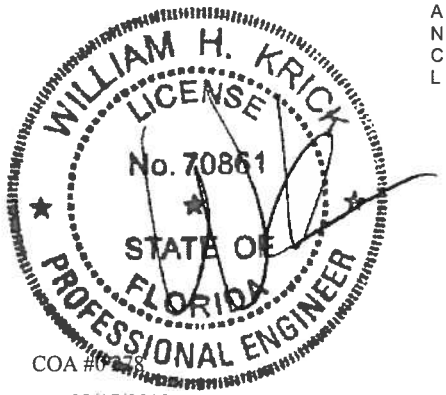
Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-11-3.



COA #6478

09/17/2019

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

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

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

ALPINE
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6750 Forum Drive
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Orlando FL, 32821

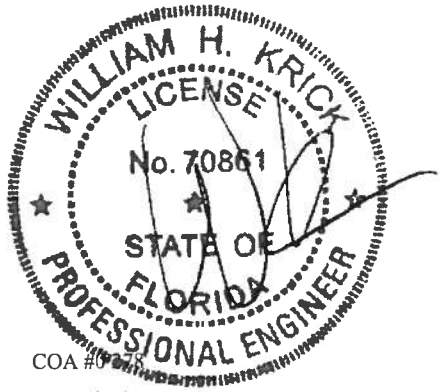
Hangers / Ties

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 connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Additional connection required to evenly distribute hanger reaction throughout all plies of supporting girder.

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 O (0', 9') HUS26
Supporting Member: (4)2x8 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(6) 0.148"x3" nails into supported member.
(J) Hanger Support Required, by others



COA #0778

09/17/2019

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ALPINE
AN ITW COMPANY
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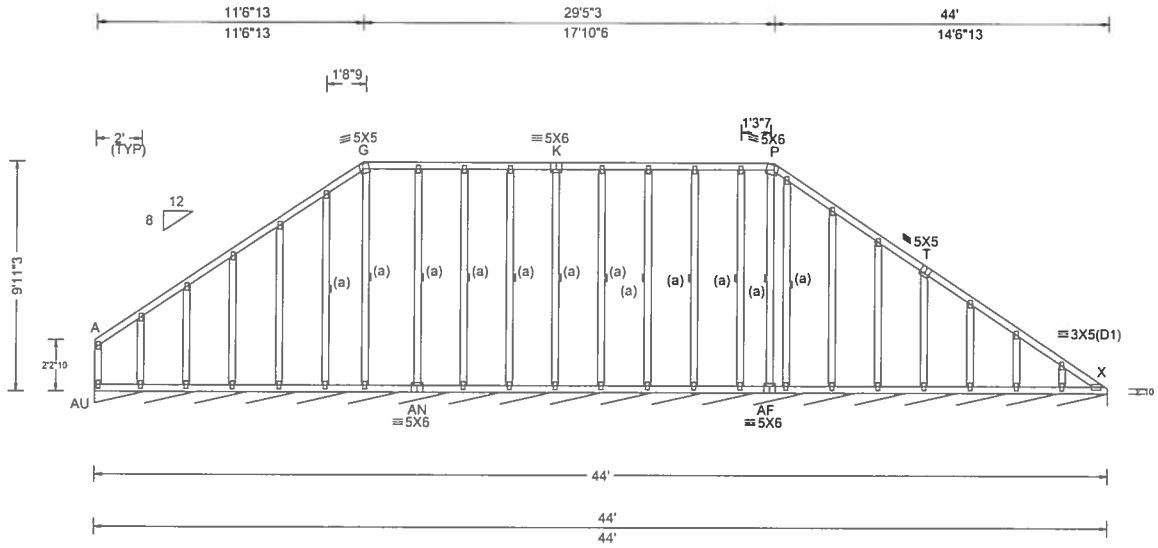
Orlando FL, 32821

SEQN: 624160 GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** D03		Cust: R 215 JRef: 1WOK2150007 T19 DrwNo: 260.19.1651.50810 GA / WHK 09/17/2019



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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.41 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 GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA **Code / Misc Criteria** Bldg Code: FBC 2017 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 H 999 240 VERT(CL): 0.003 H 999 180 HORZ(LL): -0.009 A - - HORZ(TL): 0.013 A - - Creep Factor: 2.0 Max TC CSI: 0.079 Max BC CSI: 0.043 Max Web CSI: 0.164 VIEW Ver: 18.02.00A.1126.20	Gravity / Non-Gravity Loc R+ / R- / Rh / Rw / U / RL X* 84 /- /- /49 /- /3 Wind reactions based on MWFRS X Brg Width = 527 Min Req = - Bearing AU 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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Wind

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

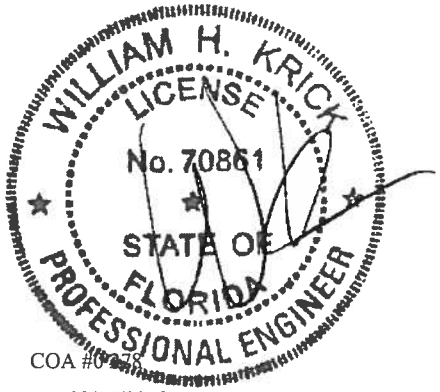
Left end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

The overall height of this truss excluding overhang is 9-11-3.



COA #0778

09/17/2019

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

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ALPINE
AN ITW COMPANY
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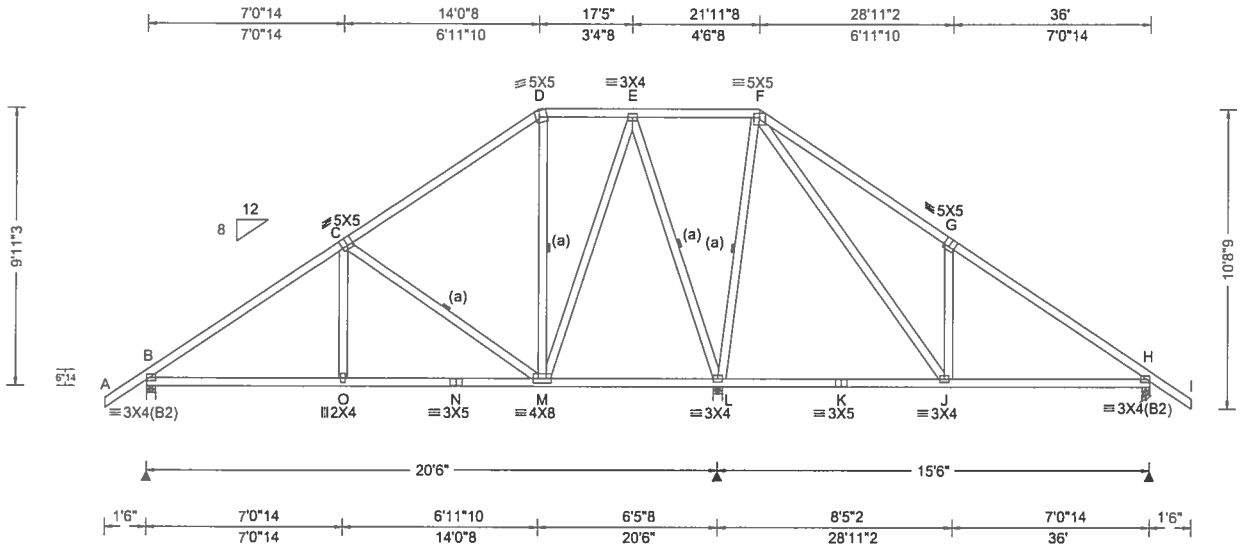
Orlando FL, 32821

SEQN: 652745 COMN FROM: CDM	Ply: 1 Qty: 7	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G01	Cust: R 215 JRef: 1WOK2150007 T52 DrwNo: 260.19.1651.53567 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
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: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.024	O	999	240
VERT(CL): 0.049	O	999	180
HORZ(LL): -0.011	G	-	-
HORZ(TL): 0.019	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.686
Max BC CSI: 0.632
Max Web CSI: 0.733

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	864	/-	/-	/541	/21	/389
L	1947	/-	/-	/1072	/-	/-
H	630	/-	/-	/454	/68	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
L Brg Width = 4.0 Min Req = 1.9
H Brg Width = 3.5 Min Req = 1.5
Bearings B, L, & 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	223	-970	F - G	332	-586
C - D	209	-438	G - H	157	-577

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	707	-263	N - M	705	-264
O - N	705	-264	J - H	386	-15

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	199	-554	L - F	129	-772
M - E	716	-134	F - J	818	-274
E - L	108	-990	J - G	250	-508

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.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-11-3.

COA #0778

09/17/2019

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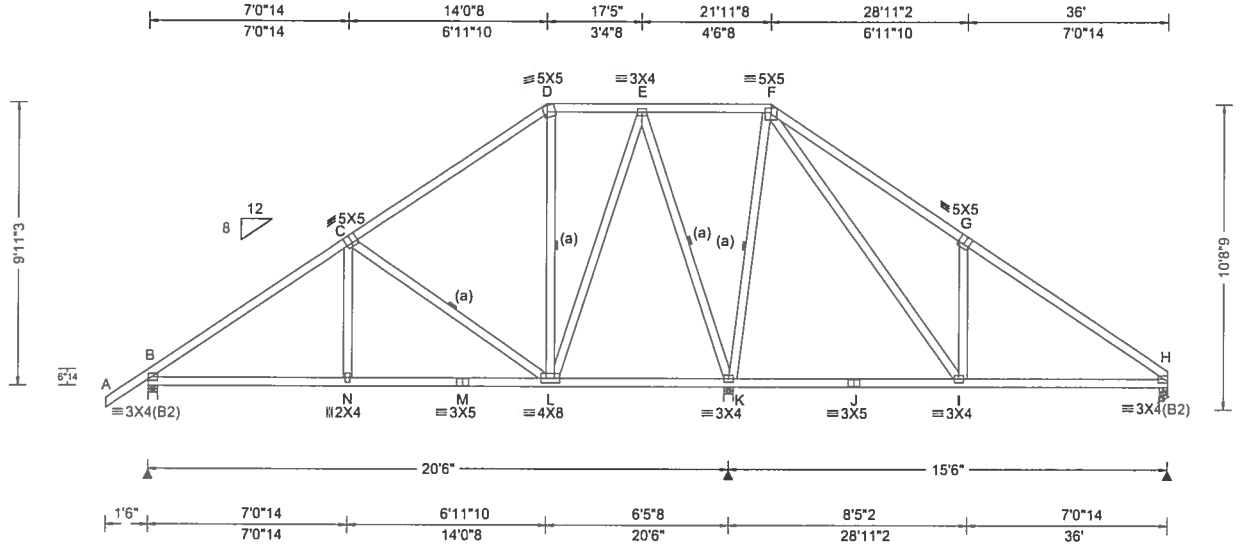
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652751 COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G02		Cust: R 215 JRef:1WOK2150007 T12 DrwNo: 260.19.1651.56963 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
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: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.025	N	999	240
VERT(CL): 0.049	N	999	180
HORZ(LL): -0.011	G	-	-
HORZ(TL): 0.020	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.700
Max BC CSI: 0.642
Max Web CSI: 0.763

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	873	/-	/-	/544	/20	/370
K	1914	/-	/-	/1064	/-	/-
H	544	/-	/-	/373	/56	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
K Brg Width = 4.0 Min Req = 1.9
H Brg Width = 3.5 Min Req = 1.5
Bearings B, K, & 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	231	-982	F - G	346	-639
C - D	218	-461	G - H	168	-625

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	717	-219	M - L	715	-219
N - M	715	-219	I - H	430	-51

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - L	197	-554	K - F	129	-756
L - E	699	-133	F - I	836	-285
E - K	107	-972	I - G	256	-518

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.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 9-11-3.

COA #6275

09/17/2019

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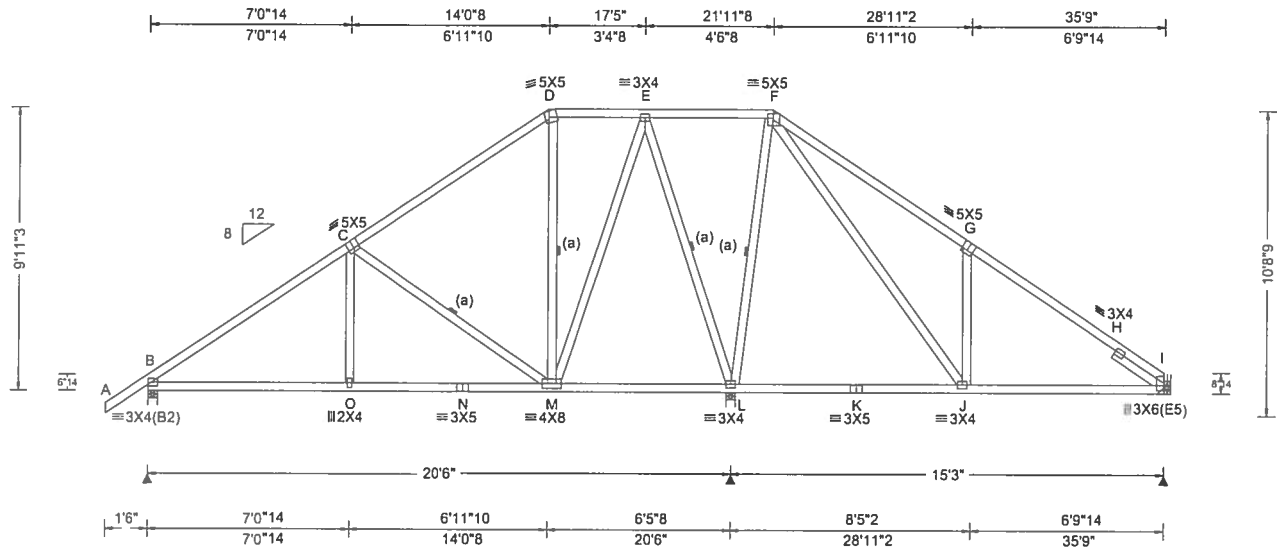
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 652749 COMN FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G03	Cust: R 215 JRef:1WOK2150007 T64 DrwNo: 260.19.1652.09853 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
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: 3.58 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.080	H	999	240
VERT(CL): 0.153	H	999	180
HORZ(LL): -0.051	H	-	-
HORZ(TL): 0.104	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.927
Max BC CSI: 0.626
Max Web CSI: 0.755

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	854	/-	/-	/537	/16	/368
L	1952	/-	/-	/1079	/-	/-
I	515	/-	/-	/339	/53	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
L Brg Width = 4.0 Min Req = 1.9
I Brg Width = - Min Req = -
Bearings B & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	209	-953	G - H	137	-529
C - D	196	-428	H - I	386	-874
F - G	315	-604			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	693	-225	N - M	691	-226
O - N	691	-226	J - I	401	-33

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	198	-555	L - F	144	-776
M - E	719	-144	F - J	823	-283
E - L	119	-993	J - G	251	-508

Lumber
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 2.104'

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

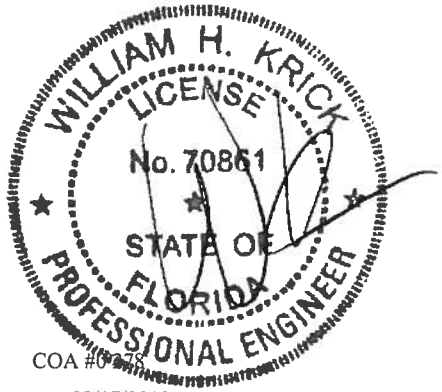
Hangers / Ties
(J) Hanger Support Required, by others

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.

Blocking
Full Height Blocking reinforcement required to prevent buckling of members over the bearings:
bearing 2 located at 20.3'

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 9-11-3.



COA #0778

09/17/2019

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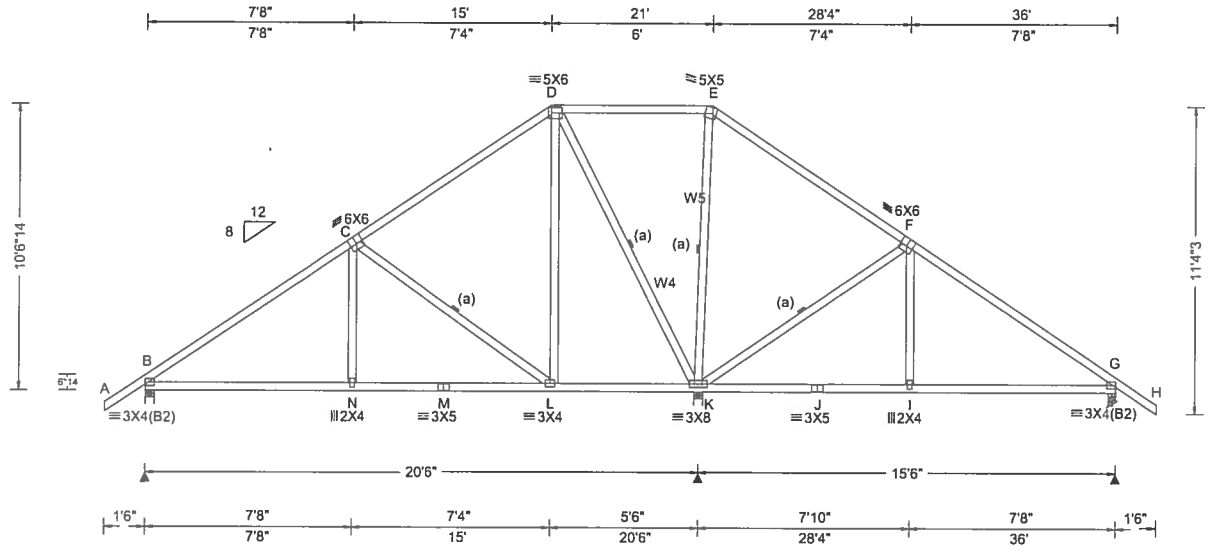
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652747 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G04	Cust: R 215 JRef: 1WOK2150007 T25 DrwNo: 260.19.1652.12337 GA / WHK 09/17/2019	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.022 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.048 N 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.012 I - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.024 I - -
NCBCLL: 10.00	Mean Height: 15.00 ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.994
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.656
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.525
	C&C Dist a: 3.60 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 18.02.01B.0321.08
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	868	/-	/-	/547	/27	/342
K	1790	/-	/-	/1031	/-	/-
G	645	/-	/-	/472	/79	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
K Brg Width = 4.0 Min Req = 1.7
G Brg Width = 3.5 Min Req = 1.5
Bearings B, K, & G are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	245	-961	F - G	168	-585
C - D	227	-386			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	695	-230	K - J	383	-26
N - M	693	-231	J - I	383	-26
M - L	693	-231	I - G	385	-26

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - L	234	-629	K - E	87	-522
D - L	518	-119	K - F	239	-658
D - K	172	-864			

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:W4, W5 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

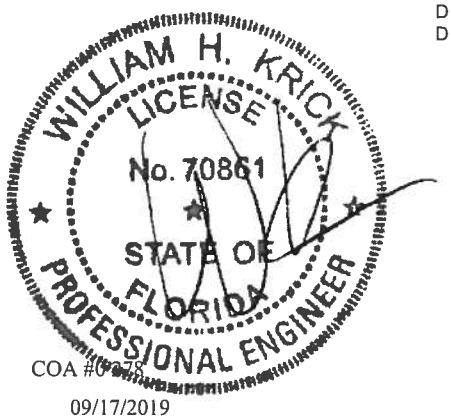
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 10-6-14.



COA #[illegible]

09/17/2019

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ALPINE
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6750 Forum Drive
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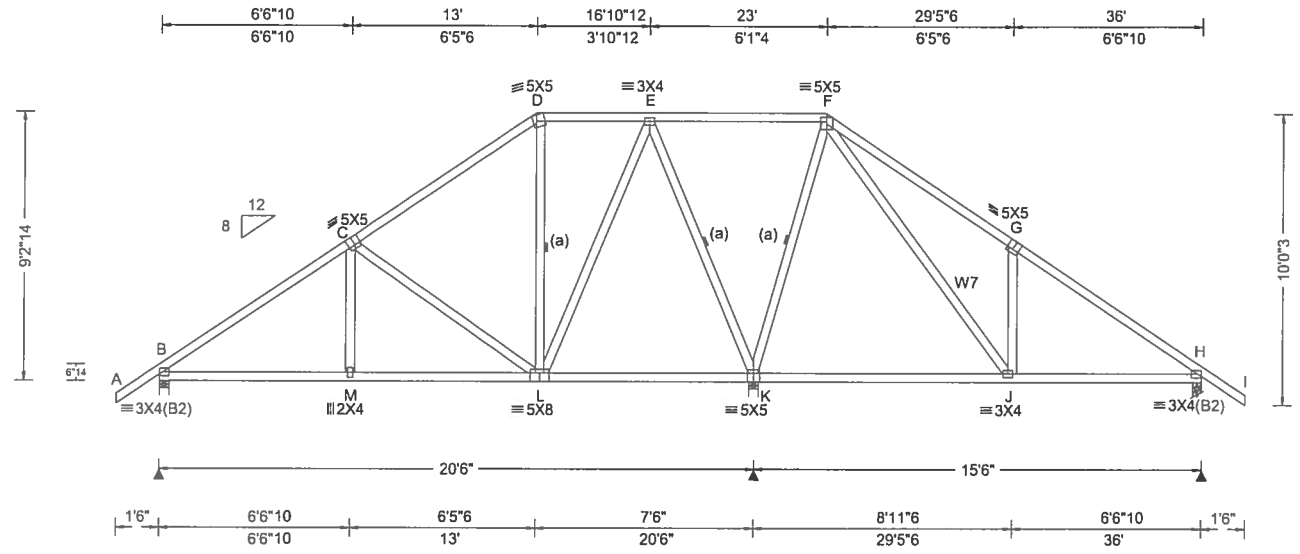
SEQN: 652741 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G05		Cust: R 215 JRef: 1WOK2150007 T24 DrwNo: 260.19.1652.18167 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
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: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.022	M	999	240
VERT(CL): 0.048	M	999	180
HORZ(LL): 0.008	C	-	-
HORZ(TL): 0.018	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.595
Max BC CSI: 0.623
Max Web CSI: 0.625

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	838	/-	/-	/533	/33	/304
K	1892	/-	/-	/1048	/39	/-
H	594	/-	/-	/430	/74	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
K Brg Width = 4.0 Min Req = 2.2
H Brg Width = 3.5 Min Req = 1.5
Bearings B, K, & 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	228	-940	F - G	299	-554
C - D	214	-457	G - H	138	-544
E - F	397	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	688	-222	M - L	686	-223

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - L	191	-507	K - F	196	-809
L - E	614	-103	F - J	772	-269
E - K	255	-1016	J - G	246	-465

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
:W7 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-2-14.

COA #0[illegible]78

09/17/2019

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ALPINE
AN ITW COMPANY
6750 Forum Drive
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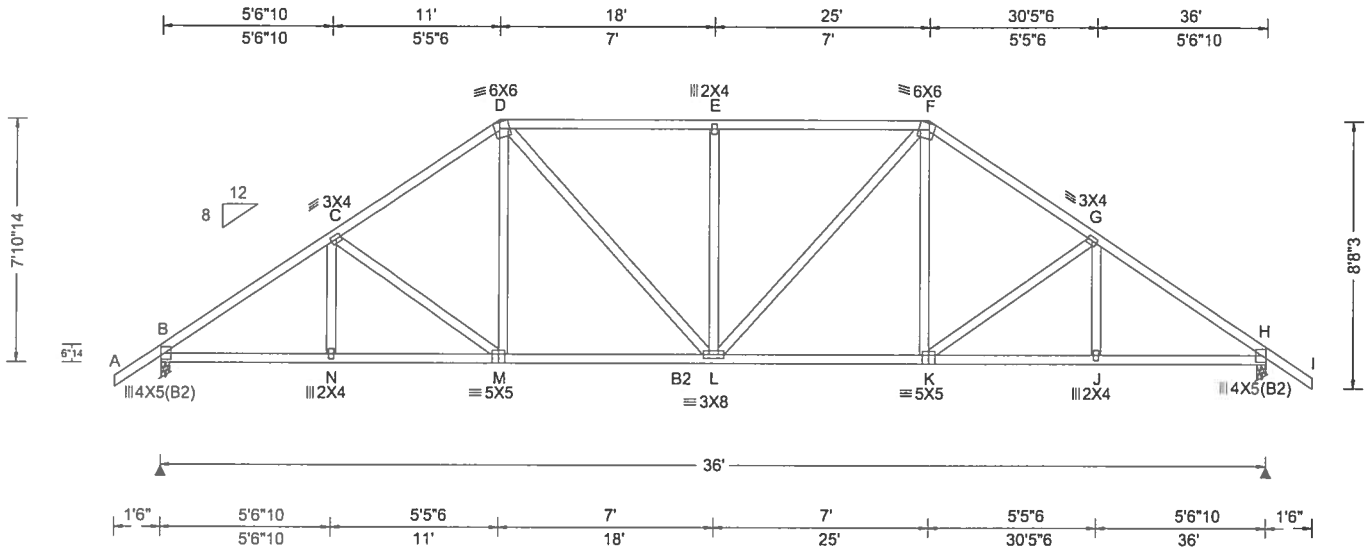
Orlando FL, 32821

SEQN: 652739 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G06		Cust: R 215 JRef:1WOK2150007 T23 DrwNo: 260.19.1652.20983 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
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: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.114	E	999	240
VERT(CL): 0.236	E	999	180
HORZ(LL): 0.051	J	-	-
HORZ(TL): 0.106	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.664
Max BC CSI: 0.681
Max Web CSI: 0.527

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1616	/-	/-	/973	/278	/265
H	1616	/-	/-	/973	/278	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
H Brg Width = 3.5 Min Req = 1.5
Bearings B & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	517	-2244	E - F	554	-1815
C - D	528	-1933	F - G	529	-1933
D - E	554	-1815	G - H	516	-2244

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	1766	-302	L - K	1535	-221
N - M	1765	-303	K - J	1765	-328
M - L	1535	-213	J - H	1766	-328

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - M	396	-64	L - F	413	-109
D - L	413	-109	F - K	396	-64
E - L	180	-469			

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP 2400f-2.0E
:B2 2x4 SP #2:
Webs 2x4 SP #3

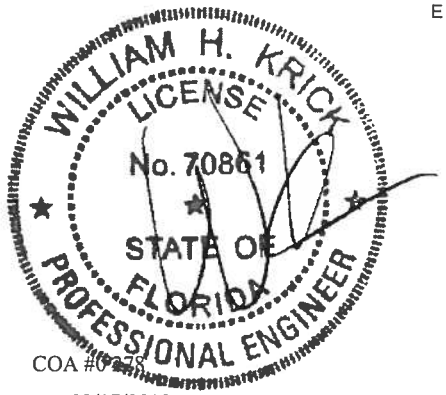
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 7-10-14.



COA #0278

09/17/2019

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ALPINE
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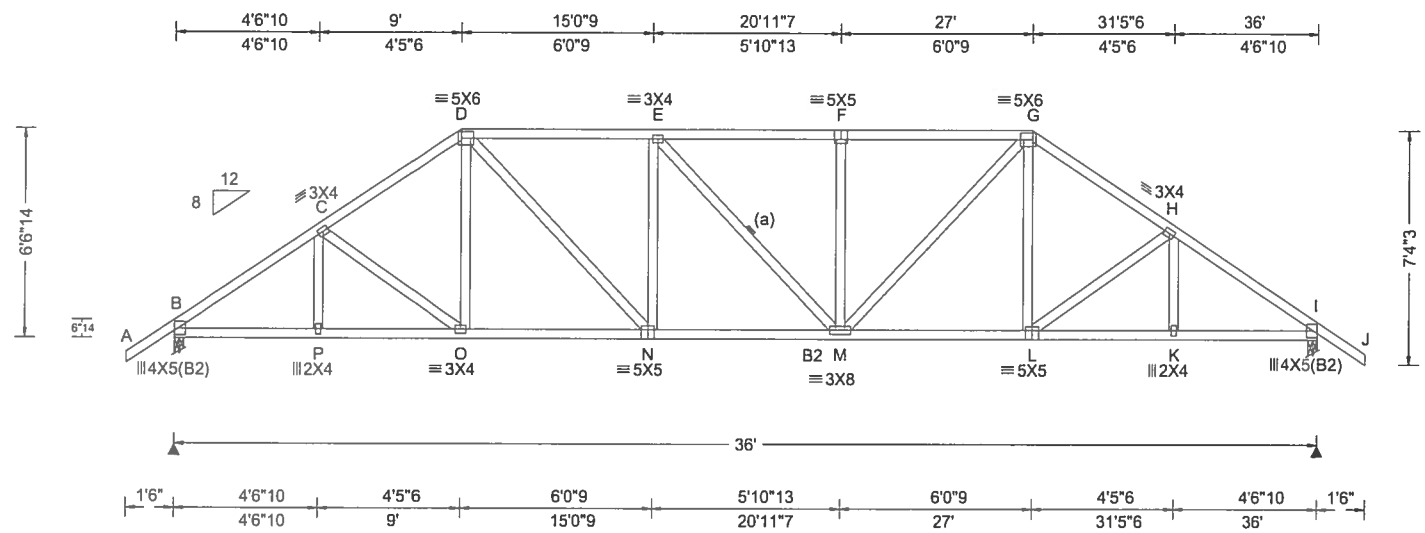
SEQN: 652737 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G07	Cust: R 215 JRef: 1WOK2150007 T22 DrwNo: 260.19.1652.24080 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
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: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.128	F	999	240
VERT(CL): 0.266	F	999	180
HORZ(LL): 0.052	K	-	-
HORZ(TL): 0.108	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.640
Max BC CSI: 0.646
Max Web CSI: 0.294

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1616	/-	/-	/957	/282	/227
I	1616	/-	/-	/957	/282	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
I Brg Width = 3.5 Min Req = 1.5
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	531	-2235	F - G	616	-2121
C - D	549	-2034	G - H	549	-2033
D - E	612	-2108	H - I	529	-2235
E - F	616	-2120			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	1762	-319	M - L	1637	-273
P - O	1763	-320	L - K	1763	-349
O - N	1639	-265	K - I	1763	-348
N - M	2125	-392			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - N	684	-175	M - G	695	-179
N - E	149	-383			

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP 2400f-2.0E
:B2 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.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 6-6-14.

COA #0278

09/17/2019

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ALPINE
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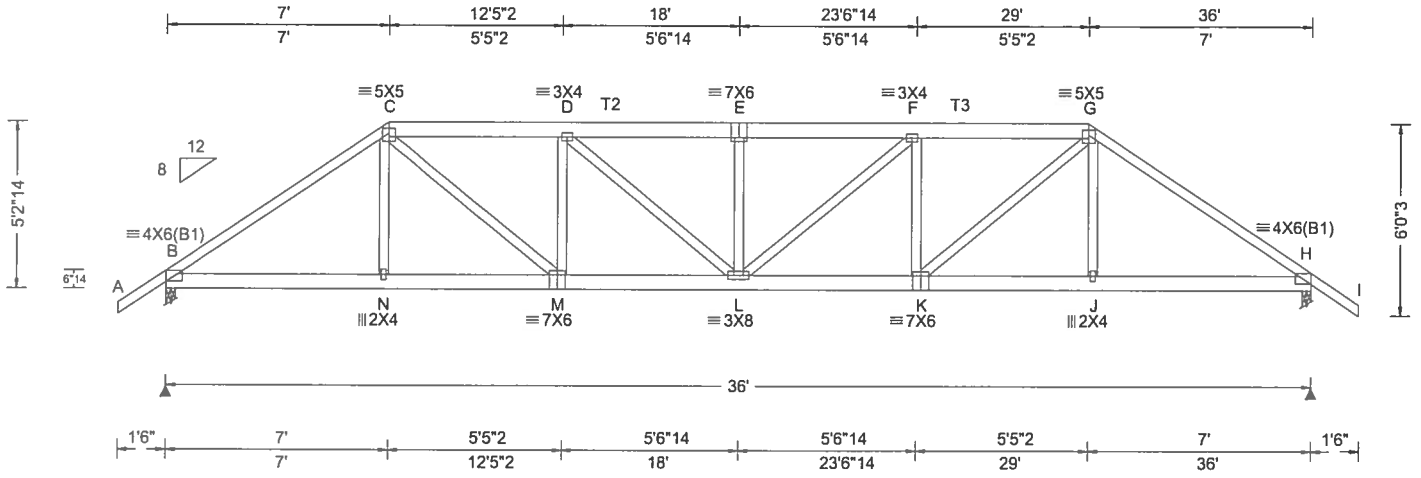
SEQN: 652735 HIPS FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G08	Cust: R 215 JRef: 1WOK2150007 T28 DrwNo: 260.19.1652.31463 GA / WHK 09/17/2019

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 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: 3.60 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 **Code / Misc Criteria** Bldg Code: FBC 2017 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): 0.139 E 999 240 VERT(CL): 0.280 E 999 180 HORZ(LL): 0.040 J - - HORZ(TL): 0.082 J - - Creep Factor: 2.0 Max TC CSI: 0.551 Max BC CSI: 0.323 Max Web CSI: 0.534 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	3605	/-	/-	/938	/884	/188
H	3605	/-	/-	/938	/884	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
H Brg Width = 3.5 Min Req = 1.5
Bearings B & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	691	-2787	E - F	905	-3646
C - D	817	-3295	F - G	817	-3295
D - E	905	-3646	G - H	691	-2787

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	2263	-554	L - K	3335	-831
N - M	2257	-555	K - J	2257	-555
M - L	3335	-831	J - H	2263	-554

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	1402	-354	L - F	414	-98
M - D	239	-672	F - K	239	-672
D - L	414	-98	K - G	1402	-354

Lumber

Top chord 2x4 SP #2
:T2, T3 2x6 SP 2400f-2.0E:
Bot chord 2x6 SP 2400f-2.0E
Webs 2x4 SP #3

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	-1.50 to	64 plf at	7.00
TC: From	32 plf at	7.00 to	32 plf at	29.00
TC: From	64 plf at	29.00 to	64 plf at	37.50
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	28.97
BC: From	20 plf at	28.97 to	20 plf at	36.00
BC: From	5 plf at	36.00 to	5 plf at	37.50

TC: 295 lb Conc. Load at 7.03,28.97
TC: 200 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,18.94,20.94,22.94,24.94,26.94
BC: 483 lb Conc. Load at 7.03,28.97
BC: 134 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,18.94,20.94,22.94,24.94,26.94

Wind

Wind loads based on MWFRS.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 5-2-14.

COA #0778

09/17/2019

****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.

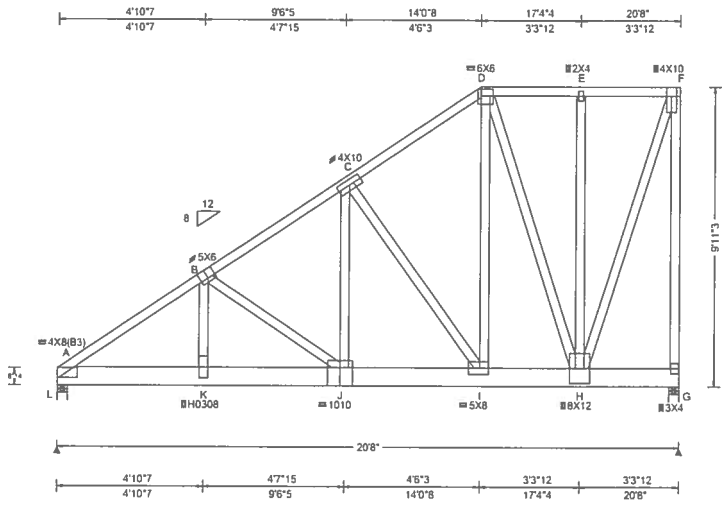
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing,any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses**A seal on this drawing or cover page listing this drawing, 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 this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 652530 SPEC FROM: CDM	Ply: 4 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** G09	Cust: R 215 JRef: 1WOK2150007 T26 DrwNo: 260.19.1652.47557 GA / WHK 09/17/2019	

4 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.105	J	999	240
VERT(CL): 0.209	J	999	180
HORZ(LL): 0.032	B	-	-
HORZ(TL): 0.063	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.266
Max BC CSI: 0.251
Max Web CSI: 0.998

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	10909	/-	/-	/590	/-	/221
G	11727	/-	/-	/612	/42	/-

Wind reactions based on MWFRS
L Brg Width = 4.0 Min Req = 2.3
G Brg Width = 4.0 Min Req = 2.4
Bearings L & G are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	14	-3906	D - E	12	-864
B - C	14	-2925	E - F	15	-864
C - D	12	-1715			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - K	3228	-80	J - I	2355	-55
K - J	3207	-80	I - H	1409	-31

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
K - B	1084	0	D - I	2428	-30
B - J	30	-990	D - H	47	-1649
J - C	1973	-15	H - F	2621	-47
C - I	44	-1674	F - G	40	-2500

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
In addition, apply (1) 0.22"-0.25" min/max dia. X 6.0" length wood screw at each joint location.

Special Loads

—--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at -2.00 to 64 plf at 20.67
BC: From 5 plf at -2.00 to 5 plf at 0.00
BC: From 10 plf at 0.00 to 10 plf at 20.67
BC: 2177 lb Conc. Load at 2.06, 4.06, 6.06, 8.06 10.06,12.06,14.06,16.06
BC: 1843 lb Conc. Load at 18.06,20.06

Wind

Wind loads based on MWFRS.

Right end vertical not exposed to wind pressure.

Blocking

Full Height Blocking reinforcement required to prevent buckling of members over the bearings:
bearing 1 located at 0.0'
bearing 2 located at 20.3'

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-11-3.

COA #0778

09/17/2019

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

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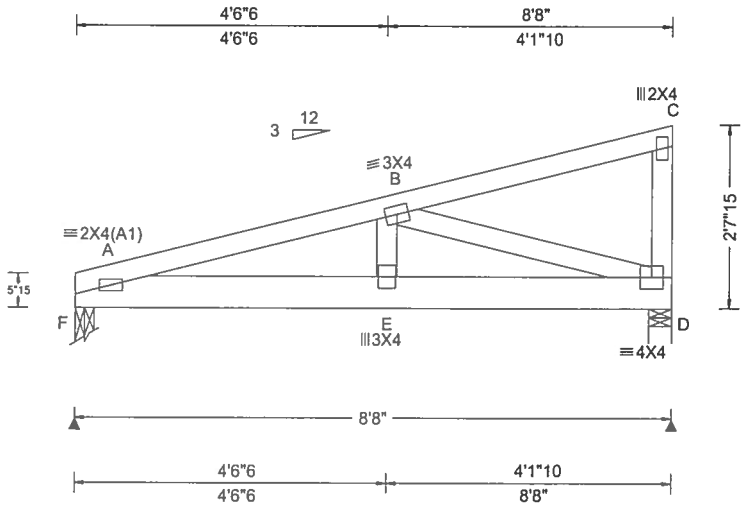
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 652779 MONO FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** H01	Cust: R 215 JRef: 1WOK2150007 T29 DrwNo: 260.19.1652.56503 GA / WHK 09/17/2019

2 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	E	999	240
VERT(CL): 0.045	E	999	180
HORZ(LL): -0.005	C	-	-
HORZ(TL): 0.009	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.145
Max BC CSI: 0.208
Max Web CSI: 0.429

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	1425	/-	/-	/-	/205	/-
D	1248	/-	/-	/-	/184	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	192	-1334

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	1284	-182	E - D	1234	-178

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
E - B	577	-45	B - D	185	-1288

Lumber

Top chord 2x4 SP #2
Bot chord 2x6 SP 2400f-2.0E
Webs 2x4 SP #3

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 6.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 61 plf at 0.00 to 61 plf at 8.67
BC: From 10 plf at 0.00 to 10 plf at 8.67
BC: 515 lb Conc. Load at 1.06, 3.06, 5.06, 7.06

Wind

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 2-7-15.

COA #0[illegible]78

09/17/2019

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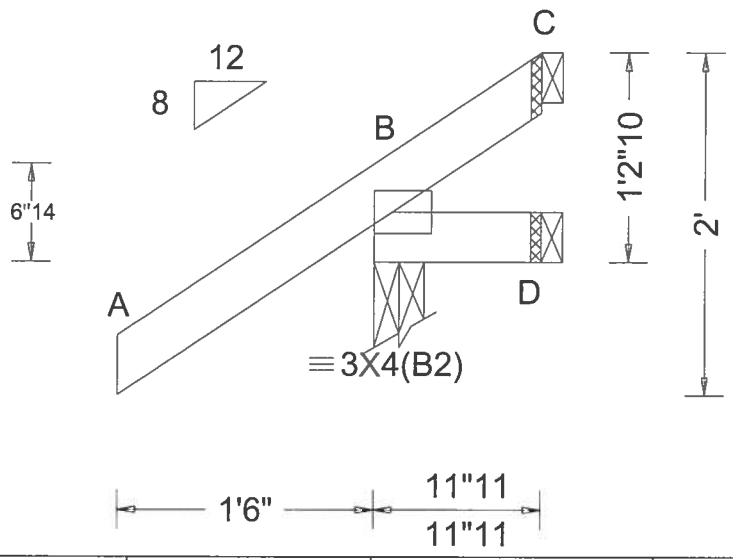
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652727 JACK FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** J01		Cust: R 215 JRef: 1WOK2150007 T33 DrwNo: 260.19.1652.58700 GA / WHK 09/17/2019



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 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 **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.187 Max BC CSI: 0.029 Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	237	/-	/-	/200	/57	/47
D	12	/-6	/-	/15	/9	/-
C	-	/-46	/-	/29	/53	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
D Brg Width = 1.5 Min Req = -
C Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2

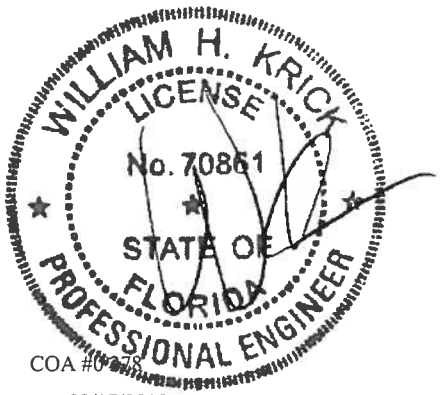
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 1-2-10.



COA #0778

09/17/2019

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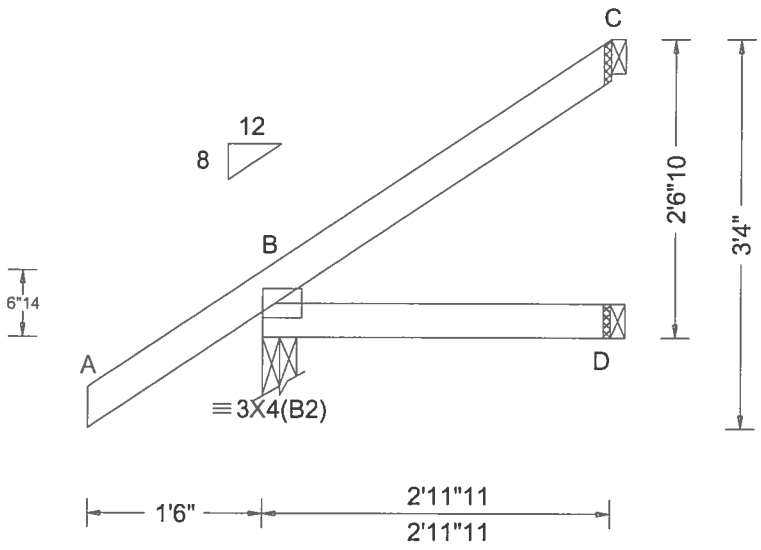
ALPINE
ANITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652725 JACK FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** J03		Cust: R 215 JRef: 1WOK2150007 T32 DrwNo: 260.19.1653.00250 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): NA			
VERT(CL): NA			
HORZ(LL): -0.001	C	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.191
Max BC CSI: 0.090
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	/ Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	259	/-	/-	/197	/30	/84
D	54	/-	/-	/40	/-	/-
C	69	/-	/-	/33	/36	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
D Brg Width = 1.5 Min Req = -
C Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
Refer to General Notes for additional information

The overall height of this truss excluding overhang is 2-6-10.

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
COA #0778

09/17/2019

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

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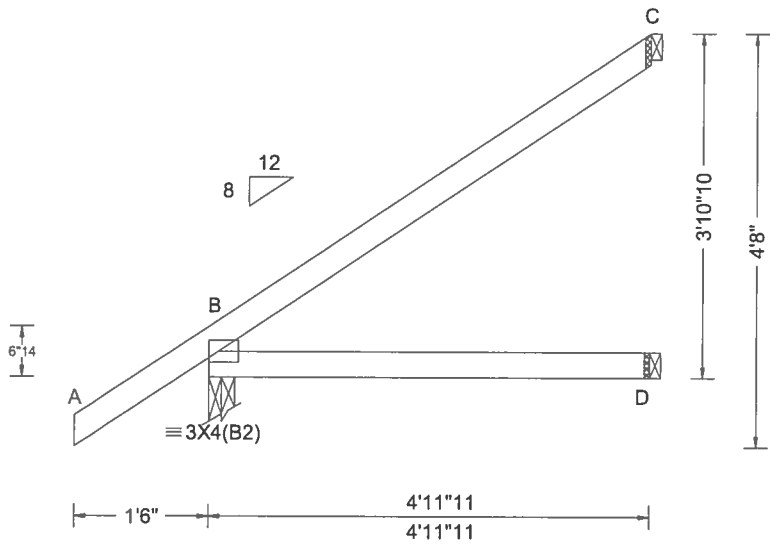
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652723 JACK FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** J05		Cust: R 215 JRef: 1WOK2150007 T31 DrwNo: 260.19.1653.01577 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.003 D - -
HORZ(TL): 0.007 D - -
Creep Factor: 2.0
Max TC CSI: 0.360
Max BC CSI: 0.275
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	331	/-	/-	/242	/27	/122
D	94	/-	/-	/65	/-	/-
C	137	/-	/-	/77	/65	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
D Brg Width = 1.5 Min Req = -
C Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2

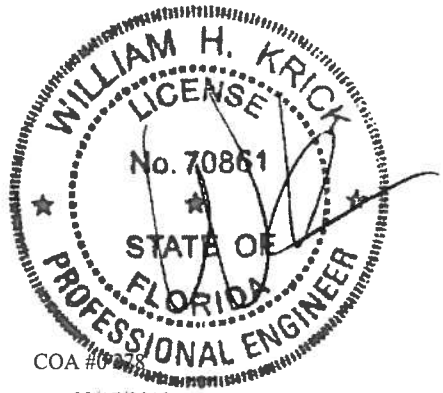
Wind

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

Additional Notes

Refer to General Notes for additional information

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



COA #0278

09/17/2019

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

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

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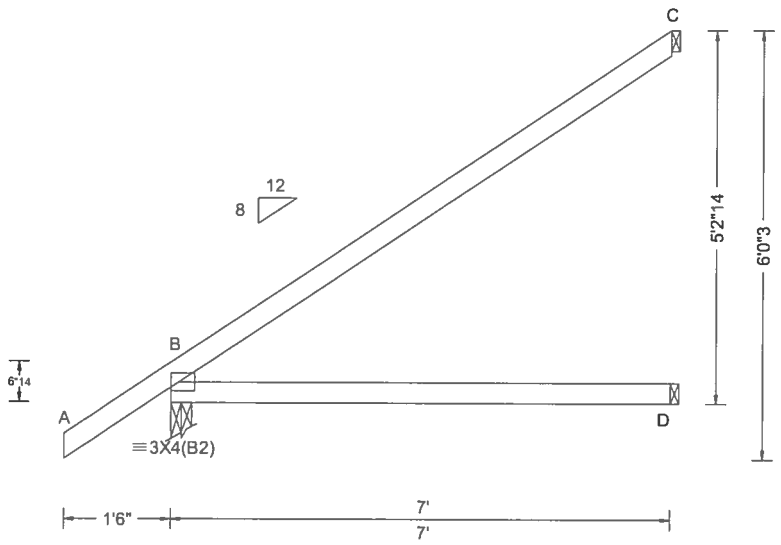
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652729 EJAC FROM: CDM	Ply: 1 Qty: 12	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** J07		Cust: R 215 JRef: 1WOK2150007 T34 DrwNo: 260.19.1653.03127 GA / WHK 09/17/2019



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 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 **Code / Misc Criteria** Bldg Code: FBC 2017 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): 0.012 D - - HORZ(TL): 0.025 D - - Creep Factor: 2.0 Max TC CSI: 0.812 Max BC CSI: 0.557 Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	412	/-	/-	/293	/26	/161
D	134	/-	/-	/94	/-	/-
C	200	/-	/-	/116	/92	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
D Brg Width = 1.5 Min Req = -
C Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2

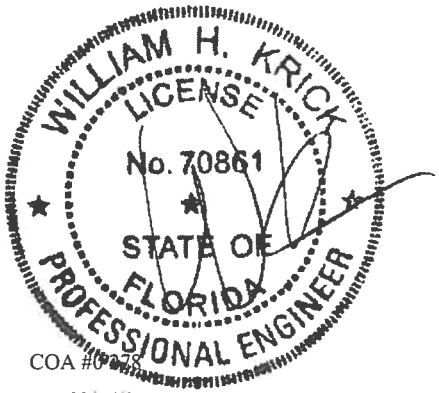
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 5-2-14.



COA #0278

09/17/2019

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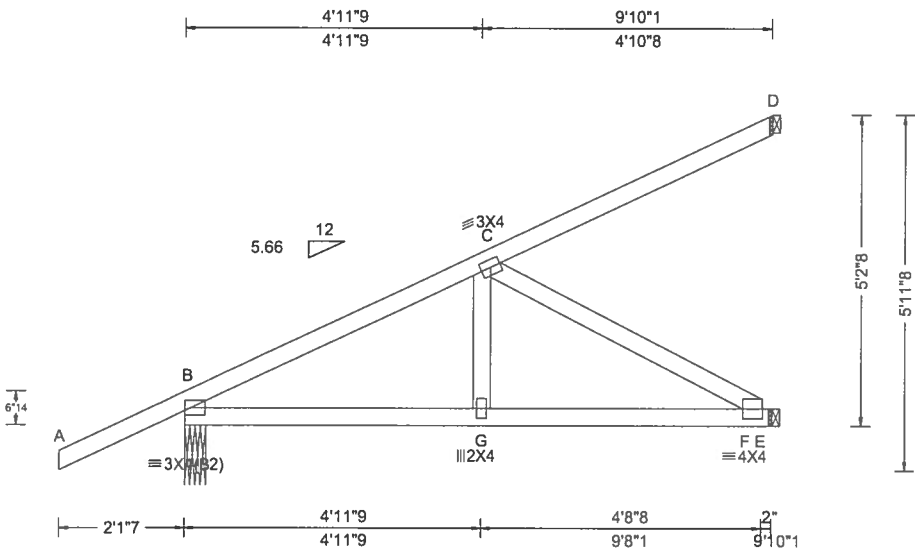
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652731 HIP_ FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** JH1	Cust: R 215 JRef: 1WOK2150007 T35 DrwNo: 260.19.1653.08390 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.022	G	999	240
VERT(CL): 0.043	G	999	180
HORZ(LL): -0.009	D	-	-
HORZ(TL): 0.017	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.724
Max BC CSI: 0.679
Max Web CSI: 0.343

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	376	/-	/-	/-	/200	/-
E	349	/-	/-	/-	/82	/-
D	95	/-	/-	/-	/30	/-

Wind reactions based on MWFRS
B Brg Width = 4.2 Min Req = 1.5
E Brg Width = 1.5 Min Req = -
D Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	209	-575

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	520	-159	G - F	513	-159

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - F	183	-590

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

Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 0 plf at -2.83 to 62 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 9.84
BC: From 0 plf at -2.83 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 9.84
TC: -40 lb Conc. Load at 1.38
TC: 137 lb Conc. Load at 4.21
TC: 274 lb Conc. Load at 7.03
BC: 24 lb Conc. Load at 1.38
BC: 109 lb Conc. Load at 4.21
BC: 189 lb Conc. Load at 7.03

Wind
Wind loads and reactions based on MWFRS.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 5-2-8.

COA #[illegible]78
09/17/2019

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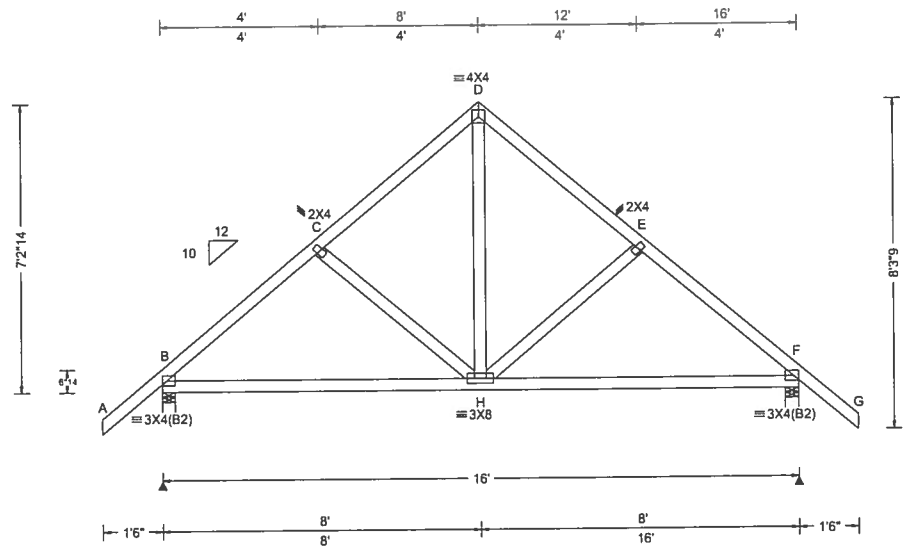
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652567 COMN FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** K01	Cust: R 215 JRef: 1WOK2150007 T21 DrwNo: 260.19.1653.13840 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.018	H	999	240
VERT(CL): 0.037	H	999	180
HORZ(LL): 0.010	H	-	-
HORZ(TL): 0.020	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.271
Max BC CSI: 0.708
Max Web CSI: 0.173

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	795	/-	/-	/506	/120	/269
F	795	/-	/-	/506	/120	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	220	-807	D - E	226	-613
C - D	227	-613	E - F	218	-807

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	548	-131	H - F	548	-46

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - H	453	-164

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.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 7-2-14.

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
COA #[illegible]78
09/17/2019

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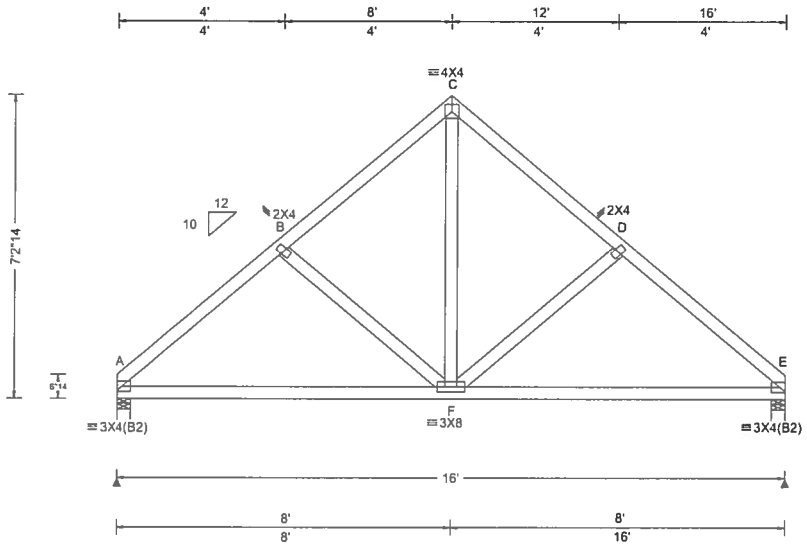
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652574 COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** K02	Cust: R 215 JRef:1WOK2150007 T45 DrwNo: 260.19.1653.15323 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.015	F	999	240
VERT(CL): 0.033	F	999	180
HORZ(LL): 0.007	F	-	-
HORZ(TL): 0.016	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.161
Max BC CSI: 0.722
Max Web CSI: 0.178

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	688	/-	/-	/406	/96	/199
E	688	/-	/-	/406	/96	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	196	-831	C - D	207	-634
B - C	207	-634	D - E	196	-831

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	576	-84	F - E	576	-83

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - F	468	-151

Lumber

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

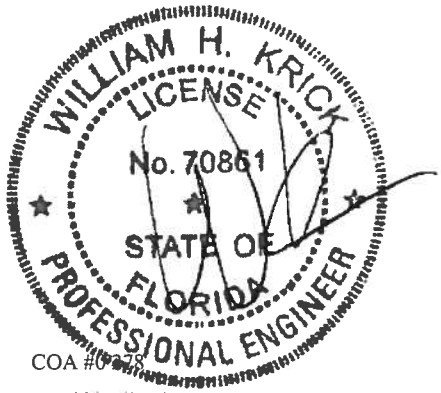
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 7-2-14.



COA #[illegible]78

09/17/2019

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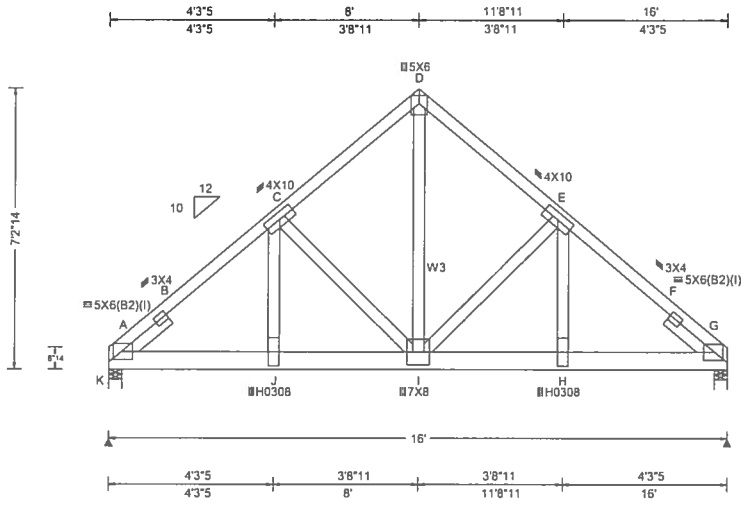
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652577 COMN FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** K03		Cust: R 215 JRef: 1WOK2150007 T44 DrwNo: 260.19.1653.26947 GA / WHK 09/17/2019

2 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.082	I	999	240
VERT(CL): 0.164	I	999	180
HORZ(LL): 0.031	C	-	-
HORZ(TL): 0.062	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.478
Max BC CSI: 0.700
Max Web CSI: 0.953

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	8207	/-	/-	/-	/71	/-
G	8330	/-	/-	/-	/70	/-

Wind reactions based on MWFRS
K Brg Width = 4.0 Min Req = 3.4
G Brg Width = 4.0 Min Req = 3.4
Bearings K & G are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	71	-4970	D - E	36	-3456
B - C	39	-4942	E - F	39	-4952
C - D	36	-3455	F - G	71	-4979

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - J	3740	-25	I - H	3683	-24
J - I	3676	-24	H - G	3752	-25

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - C	2008	0	I - E	12	-1496
C - I	12	-1485	E - H	2020	0
D - I	4222	0			

Lumber

Top chord 2x4 SP #2
Bot chord 2x6 SP 2400f-2.0E
Webs 2x4 SP #3
:W3 2x4 SP #2:
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 66 plf at 0.00 to 66 plf at 16.00
BC: From 20 plf at 0.00 to 20 plf at 16.00
BC: 2166 lb Conc. Load at 2.06, 4.06, 6.06, 8.06 10.06,12.06,14.06

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.

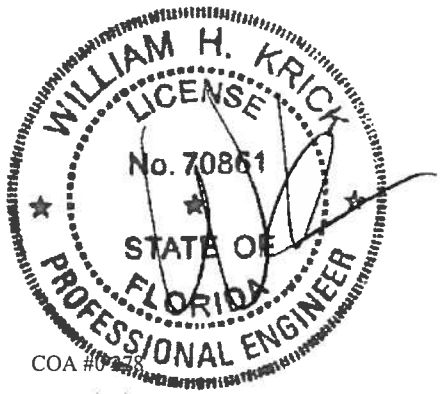
Blocking

Full Height Blocking reinforcement required to prevent buckling of members over the bearings:
bearing 1 located at 0.0'
bearing 2 located at 15.7'

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 7-2-14.



COA #0778

09/17/2019

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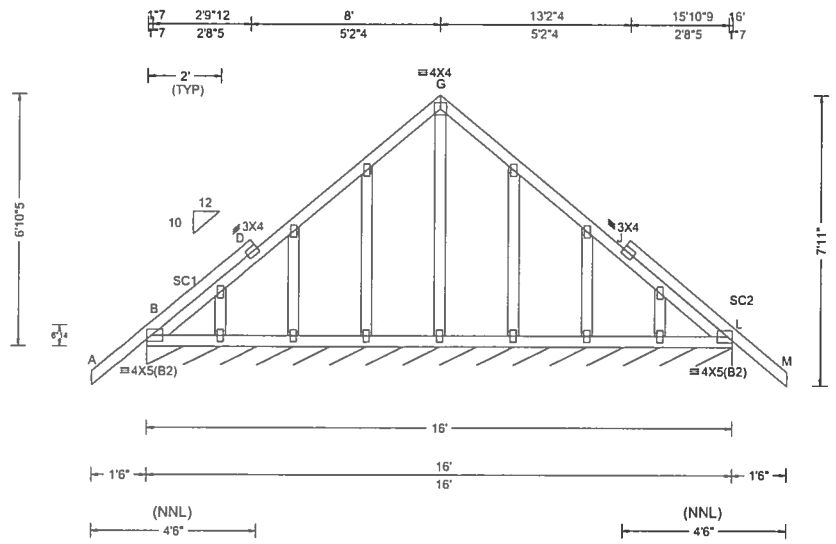
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652571 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** K04	Cust: R 215 JRef: 1WOK2150007 T30 DrwNo: 260.19.1653.31910 GA / WHK 09/17/2019



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 7-10 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 **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.003 D 999 240 VERT(CL): 0.006 D 999 180 HORZ(LL): -0.005 D - - HORZ(TL): 0.006 D - - Creep Factor: 2.0 Max TC CSI: 0.402 Max BC CSI: 0.143 Max Web CSI: 0.106 VIEW Ver: 18.02.01B.0321.08	Gravity / Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B* 145 /- /- /71 /28 /25 Wind reactions based on MWFRS B Brg Width = 192 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

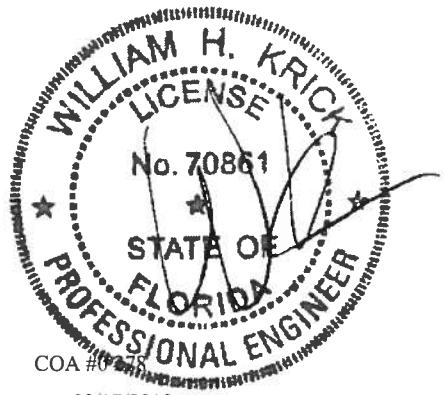
Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

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



COA #0278

09/17/2019

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

SEQN: 652571 GABL	Ply: 1	**Job Number:** 19-3124B	Cust: R 215 JRef: 1WOK2150007 T30
FROM: CDM	Qty: 1	/MIKE & ANGELA WOOD RES. /Plumb Level Construction	DrwNo: 260.19.1653.31910
Page 2 of 2		**Truss Label:** K04	GA / WHK 09/17/2019

Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 6-10-5.

COA #0[illegible]78

09/17/2019

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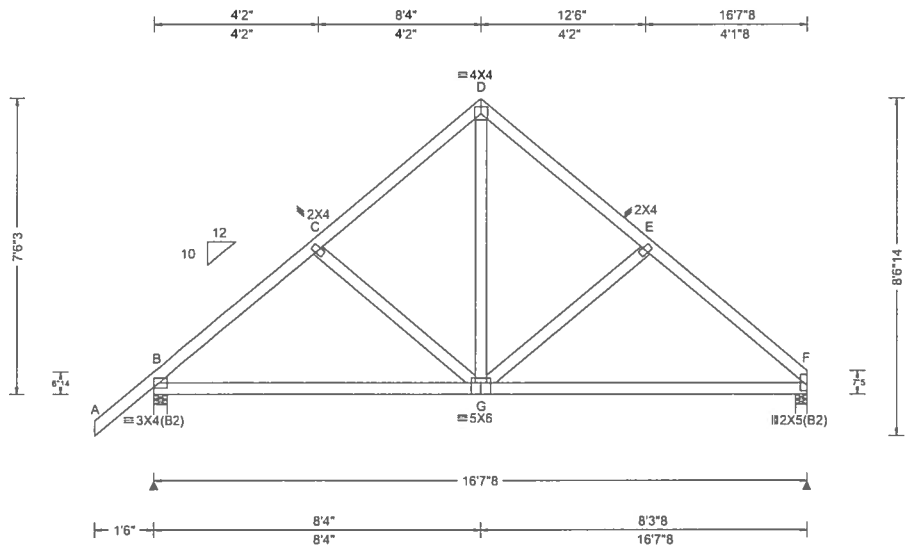
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652585 COMN FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES, /Plumb Level Construction **Truss Label:** L01		Cust: R 215 JRef: 1WOK2150007 T27 DrwNo: 260.19.1653.33967 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.018	G	999	240
VERT(CL): 0.038	G	999	180
HORZ(LL): 0.008	G	-	-
HORZ(TL): 0.018	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.278
Max BC CSI: 0.755
Max Web CSI: 0.183

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	828	/-	/-	/522	/126	/253
F	709	/-	/-	/421	/98	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
F Brg Width = 3.5 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	235	-851	D - E	244	-651
C - D	243	-648	E - F	238	-855

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	580	-106	G - F	592	-113

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - G	479	-185

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.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 7-6-3.

COA #0727

09/17/2019

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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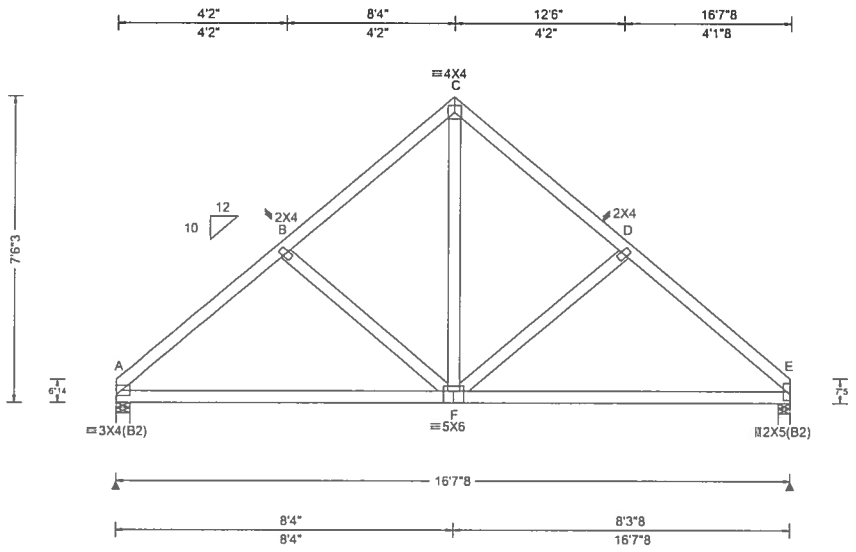
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652587 COMN FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** L02		Cust: R 215 JRef: 1WOK2150007 T6 DrwNo: 260.19.1653.35627 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.017	F	999	240
VERT(CL): 0.036	F	999	180
HORZ(LL): 0.008	F	-	-
HORZ(TL): 0.017	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.176
Max BC CSI: 0.761
Max Web CSI: 0.185

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	716	/-	/-	/422	/100	/207
E	714	/-	/-	/421	/100	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	200	-866	C - D	212	-659
B - C	212	-660	D - E	200	-864

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	601	-87	F - E	599	-85

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - F	486	-154

Lumber

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

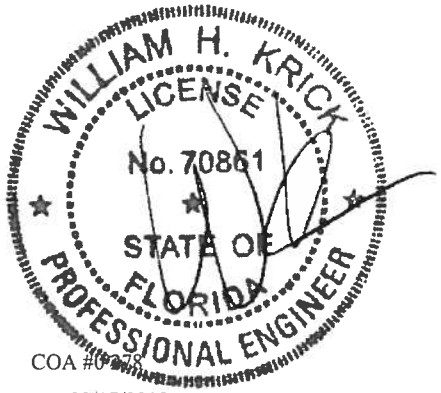
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 7-6-3.



COA #[illegible]

09/17/2019

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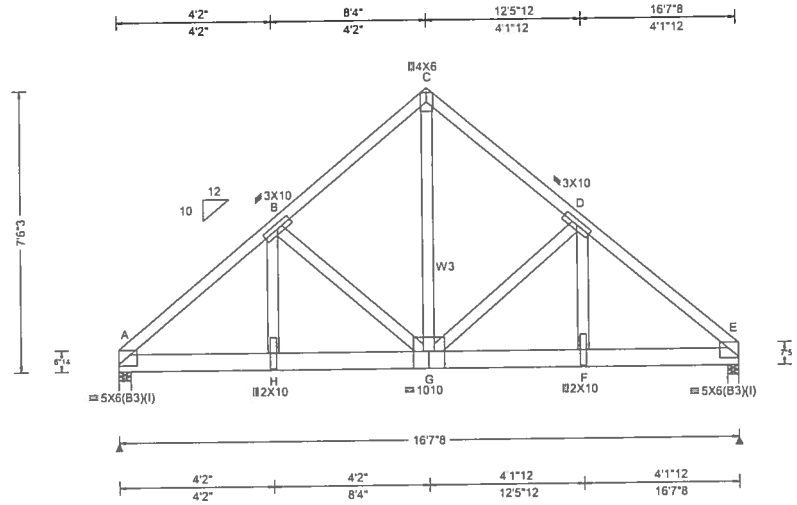
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652589 COMN FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** L03	Cust: R 215 JRef:1WOK2150007 T9 DrwNo: 260.19.1654.00880 GA / WHK 09/17/2019	

2 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.082	G	999	240
VERT(CL): 0.164	G	999	180
HORZ(LL): 0.029	B	-	-
HORZ(TL): 0.058	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.801
Max BC CSI: 0.459
Max Web CSI: 0.767

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	6549 /-	/-	/-	/980	/-
E	7701 /-	/-	/-	/1139	/-

Wind reactions based on MWFRS
A Brg Width = 4.0 Min Req = 2.7
E Brg Width = 3.5 Min Req = 3.2
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	621	-4058	C - D	443	-2831
B - C	443	-2833	D - E	623	-4016

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	3056	-461	G - F	2998	-459
H - G	3035	-459	F - E	3019	-461

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - B	1486	-185	G - D	174	-1130
B - G	173	-1174	D - F	1443	-188
C - G	3396	-489			

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

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads
-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 66 plf at 0.00 to 66 plf at 16.63
BC: From 10 plf at 0.00 to 10 plf at 16.63
BC: 1724 lb Conc. Load at 2.06,16.06
BC: 1584 lb Conc. Load at 4.06
BC: 1606 lb Conc. Load at 6.06, 8.06,10.06,12.06
BC: 1530 lb Conc. Load at 14.06

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.

Blocking
Full Height Blocking reinforcement required to prevent buckling of members over the bearings:
bearing 1 located at 0.0'
bearing 2 located at 16.3'

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 7-6-3.

COA #0[illegible]78

09/17/2019

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AN ITW COMPANY
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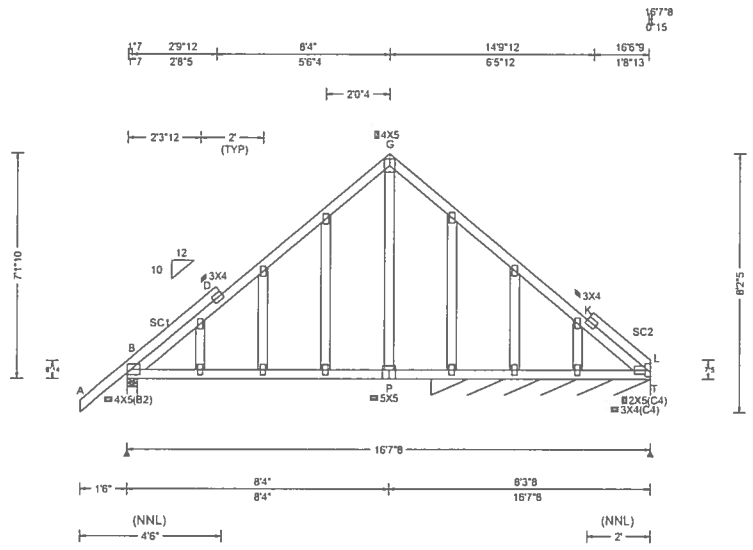
Suite 305
Orlando FL, 32821

SEQN: 652597 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** L04	Cust: R 215 JRef:1WOK2150007 T3 DrwNo: 260.19.1654.06073 GA / WHK 09/17/2019	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.203	R	600	240
VERT(CL): 0.409	R	297	180
HORZ(LL): 0.156	E	-	-
HORZ(TL): 0.314	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.808
Max BC CSI: 0.617
Max Web CSI: 0.288

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1138	/-	/-	/751	/188	/380
T*	157	/-	/-	/95	/25	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
T Brg Width = 83.5 Min Req = -
Bearings B & O 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 - D	73	-470	G - K	405	-880
B - D	176	-552	K - L	234	-884
D - G	394	-838			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	638	-202	P - L	638	-196

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
G - P	544	-329

Lumber
Top chord 2x4 SP #2
Bot chord 2x4 SP 2400f-2.0E
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.

Loading
Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

COA #0778
09/17/2019

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6750 Forum Drive
Suite 305
Orlando FL, 32821

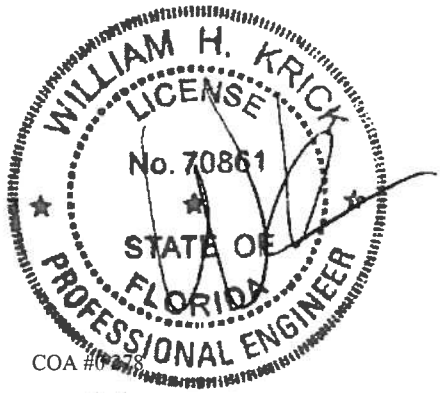
Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 7-1-10.



COA #0778

09/17/2019

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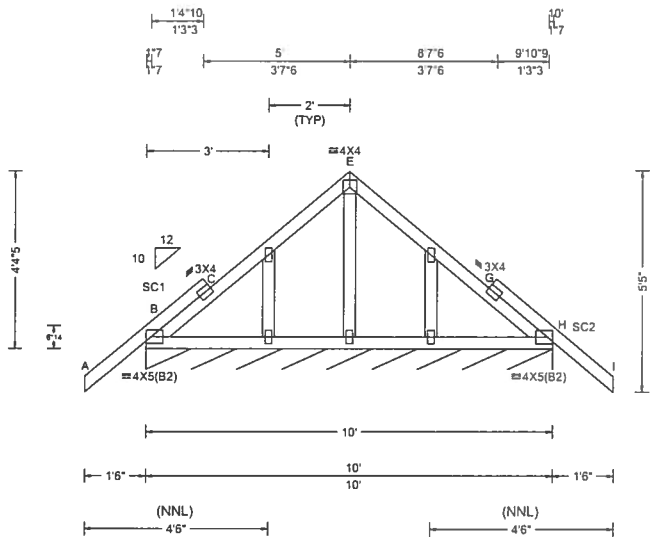
Suite 305
Orlando FL, 32821

SEQN: 652599 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** L05	Cust: R 215 JRef: 1WOK2150007 T5 DrwNo: 260.19.1654.09737 GA / WHK 09/17/2019	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	C	999	240
VERT(CL): 0.005	C	999	180
HORZ(LL): -0.004	C	-	-
HORZ(TL): 0.004	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.381
Max BC CSI: 0.098
Max Web CSI: 0.070

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H*	155	/-	/-	/77	/72	/29

Wind reactions based on MWFRS
H Brg Width = 119 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	593	-654	G - H	579	-655

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.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

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

COA #6378

09/17/2019

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SEQN: 652599 GABL FROM: CDM Page 2 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** L05	Cust: R 215 JRef: 1WOK2150007 T5 DrwNo: 260.19.1654.09737 GA / WHK 09/17/2019

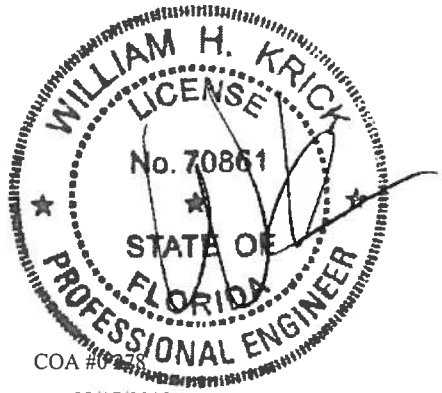
Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 4-4-5.



COA #0278

09/17/2019

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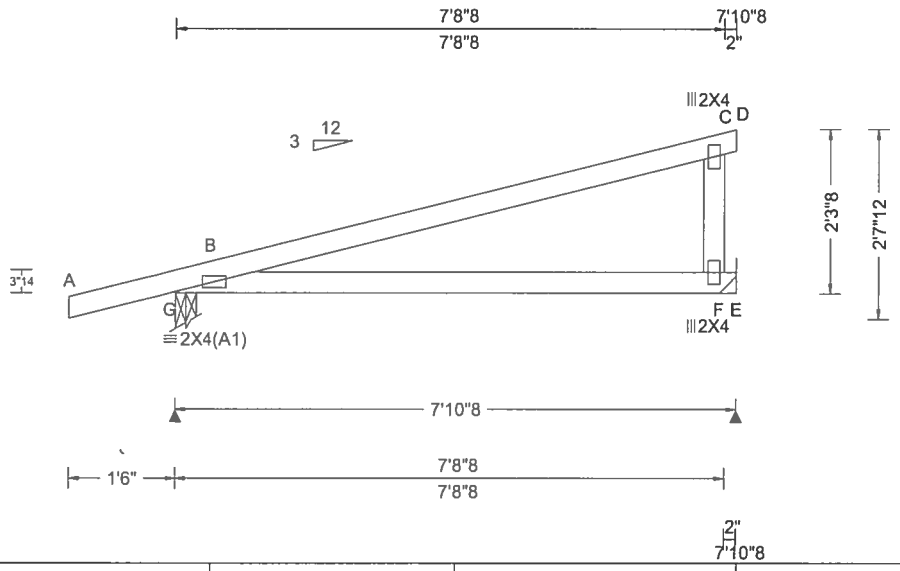
SEQN: 652610 MONO FROM: CDM	Ply: 1 Qty: 15	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** M01	Cust: R 215 JRef: 1WOK2150007 T40 DrwNo: 260.19.1654.11283 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.018 F - -
HORZ(TL): 0.036 F - -
Creep Factor: 2.0
Max TC CSI: 0.739
Max BC CSI: 0.539
Max Web CSI: 0.275

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
G	425	/-	/-	/232	/97	/65
E	307	/-	/-	/160	/38	/-

Wind reactions based on MWFRS
G Brg Width = 3.5 Min Req = 1.5
E Brg Width = - Min Req = -
Bearing G is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

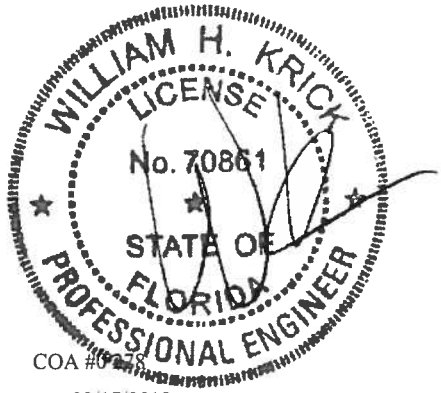
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 2-3-8.



COA #[illegible]78

09/17/2019

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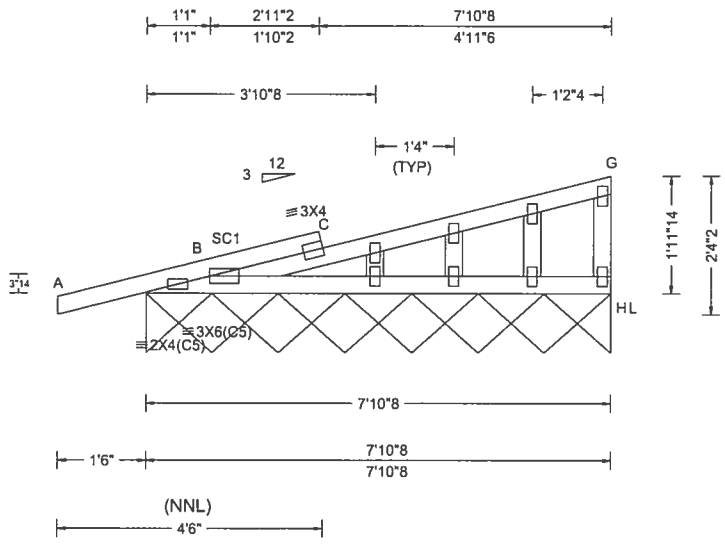
SEQN: 652612 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** M02	Cust: R 215 JRef: 1WOK2150007 T37 DrwNo: 260.19.1654.14187 GA / WHK 09/17/2019	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 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 **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 C 999 240 VERT(CL): 0.007 K 999 180 HORZ(LL): -0.003 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.458 Max BC CSI: 0.076 Max Web CSI: 0.059 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L*	129	/-	/-	/61	/90	/27

Wind reactions based on MWFRS
L Brg Width = 94.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

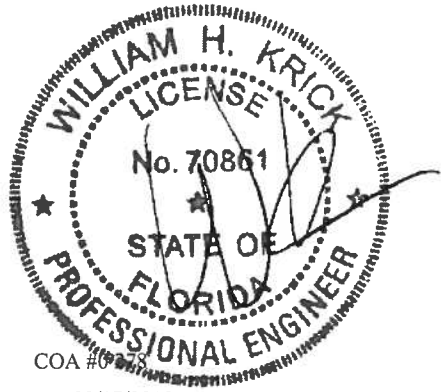
Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

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



COA #0278

09/17/2019

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Orlando FL, 32821

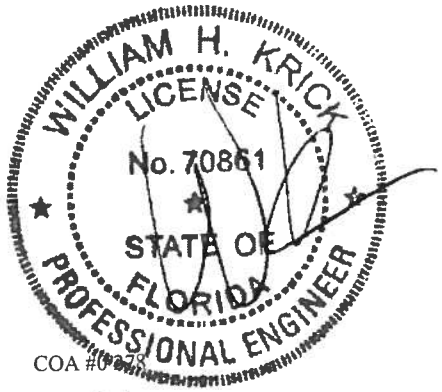
Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 1-11-14.



COA #0778

09/17/2019

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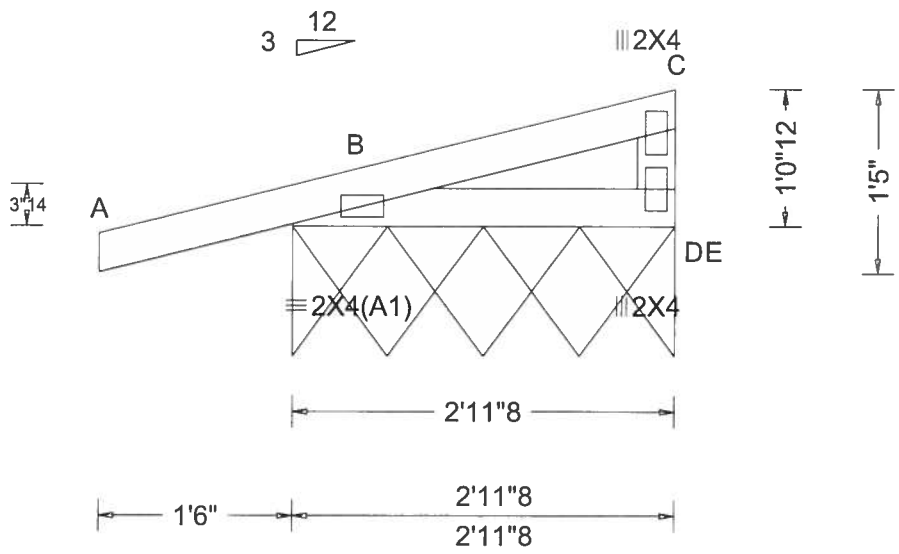
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652614 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** M03		Cust: R 215 JRef: 1WOK2150007 T1 DrwNo: 260.19.1654.15890 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.001 D - -
HORZ(TL): 0.001 D - -
Creep Factor: 2.0
Max TC CSI: 0.185
Max BC CSI: 0.060
Max Web CSI: 0.025

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
E*	113 /-	/-	/62	/29	/12

Wind reactions based on MWFRS
E Brg Width = 35.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

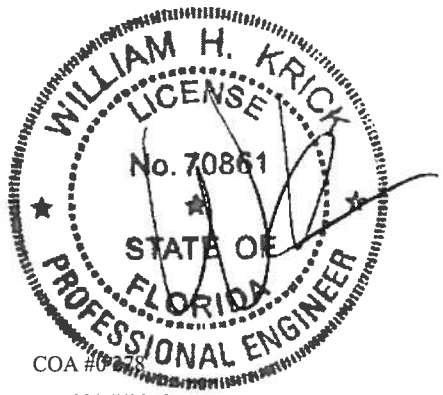
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 1-0-12.



COA #0278

09/17/2019

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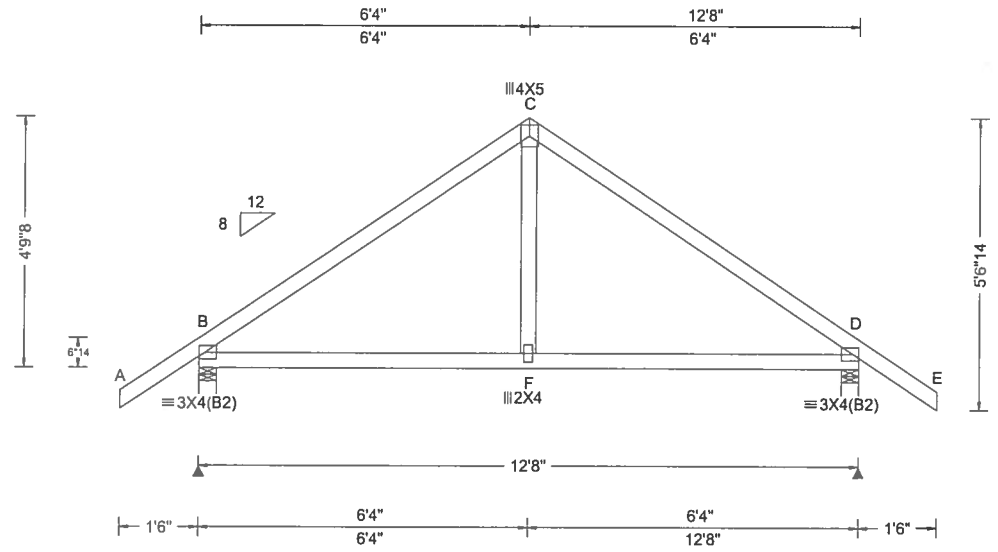
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652605 COMN FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** N01	Cust: R 215 JRef:1WOK2150007 T4 DrwNo: 260.19.1654.17787 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.007	F	999	240
VERT(CL): 0.014	F	999	180
HORZ(LL): 0.005	F	-	-
HORZ(TL): 0.008	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.399
Max BC CSI: 0.403
Max Web CSI: 0.107

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
B	636 /-	/-	/405	/107	/170
D	636 /-	/-	/405	/107	/-

Wind reactions based on MWFRS
B Brg Width = 4.0 Min Req = 1.5
D Brg Width = 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	177	-606	C - D	178	-606

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	414	-37	F - D	414	-37

Lumber

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

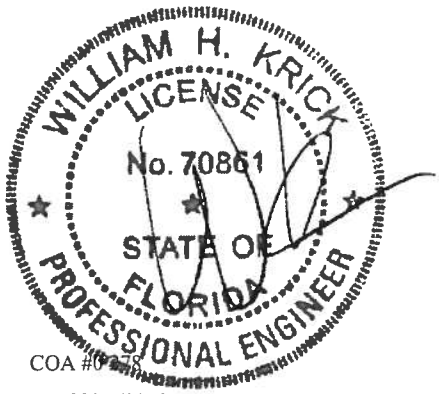
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 4-9-8.



COA #0278

09/17/2019

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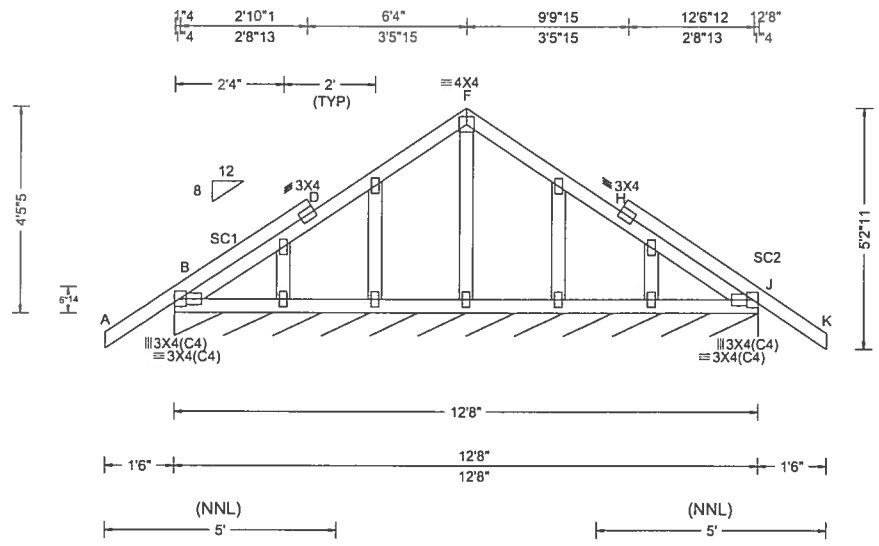
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652607 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** N02	Cust: R 215 JRef:1WOK2150007 T2 DrwNo: 260.19.1654.22360 GA / WHK 09/17/2019	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 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 **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.004 D 999 240 VERT(CL): 0.008 H 999 180 HORZ(LL): -0.006 D - - HORZ(TL): 0.006 D - - Creep Factor: 2.0 Max TC CSI: 0.514 Max BC CSI: 0.144 Max Web CSI: 0.052 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J*	184	/-	/-	/80	/73	/27

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - D	418	-258	H - J	418	-263

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

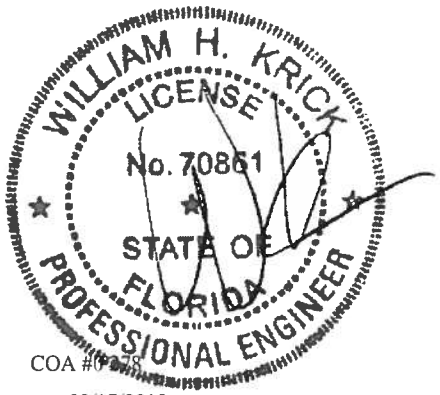
All plates are 2X4 except as noted.

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

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



COA #[illegible]

09/17/2019

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

SEQN: 652607 GABL	Ply: 1	**Job Number:** 19-3124B	Cust: R 215 JRef: 1WOK2150007 T2
FROM: CDM	Qty: 1	/MIKE & ANGELA WOOD RES. /Plumb Level Construction	DrwNo: 260.19.1654.22360
Page 2 of 2		**Truss Label:** N02	GA / WHK 09/17/2019

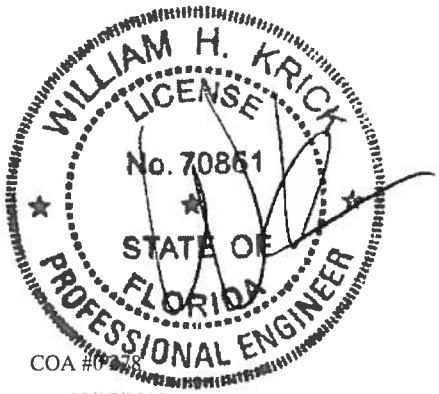
Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 4-5-5.



COA #0778

09/17/2019

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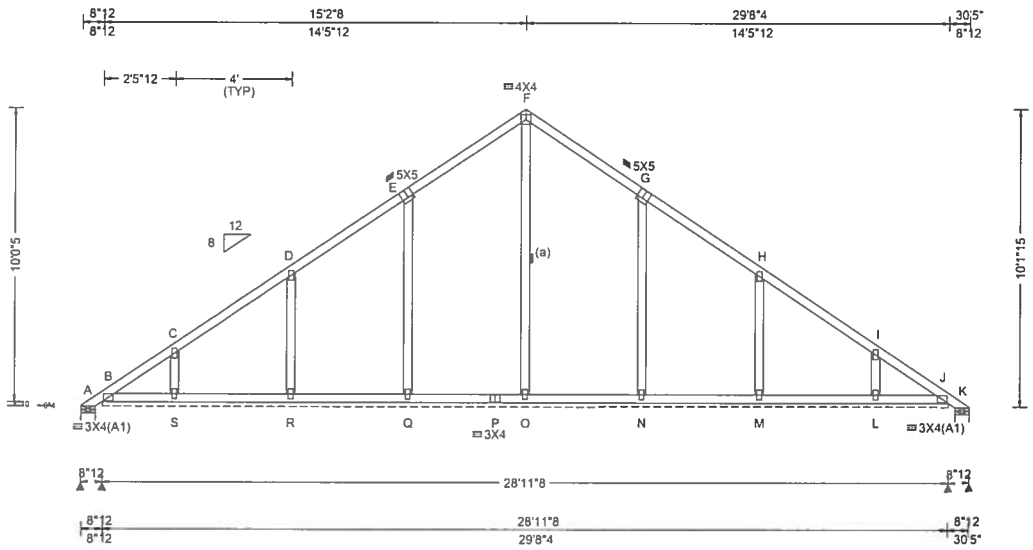
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652504 SPEC FROM: CDM	Ply: 1 Qty: 15	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P01	Cust: R 215 JRef: 1WOK2150007 T15 DrwNo: 260.19.1654.29710 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category:
EXP: C Kzt: NA
Mean Height: 0.00 ft
TCDL: 5.0 psf
BCDL: 2.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 0.00

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	G	999	240
VERT(CL): 0.004	G	999	180
HORZ(LL): 0.001	E	-	-
HORZ(TL): 0.002	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.209
Max BC CSI: 0.022
Max Web CSI: 0.280

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	15 /-	/-	/-	/-	/-
B*	69 /-	/-	/-	/-	/-
K	15 /-	/-	/-	/-	/-

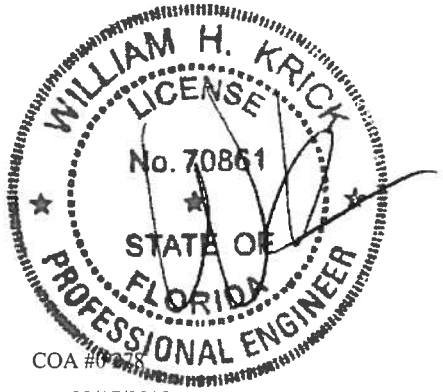
Wind reactions based on MWFRS
A Brg Width = 5.9 Min Req = 1.5
B Brg Width = 347 Min Req = -
K Brg Width = 5.9 Min Req = 1.5
Bearings A, B, & K are a rigid surface.
Members not listed have forces less than 375#

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

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

Plating Notes
All plates are 2X4 except as noted.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 10-1-15.



COA #0[illegible]28

09/17/2019

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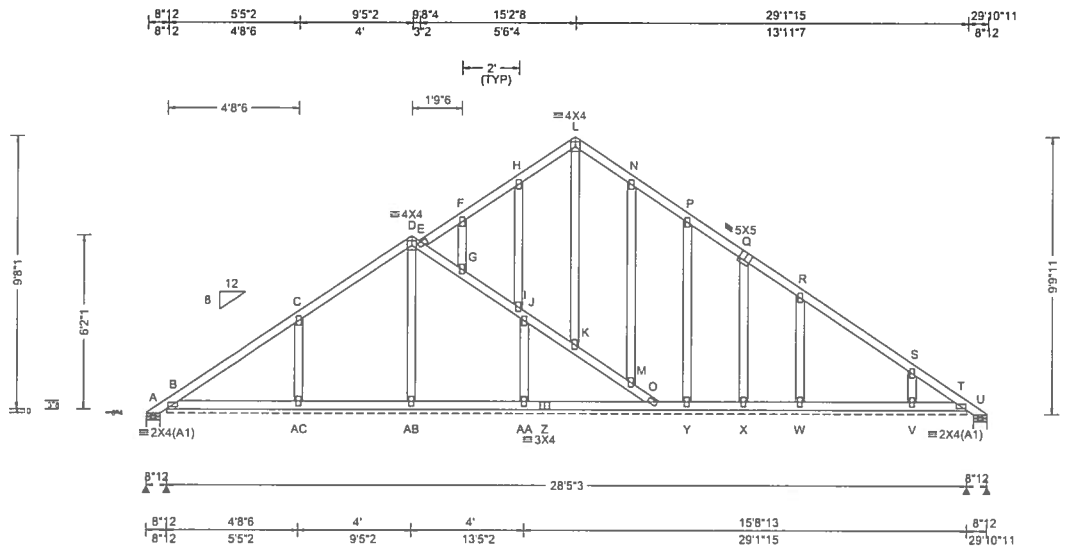
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652506 SPEC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P02		Cust: R 215 JRef: 1WOK2150007 T18 DrwNo: 260.19.1654.32283 GA / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: EXP: C Kzt: NA Mean Height: 0.00 ft TCDL: 5.0 psf BCDL: 2.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: NA GCpi: 0.18 Wind Duration: 0.00	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA **Code / Misc Criteria** Bldg Code: FBC 2017 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): 0.014 F 999 240 VERT(CL): 0.024 F 999 180 HORZ(LL): -0.009 F - - HORZ(TL): 0.016 F - - Creep Factor: 2.0 Max TC CSI: 0.235 Max BC CSI: 0.058 Max Web CSI: 0.151 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-73	/-	/-	/-	/-
B*	72	/-	/-	/-	/-	/-
U	30	/-	/-	/-	/-	/-

Wind reactions based on MWFRS
A Brg Width = 5.9 Min Req = 2.4
B Brg Width = 341 Min Req = -
U Brg Width = 5.9 Min Req = 1.5
Bearings A, B, & U 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

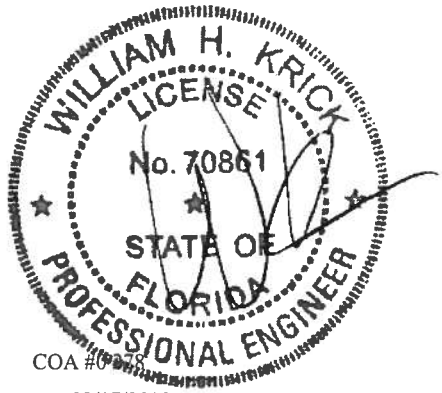
All plates are 2X4 except as noted.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-9-11.

LATERALLY BRACE TOP CHORD BELOW FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



COA #0[illegible]78

09/17/2019

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

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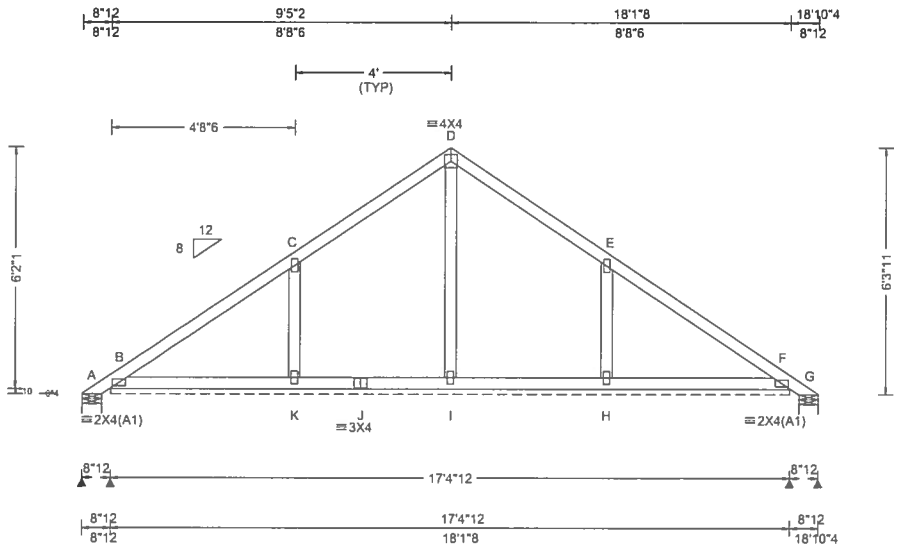
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 652510 COMN FROM: CDM	Ply: 1 Qty: 21	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P03	Cust: R 215 JRef: 1WOK2150007 T57 DrwNo: 260.19.1654.43927 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.12 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	K	999	240
VERT(CL): 0.004	K	999	180
HORZ(LL): 0.002	E	-	-
HORZ(TL): 0.003	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.240
Max BC CSI: 0.240
Max Web CSI: 0.086

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	-/-114	/-	/124	/175	/188
B*	122/-	/-	/52	/12	/-
G	-/-95	/-	/38	/70	/-
K	/-111				
H	/-103				

Wind reactions based on MWFRS
A Brg Width = 5.9 Min Req = 1.5
B Brg Width = 208 Min Req = -
G Brg Width = 5.9 Min Req = 1.5
Bearings A, B, & G are a rigid surface.
Members not listed have forces less than 375#

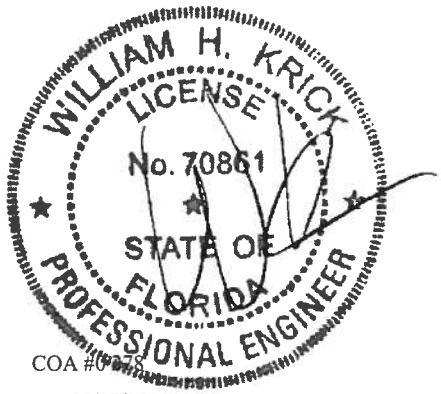
Lumber
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Plating Notes
All plates are 2X4 except as noted.

Loading
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.

Additional Notes
Refer to General Notes for additional information
Refer to DWG PB160101014 for piggyback details.
The overall height of this truss excluding overhang is 6-3-11.



COA #0278

09/17/2019

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

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

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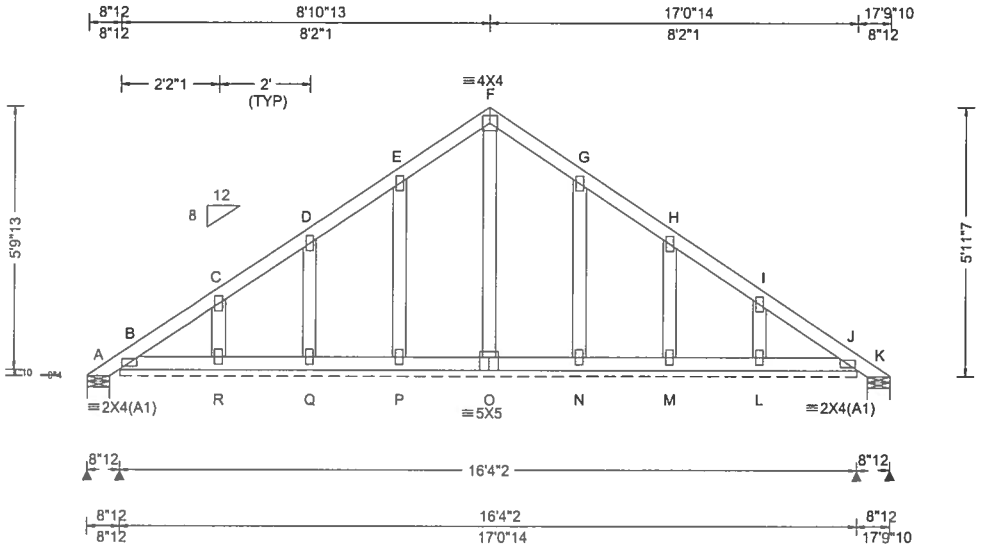
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652782 GABL FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P04	Cust: R 215 JRef: 1WOK2150007 T11 DrwNo: 260.19.1654.46433 GA / WHK 09/17/2019	



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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.12 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 **Code / Misc Criteria** Bldg Code: FBC 2017 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): 0.000 L 999 240 VERT(CL): 0.001 G 999 180 HORZ(LL): 0.000 E - - HORZ(TL): 0.001 E - - Creep Factor: 2.0 Max TC CSI: 0.051 Max BC CSI: 0.041 Max Web CSI: 0.054 VIEW Ver: 18.02.01B.0321.08	Gravity / Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 10 /- /- /6 /- /- B* 89 /- /- /46 /- /- K - /-4 /- /- /2 /- Wind reactions based on MWFRS A Brg Width = 5.9 Min Req = 1.5 B Brg Width = 196 Min Req = - K Brg Width = 5.9 Min Req = 1.5 Bearings A, B, & K are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Additional Notes

Refer to General Notes for additional information

Refer to DWG PB160101014 for piggyback details.

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

09/17/2019

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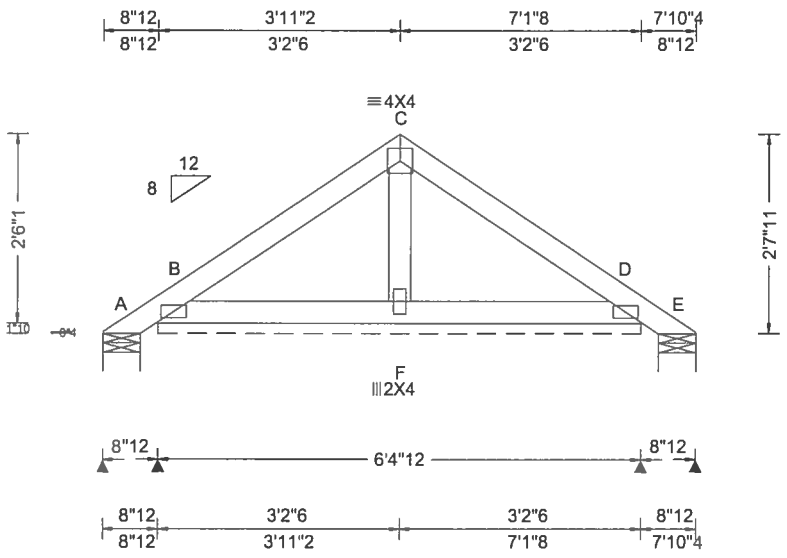
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652785 COMN FROM: CDM	Ply: 1 Qty: 11	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P05	Cust: R 215 JRef:1WOK2150007 T39 DrwNo: 260.19.1654.49333 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	F	999	240
VERT(CL): 0.002	F	999	180
HORZ(LL): 0.001	F	-	-
HORZ(TL): 0.001	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.112
Max BC CSI: 0.150
Max Web CSI: 0.016

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-51	/-	/54	/68	/71
B*	136	/-	/-	/55	/-	/-
E	-	/-48	/-	/14	/28	/-

Wind reactions based on MWFRS
A Brg Width = 5.9 Min Req = 1.5
B Brg Width = 76.8 Min Req = -
E Brg Width = 5.9 Min Req = 1.5
Bearings A, B, & E are a rigid surface.
Members not listed have forces less than 375#

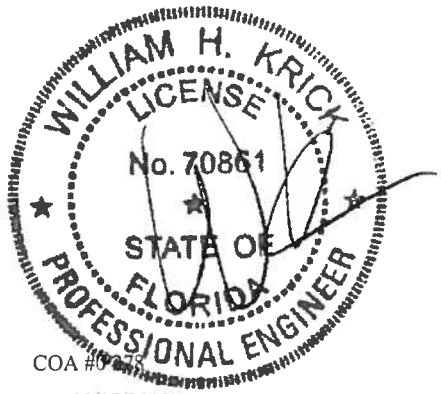
Lumber
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

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

Loading
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.

Additional Notes
Refer to General Notes for additional information
Refer to DWG PB160101014 for piggyback details.
The overall height of this truss excluding overhang is 2-7-11.



COA #0[illegible]
09/17/2019

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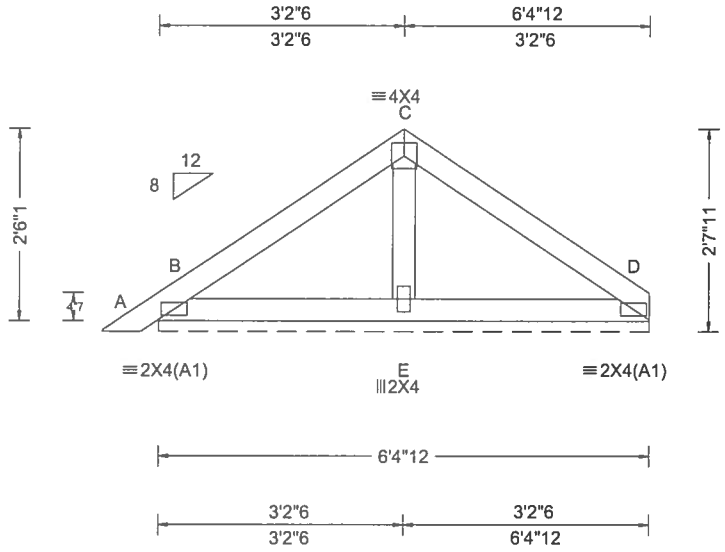
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 624214 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P06		Cust: R 215 JRef: 1WOK2150007 T36 DrwNo: 260.19.1654.53253 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	E	999	240
VERT(CL): 0.002	E	999	180
HORZ(LL): -0.001	E	-	-
HORZ(TL): 0.002	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.129
Max BC CSI: 0.115
Max Web CSI: 0.010

VIEW Ver: 18.02.00A.1126.20

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	96	/-	/-	/44	/-	/11

Wind reactions based on MWFRS
B Brg Width = 76.8 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

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.

Additional Notes

Refer to General Notes for additional information

Refer to DWG PB160101014 for piggyback details.

The overall height of this truss excluding overhang is 2-7-11.

COA #0[illegible]

09/17/2019

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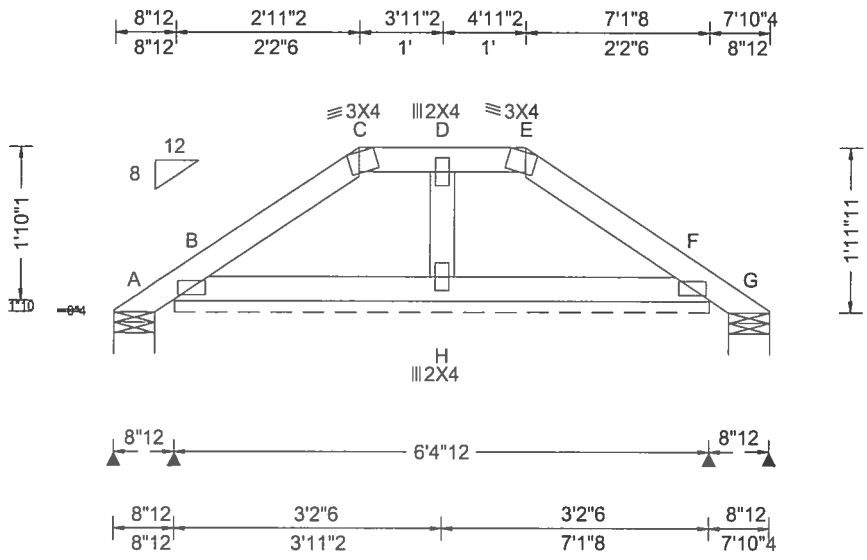
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 624203 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P07		Cust: R 215 JRef: 1WOK2150007 T38 DrwNo: 260.19.1654.56670 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	C	999	240
VERT(CL): 0.004	C	999	180
HORZ(LL): 0.001	C	-	-
HORZ(TL): 0.002	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.040
Max BC CSI: 0.083
Max Web CSI: 0.017

VIEW Ver: 18.02.00A.1126.20

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	3	/-	/-	/44	/42	/52
B*	96	/-	/-	/48	/-	/-
G	10	/-6	/-	/15	/13	/-

Wind reactions based on MWFRS
A Brg Width = 5.9 Min Req = 1.5
B Brg Width = 76.8 Min Req = -
G Brg Width = 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(A1) except as noted.

Purlins

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

Wind

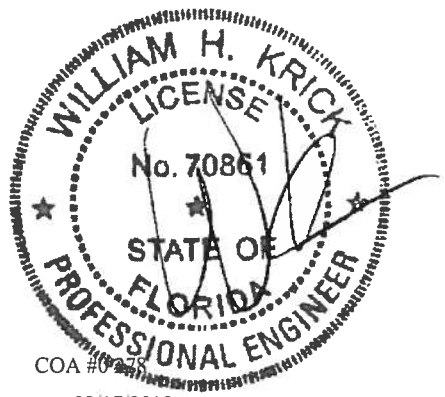
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

Refer to DWG PB160101014 for piggyback details.

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



COA #[illegible]

09/17/2019

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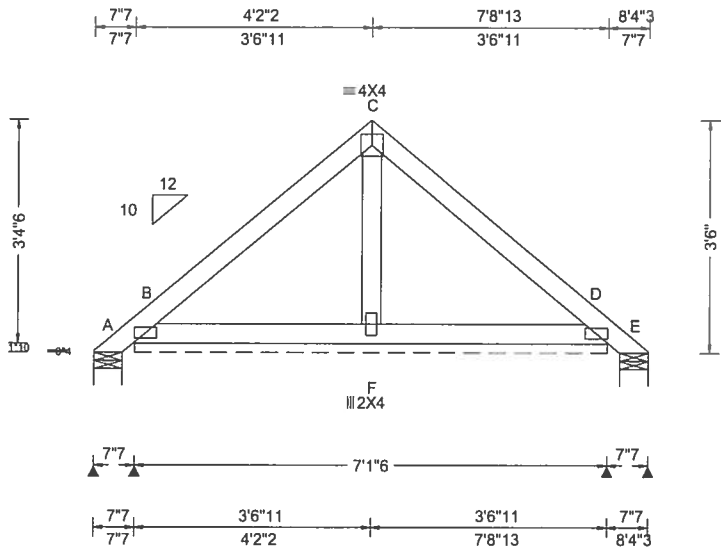
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652687 COMN FROM: CDM	Ply: 1 Qty: 6	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P08		Cust: R 215 JRef: 1WOK2150007 T55 DrwNo: 260.19.1654.58563 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category:
EXP: C Kzt: NA
Mean Height: 0.00 ft
TCDL: 5.0 psf
BCDL: 2.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 0.00

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	F	999	240
VERT(CL): 0.001	F	999	180
HORZ(LL): 0.001	F	-	-
HORZ(TL): 0.001	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.141
Max BC CSI: 0.043
Max Web CSI: 0.021

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	-79	/ -	/ -	/ -	/ -
B*	100	/ -	/ -	/ -	/ -
E	-79	/ -	/ -	/ -	/ -

Wind reactions based on MWFRS
A Brg Width = 5.2 Min Req = 1.5
B Brg Width = 85.4 Min Req = -
E Brg Width = 5.2 Min Req = 1.5
Bearings A, B, & E are a rigid surface.
Members not listed have forces less than 375#

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

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

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 3-6-0.

COA #[illegible]78

09/17/2019

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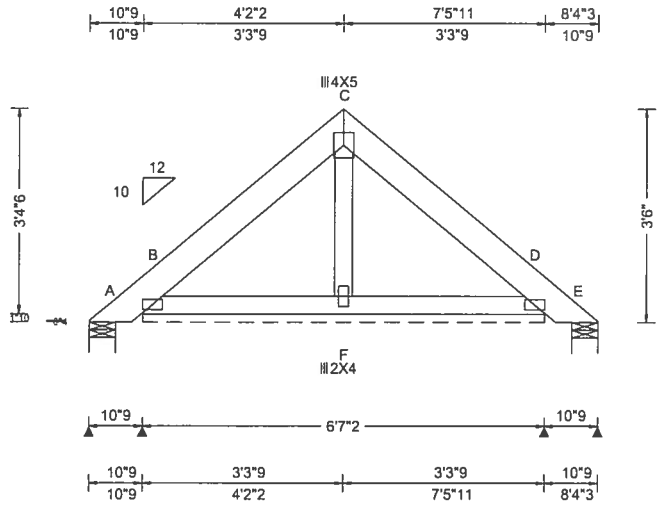
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652689 COMN FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P09	Cust: R 215 JRef: 1WOK2150007 T53 DrwNo: 260.19.1655.02980 GA / WHK 09/17/2019	

2 Complete Trusses Required



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 48.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 2.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	C	999	240
VERT(CL): 0.000	C	999	180
HORZ(LL): 0.001	F	-	-
HORZ(TL): 0.001	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.027
Max BC CSI: 0.057
Max Web CSI: 0.022

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-68	/-	/167	/173	/193
B*	182	/-	/-	/133	/58	/-
E	-	/-68	/-	/60	/56	/-

Wind reactions based on MWFRS
A Brg Width = 5.2 Min Req = 1.5
B Brg Width = 79.1 Min Req = -
E Brg Width = 5.2 Min Req = 1.5
Bearings A, B, & E are a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3

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.

Plating Notes

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

Purlins

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

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 3-6-0.

COA #0[illegible]78

09/17/2019

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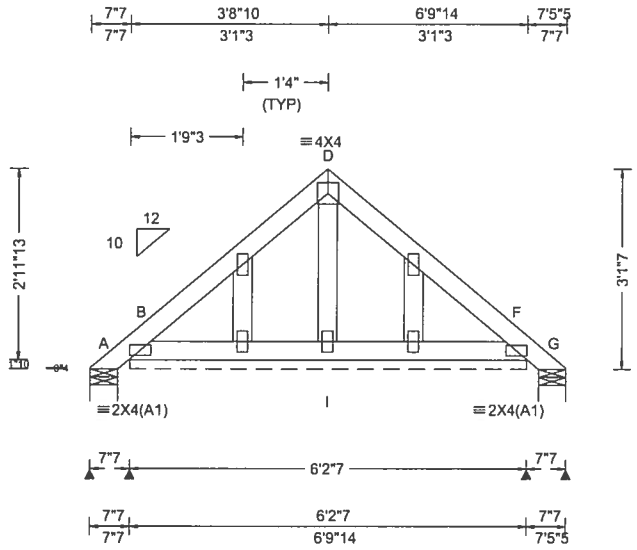
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652691 GABL FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** P10		Cust: R 215 JRef: 1WOK2150007 T69 DrwNo: 260.19.1655.05077 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category:
EXP: C Kzt: NA
Mean Height: 0.00 ft
TCDL: 5.0 psf
BCDL: 2.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 0.00

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	E	999	240
VERT(CL): 0.000	E	999	180
HORZ(LL): 0.000	C	-	-
HORZ(TL): 0.000	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.026
Max BC CSI: 0.010
Max Web CSI: 0.020

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	10	/-	/-	/-	/-	/-
B*	76	/-	/-	/-	/-	/-
G	10	/-	/-	/-	/-	/-

Wind reactions based on MWFRS
A Brg Width = 5.2 Min Req = 1.5
B Brg Width = 74.4 Min Req = -
G Brg Width = 5.2 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.

Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

The overall height of this truss excluding overhang is 3-1-7.

COA #0278

09/17/2019

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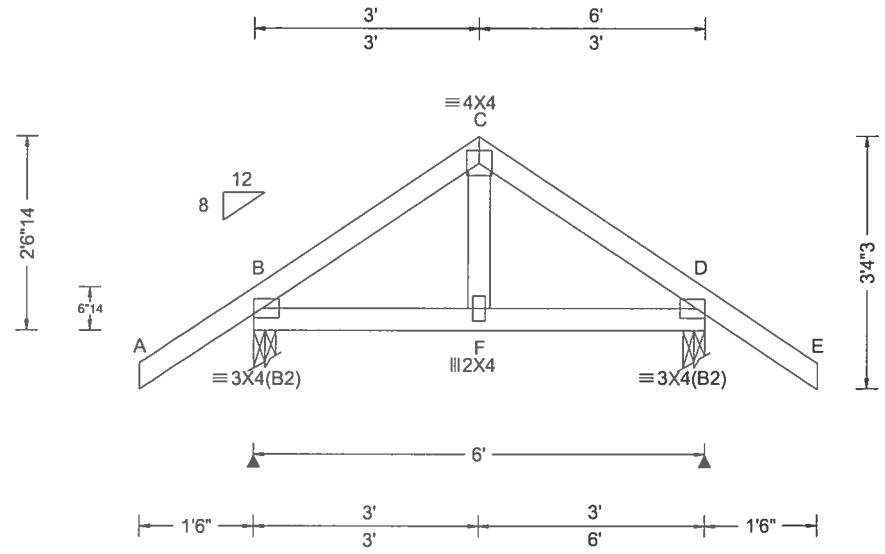
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652601 COMN FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** Q01	Cust: R 215 JRef: 1WOK2150007 T46 DrwNo: 260.19.1655.07513 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	F	999	240
VERT(CL): 0.006	F	999	180
HORZ(LL): 0.002	F	-	-
HORZ(TL): 0.004	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.190
Max BC CSI: 0.100
Max Web CSI: 0.044

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	355	/-	/-	/247	/20	/108
D	355	/-	/-	/247	/20	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
D Brg Width = 3.5 Min Req = 1.5
Bearings B & D are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

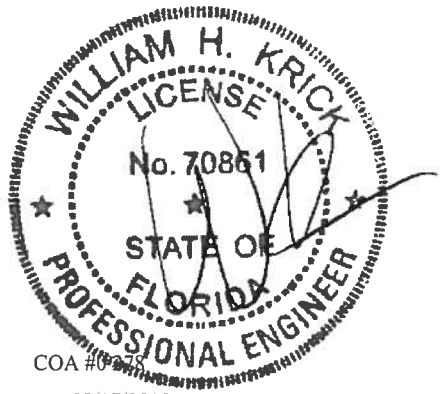
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 2-6-14.



COA #[illegible]

09/17/2019

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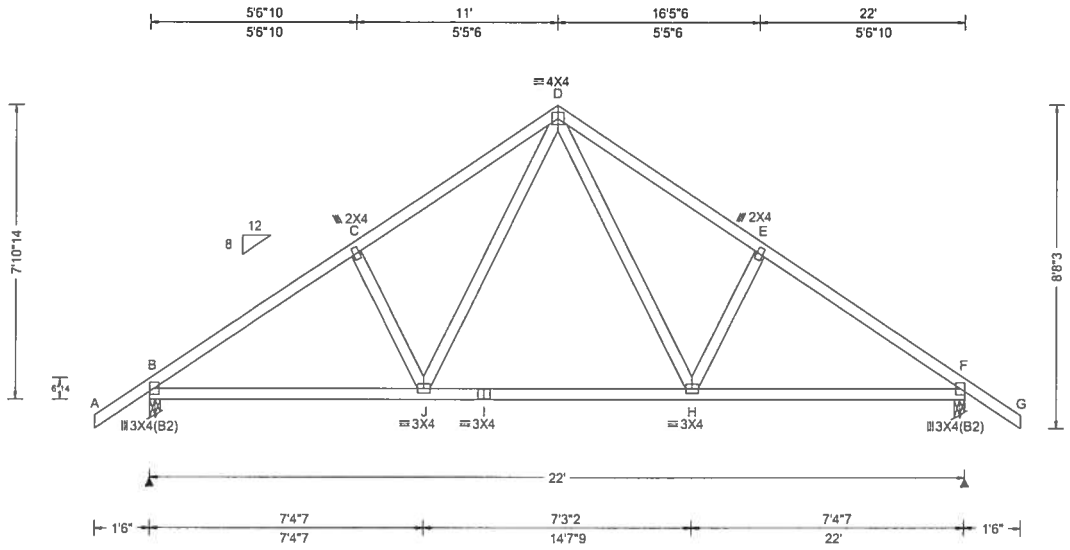
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652628 COMN FROM: CDM	Ply: 1 Qty: 12	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** R01		Cust: R 215 JRef: 1WOK2150007 T47 DrwNo: 260.19.1655.12253 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Part. Enc.
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: 0.55
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.054	H	999	240
VERT(CL): 0.104	H	999	180
HORZ(LL): 0.029	H	-	-
HORZ(TL): 0.056	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.499
Max BC CSI: 0.623
Max Web CSI: 0.328

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1096	/-	/-	/785	/322	/256
F	1096	/-	/-	/785	/322	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
F Brg Width = 3.5 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	443	-1402	D - E	499	-1247
C - D	498	-1246	E - F	444	-1403

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	1076	-259	I - H	741	-145
J - I	741	-145	H - F	1076	-268

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - D	504	-241	D - H	505	-240

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.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 7-10-14.

COA #0278

09/17/2019

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ALPINE
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6750 Forum Drive
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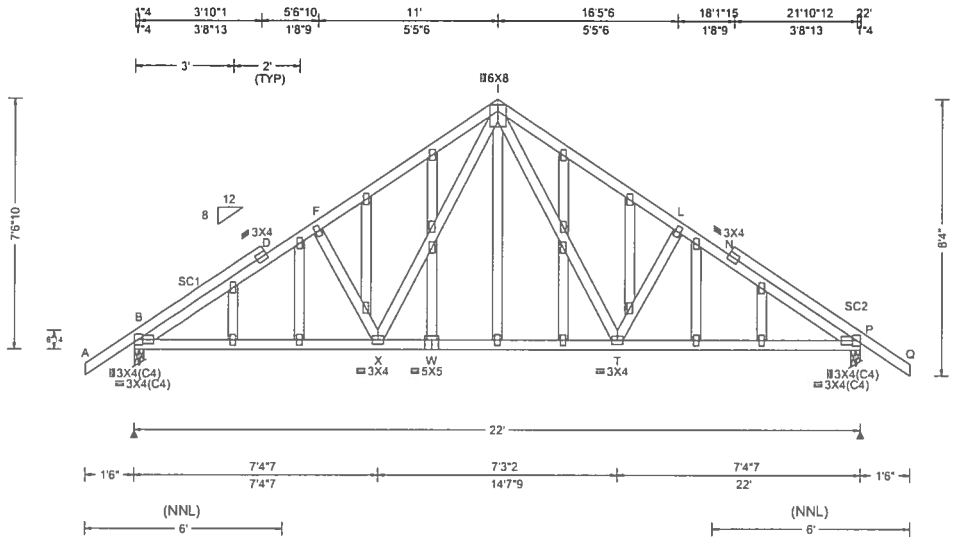
Orlando FL, 32821

SEQN: 652632 GABL FROM: CDM Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** R02	Cust: R 215 JRef: 1WOK2150007 T48 DrwNo: 260.19.1655.16607 GA / WHK 09/17/2019	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Part. Enc.
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: 0.55
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.066	H	999	240
VERT(CL): 0.126	H	999	180
HORZ(LL): 0.034	D	-	-
HORZ(TL): 0.064	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.660
Max BC CSI: 0.668
Max Web CSI: 0.517

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1902	/-	/-	/1131	/520	/507
P	1902	/-	/-	/1131	/520	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 2.2
P Brg Width = 3.5 Min Req = 2.2
Bearings B & P 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 - D	608	-1550	I - L	1132	-2113
B - D	429	-965	L - N	956	-2218
D - F	958	-2218	N - P	608	-1550
F - I	1133	-2113	N - P	427	-965

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - X	1921	-550	W - T	1281	-211
X - W	1281	-211	T - P	1921	-569

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - X	408	-642	I - T	836	-520
X - I	837	-522	T - L	405	-640

Lumber

Top chord 2x4 SP 2400f-2.0E
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.

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

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

COA #[illegible]

09/17/2019

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

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6750 Forum Drive
Suite 305
Orlando FL, 32821

Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 7-6-10.

COA #0778

09/17/2019

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ALPINE
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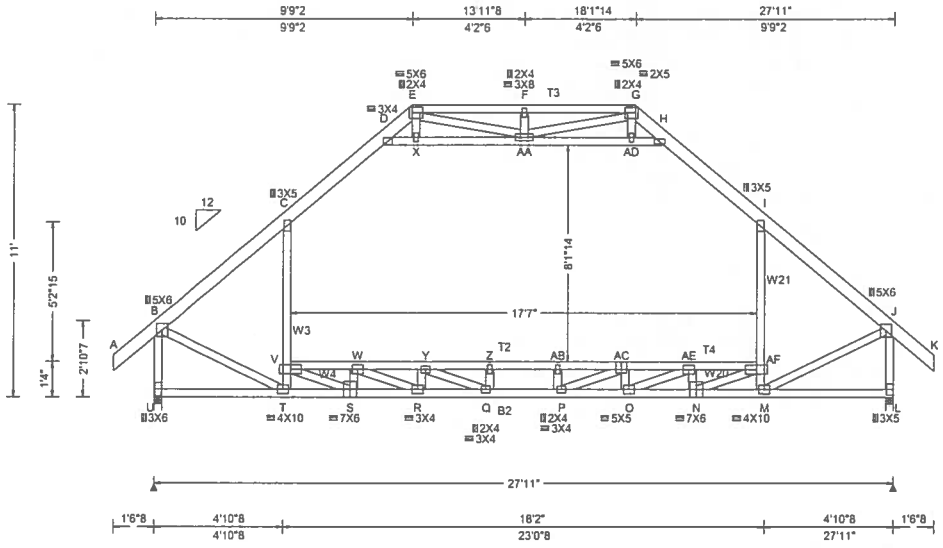
SEQN: 652673 ATIC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** S01	Cust: R 215 JRef: 1WOK2150007 T66 DrwNo: 260.19.1655.24387 GA / WHK 09/17/2019	



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.411	F	814	480
VERT(CL): 0.800	P	418	360
HORZ(LL): 0.293	C	-	-
HORZ(TL): 0.623	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.714
Max BC CSI: 0.759
Max Web CSI: 0.674

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
U	2494	/-	/-	/781	/204	/290
L	2378	/-	/-	/683	/184	/-

Wind reactions based on MWFRS
U Brg Width = 3.5 Min Req = 2.9
L Brg Width = 3.5 Min Req = 2.8
Bearings U & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	283	-2175	H - I	352	-1650
C - D	350	-1652	I - J	262	-2171

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	1438	-288	P - O	5254	-36
S - R	3864	-251	O - N	3887	-79
R - Q	5253	-83	N - M	1454	-128
Q - P	5944	-19			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - U	336	-2464	AA-AD	329	-2027
B - T	1634	-81	AA- G	729	-262
T - V	86	-497	AB-AC	0	-4431
C - V	678	-18	P -AC	832	-139
V - S	2376	0	AC- O	41	-586
V - W	247	-2364	AC-AE	75	-3735
S - W	64	-847	O -AE	1456	-87
W - R	1476	-84	AD- G	439	-67
W - Y	69	-3739	AD- H	343	-2115
D - X	326	-2134	AE- N	64	-845
E - X	442	-64	AE-AF	253	-2381
E -AA	739	-254	N -AF	2383	0
X -AA	313	-2046	AF- M	101	-501
R - Y	39	-586	AF- I	677	-40
Y - Q	829	-138	M - J	1634	-121
Y - Z	0	-4431	J - L	268	-2346
Z -AB	0	-4465			

Lumber

Top chord 2x6 SP 2400f-2.0E
:T2 2x4 SP 2400f-2.0E:
:T3, T4 2x4 SP #2:
Bot chord 2x4 SP #2
:B2 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:W3, W4, W20, W21 2x4 SP #2:

Plating Notes

All plates are 4X5 except as noted.

Loading

Attic room loading from 5-2-0 to 22-9-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

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

Wind

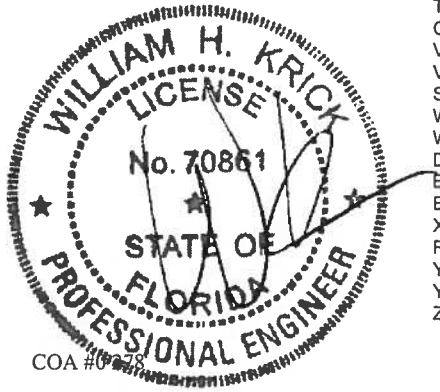
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

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



COA #[illegible]278

09/17/2019

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ALPINE
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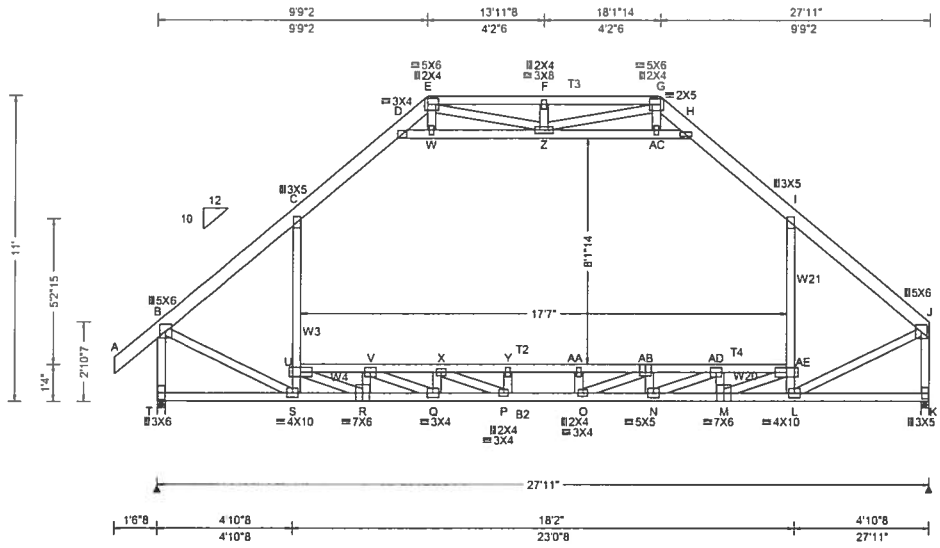
SEQN: 652667 ATIC FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** S02		Cust: R 215 JRef: 1WOK2150007 T68 DrwNo: 260.19.1655.44753 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.411	F	814	480
VERT(CL): 0.800	O	418	360
HORZ(LL): 0.293	C	-	-
HORZ(TL): 0.623	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.714
Max BC CSI: 0.759
Max Web CSI: 0.674

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh		/ Rw	/ U	/ RL
T	2494	/-	/-		/781	/204	/290
K	2378	/-	/-		/683	/184	/-

Wind reactions based on MWFRS
T Brg Width = 3.5 Min Req = 2.9
K Brg Width = 3.5 Min Req = 2.8
Bearings T & 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	283	-2175	H - I	352	-1650
C - D	350	-1652	I - J	262	-2171

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	1438	-288	O - N	5254	-36
R - Q	3864	-251	N - M	3887	-79
Q - P	5253	-83	M - L	1454	-128
P - O	5944	-19			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - T	336	-2464	Z -AC	329	-2027
B - S	1634	-81	Z - G	729	-262
S - U	86	-497	AA-AB	0	-4431
C - U	678	-18	O -AB	832	-139
U - R	2376	0	AB- N	41	-586
U - V	247	-2364	AB-AD	75	-3735
R - V	64	-847	N -AD	1456	-87
V - Q	1476	-84	AC- G	439	-67
V - X	69	-3739	AC- H	343	-2115
D - W	326	-2134	AD- M	64	-845
E - W	442	-64	AD-AE	253	-2381
E - Z	739	-254	M -AE	2383	0
W - Z	313	-2046	AE- L	101	-501
Q - X	39	-586	AE- I	677	-40
X - P	829	-138	L - J	1634	-121
X - Y	0	-4431	J - K	268	-2346
Y -AA	0	-4465			

Lumber

Top chord 2x6 SP 2400f-2.0E
:T2 2x4 SP 2400f-2.0E:
:T3, T4 2x4 SP #2:
Bot chord 2x4 SP #2
:B2 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:W3, W4, W20, W21 2x4 SP #2:

Plating Notes

All plates are 4X5 except as noted.

Loading

Attic room loading from 5-2-0 to 22-9-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

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

Wind

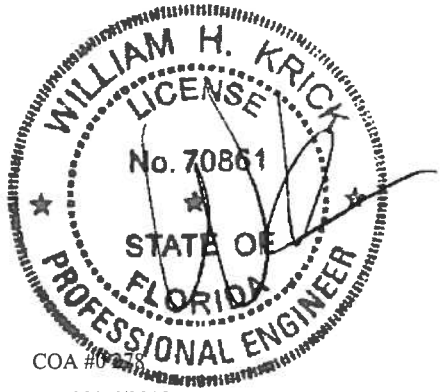
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

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



COA #[illegible]

09/17/2019

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ALPINE
ANITW COMPANY
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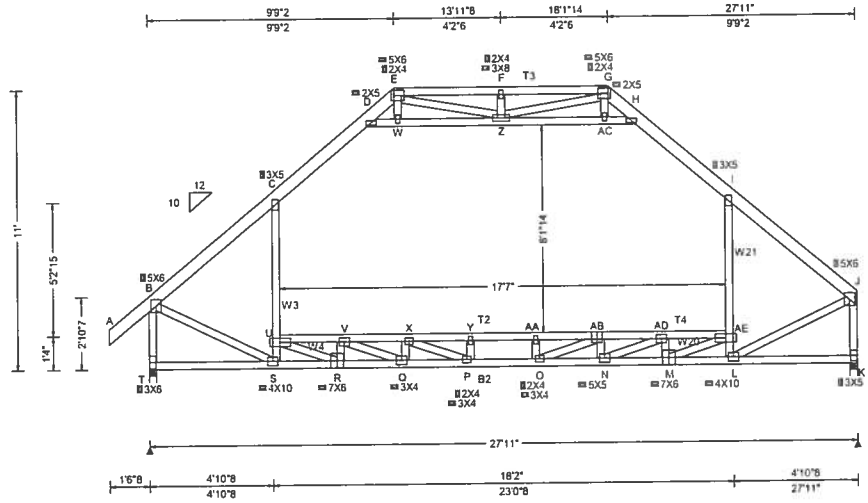
SEQN: 652685 ATIC FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** S03	Cust: R 215 JRef: 1WOK2150007 T56 DrwNo: 260.19.1655.50910 GA / WHK 09/17/2019	

2 Complete Trusses Required



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 48.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.412	F	812	240
VERT(CL): 0.800	O	418	180
HORZ(LL): 0.294	C	-	-
HORZ(TL): 0.624	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.823
Max BC CSI: 0.835
Max Web CSI: 0.674

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
T	4977	/-	/-	/1564	/410	/581
K	4746	/-	/-	/1366	/369	/-

Wind reactions based on MWFRS
T Brg Width = 3.5 Min Req = 2.9
K Brg Width = 3.5 Min Req = 2.8
Bearings T & 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	284	-2169	H - I	352	-1642
C - D	350	-1645	I - J	262	-2166

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	1433	-288	O - N	5250	-36
R - Q	3860	-251	N - M	3883	-79
Q - P	5249	-83	M - L	1450	-128
P - O	5940	-19			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - T	337	-2458	Z -AC	329	-2027
B - S	1628	-80	Z - G	729	-262
S - U	86	-495	AA-AB	0	-4432
C - U	681	-18	O -AB	832	-139
U - R	2376	0	AB- N	41	-586
U - V	247	-2365	AB-AD	75	-3735
R - V	64	-847	N -AD	1456	-87
V - Q	1476	-84	AC- G	438	-66
V - X	69	-3739	AC- H	343	-2115
D - W	326	-2134	AD- M	64	-845
E - W	441	-64	AD-AE	253	-2382
E - Z	739	-254	M -AE	2383	0
W - Z	313	-2045	AE- L	101	-499
Q - X	39	-586	AE- I	680	-40
X - P	829	-138	L - J	1629	-121
X - Y	0	-4432	J - K	268	-2340
Y -AA	0	-4466			

Lumber

Top chord 2x6 SP 2400f-2.0E
:T2 2x4 SP 2400f-2.0E:
:T3, T4 2x4 SP #2:
Bot chord 2x4 SP #2
:B2 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:W3, W4, W20, W21 2x4 SP #2:

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 8.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes

All plates are 4X5 except as noted.

Loading

Attic room loading from 5-2-0 to 22-9-0: Live Load: 40 PSF, Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

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

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

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

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

COA #0778

09/17/2019

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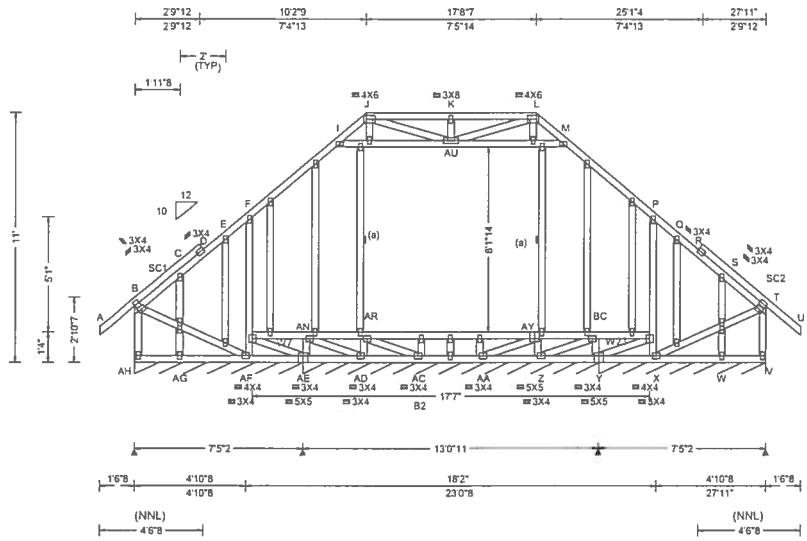
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652791 GABL	Ply: 1	**Job Number:** 19-3124B	Cust: R 215 JRef: 1WOK2150007 T50
FROM: CDM	Qty: 2	/MIKE & ANGELA WOOD RES. /Plumb Level Construction	DrwNo: 260.19.1656.14807
Page 1 of 2		**Truss Label:** S04	GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.024	K	999	240
VERT(CL): 0.045	K	999	180
HORZ(LL): 0.004	P	-	-
HORZ(TL): 0.008	P	-	-

Creep Factor: 2.0
Max TC CSI: 0.291
Max BC CSI: 0.235
Max Web CSI: 0.263

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AH *205	/-	/-	/81	/0	/16
AE *188	/-	/-	/43	/-	/-
Y * 120	/-	/-	/52	/2	/-

Wind reactions based on MWFRS
AH Brg Width = 89.1 Min Req = -
AE Brg Width = 156 Min Req = -
Y Brg Width = 89.1 Min Req = -
Bearings AH, AE, & Y 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.
J - K	239	-716	K - L	238	-716

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B -AH	99	-422	AU- L	528	-161
AE-AN	0	-490	AY- Z	34	-517
AD-AR	32	-516	BC- Y	0	-488
J -AU	528	-161			

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
:B2 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3
:W7, W23 2x4 SP #2:
:Stack Chord SC1 2x4 SP #2:
:Stack Chord SC2 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

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.

Attic room loading from 5-2-0 to 22-9-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

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

Wind

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

End verticals not exposed to wind pressure.

COA #6778

09/17/2019

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SEQN: 652791 GABL FROM: CDM Page 2 of 2	Ply: 1 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** S04	Cust: R 215 JRef: 1WOK2150007 T50 DrwNo: 260.19.1656.14807 GA / WHK 09/17/2019

Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 11-0-0.

COA #0778

09/17/2019

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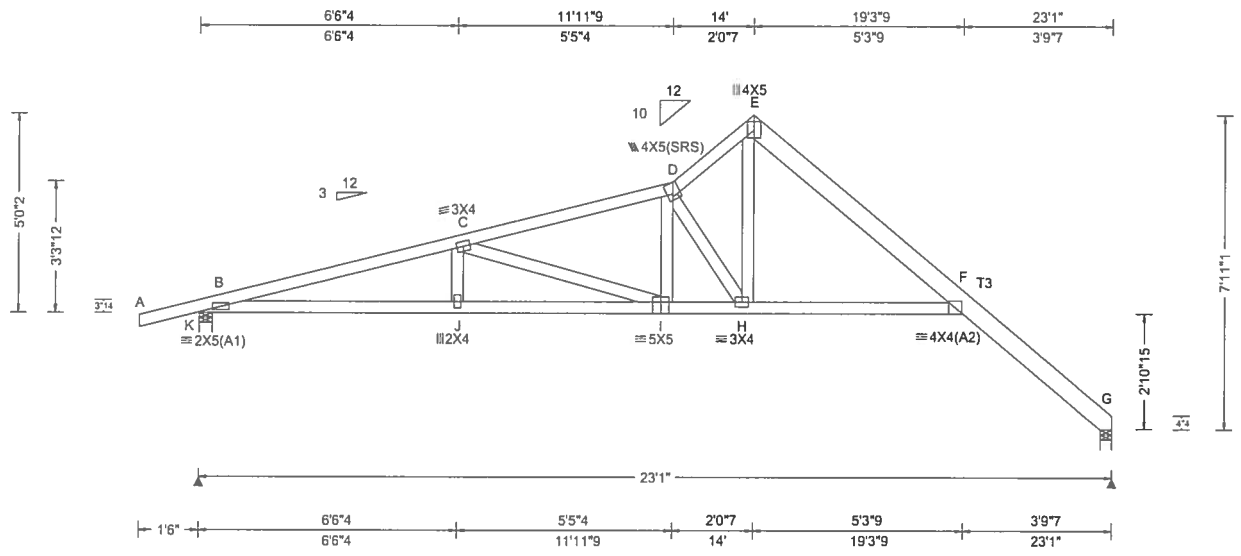
SEQN: 652794 SPEC FROM: CDM	Ply: 1 Qty: 8	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** T01		Cust: R 215 JRef: 1WOK2150007 T54 DrwNo: 260.19.1656.17380 GA / WHK 09/17/2019



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 16.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 20.72 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.484	H	561	240
VERT(CL): 0.994	H	273	180
HORZ(LL): 0.101	E	-	-
HORZ(TL): 0.208	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.667
Max BC CSI: 0.496
Max Web CSI: 0.338

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	693	/-	/-	/359	/139	/131
G	653	/-	/-	/405	/93	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	460	-1830	E - F	217	-848
C - D	331	-1271	F - G	147	-407
D - E	288	-1017			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	1752	-348	I - H	1184	-185
J - I	1747	-349	H - F	793	-52

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - I	168	-571	H - E	644	-196
D - H	240	-699			

Lumber

Top chord 2x4 SP #2
:T3 2x6 SP 2400f-2.0E:
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind

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

Additional Notes

Refer to General Notes for additional information

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

COA #0

09/17/2019

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

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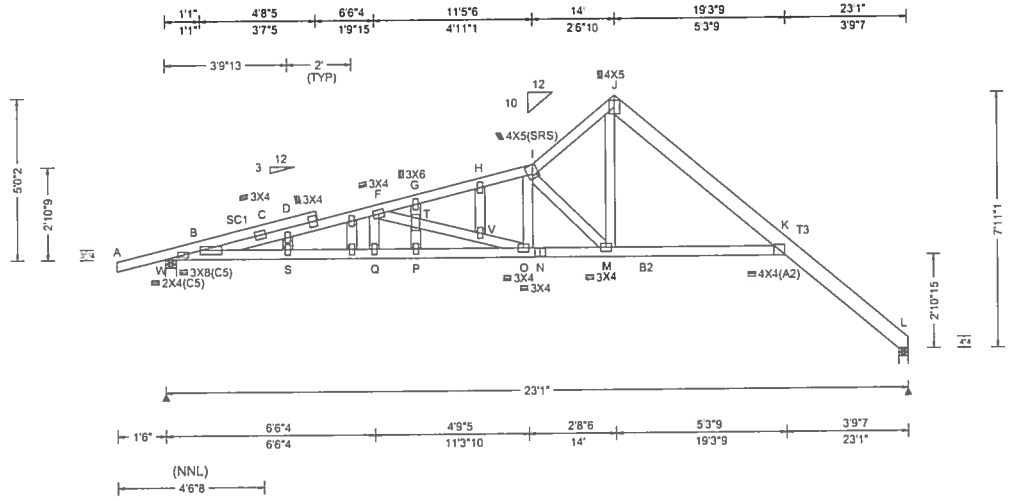
SEQN: 652800 GABL FROM: CDM Page 1 of 2	Ply: 2 Qty: 2	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** T02	Cust: R 215 JRef: 1WOK2150007 T58 DrwNo: 260.19.1656.21040 GA / WHK 09/17/2019

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 16.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 20.72 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 7.02 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 **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.638 M 423 240 VERT(CL): 1.013 M 266 180 HORZ(LL): -0.117 J - - HORZ(TL): 0.181 J - - Creep Factor: 2.0 Max TC CSI: 0.765 Max BC CSI: 0.456 Max Web CSI: 0.320 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
W	1412 / -	/ -	/575	/1014	/606
L	1282 / -	/ -	/640	/1316	/ -

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	1512	-2224	H - I	1075	-1438
C - D	1503	-2192	I - J	801	-1038
D - F	1527	-2203	J - K	581	-867
F - G	1042	-1450	K - L	456	-401
G - H	1058	-1448			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	2146	-1112	O - N	1358	-583
S - Q	2140	-1110	N - M	1358	-583
Q - P	2117	-1096	M - K	792	-126
P - O	2117	-1096			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - T	510	-761	I - M	647	-800
T - V	507	-754	M - J	595	-474
V - O	522	-771			

Lumber

Top chord 2x4 SP #2
:T3 2x6 SP 2400f-2.0E:
Bot chord 2x4 SP 2400f-2.0E
:B2 2x4 SP #2:
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2:

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.

Plating Notes

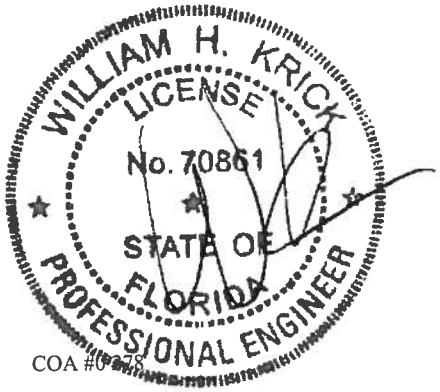
All plates are 2X4 except as noted.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 16.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

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



COA #0278

09/17/2019

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Orlando FL, 32821

Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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 5-0-2.

COA #0778

09/17/2019

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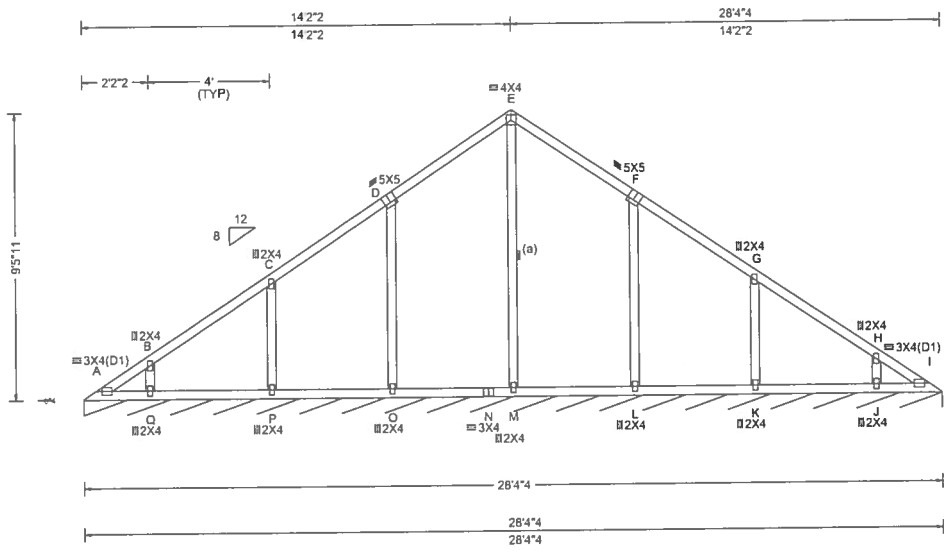
SEQN: 652771 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V1	Cust: R 215 JRef: 1WOK2150007 T42 DrwNo: 260.19.1656.23580 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.99 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.002 D	999	240
VERT(CL):	0.003 D	999	180
HORZ(LL):	0.004 F	-	-
HORZ(TL):	0.005 F	-	-

Creep Factor: 2.0
Max TC CSI: 0.209
Max BC CSI: 0.115
Max Web CSI: 0.239

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
I*	83 /-	/-	/45	/-	/9

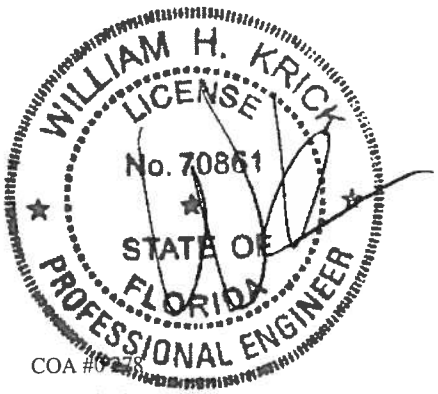
Wind reactions based on MWFRS
I Brg Width = 340 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

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

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

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

Additional Notes
Refer to General Notes for additional information
See DWG VAL160101014 for valley details.
The overall height of this truss excluding overhang is 9-5-11.



COA #0[illegible]

09/17/2019

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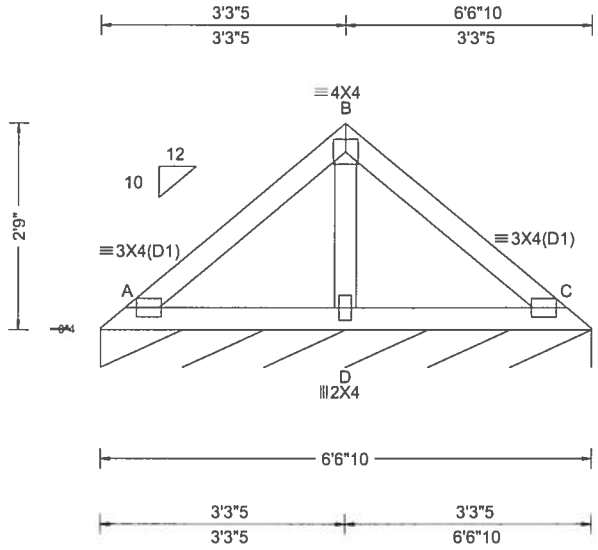
SEQN: 652765 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V10	Cust: R 215 JRef:1WOK2150007 T73 DrwNo: 260.19.1656.25160 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.02 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	D	999	240
VERT(CL): 0.006	D	999	180
HORZ(LL): -0.002	D	-	-
HORZ(TL): 0.004	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.148
Max BC CSI: 0.116
Max Web CSI: 0.058

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/45	/-	/11

Wind reactions based on MWFRS
C Brg Width = 78.6 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

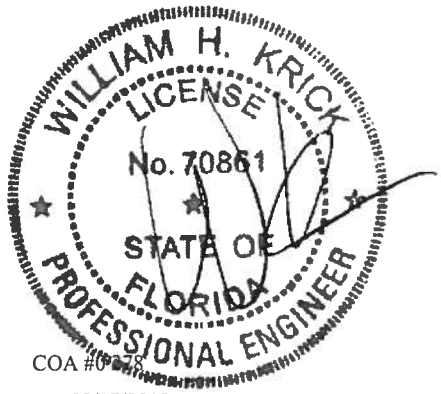
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 2-9-0.



COA #0278

09/17/2019

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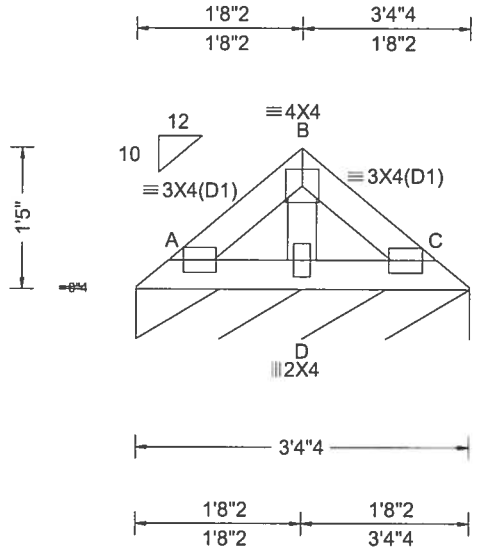
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652766 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V11	Cust: R 215 JRef: 1WOK2150007 T74 DrwNo: 260.19.1656.26677 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.68 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	D	999	240
VERT(CL): 0.001	D	999	180
HORZ(LL): -0.000	D	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.030
Max BC CSI: 0.019
Max Web CSI: 0.019

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	82	/-	/-	/42	/1	/9

Wind reactions based on MWFRS
C Brg Width = 40.2 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

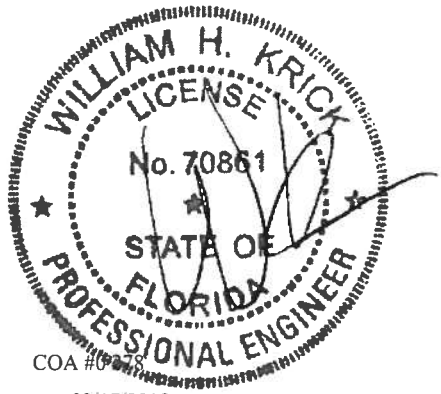
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 1-5-0.



COA #[illegible]

09/17/2019

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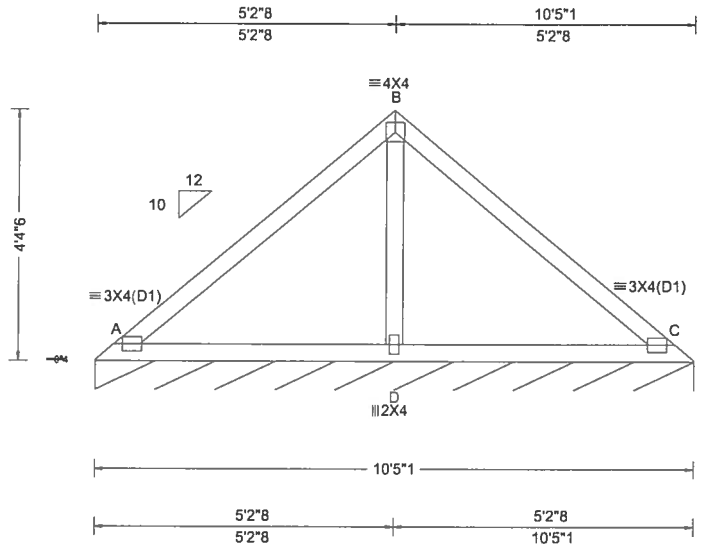
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652767 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V12	Cust: R 215 JRef: 1WOK2150007 T75 DrwNo: 260.19.1656.28080 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.012	D	999	240
VERT(CL): 0.026	D	999	180
HORZ(LL): -0.007	D	-	-
HORZ(TL): 0.016	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.403
Max BC CSI: 0.334
Max Web CSI: 0.197

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
C*	85 / -	/ -	/46	/11	/11

Wind reactions based on MWFRS
C Brg Width = 125 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	246	-583

Lumber

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

Wind

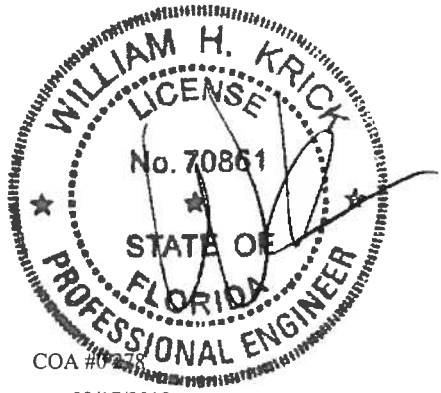
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

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



COA #[illegible]278

09/17/2019

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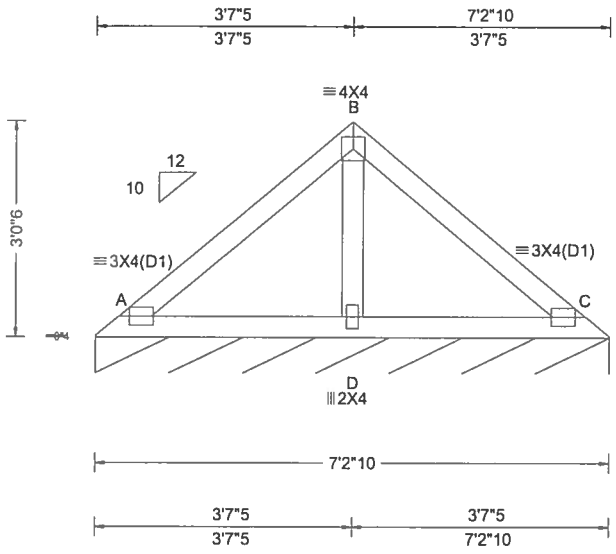
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652768 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V13		Cust: R 215 JRef: 1WOK2150007 T76 DrwNo: 260 19.1656 29533 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.16 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	D	999	240
VERT(CL): 0.009	D	999	180
HORZ(LL): -0.003	D	-	-
HORZ(TL): 0.005	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.183
Max BC CSI: 0.146
Max Web CSI: 0.071

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/45	/10	/11

Wind reactions based on MWFRS
C Brg Width = 86.6 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 3-0-6.

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

COA #[illegible]78

09/17/2019

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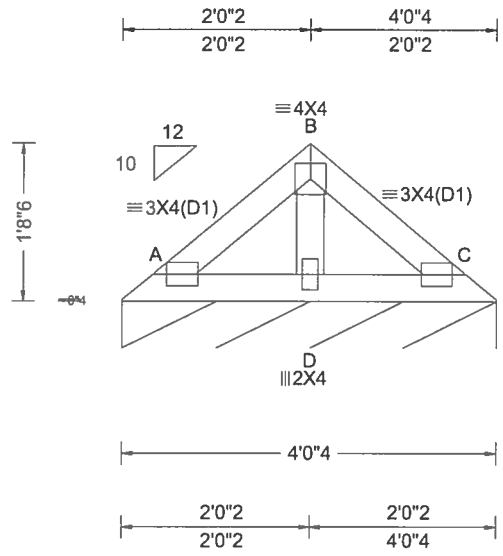
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652769 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V14	Cust: R 215 JRef:1WOK2150007 T77 DrwNo: 260.19.1656.30890 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.82 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	D	999	240
VERT(CL): 0.001	D	999	180
HORZ(LL): -0.000	D	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.045
Max BC CSI: 0.030
Max Web CSI: 0.025

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	82	/-	/-	/43	/-	/10

Wind reactions based on MWFRS
C Brg Width = 48.2 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

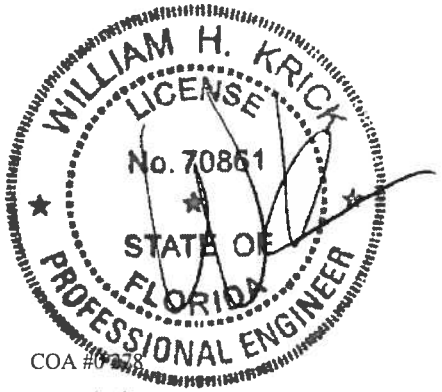
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 1-8-6.



COA #0278

09/17/2019

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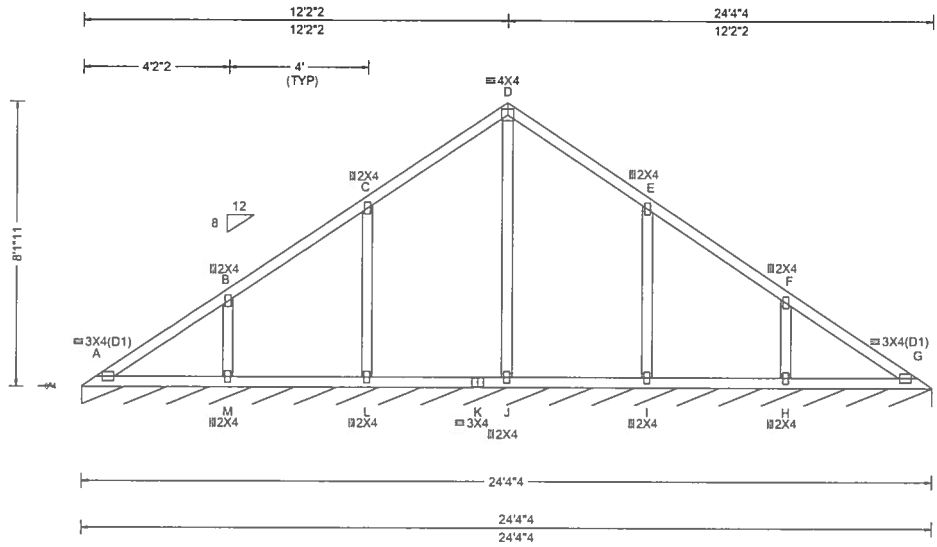
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652773 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V2	Cust: R 215 JRef:1WOK2150007 T51 DrwNo: 260.19.1656.32370 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.66 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	H	999	240
VERT(CL): 0.013	H	999	180
HORZ(LL): 0.003	E	-	-
HORZ(TL): 0.005	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.211
Max BC CSI: 0.160
Max Web CSI: 0.289

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G*	83	/-	/-	/44	/-	/9

Wind reactions based on MWFRS
G Brg Width = 292 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

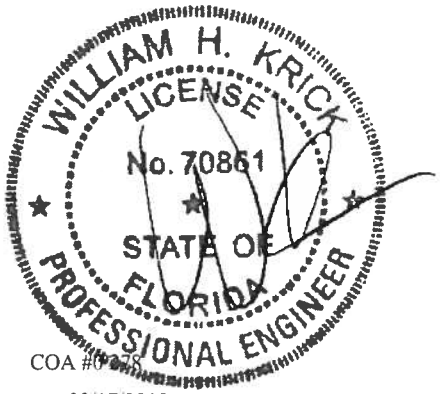
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 8-1-11.



COA #[illegible]

09/17/2019

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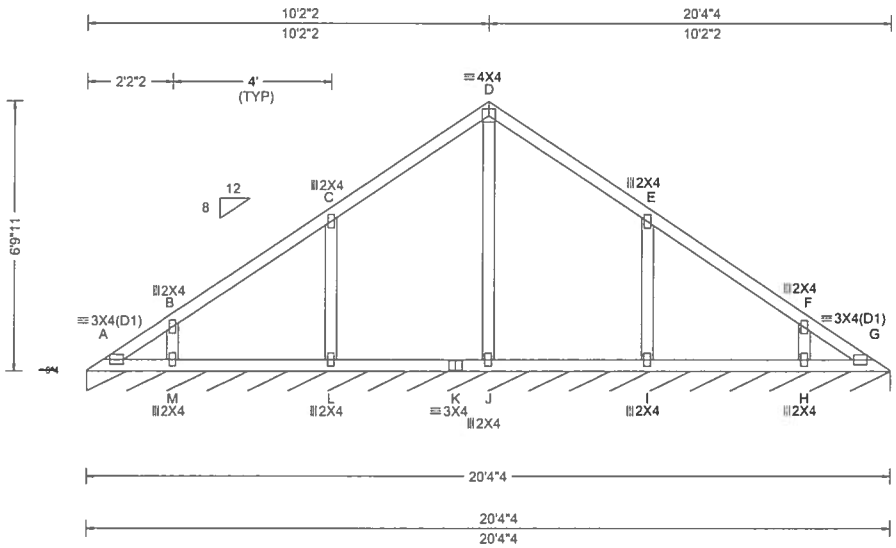
Suite 305
Orlando FL, 32821

SEQN: 652775 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V3	Cust: R 215 JRef: 1WOK2150007 T59 DrwNo: 260.19.1656.33630 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 18.32 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	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: 0.218
Max BC CSI: 0.117
Max Web CSI: 0.145

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G*	83	/-	/-	/44	/-	/9

Wind reactions based on MWFRS
G Brg Width = 244 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

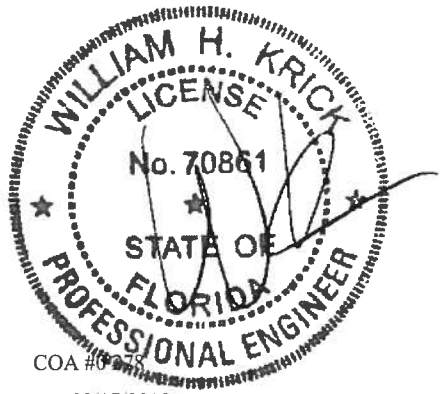
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 6-9-11.



COA #[illegible]78

09/17/2019

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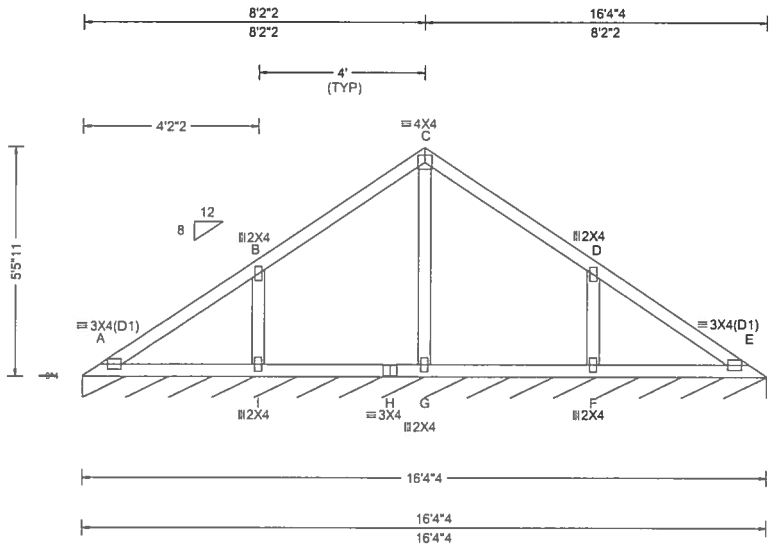
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652777 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V4	Cust: R 215 JRef: 1WOK2150007 T60 DrwNo: 260.19.1656.35087 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 18.99 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.005	I	999	240
VERT(CL): 0.011	I	999	180
HORZ(LL): -0.002	F	-	-
HORZ(TL): 0.004	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.316
Max BC CSI: 0.159
Max Web CSI: 0.135

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	83	/-	/-	/44	/-	/9

Wind reactions based on MWFRS
E Brg Width = 196 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

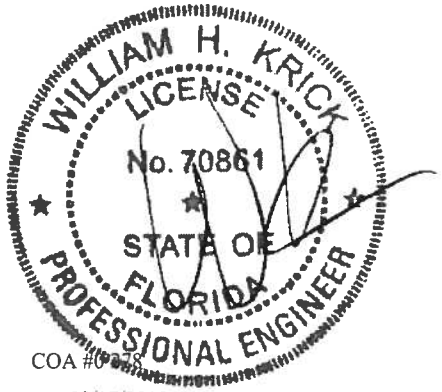
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

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



COA #0278

09/17/2019

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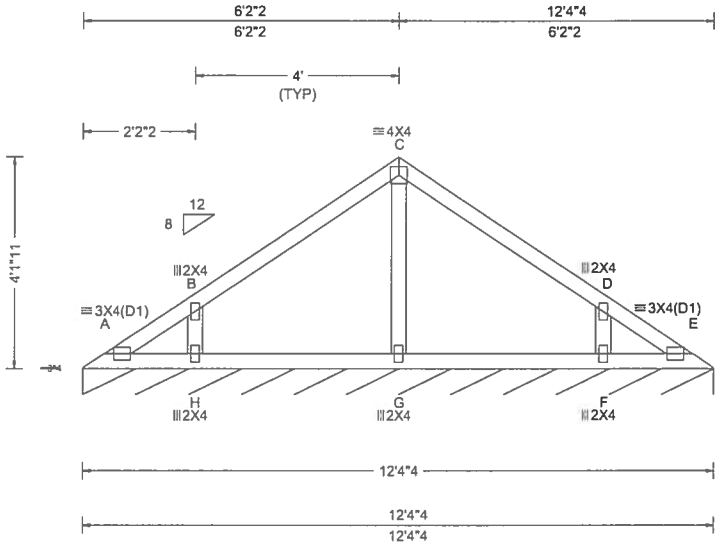
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652760 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V5	Cust: R 215 JRef: 1WOK2150007 T61 DrwNo: 260.19.1656.36747 GA / WHK 09/17/2019



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.66 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 **Code / Misc Criteria** Bldg Code: FBC 2017 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 C 999 180 HORZ(LL): -0.001 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.209 Max BC CSI: 0.118 Max Web CSI: 0.056 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	83	/-	/-	/43	/3	/9

Wind reactions based on MWFRS
E Brg Width = 148 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 4-1-11.

COA #0278

09/17/2019

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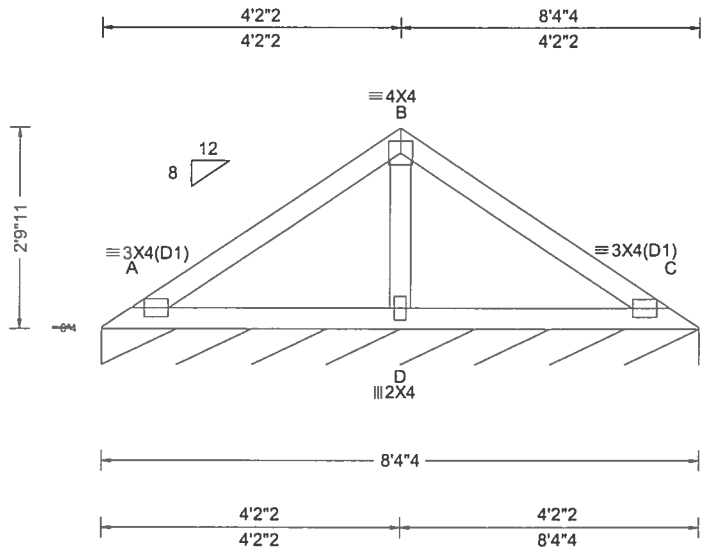
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652761 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V6		Cust: R 215 JRef:1WOK2150007 T67 DrwNo: 260.19.1656.38077 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 20.32 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.007	D	999	240
VERT(CL): 0.015	D	999	180
HORZ(LL): -0.004	D	-	-
HORZ(TL): 0.008	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.242
Max BC CSI: 0.194
Max Web CSI: 0.085

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	82	/-	/-	/42	/3	/8

Wind reactions based on MWFRS
C Brg Width = 100 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	187	-409

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.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 2-9-11.

COA #[illegible]78

09/17/2019

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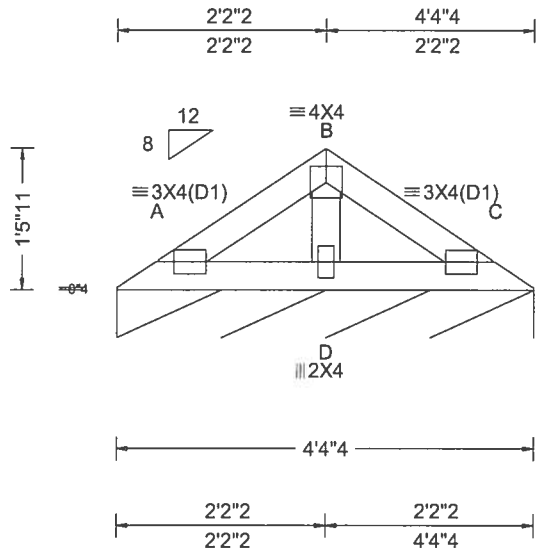
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652762 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V7	Cust: R 215 JRef: 1WOK2150007 T70 DrwNo: 260.19.1656.39213 GA / WHK 09/17/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 20.99 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	D	999	240
VERT(CL): 0.002	D	999	180
HORZ(LL): -0.001	D	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.052
Max BC CSI: 0.036
Max Web CSI: 0.027

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	80	/-	/-	/39	/3	/7

Wind reactions based on MWFRS
C Brg Width = 52.3 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 1-5-11.

COA #[illegible]

09/17/2019

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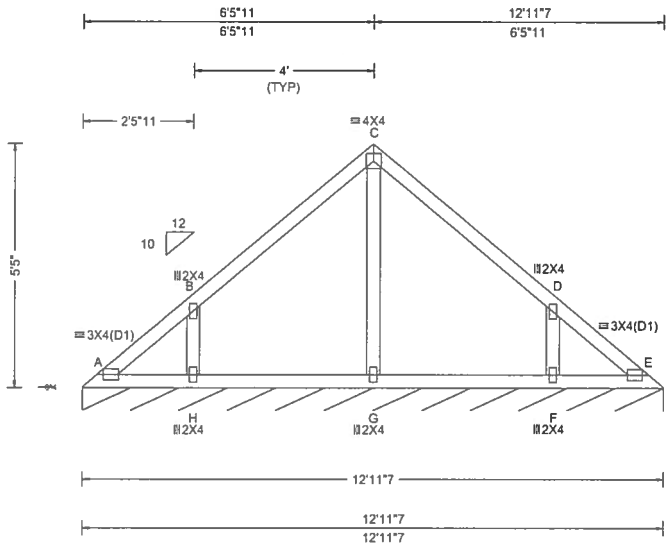
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 652763 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V8	Cust: R 215 JRef: 1WOK2150007 T71 DrwNo: 260.19.1656.40550 GA / WHK 09/17/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	C	999	240
VERT(CL): 0.002	C	999	180
HORZ(LL): -0.001	B	-	-
HORZ(TL): 0.002	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.220
Max BC CSI: 0.150
Max Web CSI: 0.087

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
E*	85 /-	/-	/47	/11	/12

Wind reactions based on MWFRS
E Brg Width = 155 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

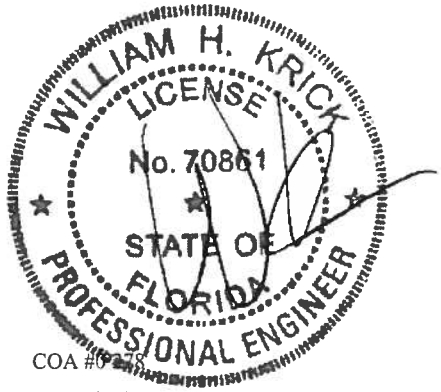
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

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



COA #[illegible]

09/17/2019

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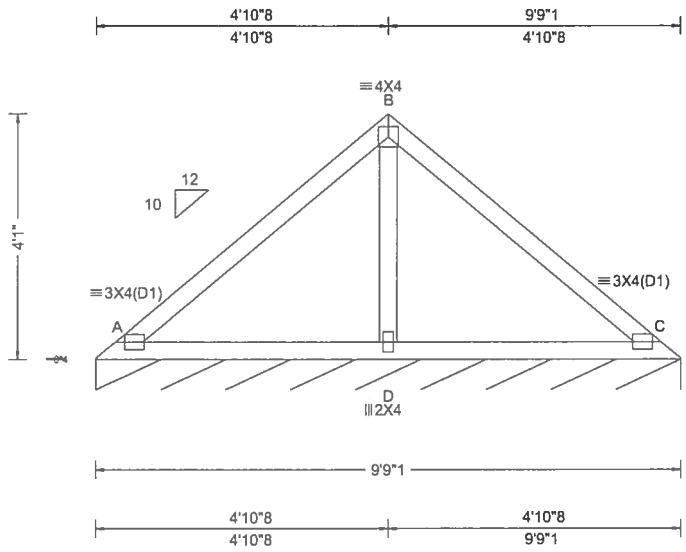
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 652764 VAL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** V9	Cust: R 215 JRef: 1WOK2150007 T72 DrwNo: 260.19.1656.43820 GA / WHK 09/17/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.010	D	999	240
VERT(CL): 0.021	D	999	180
HORZ(LL): -0.006	D	-	-
HORZ(TL): 0.013	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.350
Max BC CSI: 0.288
Max Web CSI: 0.159

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/46	/-	/11

Wind reactions based on MWFRS
C Brg Width = 117 Min Req = -
Bearing A is a rigid surface.
Members not listed have forces less than 375#

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	224	-524

Lumber

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

Wind

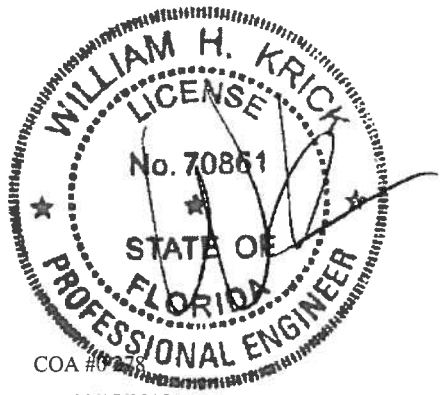
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 4-1-0.



COA #[illegible]

09/17/2019

****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.

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

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ALPINE
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6750 Forum Drive
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Orlando FL, 32821

CLR Reinforcing Member Substitution

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

Notes:

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

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

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

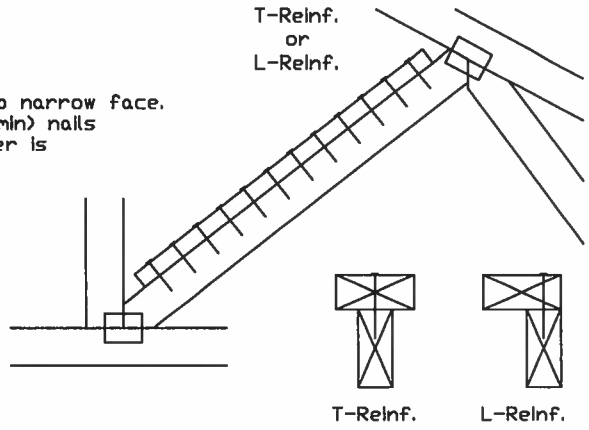
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Alternative Reinforecement Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4 (*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6 (*)

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

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

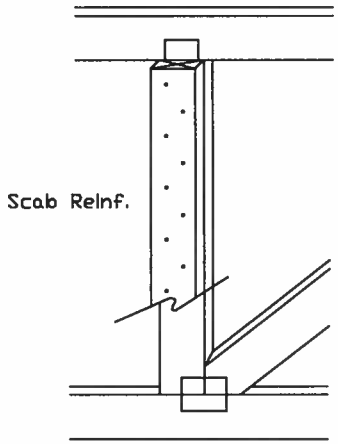
T-Reinforcement or L-Reinforcement:

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



Scab Reinforcement:

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



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

09/17/2019

ALPINE AN ITW COMPANY

13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

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CoA #0278

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

Piggyback Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

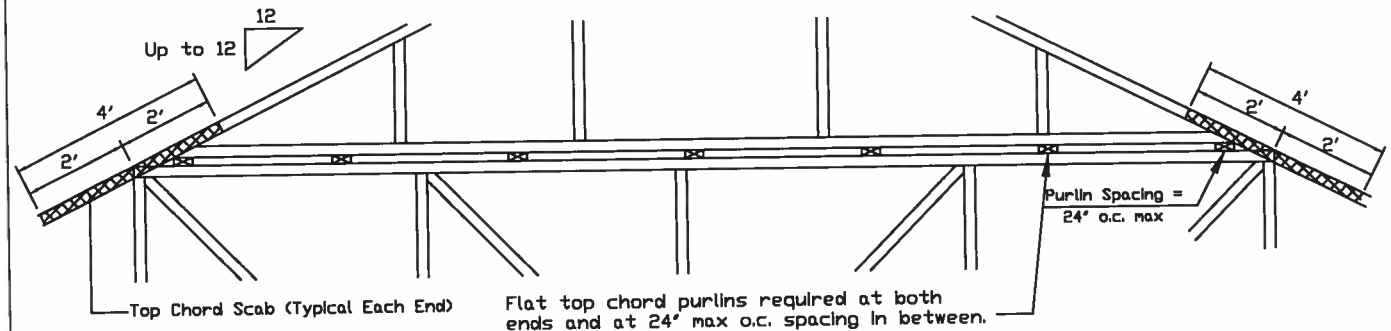
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

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.

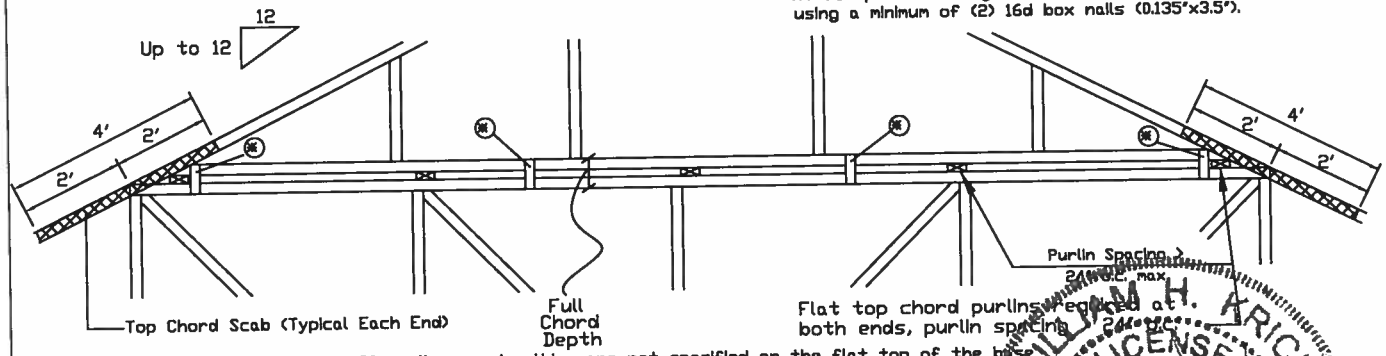
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

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").



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

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

Trulox
Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8" o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4" o.c. front to back faces.

APA Rated Gusset
8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8" o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4" o.c. front to back faces.

2x4 Vertical Scabs
2x4 SPF #2, full chord depth scabs (each face). Attach @ 8" o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4" o.c. front to back faces.

28PB Wave Piggyback Plate
One 28PB wave piggyback plate to each face @ 8" o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4" o.c. front to back faces.

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Suite 200
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WILLIAM H. ARICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER

COA #0 278 09/17/2019

REF	PIGGYBACK
DATE	10/01/14
DRWG	PB160101014
SPACING	24.0"

Valley Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

Top Chord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better.
Bot Chord 2x4 SP #2N or SPF #1/#2 or better.
Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better.

** Attach each valley to every supporting truss with:
(2) 16d box (0.135" x 3.5") nails toe-nailed for
ASCE 7-10 160 mph. 30' Mean Height, Enclosed
Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00
Or
ASCE 7-10 140 mph. 30' Mean Height, Enclosed
Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

Valleys short enough to be cut as solid triangular members from a single 2x6, or larger as required, shall be permitted in lieu of fabricating from separate 2x4 members.

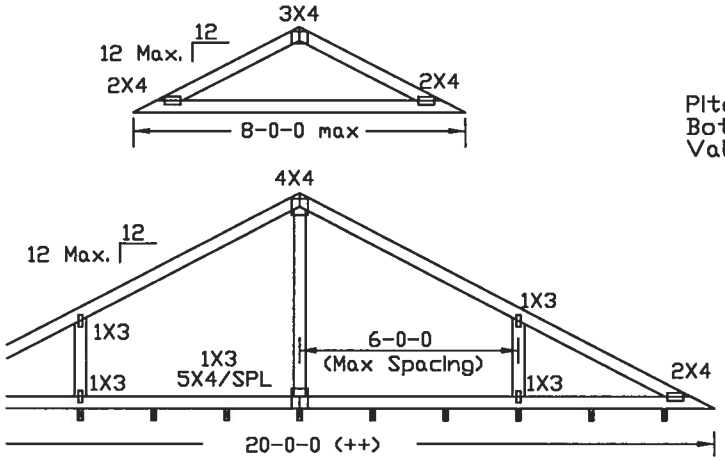
All plates shown are ITW BCG Wave Plates.

Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7-9" apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.128" x 3.0") nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

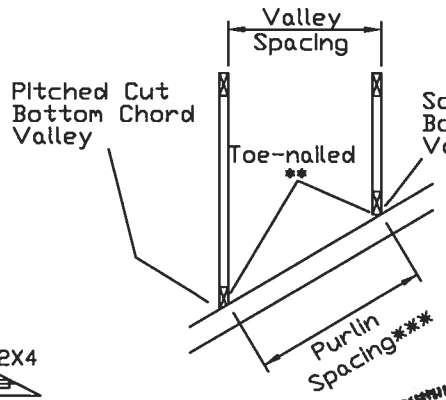
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss installation.
Or
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

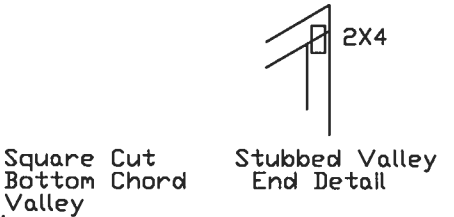
*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

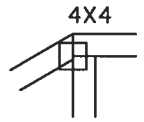
++ Larger spans may be built as long as the vertical height does not exceed 14'-0".

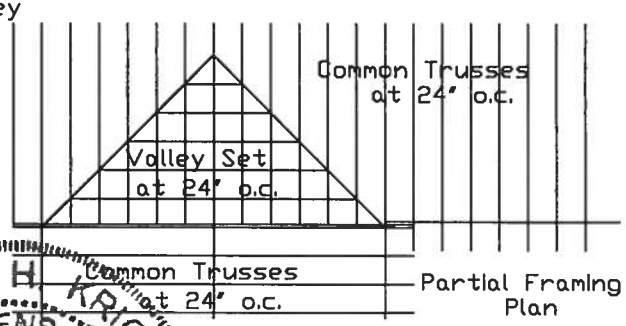


Supporting trusses at 24" o.c. maximum spacing.









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AN ITW COMPANY
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Maryland Heights, MO 63043

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
COA #0278
09/17/2014

TC	LL	30	30	40 PSF	REF VALLEY DETAIL
TC	DL	20	15	7 PSF	DATE 10/01/2014
BC	DL	10	10	10 PSF	DRWG VAL160101014
BC	LL	0	0	0 PSF	
TOT. LD.		60	55	57 PSF	
DUR.FAC. 1.25/1.33			1.15	1.15	
SPACING			24.0"		

SY42 OPEN WEB FLOOR
16" DEEP
12" OC.

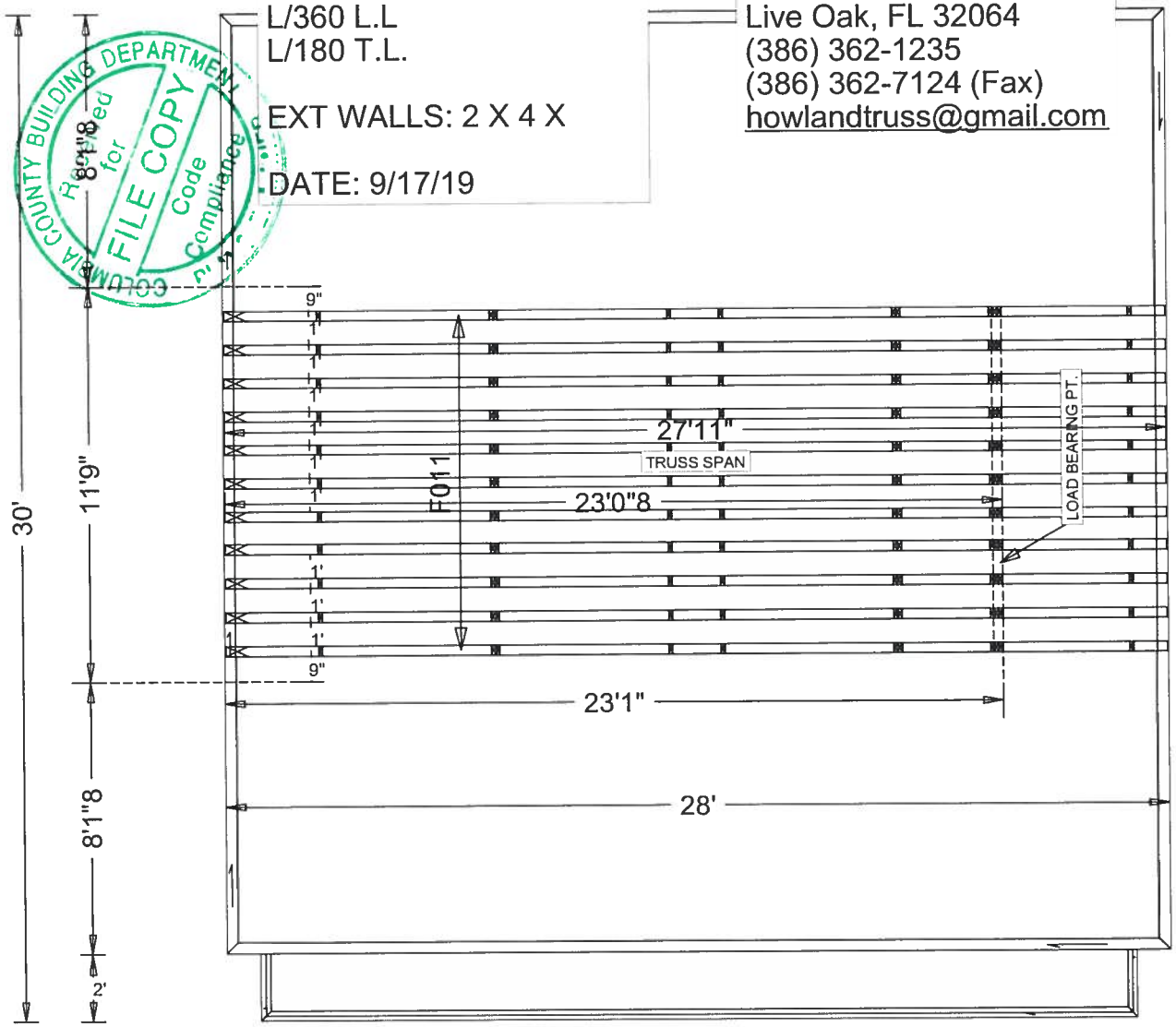
LOADING: 55 PSF
DEFLECTION:
L/360 L.L
L/180 T.L.

EXT WALLS: 2 X 4 X

DATE: 9/17/19

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

COLUMBIA COUNTY BUILDING DEPARTMENT
Reviewed for Code Compliance
FILE COPY



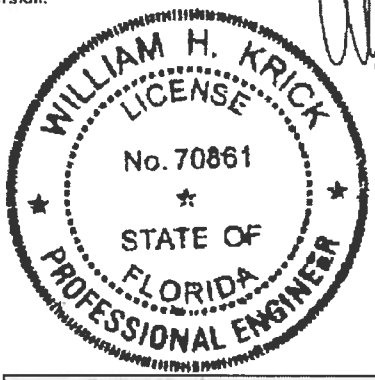
JOB #: 19-3124F

Job Name: MIKE & ANGELA WOOD RES.
Customer: Plumb Level Construction
Designer: Fill in later
ADDRESS:
SALESMAN: BW
: <Not Found>

JOB NO:
19-3124F

PAGE NO:
1 OF 1

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



COA #0 278
09/18/2019

ALPINE
AN ITW COMPANY

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

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	*Job Number:* 19-3124F
Job Description: /MIKE & ANGELA WOOD RES. /Plumb Level Construction	
Address: FL	

Job Engineering Criteria:	
Design Code: FBC 2017 RES	*IntelliVIEW Version:* 18.02.01B *JRef #:* 1WOL2150001
Wind Standard: ASCE710 *Wind Speed (mph):* 0 *Building Type:*	*Roof Load (psf):* None *Floor Load (psf):* 40.00-10.00- 0.00- 5.00

This package contains general notes pages, 1 truss drawing(s) and 1 detail(s).

Item	Seal #	Truss
1	260.19.1351.29463	F011

Item	Seal #	Truss
2	STRBRIBR1014	

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 AF&PA. 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.

General Notes (continued)

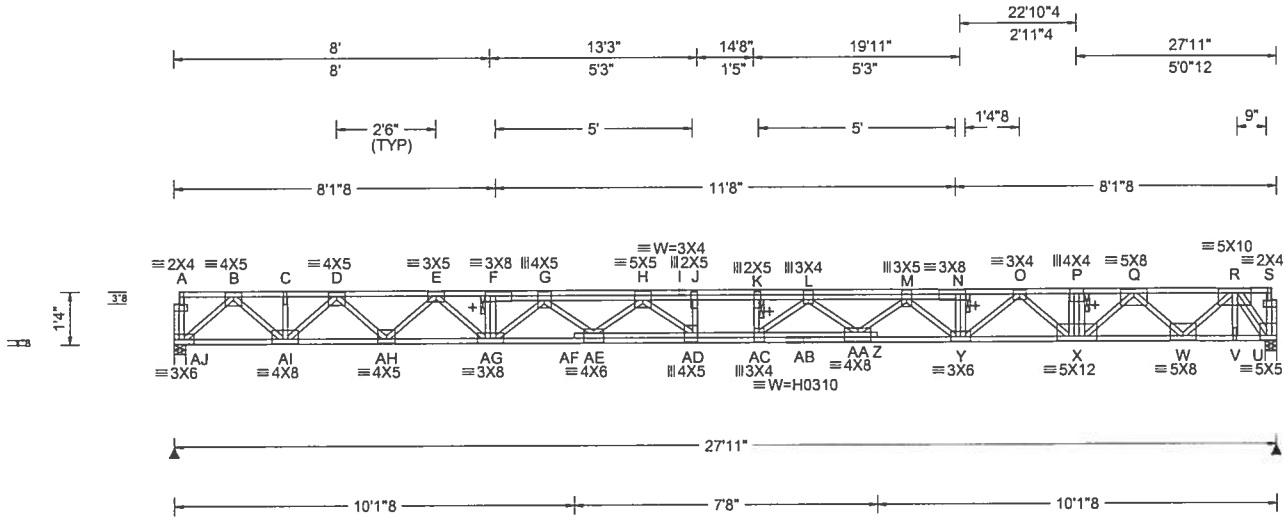
Key to Terms:
Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written 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.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
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.
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 immediate vertical Deflection, 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(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. AF&PA: American Forest & Paper Association, 1111 19th Street, NW, Suite 800, Washington, DC 20036; www.afandpa.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 13723 Riverport Drive, Suite 200, Maryland Heights, MO 63043; www.alpineitw.com.
4. TPI: Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, VA 22314; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.co

SEQN: 652821 SY42 FROM: CDM	Ply: 1 Qty: 11	**Job Number:** 19-3124F /MIKE & ANGELA WOOD RES. /Plumb Level Construction **Truss Label:** F011	Cust: R 215 JRef: 1WOL2150001 T63 DrwNo: 260.19.1351.29463 JB / WHK 09/17/2019



Loading Criteria (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.00
Spacing: 12.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.583	AC	567	360
VERT(CL): 0.925	AC	357	240
HORZ(LL): 0.076	U	-	-
HORZ(TL): 0.120	U	-	-

Creep Factor: 2.0
Max TC CSI: 0.452
Max BC CSI: 0.730
Max Web CSI: 0.932

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AJ	911	/-	/-	/-	/-	/-
U	1465	/-	/-	/-	/-	/-

AJ Brg Width = 3.5 Min Req = 1.5
U Brg Width = 3.5 Min Req = 1.5
Bearings AJ & U are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1808	J - K	0	-6683
C - D	0	-1808	K - L	0	-6692
D - E	0	-3252	L - M	0	-6497
E - F	0	-4468	M - N	0	-5930
F - G	0	-4467	N - O	0	-5932
G - H	0	-5593	O - P	0	-5287
H - I	0	-6668	P - Q	0	-5287
I - J	0	-6668	Q - R	0	-2521

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AJ-AI	946	0	AB-AA	6716	0
AI-AH	2606	0	AA- Y	6413	0
AH-AG	3886	0	Y - X	5647	0
AG-AE	5218	0	X - W	3893	0
AE-AD	6143	0	W - V	1081	0
AD-AC	6683	0	V - U	1081	0
AC-AB	6716	0			

Maximum Web Forces Per Ply (lbs)

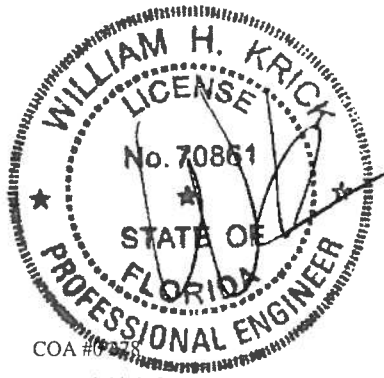
Webs	Tens.	Comp.	Webs	Tens.	Comp.
AJ- B	0	-1286	H -AD	897	0
B -AI	1172	0	M - Y	0	-637
AI- D	0	-1084	O - X	0	-471
D -AH	898	0	P - X	0	-862
AH- E	0	-882	X - Q	1820	0
E -AG	775	0	Q - W	0	-1908
AG- G	0	-986	W - R	1957	0
G -AE	521	0	R - U	0	-1844
AE- H	0	-743			

Lumber
Top chord 4x2 SP 2400f-2.0E
Bot chord 4x2 SP 2400f-2.0E
Webs 4x2 SP #3

Special Loads
----(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 50 plf at 0.13 to 50 plf at 27.79
BC: From 5 plf at 0.00 to 5 plf at 27.92
TC: 853 lb Conc. Load at 22.92

Plating Notes
All plates are 1X4 except as noted.

Additional Notes
Refer to General Notes for additional information
+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0.



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09/18/2019

****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.

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 this job's general notes page and these web sites ALPINE www.alpineitw.com, TPI www.tpinst.org, SBCA: www.sbcindustry.com, ICC: www.iccsafe.org

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Suite 305
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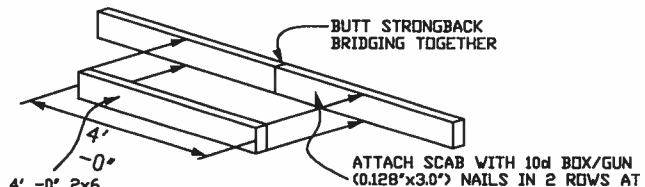
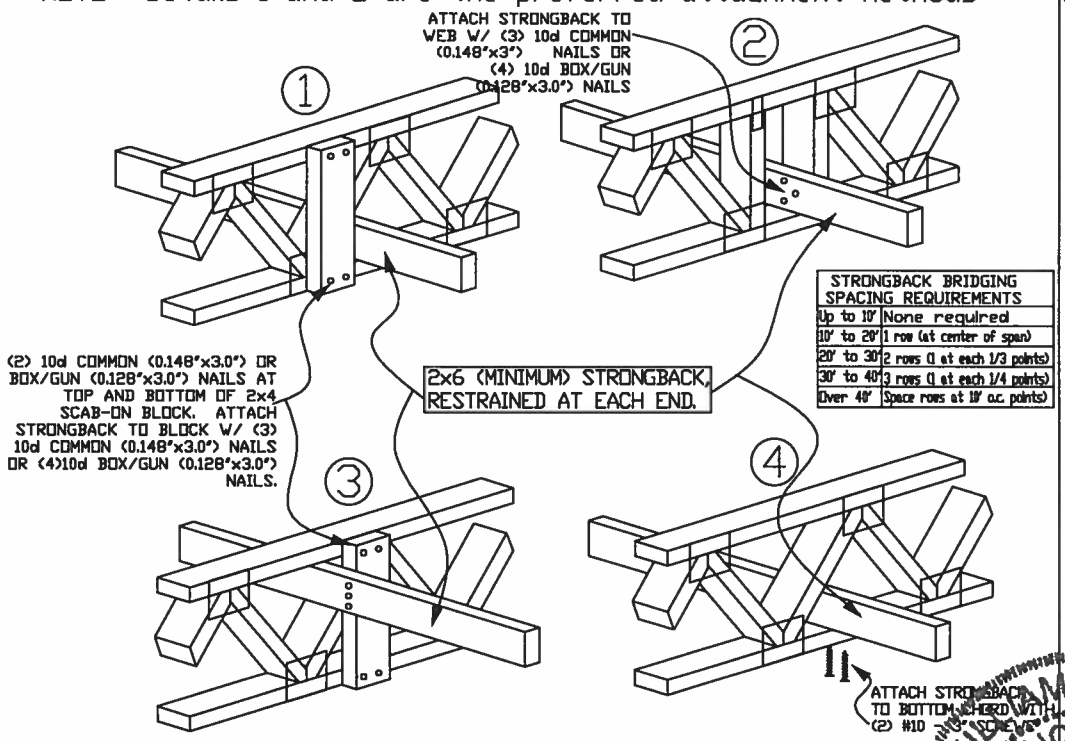
STRONGBACK BRIDGING RECOMMENDATIONS



NOTE: IN LIEU OF SPLICING AS SHOWN, LAP STRONGBACK BRIDGING MEMBERS FOR AT LEAST ONE TRUSS SPACING

STRONGBACK BRIDGING SPLICE DETAIL

NOTE: Details 1 and 2 are the preferred attachment methods



STRONGBACK BRIDGING SPACING REQUIREMENTS	
Up to 10'	None required
10' to 20'	1 row (at center of span)
20' to 30'	2 rows (1 at each 1/3 points)
30' to 40'	3 rows (1 at each 1/4 points)
Over 40'	Space rows at 10' o.c. points)

STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

- All scab-on blocks shall be a minimum 2x4 'stress graded lumber.'
- All strongback bridging and bracing shall be a minimum 2x6 'stress graded lumber.'
- The purpose of strongback bridging is to develop load sharing between individual trusses, resulting in an overall increase in the stiffness of the floor system. 2x6 strongback bridging, positioned as shown in details, is recommended at 10' -0" o.c. (max.)
- The terms 'bridging' and 'bracing' are sometimes mistakenly used interchangeably. 'Bracing' is an important structural requirement of any floor or roof system. Refer to the Truss Design Drawing (TDD) for the bracing requirements for each individual truss component. 'Bridging,' particularly 'strongback bridging' is a recommendation for a truss system to help control vibration. In addition to aiding in the distribution of point loads between adjacent truss, strongback bridging serves to reduce 'bounce' or residual vibration resulting from moving point loads, such as footsteps.

  The performance of all floor systems are enhanced by the installation of strongback bridging and therefore is strongly recommended by Alpine.

  For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).

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

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

TC LL	PSF	REF STRONGBACK
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG STRBRIBR1014
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.	1.00	
SPACING		

09/18/2019