

19-3124B PAGE NO: 1 OF 1

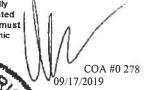
JOB NO:

Job Name: MIKE & ANGELA WOOD RES. Customer: Plumb Level Construction

Designer: Bob Glover ADDRESS: SALESMAN: BW : <Not Found> JOB #: 19-3124B



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

No. 70861

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CORIDA

SIte Information:

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 19-3124B
Job Description: /MIKE & ANGELA WOOD RES. /Plumb Le	vel 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	Roof Load (psf): 20.00-10.00- 0.00-10.00			
Building Type: , Closed, Partial	Floor Load (psf): None			

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

Item	Seal #	Truss
1	260.19.1649.50087	A01
3	260.19.1650.12163	A03
5	260.19.1650.25703	A05
7	260.19.1650.43937	B01
9	260.19.1651.01253	B03
11	260.19.1651.20080	B05
13	260.19.1651.43490	D01
15	260.19.1651.50810	D03
17	260.19.1651.56963	G02
19	260.19.1652.12337	G04
21	260.19.1652.20983	G06
23	260.19.1652.31463	G08
25	260.19.1652.56503	H01
27	260.19.1653.00250	J03
29	260.19.1653.03127	J07
31	260.19.1653.13840	K01
33	260.19.1653.26947	K03
35	260.19.1653.33967	L01
37	260.19.1654.00880	L03
39	260.19.1654.09737	L05
41	260.19.1654.14187	M02
43	260.19.1654.17787	N01
45	260.19.1654.29710	P01
47	260.19.1654.43927	P03
49	260.19.1654.49333	P05
51	260.19.1654.56670	P07

Item	Seal #	Truss
2	260.19.1650.05487	A02
4	260.19.1650.17433	A04
6	260.19.1650.36360	A06
8	260.19.1650.56353	B02
10	260.19.1651.06037	B04
12	260.19.1651.38957	C01
14	260.19.1651.47550	D02
16	260.19.1651.53567	G01
18	260.19.1652.09853	G03
20	260.19.1652.18167	G05
22	260.19.1652.24080	G07
24	260.19.1652.47557	G09
26	260.19.1652.58700	J01
28	260.19.1653.01577	J05
30	260.19.1653.08390	JH1
32	260.19.1653.15323	K02
34	260.19.1653.31910	K04
36	260.19.1653.35627	L02
38	260.19.1654.06073	L04
40	260.19.1654.11283	M01
42	260.19.1654.15890	M03
44	260.19.1654.22360	N02
46	260.19.1654.32283	P02
48	260.19.1654.46433	P04
50	260.19.1654.53253	P06
52	260.19.1654.58563	P08

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Site Information:	Page 2:	
Customer: W. B. Howland Company, Inc.	Job Number: 19-3124B	-
Job Description: /MIKE & ANGELA WOOD RES. /Plumb Leve	el 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 FROM: CDM

SPEC

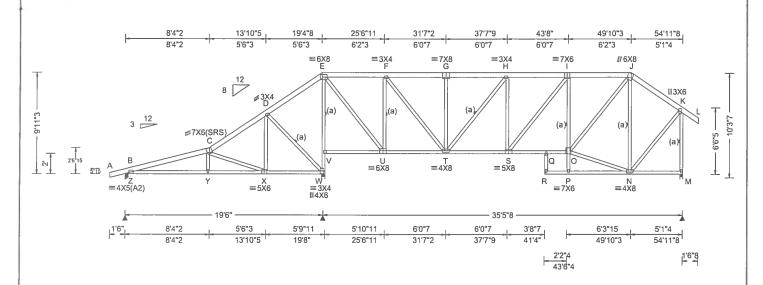
Ply: 1 Qty: 3 Job Number: 19-3124B

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

▲ Maximum Reactions (Ibs)						
Gravity				Non-Gravity		
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
z	873	/-	/-	/497	/159	/485
W	2344	/-	/-	/1688	/103	/-
M	1574	/-	/-	/987	/1	/-
Win	d read	tions bas	sed on	MWFRS		
Z	Brg W	/idth = 3.	.5	Min Red	q = 1.5	
W	Brg W	/idth = 4.	.0	Min Red	= 2.8	
М	Brg W	/idth = 3.	.5	Min Red	q = 1.9	
Bea	rings 2	Z, W, & N	1 are a	rigid surfa	ce.	
Men	nbers	not listed	have	forces less	than 3	75#
Max	imum	Top Ch	ord Fo	rces Per l	Ply (lbs	5)
Cho	rds T	ens.Com	ıp.	Chords	Tens.	Comp.
B - 0	2	340 - 17	' 84	G-H	365	- 1581

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

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

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

Right end vertical not exposed to wind pressure.

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.



F-G 310 - 1581 Maximum Bot Chord Forces Per Ply (lbs)

- 979

C-D

D-E

E-F

360 - 775

472 -405

185

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-0 1566 -88 1023

I - J

J-K

345 - 1752

301 - 1564

131

- 954

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
C-X	329 - 1234	F-T	921	-28
X-D	592 - 106	1-0	47	-624
D-W	277 -833	0 - 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

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

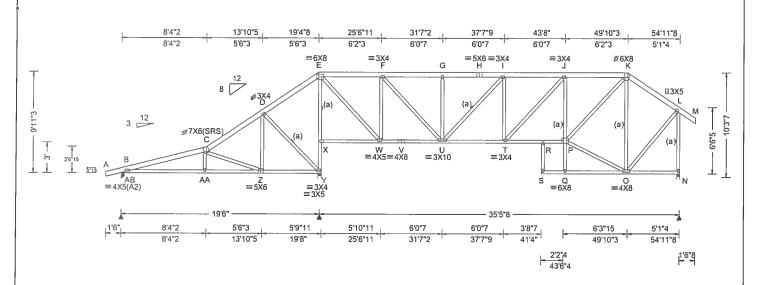
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

SEQN: 652540 SPEC Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T65 FROM: CDM Qty: 3 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1650.05487 Truss Label: A02 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): 0.094 I 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.190 I 999 180
BCDL: 10.00	Risk Category:	Snow Duration: NA	HORZ(LL): -0.049 W
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.098 W
NCBCLL: 0.00	Mean Height: 0.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.158
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.644
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.898
	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 0.00	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber			

▲ Maximum Reactions (Ibs)						
	G	ravity		Non-Gravity		
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
АВ	884	/-	/-	/-	/-	/-
Υ	2257	/-	/-	/-	/-	/-
N	1442	1-	/-	/-	/-	/-
Win	d reac	tions bas	sed on	MWFRS		
AB	Brg W	idth = 3.	.5	Min Re	q = 1.9	5
Υ	Brg W	idth = 4.	.0	Min Re	q = 2.1	7
N	Brg W	idth = 3.	.5	Min Re	q = 1.	7
Bea	rings A	AB, Y, &	N are a	a rigid sur	face.	
Mer	nbers	not listed	have	forces les	s than	375#
Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds T	ens.Com	ıp.	Chords	Tens.	Comp.
B - 0	0	0 - 18	325	H - I	0	- 1759

0 -760

0 - 1093

0 - 1759

0 - 1759

C-D

E-F

F-G

G - H

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.

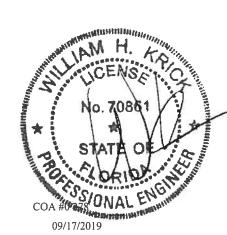
Additional Notes

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.



Maximum Bot Chord Forces Per Ply (lbs)									
Chords	Tens.Co	mp.	Chords	Tens. Co	omp.				
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				

I - J

J - K

K-L

- 1943 0

n - 1741

0 -910

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-0	752	0		
E - X	0 - 1545	P-K	1514	0		
_E - W	1669 0	0 - K	0	- 1013		
Y-X	0 - 1600	0 - L	1067	0		
W-F	0 - 1101	L - N	0	- 1405		

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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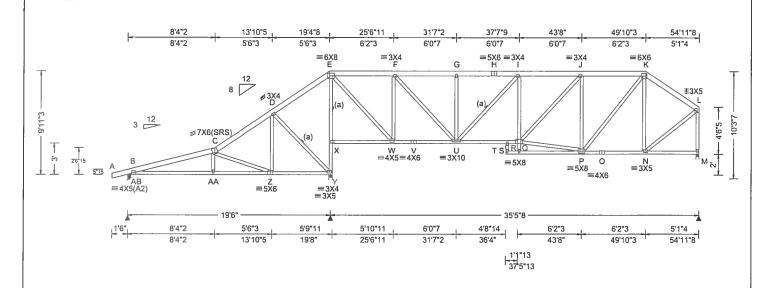
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI; www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 652542 SPEC Ply: Job Number: 19-3124B FROM: CDM Qty: 5 /MIKE & ANGELA WOOD RES. /Plumb Level Construction Truss Label: A03

Cust: R 215 JRef: 1WOK2150007 T16 DrwNo: 260.19.1650.12163 / 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): 0.182 999 180
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 BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.158
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.786
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.957
-,	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 0.00	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumbaa		1	

▲ N	▲ Maximum Reactions (lbs)								
	G	ravity		No	n-Grav	ity			
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL			
AB	885	/-	/-	/-	/-	/-			
Υ	2256	/-	/-	/-	/-	/-			
M	1443	/-	/-	/-	/-	/-			
Wir	nd read	tions bas	sed on MV	VFRS					
AB	Brg V	/idth = 3.	.5	Min Re	q = 1.5				
Υ	Brg V	/idth = 4	.0 1	Min Red	q = 2.7				
M	Brg V	/idth = 3.	.5	Min Re	q = 1.7				
Bea	rings /	4B, Y, &	M are a ri	gid surf	ace.				
Mer	mbers	not listed	l have force	es less	than 3	75#			
Max	Maximum Top Chord Forces Per Ply (lbs)								
Cho	ords T	ens.Con	np. Ch	ords	Tens.	Comp.			

Lumber

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

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

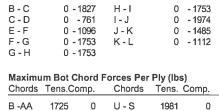
Additional Notes

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.



S - Q

P-0

0 - N

1934

865

865

0

0

0

0

0

0

0

AA-Z

Z - Y

W-V

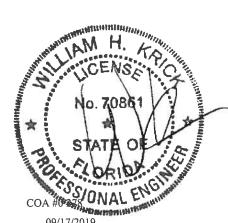
V - U

1716

544

1144

1144



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								

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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Refer to division of the property of the property

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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.lccsafe.org

09/17/2019

SEQN: 652544 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T13 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1650.17433 Truss Label: A04 GA / WHK 09/17/2019 13'10"5 19'4"8 25'6"11 31'7"2 37'7"9 50'4" 5'6"3 5'6"3 6'2"3 6'0"7 6'0"7 12'8"7 (TYP) =3<u>X</u>4 =6<u>X</u>6 (a) (a) (a) W20 AG ≡4X5(A2) V U ≡3X8 ≡4X6 Z ≡3X4 ≡4X6 AΑ W ≅3X5 a 1112X5 =3X4 5'8" 30'8"

6'0"7

VIEW Ver: 18.02.01B.0321.08

6'0"7

6'0"7 43'8"

L	642 1310	5 19'4'8	25'6"11	317.2	31	7.7.9	
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg	,Pf in PSF)	Defl/CSI Criteri	a		
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA	CAT: NA	PP Deflection in	loc L/c	defl L	_/#
TCDL: 10.00	Speed: 130 mph	Pf: NA	Ce: NA	VERT(LL): 0.03	3 G 9	99 2	240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA		VERT(CL): 0.06	i6 G 9	99 1	180
BCDL: 10.00	Risk Category:	Snow Duration: NA	A	HORZ(LL): 0.00)7 Z	-	-
Des Ld: 40.00	EXP: C Kzt: NA			HORZ(TL): 0.01	4 Z	-	-
NCBCLL: 0.00	Mean Height: 0.00 ft TCDL: 5.0 psf	Code / Misc Crite	ria	Creep Factor: 2.	.0		
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2	017 RES	Max TC CSI: 0).151		
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014		Max BC CSI: 0).405		
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes		Max Web CSI: 0).740		
' -	Loc. from endwall: NA	FT/RT:20(0)/10(0)					

Plate Type(s):

WAVE

	Gravity				N	on-Gra	ıvity	
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
)	AG	602	/-	/-	/-	/-	/-	
	Z*	390	/-	/-	/-	/-	/-	
	P*	159	/-	/-	/-	/-	/-	
	Р		/-199					
Wind reactions based on MWFRS								
	AG	Brg 1	Width =	3.5	Min Reg = 1.5			
	Z	Brg '	Width =	68.0	Min Reg = -			
	Р	Brg 1	Width =	104	Min Re	eq = -		
1	Bea	rings	AG, Z,	& S are	a rigid sur	face.		
4	Men	nbers	not list	ed have	forces les	s than	375#	
Maximum Top Chord Forces P				orces Per	Ply (II	os)		
_					Chords			
	B - 0	0	0	- 790	D-E	722	. 0	

50'4 ▲ Maximum Reactions (lbs), or *=PLF

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.

GCpi: 0.18

Wind Duration: 0.00

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.

Maximum Bot Chord Forces Per Ply (lbs)									
Chords	Tens.Co	mp.	Chords	Tens.	Comp.				
B -AA AA- Z	724 713	0 0	X - W	0	- 536				

Maximum Web Forces Per Ply (lbs)										
Webs	Tens.0	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								



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

SPEC SEON: 652546 Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T8 FROM; CDM Qty: 4 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1650.25703 Truss Label: A05 / WHK 09/17/2019 5'6"14 11'0"8 17'2"11 23'3"2 29'3"9 35'4" 41'6"3 46'7"8 5'1"4 5'6"14 5'5"10 6'2"3 6'0"7 6'0"7 6'0"7 6'2"3 1112<u>X</u>4 =4X6 =5X8 115X5 (a) (a) 6'6"5 W B1 =4X6 S =3X8 __R ≡5X6 **■5X6(B2)** 1112X4 46'7"8 5'6"14 5'5"10 6'0"7 6'0"7 4'0"7 1'10"4 6'3"15 5'1"4 6'2"3 1'6"8 5'6"14 11'0"8 17'2"11 23'3"2 29'3"9 33'4' 35'2"4 41'6"3 46'7"8 Loading Criteria (net) Wind Criteria Snow Criteria (De Din DSE) | Defl/CSI Criteria ▲ Maximum Reactions (lbs)

	Loading Cilicita (psi)	Willia Cillella	Show Citteria (Pg,Pim PSF)	Dell/Col Criteria	1
	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	l
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.228 E 999 240	١.
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.474 E 999 180	١.
	BCDL: 10.00	Risk Category:	Snow Duration: NA	HORZ(LL): 0.101 M	ľ
	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.210 M	١
	NCBCLL: 0.00	Mean Height: 0.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	١.
	Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.752	
	Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.841	L
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.778	
	'	Loc. from endwall; NA	FT/RT:20(0)/10(0)		
ı		GCpi: 0.18	Plate Type(s):		ŀ
		Wind Duration: 0.00	WAVE	VIEW Ver: 18.02.01B.0321.08	1

Gravity Non-Gravity /Rw /U / RL / R-Α 1960 /-2065 /-/-Wind reactions based on MWFRS Brg Width = 4.0 Min Req = 1.6 Α 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 F-G 0 - 3009 0 - 3008 B - C 0 - 2717 G-H 0 - 2787 C - D - 2247 0 - 2788H - I 0 D-E 0 - 30081 - J 0 - 1236

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.

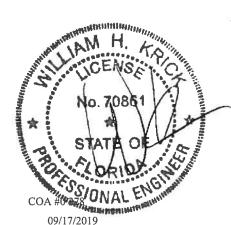
Additional Notes

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

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



Maximum Web Forces Per Ply (lbs)

0 - 3008

Chords Tens.Comp.

2399

2399

2186

2186

Maximum Bot Chord Forces Per Ply (lbs)

0

0

٥

Chords

T-S

S-R

R-P

P-N

Tens. Comp.

0

0

0

2812

2811

2266

2250

E-F

A - W

W-V

V - U

U - T

Webs Tens.Comp. Tens. Comp. Webs C-T 969 0 N - M 966 0 T - D 0 -648 N-12043 0 G-R Ω - 636 - 1309 M - I n R-H 866 0 M - J 1485 Ð H-N 0 - 1094 J-L 0 -2029

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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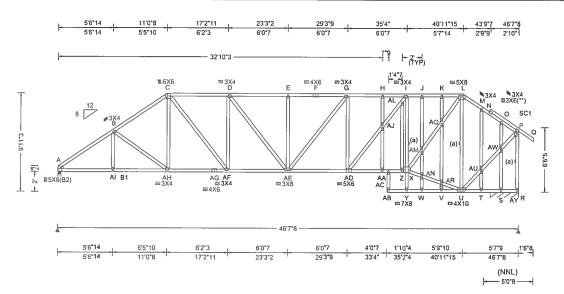
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses A seal on this drawing or cover page listing this drawing,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

 SEQN: 652548
 GABL PIY: 1
 Job Number: 19-3124B
 Cust: R 215
 JRef: 1WOK2150007
 T49

 FROM: CDM Page 1 of 2
 VI
 1
 /MIKE & ANGELA WOOD RES. /Plumb Level Construction
 DrwNo: 260.19.1650.36360
 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): 0.218 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.454 E 999 180
BCDL: 10.00	Risk Category:	Snow Duration: NA	HORZ(LL): 0.097 S
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 0.00 ft		HORZ(TL): 0.203 S
NCBCLL: 0.00	TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bidg Code: FBC 2017 RES	Max TC CSI: 0.740
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.852
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.978
	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 0.00	WAVE	VIEW Ver: 18.02.01B.0321.08

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.



▲ Maximum Reactions (lbs), or *=PLF

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

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.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	rens.comp.		Choras	Tens. Co	omp.
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.C	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			

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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

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

Additional Notes

Refer to General Notes for additional information Right end vertical not designed to be exposed to wind

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.



09/17/2019

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FROM: CDM Qty: 2 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260,19,1650,43937 Page 1 of 2 Truss Label: B01 GA / WHK 09/17/2019 8'4"2 14'2" 19'4"8 25'8"12 31'11"4 38'3"8 44'3"12 50'4" 8'4"2 5'9"14 5'2"8 6'4"4 6'0"4 6'2"8 6'4"4 6'0"4 =7X6 ≡ 3<u>X</u>4 ≅7X6 H =7X6 ∮5X6 ₹3X4 W16 9'11"3 (a) (a) W6 W8 (a) 4X6 Q P ≡4X4 ≡4X6 R ≡4X5 S'1 =3X8 K ⊞3X5 4X5(A2) =4X5 8'4"2 5'9"14 5'2"8 6'4"4 6'2"8 6'4"4 6'0"4 6'0"4 8'4"2 14'2' 19'4"8 25'8"12 31'11"4 38'3"8 44'3"12 50'4'

I	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria				
I	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#				
ı	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.076 G 999 240				
ı	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.139 G 999 180				
l	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.034 K				
ł	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.063 K				
ĺ	NCBCLL: 10.00	Mean Height: 17.12 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0				
l	Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.148				
l	Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.741				
l	Spacing: 24.0 "	C&C Dist a: 5.03 ft	Rep Fac: Yes	Max Web CSI: 0.644				
J		Loc. from endwall: Any	FT/RT:20(0)/10(0)					
I		GCpi: 0.18	Plate Type(s):					
l		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08				
t	I considerate	Lucation 4 II						

Job Number: 19-3124B

Lumber

SEQN: 652550

COMN

Ply: 1

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

(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 Bearing at location x-2-31 does the follows 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.

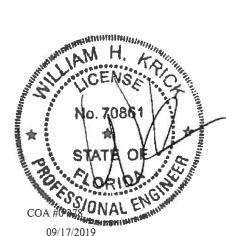
chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C

Loading

Truss passed check for 20 psf additional bottom



▲ Maximum Reactions (Ibs) Gravity Non-Gravity R+ /R /Rh /Rw /U / RL Loc V 526 /-/123 /428 S 2668 /1475 /353 /-1730 /-/958 /-/207 /-Wind reactions based on MWFRS Brg Width = 3.5 Min Req = 1.5Brg Width = 4.0 Min Req = 2.8 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.

Cust: R 215 JRef: 1WOK2150007 T62

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	comp.	Chords	Tens.	Comp.
B-U	458	- 231	P-0	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.Co	mp.	Webs Tens. Com		
C-S	583 -	831	F-0	480	- 180
S-D	436 - 2	2215	G-0	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
DE	1/12	01/			

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 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.



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



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 to chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, 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.

6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 652552 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T7 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1650.56353 Truss Label: B02 GΑ / WHK 09/17/2019 8'4"2 13'6"13 19'4"8 25'8"12 31'11"4 38'3"8 44'3"12 50'4" 8'4"2 5'2"11 5'9"11 6'4"4 6'2"8 6'4"4 6'0"4 6'0"4 =6X6 =7X6 G =6X6 H ₹3X4 (a) 4X5 =5X8 POR Q =3X4 Z ≡4X5(A2) U1 ≡4X6 ±5X8 K ⊪2X5 13'6"13 36'9"3 8'4"2 2'4"12 5'2"11 3'0"8 6'4"4 6'2"8 6'3"12 6'0"4 8'4"2 13'6"13 25'8"12 19'4"8 34'4' 44'3"12 2'9"3 Snow Criteria (Pa Prin PSE) | Defl/CSI Criteria L/defl L/# 999 240 999 180

Loading Criteria (psf)	Wind Criteria
TCLL: 20.00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 130 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
Des Ld: 40.00	EXP: C Kzt: NA
NCBCLL: 10.00	Mean Height: 17.12 ft
	TCDL: 5.0 psf
Soffit: 2.00	BCDL: 5.0 psf
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h
Spacing: 24.0 "	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)	Defi/CSI Criteria		
Pg: NA Ct: NA	A CAT: NA	PP Deflection in loc		
Pf: NA	Ce: NA	VERT(LL): 0.059 G		
Lu: NA Cs: N	Α	VERT(CL): 0.123 G		
Snow Duration:	NA	HORZ(LL): 0.025 K		
		HORZ(TL): 0.060 K		
Code / Misc Cri	iteria	Creep Factor: 2.0		
Bldg Code: FBC	2017 RES	Max TC CSI: 0.150		
TPI Std: 2014		Max BC CSI: 0.608		
Rep Fac: Yes		Max Web CSI: 0.561		
FT/RT:20(0)/10(0)			
Plate Type(s):				

	▲ Max	imum	Reac	tions (lbs)				
		Gra	vity			Non	-Grav	rity	
	Loc F	R+ /	R-	/ Rh	/ Rv	/ /	/ U	/ RL	
	Z 59	6 /	-	/-	/338	3 /	165	/428	
	W 21	91 /	-	/-	/148	7	310	/-	
	K 15	32 /	-	/-	/100	14	222	/-	
	Wind	reactio	ns ba	sed on	MWFRS	3			
	Z Bi	rg Wid	dth = 3	.5	Min F	Req	= 1.5	i	
į	W B	rg Wid	ith = 5	.7	Min F	Req	= 2.2		
	K B	rg Wid	ith = -		Min F	eq	= -		
	Bearin	igs Z 8	& W ar	e a rigi	d surfac	e.			
	Memb	ers no	t listed	l have t	forces le	ss t	han 3	375#	
	Maxim	num T	op Ch	ord Fo	rces Pe	r P	ly (lb	s)	
	Chord	s Ter	rs.Con	np.	Chords	Т	ens.	Comp	
	B-C	Δ	53 -8	300	F-G		419	- 1463	,

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

:W7, W9, W11 2x4 SP #2:

Lumber

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

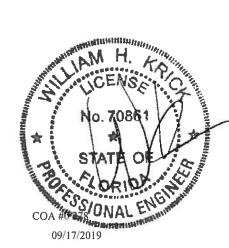
Additional Notes

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.



VIEW Ver: 18.02.01B.0321.08

C-D

D-E

F-F

536 - 393

267 - 1144

417 - 1463

Maximum Bot Chord Forces Per Ply (lbs)								
Chords	Tens.C	Comp.	Chords	Tens.	Comp			
B - Y	704	- 311	R-Q	1656	- 108			
Y - X	694	-312	Q-O	1498	- 94			

G-H

H - I

I - J

- 1653

- 1832

445

347 - 1901

290

80 4 X - W 694 -312 1475 -91 S-R 867 -49

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

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

WAVE

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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Albine, 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.lccsafe.org

SEON: 652554 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T63 FROM: CDM Qty: 4 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1651.01253 Truss Label: B03 GΑ / WHK 09/17/2019 8'4"2 11'10" 19'4"8 25'8"12 31'11"4 38'3"8 44'3"12 50'4" 8'4"2 3'5"14 7'6"8 6'4"4 6'2"8 6'0"4 6'0"4 ₩6X8 =7X6 G =6X6 ₹3X4 W ≠4X6 3 12 W7 ≢7X6(SRS) S ≖4X4 __R =5X8 Q ≡3X4 XW^TV ≡3X4 ≡4X6 ≡3X5 =5X6 III3X5 =4X5(A2) ≡5X8 38'6 3'5"14 8'4"2 2'4"12 34'4" 3'0"8 6'4"4 6'2"8 6'3"12 6'0"4 11'10" 19'4"8 25'8"12 8'4"2 31'11"4 44'3"12 50'4'

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/#	Į
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.066 G 999 240	İ
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	ı
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.12 ft		HORZ(TL): 0.074 K	l
NCBCLL: 10.00	TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	l
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.153	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.639	
Spacing: 24.0 "	C&C Dist a: 5.03 ft	Rep Fac: Yes	Max Web CSI: 0.595	
	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	
Lumber				٠.

4'6"

16'4"

	▲ Maximum Reactions (Ibs)								
	Gravity					No	n-Gra	vity	
	Loc	R+	/ R-	/ Rh	/ F	W.	/ U	/ RL	
	z	539	/-	/-	/3	9	/162	/428	
Ì	W.	2176		/-	/14	462	/320	/-	
	K	1607	/-	/-	/10	037	/230	/-	
	Win	d reac	tions bas		MWF	RS			
	Z Brg Width = 3.5			5	Min Req = 1.5				
	W	Brg W	idth = 4.	0	Min Req = 2.2				
	K	Brg W	idth = -		Min Req = -				
	Bear	rings Z	&W are	e a rigi	d surfa	ice.			
i	Men	nbers i	not listed	have t	orces	less	than 3	375#	
1	Max	imum	Top Ch	ord Fo	rces l	er l	Ply (lb	s)	
J	Cho	rds T	ens.Com	ıp.	Chord	S	Tens.	Comp.	
	-		404	200			110	4070	

3'8'

38'

B-C -702 442 - 1676 Top chord 2x6 SP 2400f-2.0E Ç - D 521 - 409 G-H 463 - 1813 Bot chord 2x4 SP #2 D-E 275 - 1520 H-1 361 - 2031 Webs 2x4 SP #3 440 - 1677 301 - 1930 :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.



Y - X 489 -213 Q - O 1606 X - W 489 -213 O - M 1582 S - R 1152 -56

Chords Tens.Comp.

497 - 212

B-Y

Maximum Bot Chord Forces Per Ply (lbs)

Chords

R-Q

Tens. Comp.

- 127

- 106

- 102

1819

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Tens. Comp. C-W 296 -677 438 - 99 W-V 295 - 1750 1516 M-L - 183 V - D 297 - 1735 I - L100 -513 D-S 1306 -67 L-J 1557 - 189 E-S 62 - 407 J - K 238 - 1557 F-R 882 - 97

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

SEQN: 652556 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T17 FROM: CDM Qtv: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1651.06037 Truss Label: B04 / WHK 09/17/2019 19'4"8 8'4"2 12'4"1 25'8"12 31'11"4 38'3"8 44'3"12 50'4" 8'4"2 3'11"15 6'4"4 6'2"8 6'4"4 6'0"4 6'0"4 =7<u>X</u>6 =7<u>X</u>6 =6X6 W W1 ≠4X6 D (a) (a) (a) 3 12 W7 ≠7X6(SRS) ₹4X5 S ⊊4X4 R =5X8 Q ≡3X4 XW 'V ≡3X4 UТ K N3X5 = 4X6 = 3X5 ≡5X8 =4X5(A2) 12'2"13 3'11"15 8'4"2 3'0"8 6'4"4 2'4"12 6'2"8 6'3"12 6'0"4 8'4"2 12'4"1 19'4"8 25'8"12 31'11"4 44'3"12 50'4" 3'11"15 3'8" 16'4" 38

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defi/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): 0.064 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.129 U 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.032 K
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.12 ft		HORZ(TL): 0.070 K
NCBCLL: 10.00	TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.153
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.605
Spacing: 24.0 "	C&C Dist a: 5.03 ft	Rep Fac: Yes	Max Web CSI: 0.791
	Loc. from endwail: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

1	▲ Maximum Reactions (lbs)								
ı			ravity				n-Gra	vity	
ı	Loc	R+	/ R-	/ Rh		/ Rw	/ U	/ RL	
I	z	556	/-	/-		/318	/163	/428	
ı	W	2179	/-	/-		/1469	/317	/-	
ı	K	1586	/-	/-		/1027	/228	/-	
Į	Win	d read	ctions b	ased o	n M\	VFRS			
ĺ	Z	Brg V	Vidth =	3.5		Min Req = 1.5 Min Req = 2.2			
I	W	Brg V	Vidth =	5.7					
I	K	Brg V	Vidth =	-		Min Reg = -			
I	Bea	rings :	Z & W :	are a rig	gid s	urface.	•		
I						ces less	than 3	375#	
-	Max	imun	Top C	hord F	orc	es Per	Ply (lb	s)	
	Cho	rds 1	Tens.Co	omp.	Ch	ords	Tens.	Comp.	
	_	_	=	-	_	_			

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.

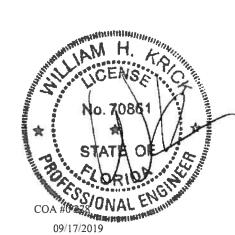
Additional Notes

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

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



531 B - C 509 -733 F-G - 1614 C-D 526 - 403 G-H 531 - 1767 D-E 368 - 1410 H-I 453 - 1994 519 - 1615 - 1902 Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. B - Y - 425 557 R-Q 1772 - 121 Y - X 549 - 425 Q - Q1575 - 127 X - W 549 - 425 0 - 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 1493 M-L - 249 D-S 1271 - 125 I-L 128 - 503 E-S -473 - 255 83 L-J 1532 E-R 918 - 103 327 - 1535

J - K

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

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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

SEQN: 652559 FROM: CDM Page 1 of 2

GABL Qty: 1

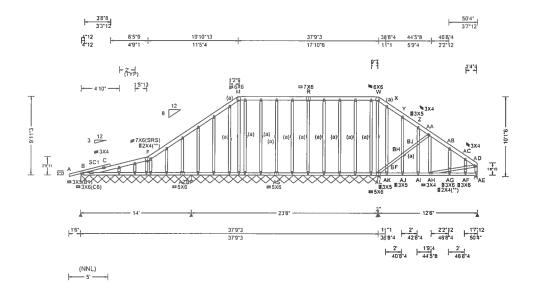
Ply: 1

Job Number: 19-3124B

/MIKE & ANGELA WOOD RES. /Plumb Level Construction

Truss Label: 805

Cust: R 215 JRef: 1WOK2150007 T10 DrwNo: 260.19.1651.20080 GA / WHK 09/17/2019



ı	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
ı	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
ı	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.020 AJ 999 240
ı	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.041 AJ 999 180
ı	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.011 Y
ı	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.022 Y
ı	NCBCLL: 10.00	Mean Height: 17.12 ft	Code / Misc Criteria	Creep Factor: 2.0
١	Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.214
l	Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.282
l	Spacing: 24.0 "	C&C Dist a: 5.03 ft	Rep Fac: Yes	Max Web CSI: 0.267
l	-p3	Loc. from endwall: Anv	FT/RT:20(0)/10(0)	
l		GCpi; 0.18	Plate Type(s):	
l		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
ľ	Lumber			

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R / Rh /U /RL R* 86 1_ /48 /12 BP*83 /-/50 /4 AL 688 /-/-/458 AE 473 /-/331 /-Wind reactions based on MWFRS Brg Width = 167 В Min Rea = -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.

Maximum Web Forces Per Ply (lbs)

0 -424

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

AC-AD

0 - 467

Maximum Gable Forces Per Ply (lbs) Gables Tens.Comp.

AD-AE

AB-AC

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

(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.



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

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



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 652561 COMN Ply; Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T20 FROM: CDM Qty: 3 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1651.38957 Truss Label: C01 GA / WHK 09/17/2019 5'6"14 11'0"8 17'4"12 23'7"4 29'11"8 35'5"2 39'8"5 44' 5'6"14 5'5"10 6'4"4 6'2"8 6'4"4 5'5"10 4'3"3 4'3"11 =3X4 ≅6X6 G ≡6X6 C =3X6 D E **∌**3X4 ₹5X6 ₹3X6 U III5X6(B2) = 3X4 R ≡4X6 =3X4 =3X10 =3X6 N ≡H0510 #5X6(B2) =4X8 5'6"14 5'5"10 6'4"4 6'2"8 6'4"4 1'0"8 4'5"2 4'3"3 4'3"11 5'6"14 11'0"8 17'4"12 23'7"4 29'11"8 35'5"2 39'8"5 31 44 Non-Gravity /Rw /U /RL /1120 /-/437

	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum React
İ	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.204 F 999 240	Loc R+ /R-
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.425 F 999 180	A 1847 /-
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.108 L	J 1954 /-
1	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.224 L	Wind reactions base
	NCBCLL: 10.00	Mean Height: 16.74 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	A Brg Width = 4.0
	Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.705	J Brg Width = 4.0
	Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.523	Bearings A & J are
	Spacing: 24.0 "	C&C Dist a: 4.40 ft	Rep Fac: Yes	Max Web CSI: 0.929	Members not listed
	-pg	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		Maximum Top Cho
		GCpi: 0.18	Plate Type(s):		Chords Tens.Com
		Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08	A - B 365 - 282
ı			***************************************	*12** *61: *0:02:0**B:002**:00	D C 250 25

Lumber

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

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

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

F)	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.204 F 999 240	▲ Maximum Reactions (Ibs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /	ly / RI
s	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	A 1847 /- /- /1120 /- /	/437 /-
	Max BC CSI: 0.523 Max Web CSI: 0.929 VIEW Ver: 18.02.01B.0321.08	Members not listed have forces less than 37: Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. C)
	71277 701. 10.02.012.0021.00		- 28 - 41

D-E

E-F

Maximum Bot Chord Forces Per Ply (lbs)

462 - 2560

493 - 2560

Choras	rens.c	omp.	Cnoras	Tens.	Jomp.
A - W	2246	- 221	S-R	2320	- 59
W - V	2246	- 222	R-Q	2320	- 59
V - U	2024	- 116	Q-0	3370	- 260
U - T	2024	- 116	O - M	3355	- 258
T - S	2667	-61	L - J	2210	- 228

1 - J

Tens. Comp.

465 - 2657

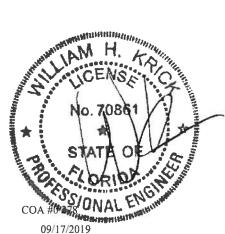
405 - 2885

515 -4102

386 - 2789

Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	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



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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.



SEQN: 652563 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T41 FROM: CDM Qty: 2 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1651.43490 Truss Label: D01 / WHK 09/17/2019 5'8"10 11'0"8 17'4"12 23'7"4 29'11"8 35'8"10 5'8"10 5'3"14 6'4"4 6'2"8 6'4"4 5'9"2 8'3"6 =3X6 =3X4 D =5X6 ∥2<u>X</u>4 ₹6X6 8 12 3X4 B ₹5X5 W₁ (a) W6 W8 T5 6°14 =3X6 =3X4 =3X4 P O =3X6=3X4 K B3 = 4X5 ≡3X8 **∥5**X6(B2) ₩3X5 112X4 5'8"10 5'3"14 6'4"4 6'2"8 6'4"4 5'9"2 8'3"6 1'6" 5'8"10 11'0"8 17'4"12 23'7" 29'11"8 35'8"10 ▲ Maximum Reactions (Ibs)

Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	Defi/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 -
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	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

Gravity Non-Gravity R+ / R-/Rh /Rw /U / RL Loc 1845 /-/1098 /-/437 1956 /-/1240 /-/-Wind reactions based on MWFRS Brg Width = -Min Req = -S 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 430 - 2027 C-D G-H 399 -2328

H-I

Chords

N - M

M - L

L-K

K-I

385 - 2766

1845

2163

2163

2164

- 180

- 180

- 180

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

Top chord 2x4 SP #2

:T5 2x4 SP 2400f-2.0E:

(a) Continuous lateral restraint equally spaced on

Hangers / Ties

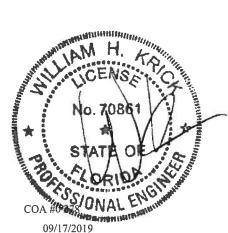
(J) Hanger Support Required, by others

Wind loads based on MWFRS with additional C&C

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.



- 163 0 - N 2043

Maximum Bot Chord Forces Per Ply (lbs)

473 - 2116

Chords Tens.Comp.

450 -438

1546 - 253

1606 - 163

1606

D-E

S-R

R-Q

Q-P

P-0

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. A-S 254 - 1797 F-N 68 - 400 1632 A-R - 170 N - G 492 -90 R-B 85 - 510 G-M 486 - 125 C-0 776 - 56 M - H 196 - 464 0 - D 67 - 525

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SEQN: 652788 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T43 FROM; CDM Qty: 8 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1651.47550 Page 1 of 2 Truss Label: D02 GA / WHK 09/17/2019 11'0"8 17'4"12 23'7"4 29'11"8 36'11"2 44 5'6"4 5'6"4 6'4"4 6'2"8 6'4"4 6'11"10 7'0"14 ≅6<u>X</u>6 /// exe = 3X4 D =5×6 8 12 3X4 B ₹5X5 (a) (a) W6 w8 2.6"14 6*14 **B3 K** B4 I = 6X6(B2) 0 113X5 M ≡5X5 =5X6 =5X6 =3X8 III 2X4 5'6"4 6'4"4 5'6"4 6'2"8 6'4"4 6'11"10 7'0"14 36'11"2 44'

	5'6"4 11'0"8	17'4"12 23'7	7"4 29'11"8	
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	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	PP Deflection in loc L/defi 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	1

	▲ Maximum Reactions (Ibs)									
	ŀ	Gravi	ty		Non-Gravity					
	Loc R	+ /F	R- / R	h / F	Rw /L	J	/ RL			
	0 21	77 /-	/-	/10	096 /-		/417			
	H 210	66 /-	/-	/1	143 /-		/-			
	Wind re	eaction	s based	on MWFF	RS					
	O Br	g Widtl	Min	Min Reg = -						
	H Br	g Widtl	Min	Min Req = -						
	Membe	ers not	listed hav	ve forces	e forces less than 375#					
Maximum Top Chord Forces Per Pl						(lbs)			
	Chords	Tens	.Comp.	Chord	s Te	1s. (Comp.			
	A - B	28	3 - 2291	E-F	4	62	- 2613			
_	B-C		6 - 2464	F - G		96	- 2883			
	C-D		5 - 2499	G-H	_	07	- 3363			

490 - 2612

Chords Tens.Comp.

430 - 400

1857 -218

1965 - 127

Maximum Bot Chord Forces Per Ply (lbs)

Chords

K - J

J - I

1 - H

Tens. Comp.

-89

- 252

- 251

-377

- 101

-110

-472

2296

2678

2679

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:

(a) Continuous lateral restraint equally spaced on

Loading

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

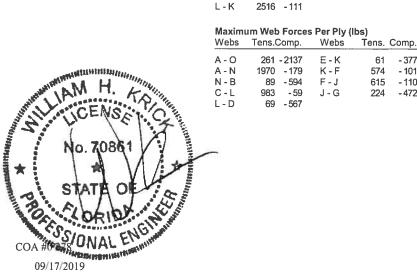
Wind

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.



D-E

0 - N

N - M

M - L

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COA # COA HOLD ON AL

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

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 uses the following member. (6) 0.148"x3" nails into supported member. (J) Hanger Support Required, by others



09/17/2019

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SEQN: 624160 GABL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T19 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1651.50810 Truss Label: D03 GA / WHK 09/17/2019 11'6"13 29'5"3 44' 11'6"13 1'8"9 1°3°7 1≈5x6 |- 2' -=| (TYP) (a) (a) (a) =3X5(D1) AF ≅5X6

Snow C	riteria (Pg	Pf in PSF)
Pg: NA	Ct: NA	CAT: NA
Pf: NA		Ce: NA
Lu: NA	Cs: NA	
Snow Du	ration: NA	A

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 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

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R-/Rw / U /RL /-X* 84 /-/49 /3 Wind reactions based on MWFRS 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 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.



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

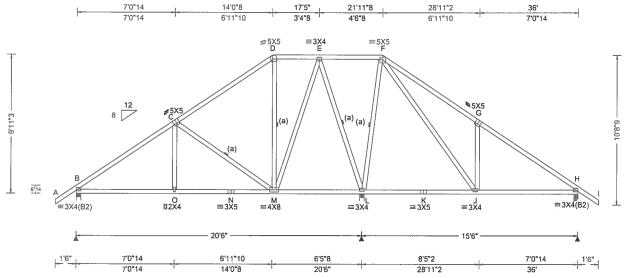
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SEQN: 652745 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T52 FROM: CDM Qty: 7 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1651.53567 Truss Label: G01 GA / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (F
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA Pf: NA Lu: NA Cs: NA Snow Duration: N
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf WWFRS 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	Code / Misc Crit Bldg Code: FBC TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0 Plate Type(s): WAVE

(Pg,Pf in PSF)	Defl/CSI Criteria	
A CAT: NA	PP Deflection in loc L/defl	L/#
Ce: NA	VERT(LL): 0.024 O 999	240
Α	VERT(CL): 0.049 O 999	180
NA	HORZ(LL): -0.011 G -	-
	HORZ(TL): 0.019 C -	-
iteria	Creep Factor: 2.0	
2017 RES	Max TC CSI: 0.686	
	Max BC CSI: 0.632	
	Max Web CSI: 0.733	
(0)		
	VIEW Ver: 18.02.01B.0321.0	08

▲ M	laxim	um Rea	actions	(lbs)				
	G	ravity		N	lon-Gra	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
В	864	/-	/-	/541	/21	/389		
L	1947	/-	/-	/1072	2 /-	/-		
Н	630	/-	/-	/454	/68	/-		
Win	d read	ctions b	ased or	MWFRS				
В	Brg V	Vidth =	4.0	Min Re	eq = 1.	5		
L	Brg V	Vidth =	4.0	Min Re	eq = 1.	9		
Н	Brg V	Vidth =	3.5	Min Re	eq = 1.5	5		
Bea	rings	B, L, &	H are a	rigid surfa	ice.			
Members not listed have forces less than 375#								
Max	cimun	Top C	hord F	orces Per	Ply (It	os)		
Cho	rds 1	ens.Co	omp.	Chords	Tens.	Comp.		
_	_							

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2v4 SP #3

Bracing

Lumber

(a) Continuous lateral restraint equally spaced on member.

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

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Mandania	D - 4	0 h	E D	DI (15 - 1	
C-D	209	- 438	G-H	157	- 577
B - C	223	- 970	F-G	332	- 586

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp B - O 707 - 263 N - M 705 - 264 0 - N 705 - 264 A - H386 - 15

waxiiiuiii web Foices Fei Fiy (ibs)										
Webs	Tens.C	Comp.	Webs	Tens. (Comp.					
C - M	199	- 554	L-F	129	-772					
M - E	716	- 134	F-J	818	- 274					
F - I	108	- 990	.l - G	250	- 508					



09/17/2019

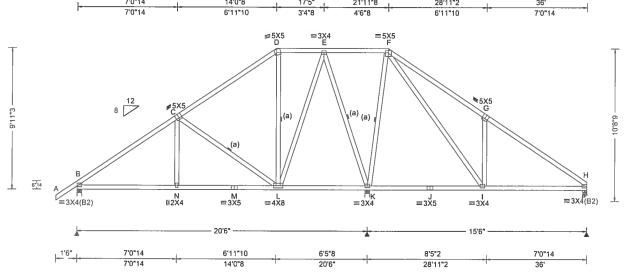
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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 652751 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T12 FROM: CDM /MIKE & ANGELA WOOD RES. /Plumb Level Construction Qty: 1 DrwNo: 260.19.1651.56963 Truss Label: G02 GΑ / WHK 09/17/2019 17'5" 7'0"14 14'0"8 21'11"8 28'11"2 36 7'0"14



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

Defl/CSI Criteria Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Pf: NA VERT(LL): 0.025 N 999 240 Ce: NA Lu: NA Cs: NA VERT(CL): 0.049 N 999 180 Snow Duration: NA HORZ(LL): -0.011 G HORZ(TL): 0.020 I Code / Misc Criteria Creep Factor: 2.0 Bldg Code: FBC 2017 RES Max TC CSI: 0.700 TPI Std: 2014 Max BC CSI: 0.642 Rep Fac: Yes Max Web CSI: 0.763 FT/RT:20(0)/10(0) Plate Type(s):

VIEW Ver: 18.02.01B.0321.08

B - C

C-D

231 - 982

218 -461

	A M	aximu	ım Rea	actions (I	bs)				
		G	ravity		No	n-Gra	vity		
ار	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
	В	873	/-	/-	/544	/20	/370		
	K	1914	/-	/-	/1064	/-	/-		
	Н	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								
1	Н	Brg V	vidth =	3.5	Min Red	j = 1.5	5		
	Bearings B, K, & H are a rigid surface.								
-	Members not listed have forces less than 375#								
4	Max	imum	Top C	hord Fo	rces Per	Ply (lb	s)		
1					Chords				

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

Bracing

(a) Continuous lateral restraint equally spaced on

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

-	-			-			020
Ma	ximum	Bot Ch	ord Fo	rces	Per Pl	v (lbs)	
Ch	orde T	ens.Co	mn	Cho	rde T	ane Co	nnn
011	0103 1	6113.00	np.	OHO	ius i	ciis. Ot	nπp.

F-G

G-H

346

168

-639

-625

B - N 717 - 219 M-L 715 -219 N-M 715 -219 I - H 430 - 51

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.C	Comp.	Webs	Tens. (Comp.
C-L	197	- 554	K-F	129	- 756
L-E	699	- 133	F-1	836	- 285
E-K	107	- 972	I-G	256	- 518



WAVE

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SEQN: 652749 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T64 FROM: CDM Qty: 4 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1652.09853 Truss Label: G03 / WHK 09/17/2019 7'0"14 14'0"8 17'5" 21'11"8 28'11"2 35'9" 7'0"14 6'11"10 3'4"8 4'6"8 6'11"10 6'9"14 ≢5X5 D =3×4 = 5<u>X</u>5 (a) 6*14 8 4 0 II2X4 = 3X5 ≡4X8 #3X6(E5) K ≡3X5 =3X4 =3X4 =3X4(B2) 20'6" 7'0"14 6'11"10 6'5"8 8'5"2 6'9"14 7'0"14 14'0"8 20'6 28'11"2 35'9

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): 0.080 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.153 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.051 H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.104 H
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.927
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.626
Spacing: 24.0 "	C&C Dist a: 3.58 ft	Rep Fac: Yes	Max Web CSI: 0.755
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber			

Maximum Reactions (Ibs) Gravity Non- Loc R+ / R- / Rh / Rw / B 854 /- /- /537 /1	
Loc R+ /R- /Rh /Rw /	U /RL
B 854 /- /- /537 /1	16 /200
	16 /368
L 1952 /- /- /1079 /-	/-
1 515 /- /- /339 /5	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 th	an 375#
Maximum Top Chord Forces Per Ply	(lbs)
Chords Tens.Comp. Chords Te	
B-C 209 -953 G-H	137 - 529

Chords

N-M

Webs

L-F

F - .1

J - G

J - I

H - I

Maximum Bot Chord Forces Per Ply (lbs)

386

Tens. Comp.

Tens. Comp.

691

401

144

823

251

-874

- 226

-33

-776

-283

-508

196 -428

693 - 225

691 - 226

Tens.Comp.

198

719 - 144

119 - 993

Maximum Web Forces Per Ply (lbs)

- 555

Chords Tens.Comp.

C-D

F-G

B - O

0 - N

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

(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.

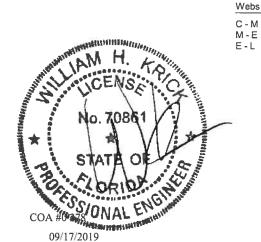
Wind loads based on MWFRS with additional C&C member design.

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



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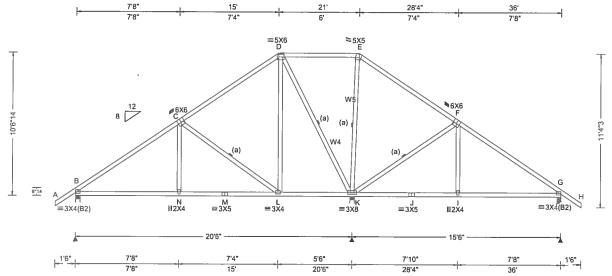
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 652747 HIPS Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T25 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1652.12337 Truss Label: G04 GA / WHK 09/17/2019 28'4"



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/#	1
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.022 N 999 240	ı
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	l
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 BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.994	1
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.656	1
Spacing: 24.0 "	C&C Dist a: 3.60 ft	Rep Fac: Yes	Max Web CSI: 0.525	ı
' "	Loc. from endwall; not in 9.00 ft	FT/RT:20(0)/10(0)		١
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	1
Lumber		,		_

AF	▲ Maximum Reactions (lbs)					
	G	ravity		No	n-Gra	vity
Lo	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	868	/-	/-	/547	/27	/342
K	1790	/-	/-	/1031	/-	/-
G	645	/-	/-	/472	/79	/-
Wi	nd read	tions b	ased on	MWFRS		
В	Brg V	/idth =	4.0	Min Red	q = 1.9	5
K	Brg V	/idth =	4.0	Min Red	q = 1.7	7
G	Brg V	/idth =	3.5	Min Red	$\dot{q} = 1.5$	5
Be	arings (3, K, &	G are a	rigid surfac	ce.	
Me	mbers	not liste	ed have f	orces less	than	375#
Ma	ximum	Top C	hord Fo	rces Per	Ply (lb	s)
				Chords		

B - C 245 - 961 - 585 F-G 168 C-D 227 - 386

			Chords		
B-N	695	- 230	K-J	383	-26

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

172 -864

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

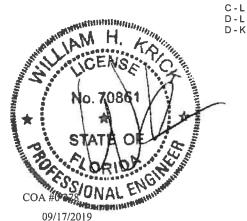
Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind 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.



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SEQN: 652741 HIPS Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T24 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1652.18167 Truss Label: G05 GA / WHK 09/17/2019 6'6"10 16'10"12 13' 23 29'5"6 36' 6'6"10 6'5"6 3'10"12 6'1"4 6'6"10 6'5"6 ≡5X5 =3×4 =5×5 (a) (a) (a) 6"14 M ∥2X4 =5X8 =5X5 =3X4 =3X4(B2) 3X4(B2) 20'6" 15'6" 6'6"10 1'6" 6'5"6 7'6' 8'11"6 6'6"10

20'6'

29'5"6

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 M 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.048 M 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 C
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15,00 ft		HORZ(TL): 0.018 C
NCBCLL: 10.00	TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.595
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.623
Spacing: 24.0 "	C&C Dist a: 3.60 ft	Rep Fac: Yes	Max Web CSI: 0.625
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber			

13'

6'6"10

Gravity Non-Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /	
Loc R+ /R- /Rh /Rw /U /	
/ I	RL
B 838 /- /- /533 /33 /3	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. Co	mp.

36

B - C F-G 299 - 554 C-D 214 -457 G - H 138 - 544 E-F 397

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

B - M 688 - 222 686 M - I - 223 Maximum Web Forces Per Ply (lbs)

vvebs	rens.comp.	vveds	rens.	Comp.
C-L	191 -507	K-F		- 809
L-E	614 - 103	F-J	772	- 269
E - K	255 - 1016	J - G	246	- 465

Bracing

(a) Continuous lateral restraint equally spaced on member.

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

Additional Notes

Top chord 2x4 SP #2

Bot chord 2x4 SP #2

Webs 2x4 SP #3 :W7 2x4 SP #2:

Refer to General Notes for additional information The overall height of this truss excluding overhang is 9-2-14.



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6750 Forum Drive Suite 305 Orlando FL, 32821

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

SEQN: 652739 HIP\$ Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T23 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1652,20983 Truss Label: G06 GΑ / WHK 09/17/2019 5'6"10 11' 18' 25' 30'5"6 36' 5'6"10 5'5"6 5'5"6 5'6"10 ≤6X6 ∥2X4 E ≅6<u>X</u>6 ₹3X4 3X4 C 6"14 B2 L N ∥2X4 $\equiv 5X5$ K ≡5X5 ∥2X4 ĺ∥4X5(B2) =3X8 5'6"10 5'5"6 5'5"6 5'6"10 1'6" 25' 5'6"10 11 18 30'5"6 36 A Maximum Passtions (lbs)

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): 0.114 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.236 E 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.051 J
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.106 J
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.664
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.681
Spacing: 24.0 "	C&C Dist a: 3.60 ft	Rep Fac: Yes	Max Web CSI: 0.527
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

Lumber

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

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.

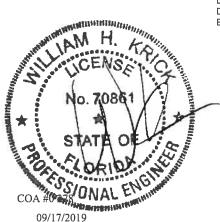
Defl/CSI Criteria		bs)
P Deflection in loc L/defl L/#	Gravity	Non-Gravity
/ERT(LL): 0.114 E 999 240	Loc R+ /R- /Rh	/Rw /U /RL
/ERT(CL): 0.236 E 999 180	B 1616 /- /-	/973 /278 /265
ORZ(LL): 0.051 J	H 1616 /- /-	/973 /278 /-
IORZ(TL): 0.106 J	Wind reactions based on I	MWFRS
Creep Factor: 2.0	B Brg Width = 3.5	Min Req = 1.5
Max TC CSI: 0.664	H Brg Width = 3.5	Min Req = 1.5
Max BC CSI: 0.681	Bearings B & H are a rigid	surface.
Max Web CSI: 0.527	Members not listed have f	orces less than 375#
Max ***CD OOI. 0.027	Maximum Top Chord Fo	rces Per Ply (lbs)
	Chords Tens.Comp.	Chords Tens. Comp.
'IEW Ver: 18.02.01B.0321.08	B - C 517 - 2244	E-F 554 - 1815
	C - D 528 - 1933	F - G 529 - 1933
	D - E 554 - 1815	G-H 516 -2244

Maximu	ım Bot Chord I	Forces Per	Ply (lb:	s)
Chords	Tens.Comp.	Chords	Tens.	Comp.

B - N 1766 - 302 1535 -221 N - M 1765 - 303 K - J 1765 - 328 M-L 1535 -213 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			



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEON: 652737 HIPS Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T22 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1652.24080 Truss Label: G07 GΑ / WHK 09/17/2019 4'6"10 15'0"9 20'11"7 31'5"6 36 4'6"10 4'5"6 6'0"9 5'10"13 6'0"9 4'6"10 4'5"6 =5X6 =3<u>×</u>4 =5×5 =5X6 6"14 O =3X4 N ≅5X5 B2 M K ⊪2X4 III4X5(B2) III4X5(B2) 1112X4 ≡5Χ5 =3X836 4'6"10 4'5"6 6'0"9 5'10"13 6'0"9 4'5"6 4'6"10 4'6"10 15'0"9 20'11"7 27 31'5"6 36 Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs) TCLL: 20.00 Wind Std: ASCE 7-10 Gravity Non-Gravity Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Loc R+ Speed: 130 mph / R-/Rw /U /RL TCDL: 10.00 Pf: NA Ce: NA VERT(LL): 0.128 F 999 240 Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.266 F 999 180 В 1616 /-/-/957 /282 /227 Risk Category: II 10.00 BCDL: Snow Duration: NA HORZ(LL): 0.052 K 1616 /-/957 /-/282 /-EXP: C Kzt: NA HORZ(TL): 0.108 K Wind reactions based on MWFRS Des Ld: 40.00 Mean Height: 15.00 ft Brg Width = 3.5 Code / Misc Criteria Creep Factor: 2.0 В Min Req = 1.5NCBCLL: 10.00 TCDL: 5.0 psf Brg Width = 3.5 Bldg Code: FBC 2017 RES Min Req = 1.5 Max TC CSI: 0.640 Soffit: 2.00 BCDL: 5.0 psf Bearings B & I are a rigid surface. TPI Std: 2014 Max BC CSI: 0.646 Load Duration: 1.25 MWFRS Parallel Dist: h/2 to h Members not listed have forces less than 375# Rep Fac: Yes Max Web CSI: 0.294 Spacing: 24.0 " C&C Dist a: 3.60 ft Maximum Top Chord Forces Per Ply (lbs) FT/RT:20(0)/10(0) Loc. from endwall: not in 9.00 ft Chords Tens.Comp. Chords Tens. Comp. GCpi: 0.18

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 Duration: 1.60

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.

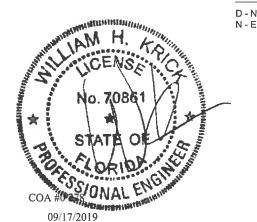
Plate Type(s): WAVE VIEW Ver: 18.02.01B.0321.08 B - C 531 - 2235 F-G 616 - 2121 C-D 549 - 2034 G-H 549 - 2033

D-F 612 - 2108 529 - 2235 H - I E-F 616 - 2120

waximum bot chord Forces Per Ply (ibs)					
Chords	Tens.C	Comp.	Chords	Tens.	Comp.
B - P	1762	-319	M - L	1637	- 273
P-0	1763	- 320	L-K	1763	- 349
O - N	1639	- 265	K - I	1763	- 348
M - M	2125	302			

Maximum Web Forces Per Ply (lbs)							
Webs Tens.Comp.		Comp.	Webs	Tens.	Comp.		
D-N	684	- 175	M-G	695	- 179		

149 - 383



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6750 Forum Drive Suite 305 Orlando FL, 32821

HIPS SEQN: 652735 Ply: 2 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T28 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1652.31463 Truss Label: G08 / WHK 09/17/2019 2 Complete Trusses Required 12'5"2 18' 23'6"14 29' 36' 5'6"14 5'5"2 5'6"14 5'5"2 =5X5 =3X4 D =7X6 ≡3X4 F = 5X5 T2 = 4X6(B1) =3X8 』 ∥2X4 36 5'5"2 5'6"14 1'6" 5'6"14 5'5"2 12'5"2 18' 23'6"14 29 Loading Criteria (not) Wind Criteria

Loading Citteria (psi)	Willia Criteria
TCLL: 20.00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 130 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
Des Ld: 40.00	EXP: C Kzt: NA
	Mean Height: 15.00 ft
NCBCLL: 0.00	TCDL: 5.0 psf
Soffit: 2.00	BCDL: 5.0 psf
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h
Spacing: 24.0 "	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 Du	ration: NA	Δ				

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): 0.139 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

		J
	18.02.01B.0321.08	
•	10.02.010.0021.00	

▲ Maximum Reactions (lbs) Non-Gravity Gravity 00 D± / Dh

Chords Tens.Comp.

LOC	ΚŦ	/ K-	/ Rn	/ RW	/ U	/ KL	
В	3605	/-	/-	/938	/884	/188	
Н	3605	/-	/-	/938	/884	/-	
Win	Wind reactions based on MWFRS						
В	Brg W	idth = 3.	5	Min Red	= 1.5		
Н	Brg W	idth = 3.	5	Min Red	= 1.5		
Bearings B & H are a rigid surface.							

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

B-C C-D	691 - 2787	E-F	905	- 3646
C-D	817 - 3295	F-G	817	- 3295
D =	OOE 2646	СЦ	604	2707

Chords Tens Comp.

Maximum Bot Chord Forces Per Ply (lbs)						
Chords	Tens.C	comp.	Chords	Tens. 0	Comp.	
B - N N - M M - L	2263 2257 3335	- 554 - 555 - 831	L-K J-H	3335 2257 2263	- 831 - 555 - 554	

Maximum Web Forces Per Ply (lbs)								
Webs	Tens.C	Comp.	Webs	Tens.	Comp.			
C - M	1402	- 354	L-F	414	- 98			
M - D	239	- 672	F-K	239	- 672			

K-G

1402

- 354

- 98

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

43							
(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)							
64 plf at	-1.50 to	64 plf at	7.00				
32 plf at	7.00 to	32 plf at	29.00				
64 plf at	29.00 to	64 plf at	37.50				
5 plf at	-1.50 to	5 plf at	0.00				
20 plf at	0.00 to	20 plf at	7.03				
10 plf at	7.03 to	10 plf at	28.97				
20 plf at	28.97 to	20 plf at	36.00				
5 plf at	36.00 to	5 plf at	37.50				
Conc. Loa	d at 7.03,2	28.97					
			,15.06				
Conc. Loa	d at 7.03,2	28.97					
Conc. Loa	d at 9.06,1	11.06,13.06	,15.06				
20.94,22.94	1,24.94,26.	94					
	Dur.Fac.= 64 plf at 32 plf at 64 plf at 5 plf at 20 plf at 10 plf at 20 plf at 0 Conc. Loa 20.94,22.94 0 Conc. Loa	Dur.Fac.=1.25 / Plate 64 plf at -1.50 to 32 plf at 7.00 to 64 plf at 29.00 to 5 plf at -1.50 to 20 plf at 0.00 to 10 plf at 7.03 to 20 plf at 36.00 to 5 plf at 36.00 to 0 Conc. Load at 7.03,20 Conc. Load at 9.06,10 Conc.	Dur.Fac.=1.25 / Plate Dur.Fac.= 64 plf at -1.50 to 64 plf at 32 plf at 7.00 to 32 plf at 64 plf at 29.00 to 64 plf at 5 plf at -1.50 to 5 plf at 20 plf at 7.03 to 10 plf at 20 plf at 28.97 to 20 plf at				

Wind

Wind loads based on MWFRS.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



09/17/2019

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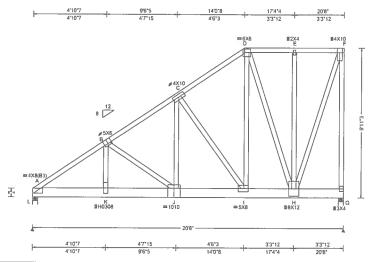
SEQN: 652530 SPEC Ply: 4 FROM: CDM Qty: 1 Job Number: 19-3124B

/MIKE & ANGELA WOOD RES. /Plumb Level Construction

Truss Label: G09

Cust: R 215 JRef: 1WOK2150007 T26 DrwNo: 260,19.1652,47557 GΑ / 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	Snow Criteria (Pg,P Pg: NA Ct: NA (Pf: NA (Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 20 TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):
Lumber	Wind Duration: 1.60	WAVE, HS Additional Notes
	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 "	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 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) | Defl/CSI Criteria Pg: NA Pf: NA Ce: NA Lu: NA Cs: 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

Ct: NA CAT: NA 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 (Ibs)							
	Gravity Non-Gravity						
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
L	10909	/-	/-	/590	/-	/221	
G	11727	/-	/-	/612	/42	/-	
Win	d react	tions ba	sed on I	MWFRS			
L	Brg W	idth = 4	1.0	Min Re	q = 2.3	3	
G	G Brg Width = 4.0 Min Reg = 2.4						
Bearings L & G are a rigid surface.							
Members not listed have forces less than 375#							
Max	Maximum Top Chord Forces Per Ply (lbs)						

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

B - C14 - 2925 C - D 12 - 1715

Chords Tens.Comp.

Webs 2x4 SP #3

Top chord 2x4 SP #2

Bot chord 2x8 SP 2400f-2.0E

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) 64 plf at 5 plf at TC: From -2.00 to 64 plf at 20.67 BC: From -2.00 to 0.00 to 5 plf at 0.00 BC: From 10 plf at 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 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

A - K 3207 -80

Maximum Web Forces Per Ply (lbs)

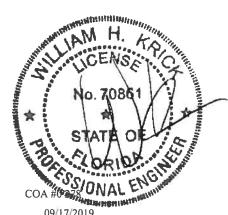
Maximum Bot Chord Forces Per Ply (lbs)

3228 -80 J - I 2355 - 55 -31

Chords

Tens. Comp.

Webs	Tens.C	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-L	44	- 1674	F-G	40	- 2500		



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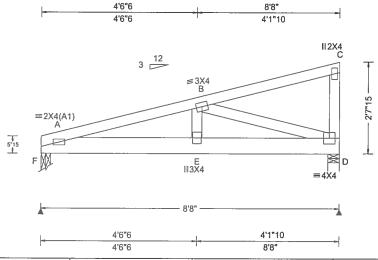
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**Refer to division of ITM Building Component Court has been applied to the property of the propert

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SEQN: 652779 MONO Ply: 2 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T29 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260,19.1652.56503 Truss Label: H01 GA / WHK 09/17/2019

2 Complete Trusses Required



Loading Criteria (psf) Wind	d Criteria	Snow Criteria (Pg.I	Pf in PSF)	Defl/CSI Criteri	a	•		▲ Max	mum Re	actions (II	bs)		
TCLL: 20.00 Wind			,	PP Deflection in	loc	L/defl	L/#		Gravity	,	, N	on-Grav	vity
TCDL: 10.00 Spee	ed: 130 mph	-	Ce: NA	VERT(LL): 0.02				Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
DOLL. 0.00	losure: Closed	Lu: NA Cs: NA		VERT(CL): 0.04	15 E	999	180	F 14	25 /-	/-	/-	/205	/-
I DCDE. 10.00	Category: II	Snow Duration: NA		HORZ(LL): -0.00	05 C	_	_		18 /-	/-	/-	/184	/ -
Decid: 40.00	P: C Kzt: NA			HORZ(TL): 0.00	09 C	-	-	Wind r	eactions I	pased on N	/WFRS		
	an Height: 15.00 ft DL: 5.0 psf	Code / Misc Criter	ia	Creep Factor: 2	.0				Width =		Min Re	•	
0.00	DL: 5.0 psf	Bldg Code: FBC 20	17 RES	Max TC CSI: (0.145				y Width ≈		Min Re	q = 1.5	;
	FRS Parallel Dist: 0 to h/2	TPI Std: 2014		Max BC CSI: (0.208					are a rigid			
		Rep Fac: No		Max Web CSI: (0.429					ted have fo			
Loc. f	from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)							um rop Tens.C	Chord For	ces Per	Ply (lb	s)
	GCpi: 0.18	Plate Type(s):						Onorda	10113.0	omp.			
Wind	d Duration: 1.60	WAVE		VIEW Ver: 18.03	2.01B	.0321	.08	A - B	192 -	- 1334			

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.

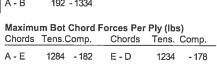
Special Loads

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

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.



Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. E-B B - D - 1288



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

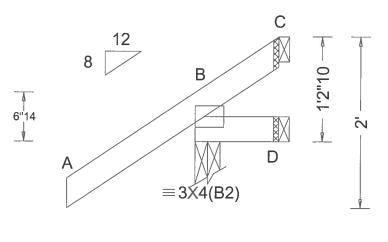
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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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

SEQN: 652727 JACK Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T33 FROM: CDM Qty: 4 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260,19.1652.58700 Truss Label: J01 / WHK 09/17/2019



4	1'6"	11"11
<0	1.6.	11"11

			1111		
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA	▲ Maximum Reactions (I Gravity Loc R+ /R- /Rh	bs) Non-Gravity / Rw / U / RL
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.002 C	B 237 /- /- D 12 /-6 /- C - /-46 /-	/200 /57 /47 /15 /9 /- /29 /53 /-
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	0.00 TCDL: 5.0 psf 2.00 BCDL: 5.0 psf ion: 1.25 MWFRS Parallel Dist: 0 to h/2	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.187 Max BC CSI: 0.029 Max Web CSI: 0.000	Wind reactions based on N B Brg Width = 3.5 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have for	Min Req = 1.5 Min Req = - Min Req = - e.
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		

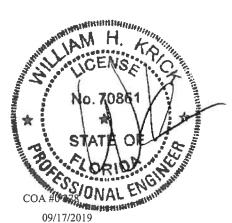
Lumber

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

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



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

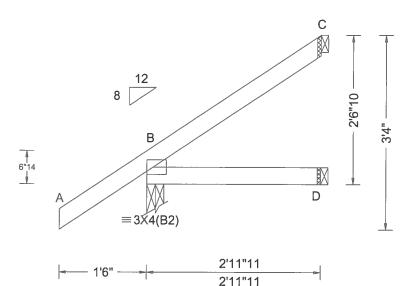
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SEQN: 652725 JACK Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T32 FROM: CDM Qty: 4 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1653.00250 Truss Label: J03 GA / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (II	bs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Site: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA		PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C	Gravity Loc R+ / R- / Rh B 259 /- /- D 54 /- /- C 69 /- /-	Non-Gravity / Rw / U / RL /197 /30 /84 /40 /- /-
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	HORZ(TL): 0.001 D Creep Factor: 2.0 Max TC CSI: 0.191 Max BC CSI: 0.090 Max Web CSI: 0.000	Wind reactions based on M B Brg Width = 3.5 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have for	Min Req = 1.5 Min Req = - Min Req = -

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.



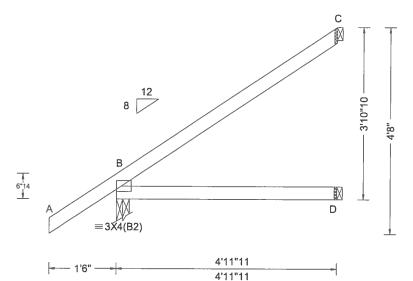
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 652723 JACK Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T31 FROM: CDM Qty: 4 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1653.01577 Truss Label: J05 GA / WHK 09/17/2019



Loading Criteria (psf) W	Vind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	 os)
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 "	Vind Std: ASCE 7-10 Speed: 130 mph inclosure: Closed kisk Category: II XXP: C Kzt: NA fean Height: 15.00 ft CDL: 5.0 psf ICDL: 5.0 psf IVFRS Parallel Dist: 0 to h/2 8C Dist a: 3.00 ft oc. from endwall: not in 4.50 ft GCpi: 0.18 Vind Duration: 1.60	` • '		Gravity Loc R+ / R- / Rh B 331 /- /- D 94 /- /- C 137 /- /- Wind reactions based on M B Brg Width = 3.5 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface. Members not listed have for	/ Rw /242 /65 /77 /WFRS Min Red Min Red

Lumber

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

Wind loads based on MWFRS with additional C&C

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



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Non-Gravity

/65 /-

Min Req = 1.5 Min Reg = -Min Reg = -

forces less than 375#

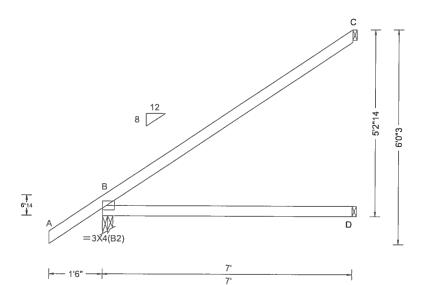
/ RL

/122

/Rw / U

/242 /27

/65 /- SEQN: 652729 EJAC Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T34 FROM: CDM Qty: 12 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1653 03127 Truss Label: J07 GA / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Deff/CSI Criteria	▲ Maxi
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	Loc R B 41: D 13: C 20: Wind re B Br C Br C Br Bearing Membe

	laxim	um Rea	ctions (I	bs)		
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	412	/-	/-	/293	/26	/161
D	134	/-	/-	/94	/-	/-
С	200	/-	/-	/116	/92	/-
Wir	nd read	ctions b	ased on I	MWFRS		
В	Brg V	Vidth =	3.5	Min Re	q = 1.5	5
D	Brg V	Vidth =	1.5	Min Re	q = -	
С	Brg V	Vidth =	1.5	Min Re	q = -	
Bearing B is a rigid surface.						
Mei	mbers	not liste	ed have fo	orces less	than:	375#

Lumber

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

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



09/17/2019

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SEQN: 652731 HIP_ Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T35 FROM: CDM /MIKE & ANGELA WOOD RES. /Plumb Level Construction Qty: 2 DrwNo: 260.19.1653.08390 Truss Label: JH1 09/17/2019 4'11"9 9'10"1 4'11"9 4'10"8 D ≢3X4 C 5.66 5'11"8 614 F E =4X4 G ∥2X4 4'11"9 4'8"8 4'11"9 9'8"1

ı	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
ı	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
I	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.022 G 999 240	
I	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.043 G 999 180	П
Į	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.009 D	H
l	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.017 D	h
١	NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	١
١	Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES		1
I	Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.679	Ш
ı	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.343	H
l	opuomig. 2 1.0	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		Ľ
١		GCpi: 0.18	Plate Type(s):		1!
		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	
I	Lumber			· · · · · · · · · · · · · · · · · · ·	٠.

A M	▲ Maximum Reactions (lbs)						
	G	ravity		No	n-Grav	rity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	376	/-	/-	/-	/200	/-	
E	349	/-	/-	/-	/82	/-	
D	95	/-	/-	/-	/30	/-	
Win	d reac	tions bas	sed on M	WFRS			
В	Brg W	/idth = 4	.2	Min Red	q = 1.5		
E	Brg W	/idth = 1.	.5	Min Red	q = -		
D	Brg W	/idth = 1	.5	Min Red	q = -		
Bea	ring B	is a rigid	l surface.				
Men	Members not listed have forces less than 375#						
Max	imum	Top Ch	ord Forc	es Per	Ply (lbs	5)	
Cho	rds T	ens.Con	np.				

B-C 209 - 575

Maximu	ım 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

Special Loads

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

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



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

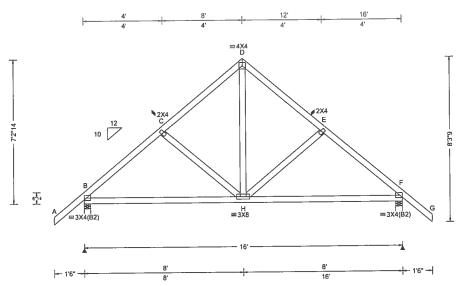
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Cust: R 215 JRef: 1WOK2150007 T21 Job Number: 19-3124B COMN Ply: SEQN: 652567 DrwNo: 260.19.1653.13840 /MIKE & ANGELA WOOD RES. /Plumb Level Construction FROM: CDM Qty: 4 / WHK 09/17/2019 Truss Label: K01



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	
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): 0.018 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.037 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.010 H
	EXP: C Kzt: NA		HORZ(TL): 0.020 H
Des Ld: 40.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
NCBCLL: 10.00	TCDL: 5.0 psf	Bidg Code: FBC 2017 RES	'
Soffit: 2.00	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.708
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.173
Spacing: 24.0 "	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	Max 1105 SSI. S. 115
	Loc. from endwall: Any	, , , ,	
1	GCpi: 0.18	Plate Type(s):	VIEW Ver. 40 02 04B 0334 08
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

_	▲ Maxin	num Rea	ctions ((lbs)			
		Gravity		No	on-Grav	rity	
)	Loc R+	· / R-	/ Rh	/ Rw	/ U	/ RL	_
)	B 795	1-	/-	/506	/120	/269	
		/-	1-	/506		/-	
	Wind re	actions b	ased on	MWFRS			
	B Brg	Width =	4.0	Min Re	q = 1.5		
	F Brg	Width =	4.0	Min Re	q = 1.5		
	Bearing	sB&Fa	re a rigi	d surface.			
	Member	rs not list	ed have	forces less	s than 3	75#	
	Maximu	ım Top (hord F	orces Per	Ply (lb:	s)	
	Chords	Tens.Co	omp.	Chords	Tens.	Comp.	_
-	B-C	220	- 807	D-E	226	- 613	
_	C-D		-613	E-F	218	- 807	

Lumber

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

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.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. -46 H-F 548 - 131

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

453 - 164



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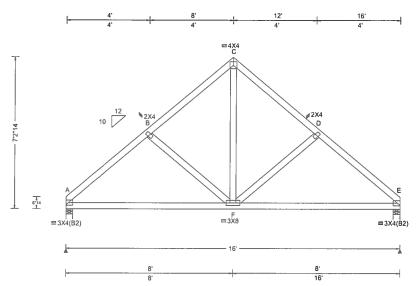
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6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 652574 COMN Ply: FROM: CDM 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
1		wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)			Defi/CSI Criteria				
Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/defl L/#				
Pf: NA		Ce: NA	VERT(LL): 0.015 F 999 240				
Lu: NA	Cs: NA		VERT(CL): 0.033 F 999 180				
Snow Du	ration: NA	۱	HORZ(LL): 0.007 F				
			HORZ(TL): 0.016 F				
Code / M	isc Crite	ria	Creep Factor: 2.0				
Bldg Cod	e: FBC 2	017 RES	Max TC CSI: 0.161				
TPI Std: :	2014	i	Max BC CSI: 0.722				
Rep Fac: Yes			Max Web CSI: 0.178				
FT/RT:20	(0)/10(0)						
Plate Typ	e(s):						
WAVE			VIEW Ver: 18.02.01B.0321.08				

-	▲ Maxi	mum R	eactions	(lbs)		
		Gravity		. N	on-Grav	rity
	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
	A 688	B /-	/-	/406	/96	/199
Ī	E 688	B /-	/-	/406	/96	/-
	Wind re	eactions	based on	MWFRS		
	A Bro	g Width	= 4.0	Min Re	q = 1.5	
	E Br	g Width	= 4.0	Min Re	q = 1.5	
	Bearing	s A & E	are a rigi	d surface.	•	
	Membe	ers not lis	sted have	forces les	s than 3	75#
ļ	Maxim	um Top	Chord F	orces Per	Ply (lbs	s)
				Chords		
1	A - B	196	-831	C-D	207	- 634
	B-C	207	- 634	D-E	196	- 831
_	B - C	207	- 634	D-E	196	- 8

Lumber

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

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.

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) Tens.Comp. Webs

C-F 468 - 151

09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 652577 FROM: CDM

COMN Qty:

Ply: 2

Job Number: 19-3124B

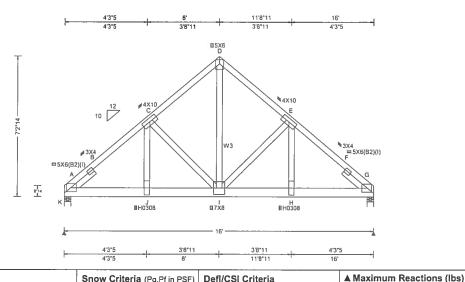
/MIKE & ANGELA WOOD RES. /Plumb Level Construction

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)	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): 0.082 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.164 I 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.031 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.062 C
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.478
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.700
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.953
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 18.02.01B.0321.08
Lorenteen		DI II	

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) 0.00 to 66 plf at 16.00 0.00 to 20 plf at 16.00 TC: From 66 plf at BC: From 20 plf at 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 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.

= maximum reconons (ibs)						
	G	ravity		N	on-Grav	vity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
K 8	3207	/-	/-	/-	/71	/-
	3330		<i>I</i> -	/-	/70	/-
Wind	Wind reactions based on MWFRS					
K	3rg W	/idth = -	4.0	Min Re	q = 3.4	
G I	G Brg Width = 4.0 Min Reg = 3.4					
Bear	ings k	⟨&Ga	re a rig	id surface.		
Mem	bers	not liste	d have	forces les	s than 3	375#
Maxi	mum	Top C	hord F	orces Per	Ply (lb:	s)
Chor	ds T	ens.Co	mp.	Chords	Tens.	Comp.
A - B		71 -4	1970	D-E	36	- 3456
B-C				E-F	39	
C-D)	36 - 3	3455	F-G	71	- 4979

Chords Tens.Comp. Chords Tens. Comp.						
Onorda	10113.0	omp.	0110103	10113.	onip.	
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 C - I 12 - 1485 E-H 2020 D - I 4222 0



09/17/2019

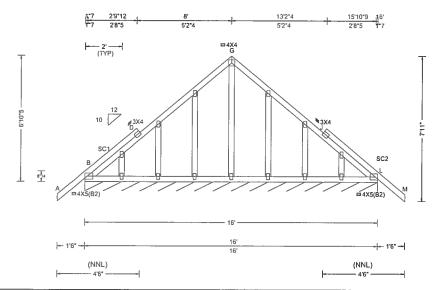
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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 652571 GABL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T30 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1653.31910 Page 1 of 2 Truss Label: K04 09/17/2019



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/#	1
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 D 999 240	1.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.006 D 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.005 D	-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 D	
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.402	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.143	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.106	
	Loc. from endwall: Anv	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08]
Lumber	-		· · · · · · · · · · · · · · · · · · ·	_

	A M	laximı	um Rea	ctions (II	os), or *=	PLF		
	Gravity				Non-Gravity			
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
)	В*	145	/-	/-	/71	/28	/25	
	Win	id read	ctions b	ased on N	/WFRS			
	В	Brg V	Vidth =	192	Min Re	q = -		
ĺ	Bea	ring B	is a rig	id surface) .			
	Mer	nbers	not liste	ed have fo	rces les	s 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.

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

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



09/17/2019

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SEON: 652571 GABI 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 / 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.



09/17/2019

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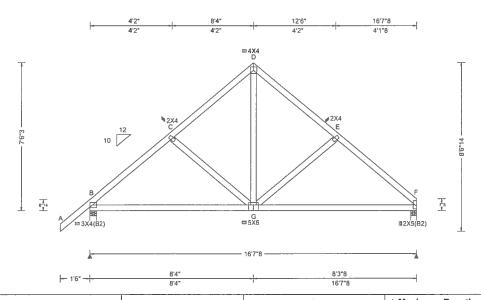
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SEQN: 652585 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T27 FROM: CDM /MIKE & ANGELA WOOD RES, /Plumb Level Construction DrwNo: 260.19.1653.33967 Qty: 2 GA / WHK Truss Label: L01 09/17/2019



	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.018 G 999 240	L
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.038 G 999 180	В
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 G	F
-	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.018 G	٧
i	NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	В
	Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.278	F
	Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.755	E
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.183	V
	opasing. 2 no	Loc. from endwall: Any	FT/RT:20(0)/10(0)		N
		GCpi: 0.18	Plate Type(s):] =
		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	B
ı					, ,

▲ Maximum Reactions (lbs)						
	Gravity		N	on-Grav	/ity	
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
B 828	/-	/-	/522	/126	/253	
F 709	/-	/-	/421	/98	/-	
Wind re	actions b	ased on	MWFRS			
B Brg	Width =	4.0	Min Re	q = 1.5		
F Brg	Width =	3.5	Min Re	q = 1.5		
Bearing	sB&Fa	re a rigi	d surface.			
Member	s not list	ed have	forces les	s than 3	375#	
Maximu	ım Top C	Chord F	orces Per	Ply (lbs	s)	
Chords	Tens.Co	omp.	Chords	Tens.	Comp.	
B-C	235	- 851	D-E	244	- 651	
C-D	243	- 648	E-F	238	- 855	

Lumber

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

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.

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



09/17/2019

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MARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

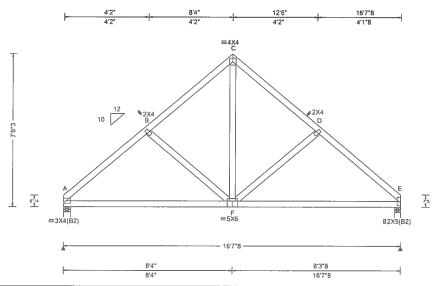
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SEQN: 652587 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T6 FROM: CDM Qty: 2 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo 260 19 1653 35627 Truss Label: L02 GA / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.017 F 999 240	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.036 F 999 180	A 716 /- /- /422 /100 /207
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 F	E 714 /- /- /421 /100 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.017 F	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	A Brg Width = 4.0 Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.176	E Brg Width = 3.5 Min Req = 1.5
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.761	Bearings A & E are a rigid surface.
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.185	Members not listed have forces less than 375#
opasing. 21.0	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs)
	GCpi: 0.18	Plate Type(s):		Chords Tens.Comp. Chords Tens.Comp.
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	A - B 200 - 866 C - D 212 - 659
11	·			B-C 212 -660 D-E 200 -864

Lumber

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

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.

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

F-F

599

-85

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

601 - 87

A - F

C-F 486 - 154



09/17/2019

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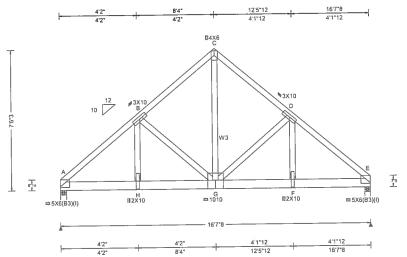
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Cust: R 215 JRef: 1WOK2150007 T9 Job Number: 19-3124B COMN Ply: 2 SEON: 652589 DrwNo: 260.19.1654.00880 /MIKE & ANGELA WOOD RES. /Plumb Level Construction FROM: CDM Qty: 1 09/17/2019 GA / WHK Truss Label: L03

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) | Defl/CSI Criteria Ct: NA CAT: NA Pg: NA Pf: NA Ce: NA Cs: NA Lu: 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): 0.082 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) Non-Gravity Gravity / RL Loc R+ / R-/Rh /Rw / U /980 /-6549 /-/-/1139 /-7701 /-Wind reactions based on MWFRS Brg Width = 4.0 Min Req = 2.7Brg Width = 3.5 Min Req = 3.2Bearings 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. 621 - 4058 C-D 443 - 2831 A - B D-E 623 - 4016 443 - 2833 B - C

nber

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: 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 16.63 16.63

Plating Notes

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

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

Maximu	m Bot Chord	Forces Per	Ply (lb:	s)
Chords	Tens.Comp.	Chords	Tens.	Comp.

Ollorab	10110.0	, oiiipi			· · · · · · · · · · · · · · · · · · ·
A - H H - G	3056 3035		G-F F-E	2998 3019	

Maximum Web Forces Per Ply (lbs)

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



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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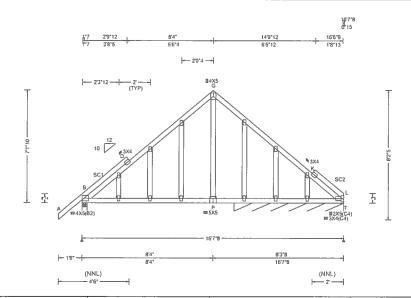
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses A seal on this drawing or cover page truss in conformance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

6750 Forum Drive Suite 305 Orlando FL, 32821

 SEQN: 652597
 GABL
 Ply: 1
 Job Number: 19-3124B
 Cust: R215
 JRef: 1WOK2150007
 T3

 FROM: CDM
 Qty: 1
 /MIKE & ANGELA WOOD RES. /Plumb Level Construction
 DrwNo: 260.19.1654.06073

 Page 1 of 2
 Truss Label: L04
 GA / WHK
 09/17/2019



Wind Criteria (psf)	Snow Criteria (Pg,Pf in PSF) Pg: NA
---------------------	---------------------------------------

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.

l Criteria	▲ Max	cimur	n Reac	tions (lb	s), or *=1	PLF			
ection in loc L/de	efl L/#		Gra	avity		No	n-Grav	ity	
L): 0.203 R 60	0 240	Loc F	₹+ .	/ R-	/Rh	/ Rw	/ U	/ RL	
L): 0.409 R 29			138	•	/-	/751	/188	/380	
.L): 0.156 E -	-	T* 15	57 .	/-	/-	/95	/25	/-	
L): 0.314 E -	-	Wind	reacti	ons bas	ed on M	IWFRS			
actor: 2.0		в в	rg Wi	dth = 4.	0	Min Red	= 1.5		
CSI: 0.808		Т В	rg Wi	dth = 83	3.5	Min Rec	= -		
CSI: 0.617		Bearin	igs B	& O are	a rigid	surface.			
b CSI: 0.288		Memb	ers n	ot listed	have fo	rces less	than 3	75#	
D CSI, U.200		Maxin	num '	Top Ch	ord For	ces Per F	Ply (lbs	i)	
		Chord	s Te	ns.Com	ıp. C	hords	Tens. (Comp.	
er: 18.02.01B.032	B-D B-D				6 - K	405 234	- 880 - 884		
								307	

D-G

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

394 - 838



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SEON: 652597 GABL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T3 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260 19 1654 06073 Page 2 of 2 Truss Label: L04 / 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 7-1-10.



09/17/2019

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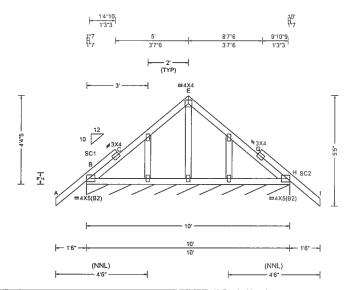
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SEQN: 652599 GABL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T5 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.09737 / WHK Page 1 of 2 Truss Label: L05 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximun
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gra
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 C 999 240	Loc R+ /
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.005 C 999 180	H* 155 /
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.004 C	Wind reaction
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 C	H Brg Wi
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	Bearing B is
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.381	Members no
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.098	Maximum 1
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.070	Chords Te
' -	Loc. from endwall: Any	FT/RT:20(0)/10(0)		B-C 5
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

▲ Ma	▲ Maximum Reactions (lbs), or *=PLF								
	(Gravity		N	Ion-Gra	vity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
H* 155 /- /- /77 /72 /29									
Wind	i rea	ctions b	pased o	n MWFRS					
Н	Brg ۱	Width =	119	Min Re	eq = -				
Bear	ing E	3 is a rig	gid surfa	ace.					
Mem	bers	not list	ed have	e forces les	s than	375#			
Maximum Top Chord Forces Per Ply (lbs)									
Chords Tens.Comp. Chords Tens. Comp.						Comp.			
В-С	;	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.

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

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



09/17/2019

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



09/17/2019

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 652610 MONO Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T40 FROM: CDM /MIKE & ANGELA WOOD RES. /Plumb Level Construction Qty: 15 DrwNo: 260.19.1654.11283 Truss Label: M01 GA / WHK 09/17/2019 <u>7</u>'10"8 7'8"8 7'8"8 ^{|||}2X4 C D 3 12 21"72 В 3-14 F E ∥2X4 ≦2X4(A1) 7'10"8 7'8"8 - 1'6" 7'8"8 Non-Gravity /Rw /U / RL

L			7"	10"8		
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (II	bs)	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(CL): NA HORZ(LL): 0.018 F	Gravity Loc R+ / R- / Rh G 425 /- /- E 307 /- /-	Non-Gravity / Rw / U / RL /232 /97 /65 /160 /38 /-	
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.036 F Creep Factor: 2.0 Max TC CSI: 0.739 Max BC CSI: 0.539 Max Web CSI: 0.275	Wind reactions based on N G Brg Width = 3.5 E Brg Width = - Bearing G is a rigid surface Members not listed have for	Min Req = 1.5 Min Req = -	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08			

Lumber

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

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



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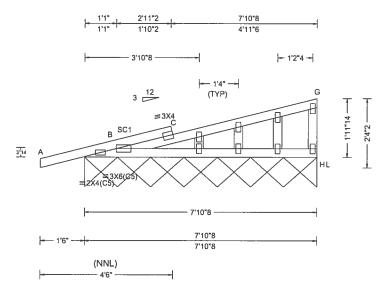
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



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



Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.004 C 999 240
	Lu: NA Cs: NA	VERT(CL): 0.007 K 999 180
0 ,	Snow Duration: NA	HORZ(LL): -0.003 C
		HORZ(TL): 0.003 C
· ·	Code / Misc Criteria	Creep Factor: 2.0
	Bldg Code: FBC 2017 RES	Max TC CSI: 0.458
	TPI Std: 2014	Max BC CSI: 0.076
	Rep Fac: Varies by Ld Case	Max Web CSI: 0.059
	FT/RT:20(0)/10(0)	
GCpi: 0.18	Plate Type(s):	
Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
	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 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 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):

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /Rw /U /RL L* 129 /-/-/61 /90 Wind reactions based on MWFRS Brg Width = 94.5 Min Reg = 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.



09/17/2019

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6750 Forum Drive Suite 305 Orlando FL, 32821

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

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



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

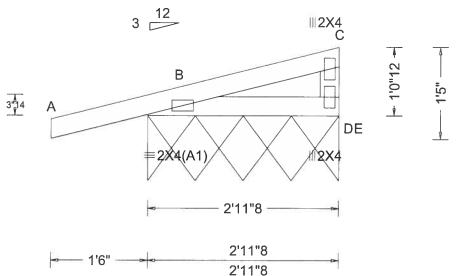
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Suite 305 Orlando FL, 32821 SEQN: 652614 SPEC Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T1 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.15890 Truss Label: M03 GA / WHK 09/17/2019



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	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed	Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): NA	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): NA HORZ(LL): 0.001 D	E* 113 /- /- /62 /29 /12 Wind reactions based on MWFRS E Brg Width = 35.5 Min Req = -
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014	Creep Factor: 2.0 Max TC CSI: 0.185 Max BC CSI: 0.060	Bearing B is a rigid surface. Members not listed have forces less than 375#
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max Web CSI: 0.025	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

Lumber

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

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



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SEQN: 652605 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T4 FROM: CDM Qty: 2 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.17787 Truss Label: N01 GA / WHK 09/17/2019 6'4' 12'8' 6'4' 6'4" 6-14 F ∥2X4 =3X4(B2) =3X4(B2)

12'8' 6'4' 6'4' - 1'6" -- 6'4" 12'8"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (I
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(LL): 0.007 F 999 240 VERT(CL): 0.014 F 999 180 HORZ(LL): 0.005 F	Gravity Loc R+ / R- / Rh B 636 /- /- D 636 /- /- Wind reactions based on N
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.008 F Creep Factor: 2.0 Max TC CSI: 0.399 Max BC CSI: 0.403 Max Web CSI: 0.107	B Brg Width = 4.0 D Brg Width = 4.0 Bearings B & D are a rigid Members not listed have for Maximum Top Chord For Chords Tens.Comp.
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	B - C 177 - 606 (

	▲ Maximum Reactions (lbs)								
		Gr	avity		N	lon-Grav	vity		
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
İ	В 6	36	/-	/-	/405	/107	/170		
	D 6	36	/-	/-	/405	/107	/-		
	Wind	react	tions I	based on	MWFRS				
	ВЕ	3rg W	idth =	4.0	Min Req = 1.5				
ı	D E	3rg W	idth =	4.0	Min Reg = 1.5				
	Beari	ngs B	& D	are a rigi	d surface				
	Members not listed have forces less than 375#								
	Maximum Top Chord Forces Per Ply (lbs)								
					Chords				
_	B - C		177	- 606	C-D	178	- 606		

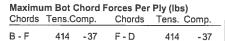
Lumber

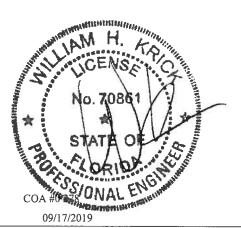
Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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.





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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 1 of 2 Truss Label: N02 09/17/2019 / WHK 9'9"15 12'6"12 2'8"13 3'5"15 3'5"15 = 4×4 (TYP) 6-14 |||3X4(C4) |≡3X4(C4) 12'8" -|-- 1'6" --| 12'8' (NNL) (NNL)

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.004 D 999 240	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.008 H 999 180	J* 184 /- /- /80 /73 /27
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 D	Wind reactions based on MWFRS
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 D	J Brg Width = 152 Min Req = -
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	Bearing B is a rigid surface.
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.514	Members not listed have forces less than 375#
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.144	Maximum Top Chord Forces Per Ply (lbs)
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.052	Chords Tens.Comp. Chords Tens. Comp.
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		B-D 418 -258 H-J 418 -263
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

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

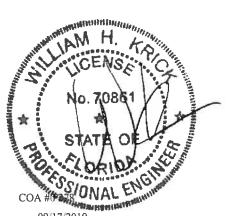
All plates are 2X4 except as noted.

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.



09/17/2019

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6750 Forum Drive Suite 305 Orlando FL, 32821

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

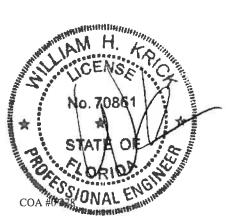
Additional Notes

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



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

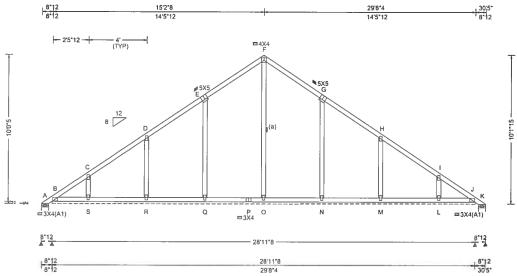
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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



				_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	I
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): 0.002 G 999 240	ı
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.004 G 999 180)
BCDL: 10.00	Risk Category:	Snow Duration: NA	HORZ(LL): 0.001 E	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 E	
NCBCLL: 0.00	Mean Height: 0.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.209	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.022	
Spacing: 24,0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.280	1
' "	Loc. from endwall: NA	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 0.00	WAVE	VIEW Ver: 18.02.01B.0321.08	1
Lumber				_

	▲ Maximum Reactions (lbs), or *=PLF									
		G	ravity		No	on-Gra	vity			
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
ı	Α	15	/-	/-	/-	/-	/-			
	B*	69	/-	/-	/-	/-	/-			
	K	15	/-	/-	/-	/-	/-			
	Wii	nd read	ctions b	ased on I	MWFRS					
	Α	Brg V	Vidth =	5.9	Min Re	Min Req = 1.5				
ĺ	В	Brg V	Vidth =	347	Min Re	q = -				
	K	Brg V	Vidth =	5.9	Min Re	q = 1.1	5			
Bearings A, B, & K are a rigid						ce.				
	Me	mbers	not liste	ed have f	orces les	s than	375#			

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

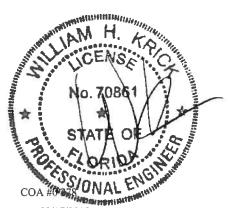
(a) Continuous lateral restraint equally spaced on member.

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.



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

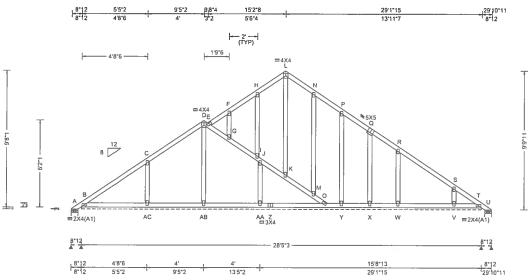
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SEQN: 652506 SPEC Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T18 FROM: CDM Qty: 2 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.32283 Truss Label: P02 GA / WHK 09/17/2019



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): 0.014 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.024 F 999 180
BCDL: 10.00	Risk Category:	Snow Duration: NA	HORZ(LL): -0.009 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.016 F
NCBCLL: 0.00	Mean Height: 0.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 2.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.235
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.058
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.151
	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 0.00	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF								
	G	ravity		No	on-Gra	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Α	-	/-73	/-	/-	/-	/-		
B*	72	/-	/-	/-	/-	/-		
U	30	/-	/-	/-	/-	/-		
Wir	nd read	ctions ba	ased on I	MWFRS				
Α	Brg V	Vidth =	5.9	Min Re	q = 2.4	4		
В	Brg V	Vidth =	341	Min Re	q = -			
U	Brg V	Vidth =	5.9	Min Re	q = 1.9	5		
Bea	rings .	A, B, &	U are a r	igid surfa	ce.			
Mer	nbers	not liste	ed have f	orces less	s than	375#		
	Loc A B* U Wir A B U Bea	A - B* 72 U 30 Wind read A Brg V B Brg V U Brg V Bearings	Gravity Loc R+ / R- A - /-73 B* 72 /- U 30 /- Wind reactions bate A Brg Width = B Brg Width = U Brg Width = Bearings A, B, &	Gravity Loc R+ / R- / Rh A - /-73 /- B* 72 /- /- U 30 /- /- Wind reactions based on I A Brg Width = 5.9 B Brg Width = 341 U Brg Width = 5.9 Bearings A, B, & U are a r	Gravity No. Loc R+ /R- /Rh /RW A - /-73 /- /- B* 72 /- /- U 30 /- /- Wind reactions assed on MWFRS A Brg Width = 5.9 Min Re B Brg Width = 341 Min Re U Brg Width = 5.9 Min Re Bearings A, B, & U are a rigid surfa	Oravity		

Lumber

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

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.



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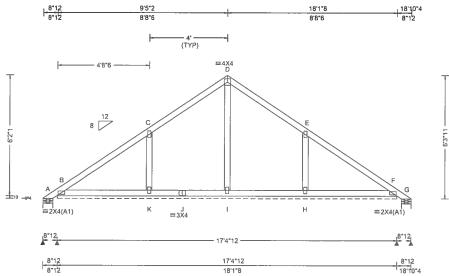


SEQN: 652510 COMN Ply: 1 FROM: CDM Qty: 21

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)	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): 0.002 K 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.004 K 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 H
NCBCLL: 10.00	Mean Height: 17.12 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.240
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.240
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.086
' -	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber	·		

	A N	laxim	ım Rea	ctions (I	bs), or *=	PLF						
ŧ		G	ravity		No	on-Grav	vity					
0	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL					
0	Α	_	/-114	/-	/124	/175	/188					
	В*	122	/-	/-	/52	/12	/-					
.	G	-	/-95	/-	/38	/70	/-					
	K		/-111									
	Н		/-103									
	Wir	nd read	ctions ba	sed on N	/WFRS							
	Α	Brg V	Vidth = 5	5.9	Min Re	q = 1.5	i					
	В	Brg V	Vidth = 2	208	Min Re	q = -						
	G	Brg V	Vidth = 5	5.9	Min Re	q = 1.5	;					
_	Bea	arings	A, B, & (G are a ri	igid surfa	ce.						
	Me	mbers	not liste	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

140-1-0-11-1

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.



09/17/2019

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IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

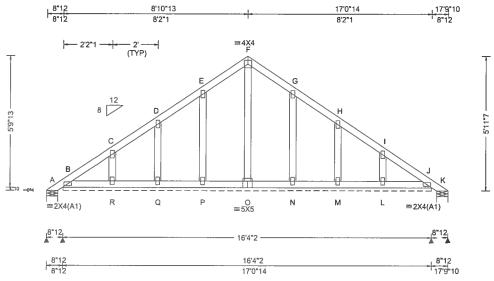
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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.

6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 652782 GABL Ply: 1 Job Number: 19-3124B FROM: CDM Qty: 2 /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
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): 0.000 L 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 E
NCBCLL: 10.00	Mean Height: 17.12 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.051
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.041
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.054
, ,	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber			

	▲ Maximum Reactions (lbs), or *=PLF								
		G		No	on-Gra	avity			
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
)	Α	10	/-	/-	/6	/-	/-		
	B*	89	/-	/-	/46	/-	/-		
	K	-	1-4	/-	/-	/2	/-		
	Wir	nd read	ctions b	ased on	MWFRS				
	Α	Brg V	Vidth =	5.9	Min Re	q = 1.	.5		
	В	Brg V	Vidth =	196	Min Re	q = -			
	K	Brg V	Vidth =	5.9	Min Re	q = 1.	5		
	Bea	arings.	A, B, &	K are a r	rigid surfa	ce.			
					forces less		375#		

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

Plating Notes

All plates are 2X4 except as noted.

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.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 652785 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T39 FROM: CDM Qty: 11 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.49333 Truss Label: P05 GA / WHK 09/17/2019 8"12 3'11"2 7'1"8 7'10"4 8"12 3'2"6 3'2"6 8"12 =4X4 C F ∥2X4 6'4"12 8"12 8"12 3'2"6 3'2"6

7'1"8

ı				
	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
i	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
ı	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 F 999 240
ı	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 F 999 180
ı	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 F
ı	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 F
	NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
I	Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.112
I	Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.150
I	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.016
I		Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
I		GCpi: 0.18	Plate Type(s):	
I		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

8"12

3'11"2

A N	laxim	um Rea	ctions (I	bs), or *=	PLF	
	G	ravity		N	on-Gra	vity
Loc	: R+	/ R-	/ Rh	/Rw	/ U	/ RL
Α	_	/-51	/-	/54	/68	/71
В*	136	/-	/-	/55	/-	/-
Ε	-	/-48	/-	/14	/28	/-
Wir	nd read	ctions ba	ased on I	MWFRS		
Α	Brg V	Vidth = :	5.9	Min Re	q = 1.5	5
В	Brg V	Vidth =	76.8	Min Re	q = -	
E	Brg V	Vidth =	5.9	Min Re	q = 1.5	5
Bea	arings.	A, B, &	E are a ri	igid surfa	ce.	
Mei	mbers	not liste	ed have fo	orces les	s 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.



09/17/2019

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6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 624214 SPEC Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T36 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.53253 Truss Label: P06 GA / WHK 09/17/2019 3'2"6 6'4"12 3'2"6 3'2"6 =4X4 C =2X4(A1) E ∥2X4 $\equiv 2X4(A1)$ 6'4"12 3'2"6 3'2"6 6'4"12 3'2"6 Loading Criteria (psf) Wind Criteria ▲ Maximum Reactions (lbs), or *=PLF Snow Criteria (Pg.Pf in PSF) **Defl/CSI Criteria** Non-Gravity TCLL: 20.00 Wind Std: ASCE 7-10 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Gravity / R-Speed: 130 mph Loc R+ / Rh /Rw /U /RL TCDL: 10.00 Pf: NA VERT(LL): 0.001 E 999 240 Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.002 E 999 180 B* 96 /-/-144 /11 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): -0.001 E Wind reactions based on MWFRS EXP: C Kzt: NA Des Ld: 40.00 HORZ(TL): 0.002 E Brg Width = 76.8 Min Req = -Mean Height: 15.00 ft Code / Misc Criteria Bearing B is a rigid surface. Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Members not listed have forces less than 375# Bldg Code: FBC 2017 RES Max TC CSI: 0.129 Soffit: 2.00 BCDL: 5.0 psf TPI Std: 2014 Max BC CSI: 0.115 Load Duration: 1.25 MWFRS Parallel Dist: > 2h Spacing: 24.0 * Rep Fac: Yes Max Web CSI: 0.010 C&C Dist a: 3.00 ft FT/RT:20(0)/10(0) Loc. from endwall: not in 9.00 ft

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.

GCpi: 0.18

Wind Duration: 1.60

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



VIEW Ver: 18.02.00A.1126.20

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Plate Type(s):

WAVE

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.



SEQN: 624203 HIPS Ply∷ 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T38 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.56670 Truss Label: P07 GA / WHK 09/17/2019 2'11"2 7'1"8 2'2"6 2'2"6 ≅3X4 E ≡3X4 C ∥2X4 D **∥2X4** 6'4"12

3'2"6

7'1"8

8"12

7'10"4

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): 0.002 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.004 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 C
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.040
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.083
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.017
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.00A.1126.20

3'2"6

3'11"2

8"12

	A N	/laxim	um Rea	ctions (I	bs), or *=	:PLF			
		G	Bravity	Non-Gravity					
	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
	Α	3	/-	/-	/44	/42	/52		
	В*	96	/-	/-	/48	/-	/-		
	G	10	/-6	/-	/15	/13	/-		
i	Wii	nd read	ctions b	ased on I	MWFRS				
	Α	Brg V	Vidth =	5.9	Min Req = 1.5				
	В	Brg V	Vidth =	76.8	Min Re	q = -			
	G	Brg V	Vidth =	5.9	Min Re	q = 1.5	5		
	Bea	arings .	A, B, &	G are a r	igid surfa	ce.			
				ed have fo			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.

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

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.



09/17/2019

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SEQN: 652687 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T55 FROM: CDM Qty: 6 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1654.58563 Truss Label: P08 GA / WHK 09/17/2019 7'8"13 4'2"2 8'4"3 3'6"11 3'6"11 =4X4 F ∥2X4

			¥7"7	*		7'	1"6 ———		<u> 7"7</u>
			, 7"	71.	3'6"11		3'6"11		, 7"7
			7"	7	4'2"2		7'8"13	,	8'4"
Loading	Criteria (psf)	Wind Criteria		Snow C	riteria (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	∐ /#
TCDL:	10.00	Speed: 130 mph		Pf: NA			VERT(LL): 0.000		

Loading Criteria (psf)	Wind Criteria
TCLL: 20.00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 130 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category:
Des Ld: 40.00	EXP: C Kzt: NA
	Mean Height: 0.00 ft
NCBCLL: 0.00	TCDL: 5.0 psf
Soffit: 2.00	BCDL: 2.0 psf
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2
Spacing: 24.0 "	C&C Dist a: 3.00 ft
	Loc. from endwall: NA
	GCpi: 0.18
	Wind Duration: 0.00

iiteiia (ry	FIRESE
Ct: NA	CAT: N
	Ce: NA
Cs: NA	
ration: NA	Ą

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

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: 0.02

Max Web CSI: 0.021	B M
VIEW Ver: 18.02.01B.0321.08	

	▲ ħ			ctions (lbs), or *=			
		(aravity		No	on-Gra	avity	
ı	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
ı	Α	_	/-79	/-	/-	/-	/-	
	B*	100	/-	/-	/-	/-	/-	
	E	-	/-79	/-	/-	/-	/-	
	Wir	nd read	ctions ba	ased on	MWFRS			
	Α		Vidth = :		Min Re	q = 1.	5	
	В	Brg V	Vidth = i	85.4	Min Re	q = -		
	Ε	Brg V	Vidth =	5.2	Min Re	q = 1.	5	
	Bea	arings	A, B, &	E are a	rigid surfa	ce.		
	Me	mbers	not liste	d have	forces less	s 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.



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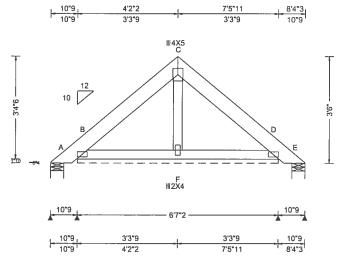
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SEQN: 652689 COMN Ply: 2 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T53 FROM: CDM Qty: /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260,19,1655.02980 Truss Label: P09 GA / WHK 09/17/2019





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/defi L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 F
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 2.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.027
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.057
Spacing: 48.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.022
' '	Loc. from endwall: not in 4,50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumbar			

AN	laximi	ım Rea	ctions (I	bs), or *=	PLF	
	G	iravity		No	on-Grav	/ity
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α	-	/-68	/-	/167	/173	/193
B*	182	/-	/-	/133	/58	/-
Ε	-	/-68	/-	/60	/56	/-
Wir	nd read	ctions b	ased on I	MWFRS		
Α	Brg V	Vidth =	5.2	Min Re	q = 1.5	
В	Brg V	Vidth =	79.1	Min Re	g = -	
Ε	Brg V	Vidth =	5.2	Min Re	q = 1.5	
Bea	arings .	A. B. &	E are a ri	igid surfac	ce.	
	_			orces less		375#

Lumber

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

Localina Calteria (C. Milad Calteria

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.

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



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

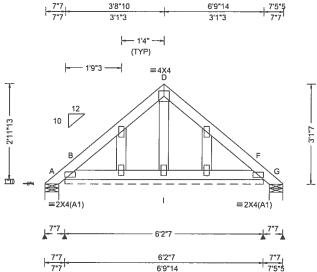
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SEQN: 652691 GABL Ply∷ 1 Job Number: 19-3124B Cust: R 215 JRef; 1WOK2150007 T69 FROM: CDM Qty: 2 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1655.05077 Truss Label: P10 GA / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criter
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct
TCDL: 10.00	Speed: 130 mph	Pf: NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs
BCDL: 10.00	Risk Category:	Snow Duration
Des Ld: 40.00	EXP: C Kzt: NA	
NCBCLL: 0.00	Mean Height: 0.00 ft	Code / Misc
Soffit: 2.00	TCDL: 5.0 psf	Bida Code: F
	BCDL: 2.0 psf	TPI Std: 201
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Ye
	Loc. from endwall: NA	FT/RT:20(0)/
	GCpi: 0.18	Plate Type(s
	Wind Duration: 0.00	WAVE

ow Criter	ria (Pg	Pf in PSF)	Defl/CSI Criteria
: NA CI	: NA	CAT: NA	PP Deflection in loc L/defl L/#
NA		Ce: NA	VERT(LL): 0.000 E 999 240
: NA C	s: NA		VERT(CL): 0.000 E 999 180
ow Durati	on: NA	١ .	HORZ(LL): 0.000 C
			HORZ(TL): 0.000 C
de / Misc	Crite	ria	Creep Factor: 2.0
dg Code: I	FBC 2	017 RES	Max TC CSI: 0.026
l Std: 201	4		Max BC CSI: 0.010
p Fac: Ye	s		Max Web CSI: 0.020
/RT:20(0)	/10(0)		
ate Type(s):		
AVE			VIEW Ver: 18.02.01B.0321.08

▲ M		u <mark>m Rea</mark> Fravity	ctions (I		PLF on-Gra	vitv	
Loc	R+	,	/ Rh		/U	/RL	
Α	10	/-	/-	/-	/-	/-	
B*	76	/-	/-	/-	/-	/-	
G	10	/-	/-	/-	/-	/-	
Win	nd read	ctions ba	ased on N	MWFRS			
Wind reactions based on MWFRS A Brg Width = 5.2 Min Reg = 1.5							
В	Brg V	Vidth =	74.4	Min Re	q = -		
G	Brg V	Vidth =	5.2	Min Re	q = 1.9	5	
Bea	ırings .	A, B, &	G are a ri	igid surfa	ce.		
			ed have fo			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



09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

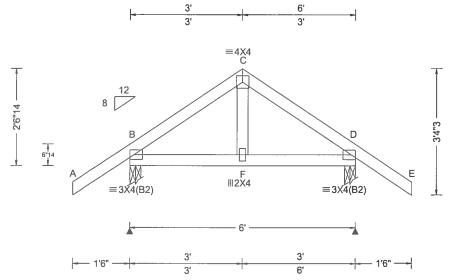
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN; 652601 COMN Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T46 FROM: CDM Qty: 5 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1655.07513 Truss Label: Q01 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): 0.003 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.006 F 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 F
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.190
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.100
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.044
	Loc. from endwall; not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

A IV	laxim	um Rea	ctions (I	bs)				
	(Sravity		Non-Gravity				
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
В	355	/-	/-	/247	/20	/108		
D	355	/-	/-	/247	/20	/-		
Wir	d rea	ctions b	ased on l	MWFRS				
B Brg Width = 3.5 Min Reg = 1.5								
Ð	Brg \	Vidth =	3.5	Min Re	q = 1.5	5		
Bearings B & D are a rigid surface.								
Members not listed have forces less than 375#								

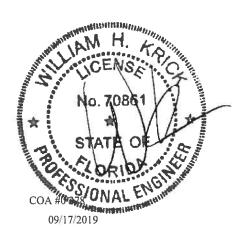
Lumber

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

Wind 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.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

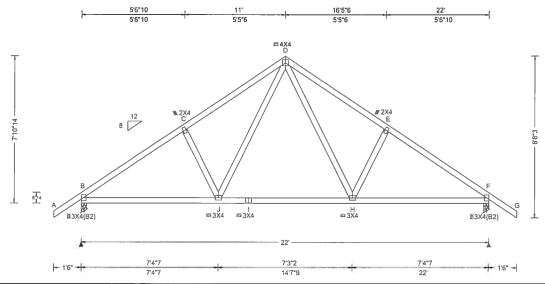
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SEQN: 652628 COMN Ply: Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T47 FROM: CDM Qty: 12 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260,19,1655.12253 Truss Label: R01 / WHK 09/17/2019



Loading Criteria (psf) Wind Criteri	a Snow	Criteria (Po	.Pf in PSF)	Defl/CSI Cr	iteria			▲ Maxi	mum Rea	ctions (lbs)		
TCLL: 20.00 Wind Std: A		, ,		PP Deflection		c L/defl	∟ /#		Gravity	•	. No	on-Grav	rity
TCDL: 10.00 Speed: 130 i	mph Pf: NA		Ce: NA	VERT(LL):	0.054 H	⊢ 999	240	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00 Enclosure: P	Lu. N/	Cs: NA		VERT(CL):	0.104 H	H 999	180	B 10	96 /-	/-	/785	/322	/256
BCDL: 10.00 Risk Categor	' I SHOW	Duration: NA	Ą	HORZ(LL):	0.029 F	H -	-	F 10	96 /-	/-	/785	/322	
Des Ld: 40.00 EXP: C Kzt:				HORZ(TL):	0.056 H	- F	-	Wind re	actions b	ased on	MWFRS		
NCBCLL: 10.00 Mean Height	Code	Misc Crite	ria	Creep Facto	or: 2.0				Width =		Min Re		
Soffit: 2.00 BCDL: 5.0 ps	I Dida C	ode: FBC 2	017 RES	Max TC CS	1: 0.49	99			Width =		Min Re	q = 1.5	
l	allel Dist: h/2 to h TPI St	1: 2014		Max BC CS	l: 0.62	23				_	d surface. forces les:	?	754
Spacing: 24.0 " C&C Dist a: 3	D	ic: Yes		Max Web C	SI: 0.32	28					orces les		
Loc. from end	fwall: not in 9.00 ft FT/RT	20(0)/10(0)							Tens.Co		Chords		
GCpi:	0.55 Plate 1	ype(s):										.=-	
Wind Duratio	n: 1.60 WAVE			VIEW Ver: 1	18.02.01	IB.0321.	.08	B-C C-D	443 - 498 -		D-E F-F	499 444	- 1247 - 1403

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 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

Maximum Bot Chord Forces Per Ply (Ibs) Chords Tens.Comp. Chords Tens. Comp. - 145 B-J 1076 - 259 I-H 741 741 - 145 1076 H-F - 268

Maximum Web Forces Per Ply (lbs) Tens.Comp. Tens. Comp. Webs Webs J-D 504 - 241 D-H 505 - 240



09/17/2019

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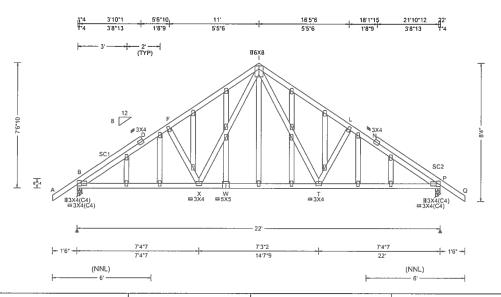
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6750 Forum Drive Suite 305 Orlando FL, 32821

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4				
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 H 999 240					
BCLL: 0.00	Enclosure: Part. Enc.	Lu: NA Cs: NA	VERT(CL): 0.126 H 999 180	П				
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.034 D	Ī				
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.064 D	١				
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	1				
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.660					
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.668	1				
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.517	1				
'	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Ľ				
	GCpi: 0.55	Plate Type(s):] -				
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08					

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.

	A Ma	aximu	ım Rea	actions	(lbs)				
L/#		G	ravity		N	Non-Gravity			
240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
180	В	1902	/-	/-	/1131	/520	/507		
-	Р	1902	/-	/-	/1131	/520	/-		
-	Wine	d reac	tions b	ased or	MWFRS				
	В	Brg V	/idth =	3.5	Min Reg = 2.2				
	Р	Brg V	/idth =	3.5	Min Req = 2.2				
	Bearings B & P are a rigid surface.								
	Men	bers	not list	ed have	forces les	s than 3	375#		
	Max	imum	Top (Chord F	orces Per	Ply (lb:	s)		
	Cho	rds T	ens.Co	omp.	Chords	Tens.	Comp.		
)8	В-0)	608 -	1550	I-L	1132	-2113		
,,,	B - E)	429	- 965	L-N	956	- 2218		
	D - F	=	958 -	2218	N-P	608	- 1550		

1133 - 2113

Maximum Bot Chord Forces Per Ply (lbs)								
Chords	Tens.C	Comp.	Chords	Tens.	Comp.			
B - X X - W		- 550 - 211	W - T T - P	1281 1921	- 211 - 569			

427

Maximum web Forces Per Ply (lbs)									
Webs	Tens.C	omp.	Webs	Tens. 0	Comp.				
F - X X - I	408	- 642 - 522		836	- 520 - 640				



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

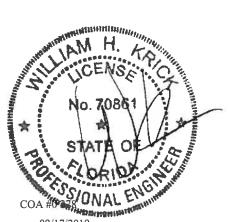
Additional Notes

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

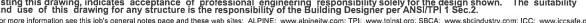


09/17/2019

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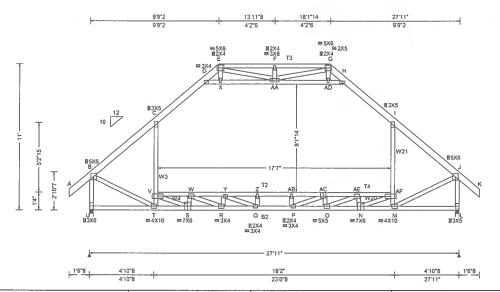
SEQN: 652673 FROM: CDM

ATIC

Ply: Qty: 2 Job Number: 19-3124B

/MIKE & ANGELA WOOD RES. /Plumb Level Construction

Cust: R 215 JRef: 1WOK2150007 T66 DrwNo: 260.19.1655.24387 / WHK 09/17/2019



	Loading Criteria (psi)	VV.
	TCLL: 20.00	W
	TCDL: 10.00	Sp
	BCLL: 0.00	Er
	BCDL: 10.00	Ri
	Des Ld: 40.00	E>
ı		Me
	NCBCLL: 0.00	TC
	Soffit: 2.00	ВС
	Load Duration: 1.25	M
	Spacing: 24.0 "	CE
ı	-F3	I . ~ ~

Loading Criteria (psf) Wind Criteria ind Std: ASCE 7-10 peed: 130 mph nclosure: Closed isk Category: II XP: C Kzt: NA ean Height: 15.00 ft CDL: 5.0 psf CDL: 5.0 psf WFRS Parallel Dist: 0 to h/2

&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 418 366 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)

ŧ		Gravity		No	on-Grav	/ity
0	Loc R	- /R-	/ Rh	/ Rw	/ U	/ RL
0	U 249	4 /-	/-	/781	/204	/290
	L 237	8 /-	<i>j_</i> -	/683	/184	/-
-	Wind re	actions b	ased on I	WFRS		
	U Brg	Width =	3.5	Min Re	q = 2.9	
	L Brg	Width =	3.5	Min Re	q = 2.8	
	Bearing	s U & L a	are a rigid	surface.		
	Membe	rs not list	ed have for	orces less	s than 3	375#
	Maximu	ım Top (Chord Fo	rces Per	Ply (lb:	s)
	Chords	Tens.C	omp.	Chords	Tens.	Comp.
-	B-C	283	2175	H - I	352	- 1650
	C - D			l - J	262	- 2171
	U-D	JUU -	1002	1 - J	202	-21/1

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.

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**

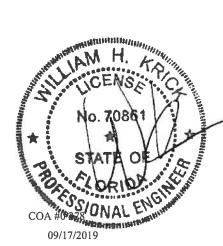
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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.



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

	70110.0	юр.	0110100	101101	оспір.	
T-S	1438	- 288	P-0	5254	- 36	
S-R	3864	- 251	0 - 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. C	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			

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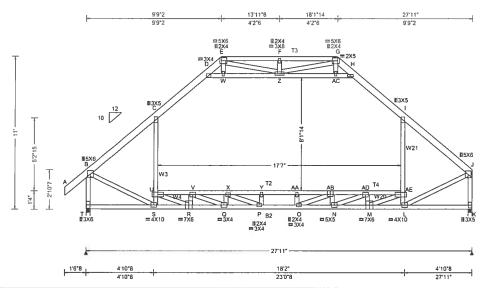
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6750 Forum Drive Suite 305 Orlando FL, 32821

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:

SEQN: 652667 ATIC Ply: Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T68 FROM: CDM Qty: 4 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1655.44753 Truss Label: S02 / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
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): 0.411 F 814 480	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.800 O 418 360	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.293 C	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.623 C	
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.714	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.759	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.674	
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		l
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

▲ Maxi	mum Re	actions (lbs)				
Gravity			No	on-Grav	/ity		
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL	_	
T 249	94 /-	/-	/781	/204	/290		
K 237	78 /-	/-	/683	/184	/-		
Wind re	eactions b	ased on	MWFRS				
T Brg	T Brg Width = 3.5			Min Req = 2.9			
K Brg Width = 3.5			Min Reg = 2.8				
Bearing	sT&Ka	are a rigio	surface.	•			
Membe	rs not list	ed have	forces less	s than 3	375#		
Maxim	um Top (Chord Fo	rces Per	Ply (lb:	s)		
Chords	Tens.C	omp.	Chords	Tens.	Ćomp.		
в-с	283 -	2175	H - I	352	- 1650		
C-D		1652		262	-2171		

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

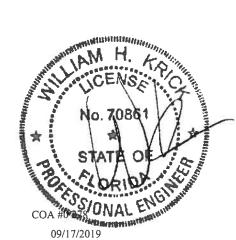
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (Comp.
S-R	1438	- 288	0 - 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)

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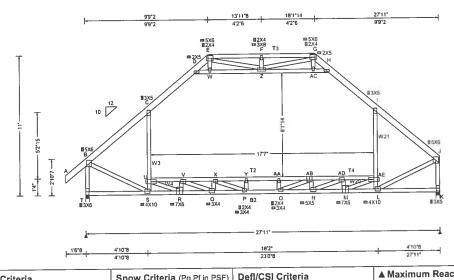
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcind

Cust: R 215 JRef: 1WOK2150007 T56 ATIC Job Number: 19-3124B Ply: 2 SEQN: 652685 DrwNo: 260 19.1655 50910 /MIKE & ANGELA WOOD RES. /Plumb Level Construction FROM: CDM Qty: 1 GA / WHK 09/17/2019 Truss Label: S03

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria
TCLL: 20.00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 130 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
	EXP: C Kzt: NA
Des Ld: 40.00	Mean Height: 15.00 ft
NCBCLL: 10.00	TCDL: 5.0 psf
Soffit: 2.00	BCDL: 5.0 psf
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2
Spacing: 48.0 "	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	1		
Pf: NA		Ce: NA	١		
Lu: NA	Cs: NA		١		
Snow Duration: NA					
Code / Misc Criteria					

Bldg Code: FBC 2017 RES

1	2011/001 01110112	
V	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)								
	Gravity			No	Non-Gravity			
	Loc R+	/ R-	/ Rh	/ Rw	/U	/ RL		
)	T 497	7 /-	/-	/1564	/410	/581		
		. , 6 /-	/-	/1366		/-		
	Wind rea	actions b	ased on	MWFRS				
				Min Red				
	K Brg	Width =	3.5	Min Red	q = 2.8			
	Bearings	sT&Ka	re a rigio	d surface.				
	Member	s not list	ed have	forces less	than 3	375#		
	Maximu	m Top (Chord Fo	orces Per	Ply (lb	s)		
	Chords	Tens.Co	omp.	Chords	Tens.	Comp.		
	B-C	284 -	2169	H-1	352	- 1642		
	C-D		1645	i - J	262	- 2166		

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.

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.

WAVE

TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):

Wind loads based on MWFRS with additional C&C

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

Maximum Bot Chord Forces Per Ply (lbs) Chords Chords Tens.Comp. 5250 -36 S-R 1433 -288O - N3883 - 79 R-Q 3860 - 251 N - M

M-L

1450

- 128

-83

Maximum Web Forces Per Ply (lbs)

Q-P 5249 - 19 P-0 5940

337 - 2458	Z -AC	329	- 2027
1628 -80	Z - G	729	- 262
86 - 495	AA-AB	0	- 4432
681 - 18	O -AB	832	- 139
2376 0	AB- N	41	- 586
247 - 2365	AB-AD	75	- 3735
64 -847	N -AD	1456	-87
1476 -84	AC- G	438	-66
69 - 3739	AC- H	343	- 2115
326 - 2134	AD- M	64	- 845
441 -64	AD-AE	253	- 2382
739 - 254	M -AE	2383	0
313 - 2045	AE-L	101	- 499
39 - 586	AE-1	680	-40
829 - 138	L-J	1629	- 121
0 -4432	J - K	268	- 2340
0 -4466			
	1628 -80 86 -495 681 -18 2376 0 247 -2365 64 -847 1476 -84 69 -3739 326 -2134 441 -64 739 -254 313 -2045 39 -586 829 -138 0 -4432	1628 -80 Z - G 86 -495 AA-AB 681 -18 O -AB 2376 O AB- N 247 -2365 AB-AD 64 -847 N -AD 1476 -84 AC- G 69 -3739 AC- H 326 -2134 AD- M 441 -64 AD-AE 739 -254 M -AE 313 -2045 AE- L 39 -586 AE- I 829 -138 L - J 0 -4432 J - K	1628 -80 Z - G 729 86 -495 AA-AB 0 681 -18 O -AB 832 2376 0 AB-N 41 247 -2365 AB-AD 75 64 -847 N -AD 1456 1476 -84 AC- G 438 69 -3739 AC- H 343 326 -2134 AD- M 64 441 -64 AD-AE 253 739 -254 M -AE 2383 313 -2045 AE- L 101 39 -586 AE- I 680 829 -138 L - J 1629 0 -4432 J - K 268



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

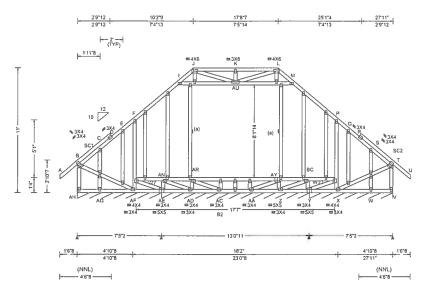
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6750 Forum Drive

Suite 305 Oriando 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)	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): 0.024 K 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.045 K 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 P
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 P
NCBCLL: 0.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.291
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.235
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.263
- Faramigi =	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF						
	G	ravity		N	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AH*2	205	/-	/-	/81	/0	/16
AE*1	88	/-	/-	/43	/-	/-
Y* 1	20	/-	/-	/52	/2	/-
Wind	reac	tions b	ased or	MWFRS		
AH I	Brg W	/idth =	89.1	Min Re	- = p	
			156			
ΥI	3rg W	/idth =	89.1	Min Re	q = -	
Bear	ings A	AH, AE	, & Y ar	e a rigid sı	ırface.	
Mem	bers	not liste	ed have	forces les	s than (375#
Maxi	mum	Top C	hord F	orces Per	Ply (lb	s)
Chor	ds T	ens.Co	mp.	Chords	Tens.	Comp.
J-K		239	-716	K-L	238	- 716

Webs

AU- L

AY-Z

BC-Y

Tens. Comp.

- 161

- 517

528

34

0 -488

Maximum Web Forces Per Ply (lbs)

Tens.Comp.

99 -422

0 -490

528 - 161

32 - 516

Webs

B-AH

AE-AN

AD-AR

J-AU

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.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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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:

Cust: R 215 JRef: 1WOK2150007 T50 SEQN: 652791 GABL Ply: 1 Job Number: 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.14807 FROM: CDM Qty: 2 GA / WHK 09/17/2019 Truss Label: S04 Page 2 of 2

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



09/17/2019

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SPEC SEQN: 652794 Ply: Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T54 FROM: CDM Qty: 8 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656,17380 Truss Label: T01 / WHK 09/17/2019 6'6"4 11'11"9 19'3"9 23'1" 6'6"4 5'5"4 2'0"7 5'3"9 3'9"7 1114X5 12 10 % 4X5(SRS) 3 12 ≡3X4 3'3"12 T3 ≡ 3X4 III2X4 ≅2X5(A1) = 5×5 = 4X4(A2 2'10"15 4*4 6'6"4 5'3"9 5'5"4 2'0"7 3'9"7 1'6" -11'11"9 14' 19'3"9 23'1'

	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defi/CSI Criteria	▲ Max
	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 9.00 ft GCpi: 0.18 Wind Duration: 1.60	, ,	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	Loc F K 69 G 65 Wind r K Br G Br Bearin Membr Maxim Chords B - C
Ì	Lumber				C-D D-E

▲ Maximum Reactions (Ibs)							
		Gravity		No	on-Grav	ity	
)	Loc R-	- / R-	/ Rh	/ Rw	/ U	/ RL	
)	K 693	/-	/-	/359	/139	/131	
	G 653	/-	/-	/405	/93	/-	
	Wind re	actions b	ased on l	MWFRS			
	K Brg	Width =	4.0	Min Re	q = 1.5		
	G Brg	Width =	3.5	Min Re	q = 1.5		
	Bearing	s K & G a	re a rigio	l surface.			
	Membe	rs not liste	ed have f	orces less	s than 3	75#	
	Maximu	ım Top C	hord Fo	rces Per	Ply (lbs	5)	
	Chords	Tens.Co	mp.	Chords	Tens.	Comp.	
-	B-C	460 -	1830	F-F	217	- 848	
	C-D	331 -		F-G	147	- 407	

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

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

		Chords		
B - J	 - 348	I - H	1184	- 185
J - I	- 349	H - F	793	- 52

Maximum Bot Chord Forces Per Ply (lbs)

288 - 1017

Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Webs Tens. Comp. C - I 168 - 571 H-E 644 - 196 D-H 240 - 699



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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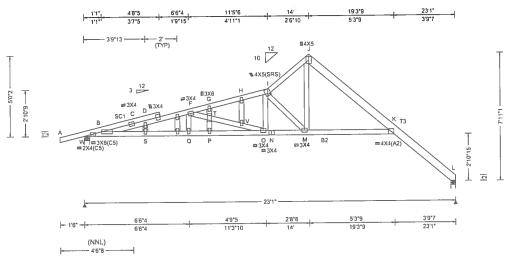
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Cust: R 215 JRef: 1WOK2150007 T58 SEQN: 652800 GABL Ply: 2 Job Number: 19-3124B /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.21040 FROM: CDM Qty: 2 GA / WHK 09/17/2019 Page 1 of 2 Truss Label: T02





		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
Loading Criteria (psf)	Wind Criteria			1
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): -0.638 M 423 240	4.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 1.013 M 266 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.117 J	ĺ
	EXP: C Kzt: NA		HORZ(TL): 0.181 J	
Des Ld: 40.00	Mean Height: 20.72 ft	Code / Misc Criteria	Creep Factor: 2.0	1
NCBCLL: 10.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	l '	
Soffit: 2.00	BCDL: 5.0 psf	•		
Load Duration: 1.25	MWFRS Parallel Dist; h/2 to h	TPI Std: 2014	Max BC CSI: 0.456	
Spacing: 16.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.320	
Opasing. Total	Loc. from endwall: not in 7.02 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		╛
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

	▲ Ma	aximu	ım Rea	ctions	(lbs)			
		G	ravity		Ne	on-Grav	ity	
ļ	Loc	R+	/ R	/ Rh	/ Rw	/U	/ RL	
)	w	1412	/-	/-	/575	/1014	/606	
	L	1282	/-	/-	/640	/1316	/-	
	Win	d read	ctions b	ased or	MWFRS			
	W	Brg V	Vidth =	4.0	Min Re	q = 1.5		
				3.5		q = 1.5		
	Bea	rings '	W&L	are a rig	gid surface.			
	Men	nbers	not list	ed have	forces les	s than 3	75#	
	Max	imun	Top (Chord F	orces Per	Ply (lbs	s)	
	Cho	rds _	Tens.C	omp.	Chords	Tens.	Comp.	
-	B - 0	2	1512 -	2224	H - 1	1075	- 1438	
	C-i			2192	i - J	801	- 1038	

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



Maximum Bot Chord Forces Per Ply (lbs)

1527 - 2203

1042 - 1450

1058 - 1448

D-F

F-G

G-H

Chords	Tens.Comp.	Chords	Tens. (Comp.	_
B-S S-Q Q-P	2146 - 1112 2140 - 1110 2117 - 1096	O - N N - M M - K	1358 1358 792	- 583 - 583 - 126	

.I - K

K-L

581

456

- 867

-401

Maximum Web Forces Per Ply (lbs)

Vebs	Tens.Comp.	Webs	Tens. C	Jomp.	_
- T	510 - 761 507 - 754	I - M M - J	•	- 800 - 474	
/-0	522 - 771				

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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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

SEQN: 652800 GABL Ply: 2 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T58 FROM: CDM Qty: 2 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.21040 Page 2 of 2 Truss Label: T02 GA / WHK 09/17/2019

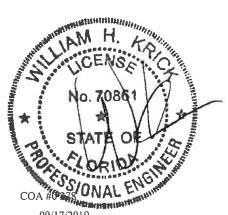
Additional Notes

Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be 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.



09/17/2019

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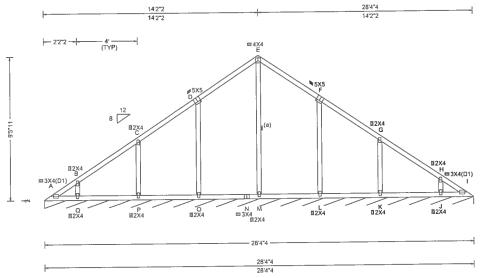
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Cust: R 215 JRef; 1WOK2150007 T42 Ply: 1 Job Number: 19-3124B SEQN: 652771 VAL /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.23580 Qty: 1 FROM: CDM GA / WHK 09/17/2019 Truss Label: V1



Loading Criteria (psf) Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: Il EXP: C Kzt: NA Mean Height: 16.99 ft TCDL: 5.0 psf BCDL: 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	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	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	
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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 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.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

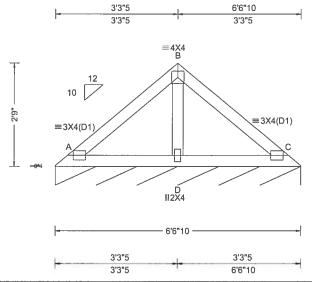
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Suite 305 Orlando FL, 32821 SEQN: 652765 VAL. Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T73 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.25160 Truss Label: V10 / WHK 09/17/2019



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): 0.003 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.006 D 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 D
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 D
NCBCLL: 10.00	Mean Height: 15.02 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.148
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.116
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.058
' "	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity Loc R+ / Rh /Rw /U / RL /R C* 84 /-/-/45 /11 Wind reactions based on MWFRS 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 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.



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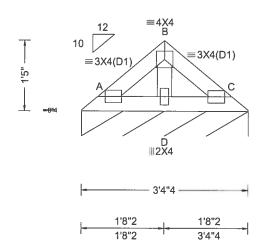
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SEQN: 652766 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T74 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.26677 Truss Label: V11 GA / WHK 09/17/2019





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	T
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): 0.000 D 999 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 D 999 180)
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 D	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 D	
NCBCLL: 10.00	Mean Height: 15.68 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.030	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.019	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.019	
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	
Lumber				_

	▲ M	axim	um Rea	ctions (II	os), or *=	PLF	
		G	avity		No	on-Gra	vity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	C*	82	/-	/-	/42	/1	/9
	C* 82 /- /- /42 /1 /9 Wind reactions based on MWFRS						
	С	Brg V	Vidth =	40.2	Min Re	q = -	
	Bea	ring A	is a rig	id surface) .		
	Mer	nbers	not liste	ed have fo	rces les	s than	375#

Lumber

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

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



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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

SEQN: 652767 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T75 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656,28080 Truss Label: V12 GA / WHK 09/17/2019 5'2"8 10'5"1 5'2"8 5'2"8 ≡4X4 B =3X4(D1) $\equiv 3X4(D1)$ Ď ∥2X4 10'5" 5'2"8 5'2"8 5'2"8 10'5"1 Snow Criteria (Pg,Pf in PSF)

Loading Criteria (psf)	Wind Criteria
TCLL: 20.00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 130 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
Des Ld: 40.00	EXP: C Kzt: NA
NCBCLL: 10.00	Mean Height: 15.00 ft
	TCDL: 5.0 psf
Soffit: 2.00	BCDL: 5.0 psf
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h
Spacing: 24.0 "	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	PP	
Pf: NA		Ce: NA	VE	
Lu: NA	Cs: NA		VE	
Snow Duration: NA				
			HC	
Code / Misc Criteria				
Code / M	isc Crite	ria	Cre	
Code / Mi Bldg Code			Cre Ma	
	e: FBC 2			

FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria		
PP Deflection in loc	L/defl	Ľ/ #
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

▲ Ma	aximı	ım Re	actions (I	bs), or *=	PLF	
	G	ravity	•	No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Wind C Bear Mem Max	d read Brg V ring A nbers imum	Vidth = is a ri not lis	pased on l 125 gid surfacted have forces P	MWFRS Min Re e. orces less	than	
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.



09/17/2019

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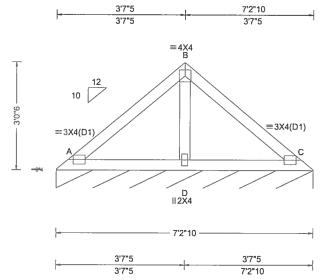
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For more information see this job's general notes page and these web sites; ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 652768 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T76 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.29533 Truss Label: V13 / 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): 0.004 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.009 D 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.003 D
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.005 D
NCBCLL: 10.00	Mean Height: 15.16 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.183
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.146
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.071
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

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	▲ M	laxim	um Rea	ctions (II	bs), or *=	PLF		
		G	ravity		No	on-Gra	vity	
	Loc	R+	_/ R-	/ Rh	/ Rw	/ U	/ RL	
	C*	84	/-	/-	/45	/10	/11	
	Wir	nd read	ctions b	ased on N	/WFRS			
	С	Brg V	Vidth =	86.6	Min Re	q = -		
	Bea	iring A	is a rig	id surface	€.			
	Mer	mbers	not liste	ed have fo	orces less	than.	375#	

Lumber

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

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.



09/17/2019

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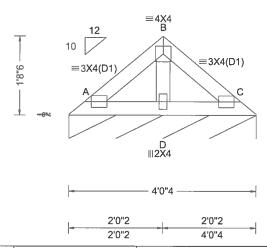
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.locsafe.org

SEQN: 652769 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T77 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.30890 Truss Label: V14 / 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): 0.001 D 999 240	.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 D 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 D	
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.82 ft		HORZ(TL): 0.001 D	
NCBCLL: 10.00	TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.045	1
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.030	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.025	
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		4
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	
Lumber				-

	▲ Max	imum Rea	actions (I	bs), or *=	PLF		
ŧ		Gravity		No	on-Gra	vity	
0	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL	
0	C* 82	/- eactions b g Width = g A is a rig	/-	/43	/-	/10	
	Wind r	eactions b	ased on I	/WFRS			
	C Br	g Width =	48.2	Min Re	q = -		
	Bearing	g A is a rig	id surface	€.			
	Membe	ers not list	ed have fo	orces less	s than	375#	

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

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.



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 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.lpinst.org; SBCA: www.sbcindustry.com; ICC: www.lccsafe.org

SEQN: 652773 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T51 FROM: CDM /MIKE & ANGELA WOOD RES. /Plumb Level Construction Qty: 1 DrwNo: 260.19.1656.32370 Truss Label: V2 / WHK 09/17/2019 24'4"4 12'2"2 (TYP) 112X

K J ≡3X4 ∏2X4 **B**2X4

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

Loading Criteria (psf)

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

Defl/CSI Criteria 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

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 /Rw /U

/RL / R-G* 83 /-/-144 /9

Wind reactions based on MWFRS Brg Width = 292 Min Req = -Bearing A is a rigid surface.

R+

Members not listed have forces less than 375#

Lumber

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

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.



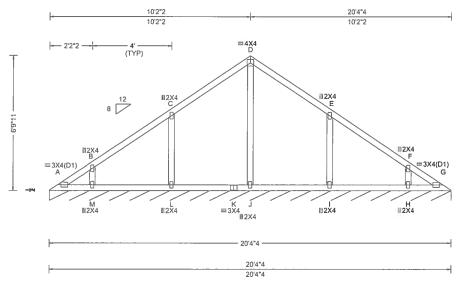
09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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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.

6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 652775 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T59 FROM: CDM Qty: 1 MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.33630 Truss Label: V3 / WHK 09/17/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 D 999 240	1
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 D 999 180	1
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 E	١
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 E	(
NCBCLL: 10.00	Mean Height: 18.32 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.218	١
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.117	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.145	
3	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity Loc R+ /Rw /U / RL / R-G* 83 /-/44 /9 Wind reactions based on MWFRS Brg Width = 244 Min Rea = -Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

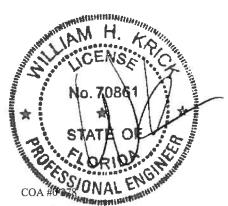
Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

Wind 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



09/17/2019

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

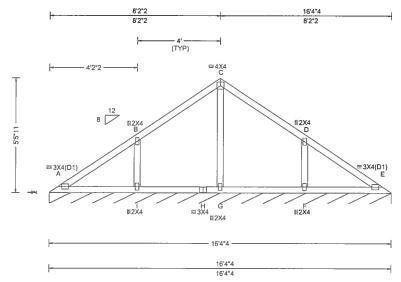
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com, TPI: www.lpinst.org; SBCA: www.sbcindustry.com, ICC: www.locsafe.org

SEQN: 652777 VAL Ply: Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T60 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.35087 Truss Label: V4 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): 0.005 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.011 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 F
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 18.99 ft		HORZ(TL): 0.004 F
NCBCLL: 10.00	TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.316
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.159
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.135
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity R+ /R-/Rw /U E* 83 /-/-/44 Wind reactions based on MWFRS Brg Width = 196 Min Reg = -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 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.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

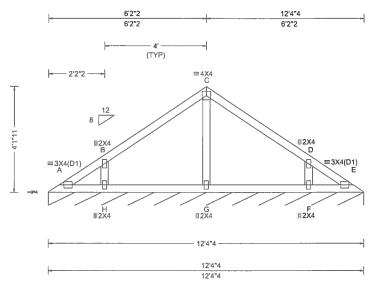
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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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

SEQN: 652760 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T61 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.36747 Truss Label: V5 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): 0.001 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 10.00	Mean Height: 19.66 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.209
Load Duration: 1.25	MWFRS Paralle! Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.118
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.056
' "	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity /RL / R-/Rw /U Loc E* 83 /43 Wind reactions based on MWFRS Brg Width = 148 Min Rea = -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 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.

RAMMARIAM MARIAMAN PASSAL BERLINES 09/17/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

SEQN: 652761 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T67 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.38077 Truss Label: V6 GA / WHK 09/17/2019 4'2"2 8'4"4 4'2"2 4'2"2 ≡4X4 B ≡3X4(D1) C Ď ∥2X4 4'2"2 4'2"2 4'2"2 8'4"4 Wind Critori

	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	П
	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	П
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	Ĺ
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	1
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	
	Des Ld: 40.00	EXP: C Kzt: NA		
	NCBCLL: 10.00	Mean Height: 20.32 ft	Code / Misc Criteria	
ĺ	Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	
	Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h	TPI Std: 2014	l
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	li
	Opaoing. 24.0	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
		GCpi: 0.18	Plate Type(s):	
		Wind Duration: 1.60	WAVE	7

:)	Defl/CSI Criteria		
Α	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	-	-
ĺ	Creep Factor: 2.0		
3	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						
	Gravity		IN.	on-Gra	avily	
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL	
C* 82	/-	/-	/42	/3	/8	
Wind r	eactions	based on	MWFRS			
C Br	g Width	= 100	Min Re	q = -		
Bearing	g A is a r	igid surfa	ce.			
Membe	ers not lis	sted have	forces les	s than	375#	
Maxim	um Web	Forces	Per Ply (It	s)		
Webs	Tens.0	Comp.		•		
B-D	187	- 409	-			

Lumber

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

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.



09/17/2019

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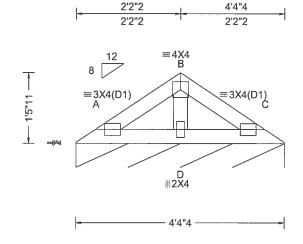
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.lccsafe.org

SEQN: 652762 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef; 1WOK2150007 T70 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.39213 Truss Label: V7 / WHK 09/17/2019



Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	s), or *=PLF
Wind Std: ASCE 7-10	Pa: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gra
Speed: 130 mph		VERT(LL): 0.001 D 999 240	Loc R+ /R- /Rh	/ Rw / U
Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 D 999 180	C* 80 /- /-	/39 /3
Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 D	Wind reactions based on M	IWFRS
EXP: C Kzt: NA		HORZ(TL): 0.001 D	C Brg Width = 52.3	Min Req = -
Mean Height: 20.99 ft	Code / Misc Criteria	Creep Factor: 2.0	Bearing A is a rigid surface.	
TCDL: 5.0 psf BCDL: 5.0 psf	Bidg Code: FBC 2017 RES	•	Members not listed have for	rces less than
: -:- F -:	TDI DIJ. 0044	Mario DO OOL O OOO	I	

TPI Std: 2014

Rep Fac: Yes

Plate Type(s):

WAVE

FT/RT:20(0)/10(0)

2'2"2

2'2"2

2'2"2

4'4"4

Max BC CSI: 0.036

Max Web CSI: 0.027

VIEW Ver: 18.02.01B.0321.08

Gravity Non-Gravity oc R+ /RL / R-/Rw /U 80 /-/-/39 /3 17 Vind reactions based on MWFRS Brg Width = 52.3 Min Rea = -Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

TCLL:

TCDL:

BCLL:

BCDL:

Soffit:

Des Ld: 40.00

NCBCLL: 10.00

Spacing: 24.0 "

Load Duration: 1.25

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

Loading Criteria (psf)

20.00

10.00

0.00

10.00

2.00

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

MWFRS Parallel Dist: h to 2h

Loc. from endwall: not in 9.00 ft

GCpi: 0.18 Wind Duration: 1.60

C&C Dist a: 3.00 ft

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.



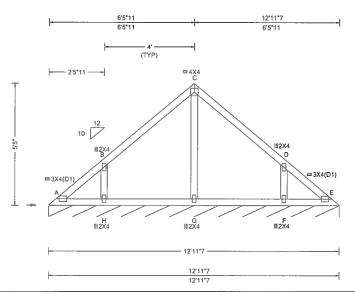
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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!
NT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS **IMPORTANT**

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 652763 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef; 1WOK2150007 T71 FROM: CDM Qty: 1 /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.40550 Truss Label: V8 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): 0.001 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.220
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.150
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.087
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ / R-/Rh /Rw /U / RL E* 85 /-/-147 /12 Wind reactions based on MWFRS 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 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.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

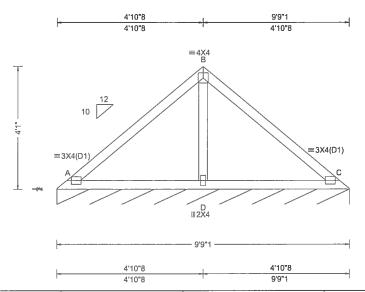
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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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.



Suite 305 Orlando FL, 32821 SEQN: 652764 VAL Ply: 1 Job Number: 19-3124B Cust: R 215 JRef: 1WOK2150007 T72 FROM: CDM /MIKE & ANGELA WOOD RES. /Plumb Level Construction DrwNo: 260.19.1656.43820 Qty: 1 GA / WHK 09/17/2019 Truss Label: V9



Loading Criteria (psf) Wind Cri		now Crite	ria (Pg,F	Pf in PSF)	Defl/CSI C	riteria			▲ Ma			tions (lb			
TCLL: 20.00 Wind Std	: ASCE 7-10 Pg:	g: NA C	t: NA	CAT: NA	PP Deflecti	on in lo	c L/defl	∐ #	١.		vity			n-Grav	
TCDL: 10.00 Speed: 1	30 mph Pf:	: NA		Ce: NA	VERT(LL):	0.010	999	240	Loc	R+ /	R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00 Enclosure	e: Closed Lu:	ı: NA C	s: NA		VERT(CL):	0.021	999	180	C* 8	4 /	<u>'</u> _	/-	/46	/-	/11
BCDL: 10.00 Risk Cate	9 1 3110	now Durat	tion: NA		HORZ(LL):	-0.006) -	-	Wind	reaction	ons bas	sed on M	WFRS	•	
Des Ld: 40.00					HORZ(TL):	0.013) -	-			dth = 1		Min Re	q = -	
NCBCLL: 10.00 Mean He	ght: 15.00 ft	ode / Mise	c Criter	ia	Creep Fact	or: 2.0			l .	•	_	I surface.			
Soffit: 2.00 BCDL: 5.		dg Code:	FBC 20	17 RES	Max TC CS	1: 0.35	0					have for			175#
1	Parallel Dist: h to 2h	PI Std: 20	14		Max BC CS	ii: 0.28	8		Webs			orces Pe	r Ply (lb	s)	
Spacing: 24.0 " C&C Dist	D	ep Fac: Ye	es		Max Web C	SI: 0.15	9		vveus	161	ns.Con	ıρ.			
	endwall: not in 9.00 ft FT/	Γ/RT:20(0)/10(0)						B-D	2	224 - 5	524			
G	Cpi: 0.18 Plai	ate Type(s):												
Wind Dur	ation: 1.60 WA	AVE			VIEW Ver:	18.02.01	B.0321	.08							

Lumber

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

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.



09/17/2019

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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.

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.

forecement	1–2×4	1–2×6	1–2×8
Scab ReInf.	2–2×4	2–2×40#0	2–2×6() ()
Alternative Reinforecement	2x4	2x4	2x6
T- or L- Reinf. Scab Reinf.	2x6	2x6	2x6
Specified CLR	1 row	1 row	1 row
Restraint	2 rows	2 rows	2 rows
Web Member	2x3 or 2x4	2x6	2x8
Size	2x3 or 2x4	2x6	2x8

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.

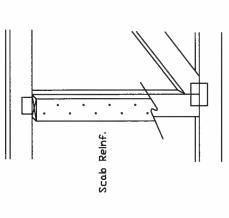
Center scab on wide face of web. Apply (1) scab to each

L-ReInf. I-Reinf. 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. L-Reinforcement **T-Reinforcement**

Scab Reinforcement

L-Reinf.

Apply scabis) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128×3.0°,min) nalls at 6° o.c. Reinforcing member is a minimum 80% of web member length.



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MANAGEMENT HILLIAM

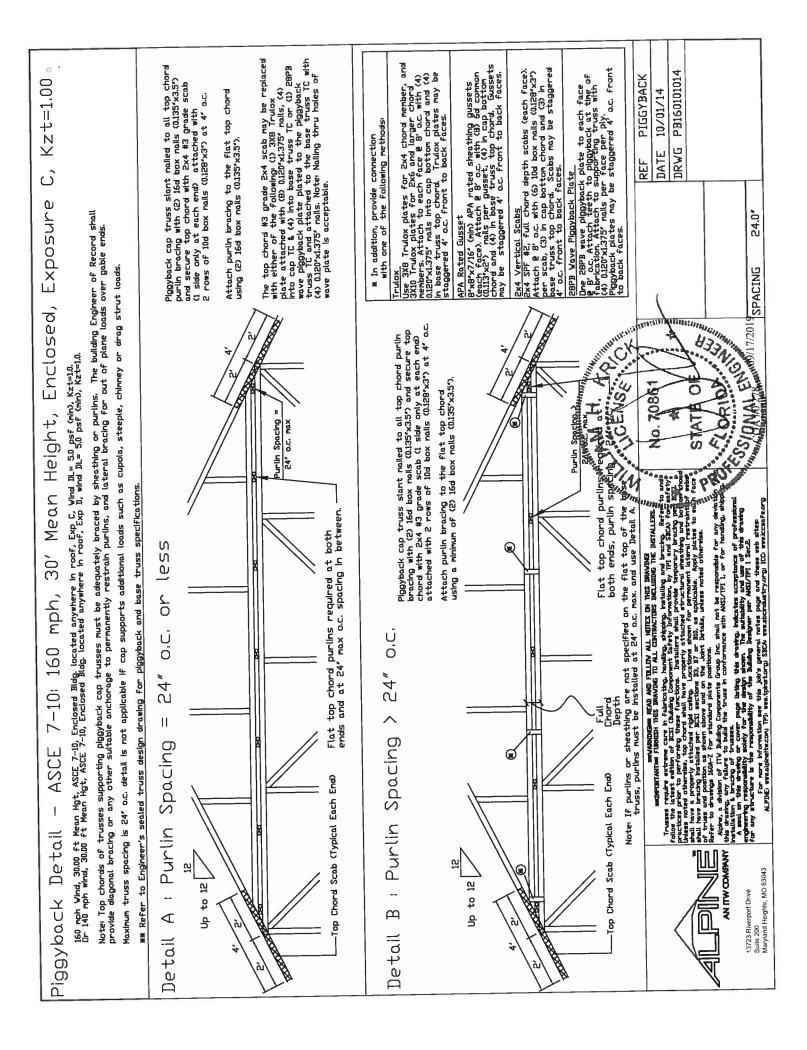
MA

Suite 200 Maryland Heights, MO 63043 13723 Riverport Drive

DATE DRVG REF PSF PSF PSF STATE OF THE BC DL.
TOT. LD.
TOT. LD.
DUR. FAC.
100. SPACING DUR, FAC.

BRCL BSUB0119

CLR Subst. 01/02/19



Mean Height, Enclosed, Exp. C, Kzt=1.00 7-10: 160 mph, ASCE Valley Detail

hord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better. hord 2x4 SP #2N or SPF #1/#2 or better. Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better. Chord Chord Top

** Attach each valley to every supporting truss with:
(2) 16d box (0.135" x 3.5") nalls toe-nalled for
ASCE 7-10 160 mph. 30" Mean Height, Enclosed
Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00

ASCE 7-10 140 mph. 30' Mean Height, Enclosed Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00 ASCE 7-10 140 mph.

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.

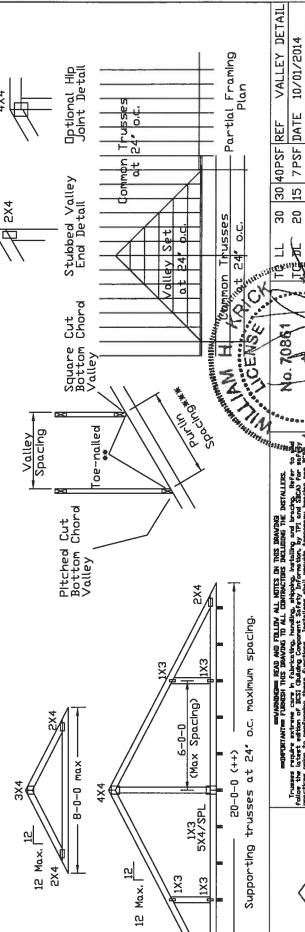
All plates shown are ITW BCG Wave Plates.

(0.128" x 3.0") nalls at 6" o.c. In lleu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal 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 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, Purlins at 24" o.c. or as otherwise specified on engineer's sealed design

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'





Trusses require extreme care in fabricating, handing, shipping, installing and bracing. Refer to in this the instant states define the instance of SESI Galding, Concourant Safety Information, by TPI and SESI/9 for safety actions prior to performing these functions. Installers shall provide tenporary bracing pur ECSI all share to performing these functions. Installers shall provide tenporary bracing and better all less to perform the performance of the safety o

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DUR.FAC.1.25/1.33 1.15 1.15

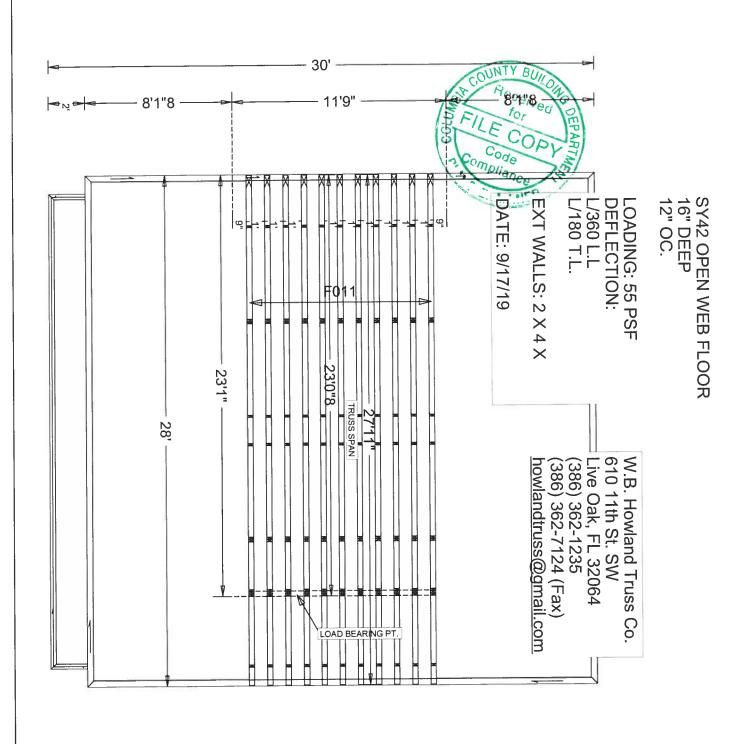
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hestalisation is bracing of strusses.

A send on this desired on cover page listing this drawing, indicates acceptance of professional regimenting responsibility one cover the design stront. The substality and use of this drawing for any structure is the responsibility of the Mulding Designer per ANSI/IPI 1 Sec.2. For nore information see this job's general notes page and these web sites: El everalpinetta.com, TPI seemblastorial SBCA everabcinetastry.org; ICD everalcante.

AND CONTRACTOR OF THE STATE OF



JOB NO: 19-3124F PAGE NO: 1 OF 1

Job Name: MIKE & ANGELA WOOD RES. Customer: Plumb Level Construction Designer: Fill in later

Designer: Fill in later ADDRESS: SALESMAN: BW : <Not Found> JOB #: 19-3124F

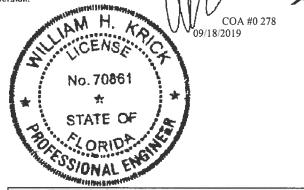


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Alpine, an ITW Company 6750 Forum Drive, Suite 305 Orlando, FL 32821 Phone: (800)755-6001 www.alpineitw.com



Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 19-3124F
Job Description: /MIKE & ANGELA WOOD RES. /Plumb Le	vel 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	Roof Load (psf): None				
Building Type:		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	Item	Seal #	Truss
1 260.19.135	.23403 1011	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

Cust: R 215 JRef: 1WOL2150001 T63 Job Number: 19-3124F SEQN: 652821 SY42 Ply: 1 DrwNo: 260.19.1351.29463 /MIKE & ANGELA WOOD RES. /Plumb Level Construction FROM: CDM Qty: 11 / WHK 09/17/2019 Truss Label: F011 22'10"4 14'8" 19'11" 27'11" 13'3' 5'3' 1'5' 5'3' 5'0"12 |-^{9"}-| 5' -8"1"8 11'8" =5X10 =2X4 ≡W=3X4 X5 lll2X5 H I J ||4X4 ≡ 5X8 ≅2X4 ≡4X5 =4X5 =3<u>X</u>5 =3X8 III4X5 =5X5 =3X4 O ||3X5≡3X8 M 112X5 113X4 c R 3*8 1'4" V = 5X8 AG ≡3X8 =5X12 =3×6 . W=H0310 - 27'11" — 10°1"8 -7'8" Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Non-Gravity Gravity Wind Std: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# TCLL: 40.00 Pg: NA ÍRL Loc R+ /R-/Rh /Rw /U 10.00 Speed: NA mph Pf: NA Ce: NA VERT(LL): 0.583 AC 567 360 TCDL: Enclosure: NA Lie NA Cs: NA VERT(CL): 0.925 AC 357 240 AJ 911 /-/-/-/-1. 0.00 BCLL: Category: NA 1465 /-1-1-/-HORZ(LL): 0.076 U BCDL: 5.00 Snow Duration: NA U. /-AJ Brg Width = 3.5 EXP: NA Kzt: NA Min Req = 1.5 HORZ(TL): 0.120 U Des Ld: 55.00 Mean Height: NA ft Brg Width = 3.5 Min Reg = 1.5Code / Misc Criteria Creep Factor: 2.0 **NCBCLL: 10.00** Bearings AJ & U are a rigid surface. TCDL: NA psf Max TC CSI: 0.452 Bldg Code: FBC 2017 RES Soffit: 2.00 BCDL: NA psf Members not listed have forces less than 375# TPI Std: 2014 Max BC CSI: 0.730 Load Duration: 1.00 MWFRS Parallel Dist: NA Maximum Top Chord Forces Per Ply (lbs) Max Web CSI: 0.932 Rep Fac: No Spacing: 12.0 " C&C Dist a: NA ft Chords Tens.Comp. Chords Tens. Comp. Loc. from endwall: NA FT/RT:12(0)/10(0) 0 - 1808 0 -6683 B-C J-K Plate Type(s): I: NA GCpi: NA 0 - 1808 C - D K-L 0 -6692 VIEW Ver. 18.02.01B.0321.08 WAVE, HS Wind Duration: NA 0 - 3252 L - M 0 - 6497 D-E Lumber 0 - 5930 E-F 0 - 4468 M - N Top chord 4x2 SP 2400f-2.0E Bot chord 4x2 SP 2400f-2.0E 0 - 4467 N - O 0 - 5932 F-G 0 - P - 5287 G-H 0 - 55930 Webs 4x2 SP #3 - 5287 0 -6668 P-Q 0 H - IQ-R 0 - 2521 1 - J0 - 6668Special Loads --(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00) Maximum Bot Chord Forces Per Ply (lbs) TC: From 50 pif at 0.13 to 50 plf at 27.79 0.00 to 5 plf at 27.92 Chords Tens.Comp. Chords Tens. Comp. BC: From 5 plf at TC: 853 lb Conc. Load at 22.92 6716 AJ-AI AB-AA AA-Y 6413 0 Al-AH 2606 0 **Plating Notes** AH-AG 3886 0 Y - X 5647 0 All plates are 1X4 except as noted. AG-AE 5218 X-W 3893 0 0 W-V 1081 0 AE-AD 6143 **Additional Notes** V - U AD-AC 6683 1081 Refer to General Notes for additional information O AC-AB 6716 + 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging Maximum Web Forces Per Ply (Ibs) recommendations. Tens.Comp. Webs Tens. Comp. Webs Truss must be installed as shown with top chord up. 897 0 - 1286 H-AD 0 A.I. B The overall height of this truss excluding overhang is - 637 B-AI 1172 0 M - Y 0 08 1-4-0. ۵. 0 - 1084- 471 Al- D O - X Ð 898 P - X -862 D-AH 0 0



-882 X - O 1820 0 AH- F n - 1908 Q - W 0 E-AG 775 0 0 -986 1957 0 AG-G W - R - 1844 R-U 0 G-AE 521 0 0 - 743 AE-H

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