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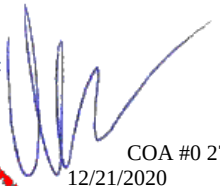


COA #0 278
12/21/2020

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:* 20-4950
Job Description: Jenkins Res	
Address:	

Job Engineering Criteria:	
Design Code: FBC 2017 RES	*IntelliVIEW Version:* 20.01.01A *JRef #:* 1X1b2150007
Wind Standard: ASCE 7-16 *Wind Speed (mph):* 130 *Building Type:* Closed	*Design Loading (psf):* 37.00

This package contains general notes pages, 25 truss drawing(s) and 1 detail(s).

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	356.20.0843.03650	A01	2	356.20.0842.59237	A02
3	356.20.0842.46393	A03	4	356.20.0842.34157	A04
5	356.20.0842.31823	A05	6	356.20.0842.30263	A06
7	356.20.0842.28730	A07	8	356.20.0842.27140	A08
9	356.20.0842.24963	A09	10	356.20.0842.22520	A10
11	356.20.0842.13823	A11	12	356.20.0842.10477	A12
13	356.20.0842.08703	A13	14	356.20.0842.07083	A14
15	356.20.0842.05287	A15	16	356.20.0842.03317	A16
17	356.20.0842.01417	B01	18	356.20.0841.59433	B02
19	356.20.0841.58047	B03	20	356.20.0841.49337	HJ7
21	356.20.0841.52333	EJ7	22	356.20.0841.50740	EJ7A
23	356.20.0841.53647	CJ5	24	356.20.0841.54950	CJ3
25	356.20.0841.56723	CJ1	26	BRCLBSUB0119	

General Notes

Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:
The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

The suitability and use of these drawings for any particular structure is the responsibility of the Building Designer in accordance with ANSI/TPI 1 Chapter 2. The Building Designer is responsible for determining that the dimensions and loads for each truss component match those required by the plans and by the actual use of the individual component, and for ascertaining that the loads shown on the drawings meet or exceed applicable building code requirements and any additional factors required in the particular application. Truss components using metal connector plates with integral teeth shall not be placed in environments that will cause the moisture content of the wood in which plates are embedded to exceed 19% and/or cause corrosion of connector plates and other metal fasteners.

The Truss Design Engineer shall not be responsible for items beyond the specific scope of the agreed contracted work set forth herein, including but not limited to: verifying the dimensions of the truss component, calculation of any of the truss component design loads, inspection of the truss components before or after installation, the design of temporary or permanent bracing and their attachment required in the roof and/or floor systems, the design of diaphragms or shear walls, the design of load transfer connections to and from diaphragms and shear walls, the design of load transfer to the foundation, the design of connections for truss components to their bearing supports, the design of the bearing supports, installation of the truss components, observation of the truss component installation process, review of truss assembly procedures, sequencing of the truss component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

This document may be a high quality facsimile of the original engineering document which is a digitally signed electronic file with third party authentication. A wet or embossed seal copy of this engineering document is available upon request.

Temporary Lateral Restraint and Bracing:
Temporary lateral restraint and diagonal bracing shall be installed according to the provisions of BCSI chapters B1, B2, B7 and/or B10 (Building Component Safety Information, by TPI and SBCA), or as specified by the Building Designer or other Registered Design Professional. The required locations for lateral restraint and/or bracing depicted on these drawings are only for the permanent lateral support of the truss members to reduce buckling lengths, and do not apply to and may not be relied upon for the temporary stability of the truss components during their installation.

Permanent Lateral Restraint and Bracing:
The required locations for lateral restraint or bracing depicted on these drawings are for the permanent lateral support of the truss members to reduce buckling lengths. Permanent lateral support shall be installed according to the provisions of BCSI chapters B3, B7 and/or B10, or as specified by the Building Designer or other Registered Design Professional. These drawings do not depict or specify installation/erection bracing, wind bracing, portal bracing or similar building stability bracing which are parts of the overall building design to be specified, designed and detailed by the Building Designer.

Connector Plate Information:
Alpine connector plates are made of ASTM A653 or ASTM A1063 galvanized steel with the following designations, gauges and grades: W=Wave, 20ga, grade 40; H=High Strength, 20ga, grade 60; S=Super Strength, 18ga, grade 60. Information on model code compliance is contained in the ICC Evaluation Service report ESR-1118, available on-line at www.icc-es.org.

Fire Retardant Treated Lumber:
Fire retardant treated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Fire retardant treated lumber may be more brittle than untreated lumber. Special handling care must be taken to prevent breakage during all handling activities.

General Notes (continued)

Key to Terms:
Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written request.

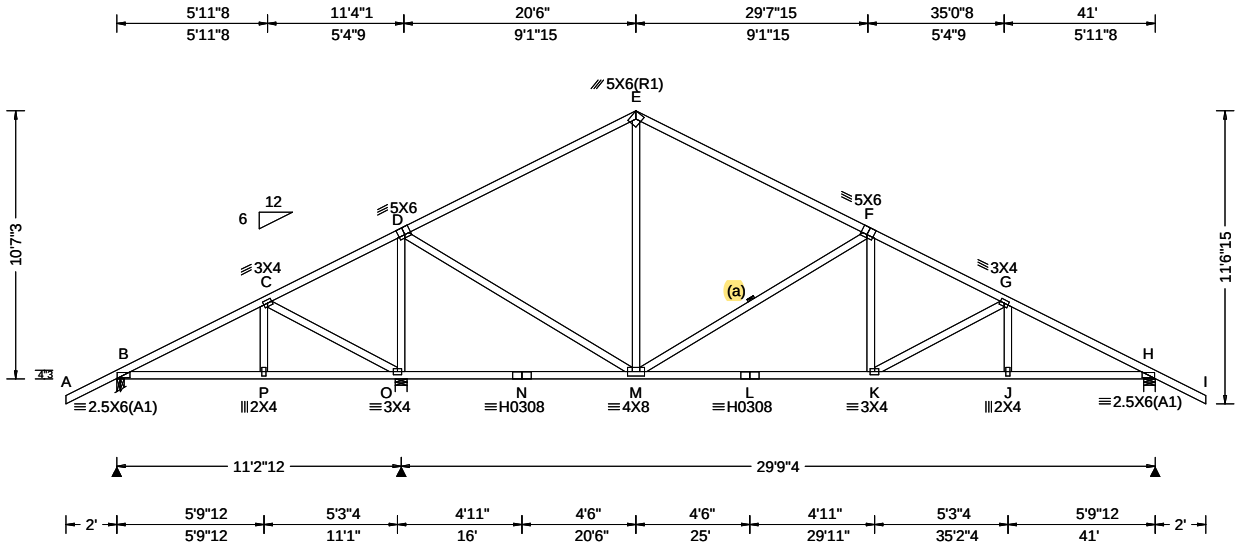
BCDL = Bottom Chord standard design Dead Load in pounds per square foot.
BCLL = Bottom Chord standard design Live Load in pounds per square foot.
CL = Certified lumber.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
FRT = Fire Retardant Treated lumber.
FRT-DB = D-Blaze Fire Retardant Treated lumber.
FRT-DC = Dricon Fire Retardant Treated lumber.
FRT-FP = FirePRO Fire Retardant Treated lumber.
FRT-FL = FlamePRO Fire Retardant Treated lumber.
FRT-FT = FlameTech Fire Retardant Treated lumber.
FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.
g = green lumber.
HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.
HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.
HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.
Ic = Incised lumber.
FJ = Finger Jointed lumber.
L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.
L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.
Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.
Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for of all load cases.
Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for of all load cases.
Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for of all load cases.
NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.
PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.
PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds
PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.
PP = Panel Point.
R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).
Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).
Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).
TCDL = Top Chord standard design Dead Load in pounds per square foot.
TCLL = Top Chord standard design Live Load in pounds per square foot.
U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).
VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.
VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.
VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.
VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.
W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.
Uppercase Acronyms not explained above are as defined in TPI 1.

References:

1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 514 Earth City Expressway, Suite 242, Earth City, MO 63045; www.alpineitw.com.
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.com.

SEQN: 3953 COMN FROM: SDY	Ply: 1 Qty: 2	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A01	Cust: R 215 JRef:1X1b2150007 T8 DrwNo: 356.20.0843.03650 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.07 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.081	K	999	240
VERT(CL): 0.144	K	999	180
HORZ(LL): 0.023	E	-	-
HORZ(TL): 0.040	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.844
Max BC CSI: 0.601
Max Web CSI: 0.996

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	390	/-	/-	/217	/41	/330
O	2018	/-	/-	/1019	/75	/-
H	1258	/-	/-	/750	/85	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
O Brg Width = 5.5 Min Req = 1.5
H Brg Width = 5.5 Min Req = 1.5
Bearings B, O, & 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	533	- 56	F - G	433	- 1669
D - E	338	- 853	G - H	446	- 2000
E - F	338	- 854			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	1431	- 191	K - J	1721	- 293
L - K	1431	- 191	J - H	1723	- 291

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - O	137	- 429	E - M	430	- 16
O - D	467	- 1559	M - F	305	- 901
D - M	1155	- 190	F - K	644	0

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

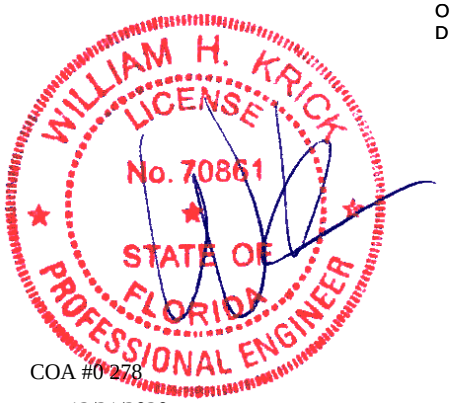
Loading

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

Wind

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

Wind loading based on both gable and hip roof types.



COA #0278

12/21/2020

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

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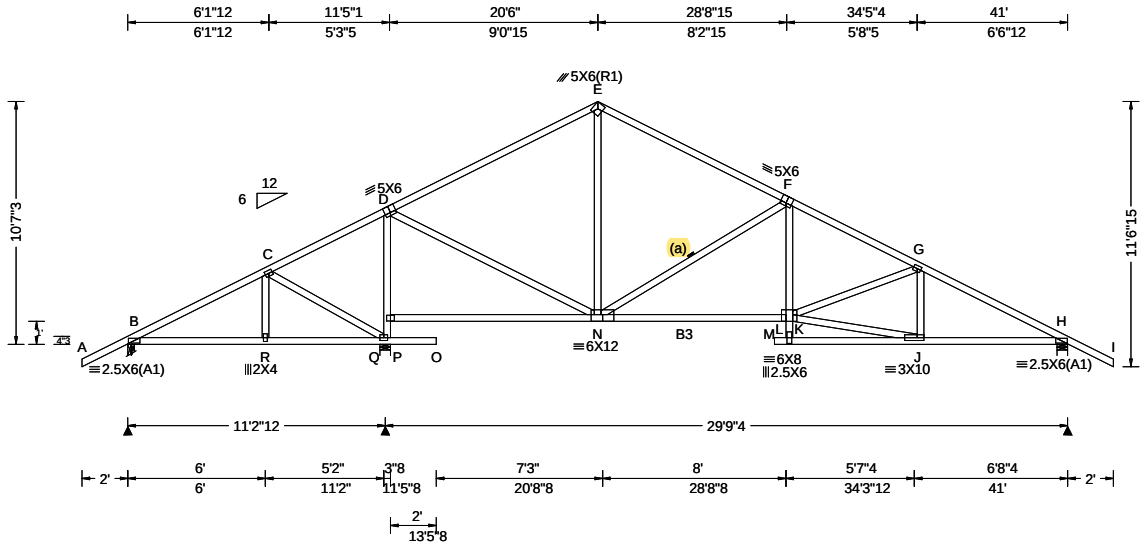
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

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

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

SEQN: 3995 COMN FROM: SDY	Ply: 1 Qty: 6	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A02	Cust: R 215 JRef:1X1b2150007 T9 DrwNo: 356.20.0842.59237 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.07 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.091	K	999	240
VERT(CL): 0.170	K	999	180
HORZ(LL): 0.020	E	-	-
HORZ(TL): 0.040	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.800
Max BC CSI: 0.991
Max Web CSI: 0.676

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	500	/-	/-	/213	/105	/330
Q	1691	/-	/-	/1027	/46	/-
H	1224	/-	/-	/801	/109	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
Q Brg Width = 5.5 Min Req = 1.6
H Brg Width = 5.5 Min Req = 1.5
Bearings B, Q, & 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	239	-403	E - F	410	-933
C - D	386	-224	F - G	560	-1800
D - E	417	-946	G - H	521	-1928

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - K	1555	-291	J - H	1676	-354

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Q	123	-461	E - N	601	-65
Q - P	324	-1362	N - F	341	-950
P - D	340	-1318	F - K	764	-43
D - N	1009	-50	K - J	1690	-344

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B3 2x4 SP M-31;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

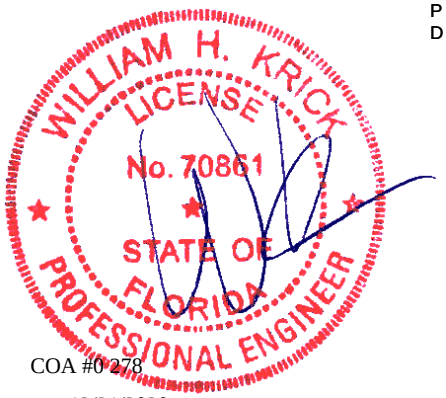
Plating Notes

All plates are 3X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.



COA #0 278

12/21/2020

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

ALPINE
AN ITW COMPANY
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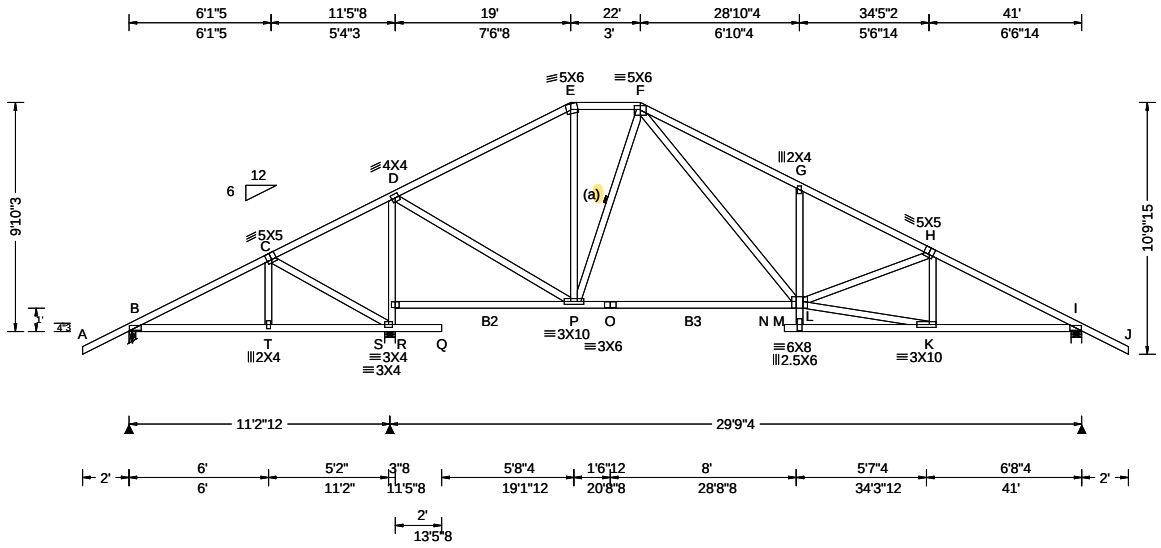
Orlando FL, 32821

SEQN: 3992 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A03		Cust: R 215 JRef:1X1b2150007 T25 DrwNo: 356.20.0842.46393 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.104	G	999	240
VERT(CL): 0.193	G	999	180
HORZ(LL): 0.019	E	-	-
HORZ(TL): 0.038	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.670
Max BC CSI: 0.847
Max Web CSI: 0.899

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	503	/-	/-	/232	/96	/310
S	1673	/-	/-	/1004	/47	/-
I	1225	/-	/-	/801	/110	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
S Brg Width = 5.5 Min Req = 1.6
I Brg Width = 5.5 Min Req = 1.5
Bearings B, S, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	215	- 409	F - G	766	- 1841
D - E	441	- 897	G - H	619	- 1808
E - F	448	- 736	H - I	569	- 1930

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	835	- 95	K - I	1686	- 396
O - L	838	- 95			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	133	- 464	P - F	192	- 386
S - R	374	- 1350	F - L	1182	- 390
R - D	381	- 1323	L - G	268	- 375
D - P	1011	- 105	L - K	1739	- 380

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2,B3 2x4 SP M-31;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2.5X6(A1) except as noted.

Wind

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

Wind loading based on both gable and hip roof types.

COA #0278

12/21/2020

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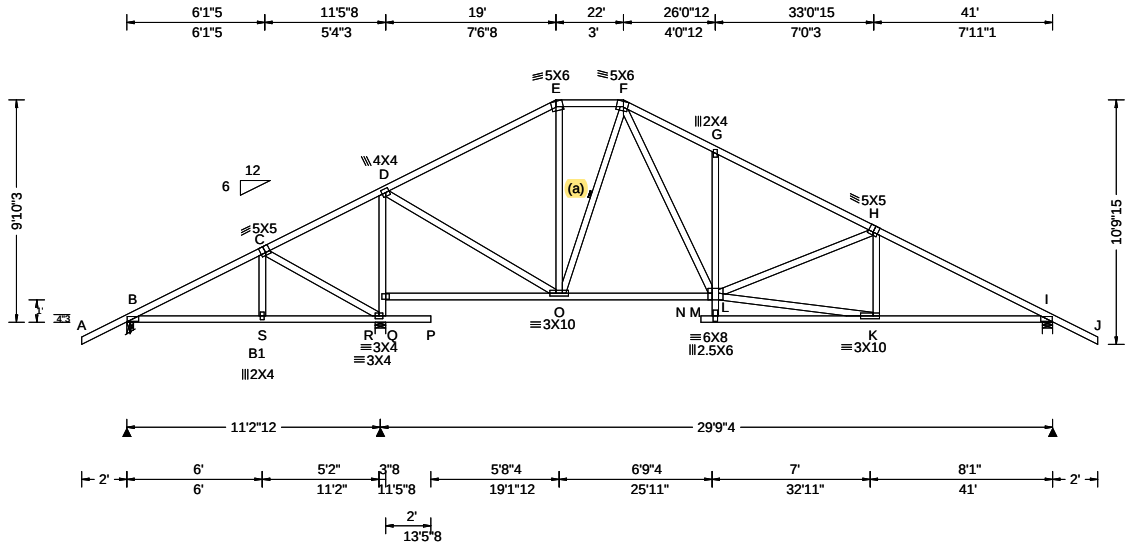
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3949 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A04		Cust: R 215 JRef:1X1b2150007 T23 DrwNo: 356.20.0842.34157 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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	G	999	240
VERT(CL): 0.161	G	999	180
HORZ(LL): 0.018	E	-	-
HORZ(TL): 0.035	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.657
Max BC CSI: 0.468
Max Web CSI: 0.756

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	504	/-	/-	/232	/99	/310
R	1739	/-	/-	/1003	/46	/-
I	1277	/-	/-	/803	/112	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
R Brg Width = 5.5 Min Req = 1.7
I Brg Width = 5.5 Min Req = 1.5
Bearings B, R, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	223	- 410	F - G	692	- 1607
D - E	450	- 995	G - H	562	- 1628
E - F	456	- 805	H - I	573	- 2000

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - L	924	- 86	K - I	1709	- 388

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	134	- 463	O - F	138	- 376
R - Q	369	- 1428	F - L	1041	- 358
Q - D	380	- 1405	L - K	1704	- 380
D - O	1044	- 106	L - H	161	- 437

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

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

Plating Notes
All plates are 2.5X6(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.
Wind loading based on both gable and hip roof types.

COA #0278

12/21/2020

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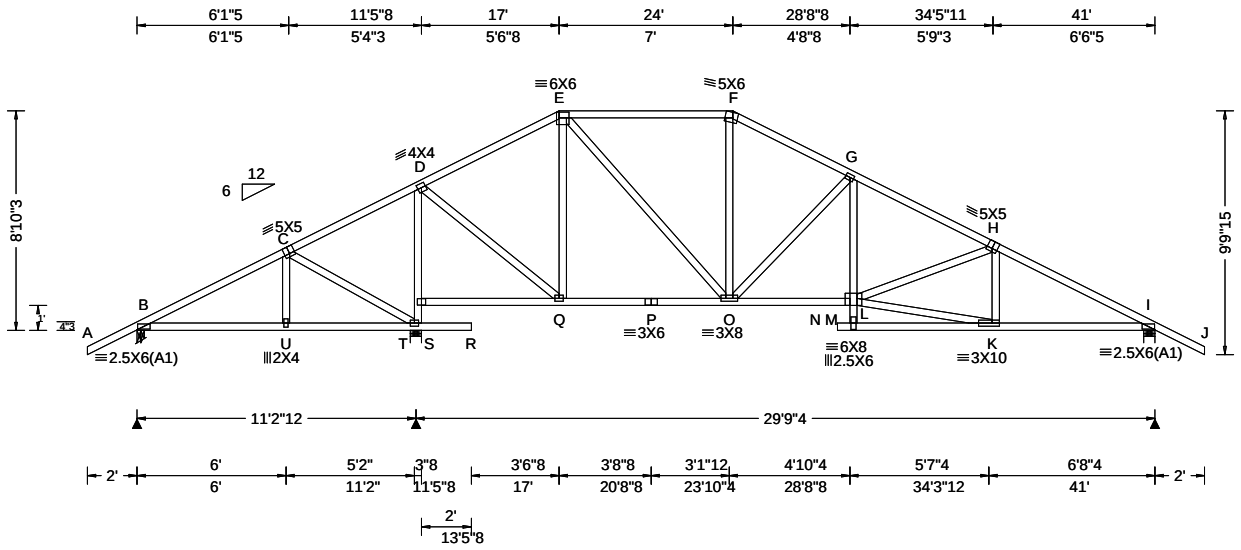
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3989 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A05		Cust: R 215 JRef:1X1b2150007 T7 DrwNo: 356.20.0842.31823 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.091	L	999	240
VERT(CL): 0.169	L	999	180
HORZ(LL): 0.018	K	-	-
HORZ(TL): 0.034	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.490
Max BC CSI: 0.874
Max Web CSI: 0.744

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	508	/-	/-	/250	/93	/283
T	1662	/-	/-	/978	/48	/-
I	1230	/-	/-	/800	/116	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
T Brg Width = 5.5 Min Req = 1.6
I Brg Width = 5.5 Min Req = 1.5
Bearings B, T, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	230	- 420	F - G	610	- 1208
D - E	478	- 773	G - H	711	- 1799
E - F	603	- 1034	H - I	654	- 1946

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	635	- 98	O - L	1544	- 419
P - O	635	- 98	K - I	1693	- 474

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	156	- 471	E - O	615	- 195
T - S	425	- 1318	O - F	419	- 6
S - D	426	- 1301	O - G	277	- 742
D - Q	973	- 203	G - L	695	- 88
E - Q	197	- 493	L - K	1674	- 469

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

Plating Notes
All plates are 3X4 except as noted.

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

COA #0278

12/21/2020

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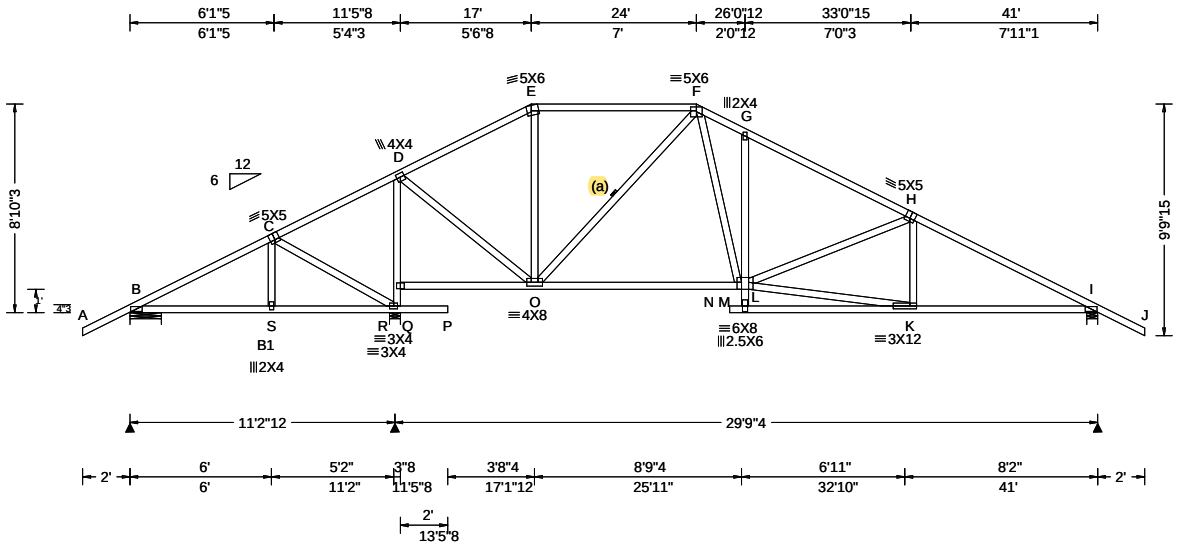
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3942 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A06	Cust: R 215 JRef:1X1b2150007 T17 DrwNo: 356.20.0842.30263 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.087	G	999	240
VERT(CL): 0.156	G	999	180
HORZ(LL): 0.015	E	-	-
HORZ(TL): 0.029	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.536
Max BC CSI: 0.475
Max Web CSI: 0.845

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	520	/-	/-	/262	/85	/283
R	1728	/-	/-	/964	/50	/-
I	1295	/-	/-	/801	/116	/-

Wind reactions based on MWFRS
B Brg Width = 16.0 Min Req = 1.5
R Brg Width = 5.5 Min Req = 1.7
I Brg Width = 5.5 Min Req = 1.5
Bearings B, R, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	230	- 391	F - G	740	- 1612
D - E	476	- 904	G - H	645	- 1673
E - F	472	- 753	H - I	650	- 2040

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	577	- 189	K - I	1745	- 457
O - L	1165	- 241			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	158	- 433	O - F	220	- 617
R - Q	426	- 1416	F - L	949	- 270
Q - D	422	- 1430	L - K	1770	- 441
D - O	1086	- 201	L - H	155	- 429

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2.5X6(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.

Wind loading based on both gable and hip roof types.

COA #0 278

12/21/2020

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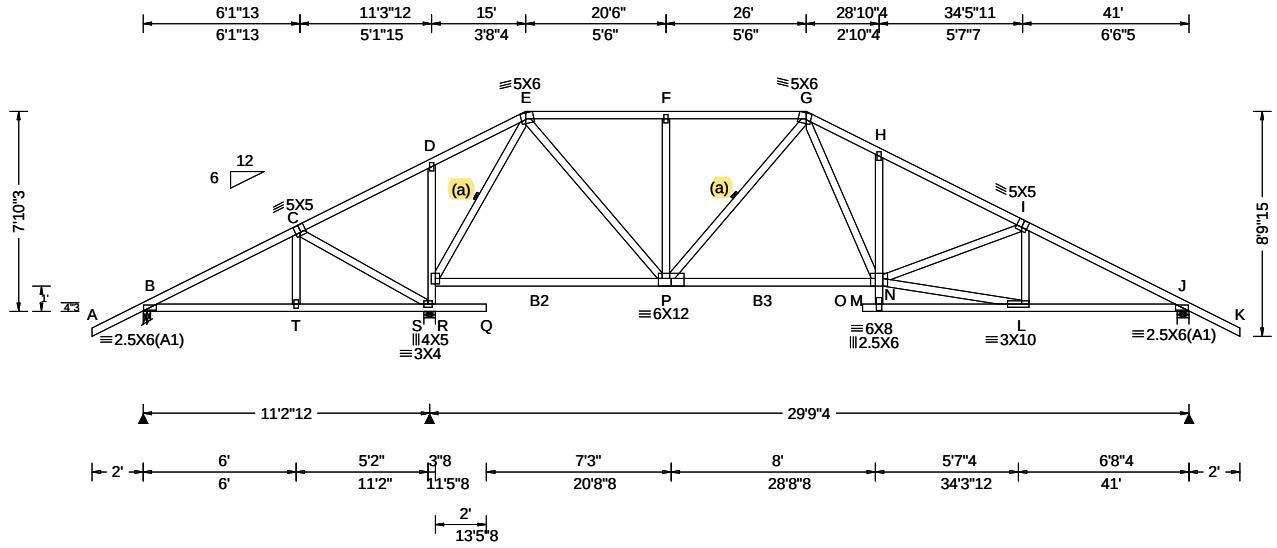
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3983 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A07	Cust: R 215 JRef:1X1b2150007 T16 DrwNo: 356.20.0842.28730 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.091	H	999	240
VERT(CL): 0.170	H	999	180
HORZ(LL): -0.015	S	-	-
HORZ(TL): 0.029	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.370
Max BC CSI: 0.847
Max Web CSI: 0.665

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	511	/-	/-	/267	/90	/256
S	1658	/-	/-	/947	/45	/-
J	1235	/-	/-	/793	/119	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
S Brg Width = 5.5 Min Req = 1.6
J Brg Width = 5.5 Min Req = 1.5
Bearings B, 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.
B - C	246	- 427	G - H	872	- 1790
E - F	651	- 1071	H - I	771	- 1818
F - G	651	- 1071	I - J	706	- 1959

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - P	483	- 113	L - J	1696	- 520
P - M	1226	- 348			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	155	- 469	E - P	1036	- 307
S - R	455	- 1293	G - M	913	- 300
R - E	337	- 1169	M - L	1716	- 508

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2,B3 2x4 SP M-31;
Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

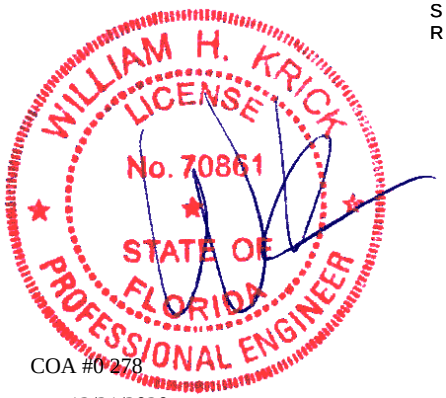
Plating Notes

All plates are 2X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.



COA #0 278

12/21/2020

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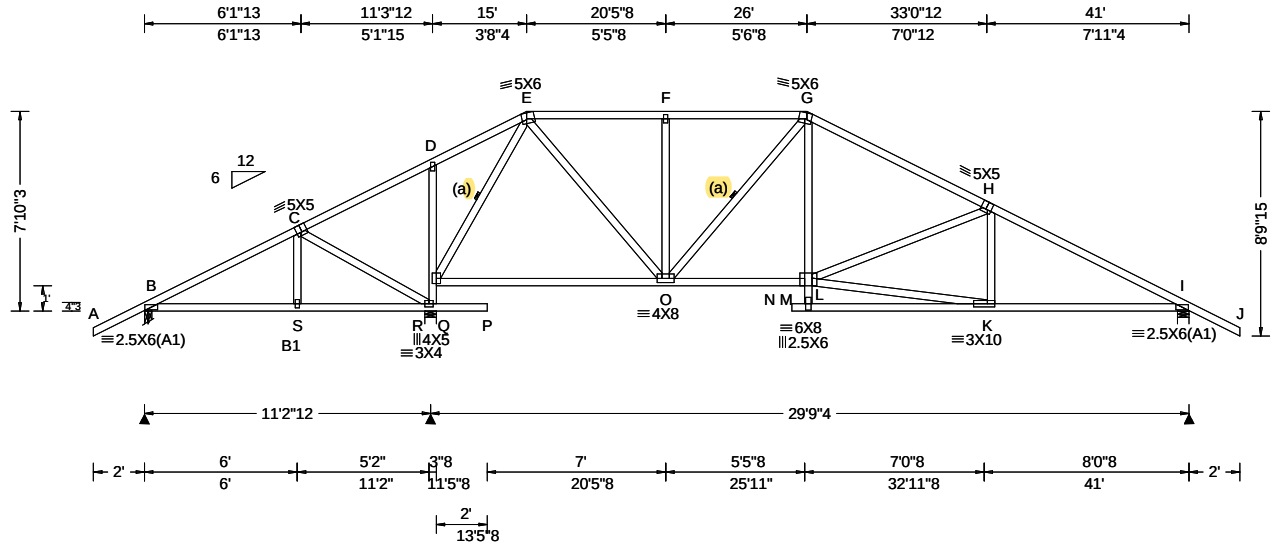
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3938 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A08	Cust: R 215 JRef:1X1b2150007 T22 DrwNo: 356.20.0842.27140 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.085	L	999	240
VERT(CL): 0.150	L	999	180
HORZ(LL): 0.016	E	-	-
HORZ(TL): 0.030	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.531
Max BC CSI: 0.503
Max Web CSI: 0.670

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	497	/-	/-	/268	/91	/255
R	1806	/-	/-	/946	/44	/-
I	1290	/-	/-	/794	/118	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
R Brg Width = 5.5 Min Req = 1.8
I Brg Width = 5.5 Min Req = 1.5
Bearings B, R, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	250	- 395	G - H	700	- 1650
E - F	650	- 1191	H - I	703	- 2032
F - G	650	- 1191			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - O	532	- 117	K - I	1738	- 506
O - L	1392	- 359			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	155	- 469	G - L	723	- 106
R - Q	451	- 1477	L - K	1705	- 501
Q - E	336	- 1299	L - H	158	- 445
E - O	1038	- 302			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Loading

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

Wind

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

Wind loading based on both gable and hip roof types.

COA #0278

12/21/2020

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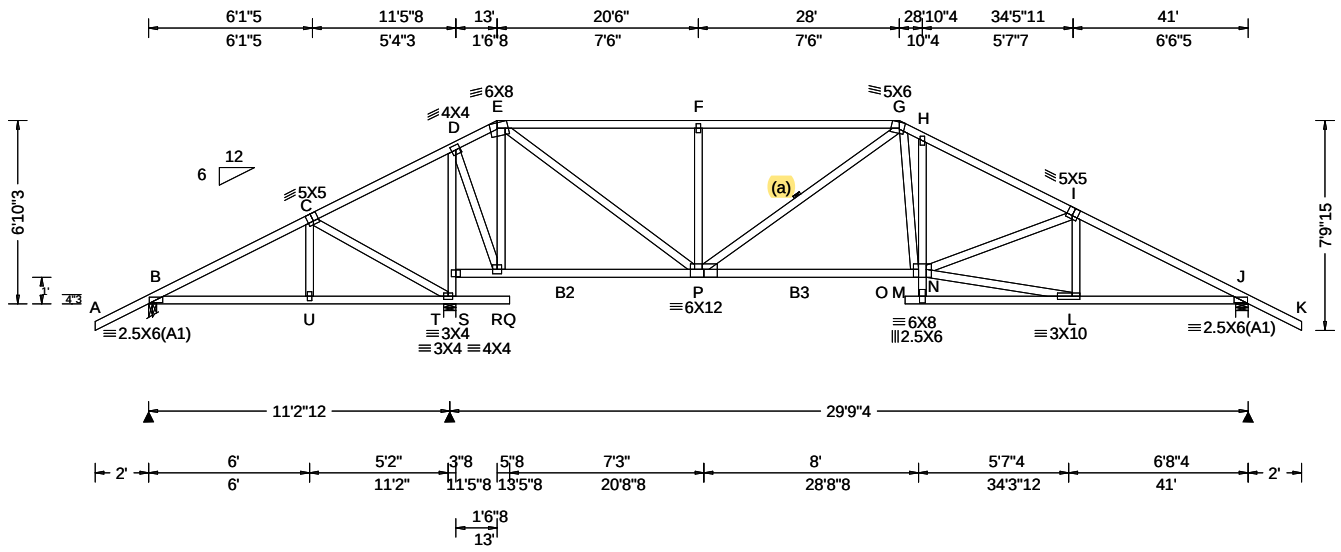
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3986 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A09	Cust: R 215 JRef:1X1b2150007 T26 DrwNo: 356.20.0842.24963 / WHK 12/21/2020	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.096 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.178 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.016 L - -
Des Ld: 37.00	EXP: C Kzt: NA		HORZ(TL): 0.031 L - -
NCBCLL: 20.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 4.2 psf	FBC 2017 RES	Max TC CSI: 0.592
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.846
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.772
	C&C Dist a: 4.10 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 20.01.01A.0724.12
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2,B3 2x4 SP M-31;
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.

Wind loading based on both gable and hip roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	505	/-	/-	/277	/77	/228
T	1663	/-	/-	/924	/111	/-
J	1230	/-	/-	/778	/134	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
T Brg Width = 5.5 Min Req = 1.6
J Brg Width = 5.5 Min Req = 1.5
Bearings B, T, & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	220	-413	G - H	846	-1718
E - F	718	-1255	H - I	767	-1805
F - G	718	-1255	I - J	710	-1946

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - M	1454	-422	L - J	1693	-524

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	173	-471	E - P	1290	-480
T - S	484	-1318	F - P	375	-453
S - D	457	-1328	G - M	810	-252
D - R	1065	-336	M - L	1721	-511
E - R	371	-936			

COA #0 278

12/21/2020

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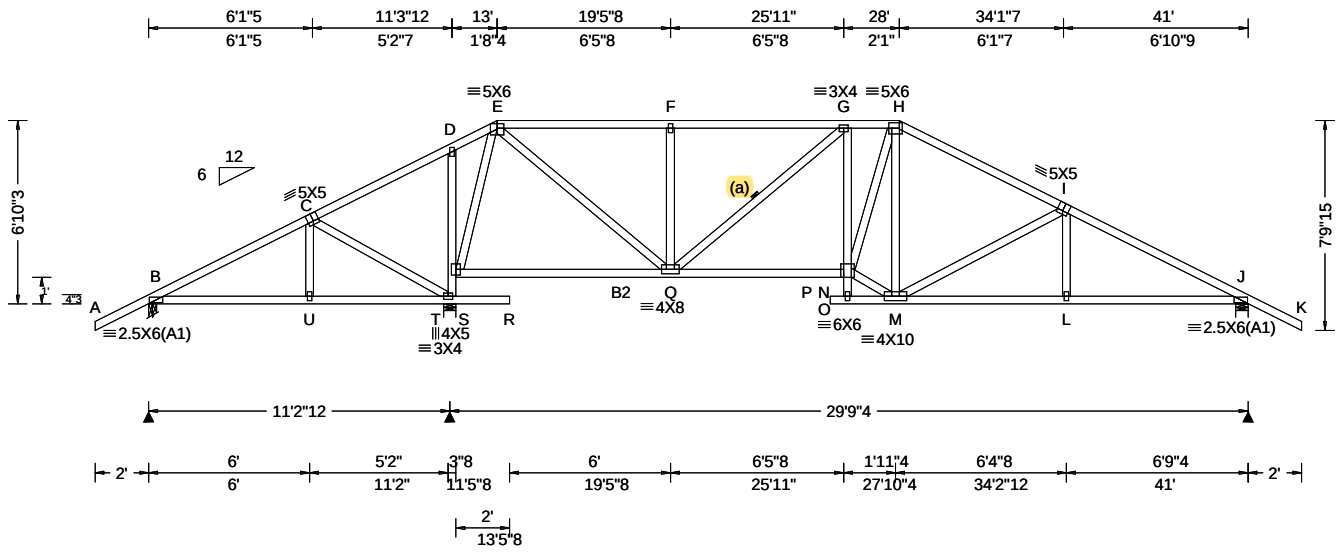
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3931 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A10	Cust: R 215 JRef:1X1b2150007 T24 DrwNo: 356.20.0842.22520 / WHK 12/21/2020	



Loading Criteria (psf)
TCLL: 20.00
TCDL: 7.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 37.00
NCBCLL: 20.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.10 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.094	P	999	240
VERT(CL): 0.171	P	999	180
HORZ(LL): -0.019	Q	-	-
HORZ(TL): 0.035	Q	-	-

Creep Factor: 2.0
Max TC CSI: 0.443
Max BC CSI: 0.882
Max Web CSI: 0.756

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	495	/-	/-	/278	/175	/228
T	1735	/-	/-	/922	/270	/-
J	1236	/-	/-	/780	/299	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
T Brg Width = 5.5 Min Req = 1.7
J Brg Width = 5.5 Min Req = 1.5
Bearings B, T, & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	241	-387	G - H	756	-1495
E - F	698	-1180	H - I	663	-1438
F - G	698	-1179	I - J	720	-1951

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - N	1499	-456	L - J	1683	-531
M - L	1674	-533			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	169	-469	N - M	1423	-401
T - S	470	-1365	N - H	846	-370
S - E	396	-1200	M - H	166	-403
E - Q	1293	-446	M - I	208	-543
F - Q	341	-394	I - L	399	0
Q - G	117	-425			

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

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

Plating Notes
All plates are 2X4 except as noted.

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

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

COA #0278
12/21/2020

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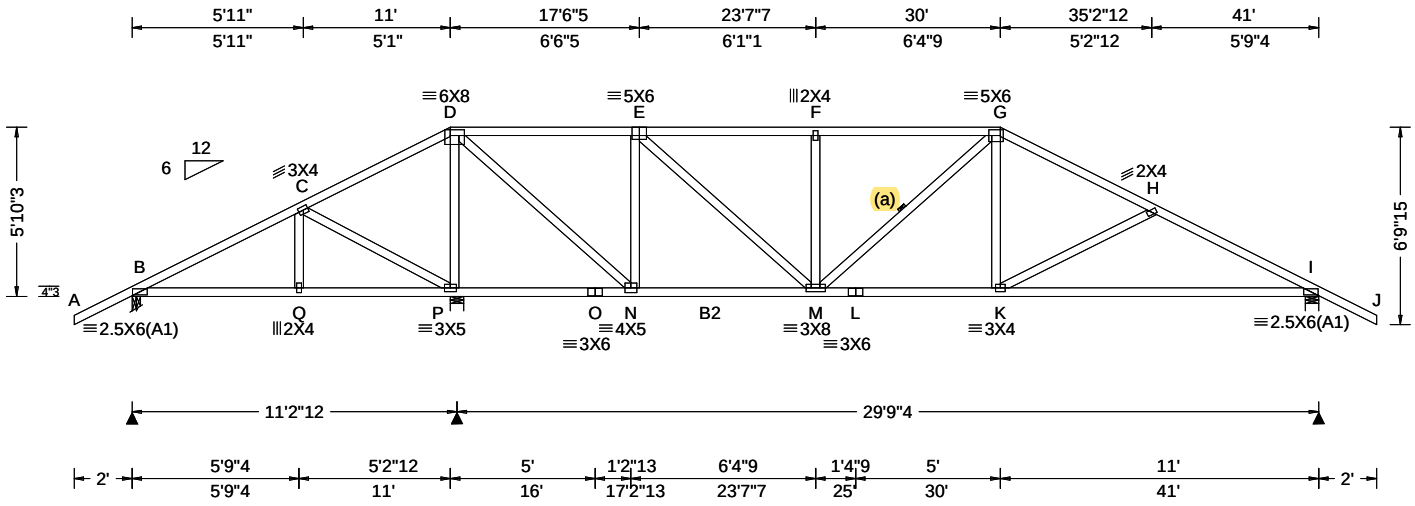
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3969 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A11		Cust: R 215 JRef:1X1b2150007 T3 DrwNo: 356.20.0842.13823 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.072	F	999	240
VERT(CL): 0.135	F	999	180
HORZ(LL): 0.014	K	-	-
HORZ(TL): 0.026	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.580
Max BC CSI: 0.646
Max Web CSI: 0.989

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	363	/-72	/-	/200	/52	/201
P	1998	/-	/-	/1008	/194	/-
I	1151	/-	/-	/709	/110	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
P Brg Width = 5.5 Min Req = 1.5
I Brg Width = 5.5 Min Req = 1.5
Bearings B, P, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	465	- 182	F - G	593	- 1154
C - D	797	- 237	G - H	567	- 1440
D - E	348	- 551	H - I	649	- 1743
E - F	592	- 1153			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	276	- 394	N - M	598	- 112
Q - P	274	- 397	M - L	1265	- 281
P - O	423	- 668	L - K	1265	- 281
O - N	423	- 668	K - I	1504	- 473

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	226	- 495	N - E	511	- 912
D - P	724	- 1631	E - M	770	- 336
D - N	1563	- 662	G - K	664	- 4

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

Wind loading based on both gable and hip roof types.

COA #0278

12/21/2020

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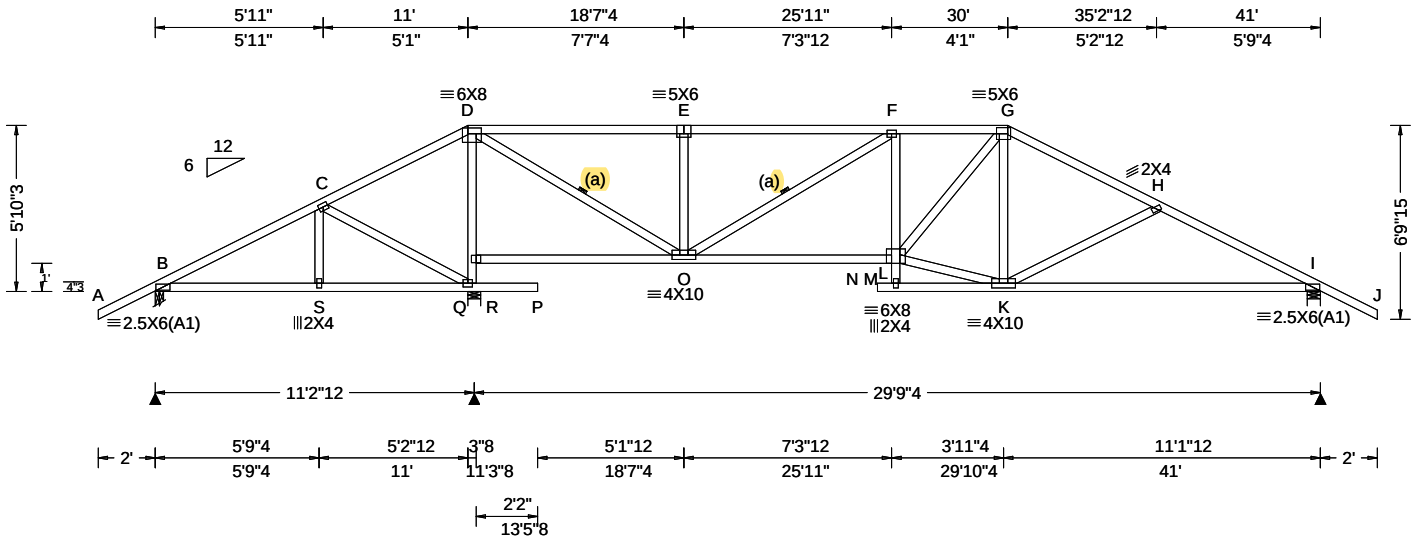
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3927 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A12	Cust: R 215 JRef:1X1b2150007 T4 DrwNo: 356.20.0842.10477 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.10 ft
Loc. from endwall: not in 6.50 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

Building 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): 0.108	N	999	240
VERT(CL): 0.201	N	999	180
HORZ(LL): -0.024	O	-	-
HORZ(TL): 0.044	O	-	-

Creep Factor: 2.0
Max TC CSI: 0.703
Max BC CSI: 0.650
Max Web CSI: 0.981

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	505	/-	/-	/288	/168	/201
R	1667	/-	/-	/888	/280	/-
I	1236	/-	/-	/764	/299	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
R Brg Width = 5.5 Min Req = 1.5
I Brg Width = 5.5 Min Req = 1.5
Bearings B, R, & I are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	239	-430	F - G	916	-1827
D - E	769	-1347	G - H	695	-1610
E - F	769	-1346	H - I	784	-1931

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - L	1835	-650	K - I	1672	-595

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	219	-484	E - O	405	-481
R - Q	497	-1299	O - F	212	-578
D - Q	503	-1272	L - K	1498	-385
D - O	1772	-701	L - G	689	-386

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.

COA #0278

12/21/2020

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ALPINE
AN ITW COMPANY
6750 Forum Drive
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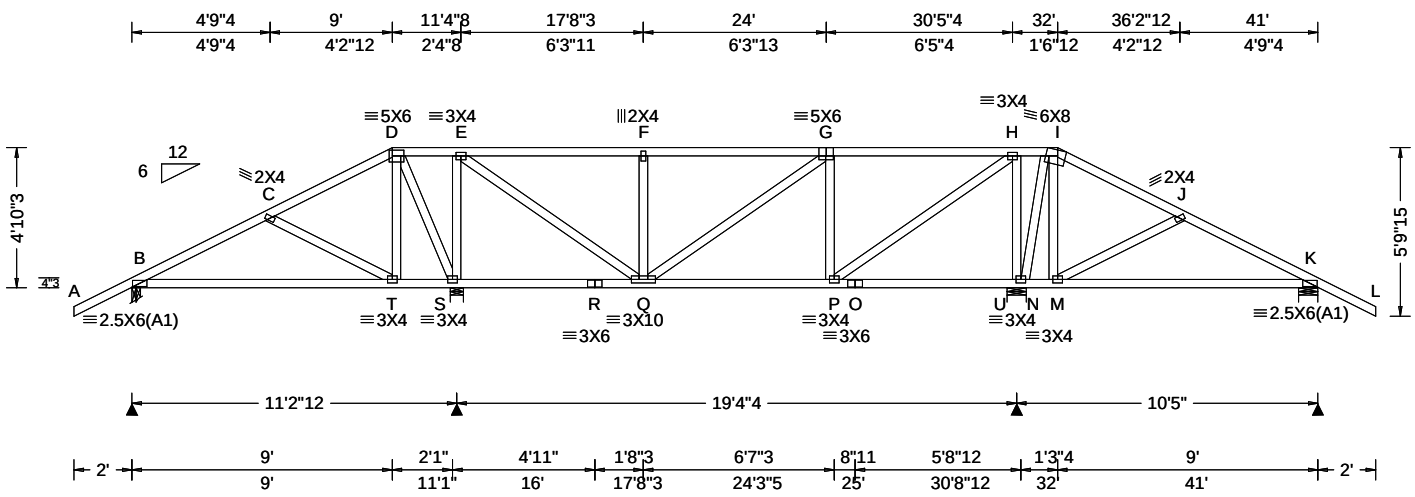
SEQN: 3964 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A13	Cust: R 215 JRef:1X1b2150007 T10 DrwNo: 356.20.0842.08703 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.10 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

Building 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): 0.042	F	999	180
HORZ(LL): -0.011	M	-	-
HORZ(TL): 0.022	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.465
Max BC CSI: 0.943
Max Web CSI: 0.406

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/280	/17	/174
S	1343	/-	/-	/709	/159	/-
U	1289	/-	/-	/652	/151	/-
K	426	/-	/-	/299	/50	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
S Brg Width = 5.5 Min Req = 1.5
U Brg Width = 8.0 Min Req = 1.5
K Brg Width = 8.0 Min Req = 1.5
Bearings B, S, U, & 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.
E - F	234	-510	G - H	248	-506
F - G	234	-510			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
Q - P	512	-24

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - T	515	-30	P - H	839	-326
D - S	156	-576	H - N	494	-824
S - E	482	-824	N - I	96	-586
E - Q	894	-349	I - M	554	-19

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

COA #0278

12/21/2020

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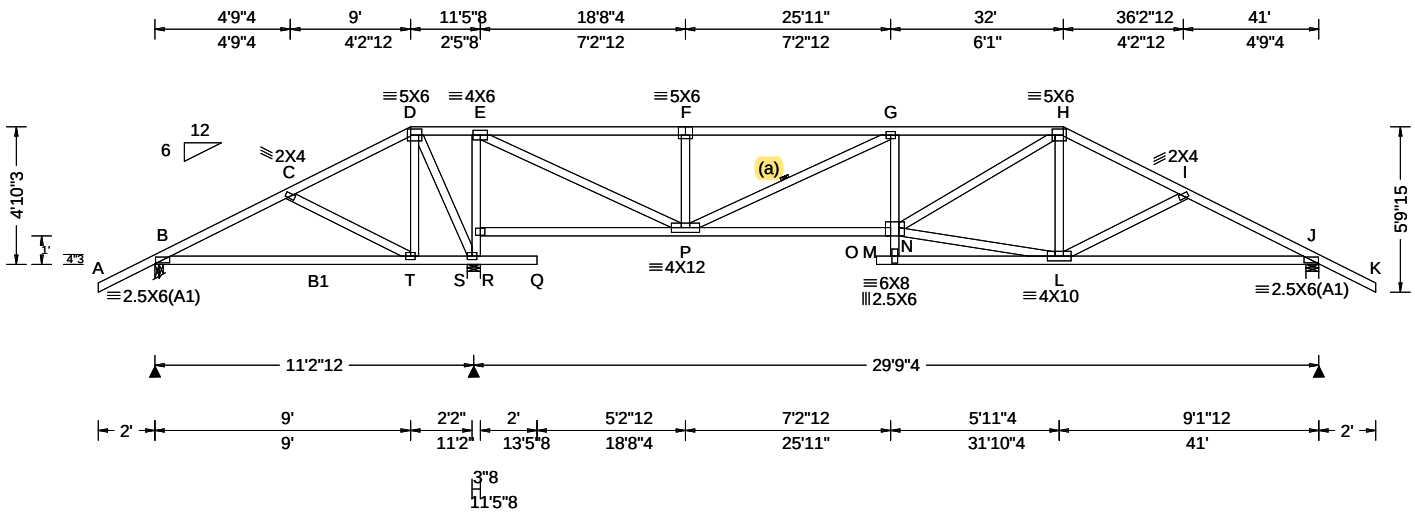
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3921 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A14		Cust: R 215 JRef:1X1b2150007 T5 DrwNo: 356.20.0842.07083 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.10 ft
Loc. from endwall: not in 6.50 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

Building 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): 0.139	O	999	240
VERT(CL): 0.260	O	999	180
HORZ(LL): -0.029	H	-	-
HORZ(TL): 0.055	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.609
Max BC CSI: 0.885
Max Web CSI: 0.924

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	488	/-	/-	/285	/136	/174
S	1722	/-	/-	/877	/329	/-
J	1208	/-	/-	/729	/287	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
S Brg Width = 5.5 Min Req = 1.7
J Brg Width = 5.5 Min Req = 1.5
Bearings B, 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.
B - C	196	-385	G - H	1079	-2248
E - F	766	-1559	H - I	717	-1696
F - G	766	-1559	I - J	760	-1910

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - M	2267	-853	L - J	1655	-568

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - T	527	-36	F - P	311	-410
D - S	74	-596	P - G	366	-812
S - R	637	-1285	M - L	1494	-421
R - E	637	-1238	M - H	915	-462
E - P	2027	-731			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

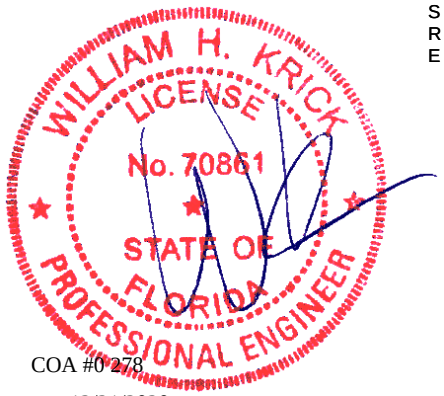
Plating Notes

All plates are 3X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types.



COA #0 278

12/21/2020

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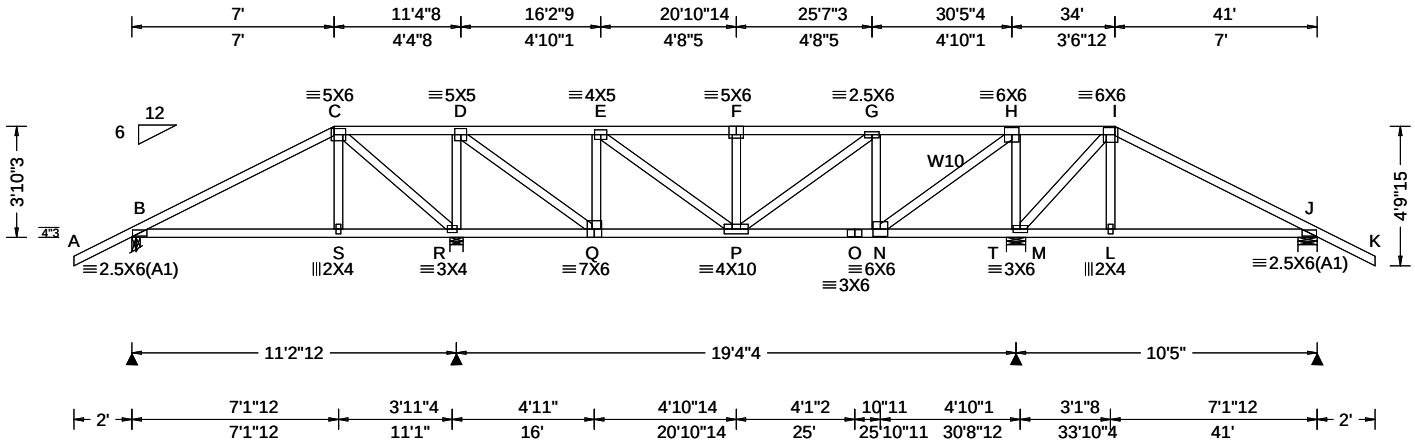
ALPINE AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3972 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A15	Cust: R 215 JRef:1X1b2150007 T11 DrwNo: 356.20.0842.05287 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.10 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

Building 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): 0.081	F	999	240
VERT(CL): 0.150	F	999	180
HORZ(LL): -0.018	L	-	-
HORZ(TL): 0.035	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.922
Max BC CSI: 0.913
Max Web CSI: 0.814

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	340	/-95	/-	/-	/70	/-
R	2223	/-	/-	/-	/497	/-
T	4018	/-	/-	/-	/892	/-
J	394	/-	/-	/-	/98	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
R Brg Width = 5.5 Min Req = 2.2
T Brg Width = 8.0 Min Req = 4.7
J Brg Width = 8.0 Min Req = 1.5
Bearings B, R, T, & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	581	- 146	F - G	479	- 2102
C - D	1009	- 235	G - H	249	- 1134
D - E	158	- 735	H - I	1339	- 301
E - F	479	- 2102			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	101	- 498	P - O	1232	- 286
S - R	114	- 493	O - N	1232	- 286
R - Q	201	- 888	N - M	245	- 1153
Q - P	835	- 185			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	383	0	P - G	1095	- 242
C - R	175	- 883	G - N	459	- 1213
R - D	425	- 1567	N - H	2887	- 627
D - Q	2061	- 455	H - M	673	- 2299
Q - E	340	- 1223	M - I	368	- 1820
E - P	1595	- 368	L - I	669	0

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W10 2x4 SP #2;

Special Loads

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

TC: From	56 plf at	-2.00 to	56 plf at	20.91
TC: From	28 plf at	20.91 to	28 plf at	34.00
TC: From	56 plf at	34.00 to	56 plf at	43.00
BC: From	4 plf at	-2.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	21.06
BC: From	10 plf at	21.06 to	10 plf at	33.97
BC: From	20 plf at	33.97 to	20 plf at	41.00
BC: From	4 plf at	41.00 to	4 plf at	43.00

TC: 164 lb Conc. Load at 21.94,23.94,25.94,27.94 29.94,31.94
TC: 399 lb Conc. Load at 33.97
BC: 955 lb Conc. Load at 21.06
BC: 186 lb Conc. Load at 21.94,23.94,25.94,27.94 29.94,31.94
BC: 499 lb Conc. Load at 33.97

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

COA #0278

12/21/2020

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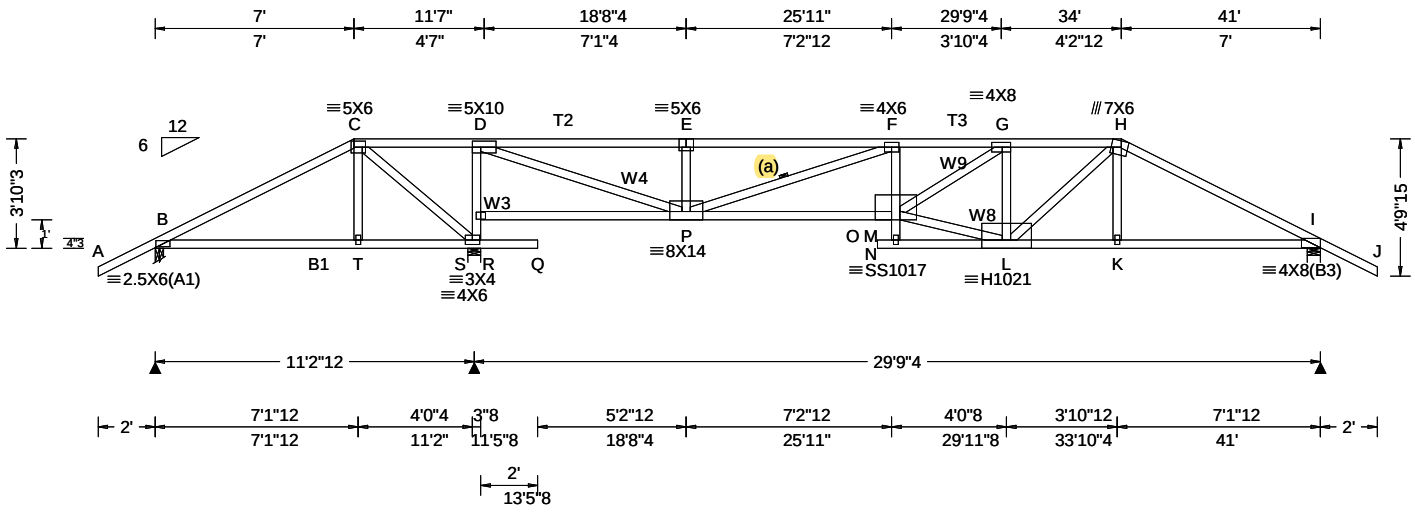
ALPINE AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3917 HIPS FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** A16	Cust: R 215 JRef:1X1b2150007 T2 DrwNo: 356.20.0842.03317 / WHK 12/21/2020	



Loading Criteria (psf)
TCLL: 20.00
TCDL: 7.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 37.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.10 ft
Loc. from endwall: NA
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

Building Code:
FBC 2017 RES
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.405	O	878	240
VERT(CL): 0.771	O	462	180
HORZ(LL): -0.060	H	-	-
HORZ(TL): 0.113	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.735
Max BC CSI: 0.854
Max Web CSI: 0.995

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	435	/-	/-	/-	/122	/-
S	3795	/-	/-	/-	/750	/-
I	2175	/-	/-	/-	/466	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
S Brg Width = 5.5 Min Req = 4.1
I Brg Width = 5.5 Min Req = 1.8
Bearings B, S, & 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	976	- 191	F - G	1336	- 6613
D - E	842	- 4318	G - H	846	- 4306
E - F	842	- 4318	H - I	799	- 3934

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - P	181	- 988	L - K	3460	- 678
P - M	6674	- 1353	K - I	3437	- 678

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	651	- 26	P - F	540	- 2495
C - S	255	- 1406	M - G	2643	- 557
S - R	705	- 2794	M - L	4407	- 861
R - D	711	- 2648	G - L	478	- 1804
D - P	5627	- 1084	L - H	1125	- 223
E - P	397	- 837	K - H	564	0

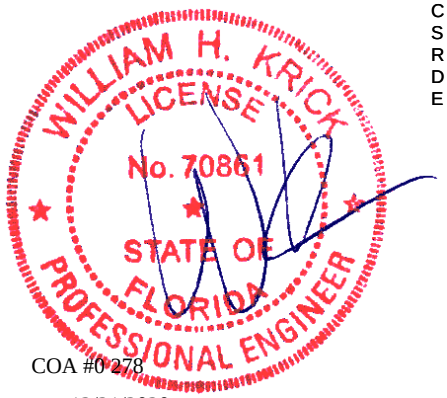
Lumber
Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31;
Bot chord: 2x4 SP M-31; B1 2x4 SP #2;
Webs: 2x4 SP #3; W3,W4 2x4 SP M-31; W8, W9 2x4 SP #2;

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

Plating Notes
All plates are 2X4 except as noted.

Loading
#1 hip supports 7-0-0 jacks with no webs.
Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang.

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



COA #0 278
12/21/2020

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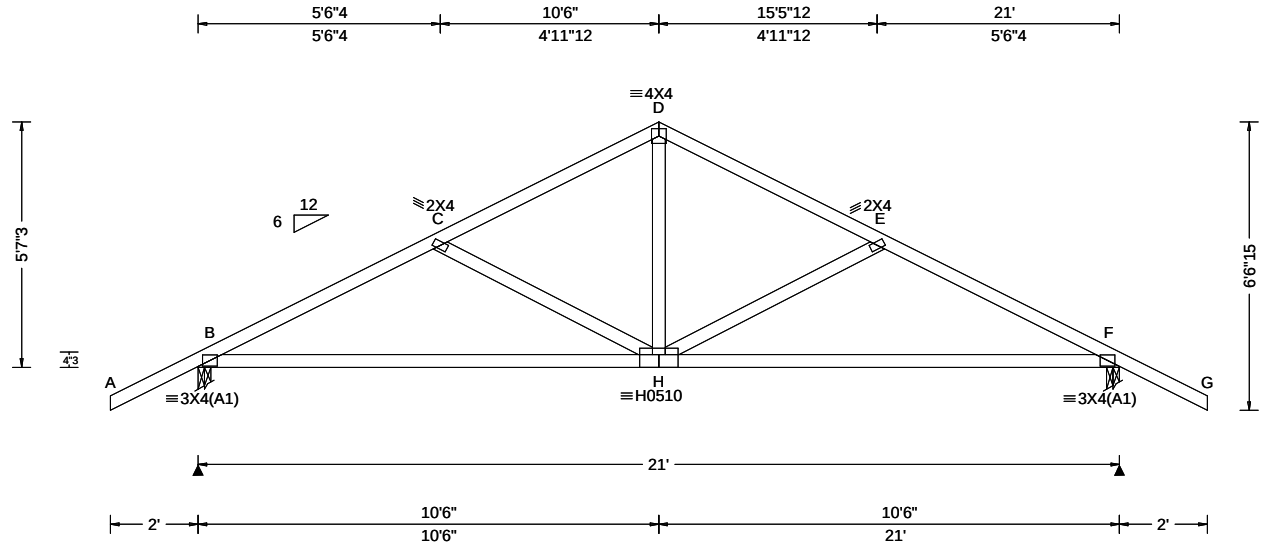
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3906 COMN FROM: SDY	Ply: 1 Qty: 5	**Job Number:** 20-4950 Jenkins Res **Truss Label:** B01	Cust: R 215 JRef:1X1b2150007 T19 DrwNo: 356.20.0842.01417 / WHK 12/21/2020	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	7.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	37.00
NCBCLL:	20.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 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

Building 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): 0.039	H	999	240
VERT(CL): 0.071	H	999	180
HORZ(LL): 0.014	H	-	-
HORZ(TL): 0.025	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.334
Max BC CSI: 0.630
Max Web CSI: 0.315

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	915	/-	/-	/530	/204	/186
F	915	/-	/-	/530	/204	/-

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	646	- 1257	D - E	509	- 1004
C - D	509	- 1004	E - F	647	- 1257

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	1073	- 459	H - F	1073	- 439

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - H	828	- 166

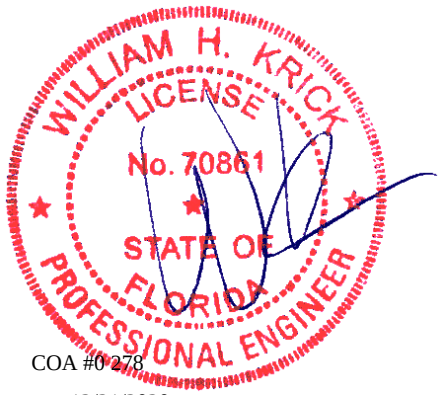
Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.



COA #0 278

12/21/2020

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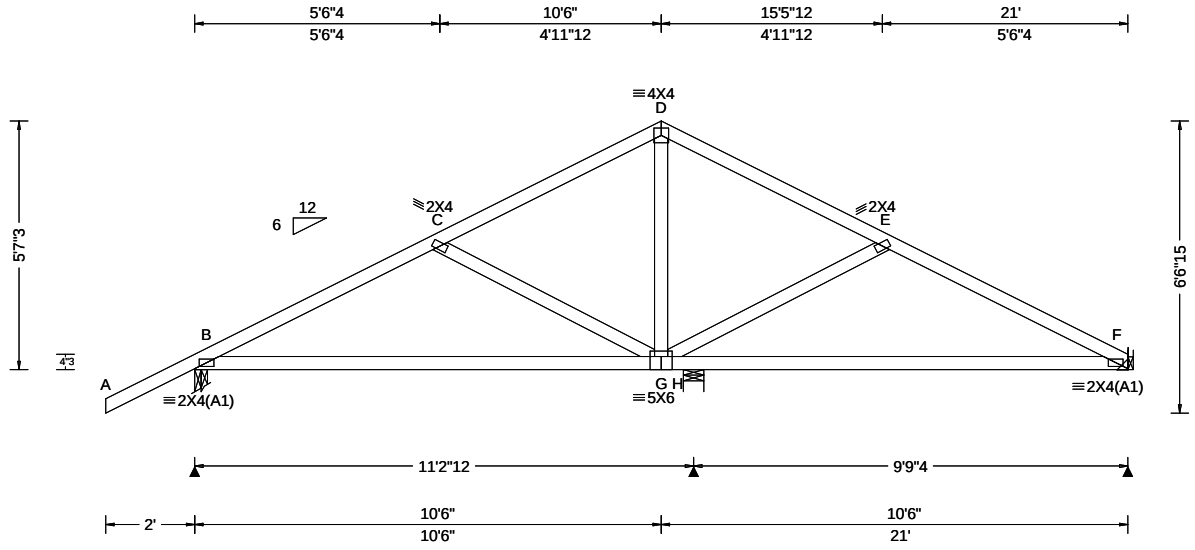
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3910 COMN FROM: SDY	Ply: 1 Qty: 3	**Job Number:** 20-4950 Jenkins Res **Truss Label:** B02	Cust: R 215 JRef:1X1b2150007 T1 DrwNo: 356.20.0841.59433 / WHK 12/21/2020	



Loading Criteria (psf)
TCLL: 20.00
TCDL: 7.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 37.00
NCBCLL: 20.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 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

Building 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): 0.026	G	999	240
VERT(CL): 0.050	G	999	180
HORZ(LL): 0.014	G	-	-
HORZ(TL): 0.028	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.434
Max BC CSI: 0.548
Max Web CSI: 0.231

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	735	/-	/-	/432	/174	/167
H	436	/-	/-	/209	/72	/-
F	572	/-	/-	/324	/124	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
H Brg Width = 5.5 Min Req = 1.5
F Brg Width = - Min Req = -
Bearings B & H are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	344	- 857	D - E	232	- 542
C - D	222	- 544	E - F	352	- 859

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	720	- 246	G - F	1447	- 486

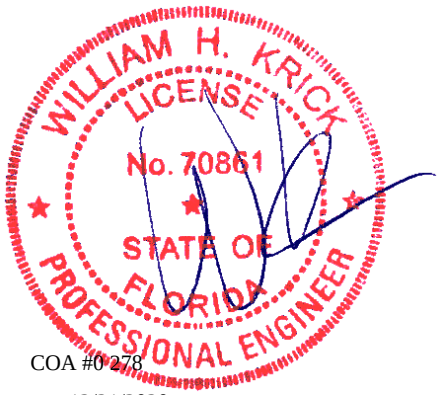
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
D - G	423	- 4

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

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

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



COA #0 278
12/21/2020

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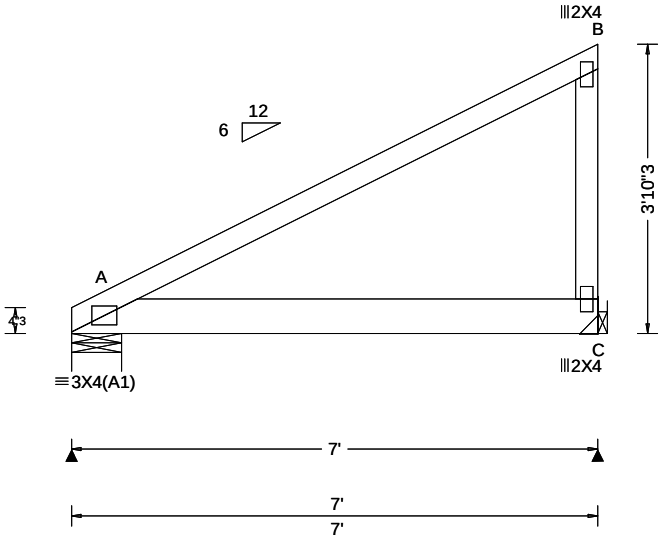
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3913 MONO FROM: SDY	Ply: 1 Qty: 1	**Job Number:** 20-4950 Jenkins Res **Truss Label:** B03	Cust: R 215 JRef:1X1b2150007 T20 DrwNo: 356.20.0841.58047 / WHK 12/21/2020	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 20.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.035 C - - HORZ(TL): 0.063 C - - Creep Factor: 2.0 Max TC CSI: 0.863 Max BC CSI: 0.933 Max Web CSI: 0.300 VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1221	/-	/-	/-	/291	/-
C	955	/-	/-	/-	/233	/-

Wind reactions based on MWFRS
A Brg Width = 8.0 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: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 56 plf at 0.00 to 56 plf at 7.00
BC: From 10 plf at 0.00 to 10 plf at 7.00
BC: 572 lb Conc. Load at 1.06, 3.06, 5.06

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

COA #0278

12/21/2020

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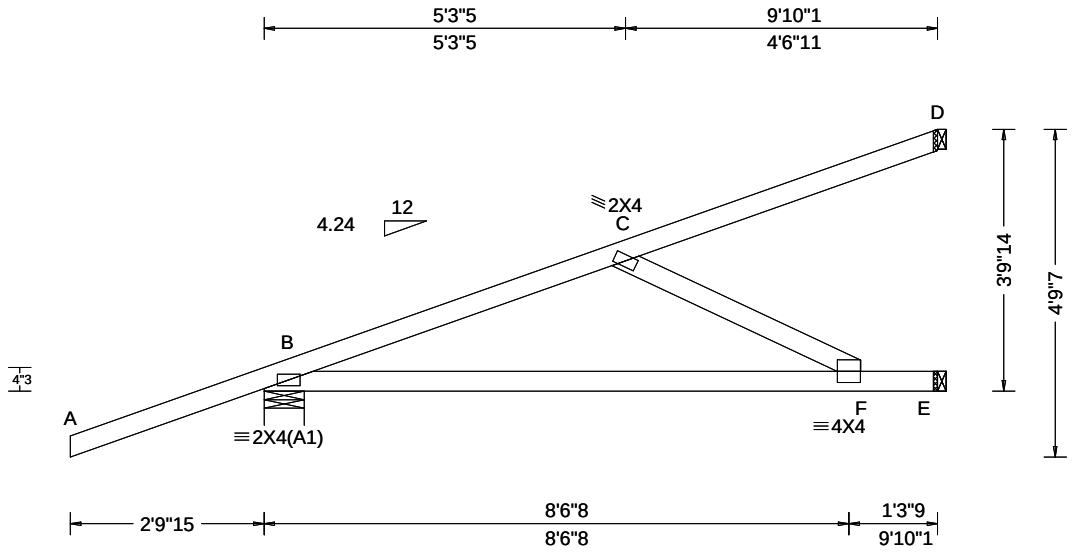
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3902 HIP_ FROM: SDY	Ply: 1 Qty: 3	**Job Number:** 20-4950 Jenkins Res **Truss Label:** HJ7	Cust: R 215 JRef:1X1b2150007 T21 DrwNo: 356.20.0841.49337 / WHK 12/21/2020	



Loading Criteria (psf)
TCLL: 20.00
TCDL: 7.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 37.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: NA
GCpi: 0.18
Wind Duration: 1.60

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

Building 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): 0.130	F	892	240
VERT(CL): 0.237	F	490	180
HORZ(LL): 0.029	C	-	-
HORZ(TL): 0.053	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.820
Max BC CSI: 0.923
Max Web CSI: 0.388

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	489	/-	/-	/-	/132	/-
E	313	/-	/-	/-	/6	/-
D	235	/-	/-	/-	/105	/-

Wind reactions based on MWFRS
B Brg Width = 7.0 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	181	-465

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - F	422	-156

Maximum Web Forces Per Ply (lbs)

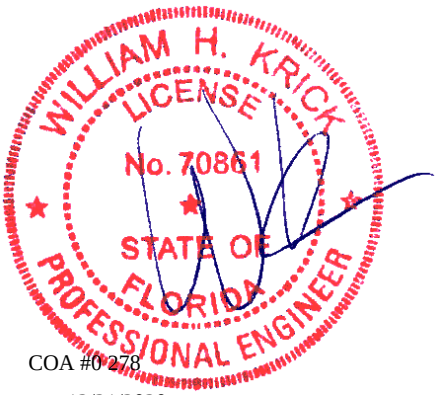
Webs	Tens.	Comp.
C - F	182	-469

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

Loading
Hipjack supports 6-11-8 setback jacks with no webs.

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

Additional Notes
Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (3) 16d common(0.162"x3.5") toe-nails at bottom chord.



COA #0278
12/21/2020

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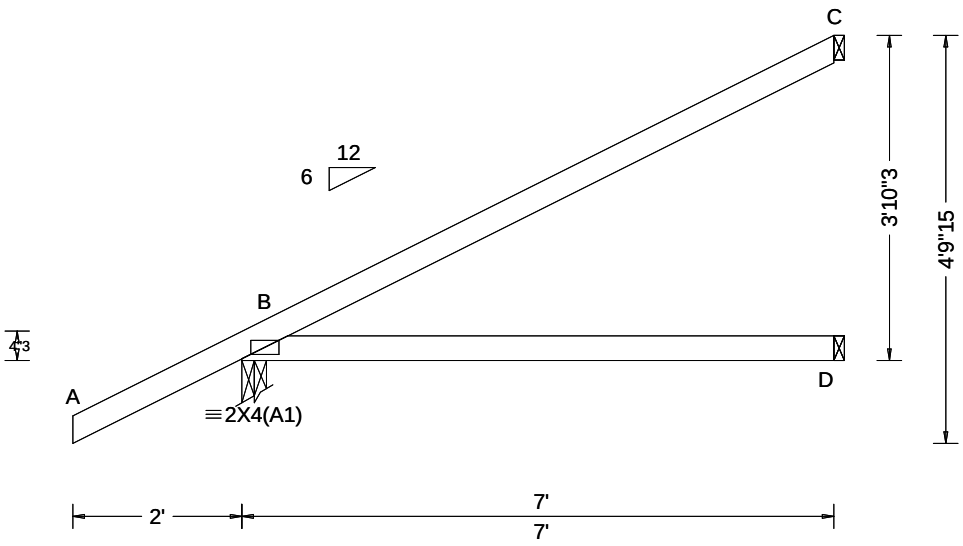
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3896 EJAC FROM: SDY	Ply: 1 Qty: 16	**Job Number:** 20-4950 Jenkins Res **Truss Label:** EJ7	Cust: R 215 JRef:1X1b2150007 T15 DrwNo: 356.20.0841.52333 / WHK 12/21/2020



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 20.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 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): 0.013 D - - HORZ(TL): 0.027 D - - Creep Factor: 2.0 Max TC CSI: 0.609 Max BC CSI: 0.710 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	411	/-	/-	/274	/69	/151
D	186	/-	/-	/67	/-	/-
C	164	/-	/-	/95	/97	/-

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

Lumber

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

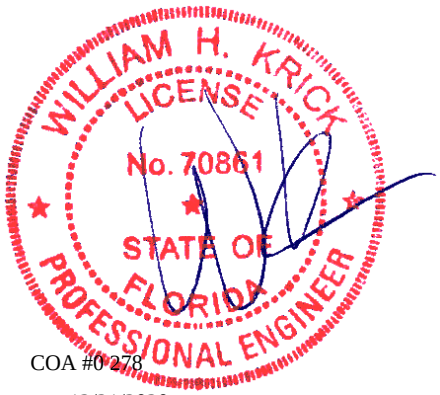
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



COA #0 278

12/21/2020

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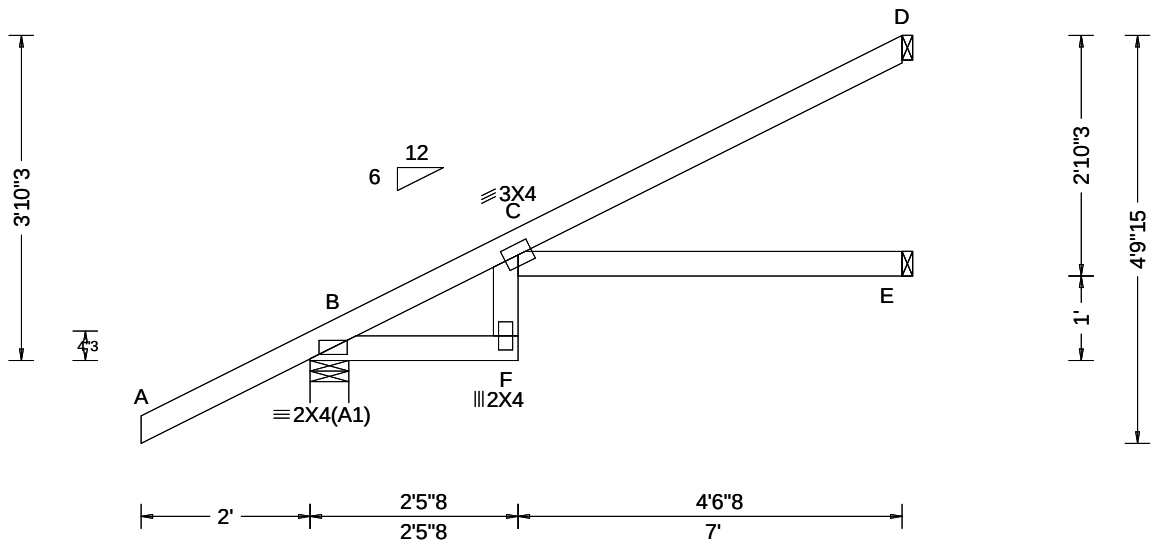
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3899 EJAC FROM: SDY	Ply: 1 Qty: 6	**Job Number:** 20-4950 Jenkins Res **Truss Label:** EJ7A		Cust: R 215 JRef:1X1b2150007 T6 DrwNo: 356.20.0841.50740 / WHK 12/21/2020	



Loading Criteria (psf)
TCLL: 20.00
TCDL: 7.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 37.00
NCBCLL: 20.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 4.2 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

Building 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): 0.174	F	471	240
VERT(CL): 0.321	F	256	180
HORZ(LL): 0.102	E	-	-
HORZ(TL): 0.189	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.800
Max BC CSI: 0.421
Max Web CSI: 0.057

VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	411	/-	/-	/274	/30	/109
E	147	/-	/-	/53	/-	/-
D	180	/-	/-	/108	/60	/-

Wind reactions based on MWFRS
B Brg Width = 5.5 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#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.

COA #0278

12/21/2020

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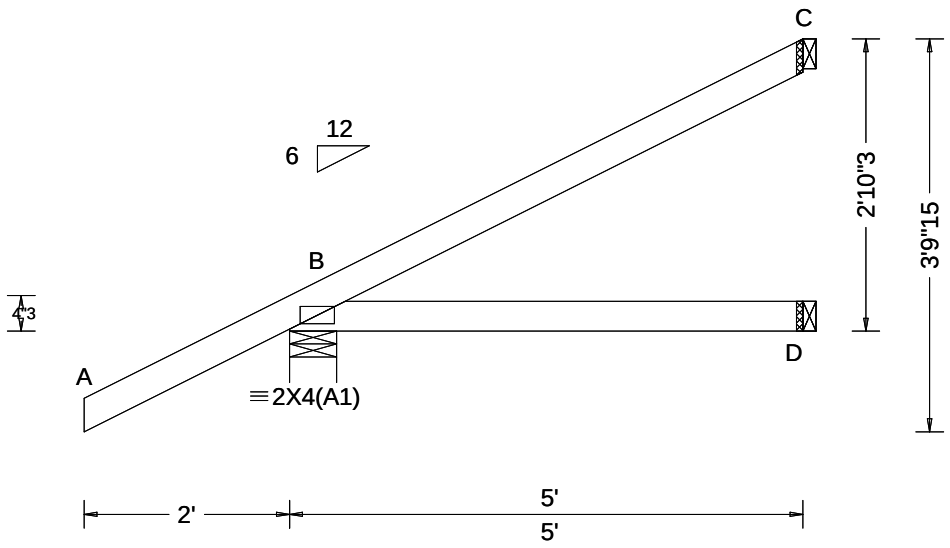
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3893 JACK FROM: SDY	Ply: 1 Qty: 6	**Job Number:** 20-4950 Jenkins Res **Truss Label:** CJ5	Cust: R 215 JRef:1X1b2150007 T12 DrwNo: 356.20.0841.53647 / WHK 12/21/2020



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 7.00	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): 0.004 D - -
Des Ld: 37.00	EXP: C Kzt: NA		HORZ(TL): 0.009 D - -
NCBCLL: 20.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 4.2 psf	FBC 2017 RES	Max TC CSI: 0.379
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.344
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: 20.01.01A.0724.12
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	343	/-	/-	/236	/66	/116
D	129	/-	/-	/46	/-	/-
C	108	/-	/-	/60	/66	/-

Wind reactions based on MWFRS
B Brg Width = 5.5 Min Req = 1.5
D Brg Width = 1.5 Min Req = -
C Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

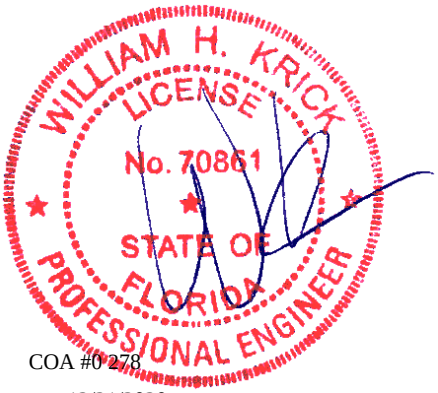
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



COA #0278

12/21/2020

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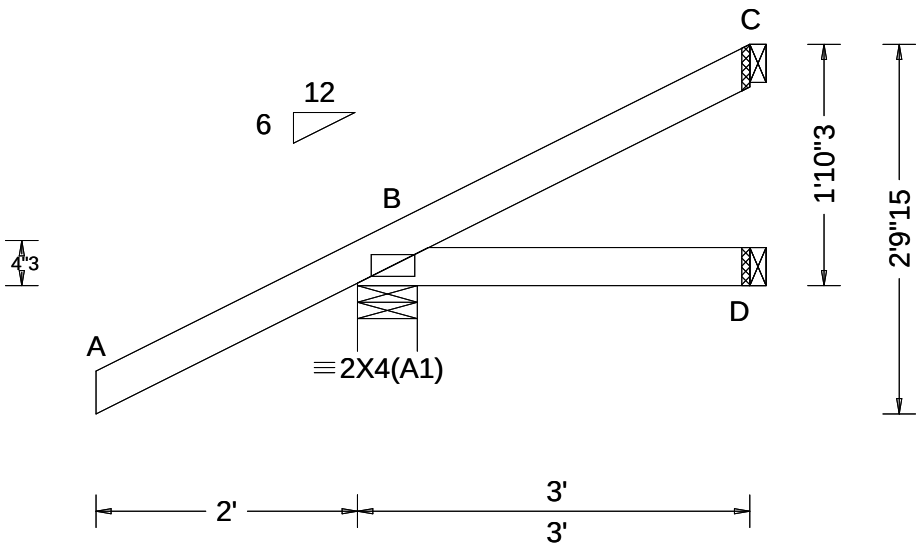
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3890 JACK FROM: SDY	Ply: 1 Qty: 6	**Job Number:** 20-4950 Jenkins Res **Truss Label:** CJ3		Cust: R 215 JRef:1X1b2150007 T13 DrwNo: 356.20.0841.54950 / WHK 12/21/2020	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 20.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 D - - HORZ(TL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.542 Max BC CSI: 0.104 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	288	/-	/-	/208	/66	/81
D	71	/-	/-	/25	/1	/-
C	44	/-	/-	/24	/31	/-

Wind reactions based on MWFRS
B Brg Width = 5.5 Min Req = 1.5
D Brg Width = 1.5 Min Req = -
C Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

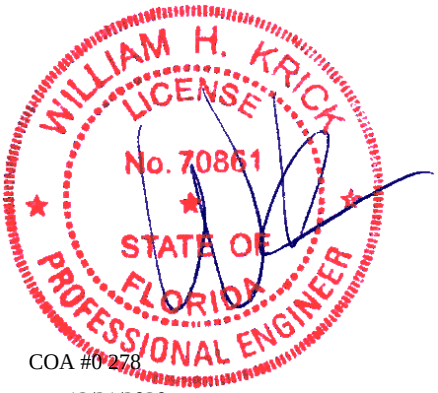
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



COA #0278

12/21/2020

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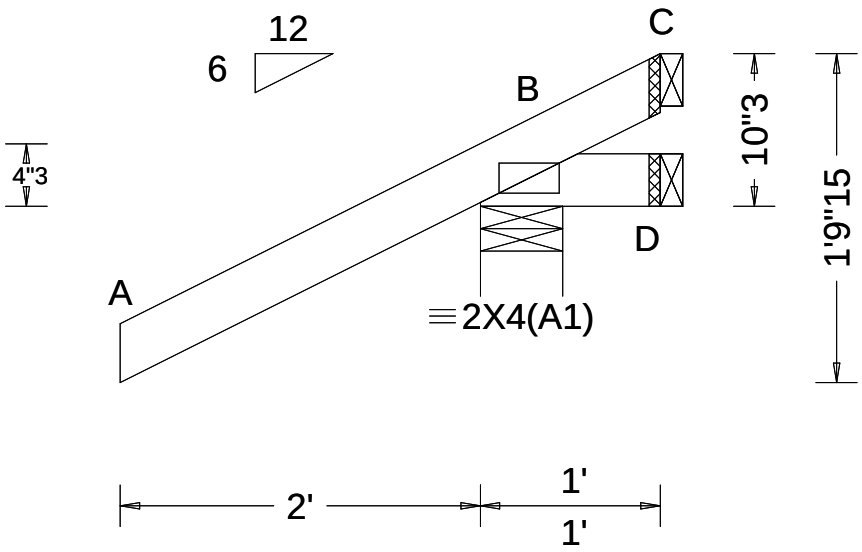
ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 3887 JACK FROM: SDY	Ply: 1 Qty: 6	**Job Number:** 20-4950 Jenkins Res **Truss Label:** CJ1		Cust: R 215 JRef:1X1b2150007 T14 DrwNo: 356.20.0841.56723 / WHK 12/21/2020	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 20.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.542 Max BC CSI: 0.072 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	326	/-	/-	/260	/123	/45
D	7	/-34	/-	/26	/30	/-
C	-	/-96	/-	/60	/88	/-

Wind reactions based on MWFRS
B Brg Width = 5.5 Min Req = 1.5
D Brg Width = 1.5 Min Req = -
C Brg Width = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
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12/21/2020

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CLR Reinforcing Member Substitution

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

Notes:

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

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

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

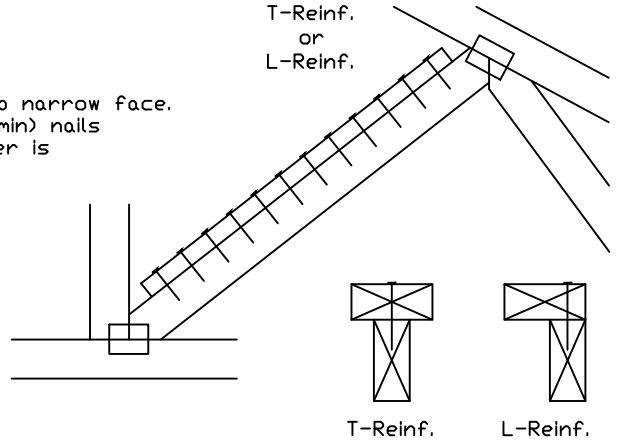
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Alternative Reinforecement Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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

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

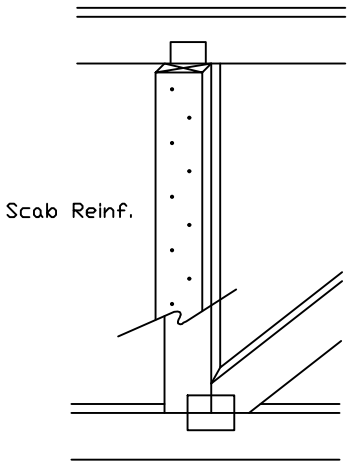
T-Reinforcement or L-Reinforcement:

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



Scab Reinforcement:

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



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

COA #0278 12/21/2020

ALPINE AN ITW COMPANY

514 Earth City Expressway
Suite 242
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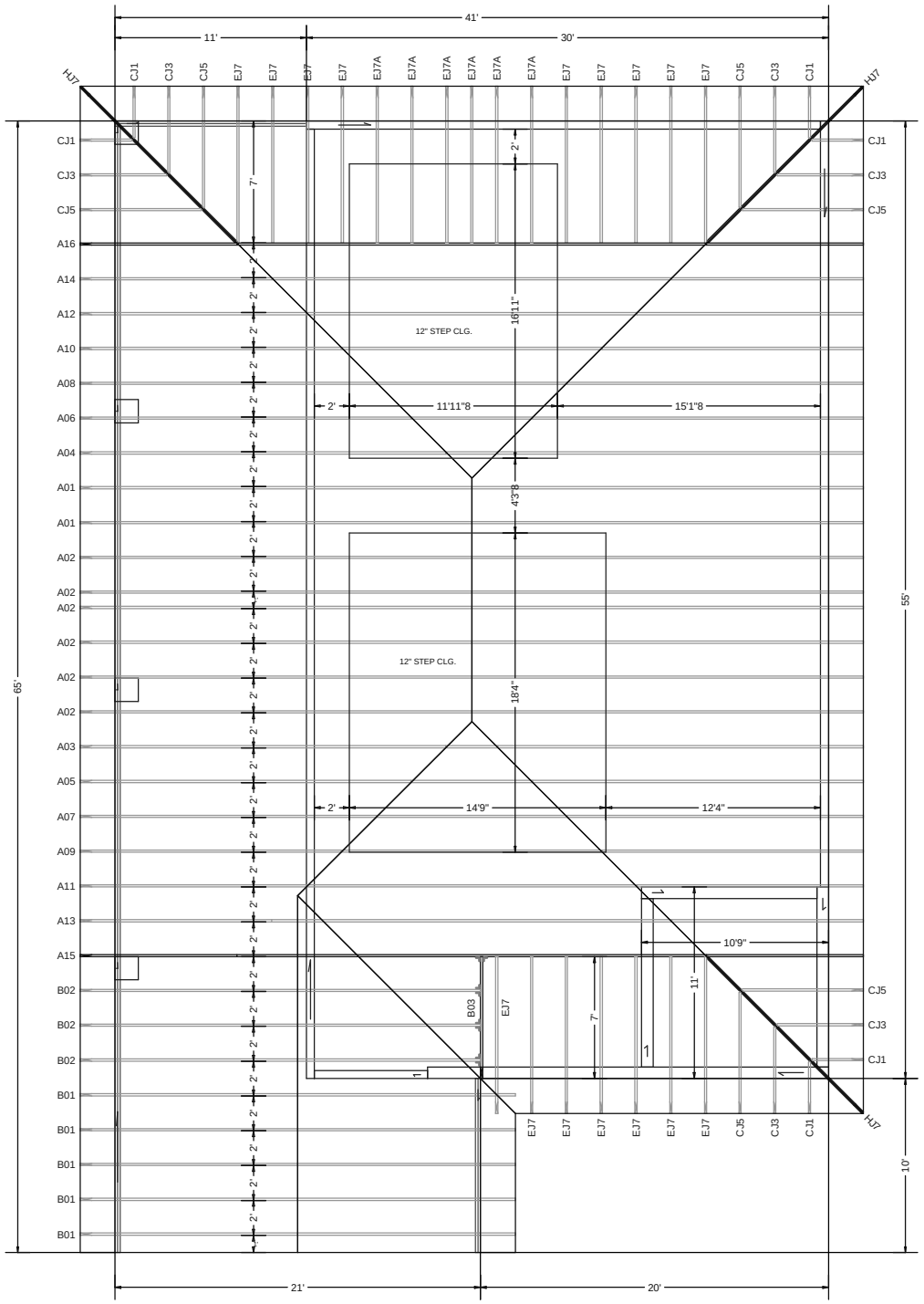
TC LL		PSF
TC DL		PSF
BC DL		PSF
BC LL		PSF
TOT. LD.		PSF
DUR. FAC.		
SPACING		

REF	CLR Subst.
DATE	01/02/19
DRWG	BRCLBSUB0119



W.B. Howland Co., LLC
610 11th St.
Live Oak, Fl. 32064
(386)362-1235
Fax: (386)362-7124
truss@wbhowland.com

ALL BEAMS BY OTHERS

4- HUS26 HGR'S.

10'-1 1/8" PLATE HEIGHT

JOB #: 20-4950

Job Name: Jenkins Res
Customer: SPARKS CONST.
Designer: Steve Yuknavage
ADDRESS:
SALESMAN: Fill in later
: <Not Found>

JOB NO:
20-4950

PAGE NO:
1 OF 1