

Alpine, an ITW Company 155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 Phone: (800)755-6001 www.alpineitw.com



This item has been digitally signed by William H. Krick on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

COA #0 278

Florida Certificate of Product Approval #FL 1999

09/19/2025

Site Information:	Page 1:	
Customer: W. B. Howland Company, Inc.	Job Number: 25-3047	
Job Description: PROVEAUX		
Address:		

Job Engineering Criteria:					
Design Code: FBC 8th Ed. 2023 Res.	IntelliVIEW Version: 24.02.00D				
	JRef #: 1YdJ2150002				
Wind Standard: ASCE 7-22 Wind Speed (mph): 130	Design Loading (psf): 40.00				
Building Type: Closed					

This package contains general notes pages, 36 truss drawing(s) and 4 detail(s).

Item	Drawing Number	Truss
1	262.25.1033.15390	A1
3	262.25.1033.06690	A3
5	262.25.1033.00850	A5
7	262.25.1032.54347	A6
9	262.25.1032.49273	A7
11	262.25.1032.39017	A8
13	262.25.1032.28957	A9
15	262.25.1032.03220	B1
17	262.25.1031.53017	B2
19	262.25.1031.39500	C1
21	262.25.1031.30477	C1E
23	262.25.1031.25230	D1E
25	262.25.1031.20633	D3
27	262.25.1031.14187	J1
29	262.25.1031.10830	J5
31	262.25.1031.06617	J7A
33	262.25.1030.58480	P2
35	262.25.1030.52797	V1
37	VAL180220723	
39	PB160220723	

Item	Drawing Number	Truss
2	262.25.1033.10033	A2
4	262.25.1033.04347	A4
6	262.25.1032.57223	A5A
8	262.25.1032.51517	A6A
10	262.25.1032.46780	A7B
12	262.25.1032.35243	A8B
14	262.25.1032.22340	A9B
16	262.25.1031.57943	B1A
18	262.25.1031.46510	В3
20	262.25.1031.37577	C1A
22	262.25.1031.28120	D1
24	262.25.1031.22623	D2
26	262.25.1031.17967	HJ1
28	262.25.1031.12593	J3
30	262.25.1031.08400	J7
32	262.25.1031.00093	P1
34	262.25.1030.55123	P3
36	262.25.1030.51027	V2
38	VALTN220723	
40	BRCLBSUB0119	

### **General Notes**

### Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:

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

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

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

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

### **Temporary Lateral Restraint and Bracing:**

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

### Permanent Lateral Restraint and Bracing:

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

### **Connector Plate Information:**

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

### **Bearing Information:**

The bearing area factor, Cb, is considered for the allowable capacity of solid sawn wood bearings supporting trusses that are located a minimum of 3" from the end of the lumber piece.

### **General Notes** (continued)

### **Coated Lumber:**

Coated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Coated lumber has no adjustments to lumber properties. Coated lumber may be more brittle than uncoated lumber. Special handling care must be taken to prevent breakage during all handling activities. Refer to manufacturer literature, specifications, and code evaluation reports for restrictions, details, and requirements.

### 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.

### **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.

C = Coated lumber.

C-AT = AtTEK coated lumber.

C-FX = FX Lumber Guard coated lumber.

C -TE = TechWood 4400 coated lumber.

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-BF = Boraflame 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-ON = OnWood 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).

### **General Notes** (continued)

### Key to Terms (continued):

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.

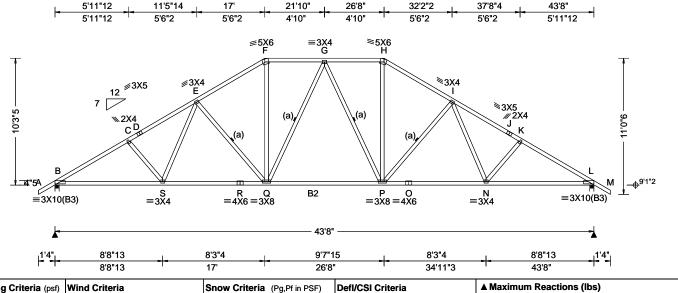
Refer to ASCE-7 for Wind and Seismic abbreviations.

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: 701906 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T21 FROM: RFG **PROVEAUX** DrwNo: 262.25.1033.15390 Qty: 2 Truss Label: A1 GA / WHK 09/19/2025



	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs	s)
- 1	TCLL: 20.00 TCDL: 10.00	Wind Std: ASCE 7-22 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.223 G 999 360	Gravity Loc R+ /R- /Rh	Non-Gravity / Rw / U / RL
	BCLL: 0.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.409 G 999 240 HORZ(LL): 0.097 L	B 2151 /- /- L 2151 /- /-	/1083 /16 /342 /1083 /16 /-
	Des Ld: 40.00  NCBCLL: 10.00  Soffit: 2.00  Load Duration: 1.25  Spacing: 24.0 "	Mean Height: 15.43 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.37 ft	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	HORZ(TL): 0.179 L Creep Factor: 2.0  Max TC CSI: 0.575  Max BC CSI: 0.896  Max Web CSI: 0.374	Wind reactions based on MNB Brg Wid = 4.0 Min ReL Brg Wid = 4.0 Min ReBearings B & L are a rigid sumbers not listed have for Maximum Top Chord Force	eq = 2.5 (Truss) eq = 2.5 (Truss) urface. ces less than 375#
		Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	FT/RT:20(0)/10(0) Plate Type(s): WAVE	VIEW Ver: 24.02.00D.0114.10	Chords         Tens.Comp.         Ch           B - C         615 - 3562         G	nords Tens. Comp - H 648 - 225
	Lumber				<sup>J</sup> C - D 594 - 3345 H D - E 621 - 3315 I -	

Lumber
--------

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

Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Loading

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

# Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)

574 - 2691

649 - 2257

E-F

F-G

Chords	Tens.Comp.		Chords	Tens. Comp.		
B-S	2990	- 408	P - O	2645	- 297	
S-R	2646	- 277	O - N	2645	- 297	
R-Q	2646	- 277	N - L	2989	- 422	
Q - P	2323	- 167				

574 - 2690

621 - 3314

614 - 3561

594 - 3344

J - K

K-L

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. (	Comp.
S-E	467	- 55	P-H	982	- 148
E-Q	236	- 620	P - I	236	- 620
F-Q	980	- 148	I - N	467	- 55



Flor 22 Cean Fate of Product Approval #FL 1999

\*\*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. Installiers 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 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/TP1 1 Sec. 2.

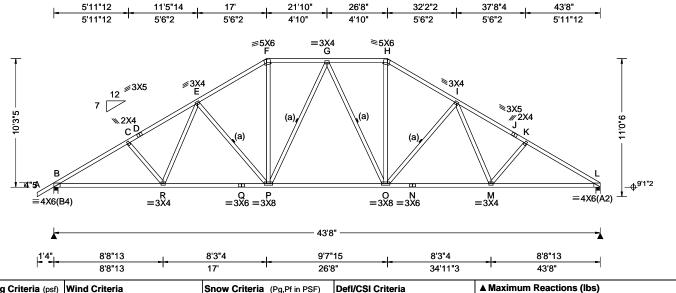
For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org

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



North Building, 4th Floor Glenview, IL 60025

SEQN: 701908 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T23 FROM: RFG **PROVEAUX** DrwNo: 262.25.1033.10033 Qty: 1 Truss Label: A2 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	3	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph		VERT(LL): 0.172 G 999 360	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.356 G 999 240	E
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.079 L	L
Des Ld: 40.00	Mean Height: 15.19 ft		HORZ(TL): 0.163 L	١
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.464	Ľ
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.890	ľ
Spacing: 24.0 "	C&C Dist a: 4.37 ft	Rep Fac: Yes	Max Web CSI: 0.293	ľ
-	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		↓ <del>`</del>
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	] [
Lancetone				٠,

### Lumber

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Wind

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is 10-3-5.

¥		G	ravity		` / No	n-Grav	/ity
,	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
,	В	1907	/-	/-	/1082	/-	/343
	L	1812	/-	/-	/1074	/-	/-
	Wind	d reac	tions ba	sed on	MWFRS		
	В	Brg W	/id = 4.0	Min	Req = 2.2	(Truss	s)
	L	Brg W	/id = 4.0	Min	Req = 2.1	(Truss	s)
	Bear	rings E	3 & Lare	a rigio	d surface.	•	•
	Men	nbers	not liste	d have	forces less	than 3	375#
	Max	imum	Top Cl	ord F	orces Per	Ply (lb:	s)
	Cho	rds T	ens.Cor	np.	Chords	Tens.	Comp.
	B - C		563 - 3	083	G-H	587	- 1889
	C - E	)	542 - 2	864	H-I	519	- 2268
	D - E	<b>=</b>	569 - 2	834	I-J	587	- 2847
	E - F	=	522 - 2	267	J - K	561	- 2877
	F - G	}	590 - 1	888	K-L	585	- 3098

### Maximum Bot Chord Forces Per Plv (lbs)

			Comp.
 - 399 - 275	O - N N - M	2257 2257	- 280 - 280
 - 275	M - L	2598	- 414

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.		
R-E	452	- 55	O - H	769	- 124	
E - P	235	- 578	0-1	238	- 584	
F-P	767	- 121	I - M	458	- 75	



Florida Certificate of Product Approval #FL 1999

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

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

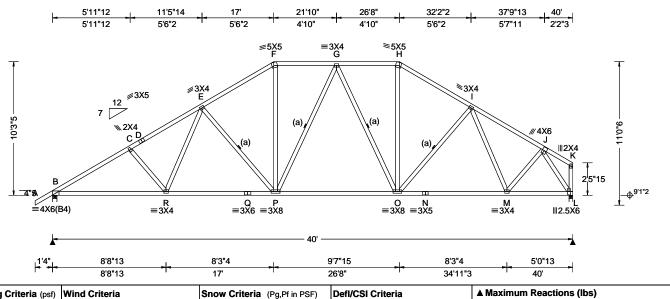
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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



SEQN: 701910 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T38 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1033.06690 Truss Label: A3 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.00 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	PP Deflection in loc L/defl L/# VERT(LL): 0.118 P 999 360 VERT(CL): 0.238 P 999 240 HORZ(LL): 0.057 L HORZ(TL): 0.115 L Creep Factor: 2.0 Max TC CSI: 0.417 Max BC CSI: 0.846 Max Web CSI: 0.617  VIEW Ver: 24.02.00D.0114.10	L
Lumbor	·	<u> </u>	·	- (

ı	umbor

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is 10-3-5.

F)	Defl/CSI Criteria		▲ M	aximu	m Reac	tions (lbs	)		
۸À	PP Deflection in loc L/defl	L/#		G	ravity		No	n-Gravi	ity
Α	VERT(LL): 0.118 P 999 3		Loc	R+	/ R-	/Rh	/Rw	/ U	/RL
	VERT(CL): 0.238 P 999 2	240	В	1761	/-	/-	/1004	/-	/308
	HORZ(LL): 0.057 L -	-	L	1654	/-	/-	/937	/-	/-
	HORZ(TL): 0.115 L -	-	Win	d read	tions bas	ed on MV	VFRS		
	Creep Factor: 2.0		В	Brg W	/id = 4.0	Min Re	q = 2.1	(Truss)	)
	Max TC CSI: 0.417		L	Brg W	/id = 3.5	Min Re	q = 2.0	(Truss)	)
	Max BC CSI: 0.846		Bea	rings E	3 & L are	a rigid su	rface.		
	Max Web CSI: 0.617		Mer	nbers	not listed	have force	es less	than 3	75#
	Wax Web CSI. 0.017		Max	cimum	Top Ch	ord Force	es Per l	Ply (lbs	s)
			Cho	rds T	ens.Con	ıp. Ch	ords	Tens. (	Comp

ximum Top Chord Forces Per Ply (lbs) ords Tens.Comp.

B - C C - D 380 - 2804 384 - 1639 359 - 2584 G-H 359 - 1502 D-E 386 - 2554 H - I 316 - 1825 283 - 1725 337 - 1981

/308

Tens. Comp.

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		ens.Comp. Chords		Tens. Comp.		
B-R	2342	- 322	O - N	1558	- 136		
R-Q	2007	- 195	N - M	1558	- 136		
Q-P	2007	- 195	M - L	992	- 144		
P - O	1639	- 17					

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
R-E	458	-57	I - M	59	- 376
E-P	235	- 581	M - J	650	0
F-P	625	- 48	J - L	274	- 1879
$\cap$	<b>551</b>	45			



Flor Red Con Product Approval #FL 1999

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

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

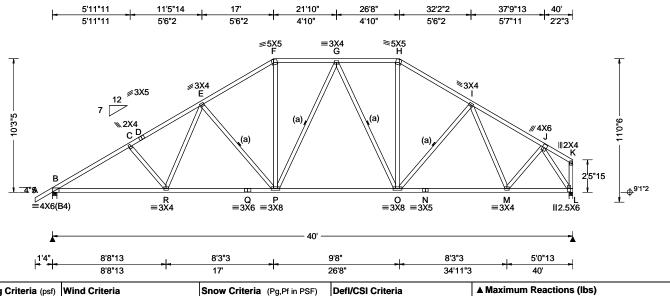
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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



SEQN: 701912 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T20 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1033.04347 Truss Label: A4 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Max
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.00 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.115 P 999 360 VERT(CL): 0.238 P 999 240 HORZ(LL): 0.055 L HORZ(TL): 0.115 L Creep Factor: 2.0 Max TC CSI: 0.417 Max BC CSI: 0.846 Max Web CSI: 0.618	Loc F B 17 L 16 Wind I B B L B Bearin Memb Maxin Chord
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	B-C C-D
Lumber				

### Lumber

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is 10-3-5.

g,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs	3)
CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
Ce: NA	VERT(LL): 0.115 P 999 360	Loc R+ /R- /Rh	/Rw /U /RL
A	VERT(CL): 0.238 P 999 240	B 1761 /- /-	/1003 /79 /282
IA	HORZ(LL): 0.055 L	L 1655 /- /-	/936 /31 /-
	HORZ(TL): 0.115 L	Wind reactions based on M\	WFRS
	Creep Factor: 2.0	B Brg Wid = 4.0 Min Re	eq = 2.1 (Truss)
Res.	Max TC CSI: 0.417	L Brg Wid = 3.5 Min Re	
	Max BC CSI: 0.846	Bearings B & L are a rigid su	urface.
	Max Web CSI: 0.618	Members not listed have for	
١	Max 1700 001. 0.010	Maximum Top Chord Forc	es Per Ply (lbs)
,		Chords Tens.Comp. Ch	hords Tens. Comp
	1	1	

748 - 2806

728 - 2586

755 - 2556

714 - 1982

D-E

Maximum Bot Chord Forces Per Ply (lbs)						
Chords	Tens.C	Comp.	Chords	Tens. (	Comp.	
B-R	2343	- 638	O - N	1560	- 400	
R - Q	2008	- 518	N - M	1560	- 400	
Q - P	2008	- 518	M - L	993	- 287	
P - O	1640	- 408				

/282

Tens. Comp.

677 - 1828

548 - 1727

672 - 1640

630 - 1504

G-H

H - I

Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	webs	rens. Comp.
R-E	458 - 48	I - M	163 - 377
E-P	226 - 581	M - J	651 - 103
F-P	626 - 167	J - L	547 - 1880
O - H	550 - 151		



Florida Ceriffeate of Product Approval #FL 1999

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

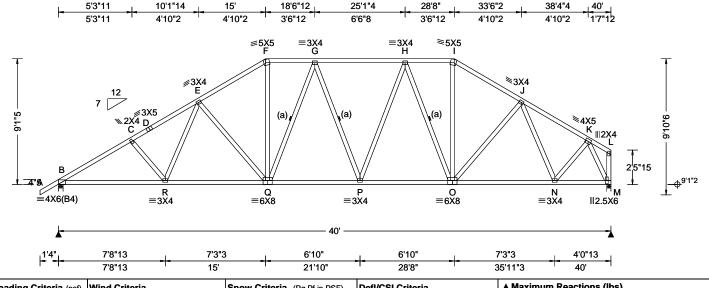
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers 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 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/TP1 1 Sec. 2.

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



SEQN: 701914 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T19 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1033.00850 Truss Label: A5 GA / WHK 09/19/2025



### ▲ Maximum Reactions (lbs) Gravity Non-Gravity oc R+ /R /Rh /Rw /U /RL 1761 /-/996 /250 /928 /-1655 /53 Vind reactions based on MWFRS Brg Wid = 4.0Min Reg = 2.1 (Truss) Brg Wid = 3.5 Min Req = 2.0 (Truss) Searings B & 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. 783 - 2828 742 - 1842 C-D 770 - 2638 H - I 646 - 1553 D-E 790 - 2595 I-J 703 - 1871

### Lumbei

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is

### Maximum Bot Chord Forces Per Plv (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.	
B - R	2366 - 669	P-O	1765 -4	191
R - Q	2092 - 570	O - N	1519 -4	121
Q-P	1872 - 517	N - M	826 - 2	253

J-K

528 - 1603

### Maximum Web Forces Per Ply (lbs)

763 - 2123

699 - 1772

E-F

F-G

vvebs	rens.Comp.	webs	rens. Comp.	
R-E	396 - 32	0-1	672 - 233	
E - Q	204 - 512	J - N	209 - 529	
F-Q	797 - 266	N-K	794 - 164	
H - O	282 - 590	K - M	558 - 1818	



Florida Cerumeate of Product Approval #FL 1999

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

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

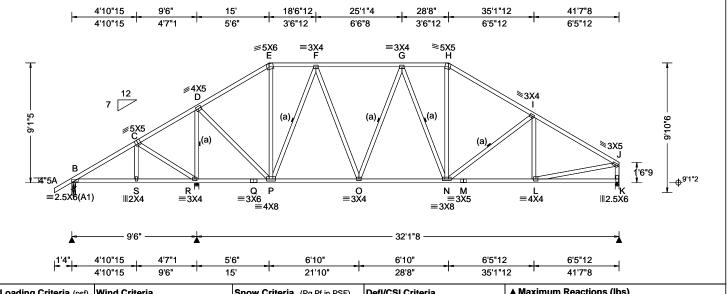
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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, 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/TP1 1 Sec. 2.

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



SEQN: 701895 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T15 Qty: 1 FROM: RFG **PROVEAUX** DrwNo: 262.25.1032.57223 Truss Label: A5A GA / WHK 09/19/2025



TCLL:         20.00         Wind Std:         ASCE 7-22         Pg: NA         Ct: NA         CAT: NA         PP Deflection in loc L/defl L/ft         L/defl L/ft           TCDL:         10.00         BCLL:         0.00         Enclosure: Closed         Lu: NA         Cs: NA         VERT(LL):         0.055 G         999         360           BCDL:         10.00         Risk Category: II         Lu: NA         Cs: NA         VERT(CL):         0.113 G         999         240           NCBCLL:         10.00         Mean Height:         15.00 ft         Building Code:         HORZ(TL):         0.034 K         -         -           Sopacing:         24.0 "         BCDL:         5.0 psf         MWFRS Parallel Dist: h to 2h         Building Code:         TPI Std:         2014         Max TC CSI:         0.534           Max Dectains:         Max Dectains:         0.515         Max Web CSI:         0.515           FT/RT:20(0)/10(0)         Plate Type(s):         VIEW Ver:         24.02.00D.0114.10
1 1/1EW/ Var. 24 02 0013 114 10

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity oc R+ /Rh /Rw /U 349 /121 /252 1995 /-/-/1175 /132 /-1288 /785 /43 Vind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 4.0Min Req = 2.0 (Truss) Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings B, R, & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords chords Tens.Comp. Tens. Comp.

### Lumber

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is

C - D D - E	459 - 354 -7	-	G - H H - I		- 1126 - 1412
E-F F-G	347 - 5 504 - 10		I - J	498	- 1681

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Con	٦p.	Chords	Tens. (	Jomp.
P - O O - N	876 - 1 1141 - 2		N - M M - L	1383 1383	

### Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	vvebs	rens. Comp.	
C-R	130 - 393	F-O	462 - 104	
R - D	558 - 1680	N - H	387 - 138	
D - P	1162 - 311	L-J	1352 - 326	
P - F	355 - 833	J - K	387 - 1234	



Florda Cerura ate of Product Approval #FL 1999

\*\*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. Installiers 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 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/TP1 1 Sec. 2.

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

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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 701916 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T18 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1032.54347 Truss Label: A6 GA / WHK 09/19/2025 4'7"11 8'9"14 13' 17'6"12 26'1"4 30'8' 35'4' 40' 4'6"12 8'6"8 4'6"12 4'8' 4'8' 4'7"11 4'2"2 4'2"2 =3X6 =3X4 F ≢5X5 F ≡3X4 H ≥5X5 **∌**3X4 D **₹4**X6 ∥2X4 ✓ K Q ≡3X5 0 ≡3X4 M ≡3X8 N ≡3X6 ±4X6(B4) **∥3X6** =3X8 40 6'3"3 8'10" 8'10" 9'4" 6'8"13

30'8"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	T
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.138 F 999 360	ļ L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.286 F 999 240	le
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.062 L	L
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.128 L	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.939	L
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.971	١:
Spacing: 24.0 "	C&C Dist a: 4.00 ft	Rep Fac: Yes	Max Web CSI: 0.548	Ľ
' "	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		-
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	E
Lumber	•	•		. (

21'10'

13'

ŧ		G	ravity		No	on-Grav	ity
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
	В	1761	/-	/-	/986	/311	/218
	L	1655	/-	/-	/917	/292	/-
	Wind	d reac	tions bas	sed on M	WFRS		
	В	Brg W	id = 4.0	Min R	eq = 2.1	(Truss	)
	L	Brg W	id = 3.5	Min R	eq = 2.0	(Truss	)
	Bear	rings E	3 & Lare	a rigid s	urface.		
	Mem	bers	not listed	have fo	rces less	than 3	75#
	Max	imum	Top Ch	ord For	ces Per	Ply (lbs	s)
	Cho	rds T	ens.Com	np. C	hords	Tens.	Comp.

40' ▲ Maximum Reactions (lbs)

### 812 - 2117 823 - 2839 C - D 830 - 2680 G - H 812 - 2117 D-E 812 - 2272 H - I 646 - 1593 737 - 1913 705 - 1913

# Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; **Bracing**

Top chord: 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on

6'8"13

### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp	o. Chords	Tens. (	Jomp.
B-R	2379 - 71	0 O-N	1991	-616
R-Q	2172 - 63	3 N-M	1991	- 616
Q-P	2172 - 63	3 M-L	1385	- 437
P - O	2149 - 66	3		

### Maximum Web Forces Per Ply (lbs)

vveus	rens.c	omp.	webs	i ens.	Comp.
D-P	181	- 426	H - M	370	- 797
E - P	898	- 285	M - I	698	- 229
P - F	272	- 472	J - L	638	- 1976



Flored Certificate of Product Approval #FL 1999

\*\*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. Installiers 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 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/TP1 1 Sec. 2.

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



SEQN: 701897 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T4 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1032.51517 Truss Label: A6A / WHK 09/19/2025 4'10"15 13' 17'6"12 26'1"4 30'8' 36'11"3 43'8" 4'10"15 4'7"1 3'6" 4'6"12 8'6"8 4'6"12 6'3"3 6'8"13 **≶**5X6 F ≡3X4 ≡3X6 ≡3X4 G H ≈5X6 **∌4X6** D **₹3X4** (a) (a) (a) ⊕<sup>9'1"2</sup> R <sup>□</sup> ≡3X4 P ≡3X6 S ∥2X4 Q |||7X6 \_\_\_\_O =3X4 N M ≡3X5 =3X6(B1) **∥2**X4  $\equiv 2.5 \times 6 (A1)$ =3X8 4'10"15 4'7"1 3'6" 8'10" 8'10" 6'3"3 6'8"13 4'10"15 9'6" 13' 21'10' 30'8' 36'11"3 43'8" Loading Criteria (nef) Wind Criteria Snow Criteria (Pa Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs) Non-Gravity Gravity Loc R+ /Rh /Rw / U /RL В 274 /54 /224 2261 /-/-/1275 /401 /-

Snow Criteria (Pg,Pf in PSF)	Deti/CSi Criteria
Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
Pf: NA Ce: NA	VERT(LL): 0.080 N 999 360
Lu: NA Cs: NA	VERT(CL): 0.167 N 999 240
Snow Duration: NA	HORZ(LL): 0.030 K
	HORZ(TL): 0.062 K
Building Code:	Creep Factor: 2.0
FBC 8th Ed. 2023 Res.	Max TC CSI: 0.720
TPI Std: 2014	Max BC CSI: 0.775
Rep Fac: Yes	Max Web CSI: 0.589
FT/RT:20(0)/10(0)	
WAVE	VIEW Ver: 24.02.00D.0114.10
	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):

1341 /-/827 /230 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss)

Brg Wid = 4.0Min Req = 2.3 (Truss) Brg Wid = 4.0 Min Req = 1.6 (Truss) Bearings B, R, & K are a rigid surface.

Members not listed have forces less than 375# **Maximum Top Chord Forces Per Ply (lbs)** Chords Chords Tens.Comp. Tens. Comp.

B - C	459 - 147	G-H	536	- 1195
C - D	758 - 158	H - I	585	- 1366
D-E	251 - 380	I - J	624	- 1681
F-G	536 - 1195	J - K	658	- 2200

### Lumber

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

### Wind

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

### **Additional Notes**

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

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	comp.	Chords	Tens. (	Comp.
R - Q	260	- 519	N - M	1816	- 468
Q - P	880	- 198	M - L	1816	- 468
P - O	880	- 198	L-K	1818	- 467
O - N	1408	- 360			

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
C-R	139 - 414	F-O	656 - 149	)
R - D	622 - 1966	O - H	255 - 444	ļ
D - Q	1428 - 392	N - I	516 - 164	ļ
Q-F	491 - 1218	N - J	213 - 545	,



Flor Red Con Product Approval #FL 1999

\*\*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 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/TP1 1 Sec. 2.

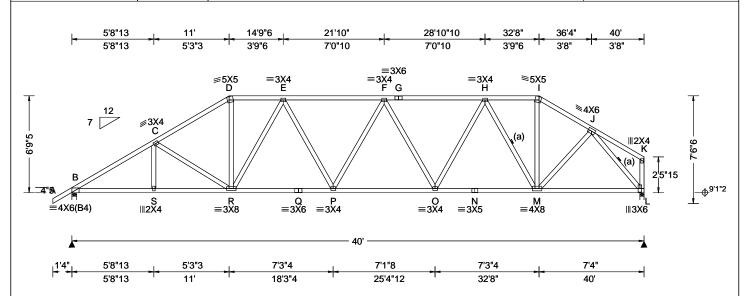
For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org

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



North Building, 4th Floor Glenview, IL 60025

SEQN: 701918 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 Т9 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1032.49273 Truss Label: A7 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	T
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.160 P 999 360	!
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.331 P 999 240	H
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.067 L	H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.139 L	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.612	1!
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.766	1!
Spacing: 24.0 "	C&C Dist a: 4.00 ft	Rep Fac: Yes	Max Web CSI: 0.704	Н
-	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)		Ľ
	GCpi: 0.18	Plate Type(s):		] `
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	1
Lumber		,		- (

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is

	▲ Max	cimu	ım Rea	ctions	(lbs)		
#		G	ravity		N	on-Grav	vity
)	Loc I	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	B 1	761	/-	/-	/972	/314	/186
	L 10	655	/-	/-	/901	/295	/-
	Wind	reac	ctions b	ased o	n MWFRS		
	в в	rg V	Vid = 4	.0 Mi	n Req = 2.	1 (Trus:	s)
	L B	rg V	Vid = 3	.5 Mi	n Req = 2.0	0 (Trus:	s)
	Bearin	ngs I	B&La	re a rig	id surface.		
	Memb	ers	not list	ed have	e forces les	s than 3	375#
	Maxir	num	1 Top (	Chord I	Forces Per	Ply (lb	s)
	Chord	ls T	Tens.Co	omp.	Chords	Tens.	Comp.
	B-C		852 -	2827	F-G	898	- 2347
	C-D				G-H	898	
	D-E		783 -	2054	H-I	640	- 1575

939 - 2507

Chords	Tens.C	comp.	Chords	Tens. (	Comp.
B-S	2361	- 727	P - O	2558	-811
S - R	2360	- 728	O - N	2067	- 679
R-Q	2378	- 775	N - M	2067	- 679
Q-P	2378	- 775	M - L	1262	- 419

704 - 1870

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-R	152 - 388	H - M	433 - 1006
D - R	928 - 296	M - I	713 - 249
R-E	322 - 663	M - J	441 - 78
F-O	253 - 438	J-L	651 - 1938
O - H	592 - 175		



Florida Ceruricate of Product Approval #FL 1999

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

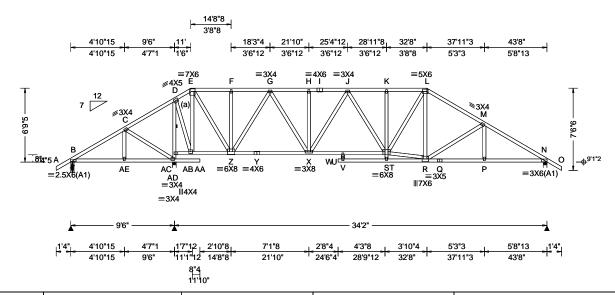
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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-2 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





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.112 K 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.232 K 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.027 N
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.056 N
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.372
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.617
Spacing: 24.0 "	C&C Dist a: 4.37 ft	Rep Fac: Yes	Max Web CSI: 0.877
	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10

	▲ M	aximu	ım Reac	tions (	(lbs)		
ŧ		G	ravity		No	n-Grav	vity
	Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
	В	379	/-	/-	/125	/110	/178
	AD	2040	/-	/-	/1241	/272	/-
	N	1476	/-	/-	/851	/277	/-
	Win	d read	tions bas	sed on	MWFRS		
	В	Brg V	/id = 3.5	Min	Req = 1.5	(Truss	s)
	AD	Brg V	/id = 4.0	Min	Req = 2.0	(Truss	s)
	Ν	Brg V	/id = 4.0	Min	Req = 1.7	(Truss	s)
	Bea	rings I	3, AD, &	N are	a rigid surf	ace.	
	Men	nbers	not listed	have	forces less	than 3	375#
	Max	imum	Top Ch	ord F	orces Per	Ply (lb	s)
	Cho	rds T	ens.Con	np.	Chords	Tens.	Comp.

# Lumber

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

### **Plating Notes**

All plates are 2X4 except as noted.

### Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is 6-9-5

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

0	. oo.op.	00.00	ronor comp.
C-D	421 -24	I - J	760 - 1766
E-F	508 - 883	J-K	821 - 1959
F-G	508 - 883	K-L	819 - 1954
G-H	760 - 1766	L - M	725 - 1886
H-I	760 - 1766	M - N	722 - 2289

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	I ens.C	comp.	Chords	Tens. (	Jomp.
Z - Y	1393	- 398	R - Q	1898	- 495
Y - X	1393	- 398	Q-P	1898	- 495
X - U	1934	- 560	P - N	1900	- 494
U-S	1871	- 539			

### Maximum Web Forces Per Ply (lbs)

AA GD2	rens.comp.	Mena	i ciis. (	Jonnp.
C -AD	152 - 394	Z-G	346	- 980
AD-AC	539 - 1737	G - X	719	- 204
AC- D	524 - 1698	X - J	164	- 412
D -AB	1280 - 340	S - R	1492	- 361
E -AB	342 - 1258	S - L	732	- 282
É - Z	1441 - 481	R - M	154	- 421



Florida Certificate of Product Approval #FL 1999

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

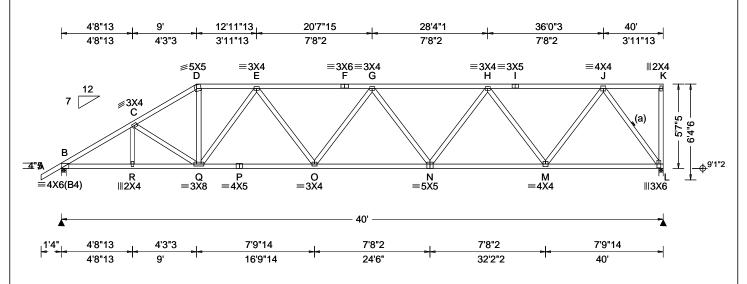
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior 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-2 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



SEQN: 701920 HIPM Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T8 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1032.39017 Truss Label: A8 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-22	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA	DefI/CSI Criteria PP Deflection in loc L/defl L/#	Ī
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.00 ft Loc. from endwall: not in 6.50 ft	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	VERT(ILL): 0.207 G 999 360 VERT(CL): 0.428 G 999 240 HORZ(LL): 0.075 L HORZ(TL): 0.156 L Creep Factor: 2.0 Max TC CSI: 0.762 Max BC CSI: 0.900 Max Web CSI: 0.978	
Lumber	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 24.02.00D.0114.10	

Lumber
--------

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is

	▲ Maxi	mum Re	actions	(lbs)		
¥		Gravity		N	on-Grav	/ity
,	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
,	B 176	S1 /-	/-	/961	/307	/207
	L 165	55 /-	/-	/839	/319	/-
	Wind re	eactions l	ased on	MWFRS		
	B Bro	g Wid = 4	.0 Min	Req = 2.	1 (Truss	s)
	L Bro	Wid = 3	.5 Min	Req = 2.0	(Truss	s)
	Bearing	jsB&La	are a rigi	d surface.	•	
	Membe	rs not list	ted have	forces les	s than 3	375#
	Maxim	um Top	Chord F	orces Per	Ply (lb	s)
	Chords	Tens.C	omp.	Chords	Tens.	Ćomp.
	B-C	866 -	2834	F-G	1051	- 2995
	C-D	879 -	2571	G-H	981	- 2933
	D-E	801 -	2190	H-I	636	- 1944
	E-F	1051 -	2995	I - J	636	- 1944

Maximum	Bot	Chord	<b>Forces</b>	Per	Ply (lbs	s)
---------	-----	-------	---------------	-----	----------	----

Chords	Tens.Comp.	Chords	Tens. Comp.	
B-R	2374 - 869	O - N	3144 - 1123	
R-Q	2374 - 871	N - M	2617 - 892	
Q-P	2732 - 1039	M - L	1143 - 444	
P - O	2732 - 1039			

# Maximum Web Forces Per Ply (lbs)

vvebs	i ens.c	omp.	webs	i ens.	Comp.
D-Q	1038	- 325	H - M	478	- 1150
Q-E	407	- 927	M - J	1367	- 369
E - O	458	- 69	J-L	740	- 1907
N - H	540	- 153			



Florida Certificate of Product Approval #FL 1999

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

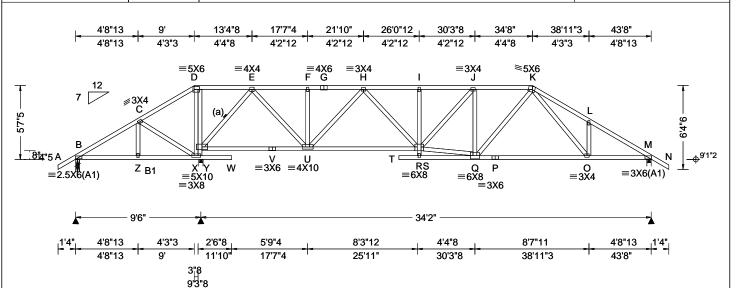
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 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/TP1 1 Sec. 2.

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





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.178 T 999 360	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.362 T 999 240	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.032 M	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.066 M	
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.385	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.936	
Spacing: 24.0 "	C&C Dist a: 4.37 ft	Rep Fac: Yes	Max Web CSI: 0.796	
-	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	l

▲ Maximum Reactions (lbs)						
	G	ravity		No	n-Grav	∕ity
Loc	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	430	/-	/-	/157	/126	/146
Υ	1950	/-	/-	/1166	/249	/-
М	1485	/-	/-	/838	/277	/-
Wi	nd read	tions b	ased on N	/WFRS		
В	Brg V	Vid = 3	.5 Min F	Req = 1.5	(Truss	s)
Υ	Brg V	Vid = 4	.0 Min F	Req = 1.5	(Trus	s)
М	Brg V	Vid = 4	.0 Min F	Req = 1.8	(Truss	s)
Be	arings l	B, Y, &	M are a ri	gid surfa	ce.	
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
			omp. (			
_						•

### Lumber

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

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 2X4 except as noted.

### Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

Chords	Tens.Comp.	Chords	Tens. Comp.
B-C	187 - 384	H - I	1013 - 2554
C-D	376 0	I - J	1010 - 2541
E-F	742 - 1733	J-K	867 - 2092
F-G	742 - 1733	K-L	838 - 2314
G - H	742 - 1733	I - M	747 - 2353

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	omp.	Chords	Tens. (	Jomp.
X - V	846	- 301	Q-P	1680	- 471
V - U	845	- 301	P-0	1680	- 471
U - R	2264	- 691	O - M	1960	- 526

### Maximum Web Forces Per Ply (lbs)

webs	rens.Comp.	vvebs	rens. (	Jomp.
C-Y	204 - 554	H-R	426	- 118
D - X	113 - 429	R - J	639	- 220
Y - X	552 - 1712	R - Q	2088	- 605
X - E	625 - 1730	J - Q	369	- 742
E - U	1319 - 356	Q-K	647	- 245
U - H	314 - 791	K - O	428	- 108



Florda Cerura ate of Product Approval #FL 1999

\*\*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. Installiers 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 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/TP1 1 Sec. 2.

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

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



North Building, 4th Floor Glenview, IL 60025

SEQN: 701956 HIPM Ply: 2 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T22 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1032.28957 Truss Label: A9 GA / WHK 09/19/2025 2 Complete Trusses Required 3'8"12 7' 12'4"4 17'10"4 23'4"4 28'10"4 34'4"4 40' 3'8"12 3'3"4 5'4"4 5'6" 5'6' 5'7"12 5'6' 5'6' =5X6=4X5 ∥2X4 H ≡3X4 F =6X6 ≡3X4 F =3X4 ≡4X6 K =6X6 Ġ <sup>≥</sup>2X4 T1 ⊕<sup>9'1"2</sup> \_\_O ≡4X6 Т N ≡6X6 =4X10(B3)=3X̃4 =4X6 =3X10**∥3X8** =5X5 \_6X6 40' 5'6' 5'7"12 5'4"4 5'6" 5'6" 5'6' 12'4"4 17'10"4 23'4"4 28'10"4 34'4"4 40 ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL /933 /-В 3867 /-

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.425 F 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.538 F 889 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.093 D
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 0.00 ft		HORZ(TL): 0.119 D
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.347
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.322
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.726
	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10
Lumber		Additional Notes	

# Top chord: 2x6 SP #2; T1 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E;

4-5-5

Additional	Notes

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.	Chords	Tens. Comp.		
B - U U - T T - S S - R	2988 - 728 2960 - 721 2960 - 721 4442 - 1102	R - Q Q - P P - O O - N	5084 - 1265 4161 - 1040 4161 - 1040 2577 - 648		

# Maximum Web Forces Per Ply (lbs)

4065 /-

B - C

C-D

D-E

E-F

F-G

/-

Brg Wid = 3.5 Min Req = 1.7 (Truss)

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

Wind reactions based on MWFRS Brg Wid = 4.0

Bearings B & M are a rigid surface.

857 - 3500

835 - 3449

1080 - 4380

1254 - 5064

1239 - 4985

Chords Tens.Comp.

/1015 /-

Tens. Comp.

1017 - 4092

1017 - 4092

612 - 2463

- 4985

1239 - 4985

1239

Min Reg = 1.6 (Truss)

Chords

H - I

I-J

J - K

K-L

Webs	Tens.Comp.		Webs	Tens.	Comp.
D-S	1792	- 453	0 - K	1906	- 465
S - E	307	- 859	K-N	486	- 1563
E-R	783	- 191	N - L	3034	- 754
Q - I	1027	- 249	L-M	519	- 1938
1-0	316	- 952			

### in each row to avoid splitting. Special Loads

**Nailnote** 

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)						
TC: From	63 plf at	-1.33 to	63 plf at	7.00		
TC: From	32 plf at	7.00 to	32 plf at	40.00		
BC: From	5 plf at	-1.33 to	5 plf at	0.00		
BC: From	20 plf at	0.00 to	20 plf at	7.03		
BC: From	10 plf at	7.03 to	10 plf at	40.00		
TC: 266 lb Conc. Load at 7.03						

Use equal spacing between rows and stagger nails

191 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,21.06,23.06,25.06,27.06,29.06,31.06 33.06,35.06,37.06,39.06

Webs: 2x4 SP #3; W13 2x4 SP #2;

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c. :1 Row @ 4" o.c.

BC: 481 lb Conc. Load at 7.03 BC: 130 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,21.06,23.06,25.06,27.06,29.06,31.06

33.06,35.06,37.06,39.06

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

K Dillie COA #0278 ONAL

Flored Certificate of Product Approval #FL 1999

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

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

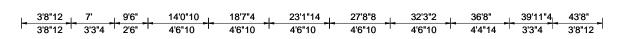
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 Detailis, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

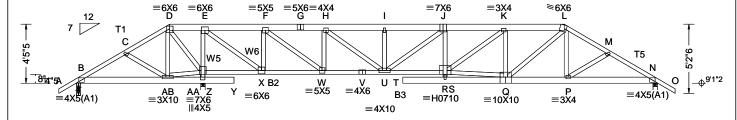
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec. 2.

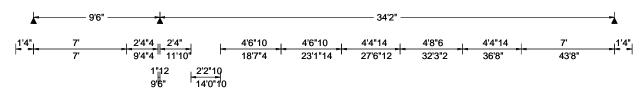
For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org











Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.449 T 908 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.473 T 862 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.047 N
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.049 N
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.638
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.357
Spacing: 24.0 "	C&C Dist a: 4.37 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.978
	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 24.02.00D.0114.10

# **Plating Notes**

All plates are 2X4 except as noted.

# Wind

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

### **Additional Notes**

Negative reaction(s) of -1340# MAX. from a non-wind load case requires uplift connection. See Maximum

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

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both and or infer (fine rigid directly above/ perow pour diaphragm exists at the point)

COA #0278 ONAL

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 14 /-1340 AA 6852 /-/1692 /-/-N 2797 /-/668 /-Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) AA Brg Wid = 4.0 Min Req = 2.5 (Truss) N Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings B, AA, & N are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

	Tens.Comp.	Chords	Tens. Comp.	
B-C	1446 - 344	. I-J	705 -	2805
C-D	1500 - 384	J-K	832 -	3461
D-E	2465 - 620	K-L	665 -	2682
F-G	408 - 1631	L - M	576 -	2401
G - H	408 - 1631	M - N	602 -	2465
H - I	705 - 2805	;		

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. B-AB 288 - 1233 U-R 3482 - 841 Q-P Z - X 601 - 2404 2043 - 494 W - V 1728 - 438 P - N 2100 - 510 V - U 1728 - 438

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

AB- D	632 - 104	W - H	350	- 1128
AB- Z	286 - 1153	H - U	1364	- 337
D - Z	476 - 1923	U - J	171	- 855
Z -AA	872 - 3252	R-K	929	- 195
Z - E	589 - 2091	R - Q	2568	- 641
E - X	2865 - 727	K-Q	274	- 872
X - F	457 - 1575	Q-L	862	- 231
F-W	2105 - 514			

### **Special Loads**

Lumber

**Nailnote** 

(Lumber	Dur.Fac.=1.	25 / Plate D	Our.Fac.=1.2	25)
TC: From	63 plf at	-1.33 to	63 plf at	7.00
TC: From	32 plf at	7.00 to	32 plf at	36.67
TC: From	63 plf at	36.67 to	63 plf at	45.00
BC: From	5 plf at	-1.33 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	36.64
BC: From	20 plf at	36.64 to	20 plf at	43.67
BC: From	5 plf at	43.67 to	5 plf at	45.00
TC: 266 lb	Conc. Load	at 7.03,36	.64	
TC: 191 lb	Conc. Load	at 9 06 11	06 24 60 2	6 60

Top chord: 2x6 SP #2; T1,T5 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; B2,B3 2x4 SP M-31;

Use equal spacing between rows and stagger nails

Webs: 2x4 SP #3; W5,W6 2x4 SP #2;

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c.

:1 Row @ 4" o.c.

in each row to avoid splitting.

28.60,30.60,32.60,34.60

TC: 189 lb Conc. Load at 13.06,15.06,17.06,19.06 21.06,22.60

BC: 481 lb Conc. Load at 7.03,36.64 BC: 130 lb Conc. Load at 9.06,11.06,24.60,26.60 28.60,30.60,32.60,34.60

BC: 126 lb Conc. Load at 13.06,15.06,17.06,19.06 21.06,22.60

Flor 19/19/2025 ate of Product Approval #FL 1999

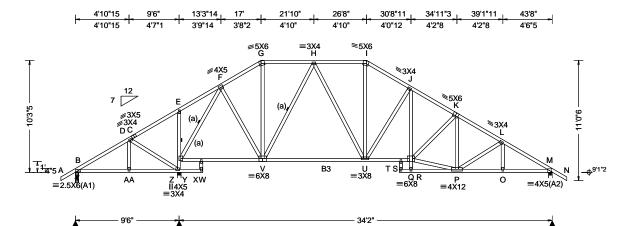
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*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: albineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.or





9'7"15

26'8"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.115 Q 999 360	[
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.219 Q 999 240	ı
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.034 M	2
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.065 M	1
NCBCLL: 10.00	Mean Height: 15.43 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	١
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.369	!
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.828	1;
Spacing: 24.0 "	C&C Dist a: 4.37 ft	Rep Fac: Yes	Max Web CSI: 0.821	H
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		li
	GCpi: 0.18	Plate Type(s):		١i
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	(
Lumber	•	•	•	

17

4'7"1

9'6"

1"12

9'7"12

2'0"4

4'10"15

4'10"15

	۸N	/laxim	um Rea	ctions (I	bs)		
ŧ	Gravity			-	No	n-Grav	/ity
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
	В	425	/-	/-	/266	/104	/342
	Z	2149	/-	/-	/1289	/3	/-
	М	1590	/-	/-	/919	/48	/-
	Wi	nd rea	ctions b	ased on I	MWFRS		
	В				Req = 1.5		
	Z	Brg \	Nid = 4	.0 Min I	Req = 2.2	(Truss	s)
	М	Brg \	Nid = 4	.0 Min I	Req = 1.9	(Truss	s)
	Bea	arings	B, Z, &	M are a r	igid surfa	ce.	
	Me	mbers	not list	ed have f	orces less	than 3	375#
_	Ma	ximur	n Top (	Chord Fo	rces Per	Ply (lb:	s)
	Ch	ords '	Tens.Co	omp.	Chords	Tens.	Comp.
	Ъ	_	204	000		EEC	4507

4'2"8

U - S

V - H

1869

152 - 647

39'1"11

4'4"4

34'11"3

29'8'

10"15 30'6"15

4'6"5

43'8

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

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 2X4 except as noted.

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

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

	Chords	Tens.Comp.	Chords	Tens. Comp.
,	B - C C - D D - E E - F F - G G - H	281 - 390 390 - 263 437 - 261 424 - 220 415 - 1297 495 - 1076	H - I I - J J - K K - L L - M	556 - 1507 483 - 1797 520 - 2234 495 - 2264 487 - 2515

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. Y - X 1819 - 180 X - V 747 - 11 P - O 2102 - 332 V - U 1374 O - M 2103 - 330 -51

### Maximum Web Forces Per Ply (lbs) Tens. Comp. Tens.Comp. Webs Webs Z - Y U - I 241 - 1819 603 - 128 Y - F 114 - 1725 U-J 247 - 703 F-V 559 656 0 J - Q - 106

Q-P



Flor Red Corona at the Induct Approval #FL 1999

\*\*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 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/TP1 1 Sec. 2.

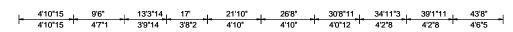
For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org

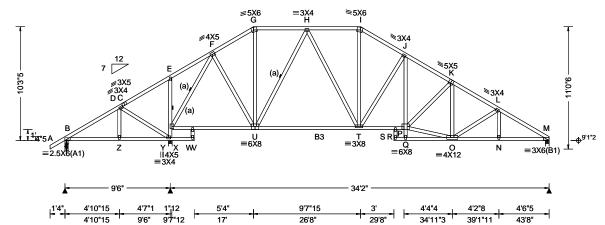
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



1908

- 253





10"15 30'6"15

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	L
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.43 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.37 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No	PP Deflection in loc L/defl L/# VERT(LL): 0.115 P 999 360 VERT(CL): 0.219 P 999 240 HORZ(LL): 0.034 M HORZ(TL): 0.065 M Creep Factor: 2.0 Max TC CSI: 0.300 Max BC CSI: 0.828 Max Web CSI: 0.828 VIEW Ver: 24.02.00D.0114.10	
Lumber				1

2'0"4

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 425 /273 /355 2151 /-/-/1278 /21 /-1497 /913 /36 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 4.0Min Req = 2.2 (Truss) Brg Wid = 4.0 Min Req = 1.8 (Truss) Bearings B, Y, & M are a rigid surface. Members not listed have forces less than 375#

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

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

Top chord: 2x4 SP #2;

All plates are 2X4 except as noted.

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

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

	Chords Tens.Comp. Chords Tens. Comp.						
Chorus	rens.comp.	Criorus	rens. Comp.	_			
B - C	265 - 404	H - I	553 - 1511				
D-E	421 - 275	I - J	479 - 1802				
E-F	408 - 234	J - K	520 - 2242				
F-G	402 - 1299	K-L	502 - 2277				
G-H	484 - 1078	L - M	517 - 2545				

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (	Comp.
X - W	795	- 39	R-P	1825	- 207
W - U	748	- 35	O - N	2132	- 376
U - T	1377	- 74	N - M	2133	- 375
T - R	1876	- 209			

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (	Comp.
Y - X	274 - 1821	T - I	606	- 128
X - F	152 - 1727	T - J	252	- 709
F - U	658 0	J - P	565	- 118
U - H	157 - 650	P - O	1918	- 279



Florida Cerumeate of Product Approval #FL 1999

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

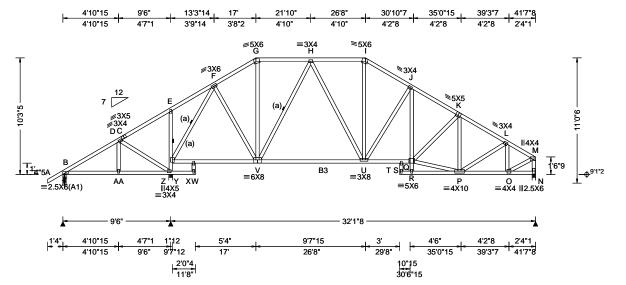
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 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/TP1 1 Sec. 2.

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





BCLL:         0.00 BCDL:         10.00 AIR In the properties of the properties	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
BCLL:         0.00 BCDL:         10.00 AIR In the properties of the properties	TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
Risk Category: II	TCDL: 10.00	· •	Pf: NA Ce: NA	VERT(LL): 0.073 Q 999 360	L
EXP: C Kzt: NA   HORZ(TL): 0.027 N   FRC   Name	BCLL: 0.00		Lu: NA Cs: NA	VERT(CL): 0.139 Q 999 240	E
Des Ld: 40.00   Mean Height: 15.19 ft   TCDL: 5.0 psf   BCDL: 5.0 psf   BCDL: 5.0 psf   BCDL: 5.0 psf   BCDL: 5.0 psf   MWFRS Parallel Dist: h to 2h   C&C Dist a: 4.16 ft   Loc. from endwall: not in 13.00 ft   GCpi: 0.18   G	BCDL: 10.00		Snow Duration: NA	HORZ(LL): 0.027 N	Z
l	NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Mean Height: 15.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.16 ft Loc. from endwall: not in 13.00 ft	FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Creep Factor: 2.0 Max TC CSI: 0.270 Max BC CSI: 0.882	N V E Z N E N
			•• • •	VIEW Ver: 24.02.00D.0114.10	֓֟֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓

### Lumber

Top chord: 2x4 SP #2;

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

### Bracing

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 2X4 except as noted.

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

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

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

### **Additional Notes**

The overall height of this truss excluding overhang is 10-3-5.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



▲ M	▲ Maximum Reactions (lbs)					
	G	ravity	<del>-</del>	No	n-Grav	rity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
В	437	/-	/-	/269	/76	/339
Z	2040	/-	/-	/1211	/19	/-
Ν	1416	/-	/-	/841	/14	/-
Win	nd reac	tions bas	sed on M\	WFRS		
В	B Brg Wid = 3.5 Min Reg = 1.5 (Truss)					
Z	Z Brg Wid = 4.0 Min Reg = 2.0 (Truss)					
Ν						
Bea	Bearings B, Z, & N are a rigid surface.					
Mer	Members not listed have forces less than 375#					
Max	Maximum Top Chord Forces Per Ply (lbs)					
Cho	ords T	ens.Con	np. Ch	nords	Tens.	Comp.

B - C	219 - 395	I - J	394	- 1633
F-G	339 - 1237	J - K	412	- 1941
G - H	416 - 1023	K-L	366	- 1810
H - I	464 - 1364	L - M	271	- 1423

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	omp.	Chords	Tens. (	Comp.
Y - X	762	- 33	U-S	1618	- 159
X - V	726	- 33	S - Q	1573	- 158
V - U	1276	- 39	P-0	1251	- 217

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
Z - Y	246 - 1712	Q-P	1510	- 202
Y - F	121 - 1601	K-P	95	- 439
F-V	593 0	L-0	147	- 580
V - H	106 - 550	O - M	1355	- 230
U - I	522 - 87	M - N	265	- 1392
U - J	212 - 497			

Florida Ceriffe ate of Product Approval #FL 1999

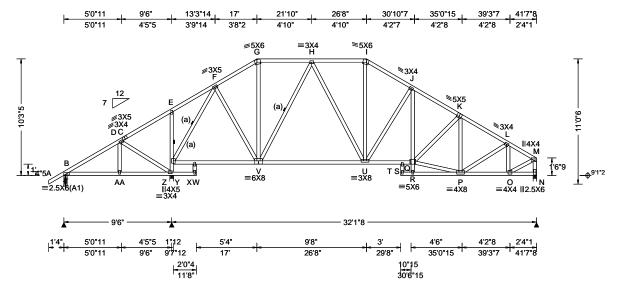
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*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. Installiers 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 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/TP1 1 Sec. 2.

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

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.063 Q 999 360	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.131 Q 999 240	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.025 N	Z
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.053 N	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	٧
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.268	E
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.796	Z
Spacing: 24.0 "	C&C Dist a: 4.16 ft	Rep Fac: Yes	Max Web CSI: 0.624	l r
' '	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		ľ
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	C
Lumber	•	•		, - E

	▲ M	aximu	m Reac	tions (lb	s)		
#		G	ravity		No	n-Grav	/ity
)	Loc	R+	/ R-	/Rh	/Rw	/ U	/ RL
)	В	450	/-	/-	/239	/60	/285
	Z	1795	/-	/-	/1169	/110	/-
	Ν	1327	/-	/-	/833	/52	/-
	Win	d reac	tions bas	sed on M	WFRS		
	В			Min R			
	Z	Brg W	id = 4.0	Min R	eq = 1.7	(Truss	s)
	Ν	Brg W	/id = 3.5	Min R	eq = 1.6	(Truss	s)
	Bearings B, Z, & N are a rigid surface.						
	Members not listed have forces less than 375#						
_	Max	imum	Top Ch	ord For	ces Per	Ply (lb:	s)
	Cho	rds T	ens.Con	np. C	hords	Tens.	Comp.

B - C	162 - 377	I-J	597	- 1440
F-G	501 - 1054	J - K	620	- 1771
G - H	474 - 864	K-L	529	- 1674
H - I	557 - 1195	L-M	382	- 1331

**Bracing** 

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

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 2X4 except as noted.

### Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is 10-3-5.

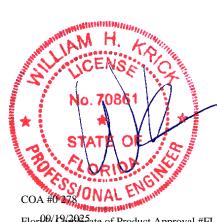
Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

H-I 5	557 - 1195	L - M	302	- 1331
Maximum E				•

### Y - X X - V 644 - 127 U-S 1470 - 334 623 - 126 S-Q 1437 - 330 V - U 1113 - 248 P - O 1168 -316

<b>Maxim</b>	Maximum Web Forces		Per Ply (lbs)		
Nebs	Tens.Comp.	Webs	Tens.	Comp.	
C - Z	134 - 385	U - J	207	- 534	
Z - Y	423 - 1494	Q-P	1396	- 340	

534 - 340 319 - 1378 K-P - 394 154 F-V 521 - 38 L - O 199 - 535 O - M V - H 242 - 549 1265 - 337 U-I 426 - 134 M - N 371 - 1304



Florida Cerun cate of Product Approval #FL 1999

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

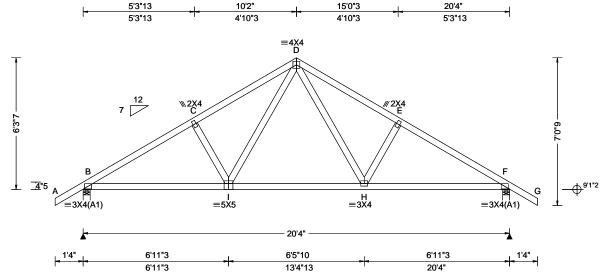
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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, 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/TP1 1 Sec. 2.

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

SEQN: 701922 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T17 FROM: RFG Qty: 9 **PROVEAUX** DrwNo: 262.25.1031.39500 Truss Label: C1 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria	▲
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA         Ct: NA         CAT: NA         PP Deflection in loc L/defl L/# VERT(LL): 0.039 H 999 360           Lu: NA         Cs: NA         VERT(LL): 0.039 H 999 360           Snow Duration: NA         VERT(CL): 0.076 H 999 240           HORZ(LL): 0.016 F - HORZ(TL): 0.032 F - HORZ(TL): 0.032 F - Creep Factor: 2.0         Creep Factor: 2.0           FBC 8th Ed. 2023 Res.         Max TC CSI: 0.239           TPI Std: 2014         Max BC CSI: 0.459           Rep Fac: Yes         Max Web CSI: 0.181           FT/RT:20(0)/10(0)         Plate Type(s):           WAVE         VIEW Ver: 24.02.00D.0114.10	
Lumber			_

	▲ Maximum Reactions (lbs)									
		Gravity		N	Non-Gravity					
	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL	_			
	B 97	B /-	/-	/492	/162	/153				
	F 97	B /-	/-	/492	/162	/-				
	Wind reactions based on MWFRS									
	B Br	g Wid =	4.0 Mir	Req = 1.	5 (Trus	s)				
	F Br	g Wid =	4.0 Mir	Req = 1.	5 (Trus:	s)				
	Bearing	gsB&F	are a rigi	d surface.	•	•				
	Membe	ers not lis	ted have	forces les	s than 3	375#				
	Maxim	um Top	Chord F	orces Per	Ply (lb	s)				
	Chords	Tens.C	Comp.	Chords	Tens.	Ćomp.				
	B-C	433	- 1358	D-E	468	- 1213				
_	C-Ď		- 1212	E-F	432					

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

### Loading

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

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is

# Maximum Bot Chord Forces Per Ply (lbs)

Chorus	Tens.c	omp.	Chorus	Tens. v	Comp.	
B-I	1107	- 241	H-F	1107	- 247	
I - H	754	- 58				

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (	comp.
I - D	472 - 161	D-H	474	- 160



Flor 09/19/2007 Sate of Product Approval #FL 1999

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

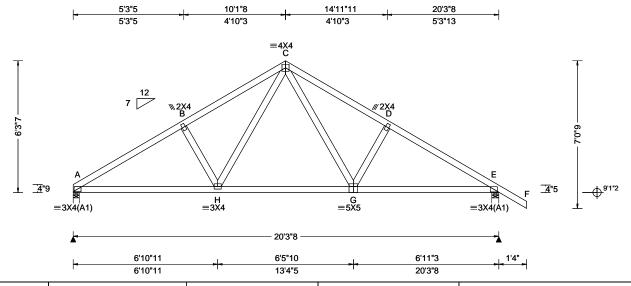
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers 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 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/TP1 1 Sec. 2.

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



SEQN: 701924 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T30 FROM: RFG Qty: 3 **PROVEAUX** DrwNo: 262.25.1031.37577 Truss Label: C1A GA / WHK 09/19/2025



Loading Criteria (psf) Wind Criteria		Snow C	Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria			▲ Maximum Reactions (lbs)										
lτ	TCLL:	20.00	Wind Std: ASCE 7-22	Pa: NA	Ct: NA	CAT: NA	PP Deflection	on in	loc L/de	fl L/#		Gravity		N	on-Gra	vity
T	CDL:	10.00	Speed: 130 mph	Pf: NA		Ce: NA	VERT(LL):	0.039	G 999	360	Loc R-	⊦ /R-	/ Rh	/ Rw	/ U	/ R
E	BCLL:	0.00	Enclosure: Closed	Lu: NA	Cs: NA		VERT(CL):	0.076	G 999	240	A 883	· /-	/-	/485	/10	/16
E	BCDL:	10.00	Risk Category: II	Snow D	uration: NA	١	HORZ(LL):	0.016	E -	-	E 980	) /-	/-	/491	/16	/-
	Des Ld:	40 00	EXP: C Kzt: NA Mean Height: 15.00 ft				HORZ(TL):	0.031	E -	-				n MWFRS		
N	NCBCLL:	10.00	TCDL: 5.0 psf	Building	Code:		Creep Facto	or: 2.0				) Wid = 3.		n Req = 1.	•	,
8	Soffit:	2.00	BCDL: 5.0 psf	FBC 8th	Ed. 2023	Res.	Max TC CS	I: 0.2	247			y Wid = 4.		n Req = 1. iid surface.	•	S)
L	oad Dura		MWFRS Parallel Dist: h to 2h	TPI Std:	2014		Max BC CS	l: 0.4	460				_	e forces les		275#
8	Spacing: :	24.0 "	C&C Dist a: 3.00 ft	Rep Fac			Max Web C	SI: 0.	184					Forces Per		
			Loc. from endwall: not in 9.00 ft		20(0)/10(0)							Tens.Co		Chords	Tens.	•
			GCpi: 0.18	Plate Ty	pe(s):							004	4000	0.0	200	- 41
ı			Wind Duration: 1.60	WAVE			VIEW Ver: 2	24.02.0	0D.0114	.10	A-B	284 -		C-D		- 12
П	Lumbor										B-C	318 -	1222	D - E	269	- 13

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

### Loading

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

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is

### /16 /-1.5 (Truss) 1.5 (Truss) ess than 375# er Ply (lbs) Tens. Comp. 303 - 1215 - 1362

/RL

/167

# Maximum Bot Chord Forces Per Ply (lbs)

Cilolus	rens.comp.		Cilolus	rens. Comp.		
A - H	1118	- 142	G-E	1110	- 136	
H - G	757	- 12				

### Maximum Web Forces Per Ply (lbs)

Vebs	Tens.Comp.	Webs	Tens. C	comp.	
1 - C	484 - 100	C - G	472	- 91	



Florida Ceriffeate of Product Approval #FL 1999

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

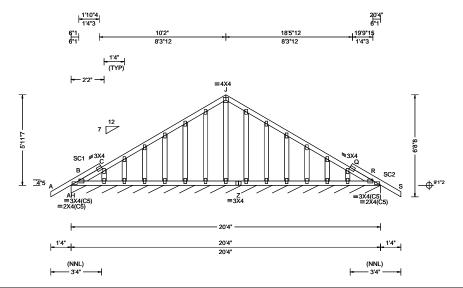
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers 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 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/TP1 1 Sec. 2.

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

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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 701926 GABL Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T24 Qty: 1 FROM: RFG **PROVEAUX** DrwNo: 262.25.1031.30477 Truss Label: C1E GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria			
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#			
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 K 999 360			
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 K 999 240			
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B			
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.003 H			
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0			
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.238			
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.027			
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.882			
	Loc. from endwall: Any	FT/RT:20(0)/10(0)				
	GCpi: 0.18	Plate Type(s):				
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10			
Laurelaure		A dalidian at Mada a				

### ▲ Maximum Reactions (lbs), or \*=PLF Gravity Non-Gravity Loc R+ /R /Rw /U /RL AH\*113 /-/-/49 /18 Wind reactions based on MWFRS AH Brg Wid = 244 Min Req = Bearing AH is a rigid surface. Members not listed have forces less than 375#

### Lumber

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

### **Plating Notes**

All plates are 2X4 except as noted.

### Loading

Truss designed to support 1-0-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

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

Wind loading based on both gable and hip roof types. Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/204.

### **Additional Notes**

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

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

The overall height of this truss excluding overhang is



Florida Centra ate of Product Approval #FL 1999

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

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

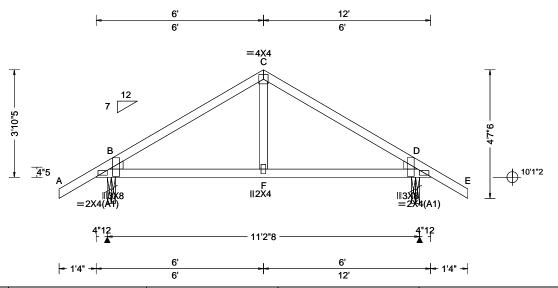
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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



SEQN: 701943 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T28 FROM: RFG **PROVEAUX** DrwNo: 262.25.1031.28120 Qty: 1 Truss Label: D1 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.011 F 999 360	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.023 F 999 240	B 596 /- /- /286 /101 /90
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 D	D 589 /- /- /286 /101 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.012 D	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	B Brg Wid = 3.5 Min Req = 1.5 (Truss)
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.245	D Brg Wid = 3.5 Min Req = 1.5 (Truss)
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.242	Bearings B & D are a rigid surface.  Members not listed have forces less than 375#
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.081	Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Chords Tens.Comp. Chords Tens. Comp.
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	B - C 235 - 510 C - D 235 - 507

### Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

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

Left and right cantilevers are exposed to wind Wind loading based on both gable and hip roof types.

The overall height of this truss excluding overhang is 3-10-5



Flor Red Ceroff ate of Product Approval #FL 1999

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

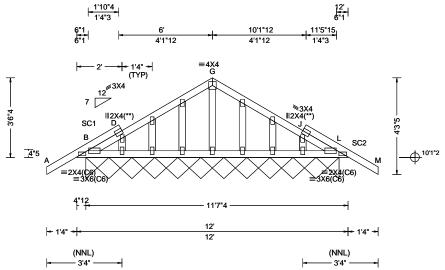
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior 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 Detailis, 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 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/TP1 1 Sec. 2.

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



SEQN: 701954 GABL Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T29 FROM: RFG **PROVEAUX** DrwNo: 262.25.1031.25230 Qty: 1 Truss Label: D1E GA / WHK 09/19/2025



				_				
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4				
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#					
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 G 999 360	L				
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 G 999 240	le				
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C	١				
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 L	E				
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E				
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.246	ľ				
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.120	ľ				
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.200	2				
'	Loc. from endwall: Any	FT/RT:20(0)/10(0)		E				
	GCpi: 0.18	Plate Type(s):		1				
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10					

▲ Maximum Reactions (lbs), or *=PLF									
	Gravity		N	on-Gra	vity				
Loc R-	- /R-	/ Rh	/ Rw	/ U	/ RL				
B* 122	: /-	/-	/54	/33	/9				
Wind reactions based on MWFRS									
B Brg	Wid = 1	34 Mir	n Req = -						
Bearing	B is a rio	gid surfa	ce.						
Membe	rs not list	ed have	forces les	s than :	375#				
Maximu	ım Top (	Chord F	orces Per	Ply (lb	s)				
Chords	Tens.C	omp.	. Chords		Comp.				
B - D	372	- 390	J-L	372	- 387				

### Lumber

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

### **Plating Notes**

All plates are 2X4 except as noted.

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

### Loading

Truss designed to support 1-0-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

### **Purlins**

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

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

Left and right cantilevers are exposed to wind Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/999.

## **Additional Notes**

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

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

The overall height of this truss excluding overhang is



Flored Converte of Product Approval #FL 1999

\*\*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.

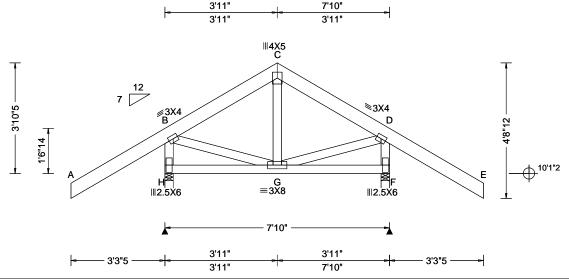
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Scc. 2.

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

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

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

SEQN: 701946 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T33 FROM: RFG **PROVEAUX** DrwNo: 262.25.1031.22623 Qty: 1 Truss Label: D2 GA / WHK 09/19/2025



Loading Criteria (psf) Wind Criter	ia Snow Crite	eria (Pg,Pf in PSF)	Defl/CSI Criteria		▲ Maxim	um Reacti	ions (lbs)		
TCLL: 20.00 Wind Std:	ASCE 7-22 Pg: NA	Ct: NA CAT: NA	PP Deflection in	loc L/defl L/#	: (	Gravity	1	Non-Grav	/ity
TCDL: 10.00 Speed: 130	) mph Pf: NA	Ce: NA	VERT(LL): 0.00	2 G 999 360	Loc R+	/ R- /	/Rh /Rw	/ / U	/ RL
BCLL: 0.00 Enclosure: 0	Closed Lu: NA		VERT(CL): 0.00		H 548	<i>I</i> - <i>I</i>	/- /230	/107	/58
BCDL: 10.00 Risk Catego			HORZ(LL): -0.00		1 0.0	/- /	/- /230 /- /230		/- /-
Des Ld: 40.00 EXP: C Kz			HORZ(TL): 0.00		1	ctions base	ed on MWFRS		•
Mean Heigh	I Building Co		Creep Factor: 2.0		H Brg	Wid = 3.5	Min Req = 1	.5 (Truss	s)
1СДЕ: 5.0 р	SI EBC 9th Ed		· •	).450	F Brg	Wid = 3.5	Min Req = 1	.5 (Truss	s)
рсы. 3.0 р	rallel Dist: 0 to h/2 TPI Std: 2	014	Max BC CSI: 0	0.133			a rigid surface		
Spacing: 24.0 " C&C Dist a:	Tallel Dist. 0 to 1/2	-	Max Web CSI: 0	0.201			have forces le		375#
	3.00 10						rces Per Ply (	•	
		, , ,			Webs	Tens.Comp	p. Webs	Tens.	Comp.
	oi: 0.18 Plate Type(	•				475 54	10 D E	475	F40
Wind Duration	on: 1.60 WAVE		VIEW Ver: 24.02.	.00D.0114.10	B - H	475 - 51	16 D-F	475	- 516

### Lumber

Top chord: 2x6 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

The overall height of this truss excluding overhang is



Flor 20 Central ate of Product Approval #FL 1999

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

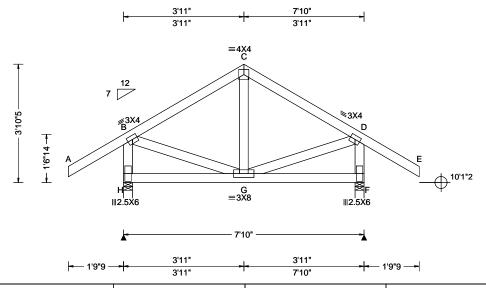
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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-2 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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 701948 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T32 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1031.20633 Truss Label: D3 GA / WHK 09/19/2025



Loading Criteria (psf) Wir	ind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)	)
TCLL: 20.00 Wir	ind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		Non-Gravity
TCDL: 10.00 Spe	peed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 C 999 360	Loc R+ /R- /Rh	/Rw /U /RL
DOLL. 0.00   1		Lu: NA Cs: NA	VERT(CL): 0.004 G 999 240	H 448 /- /-	/204 /83 /58
1BCDL. 10.00 1		Snow Duration: NA	HORZ(LL): -0.000 B	F 448 /- /-	/204 /83 /-
Dec d: 40.00	(P: C Kzt: NA		HORZ(TL): 0.001 D	Wind reactions based on MW	/FRS
NCDCLL 40.00	ean Height: 15.00 ft CDL: 5.0 psf	Building Code:	Creep Factor: 2.0	H Brg Wid = 3.5 Min Red	
0-4:4-	CDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.293	F Brg Wid = 3.5 Min Red	
	WFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.132	Bearings H & F are a rigid su	
Spacing: 24.0 " C&6	RC Dist a: 3.00 ft	-1	Max Web CSI: 0.136	Members not listed have forc  Maximum Web Forces Per	
Loc		FT/RT:20(0)/10(0)		Webs Tens.Comp. We	ebs Tens. Comp.
Wir		Plate Type(s): WAVE	VIEW Ver: 24.02.00D.0114.10	B - H 340 - 416 D -	F 340 -416

### Lumber

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

### Wind

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### **Additional Notes**

The overall height of this truss excluding overhang is



Flor 22/1995 ate of Product Approval #FL 1999

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

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

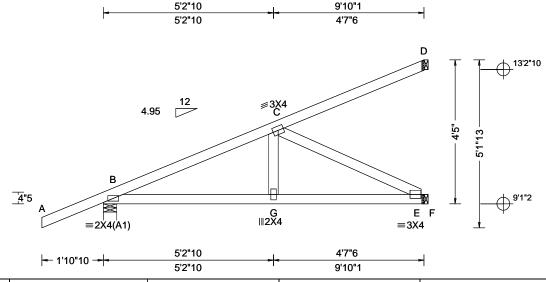
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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

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

SEQN: 701936 HIP\_ Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T14 FROM: RFG Qty: 3 **PROVEAUX** DrwNo: 262.25.1031.17967 Truss Label: HJ1 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.015 G 999 360	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.030 G 999 240	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 F	E
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.010 F	[
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	١,
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.554	5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.557	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.345	Ιè
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		1
	GCpi: 0.18	Plate Type(s):		۱ ا
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10	<u></u>

	▲ M	aximu	ım Reac	tions (lbs	)		
¥		G	ravity		No	n-Grav	ity
,	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
)	В	362	/-	/-	/-	/95	/-
	Ε	351	/-	/-	/-	/66	/-
	D	75	/-	/-	/-	/35	/-
	Win	d reac	tions bas	sed on MV	VFRS		
	В	Brg W	/id = 4.9	Min Re	q = 1.5	(Truss	)
	E	Brg W	/id = 1.5	Min Re	q = -		
	D	Brg W	/id = 1.5	Min Re	q = -		
	Bea	ring B	is a rigid	surface.			
	Men	nbers	not listed	have force	es less	than 3	75#
	Max	imum	Top Ch	ord Force	es Per	Ply (lbs	s)
	Cho	rds T	ens.Con	np.			•

### Lumber

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

### **Special Loads**

(Lumber	Dur.Fac.=1.	25 / Plate D	Our.Fac.=1.2	5)
TC: From				0.00
TC: From	2 plf at	0.00 to	2 plf at	9.84
BC: From	0 plf at	-1.89 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	9.84
TC: -14 lb (	Conc. Load	at 1.38	•	
TC: 132 lb	Conc. Load	at 4.21		
TC: 261 lb	Conc. Load	at 7.03		
BC: 12 lb	Conc. Load	at 1.38		
BC: 100 lb	Conc. Load	at 4.21		
BC: 181 lb	Conc. Load	at 7.03		

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

### **Additional Notes**

The overall height of this truss excluding overhang is 4-5-0.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - G 605 - 144 G-F 596 - 146

### Maximum Web Forces Per Ply (lbs)

161 - 657

Webs	Tens.Comp.
C-F	163 - 667

B - C



Flor 22/2025 ate of Product Approval #FL 1999

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

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

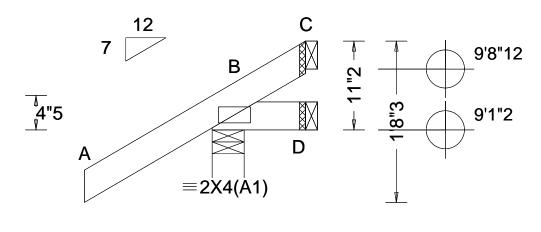
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI.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

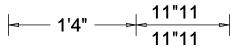
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec. 2.

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

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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 701928 JACK Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T12 FROM: RFG Qty: 6 **PROVEAUX** DrwNo: 262.25.1031.14187 Truss Label: J1 GA / WHK 09/19/2025





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Γ
Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 10.00   Soffit: 2.00   Load Duration: 1.25   Spacing: 24.0   "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any	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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	DefI/CSI Criteria	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 24.02.00D.0114.10	]
Lumber				

A N	laxim	um Rea	ctions (II	os)		
	G	Gravity		N	on-Gra	vity
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	227	/-	/-	/70	/52	/41
D	6	/-12	/-	/13	/-	/-
С	-	/-43	/-	/29	/7	/-
Wii	nd read	ctions ba	ased on N	/WFRS		
В	Brg V	Vid = 4.	0 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	Reg = -	•	•
			5 Min F			
Bea	aring B	is a rig	id surface	e		
Me	mbers	not liste	ed have fo	orces les	s than	375#

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

### **Additional Notes**

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



Florda Certificate of Product Approval #FL 1999

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

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

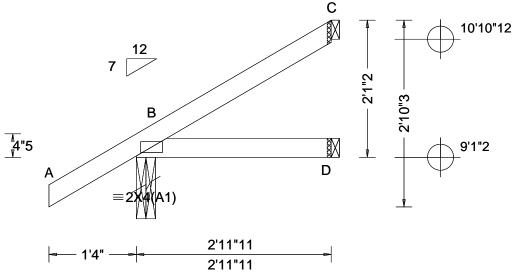
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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



SEQN: 701930 JACK Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T11 FROM: RFG Qty: 6 **PROVEAUX** DrwNo: 262.25.1031.12593 Truss Label: J3 GA / WHK 09/19/2025



TCLL:         20.00         Wind Std:         ASCE 7-22         Pg: NA         Ct: NA         CAT: NA         PP Deflection in VERT(LL):         NA           TCDL:         10.00         Speed:         130 mph         Pf: NA         Ce: NA         VERT(LL):         NA           BCDL:         10.00         Enclosure: Closed         Lu: NA         Cs: NA         VERT(CL):         NA           Des Ld:         40.00         McBCLL:         10.00         EXP: C         Kzt: NA         MORZ(LL):         0.0           NCBCLL:         10.00         TCDL:         5.0 psf         Building Code:         Creep Factor:         Creep Factor:         Creep Factor:         2           Soffit:         2.00         BCDL:         5.0 psf         FBC 8th Ed.         2023 Res.         Max BC CSI:           Load Duration:         1.25         MWERT(CL):         0.0         Max BC CSI:         Max BC CSI:	n in loc		
Load Duration: 1.25   MWFRS Parallel Dist: 0 to h/2   F1/Stit. 2014   Max Bc CSI:	NA NA 0.000 B 0.001 B r: 2.0 : 0.206 : 0.066 SI: 0.000	L/defl - - -	-

		ctions (II	JSJ		
G	ravity		No	on-Gra	vity
R+	/ R-	/ Rh	/ Rw	/U	/ RL
246	/-	/-	/98	/31	/82
50	/-	/-	/32	/-	/-
66	/-	/-	/54	/39	/-
d read	tions b	ased on N	/WFRS		
Brg V	Vid = 3.	5 Min F	Req = 1.5	(Trus	s)
Brg V	Vid = 1.	5 Min F	Req = -		-
Brg V	Vid = 1.	5 Min F	?eq = -		
ring B	is a rig	id surface	).		
nbers	not liste	ed have fo	rces les	s than	375#
	R+ 246 50 66 d read Brg V Brg V Brg V ring B	R+ / R-  246  /-  50  /-  66  /-  d reactions b  Brg Wid = 3.  Brg Wid = 1.  Brg Wid = 1.  ring B is a rig	R+ / R- / Rh  246 /- /- 50 /- /- 66 /- /- d reactions based on N Brg Wid = 3.5 Min F Brg Wid = 1.5 Min F	R+ / R- / Rh / Rw  246	R+ / R- / Rh / Rw / U  246

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

### **Additional Notes**

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



Flor 22/2025 ate of Product Approval #FL 1999

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

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

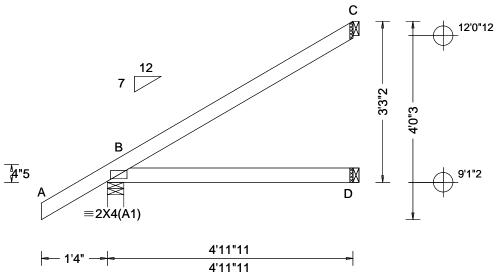
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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



SEQN: 701932 JACK Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T10 FROM: RFG Qty: 6 **PROVEAUX** DrwNo: 262.25.1031.10830 Truss Label: J5 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 B HORZ(TL): 0.008 B Creep Factor: 2.0 Max TC CSI: 0.349 Max BC CSI: 0.238 Max Web CSI: 0.000
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10
Lumber		•	

<b>▲</b> M	axim	um Rea	actions (Ik	os)		
	G	avity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	319	/-	/-	/139	/30	/124
D	90	/-	/-	/55	/-	/-
С	131	/-	/-	/92	/72	/-
Win	d read	ctions b	ased on N	<b>MWFRS</b>		
В	Brg V	Vid = 4	.0 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1	.5 Min F	eq = -	•	•
С	Brg V	Vid = 1	.5 Min F	Req = -		
Bea	ring E	is a rig	gid surface	).		
Mer	nbers	not list	ed have fo	rces les	s than	375#
	Loc B D C Win B D C Bea	B 319 D 90 C 131 Wind read B Brg V D Brg V C Brg V Bearing B	Cravity   Loc   R+	Gravity Loc R+ /R- /Rh  B 319 /- /- D 90 /- /- C 131 /- /- Wind reactions based on M B Brg Wid = 4.0 Min F D Brg Wid = 1.5 Min F C Brg Wid = 1.5 Min F Bearing B is a rigid surface	Loc         R+         / R-         / Rh         / Rw           B         319         /-         /-         /139           D         90         /-         /-         /55           C         131         /-         /-         /92           Wind reactions based on MWFRS         B Brg Wid = 4.0         Min Req = 1.5         Min Req = 1.5           D         Brg Wid = 1.5         Min Req = -         .           C         Brg Wid = 1.5         Min Req = -           Bearing B is a rigid surface.	Gravity

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

### **Additional Notes**

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



Florida Certificate of Product Approval #FL 1999

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

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

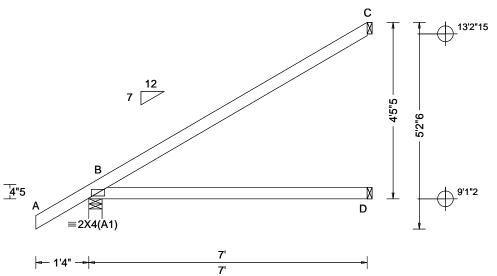
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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



SEQN: 701934 **EJAC** Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T13 FROM: RFG **PROVEAUX** Qty: 27 DrwNo: 262.25.1031.08400 Truss Label: J7 GA / WHK 09/19/2025



Coading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   TCDL: 10.00   TC	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 B - HORZ(TL): 0.028 B -	<u> </u>
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Speed: 130 mph Enclosure: Closed Risk Category: II	Pf: NA Ce: NA Lu: NA Cs: NA	VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 B	
Lumber				

▲ M	aximı	ım Rea	ctions (II	os)			
	Gravity			Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	398	/-	/-	/190	/30	/166	
D	130	/-	/-	/79	/-	/-	
С	191	/-	/-	/131	/103	/-	
Win	d read	ctions b	ased on N	/WFRS			
В	Brg V	Vid = 4.	0 Min F	Req = 1.5	(Trus	s)	
D	Brg V	Vid = 1.	5 Min F	Reg = -	•	•	
			5 Min F				
Bea	ring B	is a rig	id surface	). ).			
	_	_	ed have fo		s than 3	375#	
	3.0						

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

### **Additional Notes**

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



Flor 09/19/2007 Sate of Product Approval #FL 1999

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

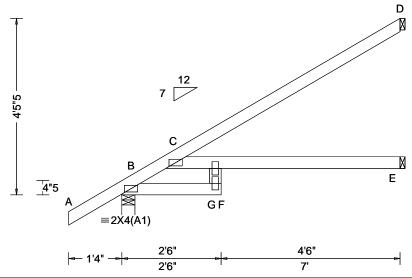
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior 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 Detailis, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

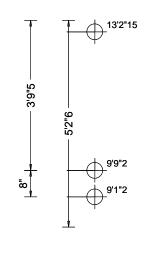
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec. 2.

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

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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 701869 **EJAC** Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 FROM: RFG Qty: 6 **PROVEAUX** DrwNo: 262.25.1031.06617 Truss Label: J7A GA / WHK 09/19/2025





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffii: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.115 F 712 360 VERT(CL): 0.233 F 353 240 HORZ(LL): 0.050 C HORZ(TL): 0.100 C Creep Factor: 2.0 Max TC CSI: 0.708 Max BC CSI: 0.495 Max Web CSI: 0.201
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10

<b>A</b> 141			ctions (II	•	_	
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	398	/-	/-	/190	/30	/166
Е	126	/-	/-	/79	/-	/-
D	189	/-	/-	/130	/99	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 4.	0 Min F	Req = 1.5	(Trus	s)
Е	Brg V	Vid = 1.	5 Min F	Req = -	•	•
D			5 Min F			
Bea	ring B	is a rig	id surface	). •		
Men	nbers	not liste	ed have fo	orces les	s than	375#

### Lumber

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

### **Plating Notes**

All plates are 2X4 except as noted.

### Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

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

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



Florida Cerumeate of Product Approval #FL 1999

\*\*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 Detailis, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

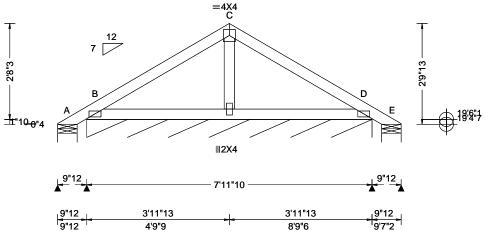
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec. 2.

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



SEQN: 701960 COMN Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T35 FROM: RFG **PROVEAUX** DrwNo: 262.25.1031.00093 Qty: 5 Truss Label: P1 GA / WHK 09/19/2025





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 360	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 240	1
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000	E
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 15.43 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 13.00 ft	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	HORZ(TL): 0.000 Creep Factor: 2.0 Max TC CSI: 0.170 Max BC CSI: 0.121 Max Web CSI: 0.021	VAEEEN
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 24.02.00D.0114.10	
Lumber	-	•		-

1	N	laxim	um Rea	ctions (II	os), or *=	:PLF			
		G	avity		No	on-Gra	vity		
L	-00	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
1	١	_	/-73	/-	/65	/94	/73		
E	3*	113	/-	/-	/64	/6	/-		
E	•	-	/-73	/-	/28	/58	/-		
I١	۷ir	nd read	ctions ba	ased on N	<b>MWFRS</b>				
1	١	Brg V	Vid = 6.	5 Min F	Req = 1.5	(Trus	ss)		
E	3	Brg V	Vid = 95	.6 Min F	?eq = -	•	•		
	•			5 Min F		(Trus	ss)		
E	Bearings A, B, & E are a rigid surface.								
I	Ие	mbers	not liste	ed have fo	rces les	s than	375#		
1									

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

### **Plating Notes**

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

### Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

Refer to DWG PB160220723 for piggyback details. The overall height of this truss excluding overhang is 2-9-13.



Flor Red Con Product Approval #FL 1999

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

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

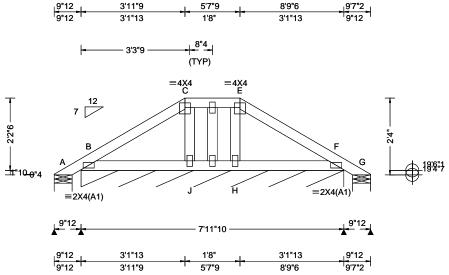
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 Detailis, 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 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/TP1 1 Sec. 2.

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

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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 701962 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T1 FROM: RFG DrwNo: 262.25.1030.58480 Qty: 2 **PROVEAUX** Truss Label: P2 GA / WHK 09/19/2025



Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 10.00   Soffii: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.19 ft TCDL: 5.0 psf	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 8th Ed. 2023 Res.	Defl/CSI Criteria
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.19 ft TCDL: 5.0 psf BCDL: 5.0 psf	Building Code: FBC 8th Ed. 2023 Res.	HORZ(TL): 0.000 Creep Factor: 2.0
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Rep Fac: Yes	Max Web CSI: 0.014  VIEW Ver: 24.02.00D.0114.10

	A M	laxim	um Rea	ctions (It	os). or *=	:PLF		
			ravity	· · · · · · · · · · · · · · · · · · ·	Non-Gravity			
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
	Α	-	/-29	/-	/44	/54	/60	
	В*	84	/-	/-	/57	/11	/-	
	G	-	/-29	/-	/14	/24	/-	
	Wir	nd read	ctions ba	ased on N	<b>MWFRS</b>			
	Α			5 Min F		(Trus	s)	
	В	Brg V	Vid = 95	.6 Min F	Req = -			
	G	Brg V	Vid = 6.	5 Min F	Req = 1.5	(Trus	s)	
	Bea	rings	A, B, &	G are a ri	gid surfa	ce.		
	Mei	mbers	not liste	ed have fo	rces les	s than	375#	
_								

### Lumber

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

### **Plating Notes**

All plates are 2X4 except as noted.

### Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

Refer to DWG PB160220723 for piggyback details. The overall height of this truss excluding overhang is 2-4-0.



Flored Certificate of Product Approval #FL 1999

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

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

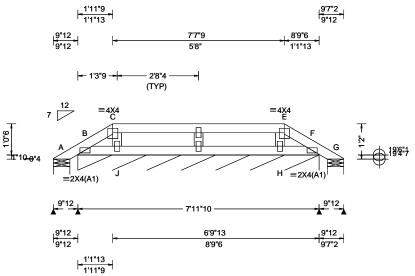
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. 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 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/TP1 1 Sec. 2.

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

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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 701964 HIPS Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T2 FROM: RFG DrwNo: 262.25.1030.55123 Qty: 2 **PROVEAUX** Truss Label: P3 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	PP Deflection in loc L/defl L/# VERT(LL): 0.000 - 360 VERT(CL): 0.000 - 240 HORZ(LL): 0.000 HORZ(TL): 0.000 Creep Factor: 2.0 Max TC CSI: 0.115 Max BC CSI: 0.036 Max Web CSI: 0.040  VIEW Ver: 24.02.00D.0114.10

	Iaxiiiii	um Rea	ctions (II	bs), or *=	:PLF			
	G	avity		No	on-Gra	avity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Α	20	/-	/-	/23	/9	/27		
В*	72	/-	/-	/47	/8	/-		
G	20	/-	/-	/18	/4	/-		
Wir	nd read	ctions b	ased on N	/WFRS				
Α	Brg V	Vid = 6	5 Min F	Req = 1.5	(Trus	ss)		
В	Brg V	Vid = 9	5.6 Min F	Req = -	•	-		
G	Brg V	Vid = 6	5 Min F	Req = 1.5	(Trus	ss)		
Bearings A, B, & G are a rigid surface.								
Mei	mbers	not list	ed have fo	rces les	s than	375#		
	A B* G Wir A B G	A 20 B* 72 G 20 Wind read A Brg V B Brg V G Brg V Bearings	Wind reactions b A Brg Wid = 6. B Brg Wid = 9! G Brg Wid = 6. Bearings A, B, &	A 20 /- /- B* 72 /- /- G 20 /- /- Wind reactions based on M A Brg Wid = 6.5 Min F B Brg Wid = 95.6 Min F G Brg Wid = 6.5 Min F Bearings A, B, & G are a ri	A 20 /- /- /23 B* 72 /- /- /47 G 20 /- /- /18 Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 B Brg Wid = 6.5 Min Req = - G Brg Wid = 6.5 Min Req = 1.5 Bearings A, B, & G are a rigid surfa	A 20 /- /- /23 /9 B* 72 /- /- /47 /8 G 20 /- /- /18 /4 Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Trus B Brg Wid = 95.6 Min Req = - G Brg Wid = 6.5 Min Req = 1.5 (Trus		

### Lumber

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

### **Plating Notes**

All plates are 2X4 except as noted.

### Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

Refer to DWG PB160220723 for piggyback details. The overall height of this truss excluding overhang is 1-2-0.



Florida Cerifficate of Product Approval #FL 1999

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

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

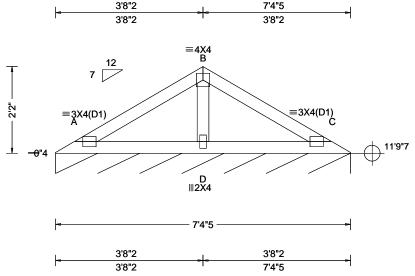
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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



SEQN: 701950 VAL Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T31 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1030.52797 Truss Label: V1 GA / WHK 09/19/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.005 C 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.011 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 C
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.005 C
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.161
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.142
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.075
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10
Lumbor			

### ▲ Maximum Reactions (lbs), or \*=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL C\* 83 /-/-/10 Wind reactions based on MWFRS C Brg Wid = 88.3 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

### Lumber

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

### Wind

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

See DWGS VALTN220723 and VAL180220723 for valley details.

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



Flor 20 2020 Eate of Product Approval #FL 1999

\*\*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.

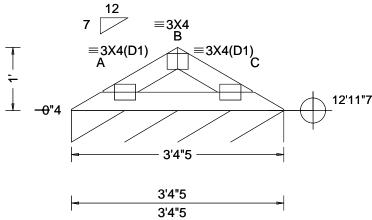
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec. 2.

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



SEQN: 701952 VAL Ply: 1 Job Number: 25-3047 Cust: R 215 JRef: 1YdJ2150002 T34 FROM: RFG Qty: 1 **PROVEAUX** DrwNo: 262.25.1030.51027 Truss Label: V2 GA / WHK 09/19/2025





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 C 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.004 C 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 A
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.002 A
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.051
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.072
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00D.0114.10

▲ Maximum Reactions (lbs), or \*=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL C\* 82 /-/-/5 Wind reactions based on MWFRS C Brg Wid = 40.3 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

### Lumber

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

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

Wind loading based on both gable and hip roof types.

### **Additional Notes**

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is



Flored Control of Product Approval #FL 1999

\*\*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. Installiers 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: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



# Valley Detail - ASCE 7-22: 180 mph, 30' Mean Height, Partially Enclosed, Exp. C, Kzt=1.00

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

\*\* Attach each valley to every supporting truss with 535# connection or with (1) Simpson H2.5A or equivalent connector for ASCE 7-22 180 mph. 30' Mean Height, Part. Enc.

ASCE 7-22 180 mph. 30' Mean Height, Part. Enc. Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00

ASCE 7-22 160 mph. 30' Mean Height, Part. Enc. Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

Valleys short enough to be cut as solid triangular members from a single 2x6, or larger as required, shall be permitted in lieu of fabricating from separate 2x4 members.

All plates shown are Alpine Wave Plates.

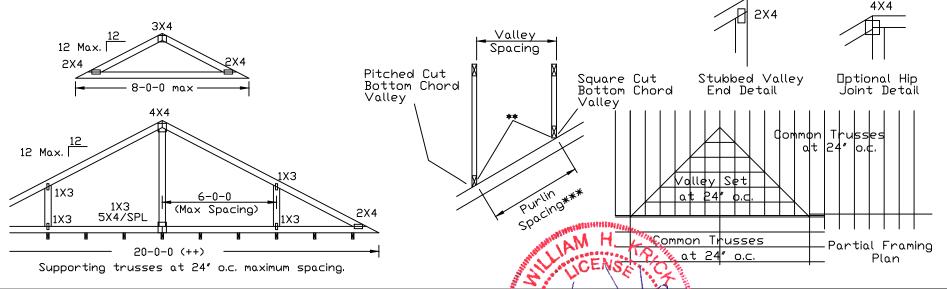
Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7-9" apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.128"  $\times$  3.0") nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

Top chord of truss beneath valley set must be braced with properly attached, rated sheathing applied prior to valley truss installation.

Purlins at 24" o.c. or as otherwise specified on engineer's sealed design  $\ensuremath{\square r}$ 

By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

- \*\*\* Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.
- ++ Larger spans may be built as long as the vertical height does not exceed 14'-0''.



ALPINE AN ITW COMPANY

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

# \*\*\*VARNING\*\*\* READ AND FOLLOW ALL NOTES ON THIS DRAVING \*\*\*IMPORTANT\*\*\* FURNISH THIS DRAVING 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 B SII Unless noted otherwise, top chord shall have properly attached structural sheathing and botto chord shall have a properly attached rigid celling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the John Details, unless noted otherwise.

Refer to drawings 160A-Z For standard plate positions.

Alpine, a division of ITV Building Components Group Inc. shall not be responsible for any deviation of this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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

No. 70861	$V_{I}$	11000	TC_LL	30	30	40PSF	REF	VALLEY	DETAIL
	Λ	*	TC DL	20	15	7PSF	DATE	07/03/2	023
STATE OF	منبركم أ	100	BC DL	10	10	10 PSF	DRWG	VAL1802	20723
		CA	BC LL	0	0	0 PSF			
CORIO	A.	Sept.	TOT. LD.	60	55	57PSF			
JC12	(C) 100				_				
WHITE TOWN THE PROPERTY OF THE PARTY OF THE	MINN.	#0.27	DUR.F@G/169	<u>5012</u> 33	1.15	1.15			
	Floric	la Cer	Bracing	oduct	Æpp.	<b>%</b> al #FL	1999		

# Valley Detail - ASCE 7-22: 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

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

\*\* Attach each valley to every supporting truss with: (2) 16d box (0.135"  $\times$  3.5") nails toe-nailed for ASCE 7-22, 30' Mean Height, Enclosed Building, Exp. C. Wind TC DL=5 psf, Kzt = 1.00, Max. Wind Speed based on supporting truss material at connection location: 140 mph for SP (G = 0.55, min.), 125 mph for DF-L (G = 0.50, min.), or

105 mph for HF & SPF (G = 0.42, min.).

Maximum top chord pitch is 10/12 for supporting trusses below valley trusses.

Bottom chord of valley trusses may be square or pitched cut as shown.

Valleys short enough to be cut as solid triangular members from a single 2x6, or larger as required, shall be permitted in lieu of fabricating from separate 2x4 members.

All plates shown are Alpine Wave Plates.

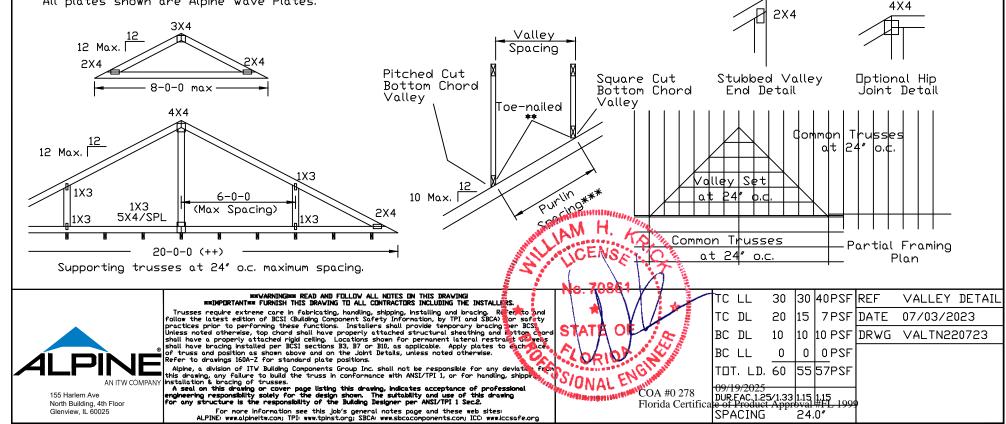
Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7-9" apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 10d box  $(0.128" \times 3.0")$  nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

Top chord of truss beneath valley set must be braced with: properly attached, rated sheathing applied prior to valley truss installation.

Purlins at 24" o.c. or as otherwise specified on engineer's sealed design

By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

- \*\*\* Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.
- ++ Larger spans may be built as long as the vertical height does not exceed 14'-0''.



# Piggyback Detail - ASCE 7-22: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

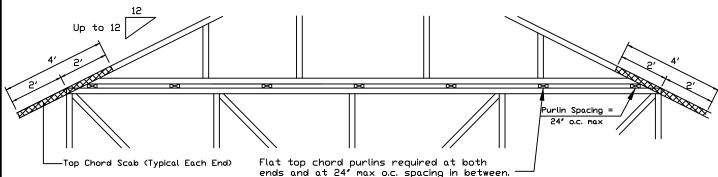
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0. Dr 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building designer shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24' o.c. Detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

\*\* Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

# Detail A: Purlin Spacing = 24" o.c. or less



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4" o.c.

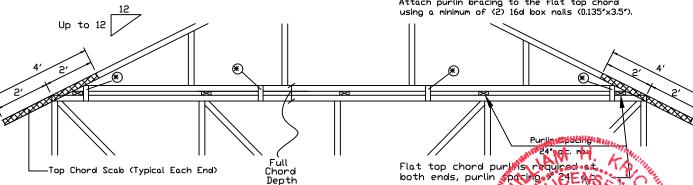
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulox plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

# Detail B: Purlin Spacing > 24" o.c.

Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4" o.c.

Attach purlin bracing to the flat top chord



both ends, purlin spacing \$ 24Eq.

Note: If purlins or sheathing are not specified on the flat top of the bear truss, purlins must be installed at 24" o.c. max. and use Detail 餐

### \* In addition, provide connection with one of the following methods:

Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

### APA Rated Gusset

8'x8'x7'16' (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.13'x2') nalls per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

### 2x4 Vertical Scabs

2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered o.c. front to back faces.

### 28PB Wave Piggyback Plate

Dine 28PB wave piggyback plate to each face 8 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120'x1.375' nails per face per ply.
Piggyback plates may be staggered 4' o.c. front to back faces.

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

majurini rania = innish i ins brawing til all Cuntracturs Including the Installer and follow the latest edition of BCSI (Bulding Component Safety Information, bratiling and bracing, Refer to and follow the latest edition of BCSI (Bulding Component Safety Information, by TPI and SBCA) for Fey practices prior to performing these functions. Installers shall provide temporary bracing jr BCSI Unless noted otherwise, top chord shall have properly attached structural sheathing and betton chord shall have a properly attached rigid celling. Locations shown for permanent tearl restrains of webs shall have bracing installed per BCSI sections B3, B7 or BIO, as applicable. Apply plates to each of truss and position as shown above and on the Joint Details, unless noted otherwise.

Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITV Building Components Group Inc. shall not be responsible for any deviation and this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping installation to bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engagement presponsibility calculures. engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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

COA #0 278

IREF **PIGGYBACK** DATE 07/03/2023

DRWG PB160220723

Florida Certificaço of Product Approxima #FL 1999

155 Harlem Ave North Building, 4th Floor

Glenview, IL 60025

09/19/2025

# CLR Reinforcing Member Substitution

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

### Notes:

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

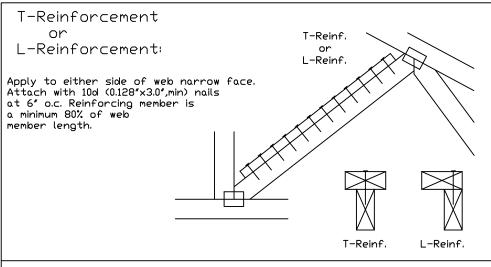
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

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

Web Member	Specified CLR	Alternative Reir	
Size	Restraint	T- or L- Reinf.	
2x3 or 2x4	1 row	2×4	1-2×4
2x3 or 2x4	2 rows	2×6	2-2×4
2×6	1 row	2×4	1-2×6
2×6	2 rows	2×6	2-2×4( <b>米</b> )
5×8	1 row	2×6	1-2×8
5×8	2 rows		2-2×6( <del>*/</del> )

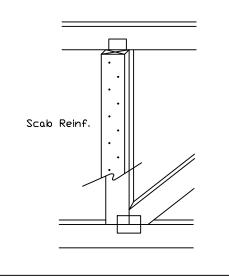
T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

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



### Scab Reinforcement:

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



# \*\*\*VARNINGI\*\*\* READ AND FOLLOW ALL NOTES ON THIS DRAVINGI \*\*\*\*IMPORTANT\*\*\* FURNISH THIS DRAVING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

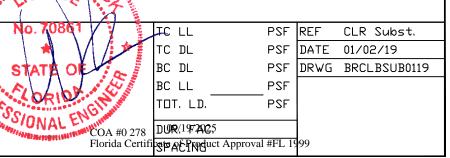
Trusses require extreme care in fabricating, handling, shipping, installing and inscaling and follow the latest edition of BCSI (Buldling Component Safety Information, brill and INFO SBCA) for stery practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chold shall have a properly attached rigid celling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each of truss and position as shown above and on the Joint Details, unless noted otherwise.

Refer to drawings 160A-Z for standard plate positions.

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

Alpine, a division of ITV Building Components Group Inc. shall not be responsible for any deviation of this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping installation 6 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 Bullding Designer per ANSI/TPI 1 Sec.2.





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