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COA #0 278
07/22/2019

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

ALPINE AN ITW COMPANY

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

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	*Job Number:* 19-3333
Job Description: /WESLEY & LISA HUNTER RES. /Plumb Level Construction	
Address: FL	

Job Engineering Criteria:	
Design Code: FBC 2017 RES	*IntelliVIEW Version:* 18.02.01 *JRef #:* 1WMX2150005
Wind Standard: ASCE 7-10 *Wind Speed (mph):* 130	*Roof Load (psf):* 20.00-10.00- 0.00-10.00 *Floor Load (psf):* None

This package contains general notes pages, 66 truss drawing(s) and 4 detail(s).

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

Item	Seal #	Truss
1	200.19.1536.43307	A01
3	200.19.1534.28602	B02
5	200.19.1537.56430	B04
7	200.19.1534.28634	B06
9	200.19.1534.28711	C02
11	200.19.1534.28622	C04
13	200.19.1534.27854	C06
15	200.19.1534.28120	C08
17	200.19.1534.28758	D02
19	200.19.1534.28369	D04
21	200.19.1534.28057	D06
23	200.19.1534.28759	G02
25	200.19.1534.28962	G04
27	200.19.1534.28822	J01
29	200.19.1534.27901	J02
31	200.19.1534.28775	J03
33	200.19.1534.29024	J05
35	200.19.1534.28229	J07
37	200.19.1534.28182	J09
39	200.19.1534.28259	J11
41	200.19.1534.27916	K01
43	200.19.1534.28322	L02
45	200.19.1534.27931	M02
47	200.19.1534.28183	N02
49	200.19.1534.28230	N04
51	200.19.1538.13903	P02

Item	Seal #	Truss
2	200.19.1537.19660	B01
4	200.19.1537.39150	B03
6	200.19.1534.28432	B05
8	200.19.1534.29086	C01
10	200.19.1534.28900	C03
12	200.19.1534.27871	C05
14	200.19.1534.28853	C07
16	200.19.1534.29149	D01
18	200.19.1534.29039	D03
20	200.19.1534.28914	D05
22	200.19.1534.29055	G01
24	200.19.1534.29273	G03
26	200.19.1534.28056	H01
28	200.19.1534.28306	J1A
30	200.19.1534.27964	J2A
32	200.19.1534.28621	J04
34	200.19.1534.28620	J06
36	200.19.1534.28072	J08
38	200.19.1534.28275	J10
40	200.19.1534.28790	J12
42	200.19.1534.28150	L01
44	200.19.1538.05277	M01
46	200.19.1534.29008	N01
48	200.19.1534.28665	N03
50	200.19.1534.28025	P01
52	200.19.1534.29165	Q01

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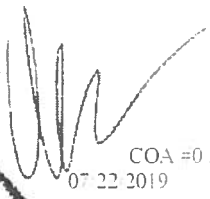

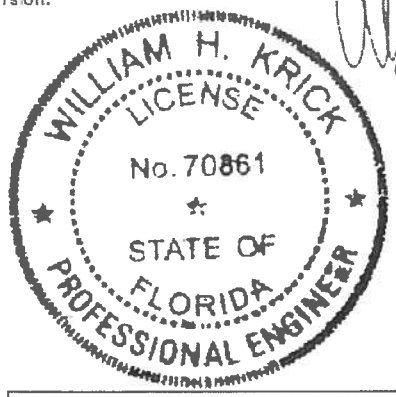

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Job Description: /WESLEY & LISA HUNTER RES. /Plumb Level Construction	
Address: FL	

Item	Seal #	Truss
53	200.19.1534.29195	Q02
55	200.19.1534.29213	Q04
57	200.19.1534.29087	R02
59	200.19.1534.28151	S01
61	200.19.1534.27870	S03
63	200.19.1534.28618	S05
65	200.19.1534.28384	S07

Item	Seal #	Truss
54	200.19.1534.27994	Q03
56	200.19.1534.29212	R01
58	200.19.1534.29226	R03
60	200.19.1534.28930	S02
62	200.19.1534.28854	S04
64	200.19.1534.28213	S06
66	200.19.1534.28353	S08

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)

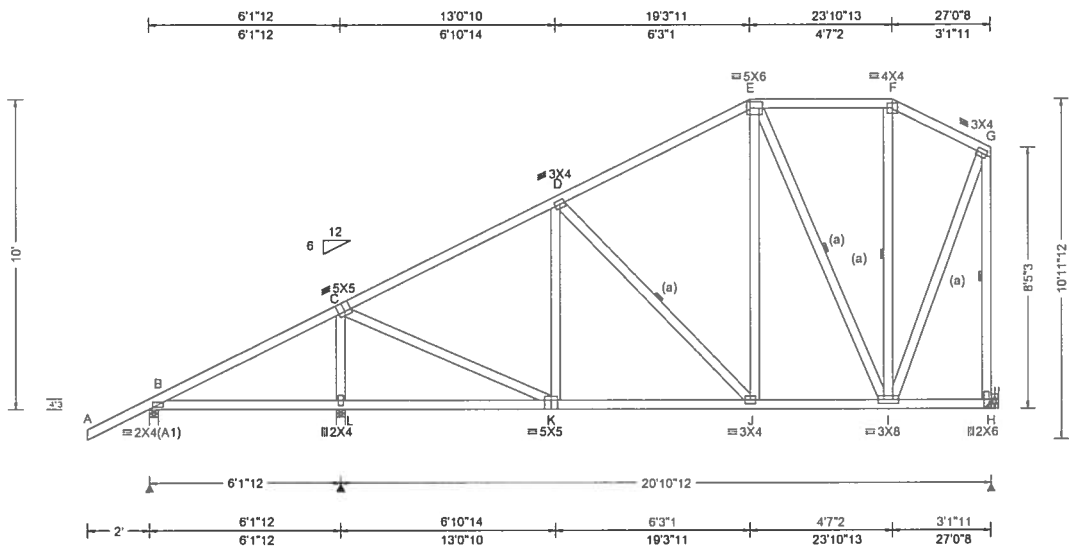
Key to Terms:
Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written 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: 558236 SPEC FROM: CDM	Ply: 1 Qty: 4	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** A01	Cust: R 215 JRef: 1WMX2150005 T16 DrwNo: 200.19.1536.43307 YK / WHK 07/19/2019	



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	J	999	240
VERT(CL): 0.039	J	999	180
HORZ(LL): 0.006	D	-	-
HORZ(TL): 0.012	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.446
Max BC CSI: 0.292
Max Web CSI: 0.308

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	346	/-	/-	/213	/12	/260
L	1128	/-	/-	/745	/234	/-
H	819	/-	/-	/445	/175	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	139	-752	D - E	183	-566

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	595	-211	J - I	425	-142

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - C	314	-982	I - G	644	-209
C - K	647	-173	G - H	289	-792
E - I	154	-444			

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

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

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical not exposed to wind pressure.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 10-0-0.

COA #6278
07/22/2019

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

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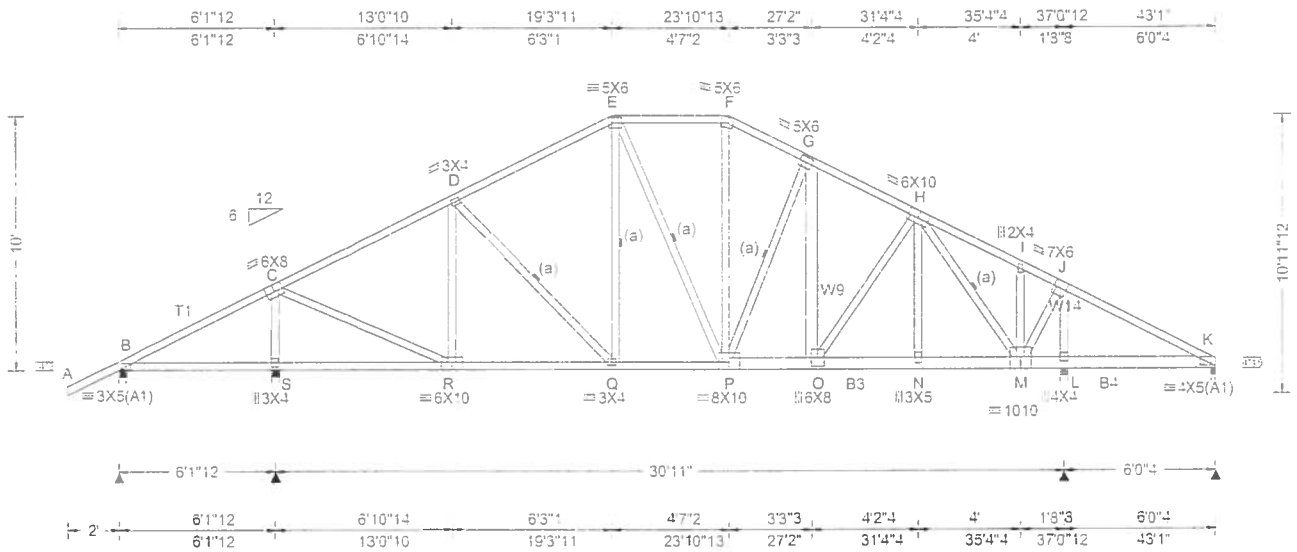
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing,any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses**A seal on this drawing or cover page listing this drawing,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

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

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

SEQN: 558240 SPEC	Ply: 1	Job Number: 19-3333	Cust: R215 JRef: 1WMX2150005 T39
FROM: CDM	Qty: 1	/WESLEY & LISA HUNTER RES /Plumb Level Construction	DrwNo: 200 19 1537.19660
		Truss Label: B01	YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 4.31 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.091	O	999	240
VERT(CL): 0.181	O	999	180
HORZ(LL): 0.020	M	-	-
HORZ(TL): 0.039	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.560
Max BC CSI: 0.382
Max Web CSI: 0.800

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	363	/-	/-	/154	/77	/324
S	2349	/-	/-	/1004	/467	/-
L	4465	/-	/-	/967	/967	/-
K	170	/-11	/-	/81	/31	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
S Brg Width = 3.5 Min Req = 1.6
L Brg Width = 3.5 Min Req = 3.3
K Brg Width = 2.0 Min Req = 1.5
Bearings B, S, L, & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	415	-1696	G - H	683	-3153
D - E	469	-2142	H - I	208	-996
E - F	463	-2174	I - J	211	-1006
F - G	534	-2468	J - K	610	-131

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1637	-345	N - M	2413	-510
Q - P	1835	-385	M - L	112	-416
P - O	2739	-589	L - K	121	-502
O - N	2421	-511			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - C	530	-2192	G - O	1575	-319
C - R	1997	-406	O - H	657	-155
R - D	243	-730	N - H	664	-101
E - P	792	-180	H - M	597	-2769
F - P	857	-136	M - J	2740	-554
P - G	339	-1515	J - L	697	-3294

Lumber

Top chord 2x4 SP #2 :T1 2x4 SP 2400f-2.0E:
Bot chord 2x4 SP 2400f-2.0E :B3, B4 2x6 SP 2400f-2.0E:
Webs 2x4 SP #3 :W9 2x6 SP 2400f-2.0E
:W14 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

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

TC: From	60 plf at	-2.00 to	60 plf at	27.17
TC: From	30 plf at	27.17 to	30 plf at	43.08
BC: From	4 plf at	-2.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	27.17
BC: From	10 plf at	27.17 to	10 plf at	43.08

BC: 1943 lb Conc. Load at 27.17
BC: 320 lb Conc. Load at 29.35,31.35,33.35,35.35
BC: 315 lb Conc. Load at 37.27,39.27,41.27

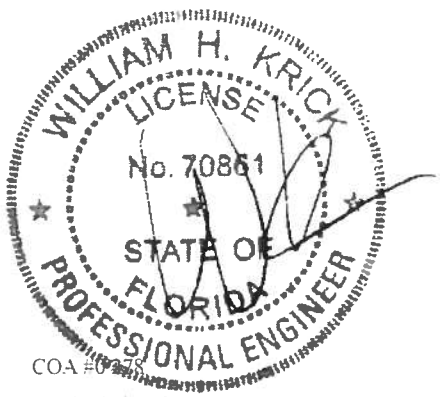
Wind

Wind loads based on MWFRS.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 10-0-0.



COA #0778

07/22/2019

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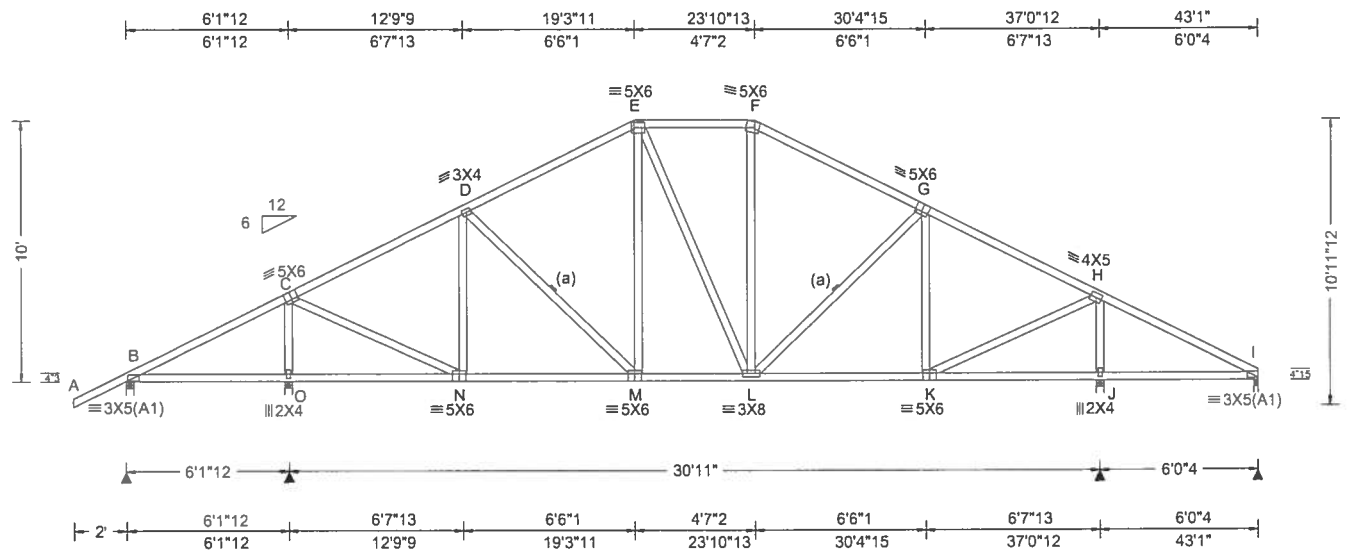
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com TPI: www.tpinst.org SBCA: www.sbcindustry.com ICC: www.iccsafe.org

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

SEQN: 557704 / SPEC FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** B02	Cust: R215 JRef: 1WMX2150005 T51 DrwNo: 200.19.1534.28602 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.31 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.055	M	999	240
VERT(CL): 0.099	M	999	180
HORZ(LL): 0.017	K	-	-
HORZ(TL): 0.030	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.627
Max BC CSI: 0.610
Max Web CSI: 0.535

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	358	/-	/-	/147	/53	/324
O	1821	/-	/-	/1014	/54	/-
J	1775	/-	/-	/904	/22	/-
I	245	/-	/-	/134	/27	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
O Brg Width = 3.5 Min Req = 1.8
J Brg Width = 3.5 Min Req = 1.7
I Brg Width = 2.0 Min Req = 1.5
Bearings B, O, J, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	302	-1354	F - G	381	-1343
D - E	366	-1340	G - H	338	-1385
E - F	374	-1122			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1145	-117	L - K	1169	-118
M - L	1115	-65			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - C	361	-1663	K - H	1315	-158
C - N	1405	-223	H - J	323	-1604
N - D	126	-389			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

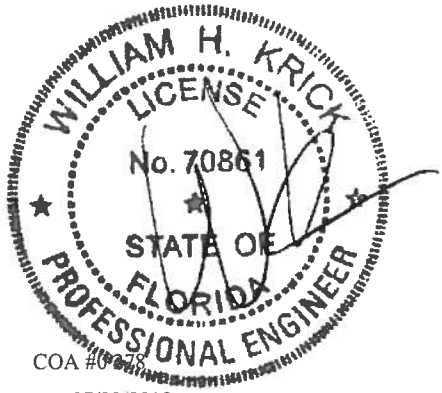
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 10-0-0.



COA #[illegible]

07/22/2019

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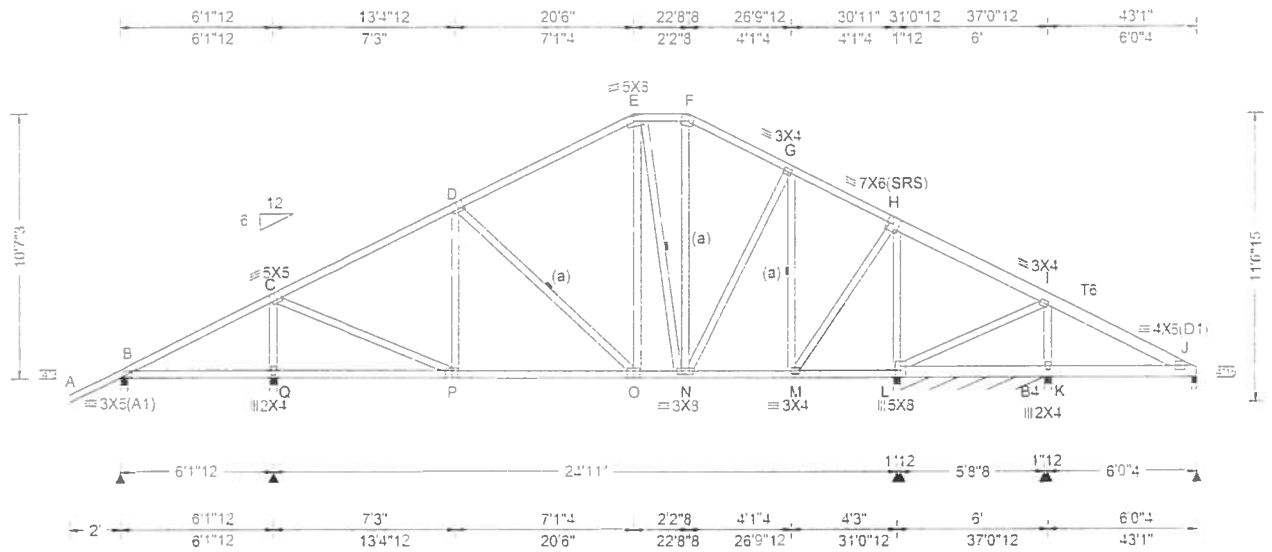
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 558596 HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** B03		Cust: R215 JRef: 1WMX2150005 T50 DrwNo: 200.19.1537.39150 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.31 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.037	K	999	240
VERT(CL): 0.075	K	950	180
HORZ(LL): -0.009	K	-	-
HORZ(TL): 0.023	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.650
Max BC CSI: 0.628
Max Web CSI: 0.762

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	375	/-	/-	/-	/97	/-
Q	1295	/-	/-	/-	/243	/-
L	2310	/-	/-	/-	/459	/-
L*	254	/-	/-	/22	/28	/-
K	3023	/-	/-	/-	/672	/-
J	896	/-	/-	/-	/227	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
Q Brg Width = 3.5 Min Req = 1.5
L Brg Width = 3.5 Min Req = 2.7
L Brg Width = 68.5 Min Req = -
K Brg Width = 3.5 Min Req = 2.1
J Brg Width = 2.0 Min Req = 1.5
Bearings B, Q, L, L, K, & J are a rigid surface.

Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	202	-931	F - G	140	-642
D - E	170	-751	G - H	114	-508
E - F	102	-521			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens.	Comp
P - O	754	-150	N - M	418	-85
O - N	580	-113			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens.	Comp.
Q - C	309	-1148	M - H	734	-131
C - P	873	-159	H - L	264	-1090
G - M	159	-532	I - K	199	-573

Lumber

Top chord 2x4 SP #2 :T6 2x6 SP 2400f-2.0E:
Bot chord 2x4 SP #2 :B4 2x6 SP M-31:
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 60 plf at -2.00 to 60 plf at 42.95
BC: From 4 plf at -2.00 to 4 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 39.15
BC: From 10 plf at 39.15 to 10 plf at 43.08
BC: 890 lb Conc. Load at 31.15,33.15,35.15,37.15 39.15,41.15

Plating Notes

All plates are 5X6 except as noted.

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 10-7-3.

COA #0778

07/22/2019

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

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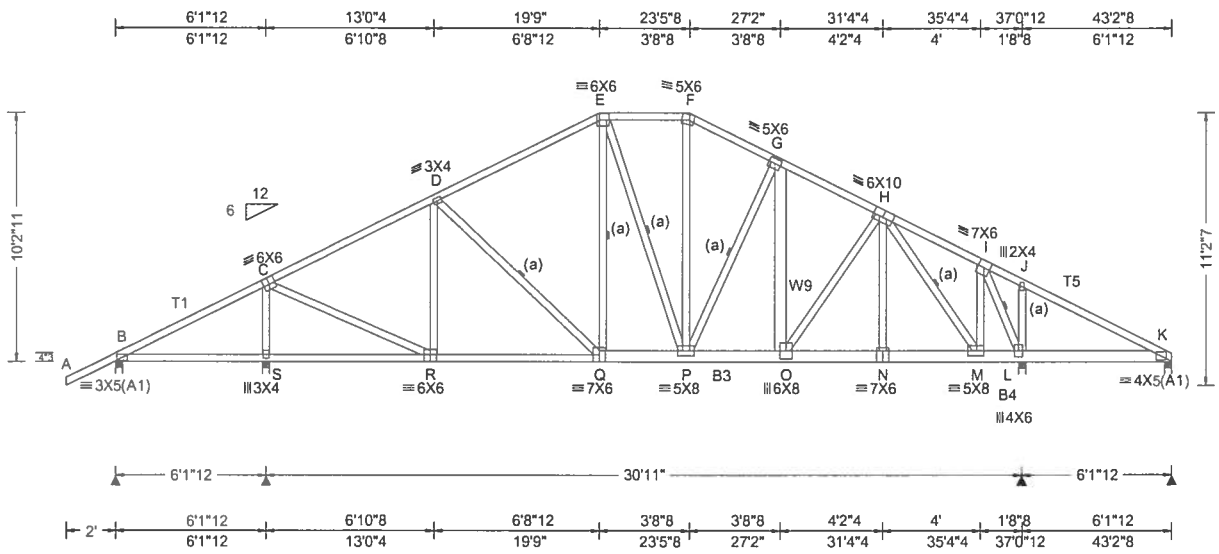
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com, ICC: www.iccsafe.org

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

SEQN: 558244 COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** B04	Cust: R 215 JRef: 1WMX2150005 T23 DrwNo: 200.19.1537.56430 YK / WHK 07/19/2019	



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.32 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.089	O	999	240
VERT(CL): 0.177	O	999	180
HORZ(LL): 0.021	L	-	-
HORZ(TL): 0.041	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.607
Max BC CSI: 0.557
Max Web CSI: 0.875

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	280	/-5	/-	/-	/76	/-
S	2320	/-	/-	/-	/464	/-
L	4539	/-	/-	/-	/889	/-
K	287	/-	/-	/-	/24	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
S Brg Width = 3.5 Min Req = 2.4
L Brg Width = 3.5 Min Req = 3.4
K Brg Width = 3.5 Min Req = 1.5
Bearings B, S, L, & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	409	- 1877	G - H	672	- 3096
D - E	468	- 2127	H - I	226	- 1042
E - F	439	- 2067	I - J	415	- 90
F - G	510	- 2345	J - K	482	- 120

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1622	- 341	O - N	2363	- 503
Q - P	1816	- 382	N - M	2356	- 502
P - O	2671	- 576	M - L	688	- 144

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - C	526	- 2170	G - O	1608	- 302
C - R	2007	- 405	O - H	681	- 155
R - D	248	- 738	N - H	649	- 100
E - P	783	- 169	H - M	573	- 2690
P - F	834	- 139	M - I	2296	- 494
P - G	334	- 1480	I - L	684	- 3165

Lumber

Top chord 2x4 SP #2 :T1, T5 2x4 SP 2400f-2.0E:
Bot chord 2x4 SP #2 :B3, B4 2x6 SP 2400f-2.0E:
Webs 2x4 SP #3 :W9 2x6 SP 2400f-2.0E:

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

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

TC: From	60 plf at	-2.00 to	60 plf at	27.17
TC: From	30 plf at	27.17 to	30 plf at	35.35
TC: From	60 plf at	35.35 to	60 plf at	43.21
BC: From	4 plf at	-2.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	27.17
BC: From	10 plf at	27.17 to	10 plf at	43.21

BC: 1892 lb Conc. Load at 27.17
BC: 320 lb Conc. Load at 29.35,31.35,33.35,35.35
BC: 325 lb Conc. Load at 37.27,39.27,41.27

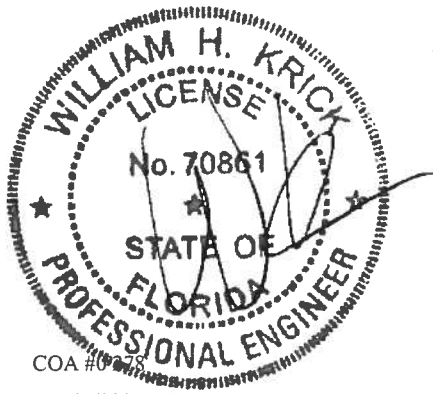
Wind

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 10-2-11.



COA #0278

07/22/2019

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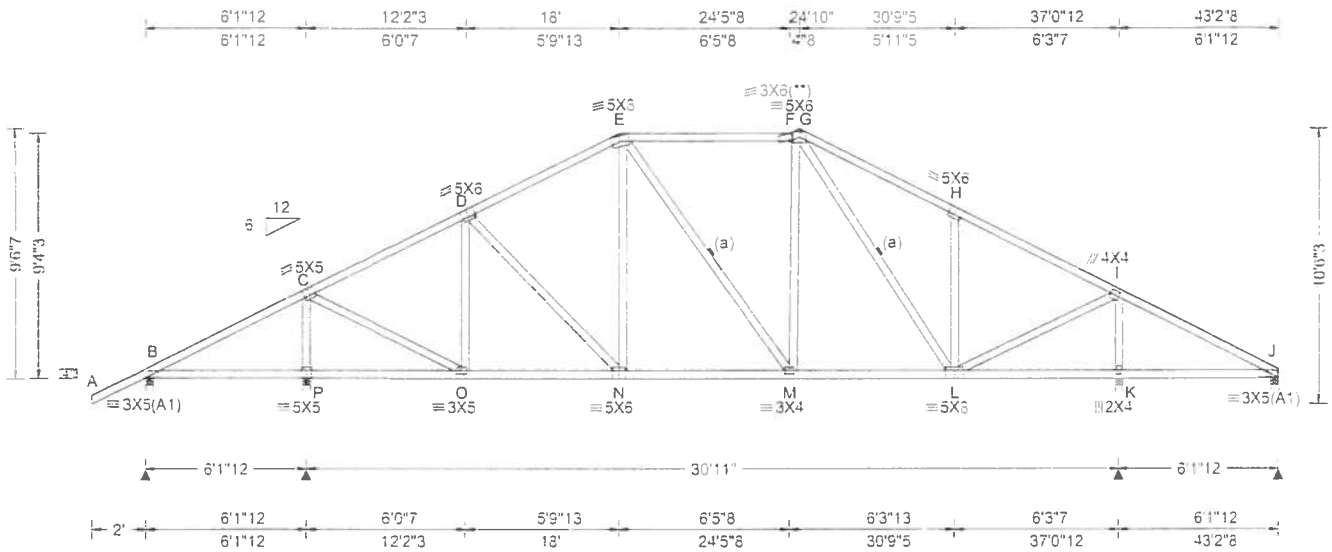
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557666 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** B05	Cust: R215 JRef: 1WMX2150005 T18 DrwNo: 200 19 1534 28432 YK / WHK 07/19/2019	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.32 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.063	F	999	240
VERT(CL): 0.124	F	999	180
HORZ(LL): 0.013	D	-	-
HORZ(TL): 0.025	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.661
Max BC CSI: 0.509
Max Web CSI: 0.451

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	345	/-	/-	/145	/47	/285
P	1592	/-	/-	/1019	/68	/-
K	1601	/-	/-	/943	/44	/-
J	218	/-28	/-	/109	/22	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
P Brg Width = 3.5 Min Req = 1.9
K Brg Width = 3.5 Min Req = 1.5
J Brg Width = 3.5 Min Req = 1.5
Bearings B, P, K, & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	325	- 1052	F - G	337	- 781
D - E	413	- 1124	G - H	431	- 1073
E - F	408	- 941	H - I	336	- 1094

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	881	- 147	M - L	938	- 111
N - M	940	- 122			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - C	401	- 1450	L - I	1185	- 256
C - O	1176	- 264	I - K	404	- 1437
O - D	145	- 450			

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

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

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 9-6-7.

COA #0778
07/22/2019

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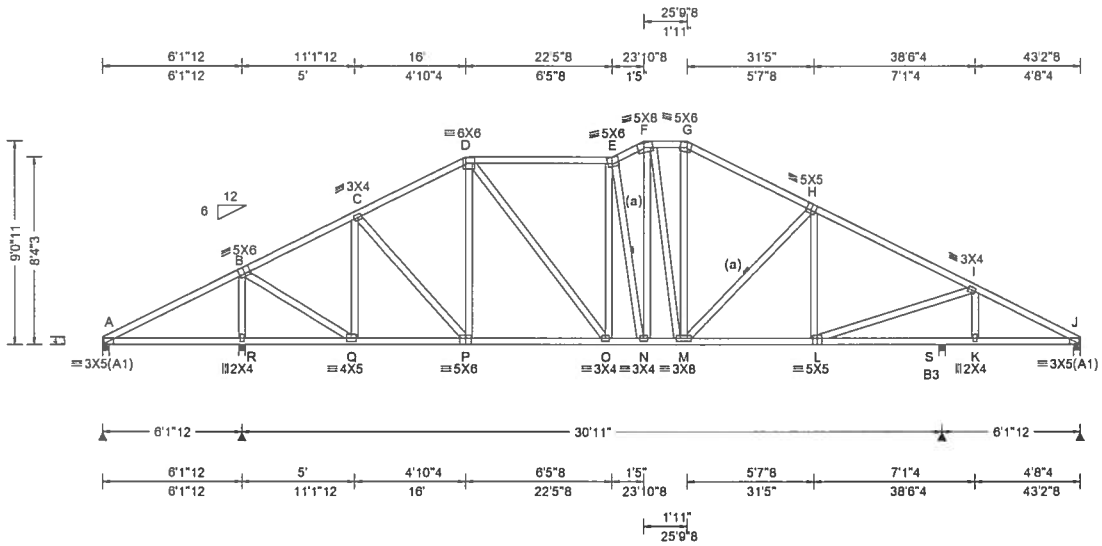
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557661 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** B06	Cust: R215 JRef: 1WMX2150005 T21 DrwNo: 200.19.1534.28634 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.32 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.089	E	999	240
VERT(CL): 0.178	E	999	180
HORZ(LL): 0.027	D	-	-
HORZ(TL): 0.054	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.620
Max BC CSI: 0.548
Max Web CSI: 0.560

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	147	/-158	/-	/10	/15	/238
R	1923	/-	/-	/1140	/59	/-
S	571	/-	/-	/372	/8	/-
J	968	/-	/-	/569	/39	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.5
R Brg Width = 3.5 Min Req = 1.9
S Brg Width = 3.5 Min Req = 1.5
J Brg Width = 3.5 Min Req = 1.5
Bearings A, R, S, & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	575	-152	F - G	537	-1280
B - C	336	-987	G - H	549	-1510
C - D	469	-1286	H - I	547	-1807
D - E	543	-1384	I - J	491	-1640
E - F	599	-1476			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - R	160	-478	N - M	1273	-241
R - Q	147	-435	M - L	1533	-353
Q - P	841	-165	L - K	2900	-770
P - O	1099	-203	K - J	1435	-380
O - N	1393	-287			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
R - B	513	-1756	E - N	299	-697
B - Q	1470	-363	F - N	620	-284
Q - C	222	-737	M - G	406	-145
C - P	408	-75	M - H	158	-378
D - O	475	-156	I - K	154	-465

Lumber

Top chord 2x4 SP #2
Bot chord 2x4 SP #2 :B3 2x4 SP 2400f-2.0E:
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

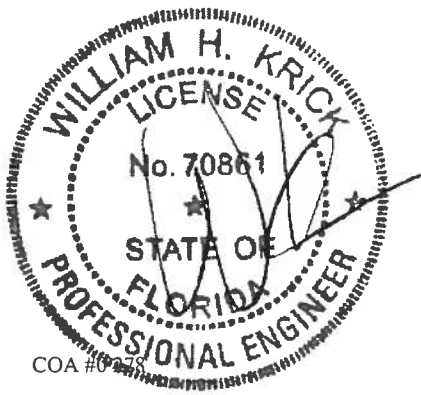
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-0-11.



COA #0278

07/22/2019

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

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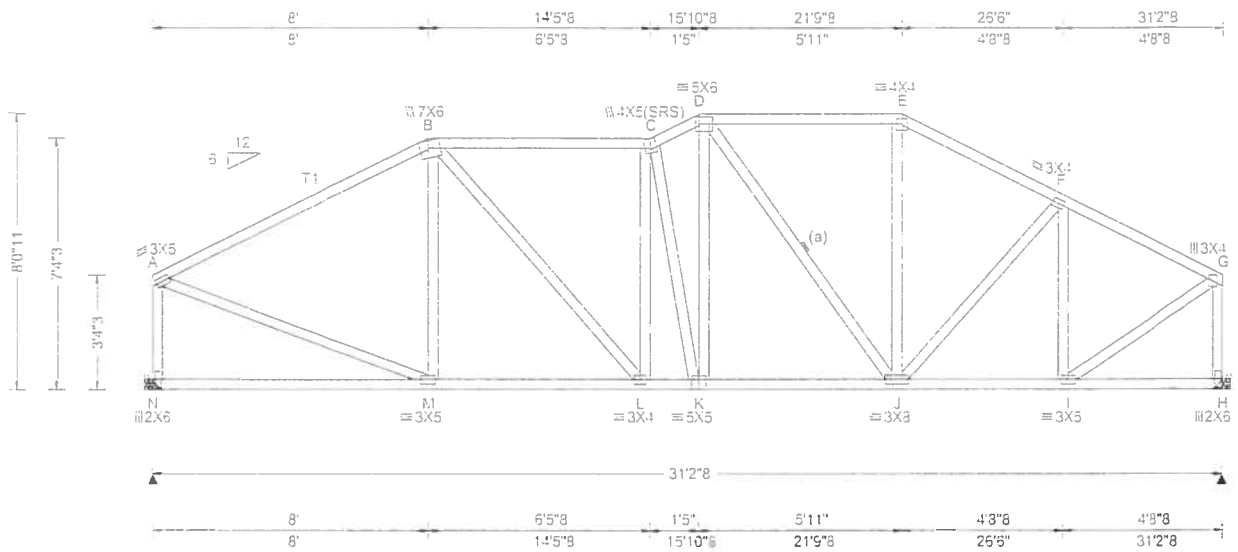
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 557651 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** C01	Cust: R 215 JRef: 1WMX2150005 T72 DrwNo: 200.19.1534.29086 YK / WHK 07/19/2019	



Loading Criteria (psf)

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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.060	C	999	240
VERT(CL): 0.121	C	999	180
HORZ(LL): 0.018	B	-	-
HORZ(TL): 0.037	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.613
Max BC CSI: 0.772
Max Web CSI: 0.574

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1248	/-	/-	/695	/64	/120
H	1248	/-	/-	/695	/62	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	411	- 1340	D - E	439	- 1088
B - C	502	- 1377	E - F	446	- 1274
C - D	532	- 1429	F - G	334	- 1102

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	1115	- 299	K - J	1277	- 333
L - K	1387	- 374	J - I	959	- 260

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	375	- 1179	D - K	634	- 211
A - M	1162	- 301	F - I	185	- 521
B - L	399	- 124	I - G	1115	- 301
C - K	227	- 563	G - H	366	- 1209

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional informatiCn

The overall height of this truss excluding overhang is 8-0-11.

07/22/2019

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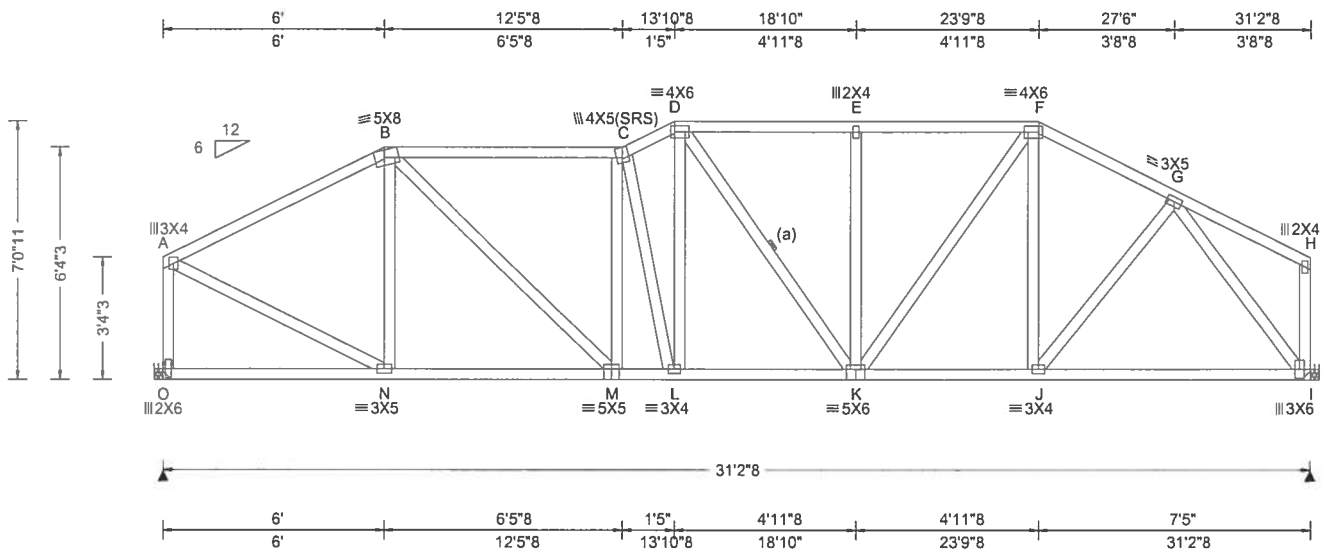
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com TPI: www.tpinst.org SBCA: www.sbcindustry.com ICC: www.iccsafe.org

ALPINE
A TRUSS COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557647 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** C02	Cust: R 215 JRef: 1WMX2150005 T71 DrwNo: 200.19.1534.28711 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.068	C	999	240
VERT(CL): 0.136	C	999	180
HORZ(LL): 0.023	I	-	-
HORZ(TL): 0.046	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.451
Max BC CSI: 0.646
Max Web CSI: 0.956

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
O	1248 /-	/-	/690	/77	/94
I	1248 /-	/-	/690	/72	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	390	- 1241	D - E	513	- 1403
B - C	538	- 1547	E - F	513	- 1403
C - D	580	- 1637	F - G	423	- 1247

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1049	- 296	K - J	1070	- 278
M - L	1567	- 443	J - I	824	- 241
L - K	1439	- 396			

Maximum Web Forces Per Ply (lbs)

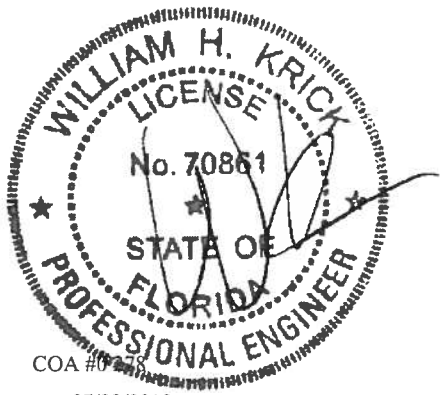
Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	382	- 1199	C - L	228	- 560
A - N	1160	- 315	D - L	610	- 213
B - N	171	- 384	K - F	562	- 180
B - M	696	- 203	J - G	401	- 60
M - C	156	- 415	G - I	401	- 1357

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

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

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



COA #0278
07/22/2019

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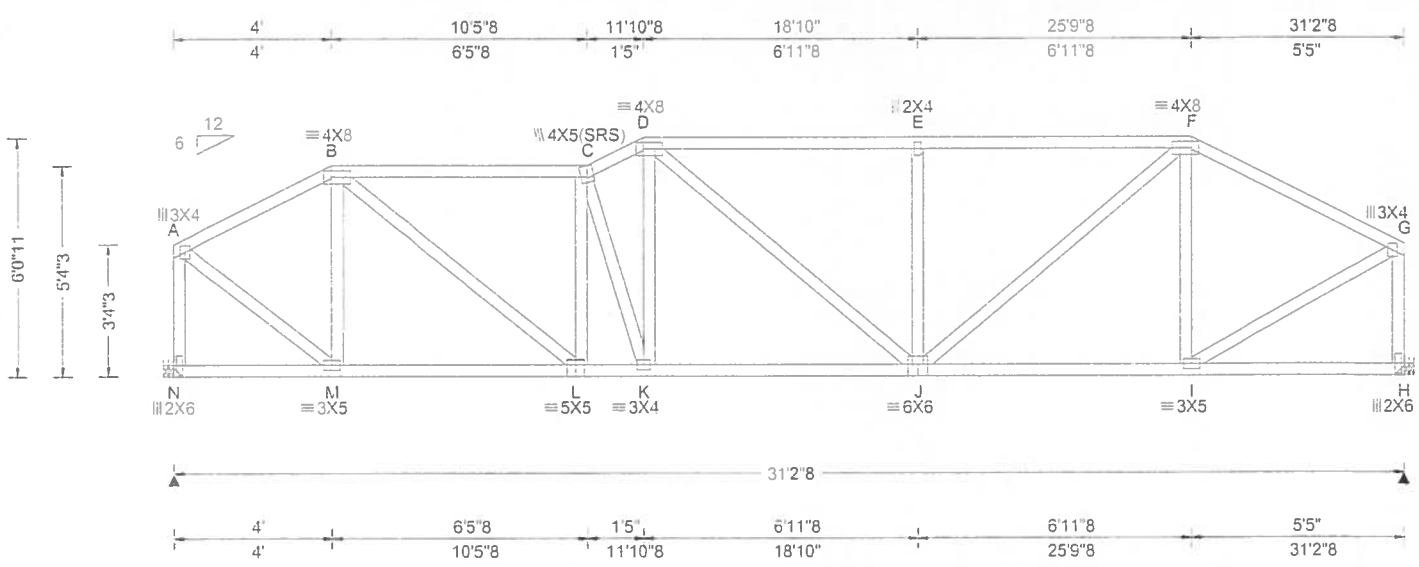
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
An ITW Company
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557644 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** C03	Cust: R 215 JRef: 1WMX2150005 T70 DrwNo: 200 19.1534.28900 YK / WHK 07/19/2019



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: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.080	K	999	240
VERT(CL): 0.159	K	999	180
HORZ(LL): 0.028	B	-	-
HORZ(TL): 0.056	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.544
Max BC CSI: 0.679
Max Web CSI: 0.439

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1248	/-	/-	/681	/231	/69
H	1248	/-	/-	/681	/231	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	338	- 1051	D - E	566	- 1678
B - C	572	- 1715	E - F	566	- 1678
C - D	616	- 1833	F - G	370	- 1196

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	907	- 268	K - J	1631	- 466
L - K	1750	- 511	J - I	1016	- 275

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	390	- 1222	D - K	519	- 167
A - M	1134	- 322	E - J	178	- 442
B - M	213	- 566	J - F	859	- 243
B - L	1045	- 298	I - G	1153	- 310
L - C	202	- 601	F - I	174	- 429
C - K	187	- 439	G - H	377	- 1206

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.

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 6-0-11.

COA #6378

07/22/2019

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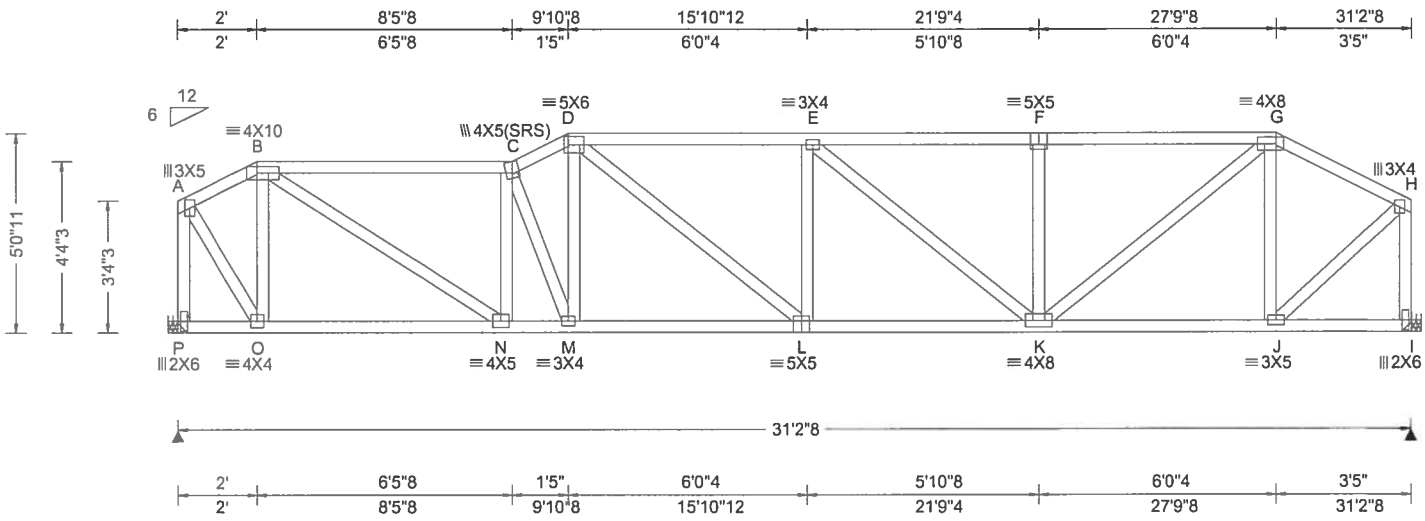
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557641 / SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** C04	Cust: R215 JRef: 1WMX2150005 T69 DrwNo: 200.19.1534.28622 YK / WHK 07/19/2019



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: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.109	E	999	240
VERT(CL): 0.219	E	999	180
HORZ(LL): 0.033	B	-	-
HORZ(TL): 0.067	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.566
Max BC CSI: 0.631
Max Web CSI: 0.572

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	1248	/-	/-	/668	/234	/43
I	1248	/-	/-	/668	/234	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	220	-698	E - F	556	-1771
B - C	587	-1884	F - G	556	-1771
C - D	644	-2036	G - H	302	-965
D - E	649	-2083			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	630	-186	L - K	2089	-580
N - M	1938	-563	K - J	834	-233
M - L	1804	-516			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - P	380	-1256	D - M	458	-143
A - O	1144	-337	E - K	133	-414
B - O	298	-841	K - G	1194	-323
B - N	1500	-429	G - J	222	-633
N - C	253	-752	J - H	1113	-309
C - M	161	-407	H - I	378	-1227

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.

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 5-0-11.

COA #0778

07/22/2019

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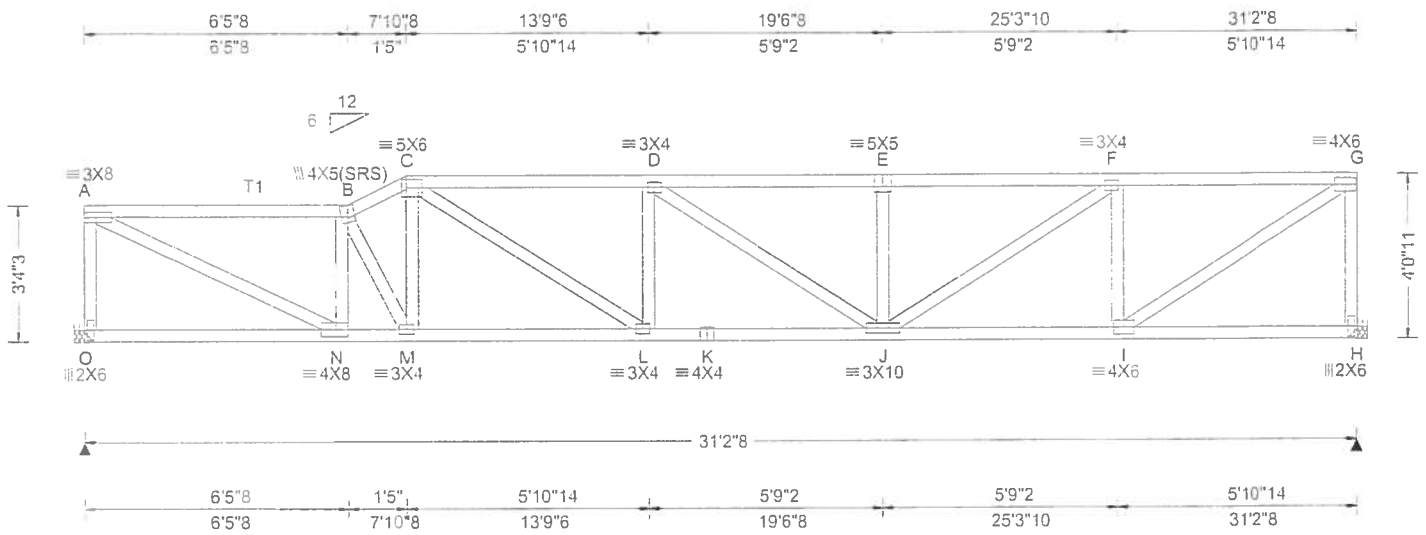
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557638 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** C05	Cust: R 215 JRef: 1WMX2150005 T24 DrwNo: 200.19.1534.27871 YK / WHK 07/19/2019	



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: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.151	D	999	240
VERT(CL): 0.301	D	999	180
HORZ(LL): 0.033	A	-	-
HORZ(TL): 0.066	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.448
Max BC CSI: 0.275
Max Web CSI: 0.868

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1248	/-	/-	/653	/235	/19
H	1248	/-	/-	/644	/242	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	577	-2059	D - E	673	-2464
B - C	650	-2254	E - F	673	-2464
C - D	729	-2594	F - G	434	-1612

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	2148	-637	K - J	2614	-738
M - L	1995	-592	J - I	1683	-458
L - K	2614	-738			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	370	-1189	J - F	941	-261
A - N	2278	-638	F - I	304	-921
N - B	309	-935	I - G	1911	-514
C - M	401	-113	G - H	358	-1198
C - L	714	-165			

Lumber

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

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 4-0-11.

COA #0778

07/22/2019

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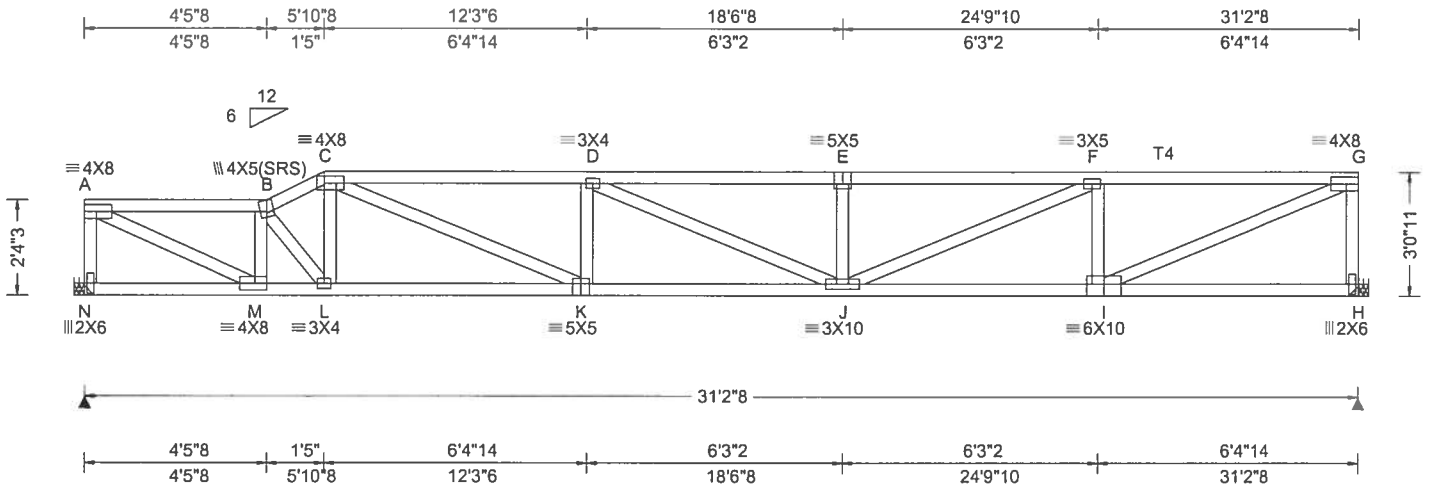
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557633 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** C06	Cust: R 215 JRef: 1WMX2150005 T46 DrwNo: 200.19.1534.27854 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.12 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):	0.234 E	999	240
VERT(CL):	0.468 E	799	180
HORZ(LL):	0.043 A	-	-
HORZ(TL):	0.086 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.603
Max BC CSI: 0.326
Max Web CSI: 0.968

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1248	/-	/-	/654	/236	/19
H	1248	/-	/-	/643	/241	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	621	-2180	D - E	933	-3462
B - C	713	-2479	E - F	933	-3462
C - D	949	-3417	F - G	624	-2341

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	2333	-698	K - J	3458	-965
L - K	2231	-662	J - I	2435	-655

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	367	-1195	J - F	1127	-308
A - M	2413	-687	F - I	299	-895
M - B	331	-1084	I - G	2540	-676
C - K	1295	-317	G - H	355	-1192
K - D	152	-401			

Lumber

Top chord 2x4 SP #2 :T4 2x4 SP 2400f-2.0E:
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3

Wind

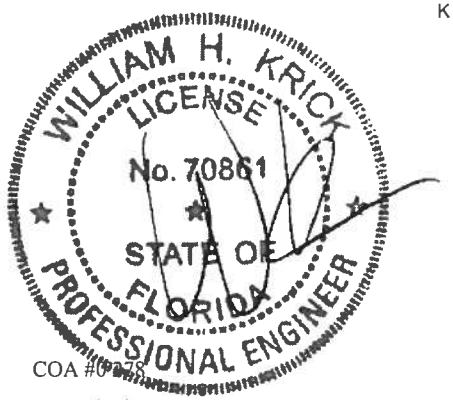
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 3-0-11.



COA #0

07/22/2019

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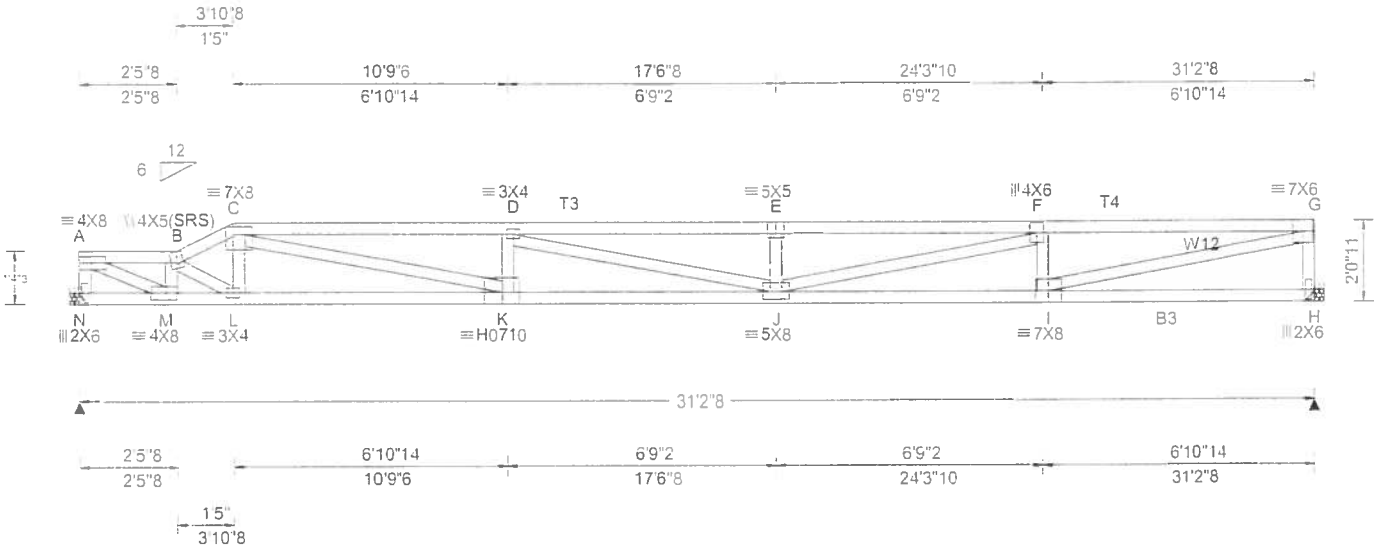
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 557629 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** C07		Cust: R 215 JRef: 1WMX2150005 T19 DrwNo: 200.19 1534.28853 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.12 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, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.492	E	760	240
VERT(CL): 0.985	E	330	180
HORZ(LL): 0.064	C	-	-
HORZ(TL): 0.128	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.521
Max BC CSI: 0.494
Max Web CSI: 0.975

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1248	/-	/-	/655	/236	/19
H	1248	/-	/-	/642	/241	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp
A - B	645	- 2243	D - E	1465	- 5523
B - C	802	- 2818	E - F	1465	- 5523
C - D	1374	- 5043	F - G	1018	- 3872

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens.	Comp
M - L	2582	- 773	K - J	5129	- 1406
L - K	2565	- 754	J - I	4013	- 1066

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens.	Comp
A - N	353	- 1173	D - J	408	- 197
A - M	2477	- 712	J - F	1563	- 418
M - B	364	- 1264	F - I	293	- 868
C - K	2560	- 645	I - G	3957	- 1039
K - D	193	- 529	G - H	351	- 1183

Lumber

Top chord 2x4 SP #2 :T3 T4 2x4 SP 2400f-2.0E
Bot chord 2x4 SP 2400f-2.0E :B3 2x4 SP #2
Webs 2x4 SP #3 :W12 2x4 SP #2:

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 2-0-11.

COA #0778

07/22/2019

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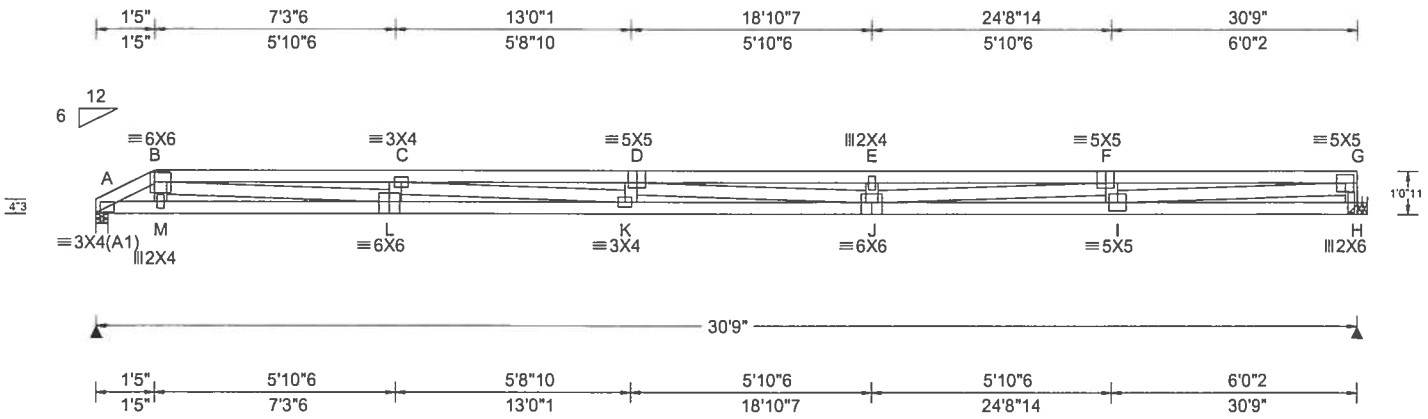
ALPINE
A ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557592 / HIPM FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** C08	Cust: R 215 JRef: 1WMX2150005 T66 DrwNo: 200.19.1534.28120 YK / WHK 07/19/2019

2 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.08 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): -1.435	D	255	240
VERT(CL): 1.315	D	279	180
HORZ(LL): -0.095	B	-	-
HORZ(TL): 0.104	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.814
Max BC CSI: 0.795
Max Web CSI: 0.760

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	605	/-	/-	/-	/776	/-
H	564	/-	/-	/-	/706	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	870	-646	D - E	3313	-2596
B - C	2461	-1911	E - F	3313	-2596
C - D	3386	-2651	F - G	2154	-1694

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - M	575	-781	K - J	2671	-3423
M - L	586	-789	J - I	1762	-2254
L - K	1968	-2545			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	1336	-1686	J - F	841	-1069
C - K	690	-850	I - G	1665	-2115

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

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

Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 60 plf at 0.00 to 60 plf at 1.42
TC: From 30 plf at 1.42 to 30 plf at 30.75
BC: From 10 plf at 0.00 to 10 plf at 30.75
TC: -30 lb Conc. Load at 1.45
TC: -15 lb Conc. Load at 3.48, 5.48, 7.48, 9.48 11.48,13.48,15.48,17.48,19.48,21.48,23.48,25.48 27.48,29.48
BC: 17 lb Conc. Load at 1.45
BC: 9 lb Conc. Load at 3.48, 5.48, 7.48, 9.48 11.48,13.48,15.48,17.48,19.48,21.48,23.48,25.48 27.48,29.48

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

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 1-0-11.

COA #0278
07/22/2019

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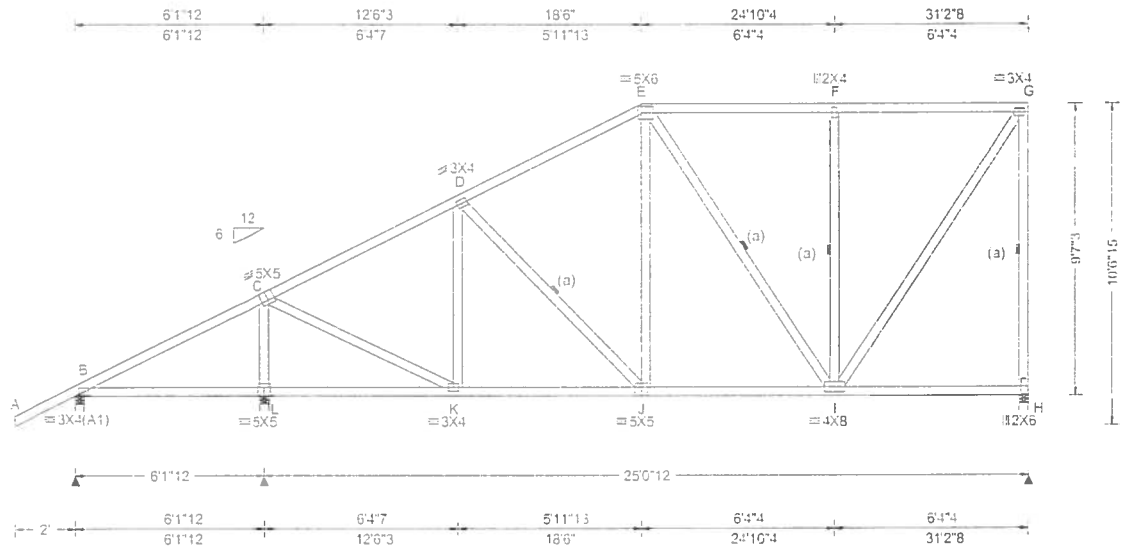
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557780 / HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** D01	Cust: R 215 JRef: 1WMX2150C05 T56 DrwNo: 200.19.1534.29149 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.029	J	999	240
VERT(CL): 0.057	J	999	180
HORZ(LL): 0.008	D	-	-
HORZ(TL): 0.017	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.542
Max BC CSI: 0.530
Max Web CSI: 0.717

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	372	/-	/-	/213	/3	/195
L	1320	/-	/-	/855	/142	/-
H	983	/-	/-	/544	/179	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
L Brg Width = 3.5 Min Req = 1.6
H Brg Width = 3.5 Min Req = 1.5
Bearings B, L, & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	143	-899	E - F	170	-534
D - E	212	-833	F - G	170	-534

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
K - J	736	-279	J - I	671	-236

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens	Comp
L - C	364	-1178	I - G	947	-302
C - K	902	-231	G - H	326	-932
F - I	180	-439			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

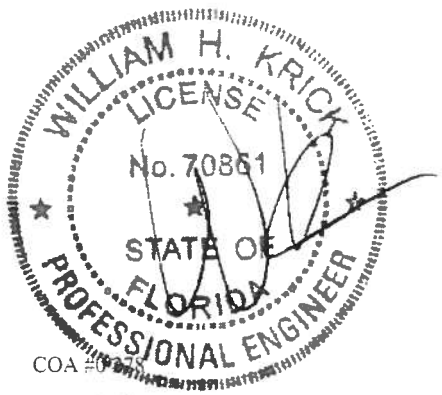
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 9-7-3.



COA #0

07/22/2019

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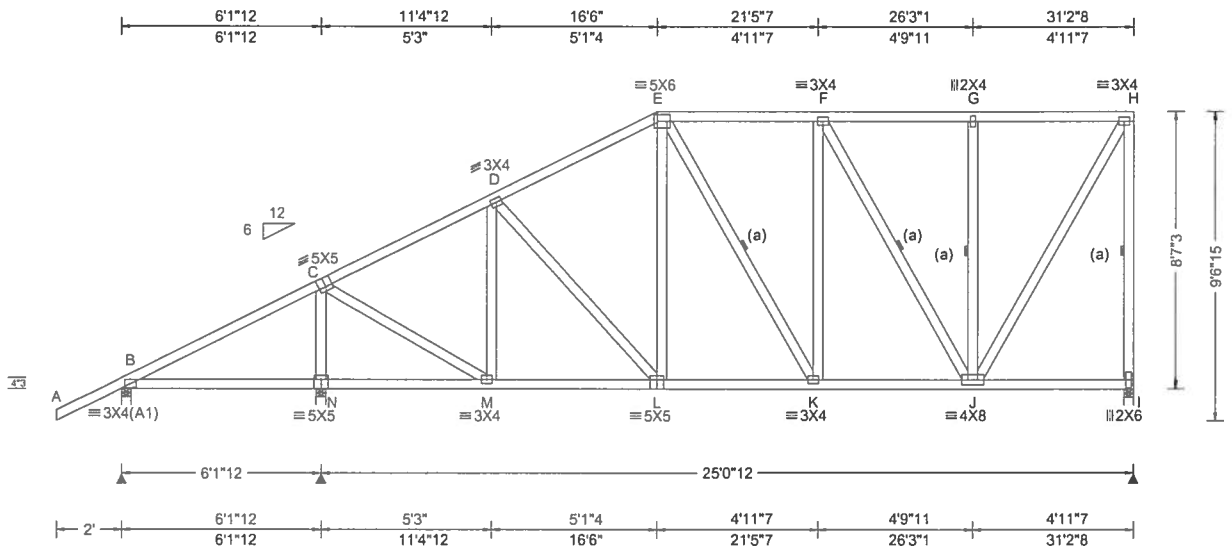
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557783 / HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** D02	Cust: R 215 JRef: 1WMX2150005 T55 DrwNo: 200.19.1534.28758 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.028	K	999	240
VERT(CL): 0.056	K	999	180
HORZ(LL): 0.008	D	-	-
HORZ(TL): 0.016	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.470
Max BC CSI: 0.364
Max Web CSI: 0.513

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	370	/-	/-	/216	/5	/176
N	1322	/-	/-	/840	/153	/-
I	982	/-	/-	/531	/184	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
N Brg Width = 3.5 Min Req = 1.6
I Brg Width = 3.5 Min Req = 1.5
Bearings B, N, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	149	-824	F - G	151	-490
D - E	234	-870	G - H	151	-490
E - F	227	-712			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	684	-264	K - J	708	-226
L - K	717	-251			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - C	368	-1187	F - J	153	-447
C - M	899	-239	J - H	956	-295
M - D	142	-382	H - I	315	-942

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

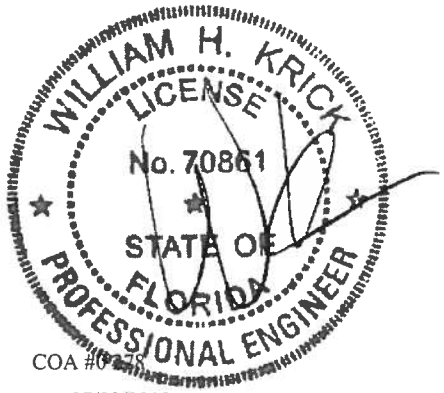
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 8-7-3.



COA #0[illegible]78

07/22/2019

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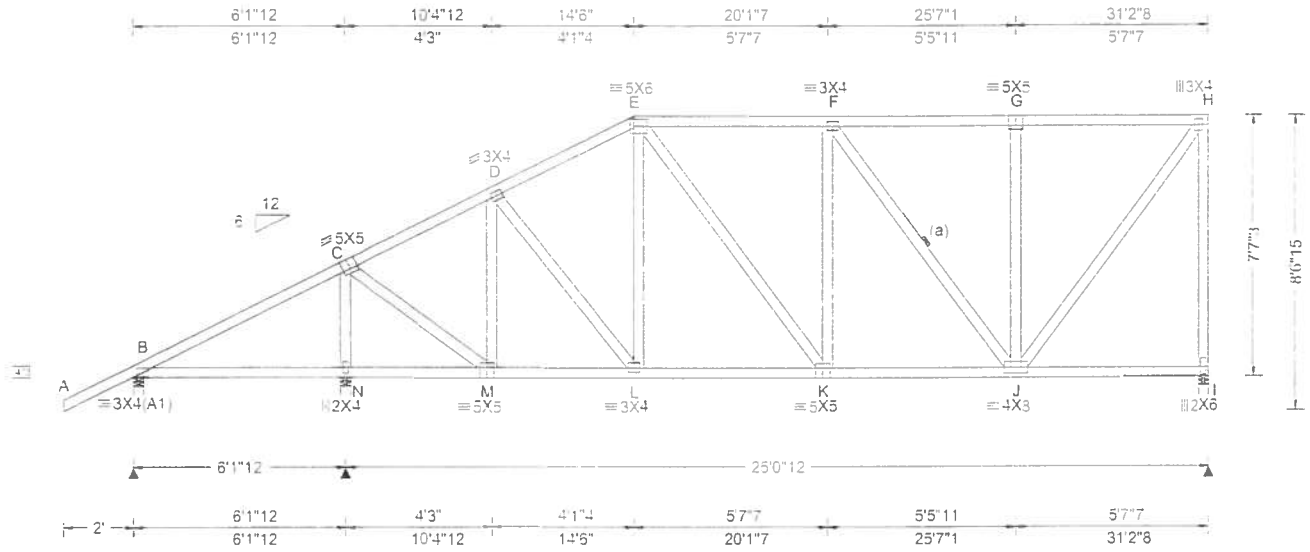
ALPINE
An ITW Company
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557786 / HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** D03		Cust: R 215 JRef: 1WMX2150005 T58 DrwNo: 200 19 1534.29039 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.030 F	999	240
VERT(CL):	0.060 F	999	180
HORZ(LL):	0.008 E	-	-
HORZ(TL):	0.016 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.438
Max BC CSI: 0.460
Max Web CSI: 0.969

VIEW Ver: 18.02.01B 0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	367	/-	/-	/218	/6	/157
N	1327	/-	/-	/824	/157	/-
I	981	/-	/-	/520	/182	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	147	-727	F - G	183	-614
D - E	246	-874	G - H	183	-614
E - F	260	-839			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	609	-241	K - J	840	-261
L - K	738	-257			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - C	373	-1192	F - J	131	-384
C - M	878	-242	J - H	1007	-301
M - D	159	-481	H - I	308	-936

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

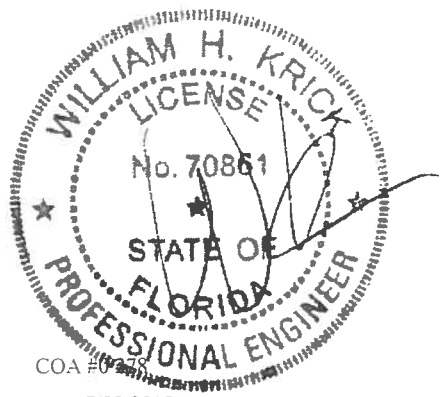
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure

Additional Notes

Refer to General Notes for additional information

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



07/22/2019

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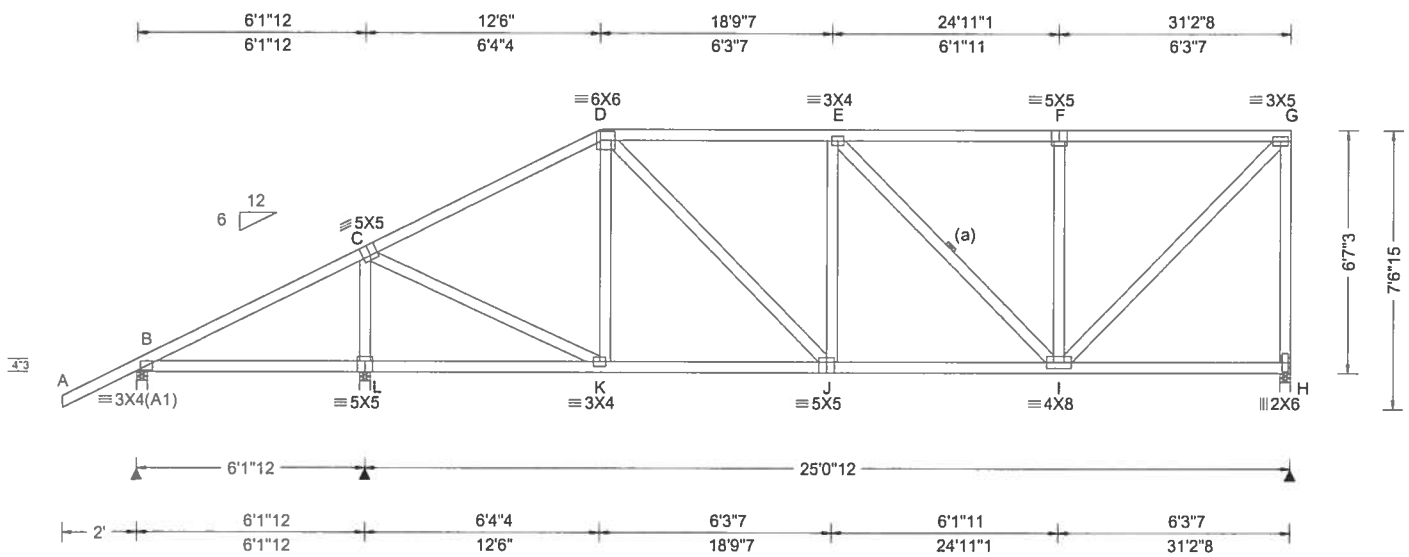
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557790 / HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** D04	Cust: R 215 JRef: 1WMX2150005 T53 DrwNo: 200.19.1534.28369 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.037	E	999	240
VERT(CL): 0.072	E	999	180
HORZ(LL): 0.009	D	-	-
HORZ(TL): 0.018	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.556
Max BC CSI: 0.570
Max Web CSI: 0.721

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	370	/-	/-	/221	/8	/138
L	1327	/-	/-	/805	/155	/-
H	981	/-	/-	/512	/177	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
L Brg Width = 3.5 Min Req = 1.6
H Brg Width = 3.5 Min Req = 1.5
Bearings B, L, & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	223	-903	E - F	223	-775
D - E	291	-984	F - G	223	-775

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	730	-249	J - I	991	-294

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - C	392	-1184	F - I	173	-410
C - K	913	-258	G - H	300	-931
I - G	1098	-315			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

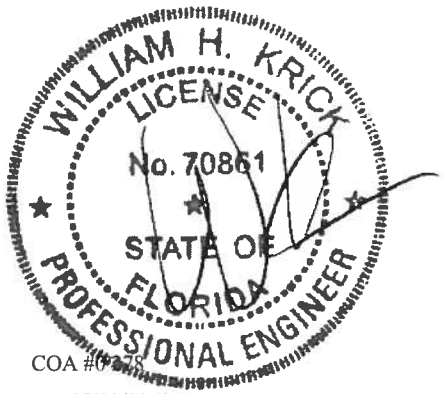
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

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



COA #0278

07/22/2019

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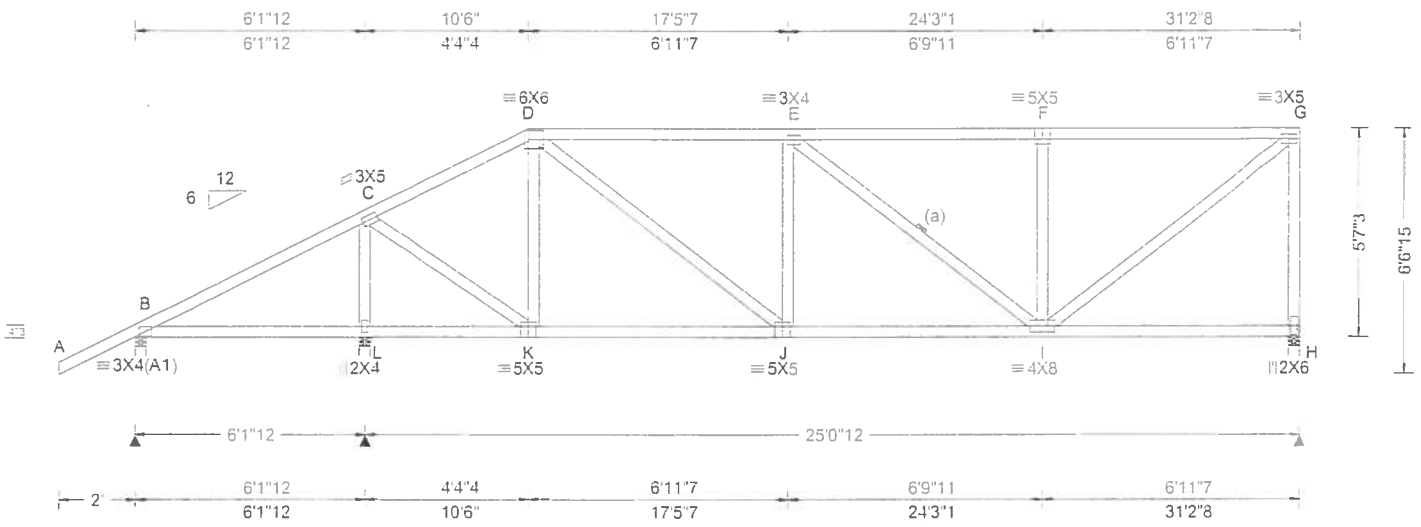
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557793 / HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** D05	Cust: R215 JRef: 1WMX2150005 T25 DrwNo: 200 19 1534.28914 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.045	E	999	240
VERT(CL): 0.089	E	999	180
HORZ(LL): 0.011	D	-	-
HORZ(TL): 0.022	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.717
Max BC CSI: 0.679
Max Web CSI: 0.507

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	342	/-	/-	/200	/22	/119
L	1391	/-	/-	/813	/158	/-
H	969	/-	/-	/500	/171	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	185	- 714	E - F	271	- 974
D - E	323	- 1130	F - G	271	- 974

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	587	- 202	J - I	1145	- 329

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - C	407	- 1263	I - G	1225	- 341
C - K	983	- 284	F - I	187	- 452
D - K	185	- 480	G - H	291	- 913
D - J	688	- 172			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information.

The overall height of this truss excluding overhang is 5-7-3.

COA #0778

07/22/2019

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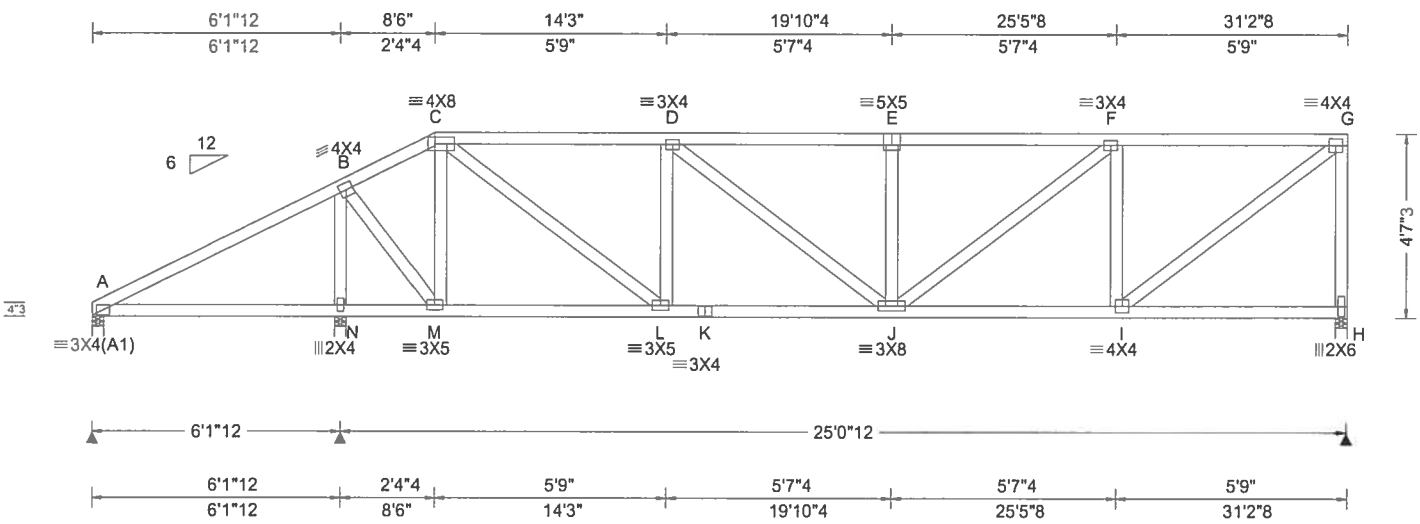
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 557796 / HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** D06	Cust: R215 JRef:1WMX2150005 T57 DrwNo: 200.19.1534.28057 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.12 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.059	E	999	240
VERT(CL): 0.116	E	999	180
HORZ(LL): 0.013	C	-	-
HORZ(TL): 0.026	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.554
Max BC CSI: 0.492
Max Web CSI: 0.479

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	166	/-100	/-	/57	/22	/81
N	1498	/-	/-	/835	/166	/-
H	953	/-	/-	/491	/166	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	462	-169	E - F	370	-1352
C - D	322	-1112	F - G	271	-997
D - E	370	-1352			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - N	35	-382	K - J	1148	-335
L - K	1148	-335	J - I	1040	-286

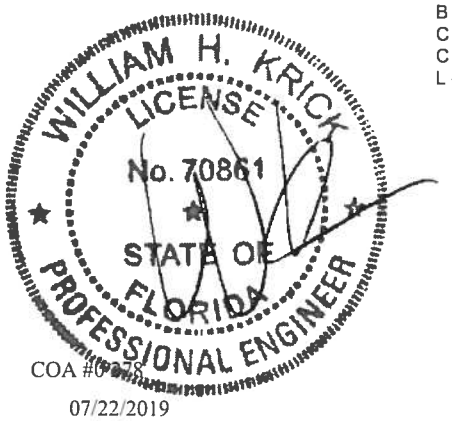
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - B	419	-1339	J - F	398	-113
B - M	1007	-220	F - I	230	-640
C - M	202	-769	I - G	1257	-341
C - L	1074	-267	G - H	280	-908
L - D	182	-535			

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

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical not exposed to wind pressure.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 4-7-3.



COA #0278
07/22/2019

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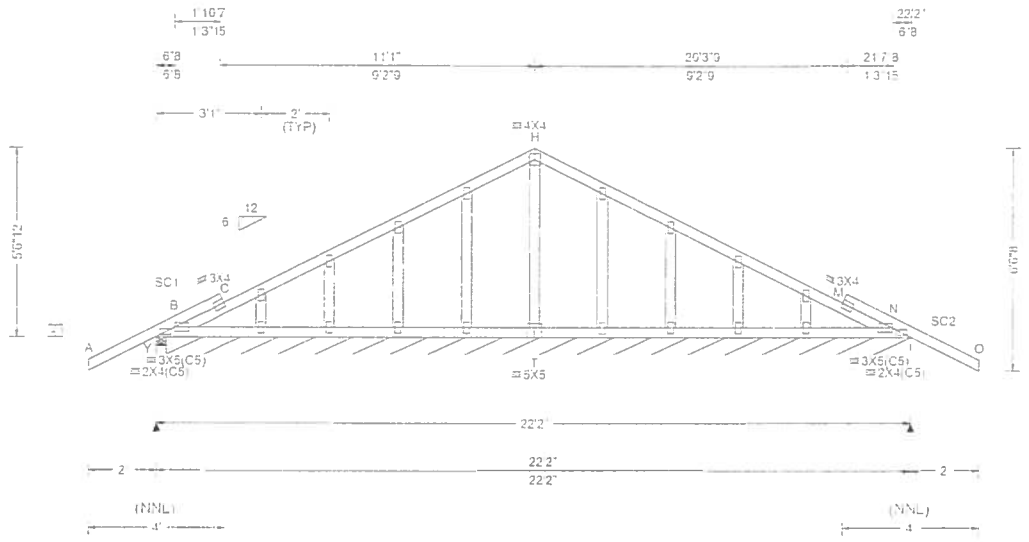
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 557804 / GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** G01	Cust: R215 JRef: 1WMX2150005 T5 DrwNo: 200 19 1534 29055 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.389
Max BC CSI: 0.045
Max Web CSI: 0.056

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Y	322	/-	/-	/210	/75	/190
N*	78	/-	/-	/42	/14	/-

Wind reactions based on MWFRS
Y Brg Width = 3.5 Min Req = 1.5
N Brg Width = 262 Min Req = -
Bearings Y & Y are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

Additional Notes

Refer to General Notes for additional information

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 5-6-12.

COA #0278

07/22/2019

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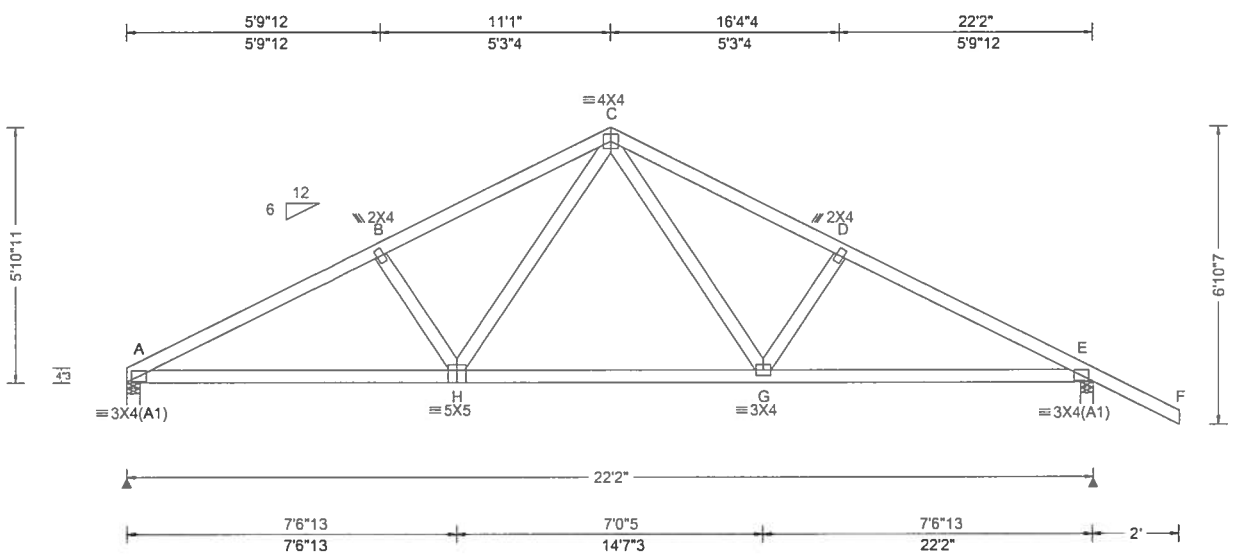
For more information see this job's general notes page and these web sites: ALPINE: www.alpinetw.com TPI: www.tpinst.org SBCA: www.sbcindustry.com ICC: www.iccsafe.org

ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557812 / COMN FROM: CDM	Ply: 1 Qty: 9	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** G02	Cust: R 215 JRef: 1WMX2150005 T3 DrwNo: 200.19.1534.28759 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.057	G	999	240
VERT(CL): 0.108	G	999	180
HORZ(LL): 0.022	G	-	-
HORZ(TL): 0.042	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.367
Max BC CSI: 0.642
Max Web CSI: 0.206

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	921	/-	/-	/500	/152	/172
E	1064	/-	/-	/610	/193	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	730	- 1596	C - D	679	- 1402
B - C	733	- 1426	D - E	676	- 1571

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	1370	- 497	G - E	1340	- 481
H - G	922	- 238			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - C	540	- 239	C - G	504	- 210

Lumber

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

Loading

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

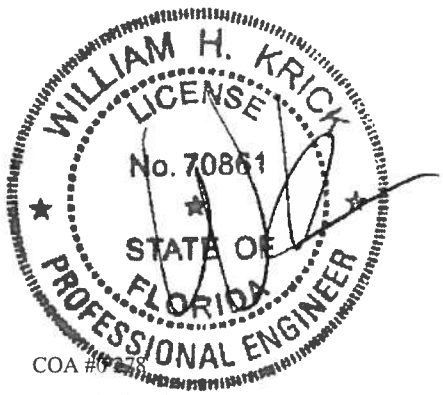
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 5-10-11.



COA #0778

07/22/2019

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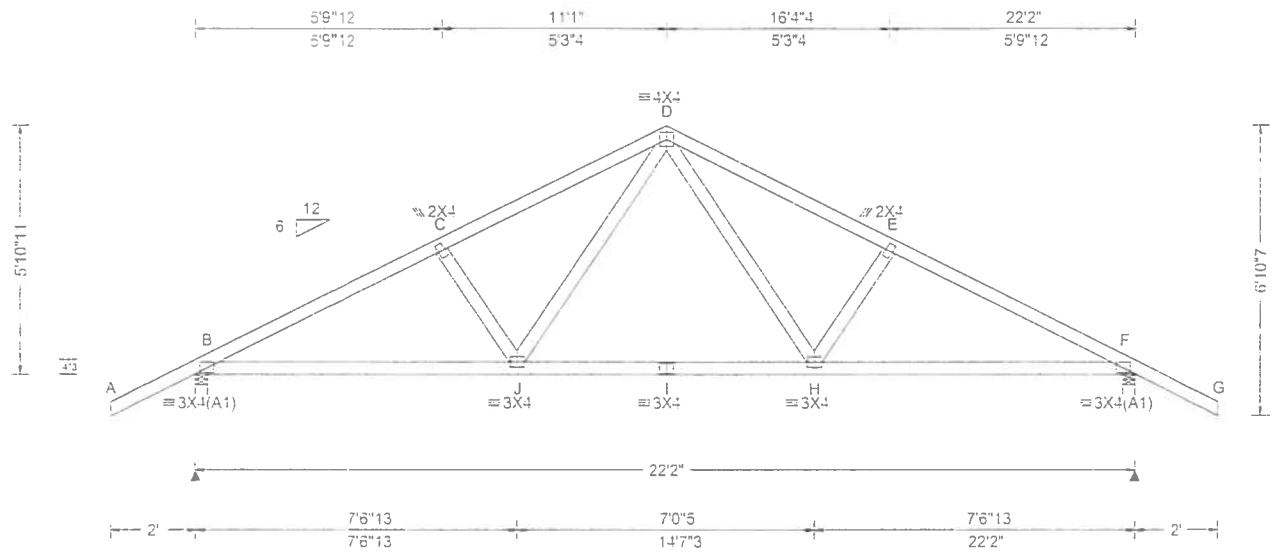
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557814 / COMN	Ply: 1	Job Number: 19-3333	Cust: R 215 JRef: 1WMX2150005 T1
FROM: CDM	Qty: 2	/WESLEY & LISA HUNTER RES /Plumb Level Construction	DrwNo. 200 19 1534.29273
		Truss Label: G03	YK / WHK 07/19/2019



Loading Criteria (psf)

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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.058	H	999	240
VERT(CL): 0.108	H	999	180
HORZ(LL): 0.022	H	-	-
HORZ(TL): 0.042	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.367
Max BC CSI: 0.640
Max Web CSI: 0.193

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1057	/-	/-	/610	/190	/192
F	1057	/-	/-	/610	/190	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	641	-1556	D - E	645	-1389
C - D	645	-1383	E - F	641	-1557

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	1327	-430	I - H	909	-205
J - I	909	-205	H - F	1327	-449

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - D	505	-216	D - H	506	-215

Lumber

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

Loading

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

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 5-10-11.

COA #0278

07/22/2019

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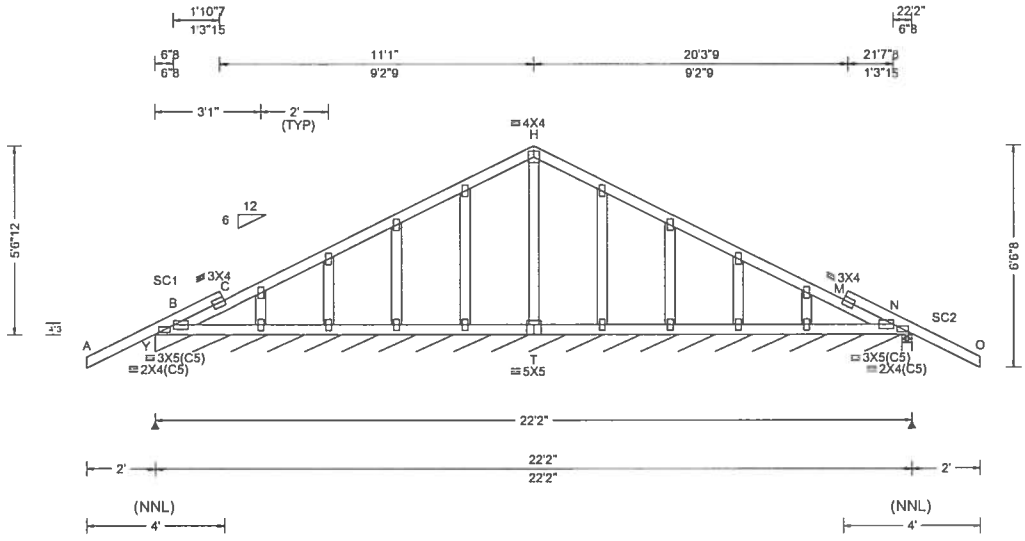
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557801 / GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** G04	Cust: R215 JRef: 1WMX2150005 T2 DrwNo: 200.19.1534.28962 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.389
Max BC CSI: 0.045
Max Web CSI: 0.056

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Y*	78	/-	/-	/43	/14	/9
N	322	/-	/-	/235	/69	/-

Wind reactions based on MWFRS
Y Brg Width = 262 Min Req = -
N Brg Width = 3.5 Min Req = 1.5
Bearings Y & N are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

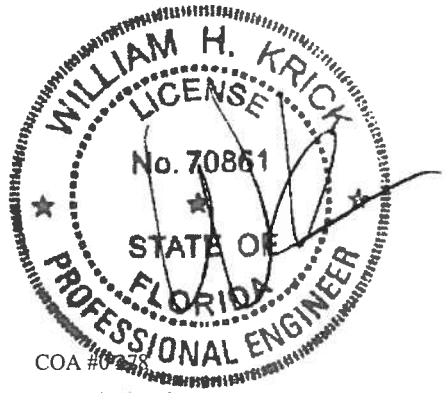
Additional Notes

Refer to General Notes for additional information

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 5-6-12.



COA #0[illegible]78

07/22/2019

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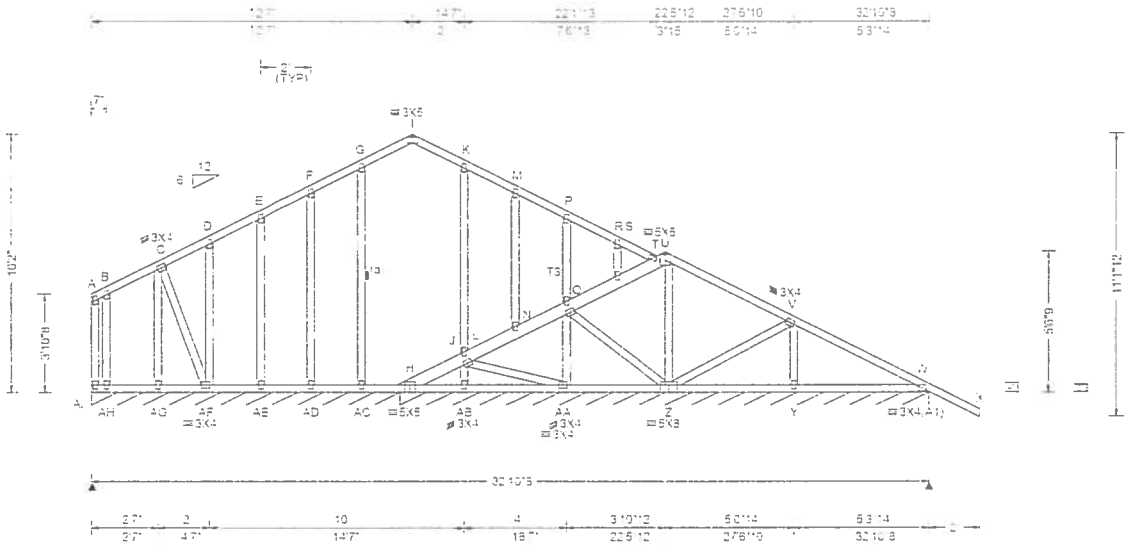
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557816 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** H01	Cust: R215 JRef: 1WMX2150005 T27 DrwNo: 200.19.1534.28056 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.29 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.010	I	999	240
VERT(CL): 0.019	I	999	180
HORZ(LL): -0.008	F	-	-
HORZ(TL): 0.013	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.384
Max BC CSI: 0.212
Max Web CSI: 0.208

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AI*	82	/-	/-	/53	/15	/21
W*	85	/-	/-	/58	/15	/-

Wind reactions based on MWFRS
AI Brg Width = 144 Min Req = -
W Brg Width = 249 Min Req = -
Bearings AI & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AF-AE	404	-133	AD-AC	405	-132
AE-AD	404	-133	AC-H	406	-132

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C -AF	391	-109

Lumber

Top chord 2x4 SP #2 :T3 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.

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 10-2-0.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

COA #0275

07/22/2019

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

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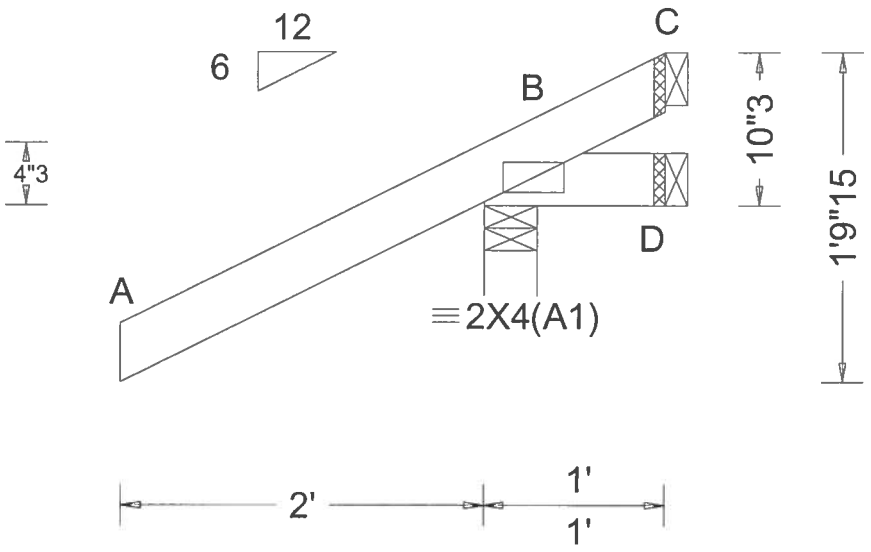
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557564 / JACK FROM: CDM	Ply: 1 Qty: 6	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** J01	Cust: R 215 JRef: 1WMX2150005 T11 DrwNo: 200.19.1534.28822 YK / WHK 07/19/2019



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): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 D - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 D - -
NCBCLL: 10.00	Mean Height: 15.00 ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.563
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.074
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: Any	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 18.02.01B.0321.08
	Wind Duration: 1.60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	349	/-	/-	/286	/116	/42
D	-	/-37	/-	/27	/36	/-
C	-	/-103	/-	/56	/100	/-

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

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 0-10-3.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.

COA #[illegible]

07/22/2019

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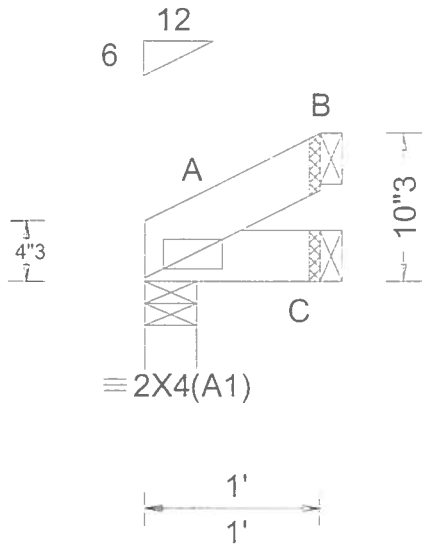
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557582 / JACK FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J1A	Cust: R215 JRef: 1WMX2150005 T33 DrwNo: 200 19 1534 28306 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): NA			
VERT(CL): NA			
HORZ(LL): 0.000	C	-	-
HORZ(TL): 0.000	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.011
Max BC CSI: 0.007
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	47	/-	/-	/29	/1	/13
C	16	/-	/-	/12	/2	/-
B	21	/-	/-	/11	/9	/-

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

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 0-10-3.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.

COA #0678

07/22/2019

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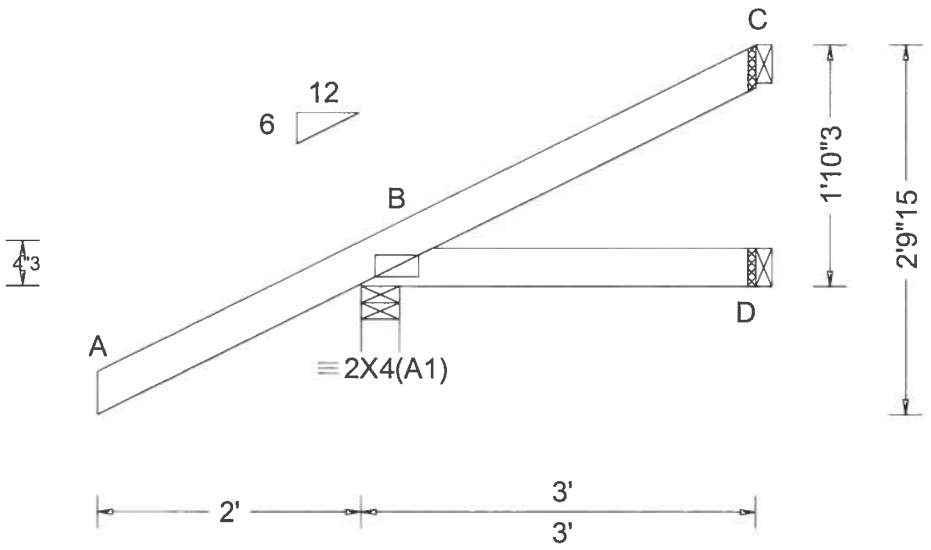
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557566 / JACK FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J02	Cust: R 215 JRef: 1WMX2150005 T10 DrwNo: 200.19.1534.27901 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.001 D - -
HORZ(TL): 0.002 D - -
Creep Factor: 2.0
Max TC CSI: 0.318
Max BC CSI: 0.096
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	307	/-	/-	/230	/61	/71
D	46	/-	/-	/42	/8	/-
C	48	/-	/-	/25	/20	/-

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

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 1-10-3.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.

COA #0778

07/22/2019

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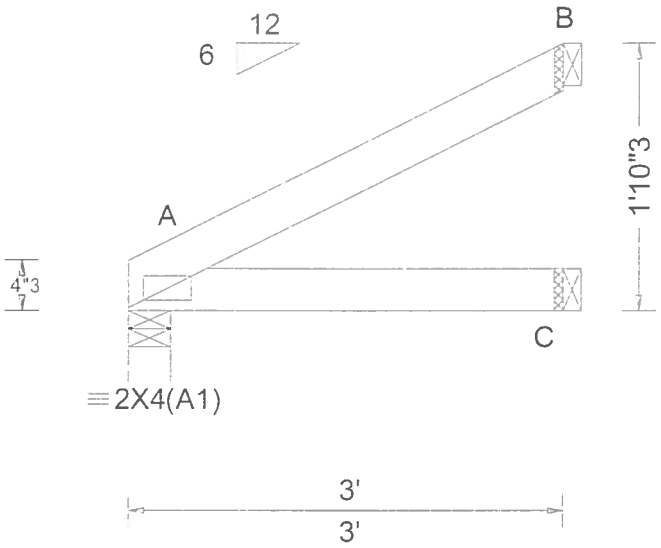
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557740 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J2A	Cust: R215 JRef: IWMX2150005 T32 DrwNo: 200 19.1534.27964 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.001 C - -
HORZ(TL): 0.003 C - -
Creep Factor: 2.0
Max TC CSI: 0.108
Max BC CSI: 0.086
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	126	/-	/-	/80	/8	/42
C	54	/-	/-	/39	/1	/-
B	78	/-	/-	/39	/31	/-

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

Lumber

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

Wind

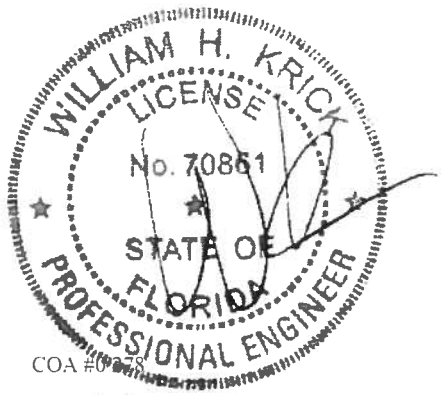
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 1-10-3.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



COA #0278

07/22/2019

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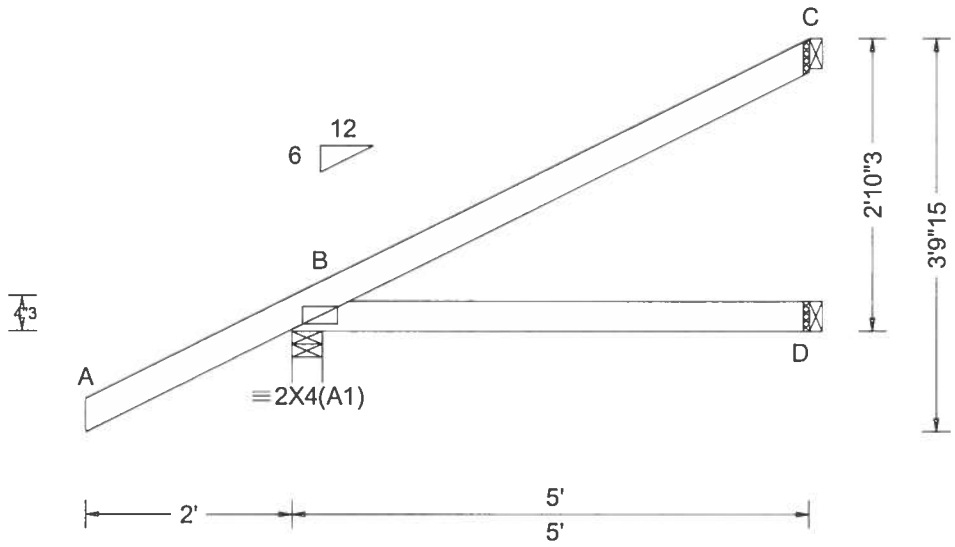
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557568 / JACK FROM: CDM	Ply: 1 Qty: 5	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** J03	Cust: R 215 JRef: 1WMX2150005 T9 DrwNo: 200.19.1534.28775 YK / WHK 07/19/2019



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): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 D - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 D - -
NCBCLL: 10.00	Mean Height: 15.00 ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.337
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.233
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 18.02.01B.0321.08
	Wind Duration: 1.60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	365	/-	/-	/262	/61	/100
D	87	/-	/-	/64	/-	/-
C	116	/-	/-	/52	/46	/-

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

Lumber

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

Wind

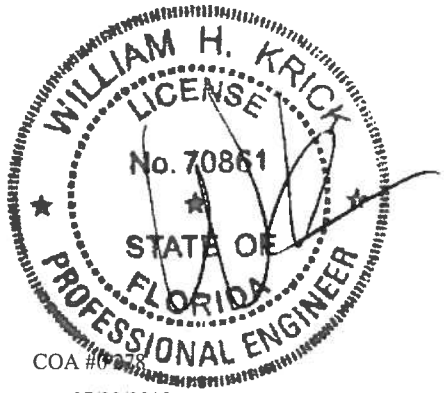
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 2-10-3.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



COA #[illegible]

07/22/2019

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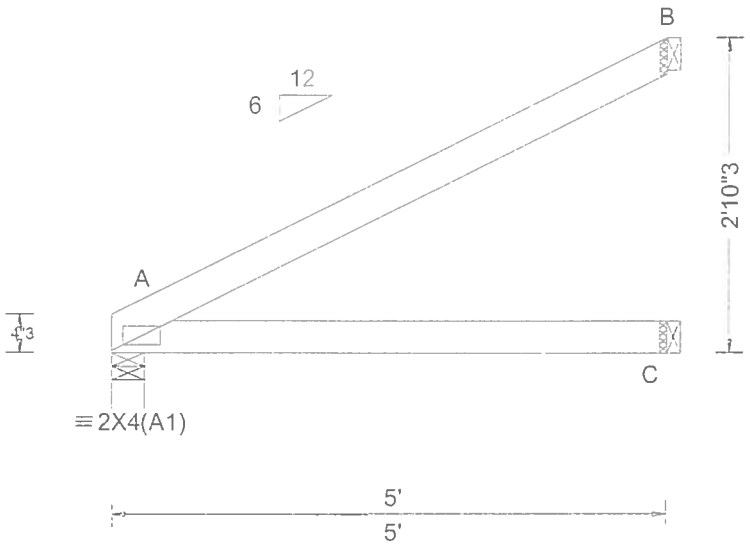
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 557742 / JACK FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J04	Cust: R215 JRef: 1WMX2150005 T31 DrwNo: 200 19 1534.28621 YK / WHK 07/19/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA **Code / Misc Criteria** Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s) WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.006 C - - HORZ(TL): 0.012 C - - Creep Factor: 2.0 Max TC CSI: 0.349 Max BC CSI: 0.262 Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	206	/-	/-	/131	/15	/71
C	92	/-	/-	/66	/1	/-
B	132	/-	/-	/67	/52	/-

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

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 2-10-3.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.

COA #0278

07/22/2019

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

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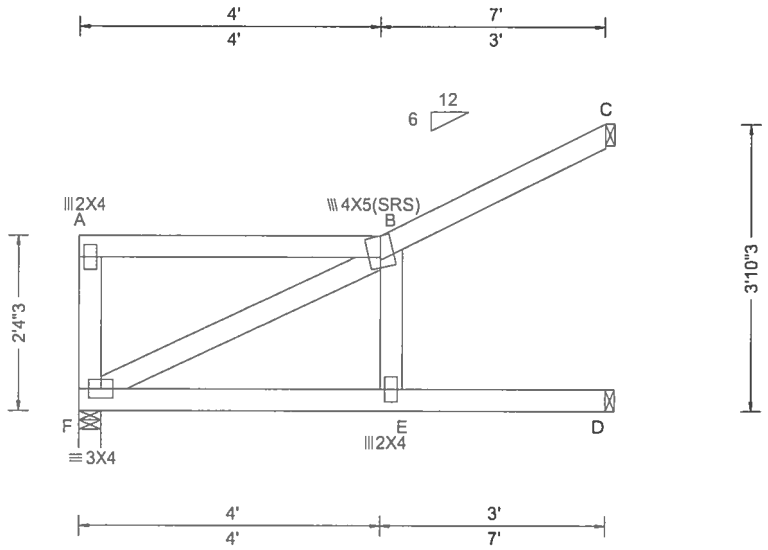
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. **A seal on this drawing or cover page listing this drawing,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

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

ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557745 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** J05	Cust: R215 JRef: 1WMX2150005 T38 DrwNo: 200.19.1534.29024 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.150	B	560	240
VERT(CL): 0.300	B	280	180
HORZ(LL): 0.076	B	-	-
HORZ(TL): 0.153	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.302
Max BC CSI: 0.405
Max Web CSI: 0.187

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	280	/-	/-	/148	/34	/39
D	198	/-	/-	/136	/29	/-
C	82	/-	/-	/38	/33	/-

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

Lumber

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

Wind

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

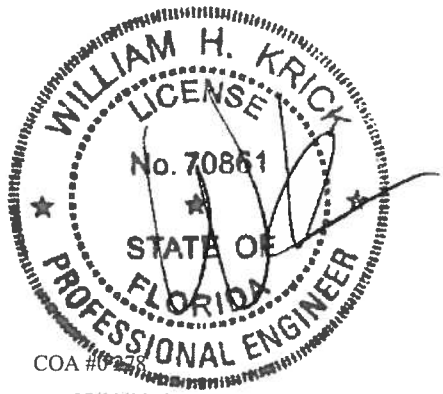
Left end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

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

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



COA #[illegible]

07/22/2019

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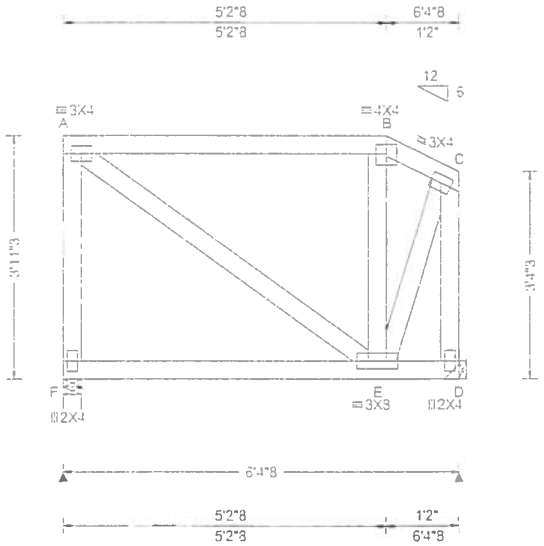
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557756 / HIPM FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J06	Cust: R 215 JRef: 1WMX2150005 T43 DrwNo: 200.19 1534.28620 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	B	999	240
VERT(CL): 0.005	B	999	180
HORZ(LL): -0.001	B	-	-
HORZ(TL): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.339
Max BC CSI: 0.216
Max Web CSI: 0.112

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	255	/-	/-	/134	/53	/11
D	255	/-	/-	/141	/31	/-

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

Lumber

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

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

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

COA #0275

07/22/2019

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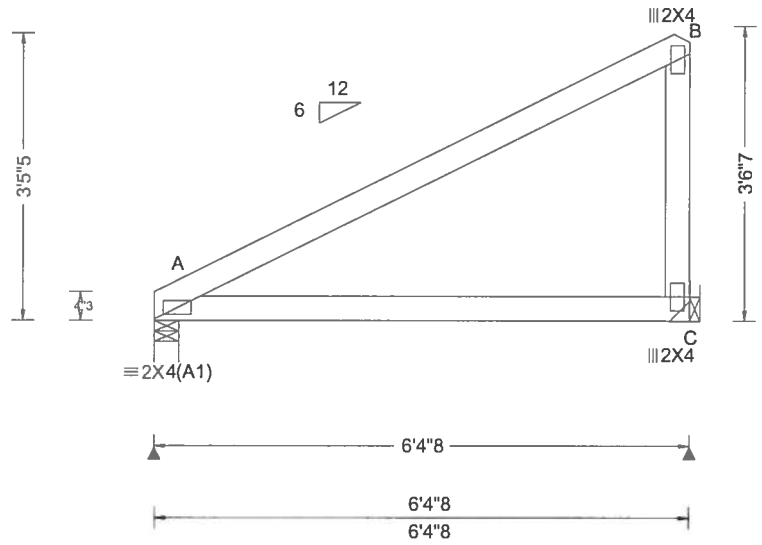
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557759 / SPEC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** J07	Cust: R215 JRef: 1WMX2150005 T62 DrwNo: 200.19.1534.28229 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.011 C - -
HORZ(TL): 0.022 C - -
Creep Factor: 2.0
Max TC CSI: 0.540
Max BC CSI: 0.396
Max Web CSI: 0.200

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	261 / -	/ -	/167	/ -	/59
C	249 / -	/ -	/166	/29	/ -

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

Lumber

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

Wind

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

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 3-5-5.

COA #[illegible]

07/22/2019

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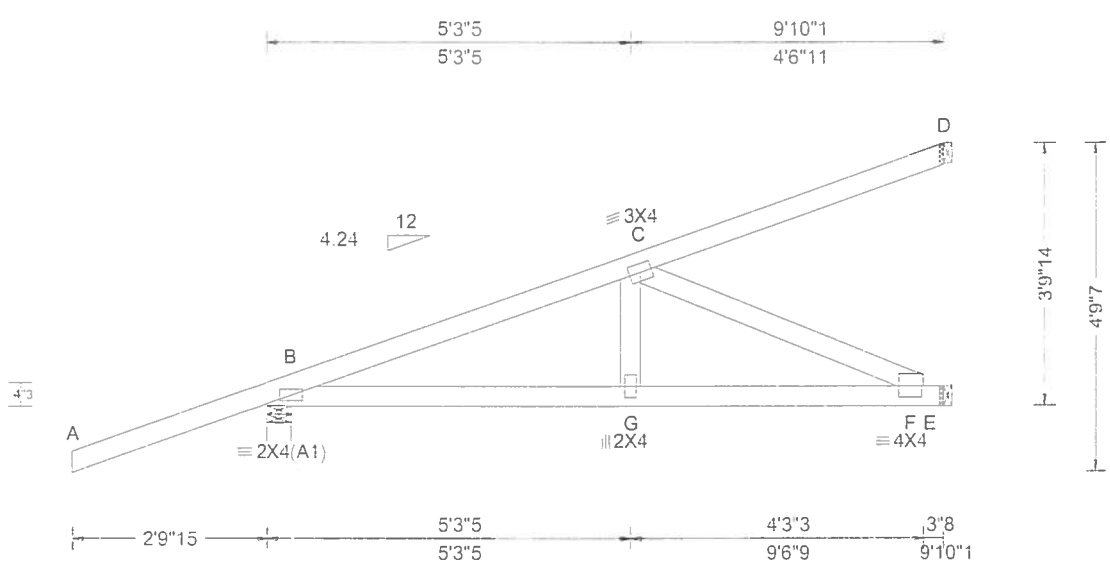
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN 557748 / HIP_ FROM CDM	Ply 1 Qty 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J08	Cust: R 215 JRef: 1WMX2150005 T37 DrwNo. 200 19.1534.28072 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.019	G	999	240
VERT(CL): 0.037	G	999	180
HORZ(LL): -0.004	D	-	-
HORZ(TL): 0.008	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.530
Max BC CSI: 0.288
Max Web CSI: 0.319

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	379	/-	/-	/-	/209	/-
E	336	/-	/-	/-	/72	/-
D	73	/-	/-	/-	/18	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	226	-695

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	652	-185	G - F	641	-184

Maximum Web Forces Per Ply (lbs)

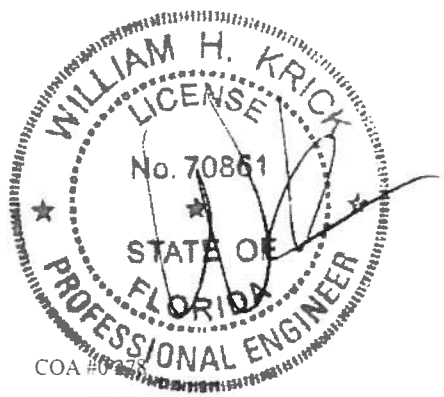
Webs	Tens.	Comp.
C - F	203	-707

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

Special Loads
-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 0 plf at -2.83 to 60 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 9.84
BC: From 0 plf at -2.83 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 9.84
TC: -17 lb Conc. Load at 1.41
TC: 125 lb Conc. Load at 4.24
TC: 248 lb Conc. Load at 7.07
BC: 13 lb Conc. Load at 1.41
BC: 100 lb Conc. Load at 4.24
BC: 179 lb Conc. Load at 7.07

Wind
Wind loads and reactions based on MWFRS.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhangs is 3-9-14.
Provide (3) 16d common 0.162"x3.5", toe-nails at TC.
Provide (3) 16d common 0.162"x3.5", toe-nails at BC.



COA #0775

07/22/2019

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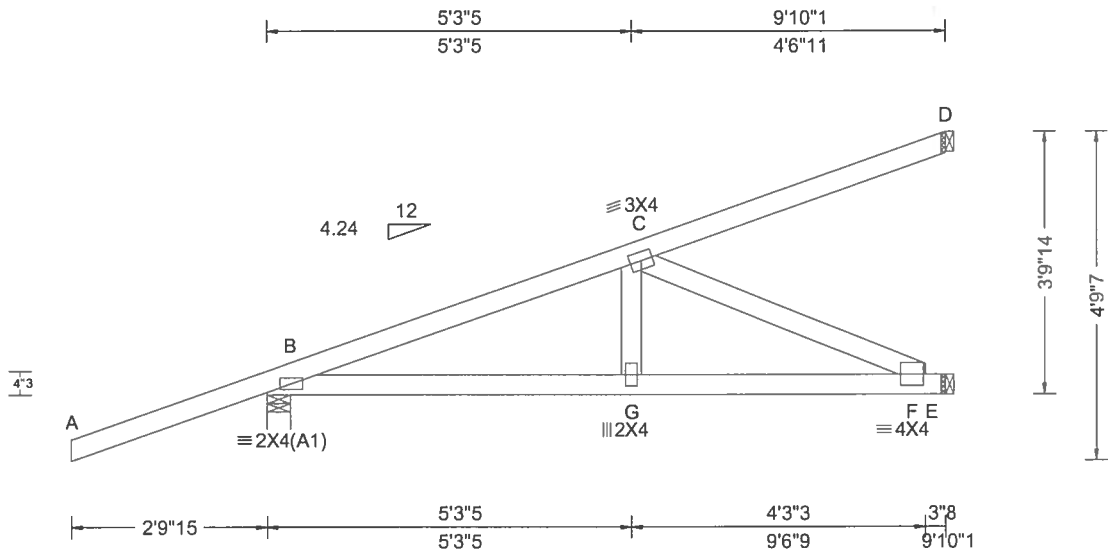
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557573 / HIP_ FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** J09	Cust: R 215 JRef: 1WMX2150005 T13 DrwNo: 200.19.1534.28182 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.018	G	999	240
VERT(CL): 0.033	G	999	180
HORZ(LL): -0.006	G	-	-
HORZ(TL): 0.008	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.529
Max BC CSI: 0.280
Max Web CSI: 0.269

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	379	/-	/-	/-	/314	/-
E	294	/-	/-	/-	/86	/-
D	73	/-	/-	/-	/13	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	298	-570

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	551	-231	G - F	541	-228

Maximum Web Forces Per Ply (lbs)

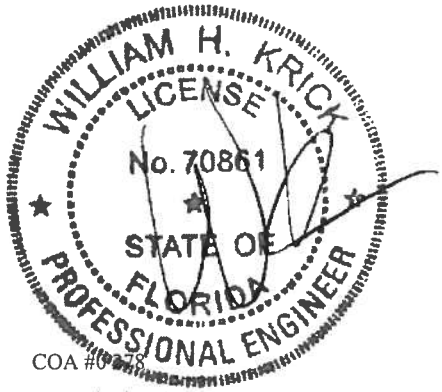
Webs	Tens.	Comp.
C - F	252	-597

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

Special Loads
-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 0 plf at -2.83 to 60 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 9.84
BC: From 0 plf at -2.83 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 9.84
TC: -76 lb Conc. Load at 1.41
TC: 95 lb Conc. Load at 4.24
TC: 232 lb Conc. Load at 7.07
BC: -6 lb Conc. Load at 1.41
BC: 91 lb Conc. Load at 4.24
BC: 173 lb Conc. Load at 7.07

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 3-9-14.
Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



COA #0278
07/22/2019

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

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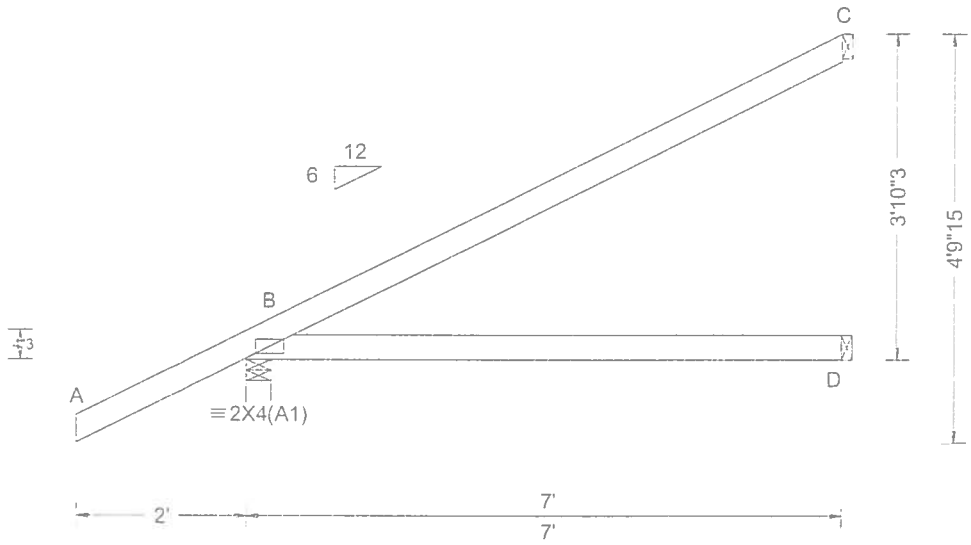
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 557570 / EJAC FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J10	Cust: R215 JRef: 1WMX2150005 T12 DrwNo: 200.19.1534.28275 YK / WHK 07/19/2019	



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.012 D	-	-
HORZ(TL):	0.023 D	-	-

Creep Factor: 2.0
Max TC CSI: 0.653
Max BC CSI: 0.493
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	436	/-	/-	/306	/65	/128
D	126	/-	/-	/88	/-	/-
C	176	/-	/-	/84	/69	/-

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

Lumber

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

Wind

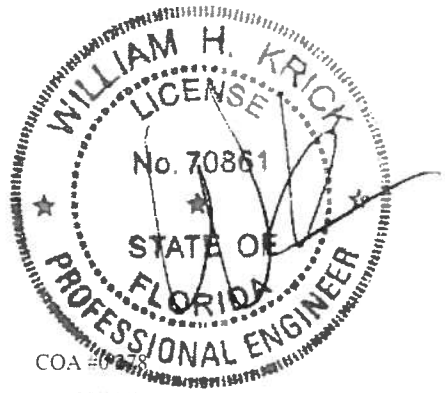
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information.

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

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



COA #0778

07/22/2019

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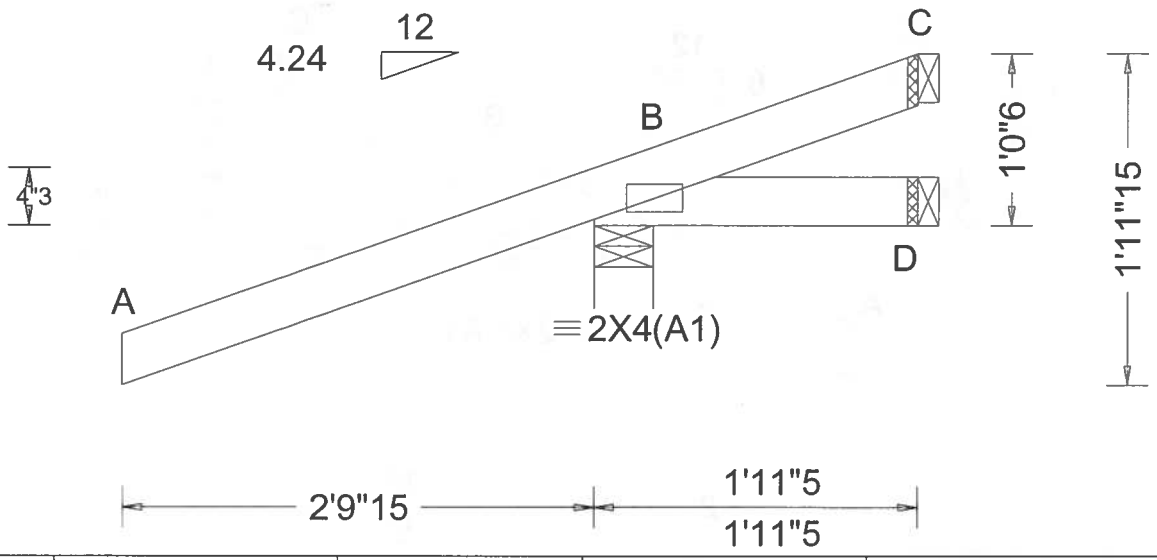
ALPINE
A DIVISION OF ITW BUILDING COMPONENTS GROUP
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557584 / HIP_ FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J11	Cust: R215 JRef: 1WMX2150005 T44 DrwNo: 200.19.1534.28259 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.001 D - -
HORZ(TL): 0.001 D - -
Creep Factor: 2.0
Max TC CSI: 0.249
Max BC CSI: 0.062
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	191	/-	/-	/-	/96	/-
D	8	/-15	/-	/-	/23	/-
C	-	/-39	/-	/-	/55	/-

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

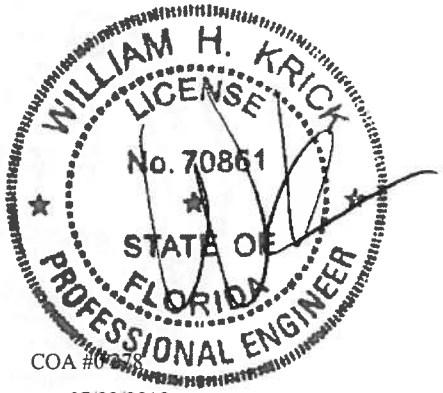
Lumber
Top chord 2x4 SP #2
Bot chord 2x4 SP #2

Special Loads
-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 0 plf at -2.83 to 60 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 1.94
BC: From 0 plf at -2.83 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 1.94
TC: -17 lb Conc. Load at 1.41
BC: 13 lb Conc. Load at 1.41

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 1-0-6.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



COA #0778

07/22/2019

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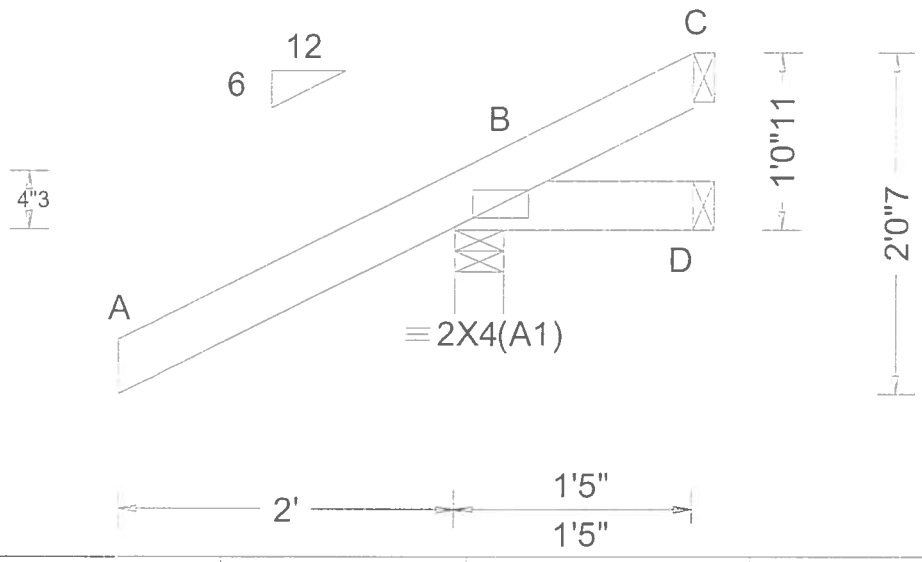
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557586 / EJAC FROM: CDM	Ply: 1 Qty: 15	**Job Number:** 19-3333 WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** J12	Cust: R.215 JRef: 1WMX2150005 T54 DrwNo: 200.19.1534.28790 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.318
Max BC CSI: 0.058
Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	308	/-	/-	/246	/90	/48
D	9	/-22	/-	/27	/25	/-
C	-	/-44	/-	/36	/53	/-

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

Lumber

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

Wind

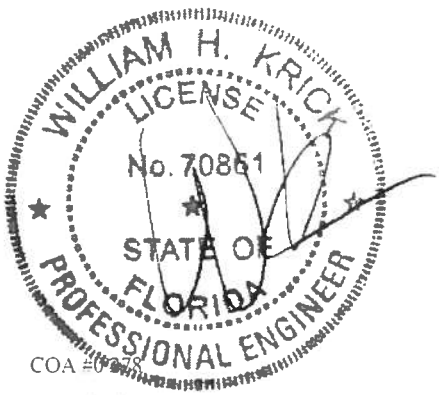
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information.

The overall height of this truss excluding overhangs is 1-0-11.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC.
Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



COA #0278

07/22/2019

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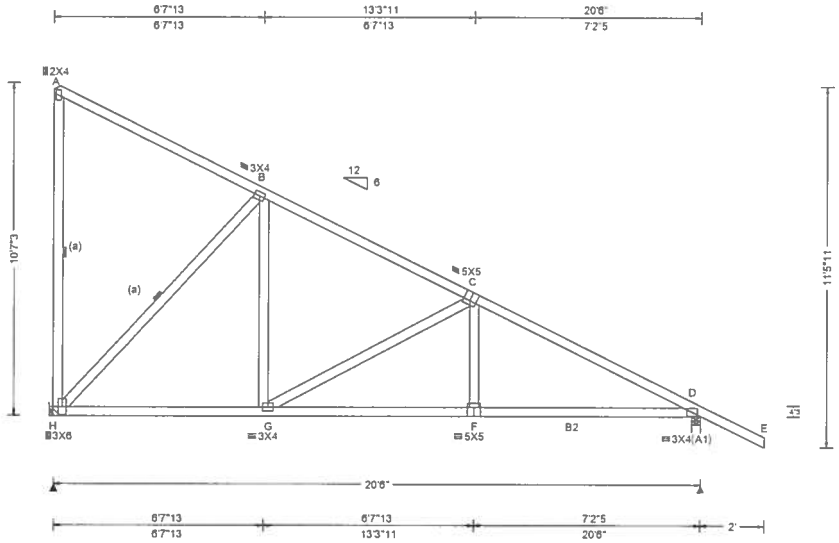
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557734 / COMN FROM: CDM	Ply: 1 Qty: 6	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** K01	Cust: R215 JRef: 1WMX2150005 T61 DrwNo: 200.19.1534.27916 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.034	F	999	240
VERT(CL): 0.064	F	999	180
HORZ(LL): 0.023	A	-	-
HORZ(TL): 0.043	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.311
Max BC CSI: 0.638
Max Web CSI: 0.613

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	889	/-	/-	/553	/211	/319
D	990	/-	/-	/586	/108	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	98	-797	C - D	217	-1347

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	619	0	F - D	1126	-45
G - F	1124	-45			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - B	464	-904	G - C	308	-561
B - G	532	-126			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

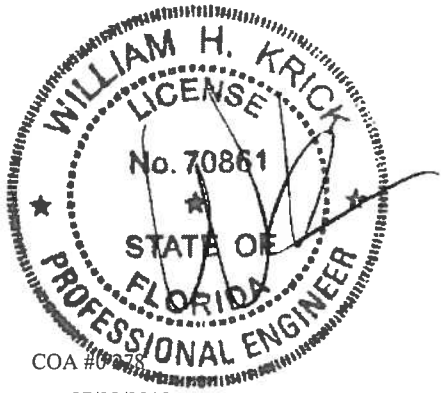
Wind loads based on MWFRS with additional C&C member design.

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 10-5-15.



COA #[illegible]78

07/22/2019

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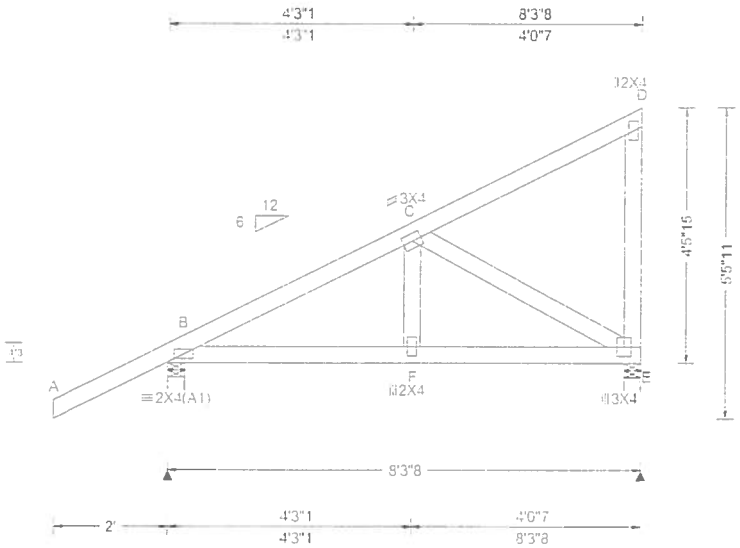
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557736 / MONO FROM: CDM	Ply 1 Qty 9	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** L01		Cust: R 215 JRef: 1WMX2150005 T65 DrwNo: 200 19.1534.28150 YK / WHK 07/19/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 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	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 F 999 240 VERT(CL): 0.012 F 999 180 HORZ(LL): 0.002 E - - HORZ(TL): 0.004 E - - Creep Factor: 2.0 Max TC CSI: 0.337 Max BC CSI: 0.212 Max Web CSI: 0.144 VIEW Ver: 18.02.01B.0321.08	Gravity / Non-Gravity Loc R+ / R- / Rh / R-w / U / RL B 485 /- /- /336 /69 /147 E 308 /- /- /207 /82 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 E Brg Width = 3.5 Min Req = 1.5 Bearings B & E are a rigid surface. Members not listed have forces less than 375# **Maximum Top Chord Forces Per Ply (lbs)** Chords Tens. Comp. B - C 22 -411

Lumber

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

Wind

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

Right end vertical not exposed to wind pressure

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 4-5-15.

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

COA #[illegible]

07/22/2019

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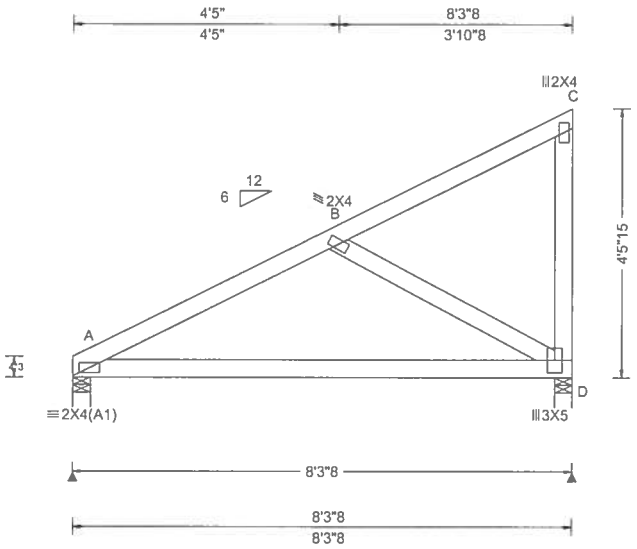
ALPINE
A ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557738 / MONO FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** L02	Cust: R 215 JRef: 1WMX2150005 T35 DrwNo: 200.19.1534.28322 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.010	D	999	240
VERT(CL): 0.031	D	999	180
HORZ(LL): 0.006	D	-	-
HORZ(TL): 0.017	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.351
Max BC CSI: 0.618
Max Web CSI: 0.137

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

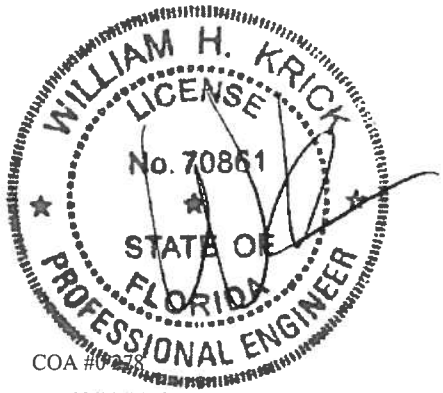
	Gravity		Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	338	/-	/-	/216	/-	/79
D	326	/-	/-	/223	/39	/-

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

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

Wind
Wind loads based on MWFRS with additional C&C member design.
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 4-5-15.



COA #0[illegible]
07/22/2019

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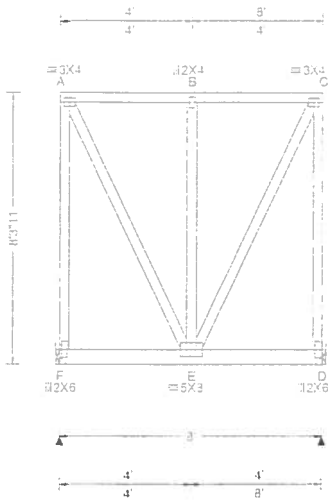
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 558238 FLAT FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** M01	Cust: R215 JRef: 1WMX2150005 T52 DrwNo: 200 19 1538 05277 YK / WHK 07/19/2019

2 Complete Trusses Required



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 17.31 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.013	B	999	240
VERT(CL): 0.026	B	999	180
HORZ(LL): 0.001	A	-	-
HORZ(TL): 0.002	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.122
Max BC CSI: 0.246
Max Web CSI: 0.408

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	1892	/-	/-	/-	/439	/-
D	1943	/-	/-	/-	/450	/-

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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	172	- 701	E - C	730	- 167
A - E	730	- 167	C - D	172	- 701

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 @ 3.75" 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 60 plf at 0.00 to 60 plf at 8.00
BC: From 10 plf at 0.00 to 10 plf at 8.00
BC: 819 lb Conc. Load at 1.94, 2.77, 4.77, 6.77

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind

Wind loads and reactions based on MWFRS.
End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 8-3-11

COA #0278
07 22 2019

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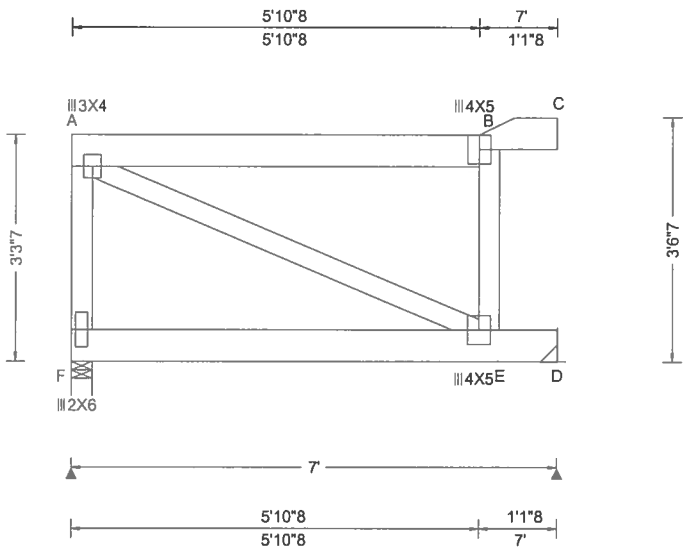
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557764 / EJAC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** M02	Cust: R 215 JRef: 1WMX2150005 T63 DrwNo: 200.19.1534.27931 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.041	B	999	240
VERT(CL): 0.092	C	917	180
HORZ(LL): 0.020	B	-	-
HORZ(TL): 0.042	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.131
Max BC CSI: 0.541
Max Web CSI: 0.184

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	703	/-	/-	/590	/135	/-
D	583	/-	/-	/489	/106	/-

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

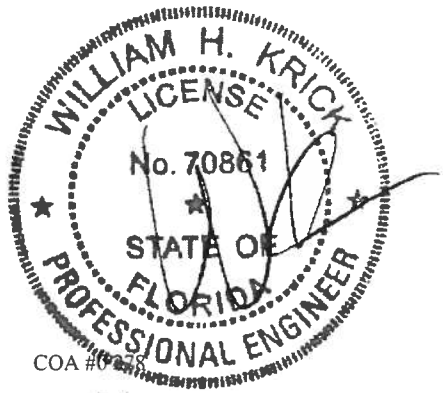
Lumber
Top chord 2x6 SP 2400f-2.0E
Bot chord 2x6 SP 2400f-2.0E
Webs 2x4 SP #3

Special Loads
——(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 60 plf at 0.00 to 60 plf at 5.88
TC: From 60 plf at 6.37 to 60 plf at 7.00
BC: From 20 plf at 0.00 to 20 plf at 7.00
BC: 256 lb Conc. Load at 1.06
BC: 250 lb Conc. Load at 3.06, 5.06

Purlins
The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind
Wind loads based on MWFRS with additional C&C member design.
Left end vertical not exposed to wind pressure.

Additional Notes
Refer to General Notes for additional information
Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 3-6-7.



COA #[illegible]78
07/22/2019

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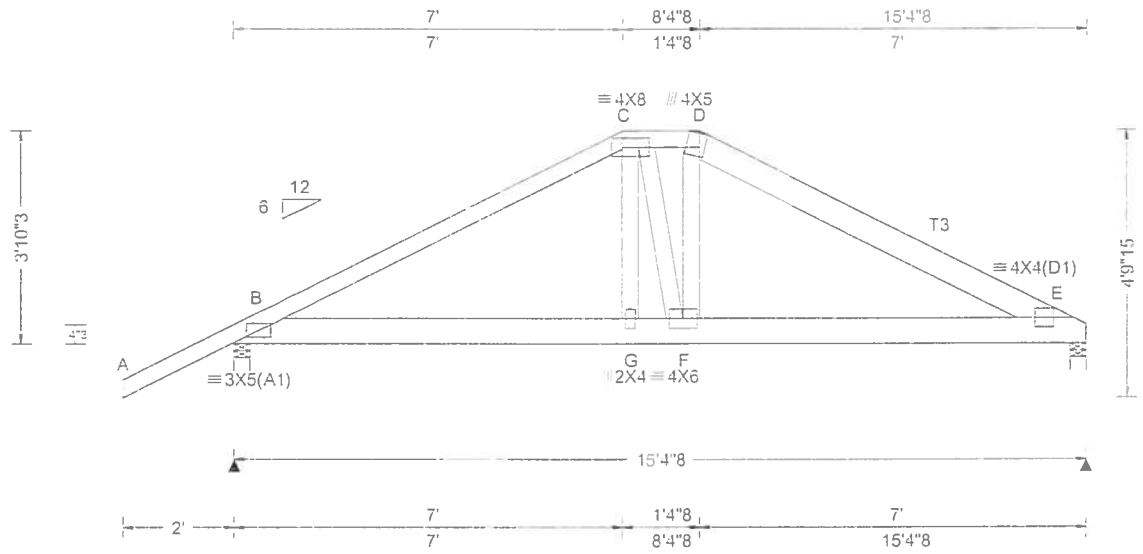
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN 557767 / HIPS	Ply 1	**Job Number:** 19-3333		Cust: R 215 JRef 1WMX2150005 T60
FROM CDM	Qty 1	/WESLEY & LISA HUNTER RES /Plumb Level Construction		DrwNo 200 19 1534 29008
		Truss Label: N01		YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 144.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.037	G	999	240
VERT(CL): 0.073	G	999	180
HORZ(LL): 0.011	F	-	-
HORZ(TL): 0.023	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.588
Max BC CSI: 0.310
Max Web CSI: 0.265

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1334	/-	/-	/-	/293	/-
E	1219	/-	/-	/-	/238	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	439	-2125	D - E	438	-2156
C - D	371	-1926			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens.	Comp
B - G	1824	-359	F - E	1866	-362
G - F	1837	-359			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
F - D	696	-110

Lumber

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

Special Loads

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

TC:	From	60 plf at	-2.00 to	60 plf at	7.00
TC:	From	30 plf at	7.00 to	30 plf at	8.94
TC:	From	60 plf at	8.94 to	60 plf at	15.38
BC:	From	4 plf at	-2.00 to	4 plf at	0.00
BC:	From	20 plf at	0.00 to	20 plf at	7.03
BC:	From	10 plf at	7.03 to	10 plf at	8.94
BC:	From	20 plf at	8.94 to	20 plf at	15.38

TC: 155 lb Conc. Load at 7.03
BC: 534 lb Conc. Load at 7.03
BC: 583 lb Conc. Load at 8.94

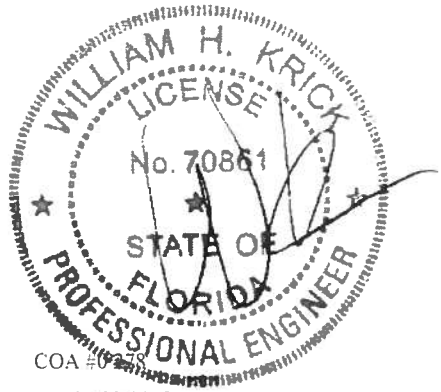
Wind

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 3-10-3.



COA #0778

07/22/2019

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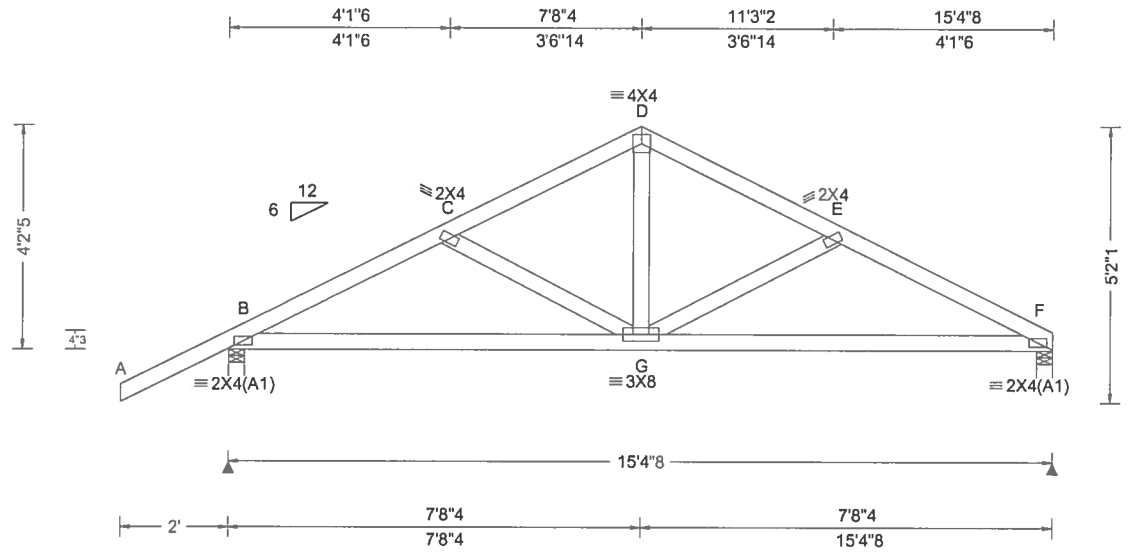
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557769 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** N02	Cust: R215 JRef: 1WMX2150005 T28 DrwNo: 200.19.1534.28183 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	G	999	240
VERT(CL): 0.045	G	999	180
HORZ(LL): 0.010	G	-	-
HORZ(TL): 0.019	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.352
Max BC CSI: 0.580
Max Web CSI: 0.163

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	754	/-	/-	/459	/29	/129
F	605	/-	/-	/347	/4	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	270	-939	D - E	238	-727
C - D	220	-724	E - F	293	-967

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	792	-197	G - F	829	-206

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - G	428	-98

Lumber

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

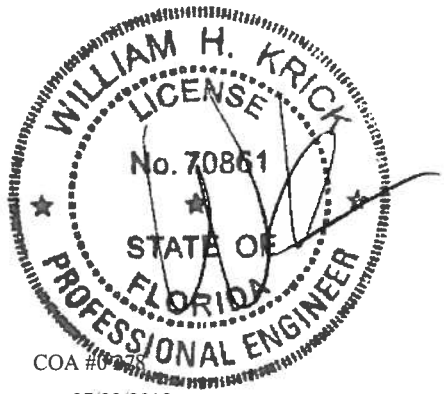
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 4-2-5.



COA #0775

07/22/2019

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

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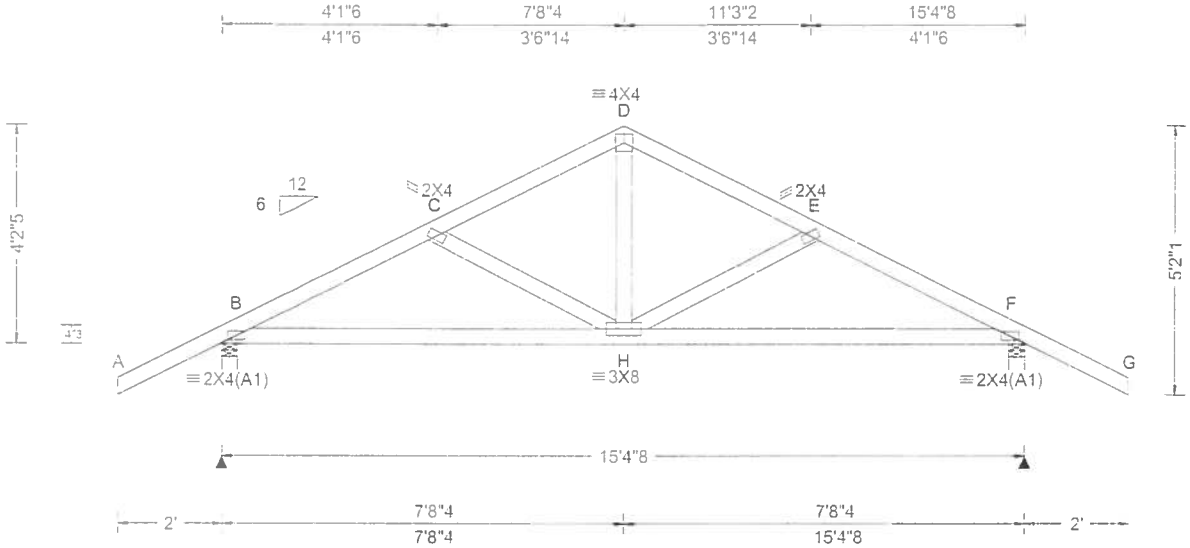
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing,any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses**A seal on this drawing or cover page listing this drawing,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

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

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

SEQN: 557798 / COMN	Ply: 1	Job Number: 19-3333		Cust: R215 JRef:1WMX2150005 T29
FROM: CDM	Qty: 3	WESLEY & LISA HUNTER RES /Plumb Level Construction		DrwNo. 200.19.1534.28665
		Truss Label: N03		YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	H	999	240
VERT(CL): 0.045	H	999	180
HORZ(LL): 0.010	H	-	-
HORZ(TL): 0.018	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.351
Max BC CSI: 0.564
Max Web CSI: 0.159

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	744	/-	/-	/460	/27	/148
F	744	/-	/-	/460	/27	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	229	-916	D - E	190	-700
C - D	189	-700	E - F	228	-916

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	771	-94	H - F	771	-130

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - H	416	-45

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 4-2-5.

COA #0778

07/22/2019

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

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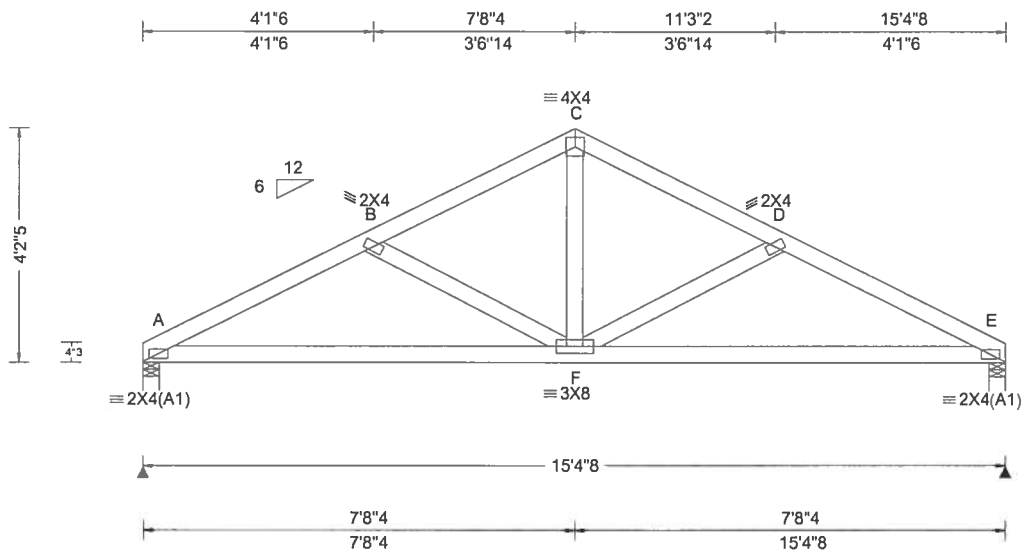
For more information see this job's general notes page and these web sites: ALPINE www.alpineitw.com; TPI www.tpinst.org; SBCA www.sbcindustry.com; ICC www.iccsafe.org

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

SEQN: 557771 / COMN FROM: CDM	Ply: 1 Qty: 2	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** N04	Cust: R 215 JRef: 1WMX2150005 T30 DrwNo: 200.19.1534.28230 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.022	F	999	240
VERT(CL): 0.044	F	999	180
HORZ(LL): 0.010	F	-	-
HORZ(TL): 0.020	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.173
Max BC CSI: 0.589
Max Web CSI: 0.167

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	615	/-	/-	/346	/9	/97
E	615	/-	/-	/346	/9	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	302	-990	C - D	247	-751
B - C	247	-751	D - E	302	-990

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	850	-218	F - E	850	-219

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - F	439	-109

Lumber

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

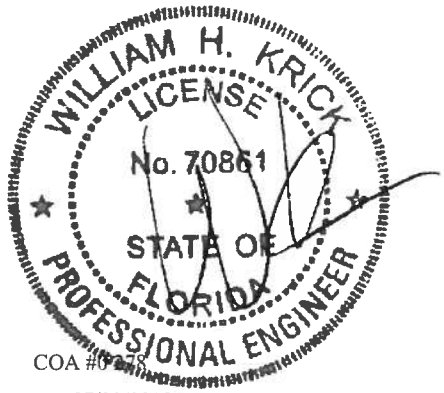
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 4-2-5.



COA #[illegible]

07/22/2019

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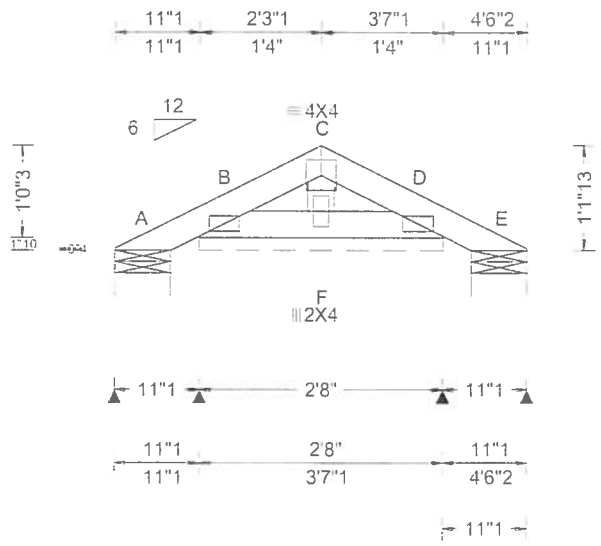
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557773 / COMN FROM: CDM	Ply: 1 Qty: 9	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** P01	Cust: R215 JRef: 1WMX2150005 T34 DrwNo: 200 19 1534 28025 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.012
Max BC CSI: 0.012
Max Web CSI: 0.008

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	25 /-	/-	/17	/2	/25
B*	99 /-	/-	/46	/-	/-
E	25 /-	/-	/15	/0	/-

Wind reactions based on MWFRS
A Brg Width = 7.3 Min Req = 1.5
B Brg Width = 32.0 Min Req = -
E Brg Width = 7.3 Min Req = 1.5
Bearings A, B, & E are a rigid surface.
Members not listed have forces less than 375#

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

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

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

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

Additional Notes
Refer to General Notes for additional information
Refer to DWG PB160101014 for piggyback details
The overall height of this truss excluding overhang is 1-1-13

COA #0278
07/22/2019

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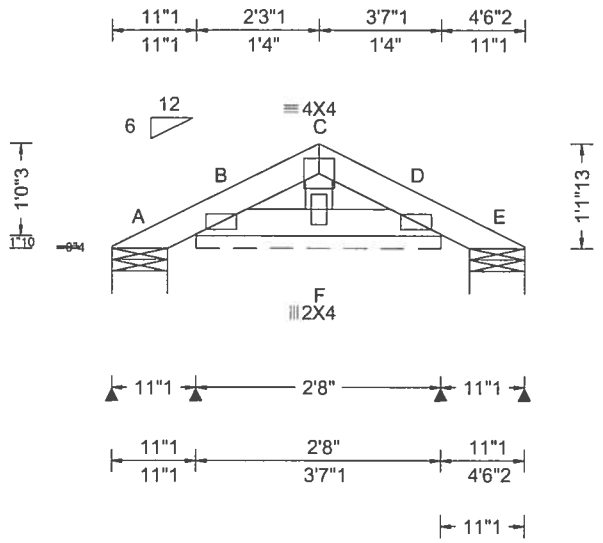
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 558242 SPEC FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** P02		Cust: R215 JRef: 1WMX2150005 T22 DrwNo: 200.19.1538.13903 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 1.2 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

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

Creep Factor: 2.0
Max TC CSI: 0.011
Max BC CSI: 0.010
Max Web CSI: 0.008

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	20	/-	/-	/20	/9	/25
B*	80	/-	/-	/54	/25	/-
E	20	/-	/-	/18	/9	/-

Wind reactions based on MWFRS
A Brg Width = 7.3 Min Req = 1.5
B Brg Width = 32.0 Min Req = -
E Brg Width = 7.3 Min Req = 1.5
Bearings A, B, & E are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

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

Wind

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

Additional Notes

Refer to General Notes for additional information

Refer to DWG PB160101014 for piggyback details.

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

COA #[illegible]

07/22/2019

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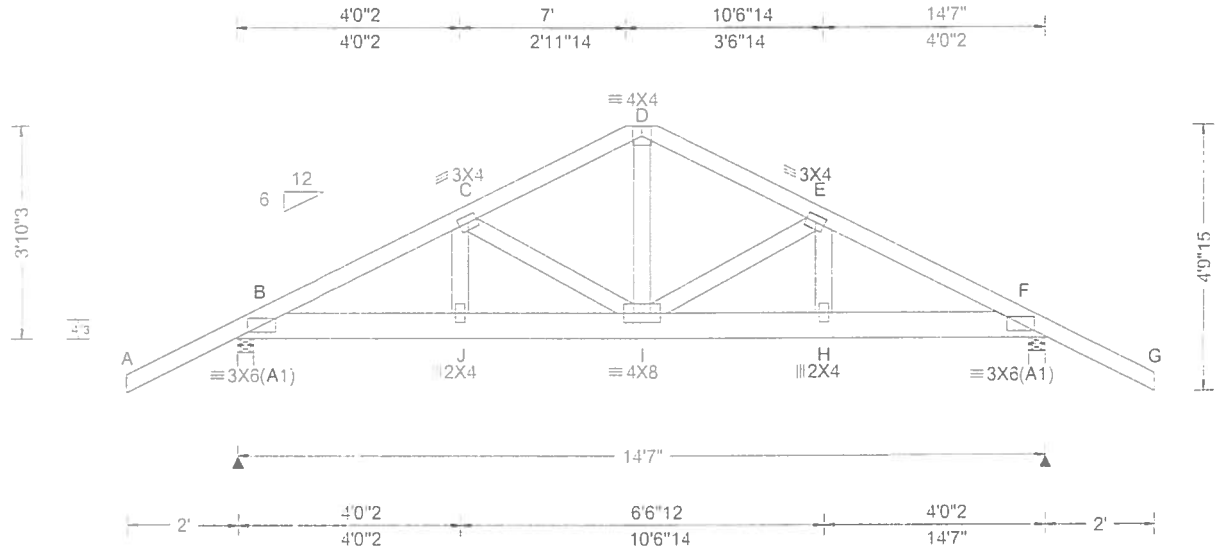
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557576 / HIPS FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** Q01	Cust: R215 JRef: 1WMX2150005 T8 DrwNo: 200 19 1534 29165 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.047	I	999	240
VERT(CL): 0.092	I	999	180
HORZ(LL): 0.011	H	-	-
HORZ(TL): 0.021	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.419
Max BC CSI: 0.167
Max Web CSI: 0.442

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1379	/-	/-	/-	/330	/-
F	1379	/-	/-	/-	/330	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp
B - C	514	-2293	D - E	490	-2106
C - D	490	-2106	E - F	514	-2293

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens	Comp
B - J	2010	-442	I - H	2010	-445
J - I	2010	-445	H - F	2010	-442

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - I	1160	-182

Lumber

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

Special Loads

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

TC: From	60 plf at	-2.00 to	60 plf at	16.58
BC: From	4 plf at	-2.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	7.55
BC: From	20 plf at	7.55 to	20 plf at	14.58
BC: From	4 plf at	14.58 to	4 plf at	16.58

TC: 249 lb Conc Load at 7.03, 7.55
BC: 420 lb Conc Load at 7.03, 7.55

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 3-10-3.

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
COA #[illegible]

07/22/2019

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

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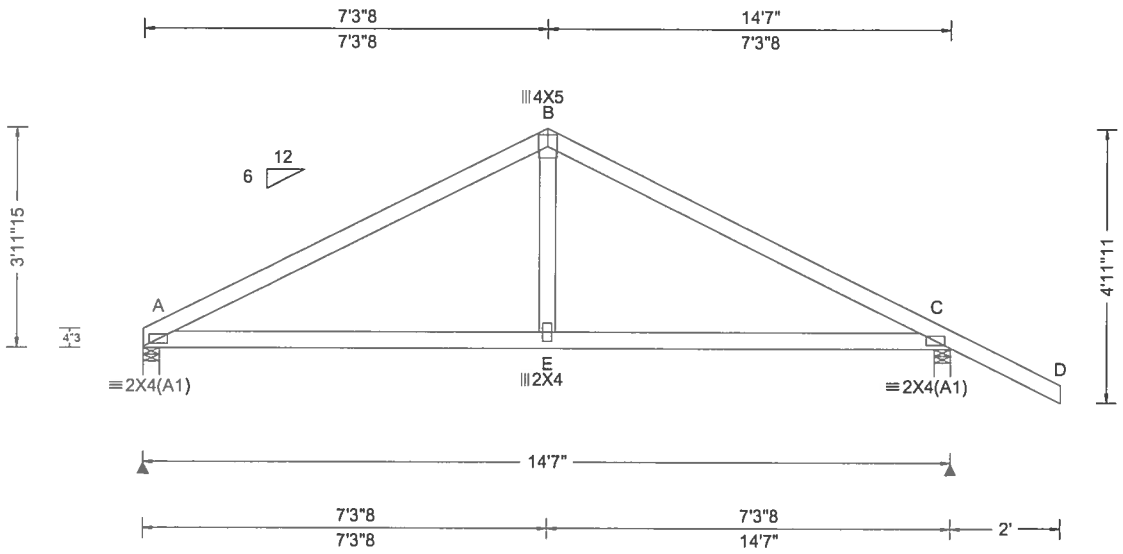
For more information see this job's general notes page and these web sites. ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557578 / COMN FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** Q02	Cust: R 215 JRef: 1WMX2150005 T6 DrwNo: 200 19.1534.29195 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.015	E	999	240
VERT(CL): 0.030	E	999	180
HORZ(LL): 0.009	E	-	-
HORZ(TL): 0.019	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.528
Max BC CSI: 0.562
Max Web CSI: 0.124

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	573	/-	/-	/329	/97	/124
C	723	/-	/-	/442	/140	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.5
C Brg Width = 3.5 Min Req = 1.5
Bearings A & C 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	245	-796	B - C	230	-800

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	640	-99	E - C	640	-99

Lumber

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

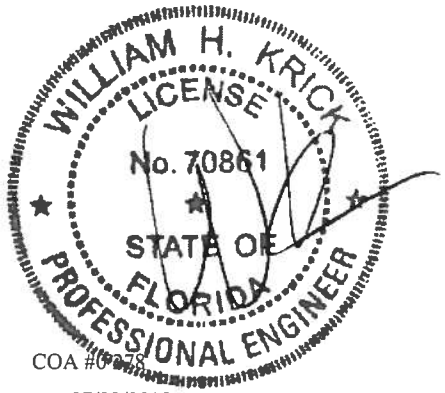
Wind

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

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 3-11-15.



COA #0278

07/22/2019

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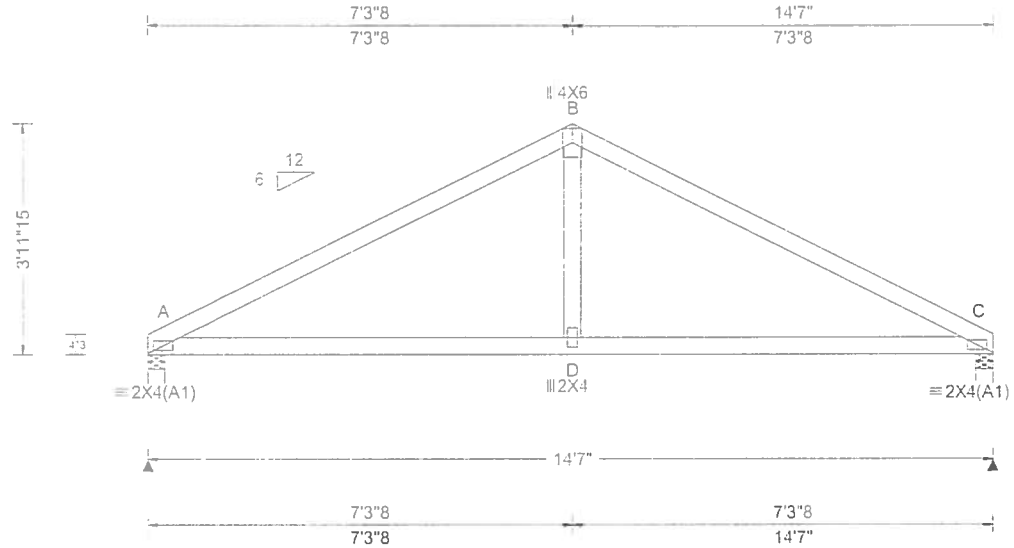
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557580 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** Q03	Cust. R 215 JRef: 1WMX2150005 T7 DrwNo: 200 19 1534.27994 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL) 0.014	D	999	240
VERT(CL) 0.028	D	999	180
HORZ(LL) 0.009	D	-	-
HORZ(TL) 0.017	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.544
Max BC CSI: 0.574
Max Web CSI: 0.126

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	583	/-	/-	/328	/9	/92
C	583	/-	/-	/328	/9	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.5
C Brg Width = 3.5 Min Req = 1.5
Bearings A & C 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	257	-827	B - C	257	-827

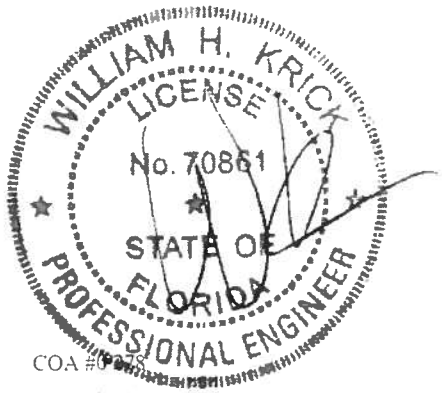
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	670	-141	D - C	670	-141

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

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

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 3-11-15.



COA #[illegible]
07/22/2019

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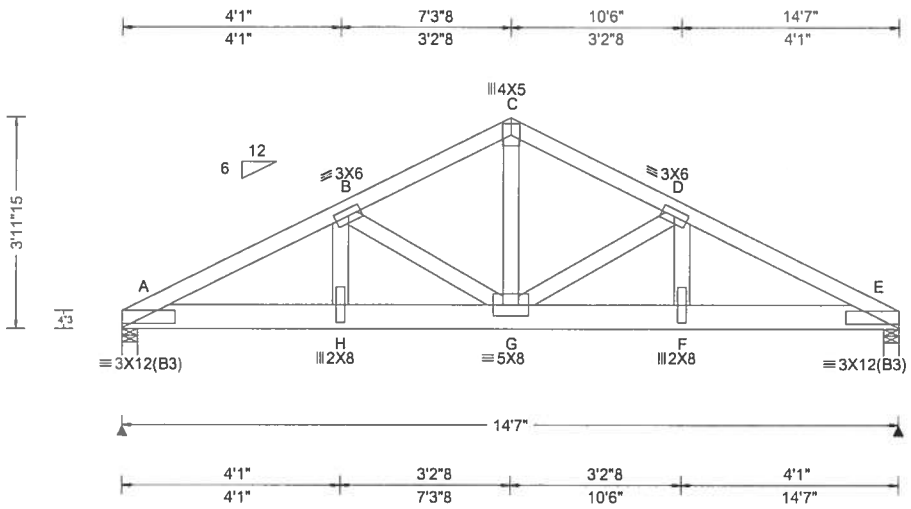
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557653 / COMN FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** Q04	Cust: R 215 JRef: 1WMX2150005 T47 DrwNo: 200.19.1534.29213 YK / WHK 07/19/2019

2 Complete Trusses Required



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.075	G	999	240
VERT(CL): 0.149	G	999	180
HORZ(LL): 0.018	F	-	-
HORZ(TL): 0.037	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.456
Max BC CSI: 0.474
Max Web CSI: 0.901

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	5287 /-	/-	/-	/742	/-
E	4235 /-	/-	/-	/790	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 2.2
E Brg Width = 3.5 Min Req = 1.8
Bearings A & E are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	679	-3949	C - D	512	-2759
B - C	516	-2772	D - E	720	-3862

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	3519	-599	G - F	3405	-633
H - G	3476	-594	F - E	3447	-641

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - B	1082	-124	G - D	214	-1121
B - G	167	-1206	D - F	1066	-189
C - G	2366	-413			

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: 2 Rows @ 5.00" 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 60 plf at 0.00 to 60 plf at 7.29
TC: From 30 plf at 7.29 to 30 plf at 14.58
BC: From 10 plf at 0.00 to 10 plf at 14.58
BC: 1248 lb Conc. Load at 0.52, 2.52, 4.52, 8.52 10.52,12.52
BC: 1230 lb Conc. Load at 6.52

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 3-11-15.

COA #0[illegible]

07/22/2019

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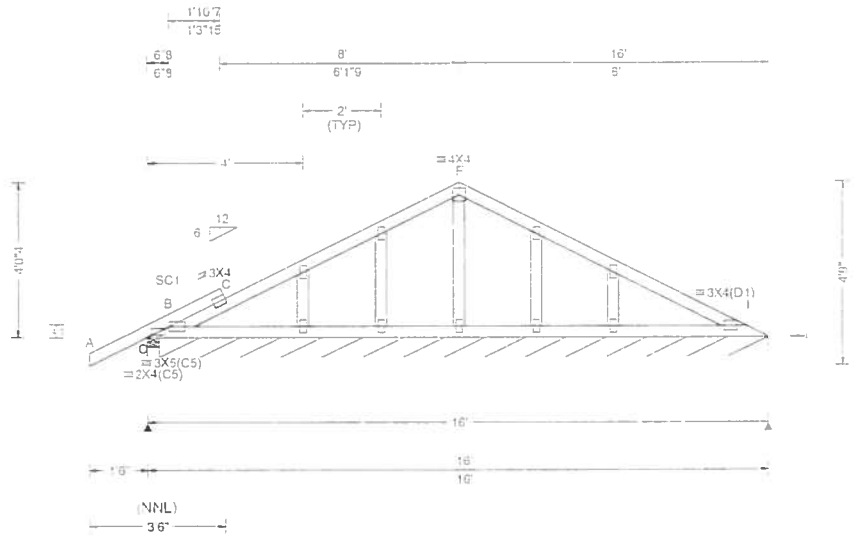
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557658 / GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** R01	Cust: R215 JRef: 1WMX2150005 T14 DrwNo: 200.19.1534.29212 YK / WHK 07/19/2019	



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.007 J	999	240
VERT(CL):	0.014 J	999	180
HORZ(LL):	-0.003 J	-	-
HORZ(TL):	0.005 J	-	-

Creep Factor: 2.0
Max TC CSI: 0.219
Max BC CSI: 0.108
Max Web CSI: 0.054

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	255	/-	/-	/172	/45	/119
I	71	/-	/-	/37	/12	/-

Wind reactions based on MWFRS
O Brg Width = 3.5 Min Req = 1.5
I Brg Width = 188 Min Req = -
Bearings O & O are a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

Additional Notes

Refer to General Notes for additional information

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 4-0-4.

COA #[illegible]278

07/22/2019

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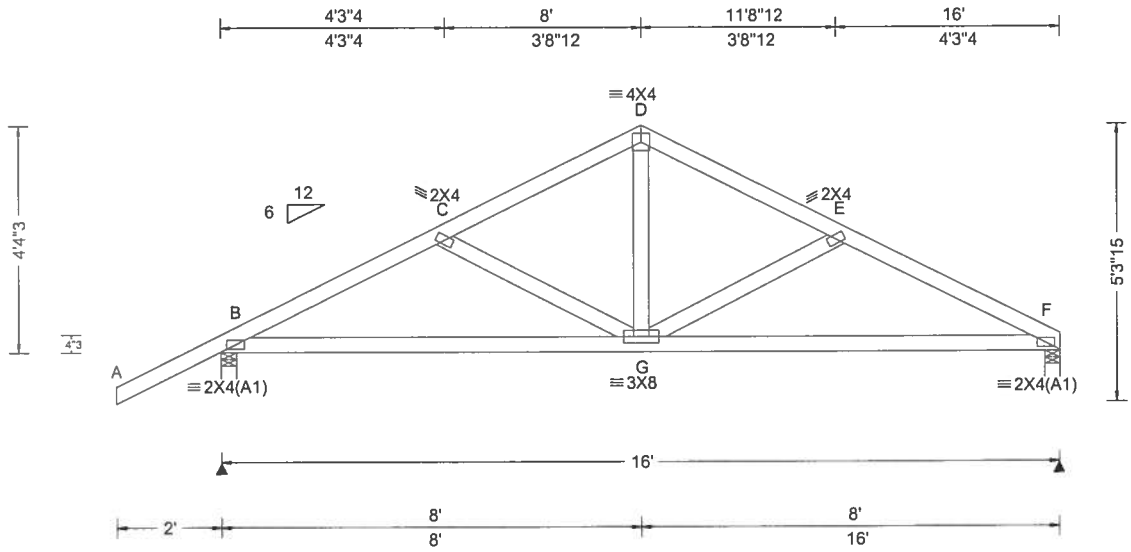
ALPINE
A MiTek COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557663 / COMN FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** R02	Cust: R 215 JRef: 1WMX2150005 T4 DrwNo: 200.19.1534.29087 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.025	G	999	240
VERT(CL): 0.048	G	999	180
HORZ(LL): 0.011	G	-	-
HORZ(TL): 0.021	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.386
Max BC CSI: 0.630
Max Web CSI: 0.171

VIEW Ver: 18.02.01B.0321.08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	778	/-	/-	/473	/150	/133
F	631	/-	/-	/326	/108	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	530	-985	D - E	457	-760
C - D	425	-757	E - F	572	-1012

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	832	-408	G - F	869	-423

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - G	448	-199

Lumber

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

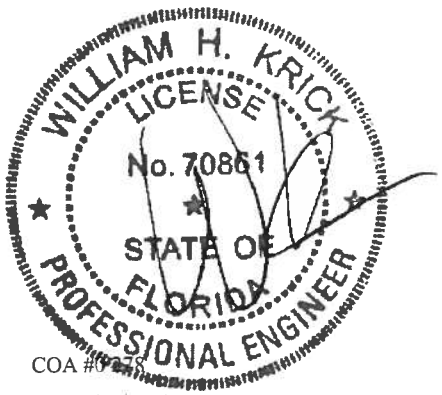
Wind

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

Additional Notes

Refer to General Notes for additional information

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



COA #0[illegible]78

07/22/2019

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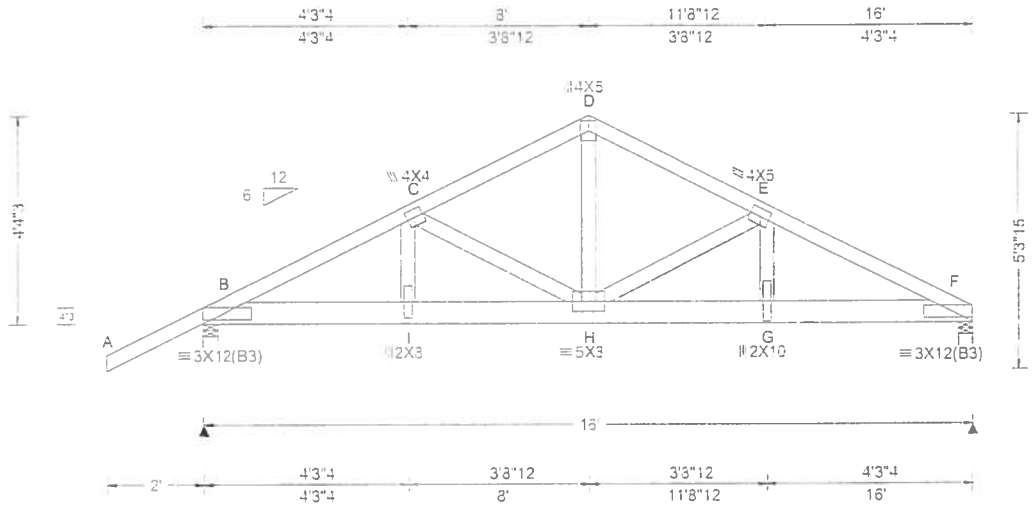
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

SEQN: 557655 / COMN FROM: CDM	Ply: 2 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** R03	Cust: R215 JRef: 1WMX2150005 T48 DrwNo: 200.19 1534.29226 YK / WHK 07/19/2019	

2 Complete Trusses Required



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.090	H	999	240
VERT(CL): 0.179	H	999	180
HORZ(LL): 0.022	G	-	-
HORZ(TL): 0.044	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.529
Max BC CSI: 0.513
Max Web CSI: 0.982

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	4614	/-	/-	/-	/1454	/-
F	5725	/-	/-	/-	/871	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.9
F Brg Width = 3.5 Min Req = 2.4
Bearings B & F are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	979	-4161	D - E	624	-3026
C - D	619	-3009	E - F	822	-4389

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - I	3706	-874	H - G	3867	-721
I - H	3667	-862	G - F	3912	-726

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - C	1048	-312	H - E	199	-1365
C - H	362	-1133	E - G	1185	-144
D - H	2577	-509			

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: 2 Rows @ 5.00" 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	60 plf at	-2.00 to	60 plf at	1.54
TC: From	30 plf at	1.54 to	30 plf at	8.00
TC: From	60 plf at	8.00 to	60 plf at	16.00
BC: From	4 plf at	-2.00 to	4 plf at	0.00
BC: From	10 plf at	0.00 to	10 plf at	16.00

BC: 564 lb Conc. Load at 1.54
BC: 1248 lb Conc. Load at 3.48, 5.48, 7.48,11.48 13.48,15.48
BC: 1230 lb Conc. Load at 9.48

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 4-4-3.

COA #[illegible]78

07/22/2019

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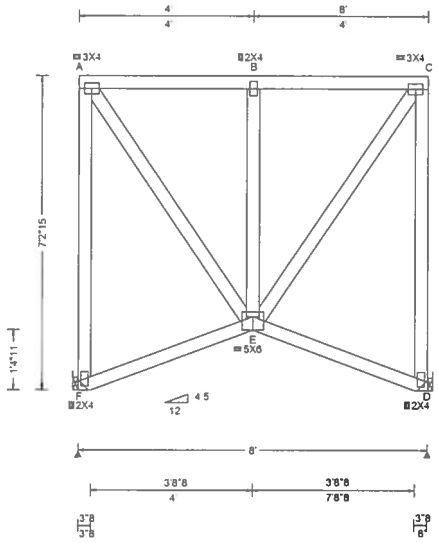
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557696 / MONO FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** S01	Cust: R 215 JRef: 1WMX2150005 T42 DrwNo: 200 19.1534.28151 YK / WHK 07/19/2019



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

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.24 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.005	B	999	240
VERT(CL): 0.011	B	999	180
HORZ(LL): 0.003	D	-	-
HORZ(TL): 0.006	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.256
Max BC CSI: 0.139
Max Web CSI: 0.276

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	320	/-	/-	/156	/67	/-
D	320	/-	/-	/156	/67	/-

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

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

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

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 7-2-15.

COA #0[illegible]78
07/22/2019

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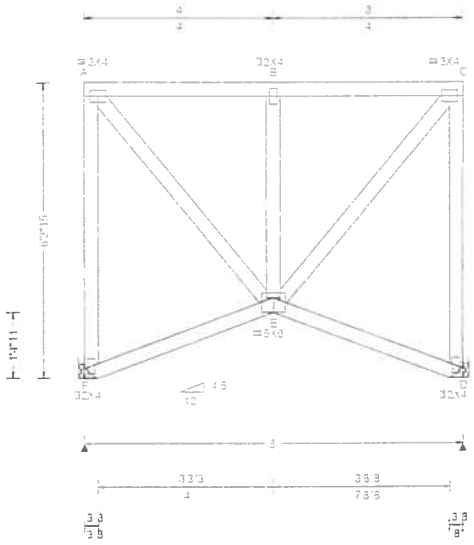
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557694 / MONO FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** S02	Cust: R 215 JRef: 1WMX2150005 T40 DrwNo: 200 19 1534.28930 YK / WHK 07/19/2019



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 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.010 B 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): 0.006 D - -
NCBCLL: 10.00	Mean Height: 15.24 ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.256
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.139
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.204
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 18.02.01B.0321.08
	Wind Duration: 1.60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	320	/-	/-	/156	/61	/-
D	320	/-	/-	/156	/61	/-

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

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 6-2-15

COA #0278

07/22/2019

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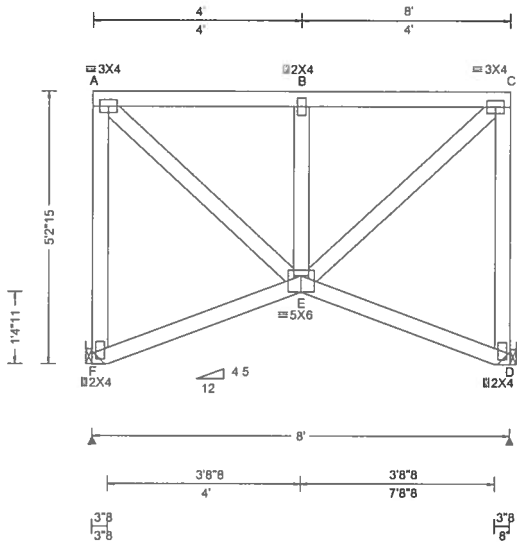
ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557692 / MONO FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** S03	Cust: R 215 JRef: 1WMX2150005 T20 DrwNo: 200.19.1534.27870 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.005	B	999	240
VERT(CL): 0.010	B	999	180
HORZ(LL): 0.003	D	-	-
HORZ(TL): 0.006	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.255
Max BC CSI: 0.138
Max Web CSI: 0.145

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	320	/-	/-	/156	/60	/-
D	320	/-	/-	/156	/60	/-

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

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

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

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 5-2-15.

COA #6478
07/22/2019

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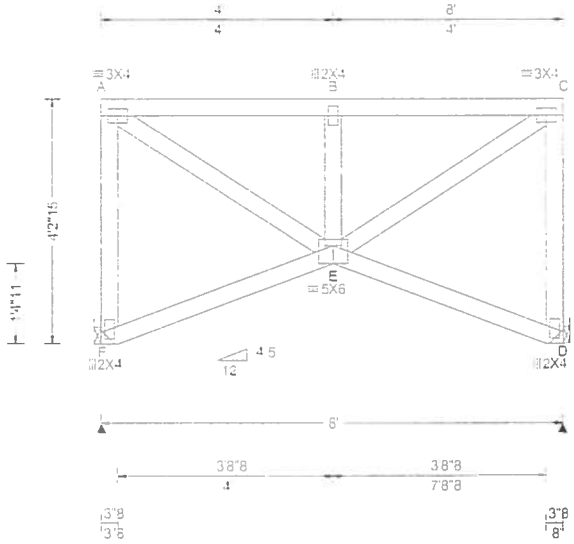
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557690 / MONO FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES /Plumb Level Construction **Truss Label:** S04	Cust: R 215 JRef 1WMX2150005 T41 DrwNo: 200 19 1534 28854 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	B	999	240
VERT(CL): 0.012	B	999	180
HORZ(LL): 0.004	D	-	-
HORZ(TL): 0.008	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.251
Max BC CSI: 0.136
Max Web CSI: 0.137

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	320	/-	/-	/156	/60	/-
D	320	/-	/-	/156	/60	/-

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

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

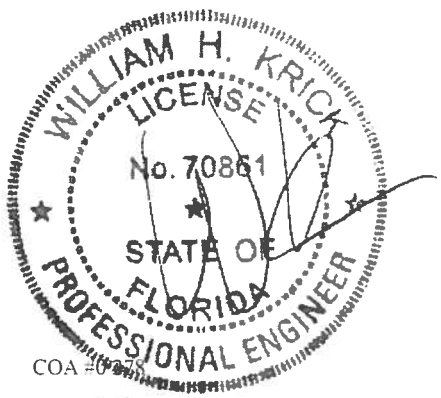
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

The overall height of this truss excluding overhang is 4-2-15.



COA #0778

07/22/2019

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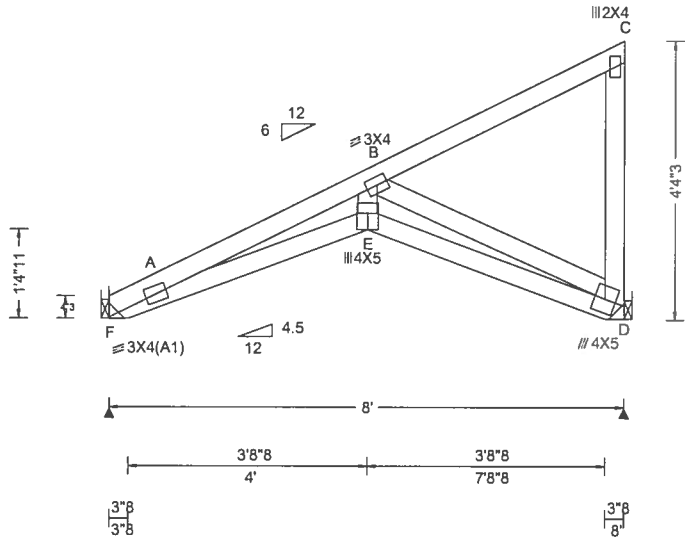
For more information see this job's general notes page and these web sites: ALPINE www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557688 / MONO FROM: CDM	Ply: 1 Qty: 3	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** S05	Cust: R 215 JRef: 1WMX2150005 T26 DrwNo: 200.19.1534.28618 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL):	0.046	E	999	240
VERT(CL):	0.091	E	999	180
HORZ(LL):	0.040	D	-	-
HORZ(TL):	0.081	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.278
Max BC CSI: 0.340
Max Web CSI: 0.362

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	325	/-	/-	/201	/25	/114
D	315	/-	/-	/208	/84	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	763	-1087

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	1018	-907	E - D	929	-830

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
E - B	736	-595	B - D	891	-983

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

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

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical not exposed to wind pressure.

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 4-4-3.

COA #[illegible]78
07/22/2019

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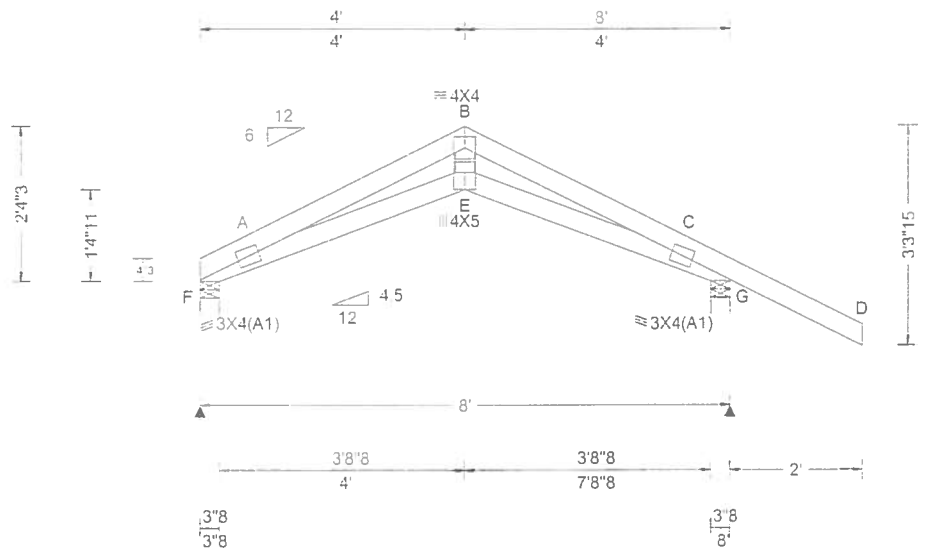
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557686 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** S06	Cust: R215 JRef: 1WMX2150005 T15 DrwNo. 200 19 1534 28213 YK / WHK 07/19/2019



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.038	E	999	240
VERT(CL): 0.073	E	999	180
HORZ(LL): 0.033	E	-	-
HORZ(TL): 0.063	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.528
Max BC CSI: 0.307
Max Web CSI: 0.225

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	301	/-	/-	/174	/47	/82
G	468	/-	/-	/294	/95	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	539	-866	B - C	532	-873

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	806	-344	E - C	798	-337

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - E	590	-258

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

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

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 2-4-3.

COA #0278
07/22/2019

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

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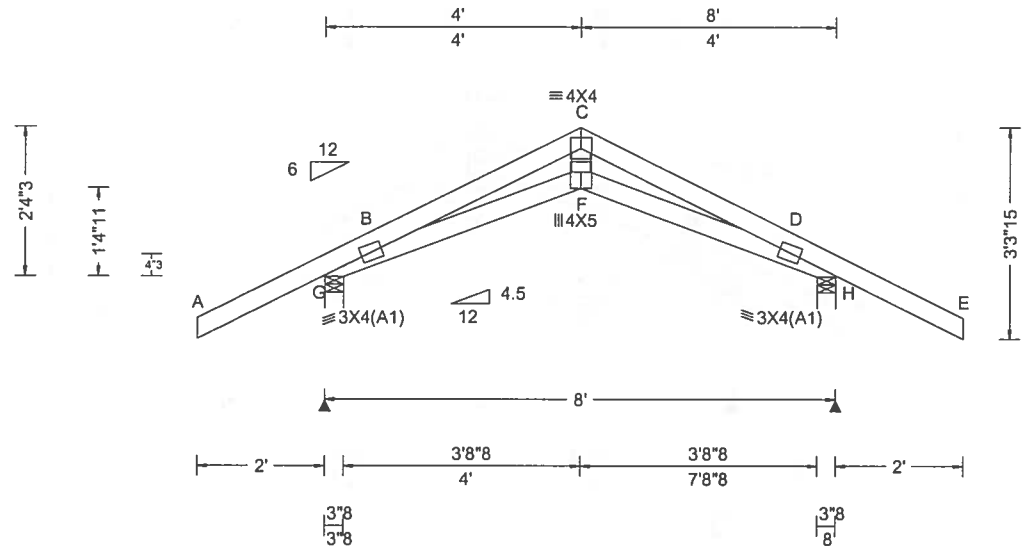
ALPINE
ITW BCG COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557684 / COMN FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** S07	Cust: R 215 JRef: 1WMX2150005 T17 DrwNo: 200.19.1534.28384 YK / WHK 07/19/2019



Loading Criteria (psf)

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

Load Duration: 1.25
Spacing: 24.0 "

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.035	F	999	240
VERT(CL): 0.065	F	999	180
HORZ(LL): 0.030	F	-	-
HORZ(TL): 0.056	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.528
Max BC CSI: 0.248
Max Web CSI: 0.193

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	449	/-	/-	/295	/89	/102
H	449	/-	/-	/295	/89	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	123	-725	C - D	89	-725

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	658	-113	F - D	658	-115

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - F	508	-70

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

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

Additional Notes
Refer to General Notes for additional information
The overall height of this truss excluding overhang is 2-4-3.

COA #0278
07/22/2019

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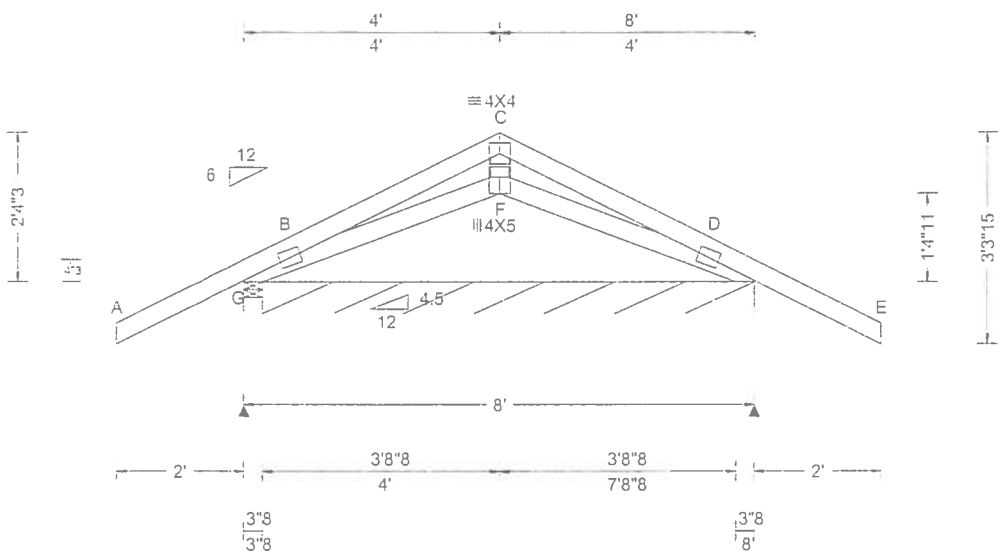
ALPINE
An ITW Company
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 557682 / GABL FROM: CDM	Ply: 1 Qty: 1	**Job Number:** 19-3333 /WESLEY & LISA HUNTER RES. /Plumb Level Construction **Truss Label:** S08	Cust: R215 JRef: 1WMX2150005 T36 DrwNo: 200 19 1534 28353 YK / WHK 07/19/2019	



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

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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.035	F	999	240
VERT(CL): 0.065	F	999	180
HORZ(LL): 0.030	F	-	-
HORZ(TL): 0.056	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.528
Max BC CSI: 0.248
Max Web CSI: 0.193

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	449	/-	/-	/295	/89	/102
D*	58	/-	/-	/38	/12	/-

Wind reactions based on MWFRS
G Brg Width = 3.5 Min Req = 1.5
D Brg Width = 92.5 Min Req = -
Bearings G & G are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	123	-725	C - D	89	-725

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	658	-113	F - D	658	-115

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - F	508	-70

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

Plating Notes
All plates are 3X4(A1) except as noted.

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

Additional Notes
Refer to General Notes for additional information.
The overall height of this truss excluding overhang is 2-4-3.
See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements

COA #0778
07/22/2019

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ALPINE
6750 Forum Drive
Suite 305
Orlando FL, 32821

Gable Stud Reinforcement Detail

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

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

Max Gable Vertical Length

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

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir	
#1 / #2	Standard
#3	Stud

Hem-Fir	
#2	Stud
#3	Standard

Douglas Fir-Larch
#3
Stud
Standard

Southern Pine***
#3
Stud
Standard

Group B:

Hem-Fir
#1 & Btr
#1

Douglas Fir-Larch
#1
#2

Southern Pine***
#1
#2

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

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

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

Attach 'L' braces with 10d (0.128"x3.0" min) nails.

* For (1) 'L' brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.

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

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

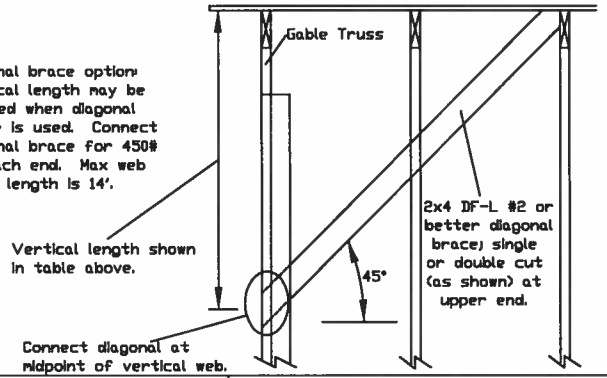
Gable Vertical Plate Sizes

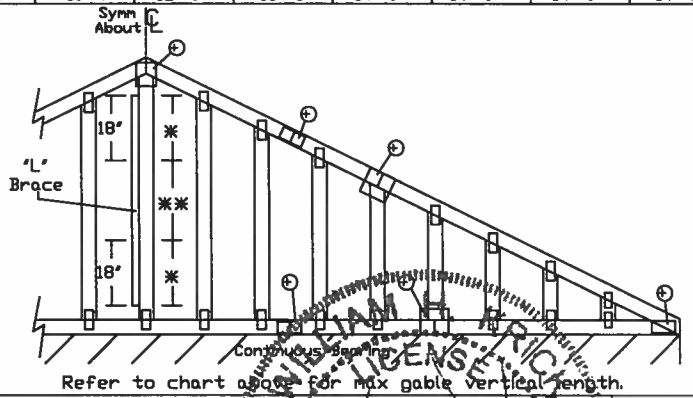
Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0"	3X4

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

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

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





Refer to chart above for max gable vertical length.

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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.org; ICC: www.iccsafe.org

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-10-GAB14015
DATE 10/01/14
DRWG A14015ENC101014

CLR Reinforcing Member Substitution

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

Notes:

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

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

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

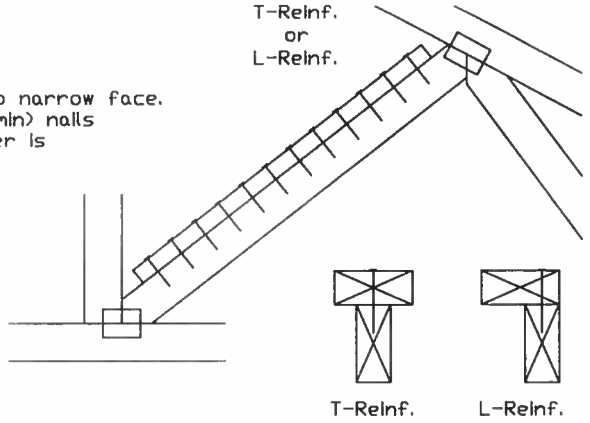
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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

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

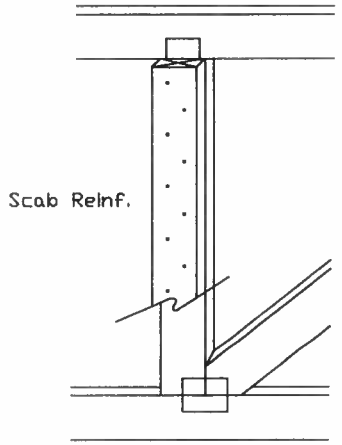
T-Reinforcement or L-Reinforcement:

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



Scab Reinforcement:

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



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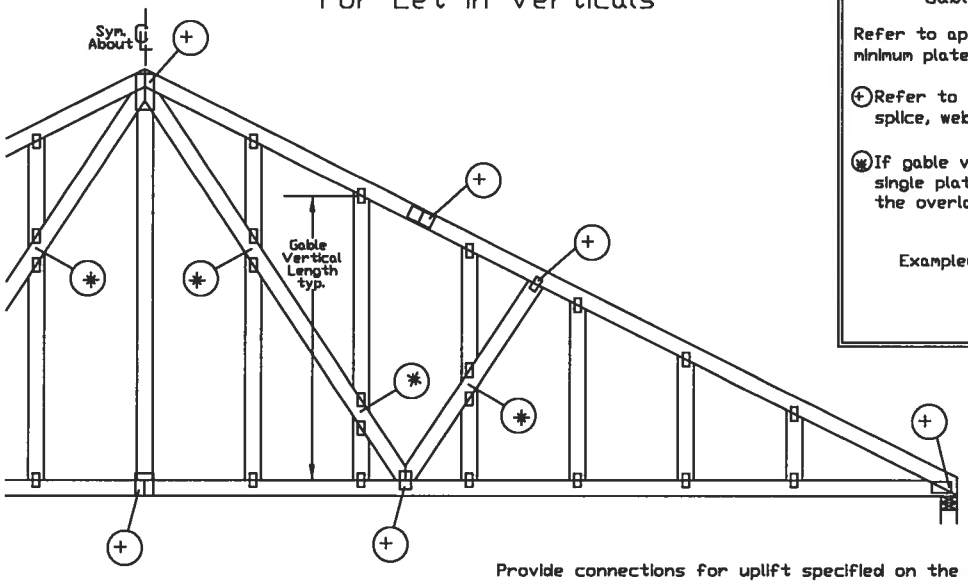
WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER

QA 10278 07/22/2019

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

Gable Detail
For Let-In Verticals



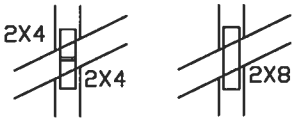
Gable Truss Plate Sizes

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

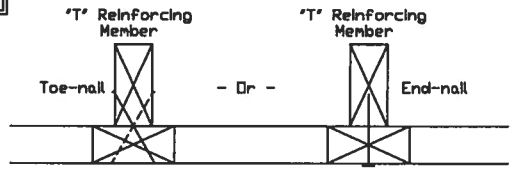
⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

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

Example:



"T" Reinforcement Attachment Detail

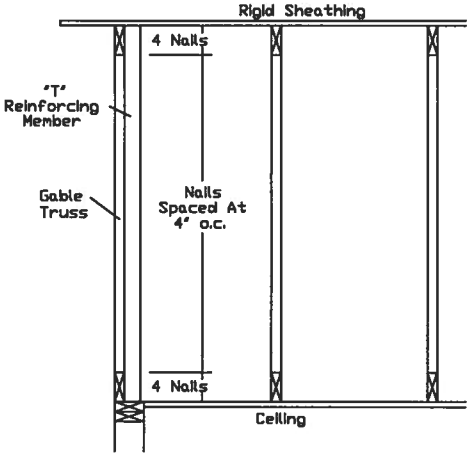


Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:
10d Common (0.148"x 3",min) Nails at 4" o.c. plus
(4) nails in the top and bottom chords.

Toenailed Nails:
10d Common (0.148"x3",min) Toenails at 4" o.c. plus
(4) toenails in the top and bottom chords.



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

ASCE 7-05 Gable Detail Drawings
A13015051014, A12015051014, A11015051014, A10015051014, A14015051014, A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

ASCE 7-10 & ASCE 7-16 Gable Detail Drawings
A11515ENC100118, A12015ENC100118, A14015ENC100118, A16015ENC100118, A18015ENC100118, A20015ENC100118, A20015END100118, A20015PED100118, A11530ENC100118, A12030ENC100118, A14030ENC100118, A16030ENC100118, A18030ENC100118, A20030ENC100118, A20030END100118, A20030PED100118, S11515ENC100118, S12015ENC100118, S14015ENC100118, S16015ENC100118, S18015ENC100118, S20015ENC100118, S20015END100118, S20015PED100118, S11530ENC100118, S12030ENC100118, S14030ENC100118, S16030ENC100118, S18030ENC100118, S20030ENC100118, S20030END100118, S20030PED100118

See appropriate Alpine gable detail for maximum "T" reinforced gable vertical length.

To convert from "L" to "T" reinforcing members, multiply "T" increase by length (based on appropriate Alpine gable detail).

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

"T" reinforcing member material must match size, specie, and grade of the "L" reinforcing member.

Web Length Increase w/ "T" Brace

"T" Reinf. Mbr. Size	"T" Increase
2x4	30 %
2x6	20 %

Example:
ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, Kzt = 1.00
Gable Vertical = 24"o.c. SP #3
"T" Reinforcing Member Size = 2x4
"T" Brace Increase (From Above) = 30% = 1.30
(1) 2x4 "L" Brace Length = 8' 7"
Maximum "T" Reinforced Gable Vertical Length
1.30 x 8' 7" = 11' 2"

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07/22/2019

MAX. TOT. LD. 60 PSF
DUR. FAC. ANY
MAX. SPACING 24.0"

REF	LET-IN VERT
DATE	01/02/2018
DRWG	GBLLETIN0118

Piggyback Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

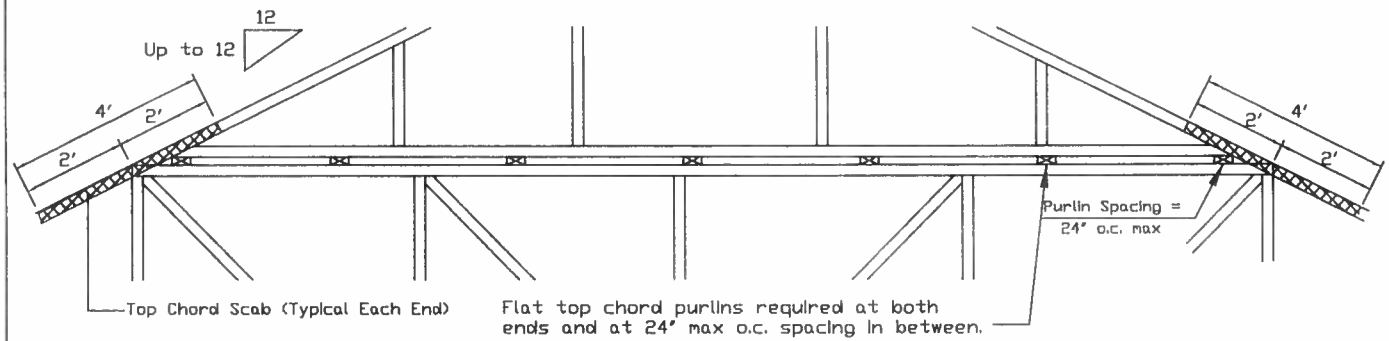
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg. located anywhere in roof, Exp D, Wind DL= 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building Engineer of Record shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24" o.c. detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

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

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



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

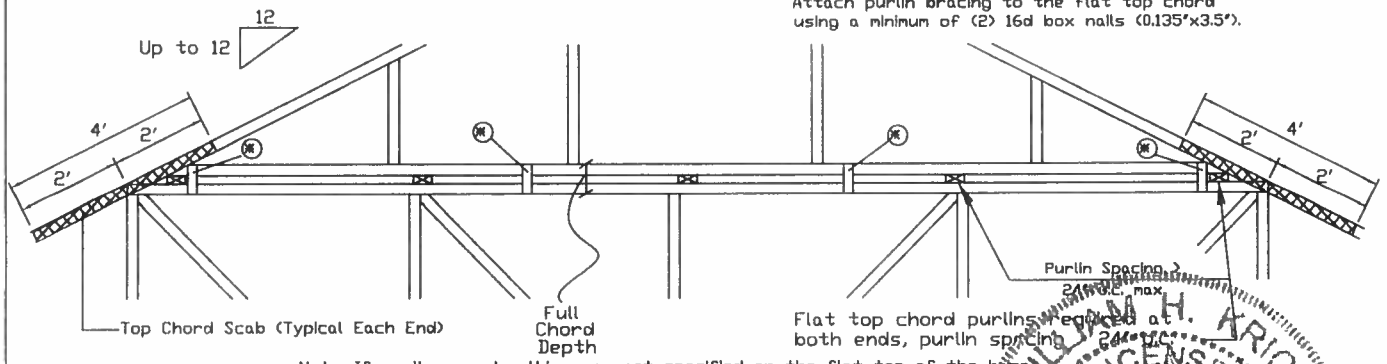
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

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

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

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

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



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

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

Trulox
Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

APA Rated Gusset
8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

2x4 Vertical Scabs
2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.

28PB Wave Piggyback Plate
One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.

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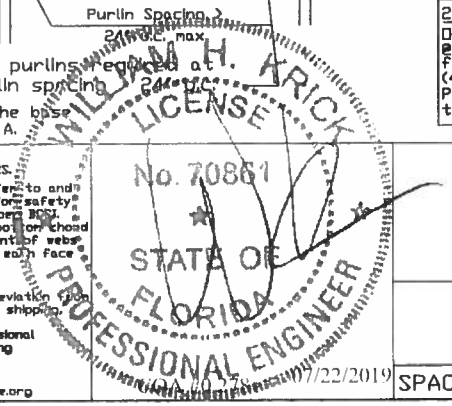

REF	PIGGYBACK
DATE	10/01/14
DRWG	PB160101014
SPACING	24.0"