

ALPINE
AN ITW COMPANY

11/17/2023

FL REQ# 278, David J. Rothweiler, FL PE# 88430

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This item has been electronically signed and sealed by David J. Rothweiler on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Site Information:	**Page 1:**
Customer: Kora Compoments, LLC	*Job Number:* KTQ23455-BLDG-DUPLEX-F2-Rev-1
Job Description: Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D	
Address: PARCEL ID: XXX GLADES COUNTY, FL	

Job Engineering Criteria:	
Design Code: FBC 7th Ed. 2020 Res.	*IntelliVIEW Version:* 22.02.00 *JRef #:* 1XUU94190003
Wind Standard: STDLC_NONE *Wind Speed (mph):* 0 *Building Type:*	*Design Loading (psf):* 58.00

This package contains general notes pages, 26 truss drawing(s) and 1 detail(s).

Item	Drawing Number	Truss
1	321.23.0809.07207	A01
3	321.23.0809.29287	A02-A
5	321.23.0809.38077	A02-C
7	321.23.0809.47767	A02-E
9	321.23.0809.57083	A02-G
11	321.23.0810.11267	A02-I
13	321.23.0810.17830	A03
15	321.23.0810.20727	A05
17	321.23.0810.29390	A07
19	321.23.0810.37270	A09
21	321.23.0810.41420	A11
23	321.23.0810.46043	A13
25	321.23.0810.54150	A15
27	STRBRIBR1014	

Item	Drawing Number	Truss
2	321.23.0809.08667	A02
4	321.23.0809.34680	A02-B
6	321.23.0809.39997	A02-D
8	321.23.0809.53373	A02-F
10	321.23.0810.09380	A02-H
12	321.23.0810.14560	A02-J
14	321.23.0810.19413	A04
16	321.23.0810.27100	A06
18	321.23.0810.30927	A08
20	321.23.0810.39643	A10
22	321.23.0810.43673	A12
24	321.23.0810.48510	A14
26	321.23.0809.03167	A16

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.

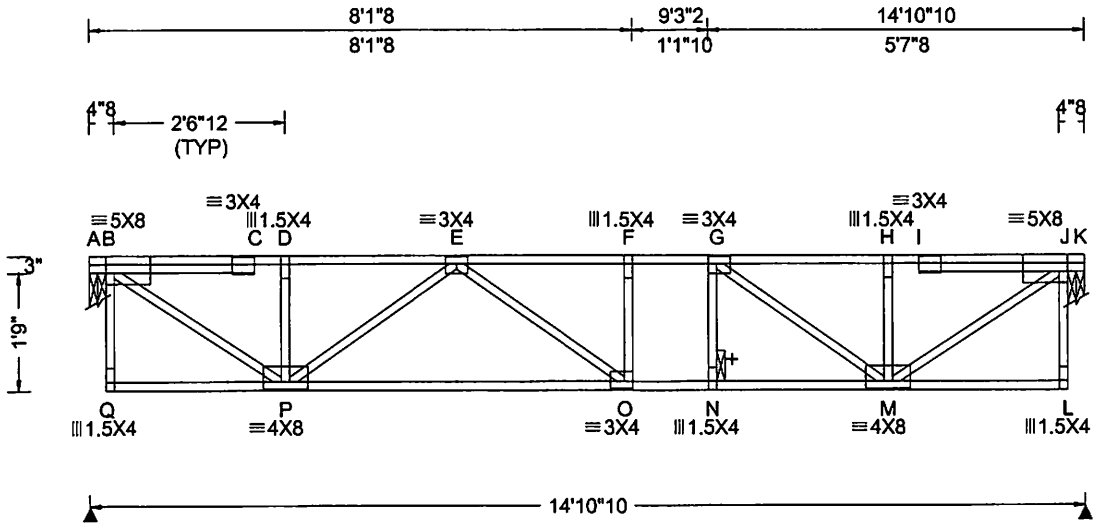
BCDL = Bottom Chord standard design Dead Load in pounds per square foot.
BCLL = Bottom Chord standard design Live Load in pounds per square foot.
CL = Certified lumber.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
FRT = Fire Retardant Treated lumber.
FRT-DB = D-Blaze 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.
FRT-PR = ProWood 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 all load cases.
Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for all load cases.
Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for 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.: 155 Harlem Ave, North Building, 4th Floor, Glenview, IL 60025; www.alpineitw.com.
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www. sbcacomponents.com.

SEQN: 109999 SY42 FROM: JR	Ply: 1 Qty: 6	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A01	Cust: R 9419 JRef: 1XUU94190003 T27 DrwNo: 321.23.0809.07207 / DJR 11/17/2023



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.083 F 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.157 F 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.015 P - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.030 P - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.437
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.490
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.251
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
	Wind Duration: NA		

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	572	/-	/-	/-	/-	/-
J	572	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
J Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings A & J are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

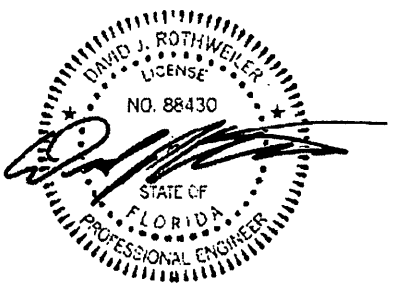
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-735	F - G	0	-1080
C - D	0	-715	G - H	0	-715
D - E	0	-735	H - I	0	-696
E - F	0	-1079	I - J	0	-715

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	1030	0	N - M	1078	0
O - N	1080	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	891	0	M - J	868	0
G - M	0	-467			



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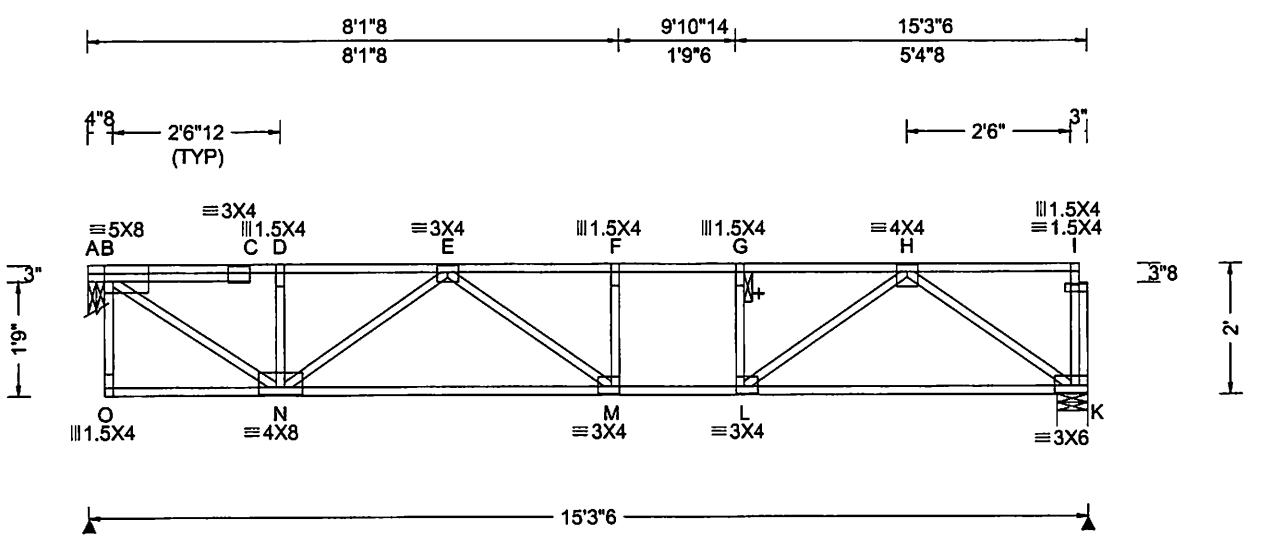
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109998 SY42 FROM: JR	Ply: 1 Qty: 14	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02	Cust: R 9419 JRef: 1XUU94190003 T21 DrwNo: 321.23.0809.08667 / DJR 11/17/2023



Loading Criteria (psf)
TCLL: 30.00
TCDL: 18.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 58.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.107	F	999	640
VERT(CL): 0.231	F	779	360
HORZ(LL): -0.021	N	-	-
HORZ(TL): 0.046	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.539
Max BC CSI: 0.579
Max Web CSI: 0.259

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	585	/-	/-	/-	/-	/-
K	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-756	E - F	0	-1116
C - D	0	-737	F - G	0	-1117
D - E	0	-756	G - H	0	-1110

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1066	0	L - K	664	0
M - L	1117	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	917	0	L - H	565	0
N - E	0	-384	H - K	0	-823

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

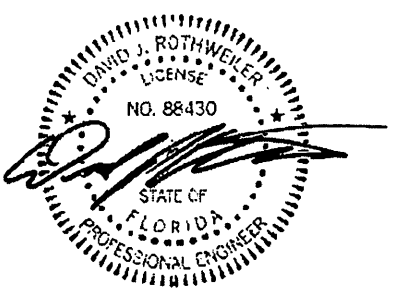
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



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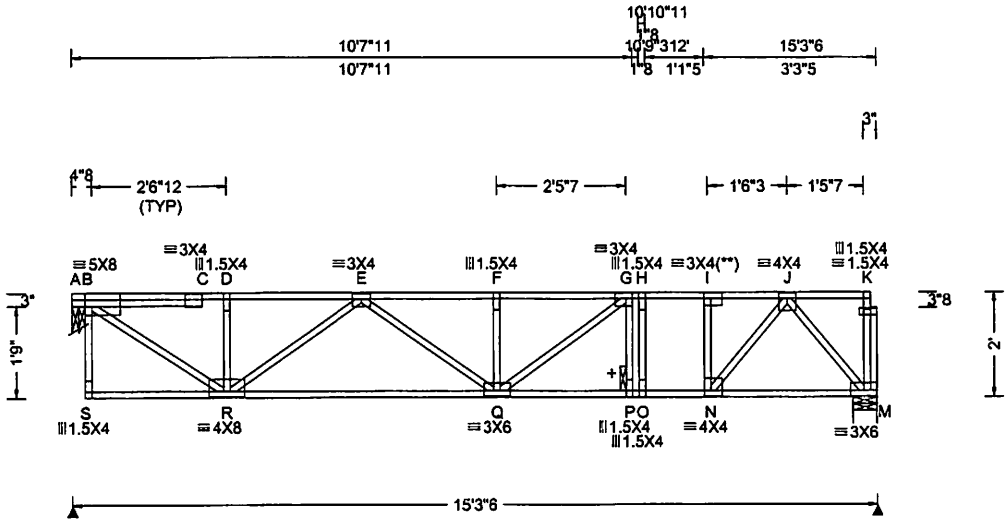
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ALPINE
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Glenview, IL 60025

SEQN: 110013 SY42 FROM: JR	Ply: 1 Qty: 6	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-A		Cust: R 9419 JRef: 1XUU94190003 T31 DrwNo: 321.23.0809.29287 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00
Load Duration:	1.00
Spacing:	16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.123	G	999	640
VERT(CL): 0.240	G	749	360
HORZ(LL): -0.022	R	-	-
HORZ(TL): 0.044	R	-	-

Creep Factor: 2.0
Max TC CSI: 0.658
Max BC CSI: 0.723
Max Web CSI: 0.256

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	585	/-	/-	/-	/-	/-
M	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-749	F - G	0	-1202
C - D	0	-729	G - H	0	-871
D - E	0	-749	H - I	0	-871
E - F	0	-1202	I - J	0	-858

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1065	0	O - N	871	0
Q - P	880	0	N - M	430	0
P - O	871	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - R	909	0	I - N	0	-378
R - E	0	-391	N - J	699	0
Q - G	452	0	J - M	0	-685

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Plating Notes

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

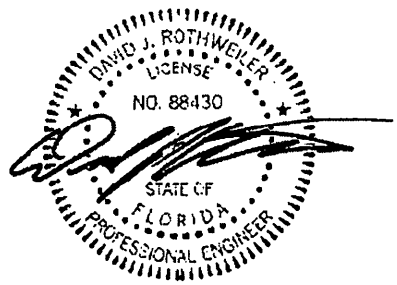
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Live Load

30 psf Live Load for habitable attics and sleeping areas only.

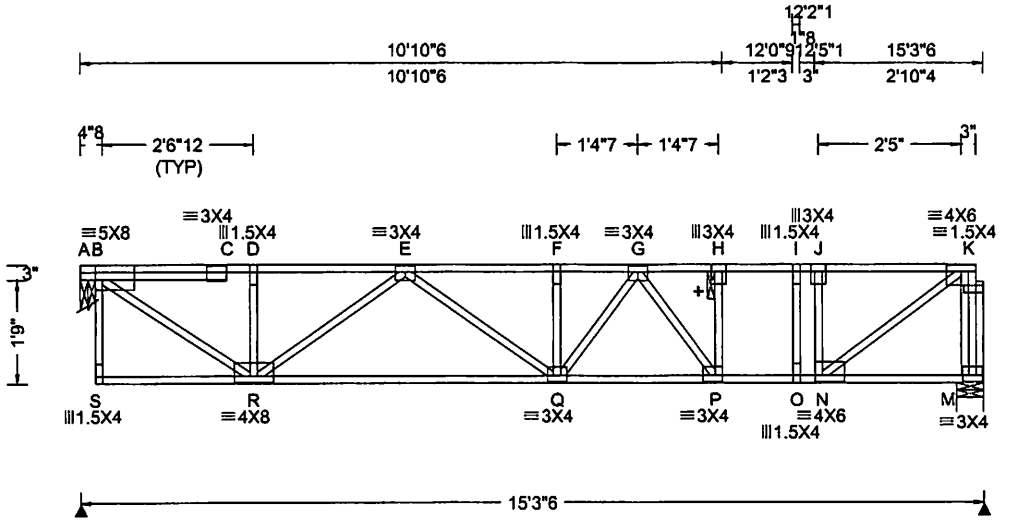


11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109996 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-B	Cust: R 9419 JRef: 1XUU94190003 T13 DrwNo: 321.23.0809.34680 / DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.157 P 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.311 P 570 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.028 R - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.056 R - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.874
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.793
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.269
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
	Wind Duration: NA		

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	578	/-	/-	/-	/-	/-
M	593	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

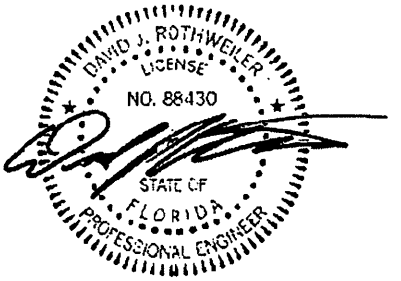
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-736	G - H	0	-767
C - D	0	-716	H - I	0	-759
D - E	0	-736	I - J	0	-759
E - F	0	-1151	J - K	0	-746
F - G	0	-1151			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1049	0	P - O	759	0
Q - P	1044	0	O - N	759	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - R	893	0	J - N	0	-386
R - E	0	-388	N - K	955	0
G - P	0	-512	K - M	0	-614



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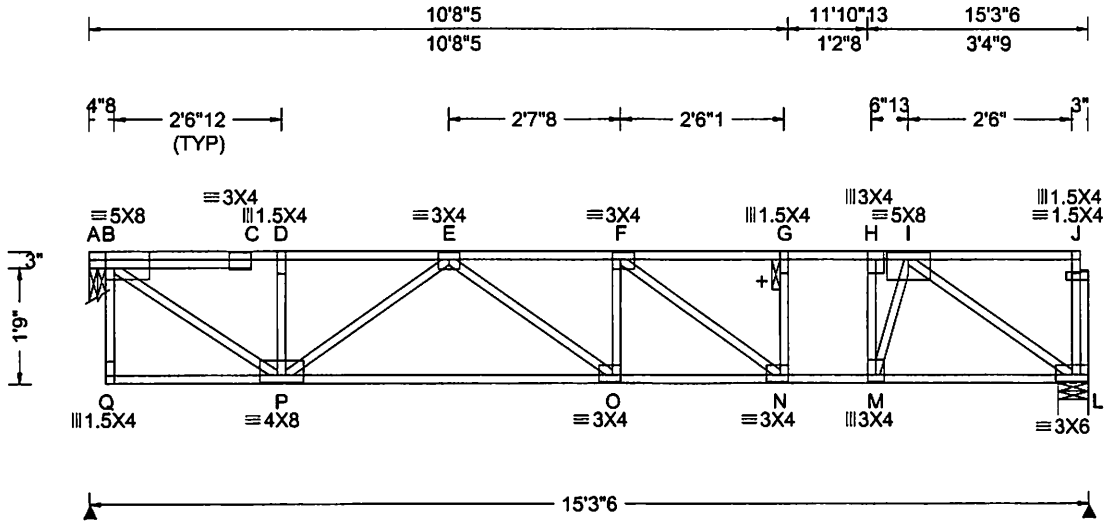
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109995 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-C	Cust: R 9419 JRef: 1XUU94190003 T12 DrwNo: 321.23.0809.38077 / DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.108 N 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.208 N 864 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.020 P - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.038 P - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.668
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.687
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.257
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
	Wind Duration: NA		

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	585	/-	/-	/-	/-	/-
L	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

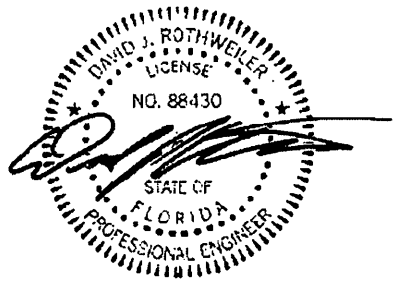
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-750	F - G	0	-885
C - D	0	-730	G - H	0	-881
D - E	0	-750	H - I	0	-867
E - F	0	-1197			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	1064	0	N - M	881	0
O - N	1196	0	M - L	708	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	909	0	H - M	0	-469
P - E	0	-390	M - I	667	0
F - N	0	-422	I - L	0	-878



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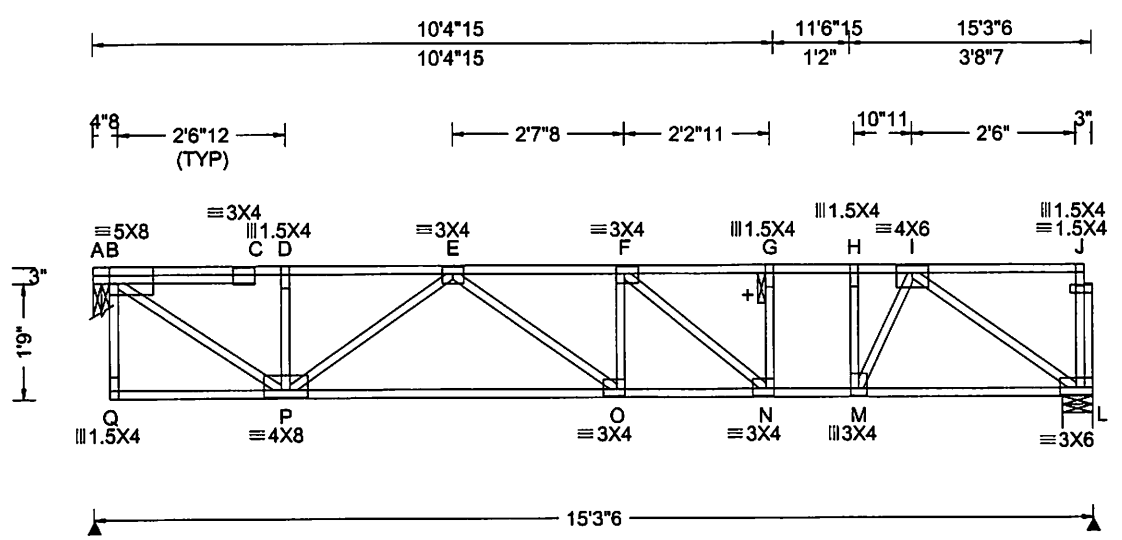
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109994 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-D	Cust: R 9419 JRef: 1XUU94190003 T11 DrwNo: 321.23.0809.39997 / DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.097 N 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.185 N 969 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.018 P - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.034 P - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.616
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.661
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.257
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
	Wind Duration: NA		

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
A	585	/-	/-	/-	/-	/-
L	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

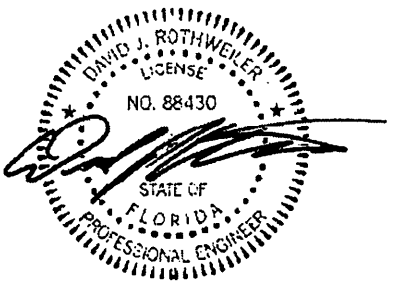
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-750	F - G	0	-922
C - D	0	-730	G - H	0	-919
D - E	0	-750	H - I	0	-908
E - F	0	-1192			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	1065	0	N - M	919	0
O - N	1191	0	M - L	690	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	909	0	M - I	575	0
P - E	0	-390	I - L	0	-855
F - N	0	-389			

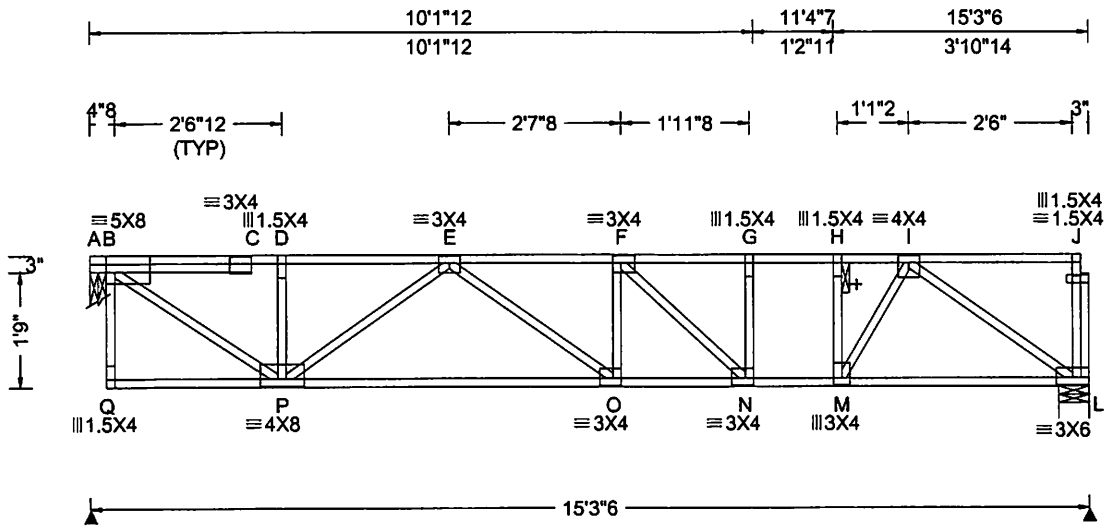


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ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109993 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-E	Cust: R 9419 JRef: 1XUU94190003 T8 DrwNo: 321.23.0809.47767 / DJR 11/17/2023



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.096 N 999 640
BCLL:	0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.184 N 977 360
BCDL:	10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.017 P - -
Des Ld:	58.00	EXP: NA Kzt: NA		HORZ(TL): 0.034 P - -
NCBCLL:	10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.545
Load Duration:	1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.666
Spacing:	16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.257
		C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
		Loc. from endwall: NA	Plate Type(s):	
		I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
		Wind Duration: NA		

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	585	/-	/-	/-	/-	/-
L	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

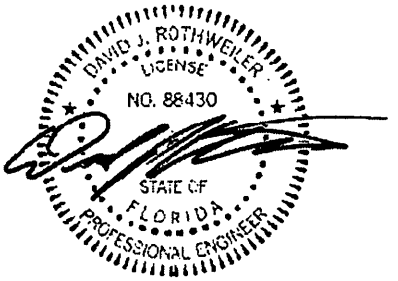
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-750	F - G	0	-948
C - D	0	-730	G - H	0	-945
D - E	0	-750	H - I	0	-934
E - F	0	-1189			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	1065	0	N - M	945	0
O - N	1188	0	M - L	683	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	909	0	M - I	549	0
P - E	0	-391	I - L	0	-847

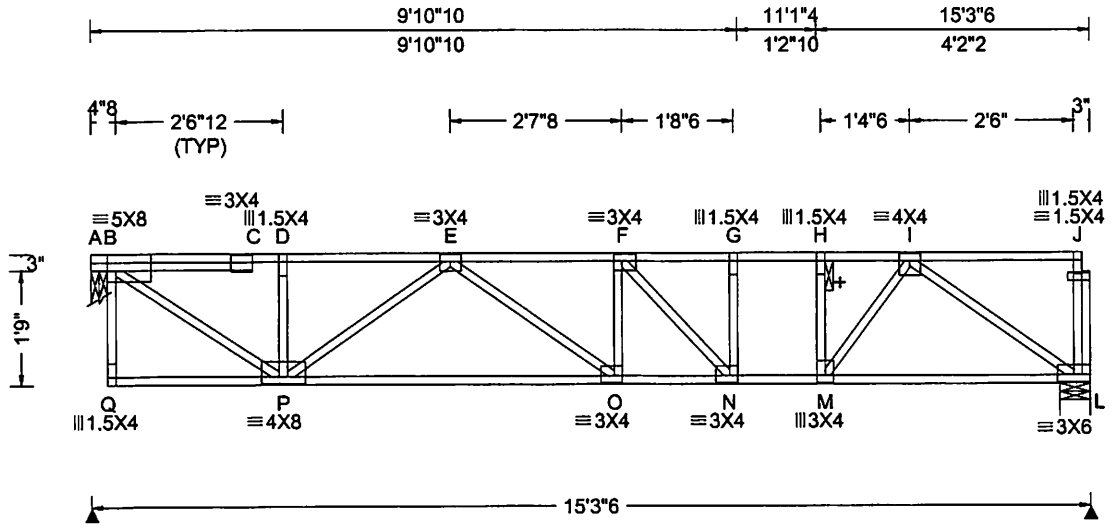


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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109992 SY42	Ply: 1	Job Number: KTQ23455-BLDG-DUPLEX-F2-Rev-1	Cust: R 9419 JRef: 1XUU94190003 T10
FROM: JR	Qty: 2	Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D	DrwNo: 321.23.0809.53373
		Truss Label: A02-F	/ DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.090 F 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.172 N 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.016 P - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.032 P - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.480
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.652
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.257
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
	Wind Duration: NA		

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	585	/-	/-	/-	/-	/-
L	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

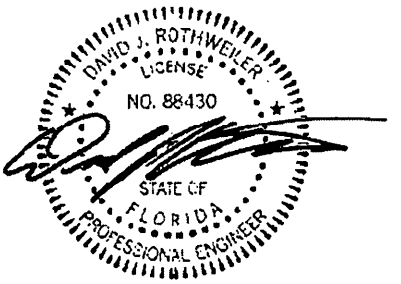
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-750	F - G	0	-977
C - D	0	-730	G - H	0	-973
D - E	0	-750	H - I	0	-964
E - F	0	-1186			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	1066	0	N - M	973	0
O - N	1184	0	M - L	676	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	909	0	M - I	526	0
P - E	0	-391	I - L	0	-838

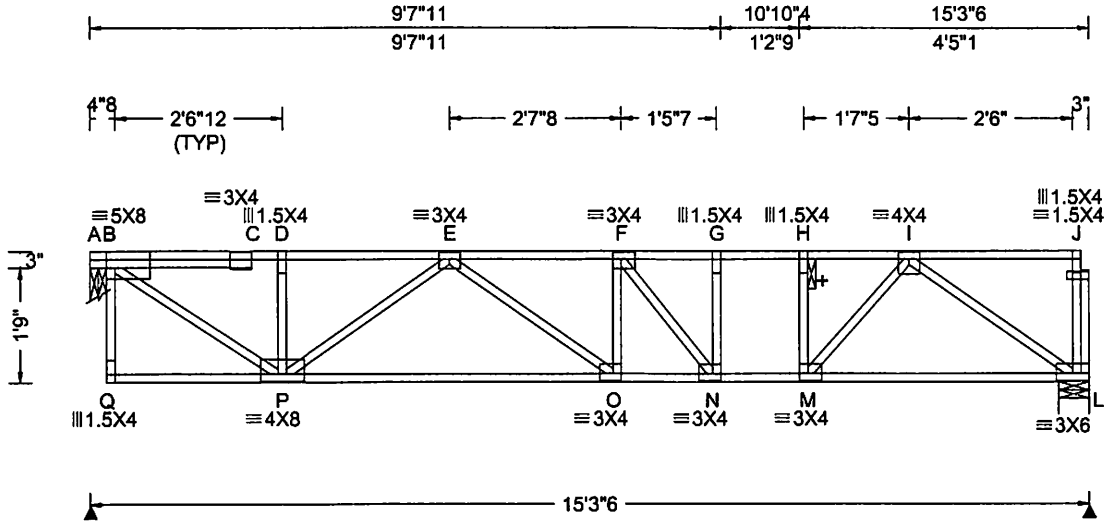


11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109991 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-G	Cust: R 9419 JRef: 1XUU94190003 T9 DrwNo: 321.23.0809.57083 / DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00 TCDL: 18.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 58.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.086 F 999 640 VERT(CL): 0.163 O 999 360 HORZ(LL): -0.015 P - - HORZ(TL): 0.030 P - - Creep Factor: 2.0 Max TC CSI: 0.471 Max BC CSI: 0.637 Max Web CSI: 0.257 VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	585	/-	/-	/-	/-	/-
L	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-750	F - G	0	-1002
C - D	0	-730	G - H	0	-999
D - E	0	-750	H - I	0	-991
E - F	0	-1183			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	1066	0	N - M	999	0
O - N	1181	0	M - L	672	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	909	0	M - I	516	0
P - E	0	-392	I - L	0	-833

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

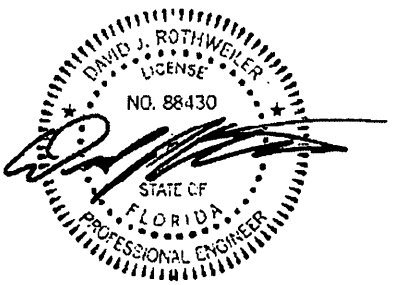
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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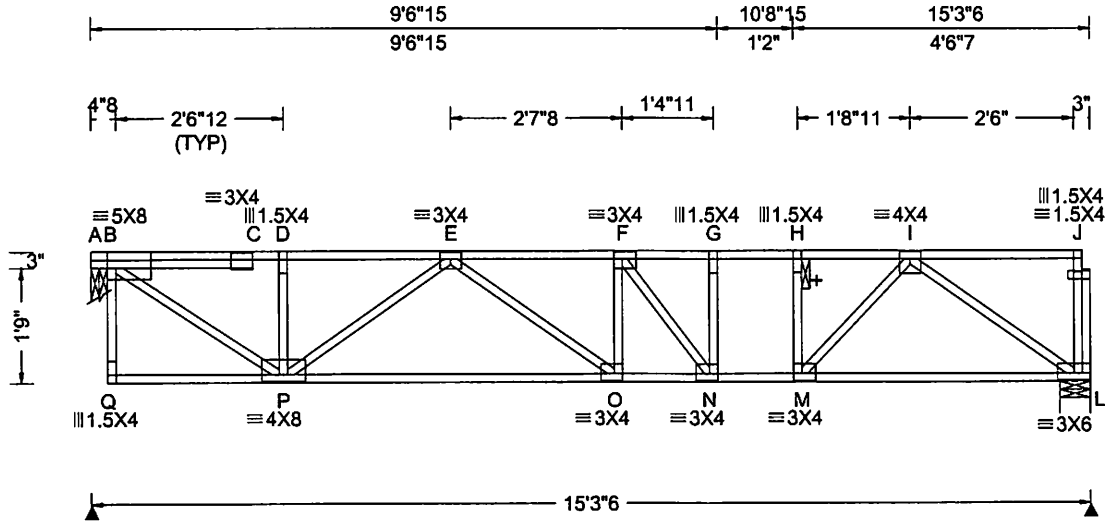
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109990 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-H	Cust: R 9419 JRef: 1XUU94190003 T3 DrwNo: 321.23.0810.09380 / DJR 11/17/2023



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.082 F 999 640
BCLL:	0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.156 O 999 360
BCDL:	10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.014 P - -
Des Ld:	58.00	EXP: NA Kzt: NA		HORZ(TL): 0.028 P - -
NCBCLL:	10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.468
Load Duration:	1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.620
Spacing:	16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.257
		C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
		Loc. from endwall: NA	Plate Type(s):	
		I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
		Wind Duration: NA		

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	585	/-	/-	/-	/-	/-
L	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

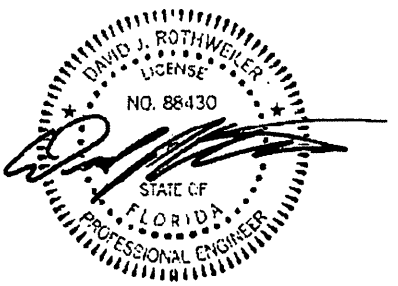
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-750	F - G	0	-1012
C - D	0	-730	G - H	0	-1008
D - E	0	-750	H - I	0	-1001
E - F	0	-1181			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	1066	0	N - M	1008	0
O - N	1180	0	M - L	670	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - P	909	0	M - I	511	0
P - E	0	-392	I - L	0	-831

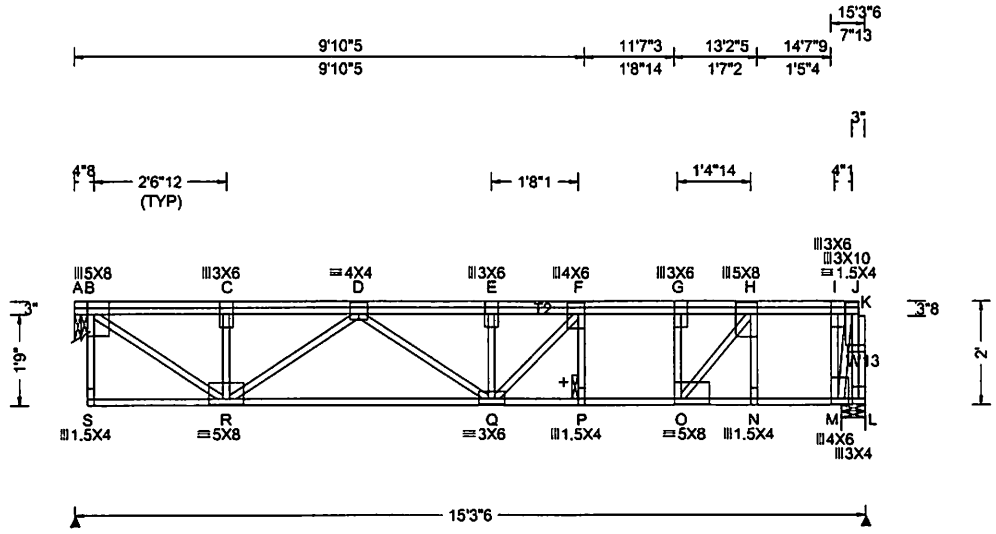


11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 120702 SY42 FROM: JR	Ply: 1 Qty: 4	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-I	Cust: R 9419 JRef:1XUU94190003 T1 DrwNo: 321.23.0810.11267 / DJR 11/17/2023



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.182 F 987 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.351 F 512 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.030 R - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.059 R - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.703
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.512
Spacing: 20.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.377
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.21
	Wind Duration: NA		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	735	/-	/-	/-	/-	/-
L	732	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & M are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-964	F - G	0	-1237
C - D	0	-964	G - H	0	-1213
D - E	0	-1536	H - I	0	-402
E - F	0	-1536			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	1377	0	O - N	417	0
Q - P	1243	0	N - M	402	0
P - O	1237	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - R	1169	0	H - N	0	-435
R - D	0	-505	I - M	0	-1210
Q - F	482	0	M - J	1966	0
G - O	0	-695	J - K	0	-1202
O - H	1337	0	K - L	0	-1206

Lumber

Top chord: 4x2 SP 2400f-2.0E; T2 4x2 SPF #1/#2;
Bot chord: 4x2 SP 2400f-2.0E;
Webs: 4x2 SPF #1/#2; W13 4x2 SP 2400f-2.0E;

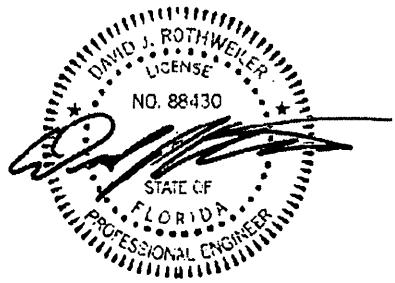
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



FL REQ# 278, David J. Rothweiler, FL PE# 88430

11/17/2023

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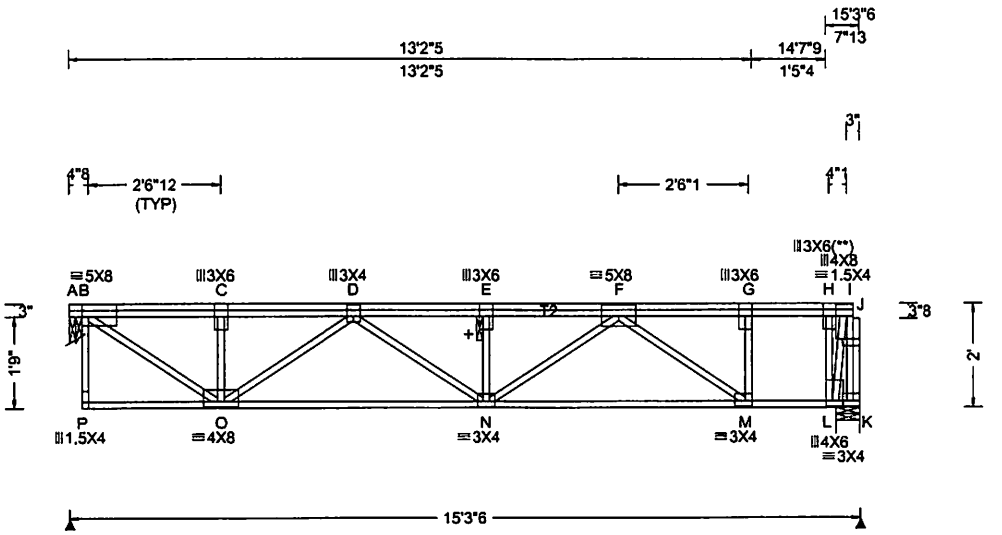
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AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109988 SY42 FROM: JR	Ply: 1 Qty: 10	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A02-J	Cust: R 9419 JRef: 1XUU94190003 T19 DrwNo: 321.23.0810.14560 / DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.146 M 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.282 M 637 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.023 O - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.044 O - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.607
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.358
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.490
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
	Wind Duration: NA		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	588	/-	/-	/-	/-	/-
K	585	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-766	D - E	0	-1227
C - D	0	-766	E - F	0	-1227

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	1109	0	N - M	1022	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - O	929	0	L - I	1738	0
O - D	0	-420	I - J	0	-966
F - M	0	-809	J - K	0	-969
H - L	0	-1178			

Lumber

Top chord: 4x2 SP 2400f-2.0E; T2 4x2 SPF #1/#2;
Bot chord: 4x2 SP 2400f-2.0E;
Webs: 4x2 SPF #1/#2;

Plating Notes

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

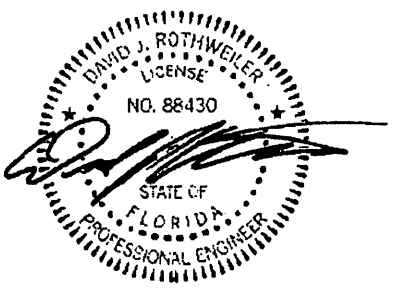
Additional Notes

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Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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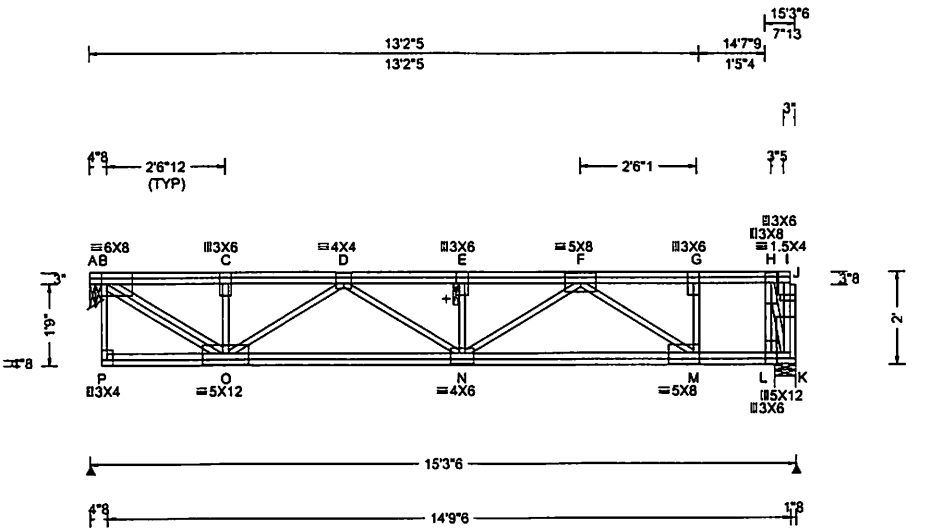
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 109987 SY42 FROM: JR	Ply: 1 Qty: 4	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A03	Cust: R 9419 JRef: 1XUU94190003 T30 DrwNo: 321.23.0810.17830 / DJR 11/17/2023



Loading Criteria (psf)
TCLL: 30.00
TCDL: 18.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 58.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.156	M	999	640
VERT(CL): 0.306	M	587	360
HORZ(LL): -0.026	O	-	-
HORZ(TL): 0.050	O	-	-

Creep Factor: 2.0
Max TC CSI: 0.633
Max BC CSI: 0.545
Max Web CSI: 0.315

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A	1179 /-	/-	/-	/-	/-
K	955 /-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & L are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1653	E - F	0	-2332
C - D	0	-1653	F - G	0	-668
D - E	0	-2332	G - H	0	-652

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	2284	0	M - L	652	0
N - M	1824	0	L - K	468	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - O	1983	0	M - G	464	0
C - O	0	-600	L - H	1247	0
O - D	0	-764	H - K	0	-3090
N - F	615	0	I - J	1231	0
F - M	0	-1422	J - K	1228	0

Lumber

Top chord: 4x2 SP 2400f-2.0E;
Bot chord: 4x2 SP 2400f-2.0E;
Webs: 4x2 SP 2400f-2.0E;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	96 plf at	0.00 to	96 plf at	1.49
TC: From	149 plf at	1.49 to	149 plf at	6.49
TC: From	96 plf at	6.49 to	96 plf at	15.16
BC: From	20 plf at	0.25 to	20 plf at	15.28

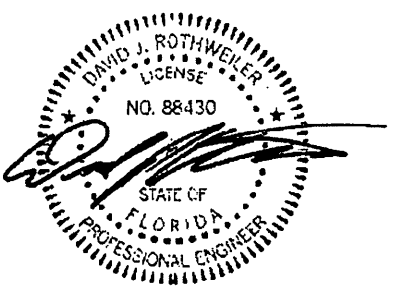
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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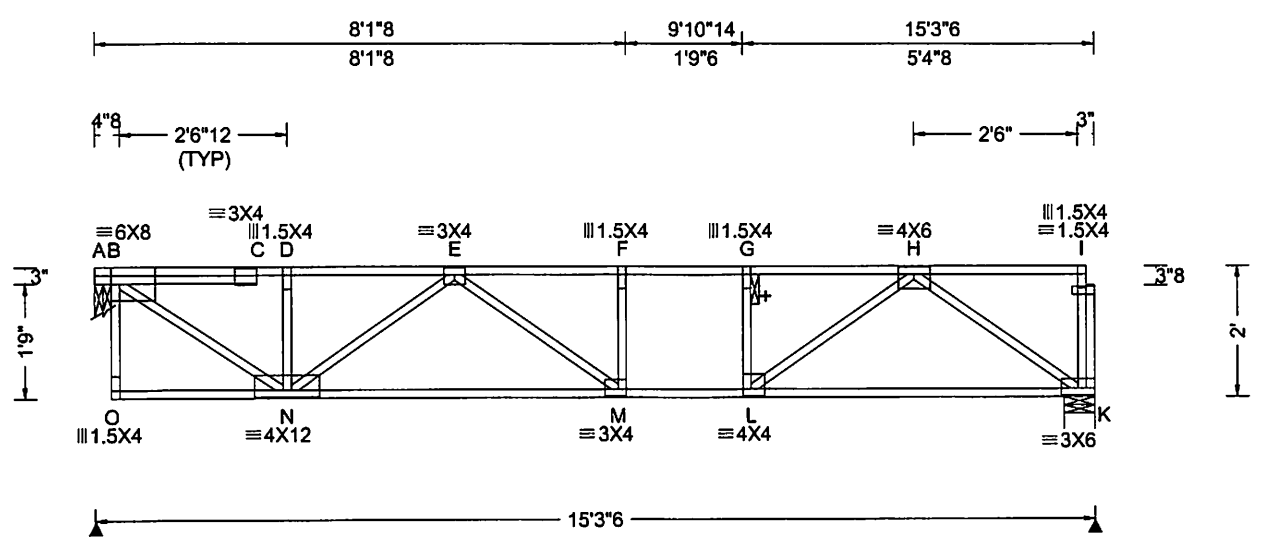
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109986 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A04	Cust: R 9419 JRef:1XUU94190003 T28 DrwNo: 321.23.0810.19413 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.133	F	999	640
VERT(CL): 0.273	F	658	360
HORZ(LL): -0.025	N	-	-
HORZ(TL): 0.054	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.562
Max BC CSI: 0.751
Max Web CSI: 0.363

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	846	/-	/-	/-	/-	/-
K	660	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1061	E - F	0	-1361
C - D	0	-1031	F - G	0	-1359
D - E	0	-1061	G - H	0	-1349

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1444	0	L - K	762	0
M - L	1359	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	1286	0	L - H	743	0
N - E	0	-474	H - K	0	-944

Lumber

Top chord: 4x2 SP 2400f-2.0E;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	117 plf at	0.00 to	117 plf at	1.29
TC: From	64 plf at	1.29 to	64 plf at	1.69
TC: From	117 plf at	1.69 to	117 plf at	6.69
TC: From	64 plf at	6.69 to	64 plf at	15.16
BC: From	13 plf at	0.25 to	13 plf at	15.28

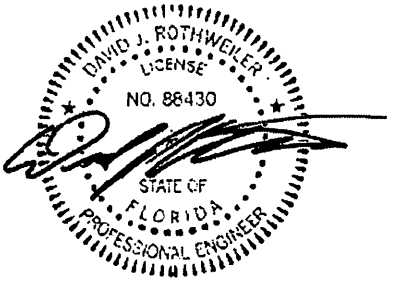
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

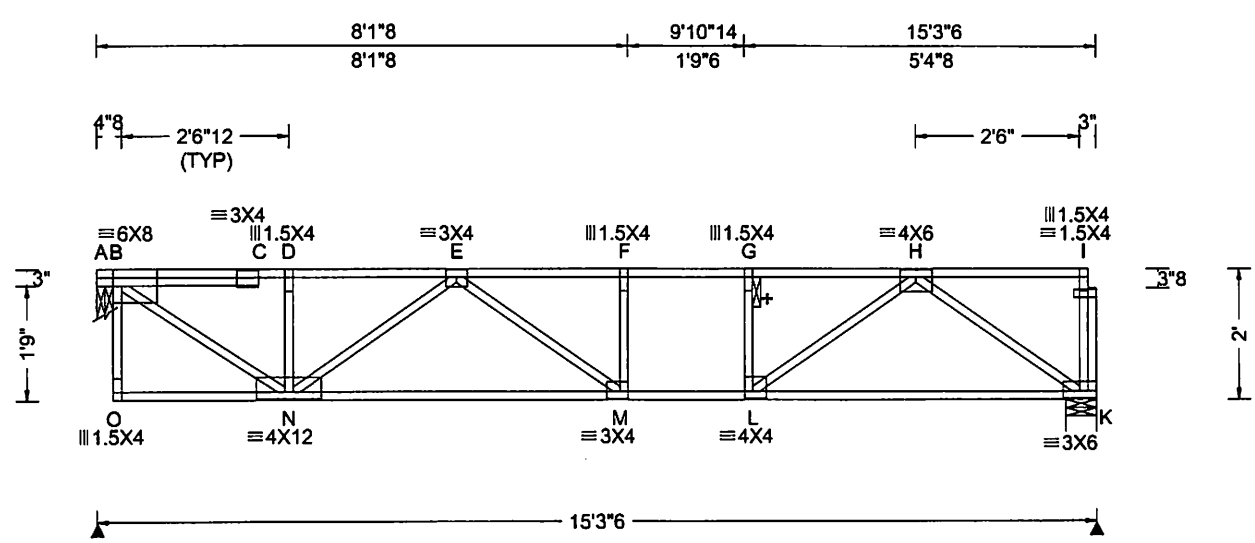


11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109985 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A05	Cust: R 9419 JRef:1XUU94190003 T32 DrwNo: 321.23.0810.20727 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.119 F	999	640
VERT(CL):	0.273 F	658	360
HORZ(LL):	-0.024 N	-	-
HORZ(TL):	0.054 N	-	-

Creep Factor: 2.0
Max TC CSI: 0.562
Max BC CSI: 0.751
Max Web CSI: 0.345

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	813	/-	/-	/-	/-	/-
K	588	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1007	E - F	0	-1189
C - D	0	-978	F - G	0	-1187
D - E	0	-1007	G - H	0	-1176

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1342	0	L - K	664	0
M - L	1187	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	1221	0	L - H	743	0
N - E	0	-415	H - K	0	-823

Lumber

Top chord: 4x2 SP 2400f-2.0E;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	117 plf at	0.00 to	117 plf at	1.29
TC: From	64 plf at	1.29 to	64 plf at	15.16
BC: From	13 plf at	0.25 to	13 plf at	15.28

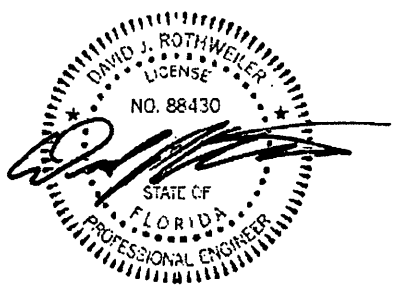
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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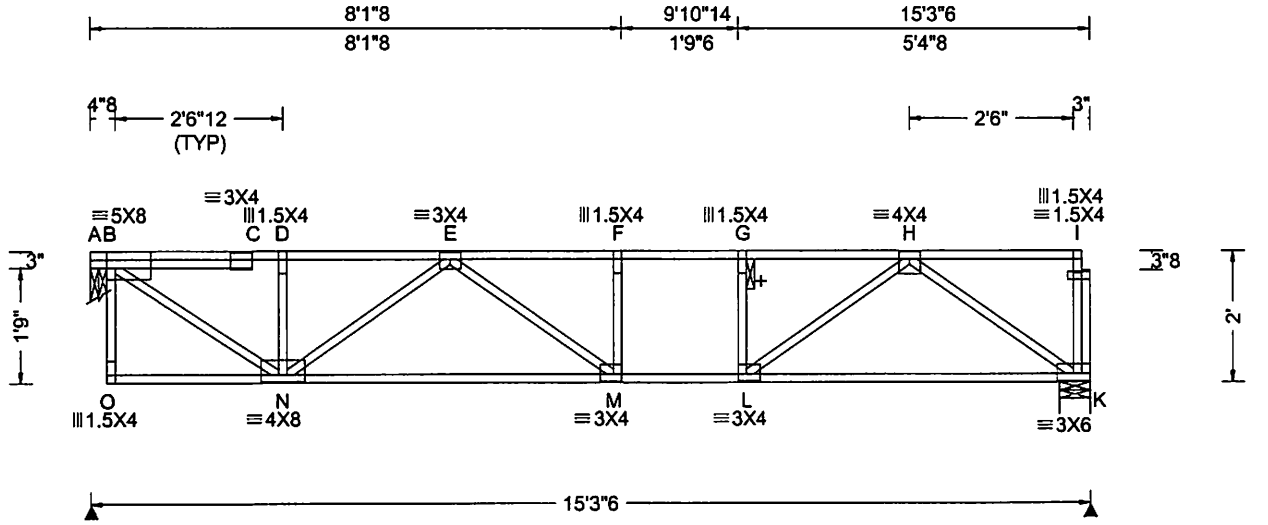
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109984 SY42 FROM: JR	Ply: 1 Qty: 4	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A06	Cust: R 9419 JRef: 1XUU94190003 T29 DrwNo: 321.23.0810.27100 / DJR 11/17/2023



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL:	30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL:	18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.120 F 999 640
BCLL:	0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.254 F 706 360
BCDL:	10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.023 N - -
Des Ld:	58.00	EXP: NA Kzt: NA		HORZ(TL): 0.052 N - -
NCBCLL:	10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit:	2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.693
Load Duration:	1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.675
Spacing:	16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Varies by Ld Case	Max Web CSI: 0.295
		C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
		Loc. from endwall: NA	Plate Type(s):	
		I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
		Wind Duration: NA		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	730	/-	/-	/-	/-	/-
K	600	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-863	E - F	0	-1164
C - D	0	-834	F - G	0	-1165
D - E	0	-863	G - H	0	-1157

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1138	0	L - K	684	0
M - L	1165	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	1046	0	H - K	0	-848
L - H	599	0			

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

-----(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	117 plf at	0.00 to	117 plf at	2.99
TC: From	64 plf at	2.99 to	64 plf at	15.16
BC: From	13 plf at	0.25 to	13 plf at	15.28

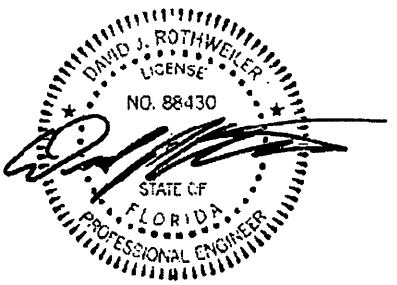
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.

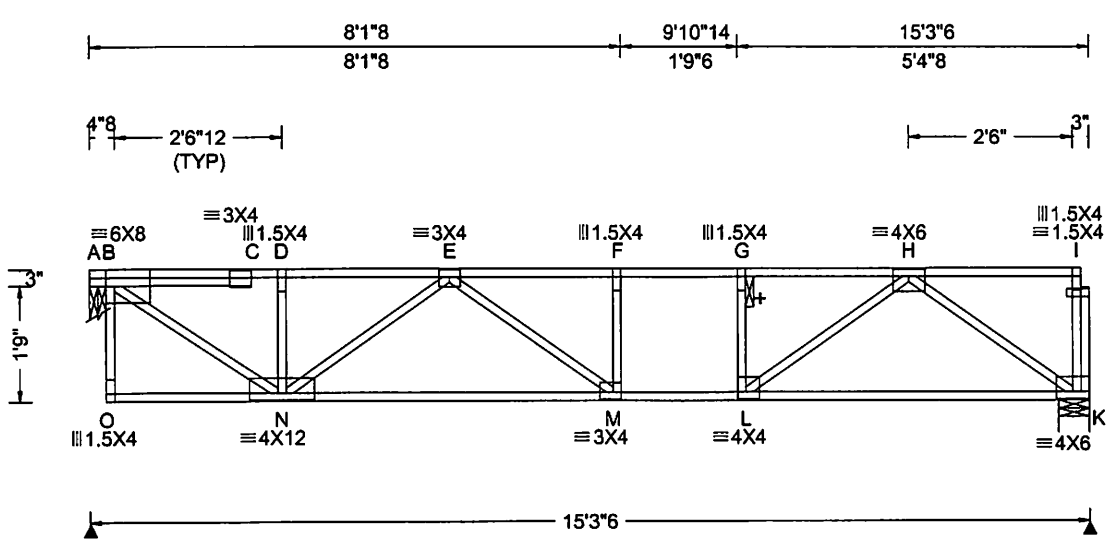


11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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

ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109983 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A07	Cust: R 9419 JRef: 1XUU94190003 T18 DrwNo: 321.23.0810.29390 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.130 F	999	640
VERT(CL):	0.264 F	680	360
HORZ(LL):	-0.024 N	-	-
HORZ(TL):	0.052 N	-	-

Creep Factor: 2.0
Max TC CSI: 0.794
Max BC CSI: 0.734
Max Web CSI: 0.349

VIEW Ver: 22.02.00.0914.11

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	833	/-	/-	/-	/-	/-
K	826	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & K are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	0	-1020	E - F	0	-1603
C - D	0	-989	F - G	0	-1608
D - E	0	-1020	G - H	0	-1596

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1432	0	L - K	991	0
M - L	1608	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	1236	0	L - H	756	0
N - E	0	-511	H - K	0	-1228

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	117 plf at	0.00 to	117 plf at	2.99
TC: From	64 plf at	2.99 to	64 plf at	7.32
TC: From	117 plf at	7.32 to	117 plf at	13.49
TC: From	64 plf at	13.49 to	64 plf at	15.16
BC: From	13 plf at	0.25 to	13 plf at	15.28

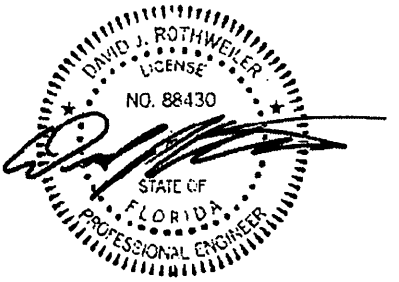
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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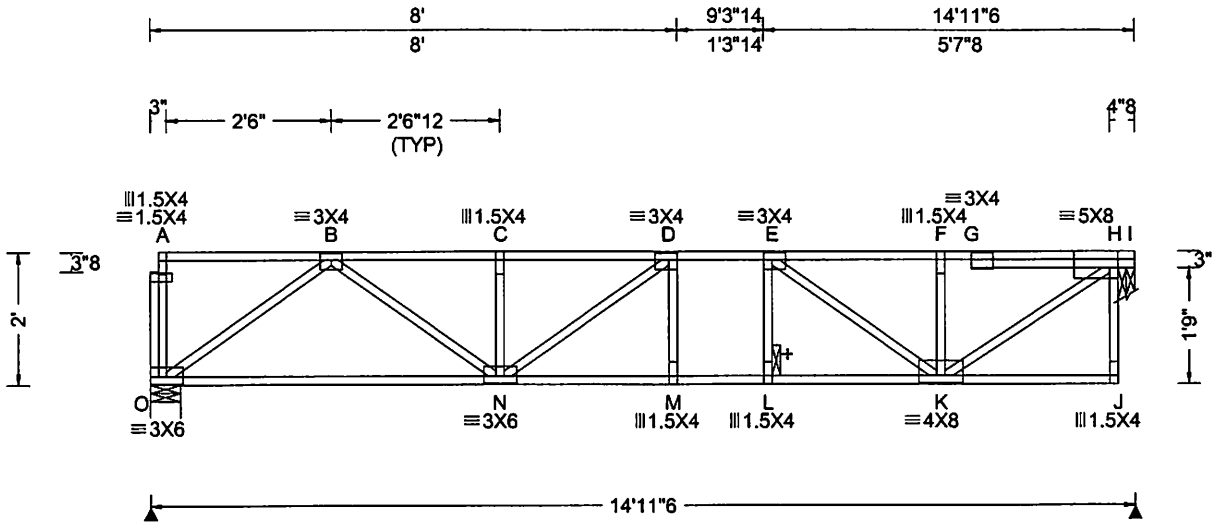
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109982 SY42 FROM: JR	Ply: 1 Qty: 18	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A08	Cust: R 9419 JRef:1XUU94190003 T4 DrwNo: 321.23.0810.30927 / DJR 11/17/2023



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL:	30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL:	18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.074 D 999 640	
BCLL:	0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.144 D 999 360	
BCDL:	10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.015 B - -	
Des Ld:	58.00	EXP: NA Kzt: NA		HORZ(TL): 0.032 B - -	
NCBCLL:	10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0	
Soffit:	2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.444	
Load Duration:	1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.528	
Spacing:	16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.245	
		C&C Dist a: NA ft	FT/RT:12(0)/10(0)		
		Loc. from endwall: NA	Plate Type(s):		
		I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11	
		Wind Duration: NA			

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	572	/-	/-	/-	/-	/-
H	572	/-	/-	/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1044	E - F	0	-717
C - D	0	-1044	F - G	0	-698
D - E	0	-1073	G - H	0	-717

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	645	0	M - L	1073	0
N - M	1075	0	L - K	1070	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-799	E - K	0	-456
B - N	495	0	K - H	870	0

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

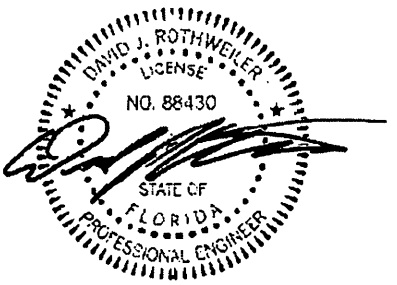
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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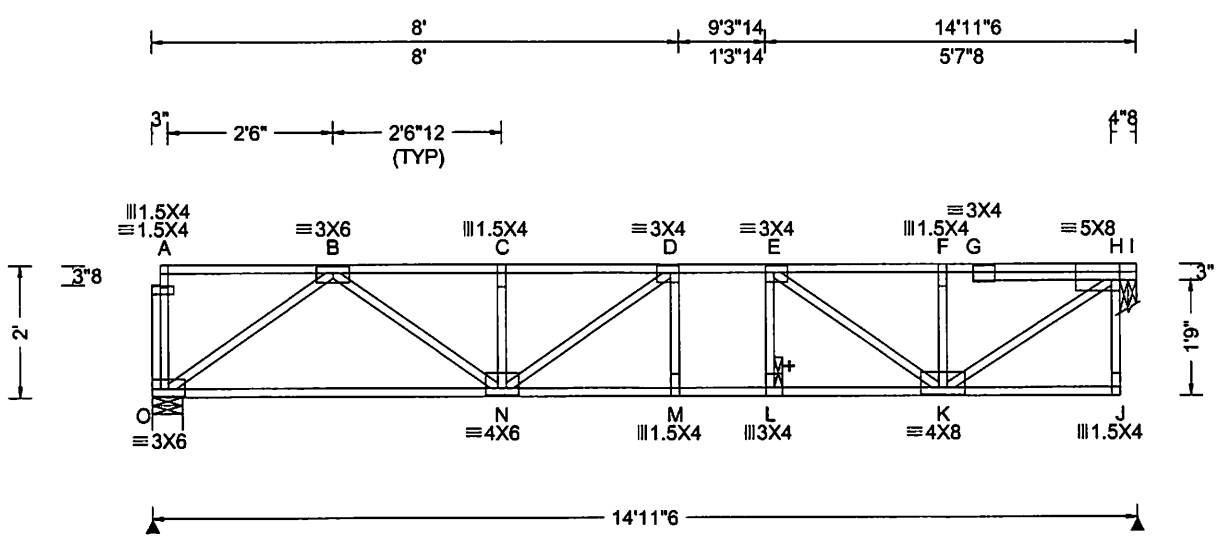
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109981 SY42 FROM: JR	Ply: 1 Qty: 6	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A09	Cust: R 9419 JRef:1XUU94190003 T5 DrwNo: 321.23.0810.37270 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.112	D	999	640
VERT(CL): 0.216	D	811	360
HORZ(LL): 0.024	B	-	-
HORZ(TL): 0.048	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.704
Max BC CSI: 0.888
Max Web CSI: 0.300

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
O	696 /-	/-	/-	/-	/-
H	736 /-	/-	/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1392	E - F	0	-875
C - D	0	-1392	F - G	0	-852
D - E	0	-1394	G - H	0	-875

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	814	0	M - L	1394	0
N - M	1399	0	L - K	1389	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-1008	E - K	0	-662
B - N	717	0	K - H	1062	0

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	64 plf at	0.12 to	64 plf at	4.56
TC: From	117 plf at	4.56 to	117 plf at	8.56
TC: From	64 plf at	8.56 to	64 plf at	13.47
TC: From	117 plf at	13.47 to	117 plf at	14.85
TC: From	64 plf at	14.85 to	64 plf at	14.95
BC: From	13 plf at	0.00 to	13 plf at	14.70

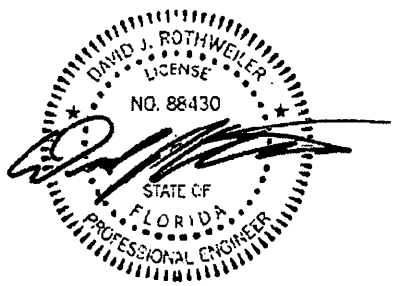
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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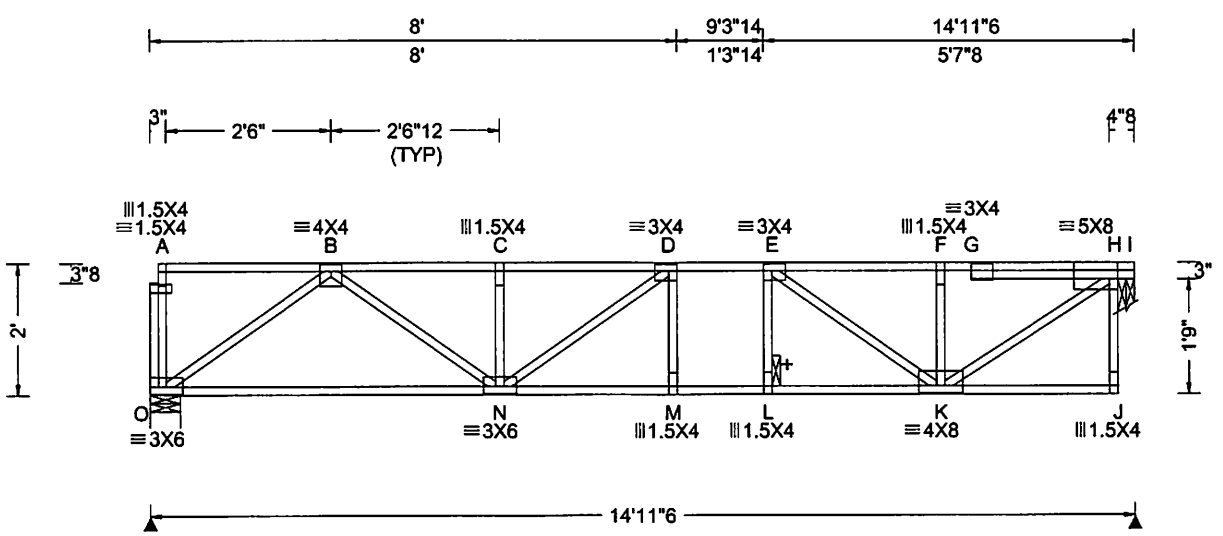
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109980 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A10	Cust: R 9419 JRef: 1XUU94190003 T7 DrwNo: 321.23.0810.39643 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.075 D	999	640
VERT(CL):	0.145 D	999	360
HORZ(LL):	0.016 B	-	-
HORZ(TL):	0.032 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.577
Max BC CSI: 0.581
Max Web CSI: 0.254

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
O	576 /-	/-	/-	/-	/-
H	643 /-	/-	/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1053	E - F	0	-742
C - D	0	-1053	F - G	0	-720
D - E	0	-1088	G - H	0	-742

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	650	0	M - L	1088	0
N - M	1090	0	L - K	1085	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-805	E - K	0	-450
B - N	500	0	K - H	900	0

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	64 plf at	0.12 to	64 plf at	13.47
TC: From	117 plf at	13.47 to	117 plf at	14.85
TC: From	64 plf at	14.85 to	64 plf at	14.95
BC: From	13 plf at	0.00 to	13 plf at	14.70

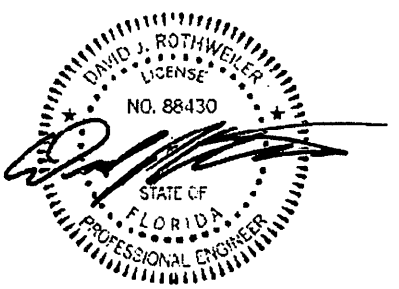
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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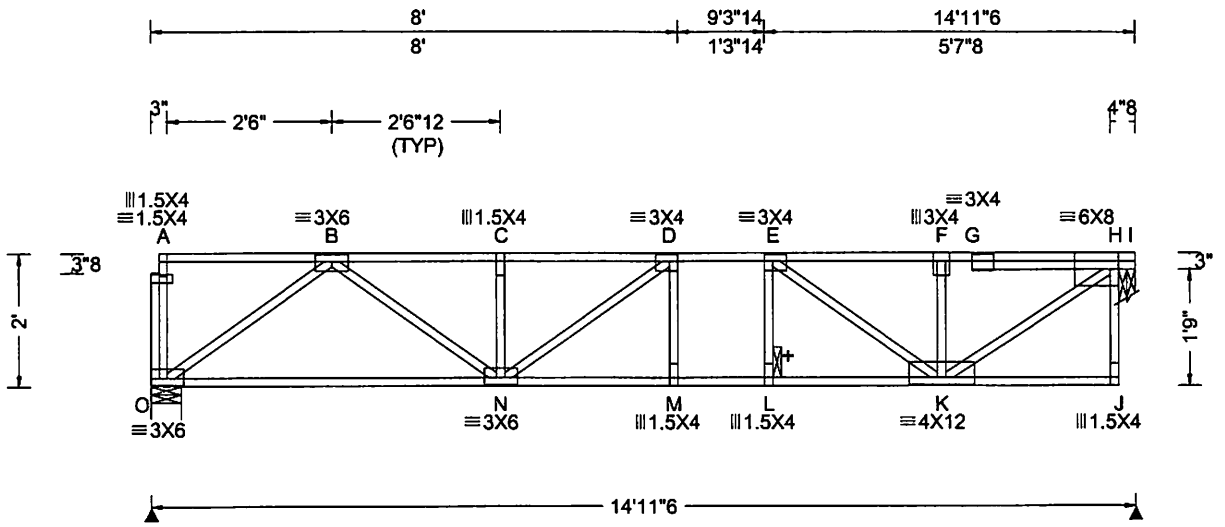
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109979 SY42 FROM: JR	Ply: 1 Qty: 6	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A11	Cust: R 9419 JRef:1XUU94190003 T6 DrwNo: 321.23.0810.41420 / DJR 11/17/2023



Loading Criteria (psf)
TCLL: 30.00
TCDL: 18.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 58.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.072	M	999	640
VERT(CL): 0.143	D	999	360
HORZ(LL): 0.014	B	-	-
HORZ(TL): 0.030	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.902
Max BC CSI: 0.544
Max Web CSI: 0.338

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	628	/-	/-	/-	/-	/-
H	784	/-	/-	/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1190	E - F	0	-988
C - D	0	-1190	F - G	0	-957
D - E	0	-1325	G - H	0	-988

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	720	0	M - L	1325	0
N - M	1326	0	L - K	1323	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-892	F - K	0	-412
B - N	583	0	K - H	1199	0
E - K	0	-446			

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	64 plf at	0.12 to	64 plf at	9.29
TC: From	117 plf at	9.29 to	117 plf at	14.29
TC: From	64 plf at	14.29 to	64 plf at	14.95
BC: From	13 plf at	0.00 to	13 plf at	14.70

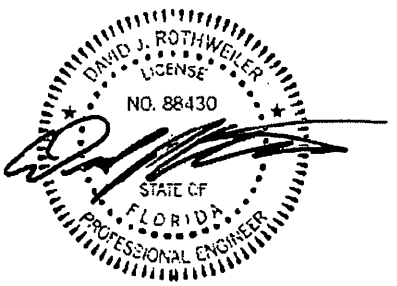
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



FL REQ# 278, David J. Rothweiler, FL PE# 88430
11/17/2023

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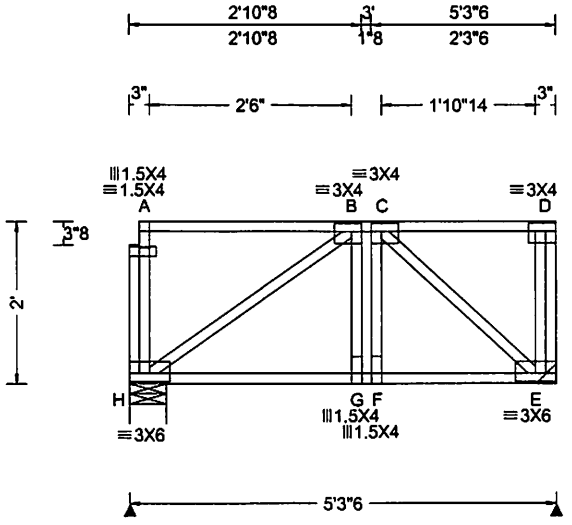
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109978 SY42 FROM: JR	Ply: 1 Qty: 16	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A12		Cust: R 9419 JRef: 1XUU94190003 T2 DrwNo: 321.23.0810.43673 / DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.004 B 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.008 B 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.001 B - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.002 B - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.209
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.112
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Yes	Max Web CSI: 0.040
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 22.02.00.0914.11
	Wind Duration: NA		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	193	/-	/-	/-	/-	/-
E	207	/-	/-	/-	/-	/-

H Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing H is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Hangers / Ties

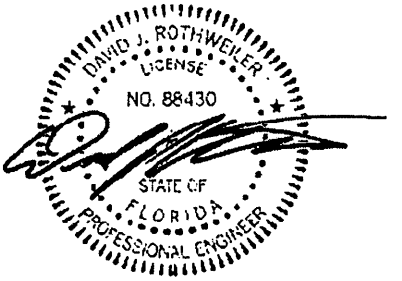
(J) Hanger Support Required, by others

Additional Notes

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics
and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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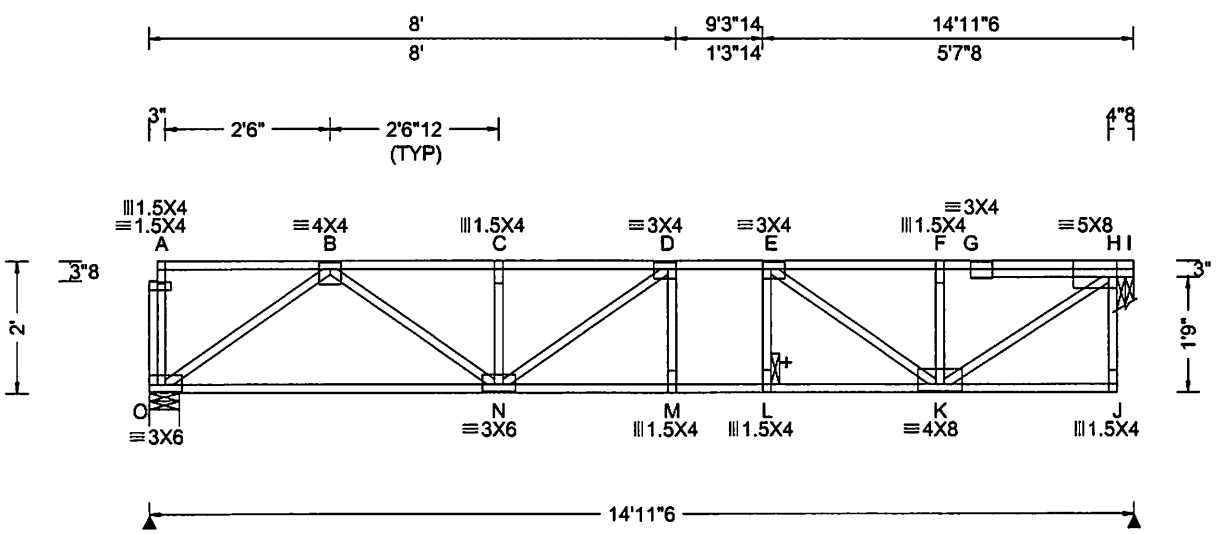
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109977 SY42 FROM: JR	Ply: 1 Qty: 4	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A13	Cust: R 9419 JRef: 1XUU94190003 T33 DrwNo: 321.23.0810.46043 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.077	D	999	640
VERT(CL): 0.146	D	999	360
HORZ(LL): 0.016	B	-	-
HORZ(TL): 0.032	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.658
Max BC CSI: 0.581
Max Web CSI: 0.273

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

		Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh		/ Rw	/ U	/ RL
O	583 /-	/-		/-	/-	/-
H	694 /-	/-		/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1073	E - F	0	-797
C - D	0	-1073	F - G	0	-769
D - E	0	-1121	G - H	0	-797

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	660	0	M - L	1121	0
N - M	1123	0	L - K	1118	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-818	E - K	0	-437
B - N	512	0	K - H	966	0

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	64 plf at	0.12 to	64 plf at	12.38
TC: From	117 plf at	12.38 to	117 plf at	14.85
TC: From	64 plf at	14.85 to	64 plf at	14.95
BC: From	13 plf at	0.00 to	13 plf at	14.70

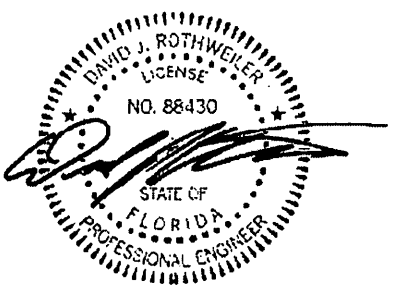
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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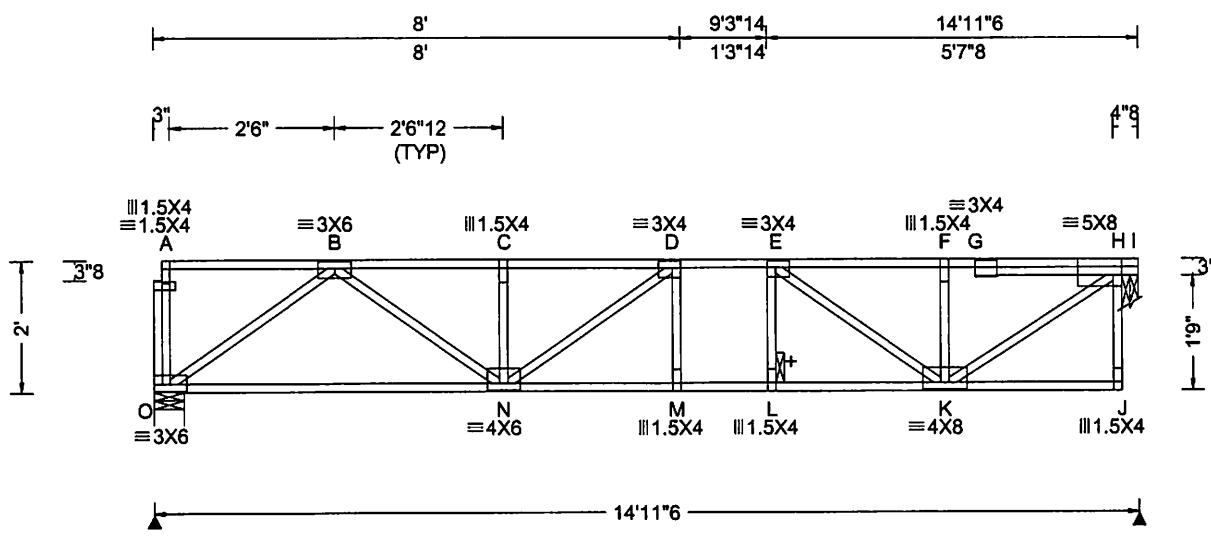
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109976 SY42 FROM: JR	Ply: 1 Qty: 4	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A14	Cust: R 9419 JRef: 1XUU94190003 T34 DrwNo: 321.23.0810.48510 / DJR 11/17/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 18.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.102 D 999 640
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(CL): 0.196 D 895 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.022 B - -
Des Ld: 58.00	EXP: NA Kzt: NA		HORZ(TL): 0.043 B - -
NCBCLL: 10.00	Mean Height: NA ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: NA psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.701
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.797
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Fac: Varies by Ld Case	Max Web CSI: 0.302
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	
	Loc. from endwall: NA	Plate Type(s):	VIEW Ver: 22.02.00.0914.11
	I: NA GCpi: NA	WAVE	
	Wind Duration: NA		

▲Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	675	/-	/-	/-	/-	/-
H	753	/-	/-	/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1331	E - F	0	-881
C - D	0	-1331	F - G	0	-852
D - E	0	-1319	G - H	0	-881

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	785	0	M - L	1319	0
N - M	1323	0	L - K	1314	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-973	E - K	0	-576
B - N	676	0	K - H	1069	0

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	64 plf at	0.12 to	64 plf at	4.51
TC: From	117 plf at	4.51 to	117 plf at	7.34
TC: From	64 plf at	7.34 to	64 plf at	12.38
TC: From	117 plf at	12.38 to	117 plf at	14.85
TC: From	64 plf at	14.85 to	64 plf at	14.95
BC: From	13 plf at	0.00 to	13 plf at	14.70

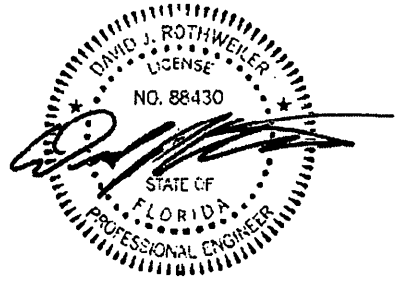
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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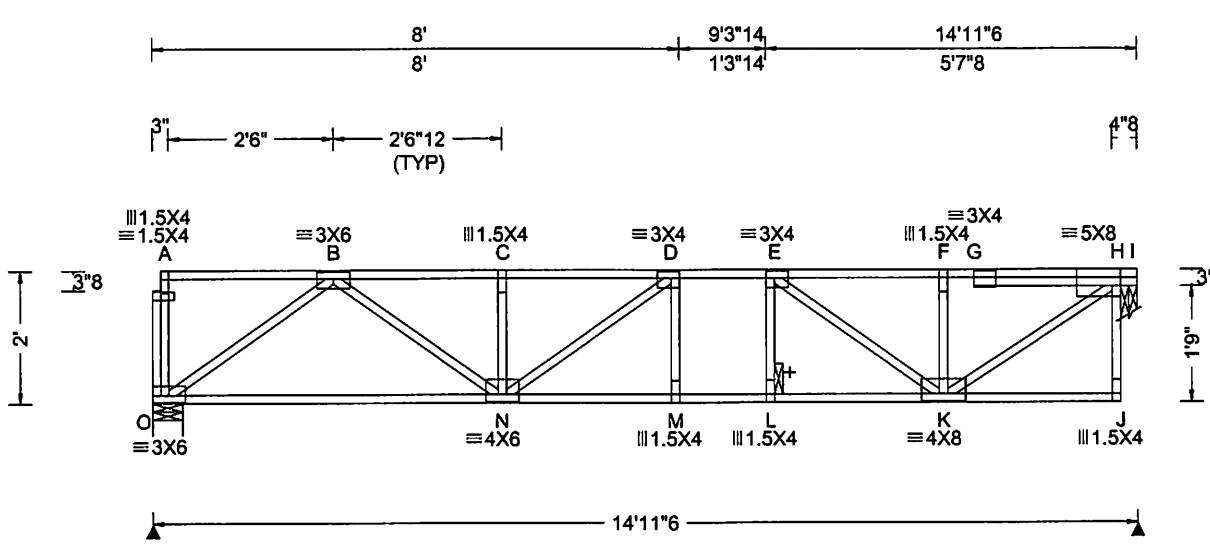
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ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 109975 SY42 FROM: JR	Ply: 1 Qty: 2	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A15	Cust: R 9419 JRef: 1XUU94190003 T35 DrwNo: 321.23.0810.54150 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.00
Spacing: 16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.096	D	999	640
VERT(CL): 0.187	D	941	360
HORZ(LL): 0.020	B	-	-
HORZ(TL): 0.041	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.611
Max BC CSI: 0.768
Max Web CSI: 0.270

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	643	/-	/-	/-	/-	/-
H	622	/-	/-	/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1250	E - F	0	-788
C - D	0	-1250	F - G	0	-768
D - E	0	-1240	G - H	0	-788

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	741	0	M - L	1240	0
N - M	1244	0	L - K	1235	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-918	E - K	0	-574
B - N	632	0	K - H	955	0

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF #1/#2;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	64 plf at	0.12 to	64 plf at	5.08
TC: From	117 plf at	5.08 to	117 plf at	7.34
TC: From	64 plf at	7.34 to	64 plf at	14.95
BC: From	13 plf at	0.00 to	13 plf at	14.70

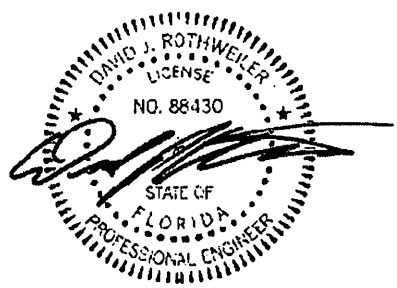
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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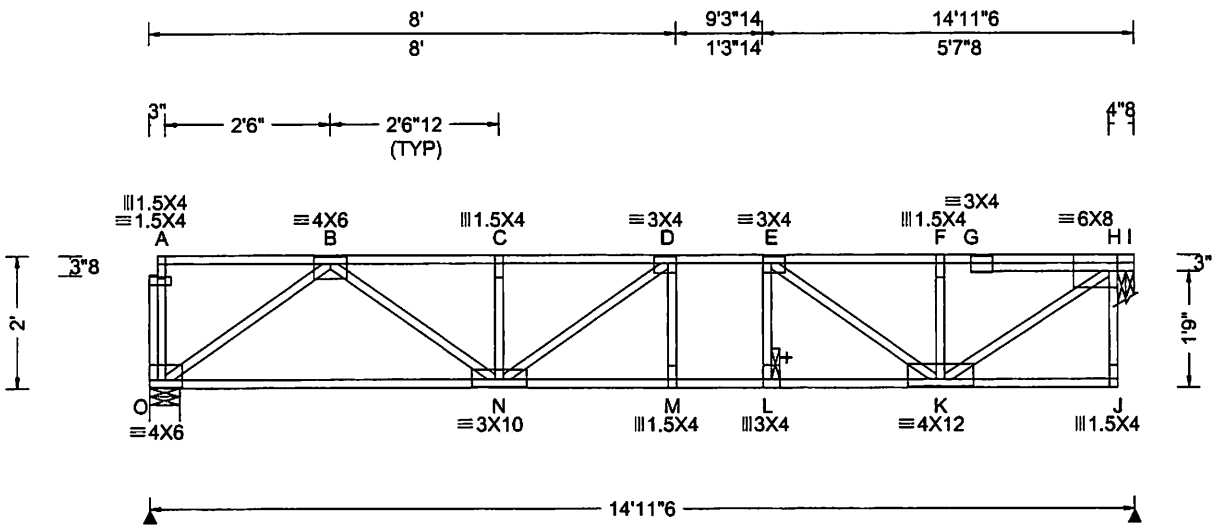
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 110004 SY42 FROM: JR	Ply: 1 Qty: 4	**Job Number:** KTQ23455-BLDG-DUPLEX-F2-Rev-1 Job Number:KTQ23455-BLDG-DUPLEX-F2-R Job Description:Florida Job-BLBG-DUPLEX-S D **Truss Label:** A16	Cust: R 9419 JRef: 1XUU94190003 T17 DrwNo: 321.23.0809.03167 / DJR 11/17/2023



Loading Criteria (psf)

TCLL:	30.00
TCDL:	18.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	58.00
NCBCLL:	10.00
Soffit:	2.00
Load Duration:	1.00
Spacing:	16.0 "

Wind Criteria
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA Kzt: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

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

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.123 D	999	640
VERT(CL):	0.233 D	752	360
HORZ(LL):	0.026 B	-	-
HORZ(TL):	0.052 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.760
Max BC CSI: 0.738
Max Web CSI: 0.335

VIEW Ver: 22.02.00.0914.11

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
O	925 /-	/-	/-	/-	/-
H	751 /-	/-	/-	/-	/-

O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings 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.
B - C	0	-1647	E - F	0	-980
C - D	0	-1647	F - G	0	-957
D - E	0	-1628	G - H	0	-980

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	1048	0	M - L	1628	0
N - M	1633	0	L - K	1622	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - B	0	-1299	E - K	0	-795
B - N	742	0	K - H	1188	0

Lumber

Top chord: 4x2 SPF #1/#2;
Bot chord: 4x2 SPF 1650f-1.5E;
Webs: 4x2 SPF #1/#2;

Special Loads

——(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	117 plf at	0.12 to	117 plf at	10.08
TC: From	64 plf at	10.08 to	64 plf at	14.95
BC: From	13 plf at	0.00 to	13 plf at	14.70

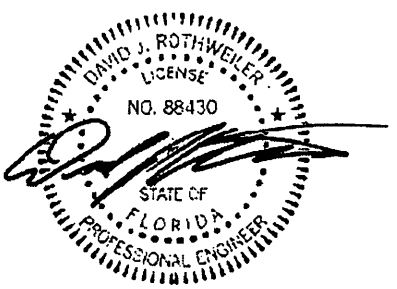
Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Live Load

30 psf Live Load for habitable attics and sleeping areas only.



11/17/2023 FL REQ# 278, David J. Rothweiler, FL PE# 88430

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

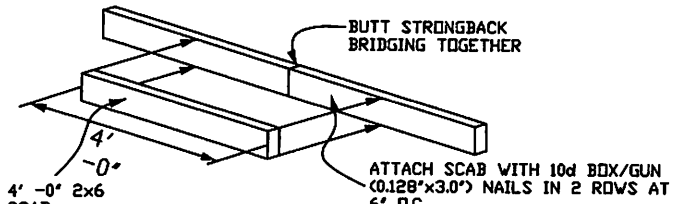
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

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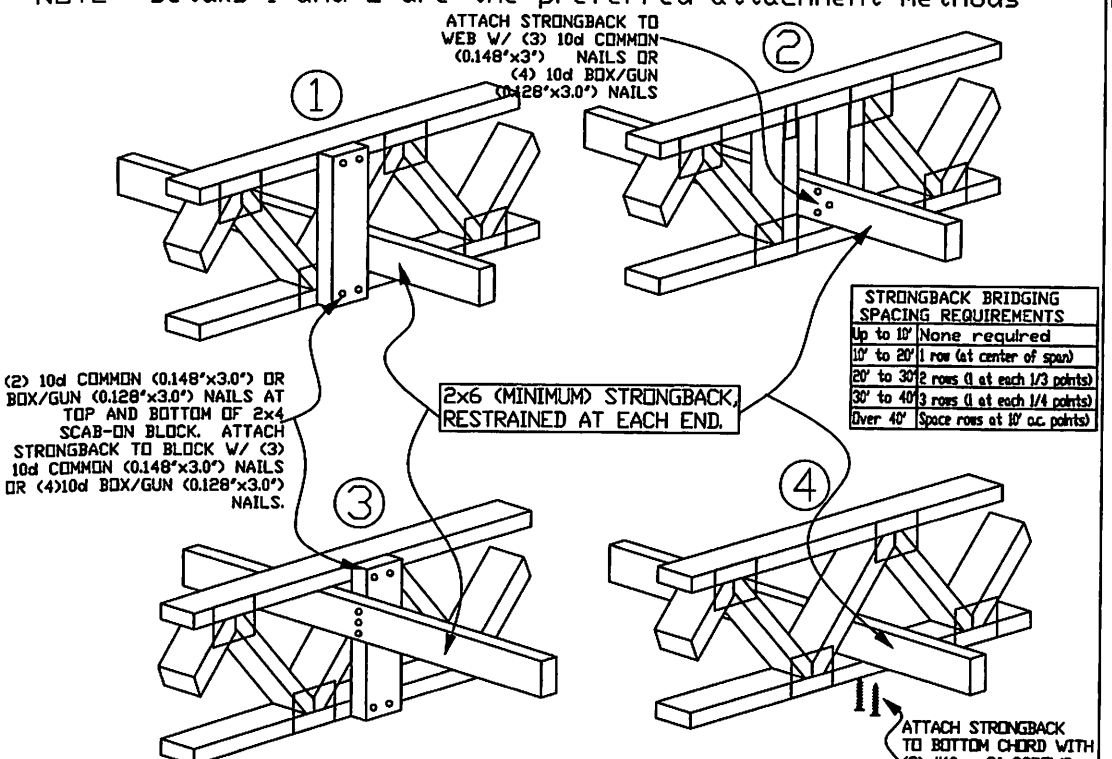
STRONGBACK BRIDGING RECOMMENDATIONS



NOTE: IN LIEU OF SPLICING AS SHOWN, LAP STRONGBACK BRIDGING MEMBERS FOR AT LEAST ONE TRUSS SPACING

STRONGBACK BRIDGING SPLICE DETAIL

NOTE: Details 1 and 2 are the preferred attachment methods



STRONGBACK BRIDGING SPACING REQUIREMENTS	
Up to 10'	None required
10' to 20'	1 row (at center of span)
20' to 30'	2 rows (1 at each 1/3 points)
30' to 40'	3 rows (1 at each 1/4 points)
Over 40'	Space rows at 10' o.c. points)

STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

- All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- All strongback bridging and bracing shall be a minimum 2x6 "stress graded lumber."
- The purpose of strongback bridging is to develop load sharing between individual trusses, resulting in an overall increase in the stiffness of the floor system. 2x6 strongback bridging, positioned as shown in details, is recommended at 10' -0" o.c. (max.)
- The terms "bridging" and "bracing" are sometimes mistakenly used interchangeably. "Bracing" is an important structural requirement of any floor or roof system. Refer to the Truss Design Drawing (TDD) for the bracing requirements for each individual truss component. "Bridging," particularly "strongback bridging" is a recommendation for a truss system to help control vibration. In addition to aiding in the distribution of point loads between adjacent truss, strongback bridging serves to reduce "bounce" or residual vibration resulting from moving point loads, such as footsteps.

The performance of all floor systems are enhanced by the installation of strongback bridging and therefore is strongly recommended by Alpine.

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).

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

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DAVID J. ROTHWEILER LICENSE NO. 88430 STATE OF FLORIDA PROFESSIONAL ENGINEER

11/17/2023

FL REQ# 27870 David J. Rothweiler, FL PE# 88430

TC LL	PSF	REF STRONGBACK
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG STRBRIBR1014
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.	1.00	
SPACING		