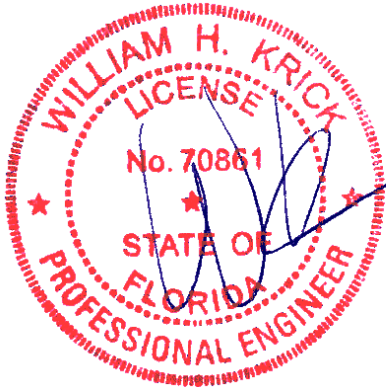




Alpine, an ITW Company  
155 Harlem Ave  
North Building, 4th Floor  
Glenview, IL 60025  
Phone: (800)755-6001  
www.alpineitw.com



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<br>JRef #: 1YdJ2150002 |
| Wind Standard: ASCE 7-22      Wind Speed (mph): 130<br>Building Type: Closed | Design Loading (psf): 40.00                           |

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

| Item | Drawing Number    | Truss | Item | Drawing Number    | Truss |
|------|-------------------|-------|------|-------------------|-------|
| 1    | 262.25.1033.15390 | A1    | 2    | 262.25.1033.10033 | A2    |
| 3    | 262.25.1033.06690 | A3    | 4    | 262.25.1033.04347 | A4    |
| 5    | 262.25.1033.00850 | A5    | 6    | 262.25.1032.57223 | A5A   |
| 7    | 262.25.1032.54347 | A6    | 8    | 262.25.1032.51517 | A6A   |
| 9    | 262.25.1032.49273 | A7    | 10   | 262.25.1032.46780 | A7B   |
| 11   | 262.25.1032.39017 | A8    | 12   | 262.25.1032.35243 | A8B   |
| 13   | 262.25.1032.28957 | A9    | 14   | 262.25.1032.22340 | A9B   |
| 15   | 262.25.1032.03220 | B1    | 16   | 262.25.1031.57943 | B1A   |
| 17   | 262.25.1031.53017 | B2    | 18   | 262.25.1031.46510 | B3    |
| 19   | 262.25.1031.39500 | C1    | 20   | 262.25.1031.37577 | C1A   |
| 21   | 262.25.1031.30477 | C1E   | 22   | 262.25.1031.28120 | D1    |
| 23   | 262.25.1031.25230 | D1E   | 24   | 262.25.1031.22623 | D2    |
| 25   | 262.25.1031.20633 | D3    | 26   | 262.25.1031.17967 | HJ1   |
| 27   | 262.25.1031.14187 | J1    | 28   | 262.25.1031.12593 | J3    |
| 29   | 262.25.1031.10830 | J5    | 30   | 262.25.1031.08400 | J7    |
| 31   | 262.25.1031.06617 | J7A   | 32   | 262.25.1031.00093 | P1    |
| 33   | 262.25.1030.58480 | P2    | 34   | 262.25.1030.55123 | P3    |
| 35   | 262.25.1030.52797 | V1    | 36   | 262.25.1030.51027 | V2    |
| 37   | VAL180220723      |       | 38   | VALTN220723       |       |
| 39   | PB160220723       |       | 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](http://www.icc-es.org).

### **Bearing Information:**

The bearing area factor,  $C_b$ , 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 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.

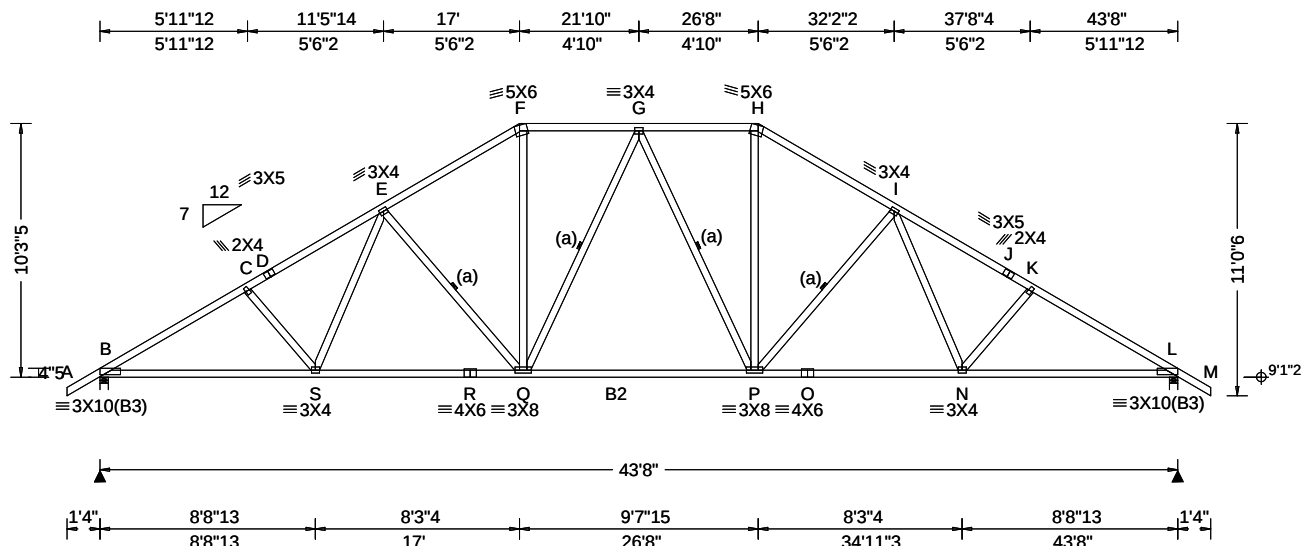
Refer to ASCE-7 for Wind and Seismic abbreviations.

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](http://www.awc.org).
2. ICC: International Code Council; [www.iccsafe.org](http://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](http://www.alpineitw.com).
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; [www.tpinst.org](http://www.tpinst.org).
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; [www.sbcacomponents.com](http://www.sbcacomponents.com)

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701906<br>FROM: RFG | COMN<br>Ply: 1<br>Qty: 2 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A1 | Cust: R 215 JRef: 1YdJ2150002 T21<br>DrwNo: 262.25.1033.15390<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.43 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.223 G 999 360<br>VERT(CL): 0.409 G 999 240<br>HORZ(LL): 0.097 L - -<br>HORZ(TL): 0.179 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.575<br>Max BC CSI: 0.896<br>Max Web CSI: 0.374<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 2151 /- /- /1083 /16 /342<br>L 2151 /- /- /1083 /16 /-<br>Non-Gravity<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.5 (Truss)<br>L Brg Wid = 4.0 Min Req = 2.5 (Truss)<br>Bearings B & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 615 -3562 G - H 648 -2256<br>C - D 594 -3345 H - I 574 -2690<br>D - E 621 -3315 I - J 621 -3314<br>E - F 574 -2691 J - K 594 -3344<br>F - G 649 -2257 K - L 614 -3561 |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Loading

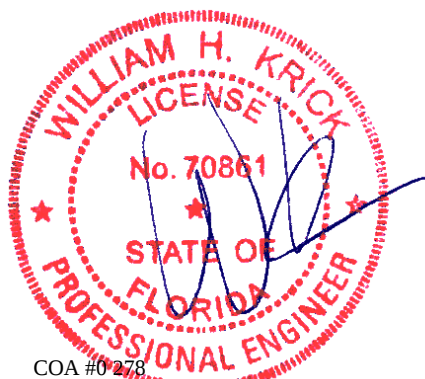
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

#### 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 10-3-5.



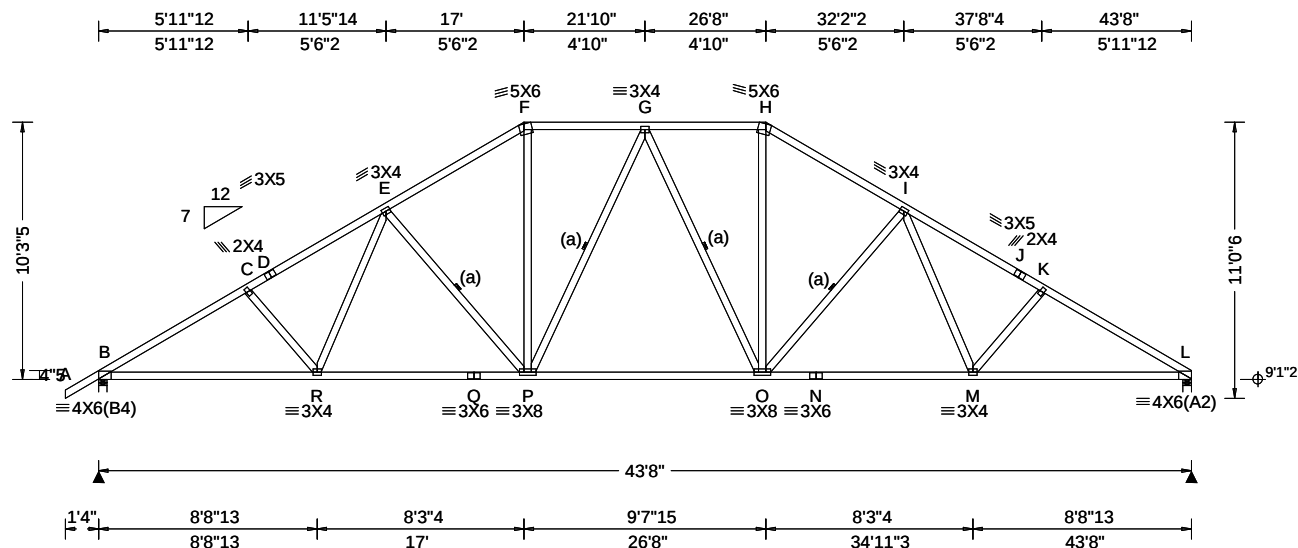
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701908<br>FROM: RFG | COMN<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A2 | Cust: R 215 JRef: 1YdJ2150002 T23<br>DrwNo: 262.25.1033.10033<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.19 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.172 G 999 360<br>VERT(CL): 0.356 G 999 240<br>HORZ(LL): 0.079 L - -<br>HORZ(TL): 0.163 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.464<br>Max BC CSI: 0.890<br>Max Web CSI: 0.293<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1907 - / - / - /1082 - /343<br>L 1812 - / - / - /1074 - / -<br>Non-Gravity<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.2 (Truss)<br>L Brg Wid = 4.0 Min Req = 2.1 (Truss)<br>Bearings B & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 563 -3083 G - H 587 -1889<br>C - D 542 -2864 H - I 519 -2268<br>D - E 569 -2834 I - J 587 -2847<br>E - F 522 -2267 J - K 561 -2877<br>F - G 590 -1888 K - L 585 -3098 |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

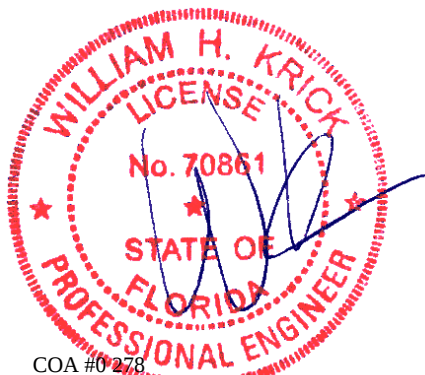
#### Wind

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

Wind loading based on both gable and hip roof types.

#### Additional Notes

The overall height of this truss excluding overhang is 10'-3-5/8".



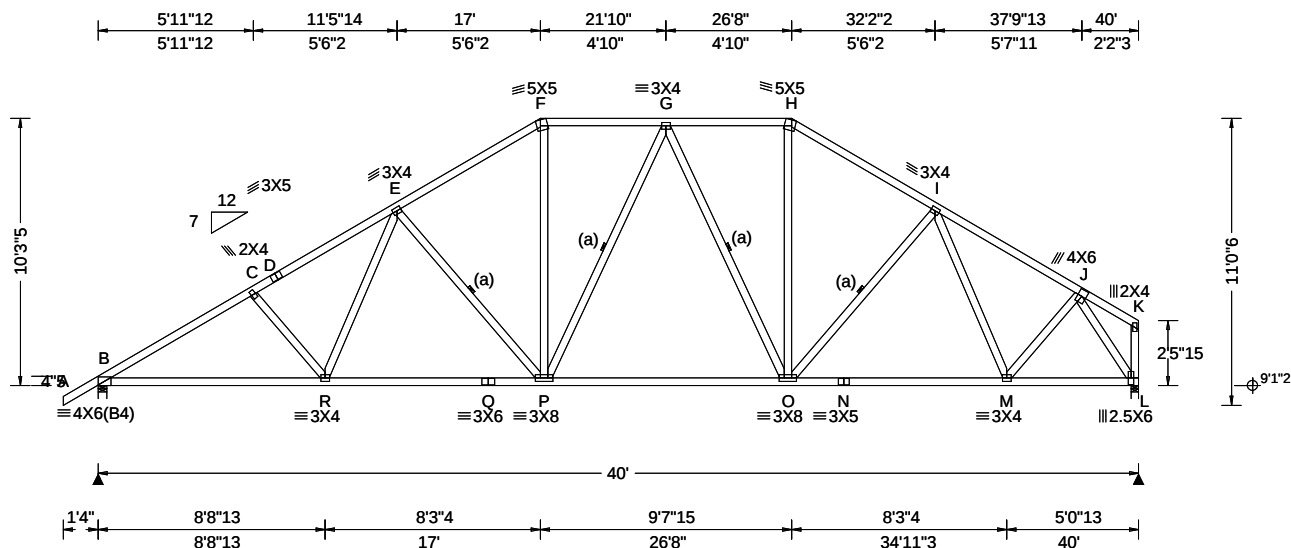
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701910<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A3 | Cust: R 215 JRef: 1YdJ2150002 T38<br>DrwNo: 262.25.1033.06690<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.00 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.118 P 999 360<br>VERT(CL): 0.238 P 999 240<br>HORZ(LL): 0.057 L - -<br>HORZ(TL): 0.115 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.417<br>Max BC CSI: 0.846<br>Max Web CSI: 0.617<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1761 - / - / 1004 - / 308<br>L 1654 - / - / 937 - / -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.1 (Truss)<br>L Brg Wid = 3.5 Min Req = 2.0 (Truss)<br>Bearings B & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 380 -2804 F - G 384 -1639<br>C - D 359 -2584 G - H 359 -1502<br>D - E 386 -2554 H - I 316 -1825<br>E - F 337 -1981 I - J 283 -1725 |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Wind

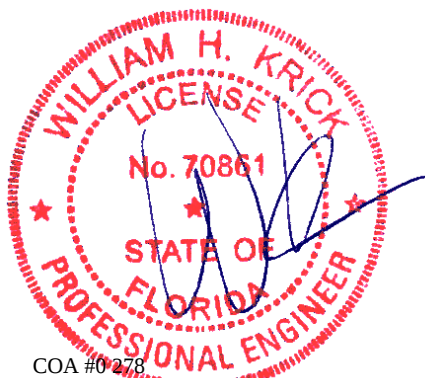
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Additional Notes

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



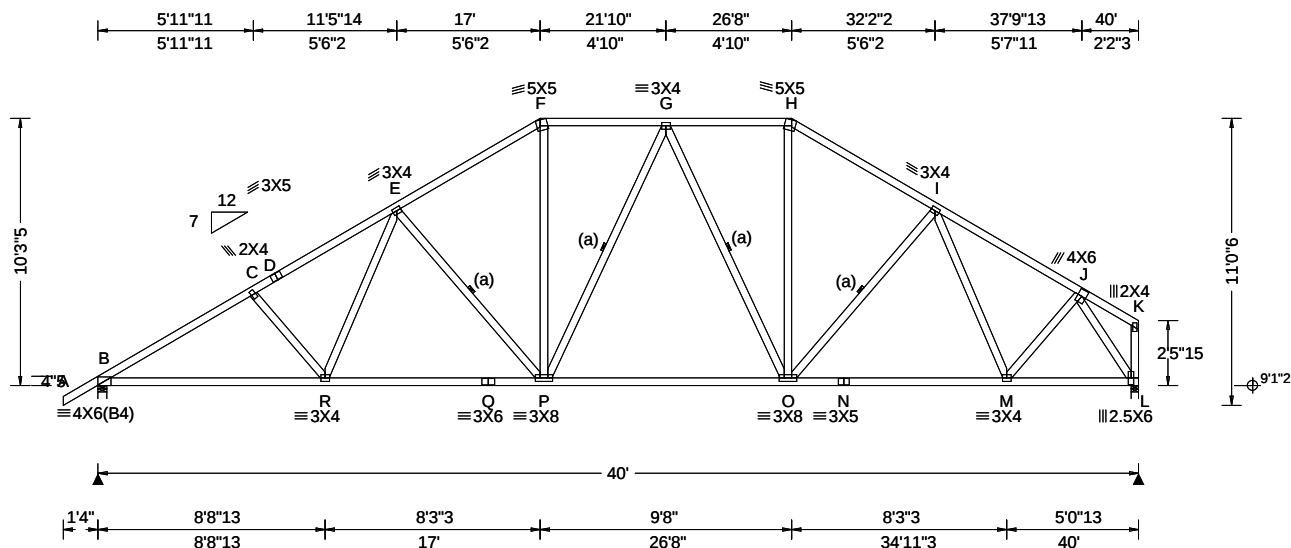
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701912<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A4 | Cust: R 215 JRef: 1YdJ2150002 T20<br>DrwNo: 262.25.1033.04347<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.00 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.115 P 999 360<br>VERT(CL): 0.238 P 999 240<br>HORZ(LL): 0.055 L - -<br>HORZ(TL): 0.115 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.417<br>Max BC CSI: 0.846<br>Max Web CSI: 0.618<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1761 - / - / 1003 / 79 / 282<br>L 1655 - / - / 936 / 31 / -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.1 (Truss)<br>L Brg Wid = 3.5 Min Req = 2.0 (Truss)<br>Bearings B & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 748 -2806 F - G 672 -1640<br>C - D 728 -2586 G - H 630 -1504<br>D - E 755 -2556 H - I 677 -1828<br>E - F 714 -1982 I - J 548 -1727 |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Wind

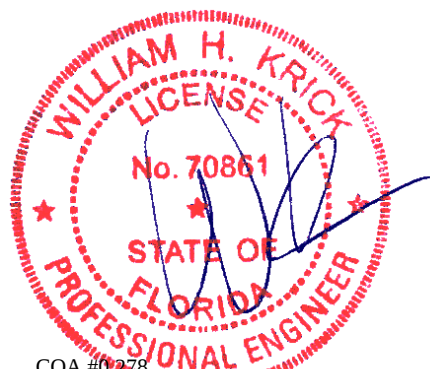
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Additional Notes

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



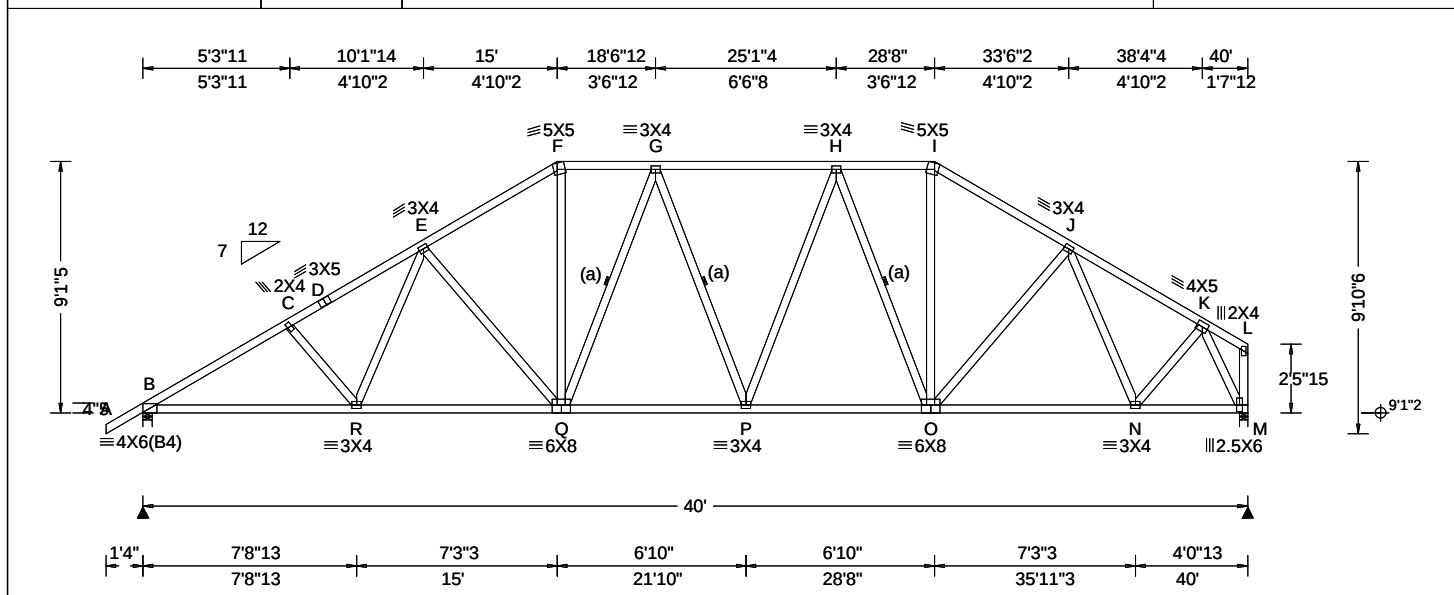
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701914<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A5 | Cust: R 215 JRef: 1YdJ2150002 T19<br>DrwNo: 262.25.1033.00850<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.00 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.123 G 999 360<br>VERT(CL): 0.254 G 999 240<br>HORZ(LL): 0.057 M - -<br>HORZ(TL): 0.118 M - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.503<br>Max BC CSI: 0.728<br>Max Web CSI: 0.594<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1761 - / - / - / 996 / 95 / 250<br>M 1655 - / - / - / 928 / 53 / -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.1 (Truss)<br>M Brg Wid = 3.5 Min Req = 2.0 (Truss)<br>Bearings B & M are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. 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.

#### Wind

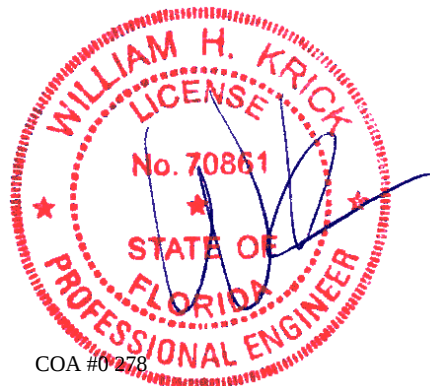
Wind loads based on MWFRS with additional C&C member design.

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 9'-1.5'.



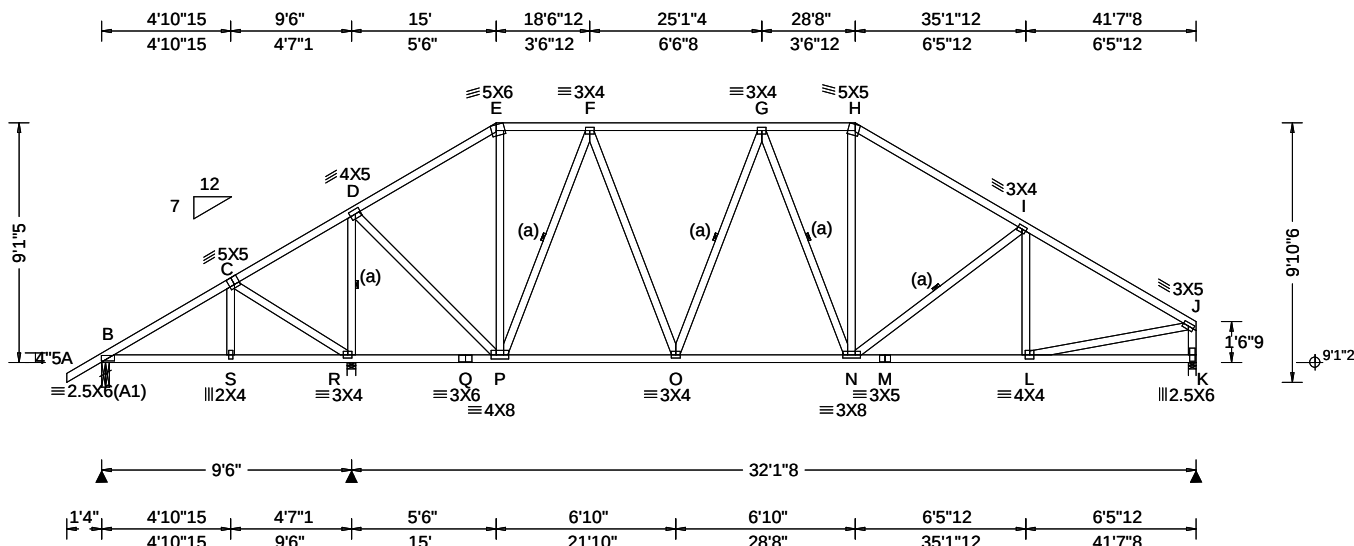
COA #0278

09/19/2022  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



|                           |                |                                                               |                                                                                      |
|---------------------------|----------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701895<br>FROM: RFG | HIPS<br>Qty: 1 | Ply: 1<br>Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A5A | Cust: R 215 JRef: 1YdJ2150002 T15<br>DrwNo: 262.25.1032.57223<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.16 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.055 G 999 360<br>VERT(CL): 0.113 G 999 240<br>HORZ(LL): 0.016 K - -<br>HORZ(TL): 0.034 K - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.575<br>Max BC CSI: 0.534<br>Max Web CSI: 0.515<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 349 -/- /- /121 /5 /252<br>R 1995 -/- /- /1175 /132 -/-<br>K 1288 -/- /- /785 /43 -/-<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>R Brg Wid = 4.0 Min Req = 2.0 (Truss)<br>K Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Bearings B, R, & K are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. 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.

#### 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 9-1-5.



COA #0 278

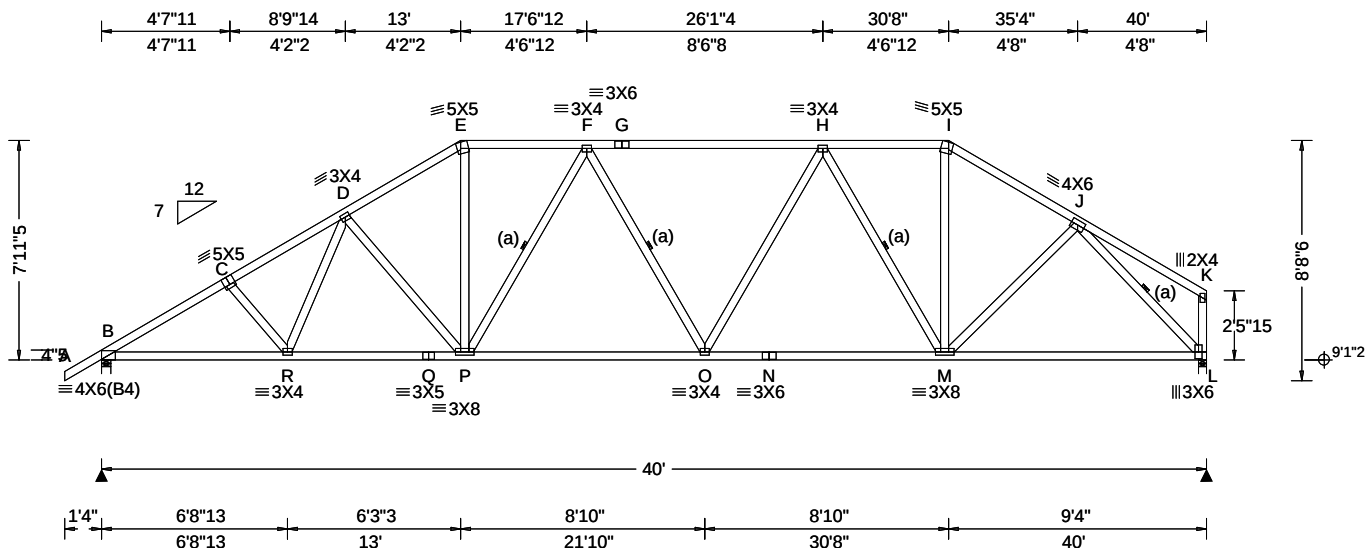
Florida Certificate of Product Approval #FL 1999

**\*\*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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701916<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A6 | Cust: R 215 JRef: 1YdJ2150002 T18<br>DrwNo: 262.25.1032.54347<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.00 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.138 F 999 360<br>VERT(CL): 0.286 F 999 240<br>HORZ(LL): 0.062 L - -<br>HORZ(TL): 0.128 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.939<br>Max BC CSI: 0.971<br>Max Web CSI: 0.548<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1761 - / - / - / 986 / 311 / 218<br>L 1655 - / - / - / 917 / 292 / -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.1 (Truss)<br>L Brg Wid = 3.5 Min Req = 2.0 (Truss)<br>Bearings B & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 823 - 2839 F - G 812 - 2117<br>C - D 830 - 2680 G - H 812 - 2117<br>D - E 812 - 2272 H - I 646 - 1593<br>E - F 737 - 1913 I - J 705 - 1913 |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Wind

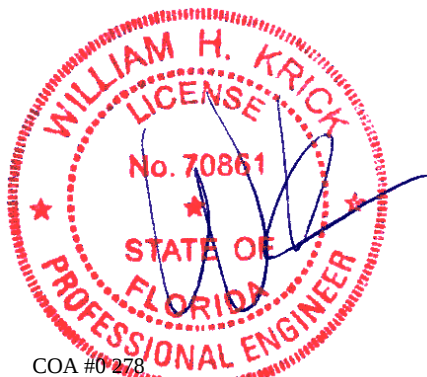
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Additional Notes

The overall height of this truss excluding overhang is 7'-11-5/8\"/>



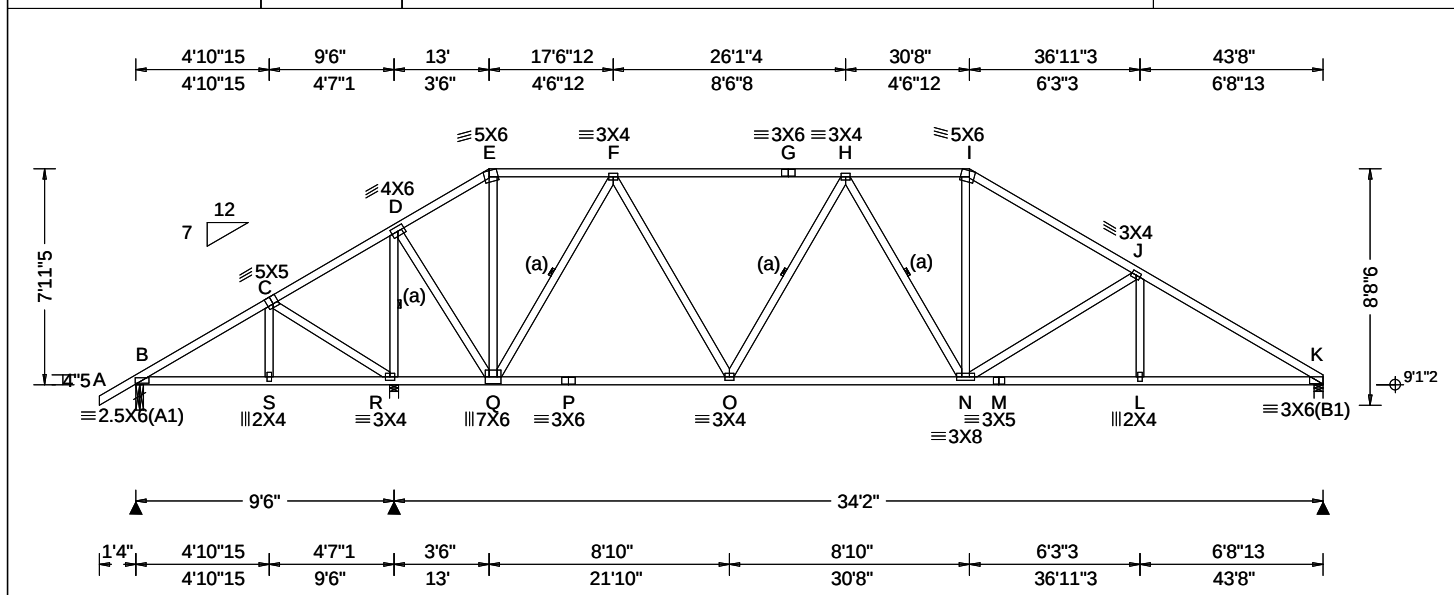
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                |                                                               |                                                                                     |
|---------------------------|----------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701897<br>FROM: RFG | HIPS<br>Qty: 1 | Ply: 1<br>Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A6A | Cust: R 215 JRef: 1YdJ2150002 T4<br>DrwNo: 262.25.1032.51517<br>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<br>TCCL: 10.00<br>BCCL: 0.00<br>BCCL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCCL: 5.0 psf<br>BCCL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.080 N 999 360<br>VERT(CL): 0.167 N 999 240<br>HORZ(LL): 0.030 K - -<br>HORZ(TL): 0.062 K - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.720<br>Max BC CSI: 0.775<br>Max Web CSI: 0.589<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>B 274 /-94 /- /54 /23 /224<br>R 2261 /- /- /1275 /401 /-<br>K 1341 /- /- /827 /230 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>R Brg Wid = 4.0 Min Req = 2.3 (Truss)<br>K Brg Wid = 4.0 Min Req = 1.6 (Truss)<br>Bearings B, R, & K are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp. |

| Lumber                                                             | Maximum Bot Chord Forces Per Ply (lbs)                                                                                                                                        |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Top chord: 2x4 SP #2;<br>Bot chord: 2x4 SP #2;<br>Webs: 2x4 SP #3; | Chords Tens.Comp. Chords Tens. Comp.<br>B - C 459 -147 G - H 536 -1195<br>C - D 758 -158 H - I 585 -1366<br>D - E 251 -380 I - J 624 -1681<br>F - G 536 -1195 J - K 658 -2200 |

| Bracing                                                      | Maximum Web Forces Per Ply (lbs)                                                                                                                              |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a) Continuous lateral restraint equally spaced on member.   | Chords Tens.Comp. Chords Tens. Comp.<br>R - Q 260 -519 N - M 1816 -468<br>Q - P 880 -198 M - L 1816 -468<br>P - O 880 -198 L - K 1818 -467<br>O - N 1408 -369 |
| Wind                                                         |                                                                                                                                                               |
| Wind loads based on MWFRS with additional C&C member design. |                                                                                                                                                               |
| Wind loading based on both gable and hip roof types.         |                                                                                                                                                               |

| Additional Notes                                                   | Maximum Web Forces Per Ply (lbs)                                                                                                                                            |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The overall height of this truss excluding overhang is 7'-11-5/8\" | Chords Tens.Comp. Chords Tens. Comp.<br>C - R 139 -414 F - O 656 -149<br>R - D 622 -1966 O - H 255 -444<br>D - Q 1428 -392 N - I 516 -164<br>Q - F 491 -1218 N - J 213 -545 |



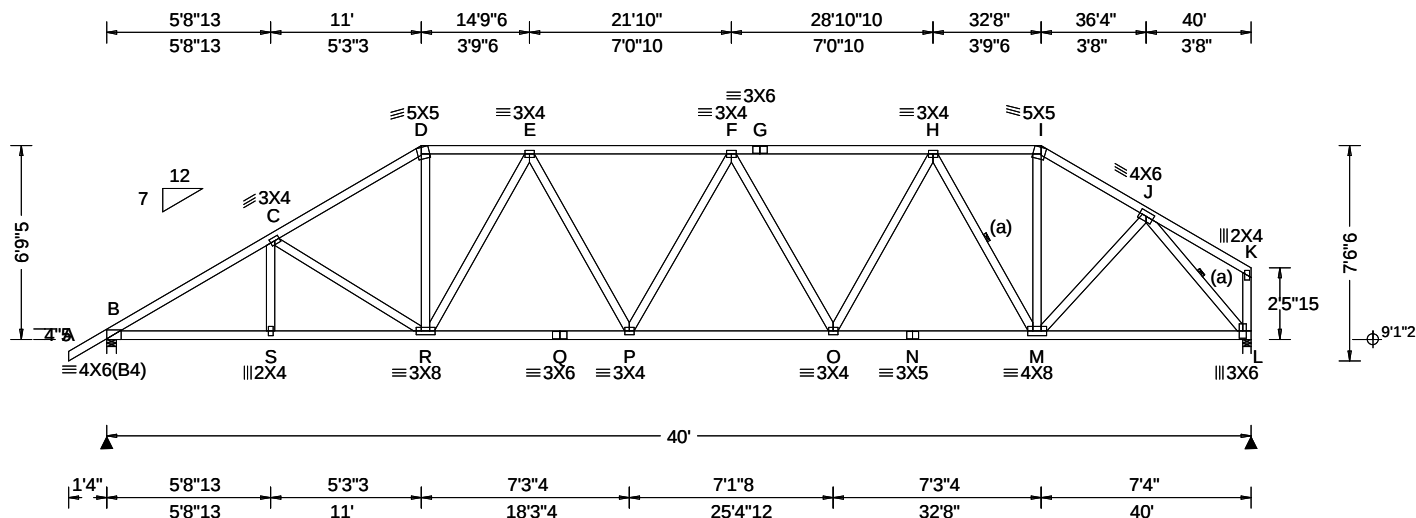
COA #0278

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, 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: 701918<br>FROM: RFG | HIPS<br>Qty: 1 | Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A7 | Cust: R 215 JRef: 1YdJ2150002 T9<br>DrwNo: 262.25.1032.49273<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.00 ft<br>Loc. from endwall: not in 6.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.160 P 999 360<br>VERT(CL): 0.331 P 999 240<br>HORZ(LL): 0.067 L - -<br>HORZ(TL): 0.139 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.612<br>Max BC CSI: 0.766<br>Max Web CSI: 0.704<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1761 - / - / - / 972 / 314 / 186<br>L 1655 - / - / - / 901 / 295 / -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.1 (Truss)<br>L Brg Wid = 3.5 Min Req = 2.0 (Truss)<br>Bearings B & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 852 -2827 F - G 898 -2347<br>C - D 854 -2442 G - H 898 -2347<br>D - E 783 -2054 H - I 640 -1575<br>E - F 939 -2507 I - J 704 -1870 |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Additional Notes

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



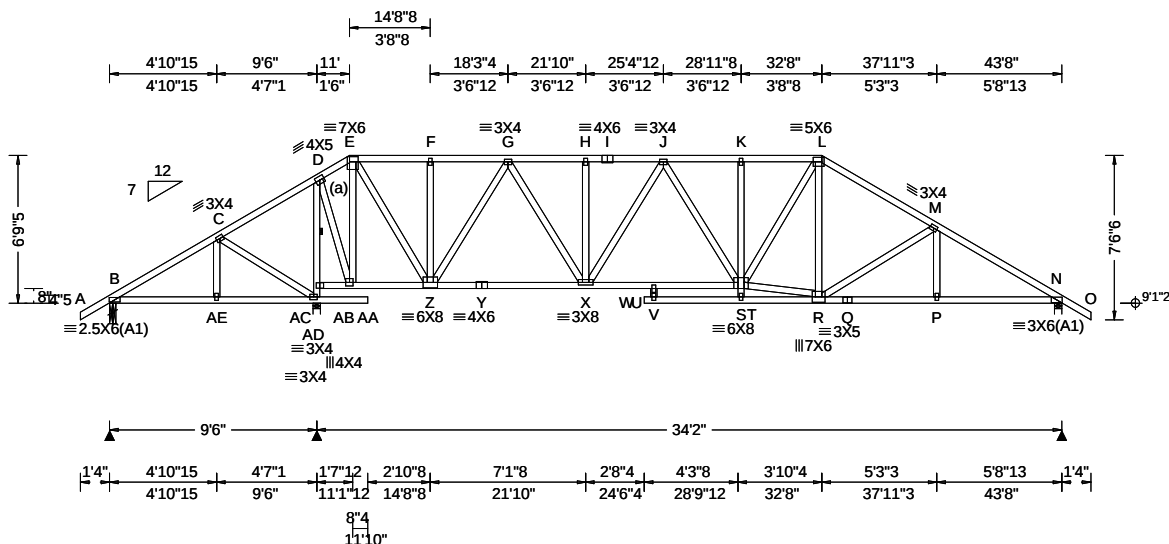
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                     |                                                                                    |
|---------------------------|--------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------|
| SEQN: 701900<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A7B | Cust: R 215 JRef:1YdJ2150002 T6<br>DrwNo: 262.25.1032.46780<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 6.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.112 K 999 360<br>VERT(CL): 0.232 K 999 240<br>HORZ(LL): 0.027 N - -<br>HORZ(TL): 0.056 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.372<br>Max BC CSI: 0.617<br>Max Web CSI: 0.877<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>B 379 -/- /125 /110 /178<br>AD 2040 -/- /1241 /272 -/-<br>N 1476 -/- /851 /277 -/-<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>AD Brg Wid = 4.0 Min Req = 2.0 (Truss)<br>N Brg Wid = 4.0 Min Req = 1.7 (Truss)<br>Bearings B, AD, & N are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. 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

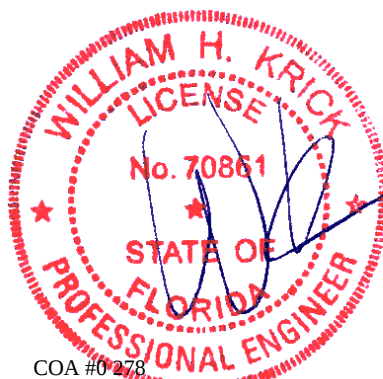
Wind loads based on MWFRS with additional C&C member design.

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)



COA #0278

09/19/2025  
Florida Certificate of Product Approval #FL 1999

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

| Chords | Tens.Comp. | Chords | Tens. Comp. |
|--------|------------|--------|-------------|
| 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  |        |             |

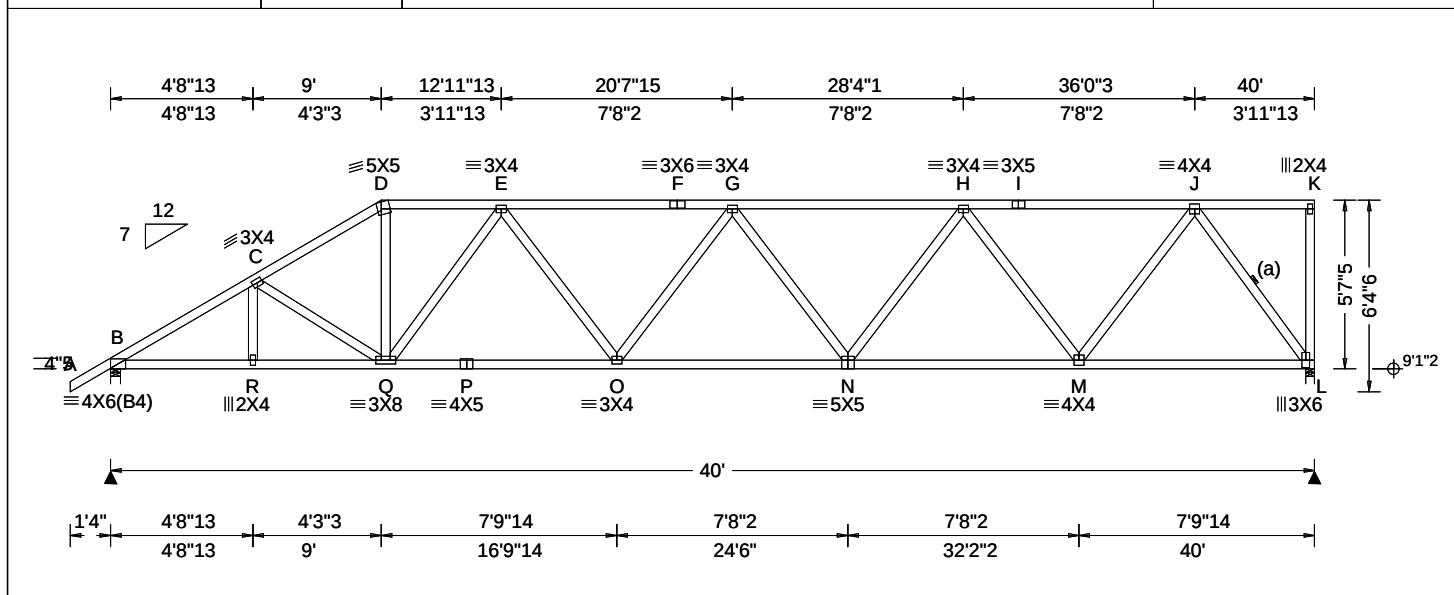
#### Maximum Web Forces Per Ply (lbs)

| Webs    | Tens.Comp. | Webs  | Tens. Comp. |
|---------|------------|-------|-------------|
| 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    |
| E - Z   | 1441 -481  | R - M | 154 -421    |

**\*\*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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                     |
|---------------------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701920<br>FROM: RFG | HIPM<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A8 | Cust: R 215 JRef: 1YdJ2150002 T8<br>DrwNo: 262.25.1032.39017<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.00 ft<br>Loc. from endwall: not in 6.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code: FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s): WAVE | PP Deflection in loc L/def L/#<br>VERT(LL): 0.207 G 999 360<br>VERT(CL): 0.428 G 999 240<br>HORZ(LL): 0.075 L - -<br>HORZ(TL): 0.156 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.762<br>Max BC CSI: 0.900<br>Max Web CSI: 0.978<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1761 - / - / - / 961 / 307 / 207<br>L 1655 - / - / - / 839 / 319 / -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 2.1 (Truss)<br>L Brg Wid = 3.5 Min Req = 2.0 (Truss)<br>Bearings B & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 866 - 2834 F - G 1051 - 2995<br>C - D 879 - 2571 G - H 981 - 2933<br>D - E 801 - 2190 H - I 636 - 1944<br>E - F 1051 - 2995 I - J 636 - 1944 |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Wind

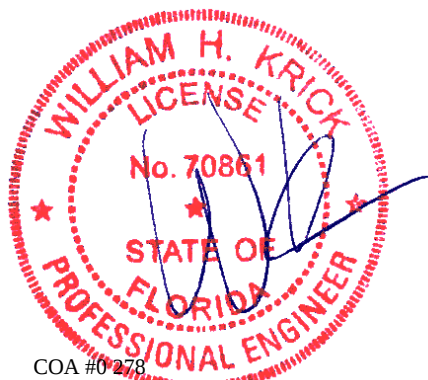
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Additional Notes

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



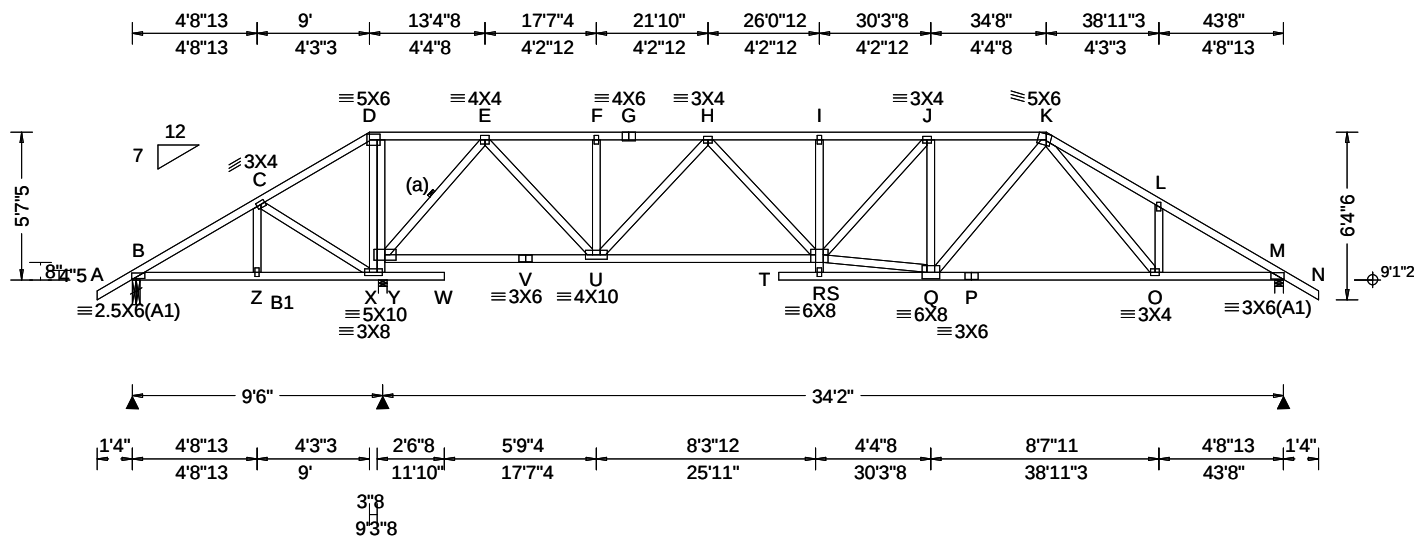
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                |                                                               |                                                                                     |
|---------------------------|----------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701902<br>FROM: RFG | HIPS<br>Qty: 1 | Ply: 1<br>Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A8B | Cust: R 215 JRef: 1YdJ2150002 T5<br>DrwNo: 262.25.1032.35243<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 6.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/def L/#<br>VERT(LL): 0.178 T 999 360<br>VERT(CL): 0.362 T 999 240<br>HORZ(LL): 0.032 M - -<br>HORZ(TL): 0.066 M - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.385<br>Max BC CSI: 0.936<br>Max Web CSI: 0.796<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 430 - / - / - /157 /126 /146<br>Y 1950 - / - / - /1166 /249 - / -<br>M 1485 - / - / - /838 /277 - / -<br>Non-Gravity<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Y Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>M Brg Wid = 4.0 Min Req = 1.8 (Truss)<br>Bearings B, Y, & M are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp. |

#### 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 member.

#### Plating Notes

All plates are 2X4 except as noted.

#### Wind

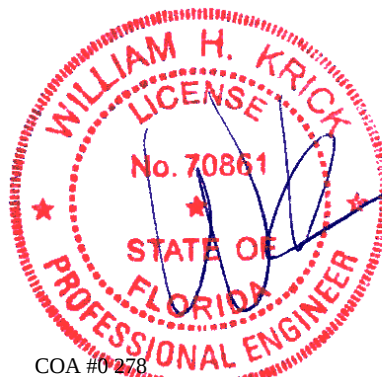
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

#### Additional Notes

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

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)



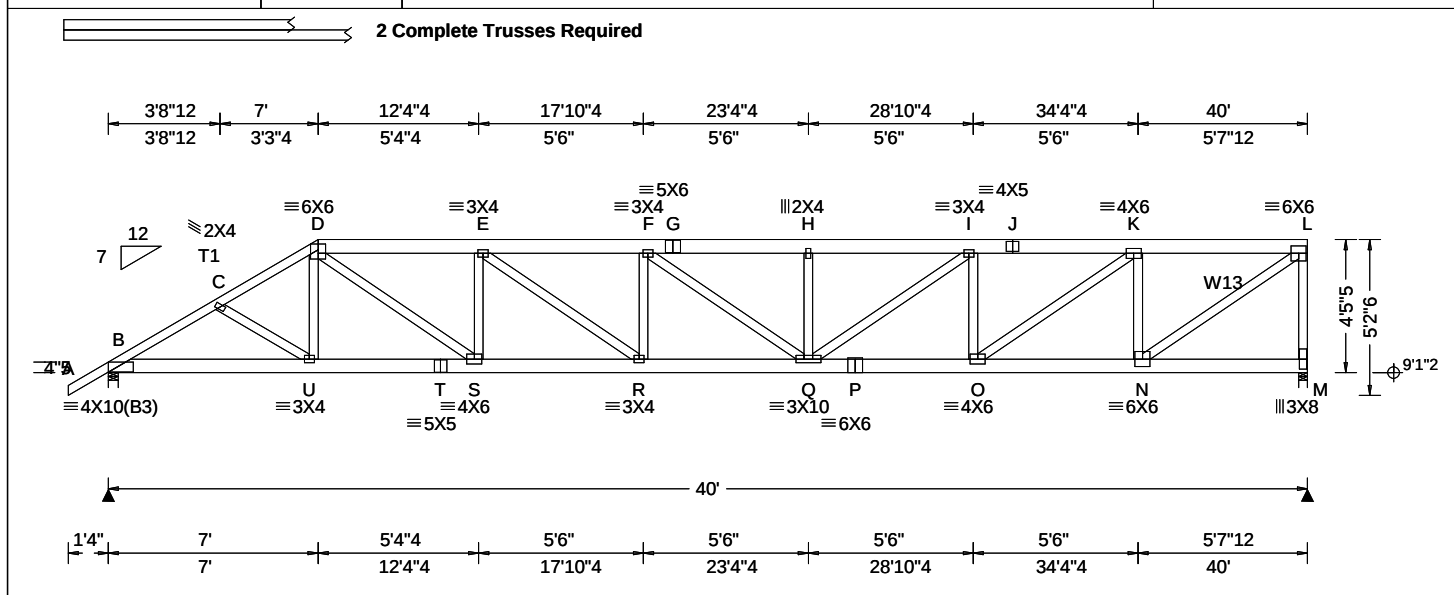
COA #0 278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                |        |                                                    |                                                                                      |
|---------------------------|----------------|--------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701956<br>FROM: RFG | HIPM<br>Qty: 1 | Ply: 2 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A9 | Cust: R 215 JRef: 1YdJ2150002 T22<br>DrwNo: 262.25.1032.28957<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 0.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 6.50 ft<br>GCPI: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.425 F 999 360<br>VERT(CL): 0.538 F 889 240<br>HORZ(LL): 0.093 D - -<br>HORZ(TL): 0.119 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.347<br>Max BC CSI: 0.322<br>Max Web CSI: 0.726<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 3867 - / - / - / - /933 - / -<br>M 4065 - / - / - / - /1015 - / -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.6 (Truss)<br>M Brg Wid = 3.5 Min Req = 1.7 (Truss)<br>Bearings B & M are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 857 -3500 G - H 1239 -4985<br>C - D 835 -3449 H - I 1239 -4985<br>D - E 1080 -4380 I - J 1017 -4092<br>E - F 1254 -5064 J - K 1017 -4092<br>F - G 1239 -4985 K - L 612 -2463 |

| Lumber                                                                                                  | Additional Notes                                              |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Top chord: 2x6 SP #2; T1 2x4 SP #2;<br>Bot chord: 2x6 SP 2400f-2.0E;<br>Webs: 2x4 SP #3; W13 2x4 SP #2; | The overall height of this truss excluding overhang is 4'-5". |

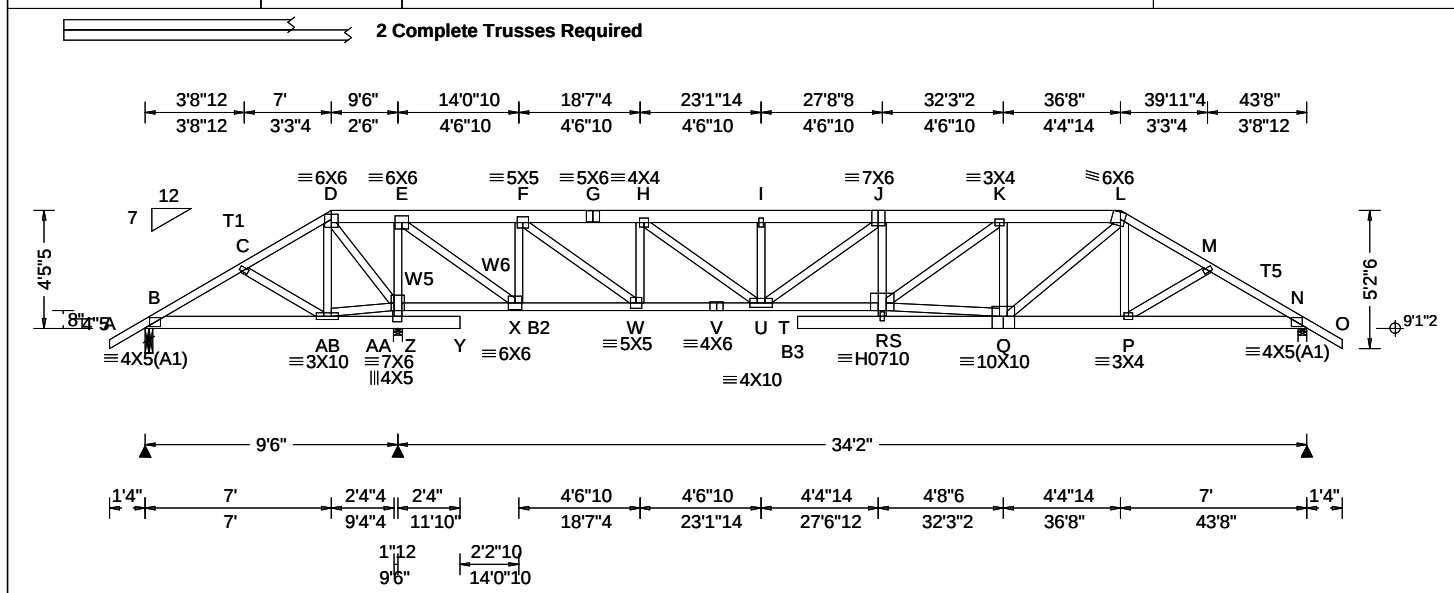
| Nailnote                                                                                                                                                                                                             | Maximum Bot Chord Forces Per Ply (lbs)                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nail Schedule: 0.128"x3", min. nails<br>Top Chord: 1 Row @12.00" o.c.<br>Bot Chord: 1 Row @12.00" o.c.<br>Webs : 1 Row @ 4" o.c.<br>Use equal spacing between rows and stagger nails in each row to avoid splitting. | Chords Tens.Comp. Chords Tens. Comp.<br>B - U 2988 -728 R - Q 5084 -1265<br>U - T 2960 -721 Q - P 4161 -1040<br>T - S 2960 -721 P - O 4161 -1040<br>S - R 4442 -1102 O - N 2577 -648 |

| Special Loads                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Maximum Web Forces Per Ply (lbs)                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)<br>TC: From 63 plf at -1.33 to 63 plf at 7.00<br>TC: From 32 plf at 7.00 to 32 plf at 40.00<br>BC: From 5 plf at -1.33 to 5 plf at 0.00<br>BC: From 20 plf at 0.00 to 20 plf at 7.03<br>BC: From 10 plf at 7.03 to 10 plf at 40.00<br>TC: 266 lb Conc. Load at 7.03<br>TC: 191 lb Conc. Load at 9.06, 11.06, 13.06, 15.06<br>17.06, 19.06, 21.06, 23.06, 25.06, 27.06, 29.06, 31.06<br>33.06, 35.06, 37.06, 39.06<br>BC: 481 lb Conc. Load at 7.03<br>BC: 130 lb Conc. Load at 9.06, 11.06, 13.06, 15.06<br>17.06, 19.06, 21.06, 23.06, 25.06, 27.06, 29.06, 31.06<br>33.06, 35.06, 37.06, 39.06 | Webs Tens.Comp. Webs Tens. Comp.<br>D - S 1792 -453 O - K 1906 -465<br>S - E 307 -859 K - N 486 -1563<br>E - R 783 -191 N - L 3034 -754<br>Q - I 1027 -249 L - M 519 -1938<br>I - O 316 -952 |

| Wind                                                                                                                                                 | Professional Engineer Seal                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wind loads and reactions based on MWFRS.<br>Right end vertical not exposed to wind pressure.<br>Wind loading based on both gable and hip roof types. | WILLIAM H. KRICK<br>LICENSE<br>No. 70861<br>STATE OF FLORIDA<br>PROFESSIONAL ENGINEER<br>COA #0278<br>09/19/2023<br>Florida Certificate of Product Approval #FL 1999 |

| **WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ALPINE AN ITW COMPANY                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>**IMPORTANT**</b> FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS<br>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 SBCEA) 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.<br>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.<br>For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCEA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org | 155 Harlem Ave<br>North Building, 4th Floor<br>Glenview, IL 60025 |

|                           |                |        |                                                     |                                                                                     |
|---------------------------|----------------|--------|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701958<br>FROM: RFG | HIPS<br>Qty: 1 | Ply: 2 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: A9B | Cust: R 215 JRef: 1YdJ2150002 T7<br>DrwNo: 262.25.1032.22340<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 0.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 6.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE, HS | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.449 T 908 360<br>VERT(CL): 0.473 T 862 240<br>HORZ(LL): 0.047 N - -<br>HORZ(TL): 0.049 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.638<br>Max BC CSI: 0.357<br>Max Web CSI: 0.978<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 14 /-1340 /- /294 /- /-<br>AA 6852 /- /- /- /1692 /-<br>N 2797 /- /- /- /668 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>AA Brg Wid = 4.0 Min Req = 2.5 (Truss)<br>N Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>Bearings B, AA, & N are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp. |

**Lumber**  
Top chord: 2x6 SP #2; T1, T5 2x4 SP #2;  
Bot chord: 2x6 SP 2400f-2.0E; B2, B3 2x4 SP M-31;  
Webs: 2x4 SP #3; W5, W6 2x4 SP #2;

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

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 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, 26.60  
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

**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 Reactions.  
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).

| Chords | 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  |        |             |

| Chords | Tens.Comp. | Chords | Tens. Comp. |
|--------|------------|--------|-------------|
| B - AB | 288 -1233  | U - R  | 3482 -841   |
| Z - X  | 601 -2404  | Q - P  | 2043 -494   |
| W - V  | 1728 -438  | P - N  | 2100 -510   |
| V - U  | 1728 -438  |        |             |

| 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  |       |             |



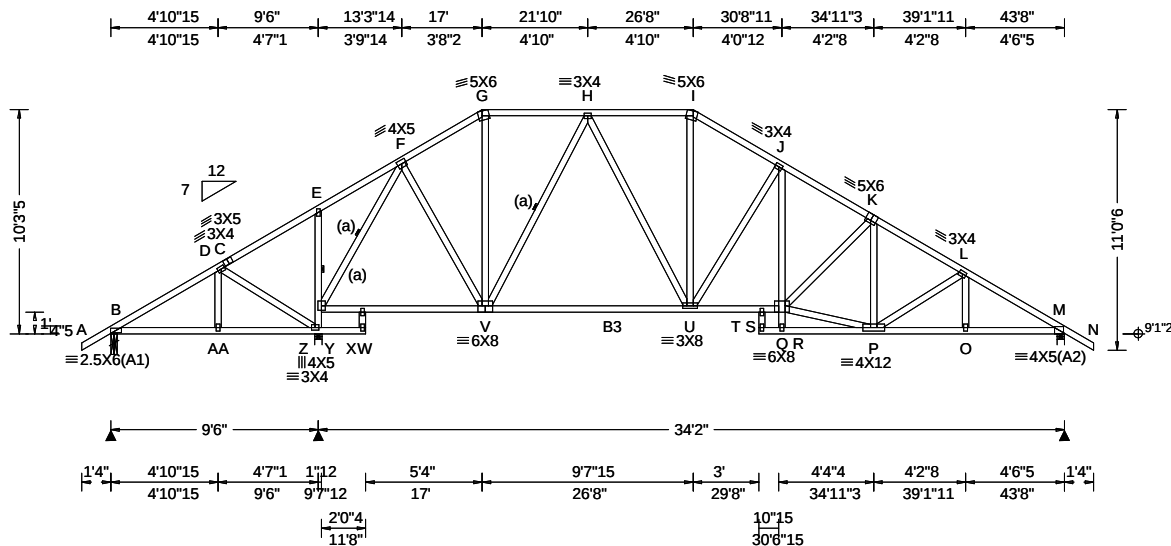
COA #0278

09/19/2025 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, 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

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701885<br>FROM: RFG | COMN<br>Ply: 1<br>Qty: 2 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: B1 | Cust: R 215 JRef: 1YdJ2150002 T36<br>DrwNo: 262.25.1032.03220<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.43 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.115 Q 999 360<br>VERT(CL): 0.219 Q 999 240<br>HORZ(LL): 0.034 M - -<br>HORZ(TL): 0.065 M - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.369<br>Max BC CSI: 0.828<br>Max Web CSI: 0.821<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 425 -/- /- /266 /104 /342<br>Z 2149 -/- /- /1289 /3 -/-<br>M 1590 -/- /- /919 /48 -/-<br>Non-Gravity<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Z Brg Wid = 4.0 Min Req = 2.2 (Truss)<br>M Brg Wid = 4.0 Min Req = 1.9 (Truss)<br>Bearings B, Z, & M are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp. |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 2X4 except as noted.

#### Loading

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

#### Wind

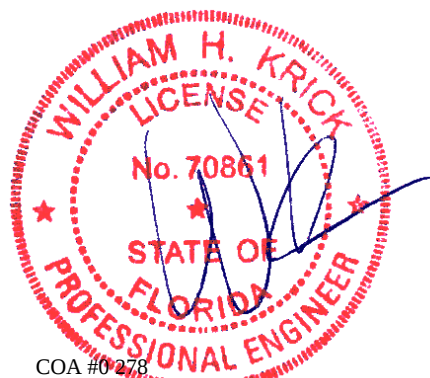
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

#### 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)



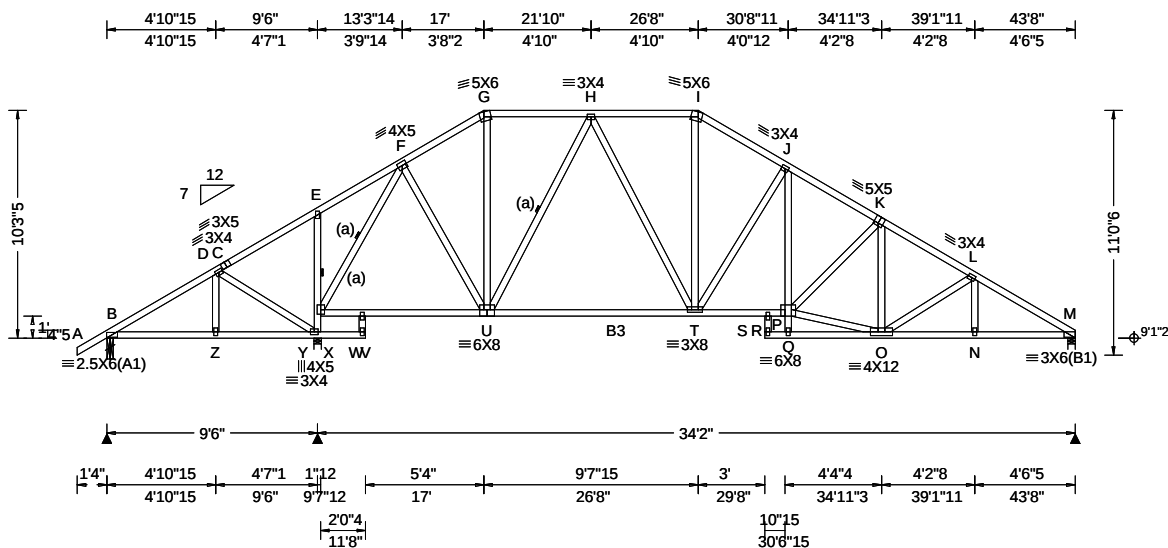
COA #0278

09/19/2025  
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, 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

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

|                           |                          |                                                     |                                                                                      |
|---------------------------|--------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701889<br>FROM: RFG | COMN<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: B1A | Cust: R 215 JRef: 1YdJ2150002 T25<br>DrwNo: 262.25.1031.57943<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.43 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.37 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: No<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.115 P 999 360<br>VERT(CL): 0.219 P 999 240<br>HORZ(LL): 0.034 M - -<br>HORZ(TL): 0.065 M - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.300<br>Max BC CSI: 0.828<br>Max Web CSI: 0.828<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 425 -/- /- /273 /95 /355<br>Y 2151 -/- /- /1278 /21 /-<br>M 1497 -/- /- /913 /36 /-<br>Non-Gravity<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Y Brg Wid = 4.0 Min Req = 2.2 (Truss)<br>M Brg Wid = 4.0 Min Req = 1.8 (Truss)<br>Bearings B, Y, & M are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp. |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 2X4 except as noted.

#### Loading

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

#### Wind

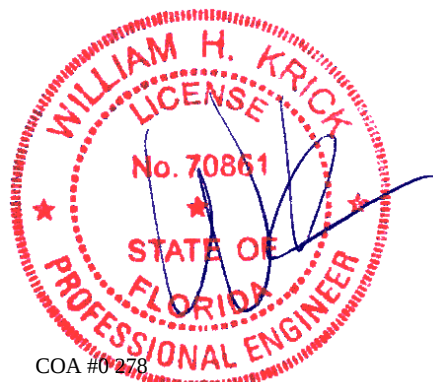
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

#### 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)



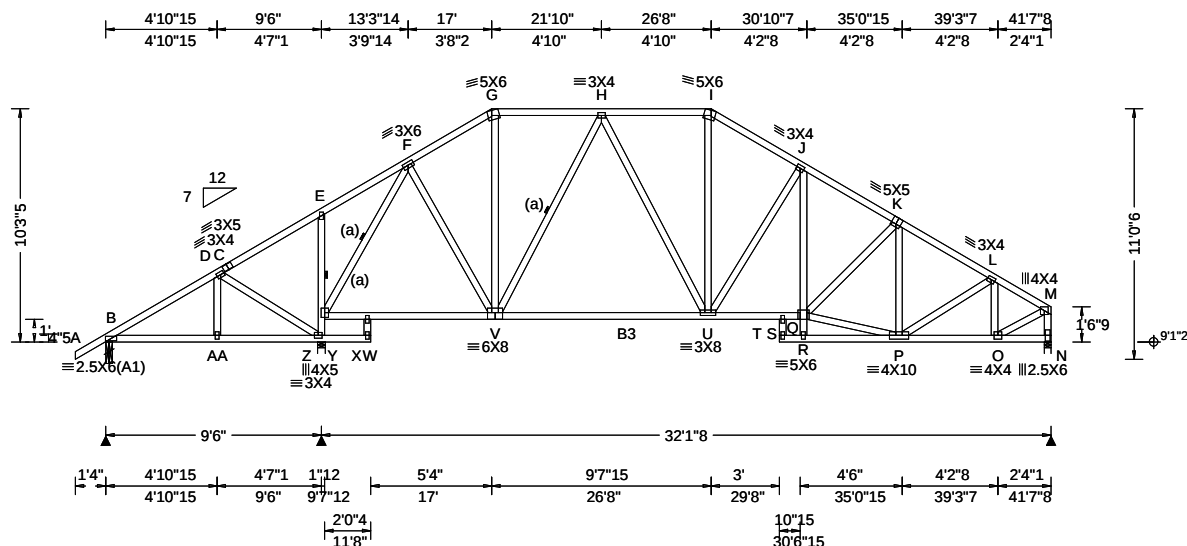
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                |        |                                                    |                                                                                      |
|---------------------------|----------------|--------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701891<br>FROM: RFG | HIPS<br>Qty: 2 | Ply: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: B2 | Cust: R 215 JRef: 1YdJ2150002 T37<br>DrwNo: 262.25.1031.53017<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.19 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.16 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.073 Q 999 360<br>VERT(CL): 0.139 Q 999 240<br>HORZ(LL): 0.027 N - -<br>HORZ(TL): 0.053 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.270<br>Max BC CSI: 0.882<br>Max Web CSI: 0.581<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 437 - / - / - /269 /76 /339<br>Z 2040 - / - / - /1211 /19 -<br>N 1416 - / - / - /841 /14 -<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Z Brg Wid = 4.0 Min Req = 2.0 (Truss)<br>N Brg Wid = 3.5 Min Req = 1.7 (Truss)<br>Bearings B, Z, & N are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp. |

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 2X4 except as noted.

#### Loading

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

#### Wind

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



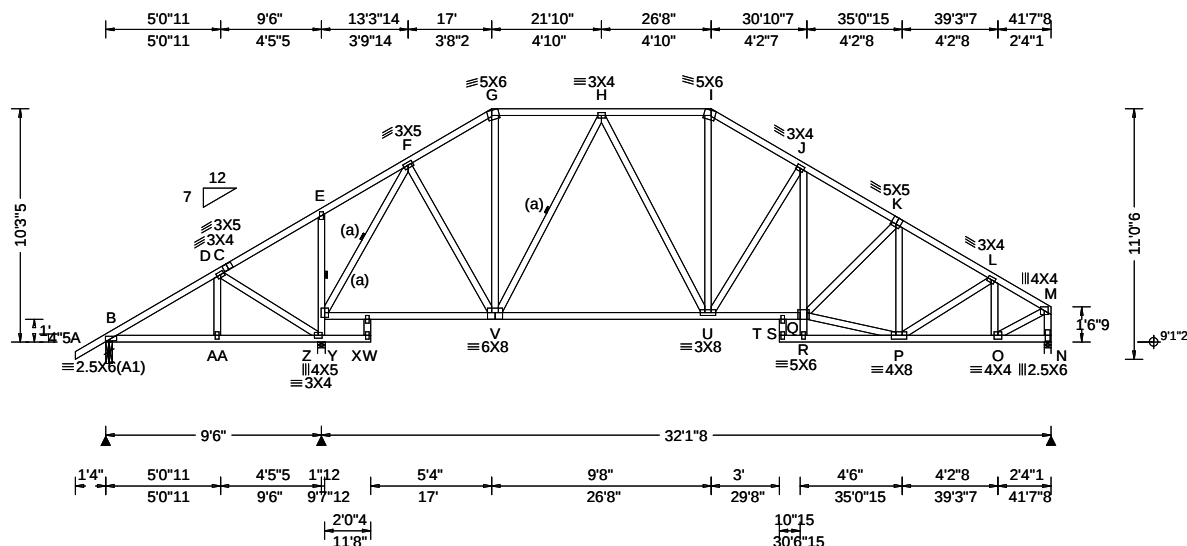
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701893<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: B3 | Cust: R 215 JRef: 1YdJ2150002 T16<br>DrwNo: 262.25.1031.46510<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 4.16 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.063 Q 999 360<br>VERT(CL): 0.131 Q 999 240<br>HORZ(LL): 0.025 N - -<br>HORZ(TL): 0.053 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.268<br>Max BC CSI: 0.796<br>Max Web CSI: 0.624<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 450 - / - / - /239 /60 /285<br>Z 1795 - / - / - /1169 /110 -<br>N 1327 - / - / - /833 /52 -<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Z Brg Wid = 4.0 Min Req = 1.7 (Truss)<br>N Brg Wid = 3.5 Min Req = 1.6 (Truss)<br>Bearings B, Z, & N are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. 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.

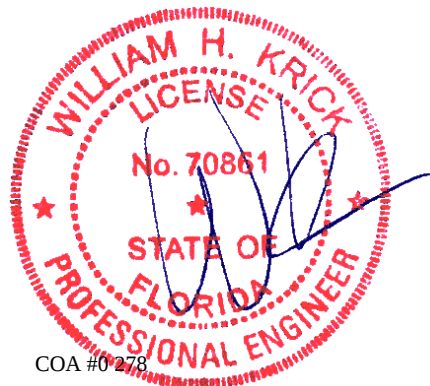
Right end vertical not exposed to wind pressure.

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)



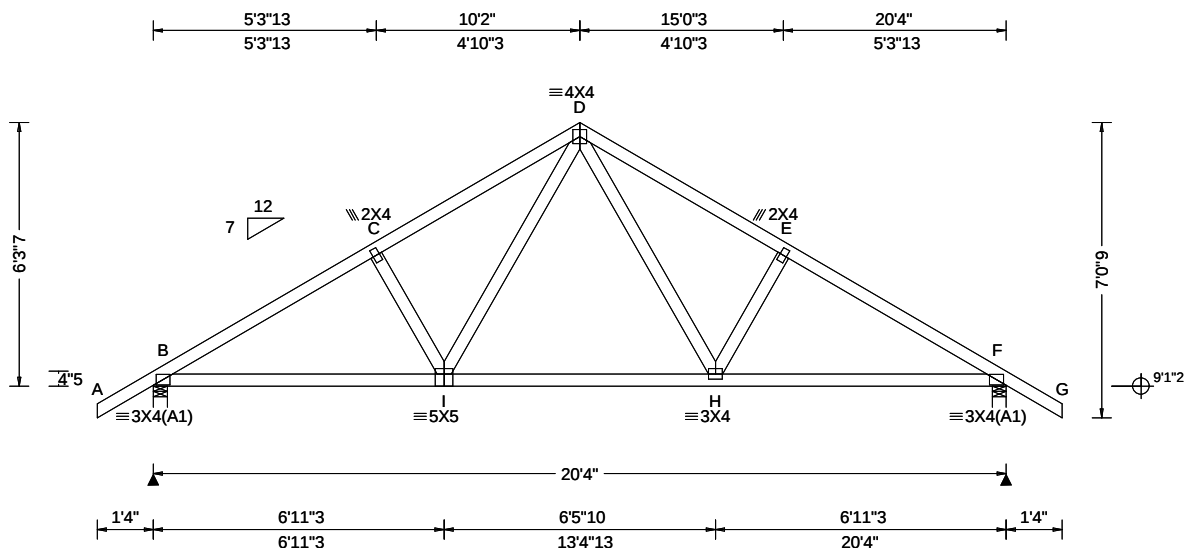
COA #0278

09/19/2022  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |      |                  |                                                    |                                                                                      |
|---------------------------|------|------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701922<br>FROM: RFG | COMN | Ply: 1<br>Qty: 9 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: C1 | Cust: R 215 JRef: 1YdJ2150002 T17<br>DrwNo: 262.25.1031.39500<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.039 H 999 360<br>VERT(CL): 0.076 H 999 240<br>HORZ(LL): 0.016 F - -<br>HORZ(TL): 0.032 F - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.239<br>Max BC CSI: 0.459<br>Max Web CSI: 0.181<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 978 - / - / - /492 /162 /153<br>F 978 - / - / - /492 /162 -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>F Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>Bearings B & F are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 433 -1358 D - E 468 -1213<br>C - D 468 -1212 E - F 432 -1359 |

#### Lumber

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

#### Loading

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

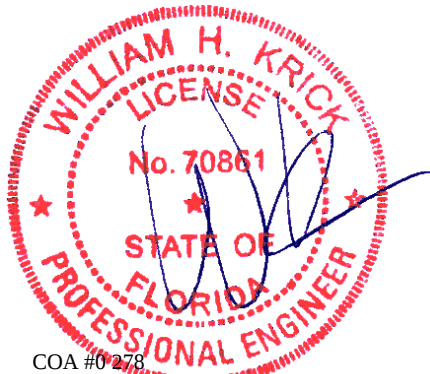
#### Wind

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

Wind loading based on both gable and hip roof types.

#### Additional Notes

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



COA #0278

09/19/2025 Florida Certificate of Product Approval #FI 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.

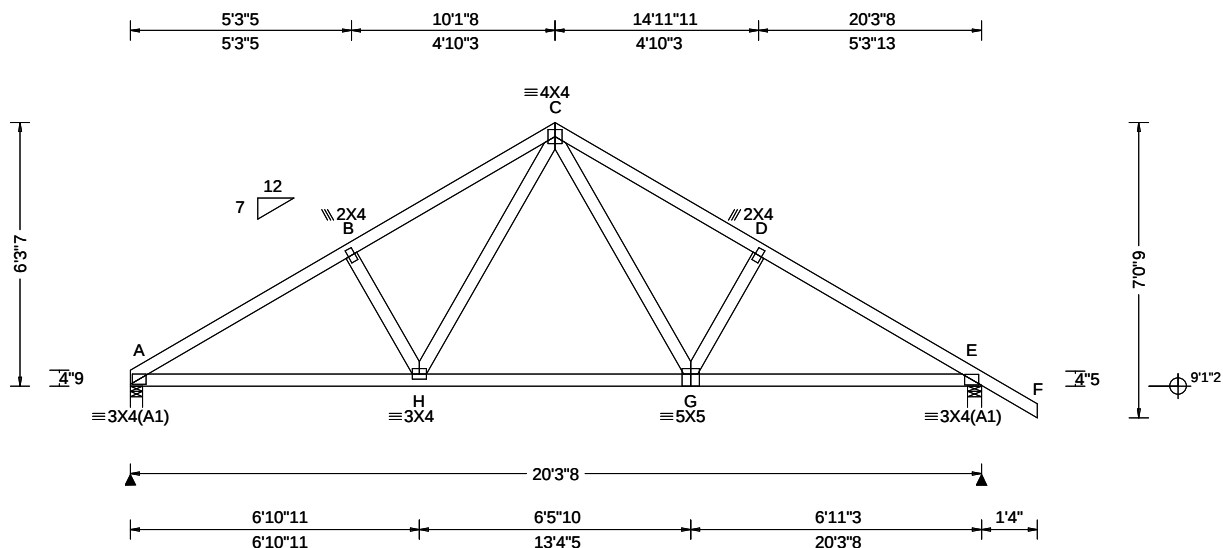
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



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

|                           |      |                  |                                                     |                                                                                      |
|---------------------------|------|------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701924<br>FROM: RFG | COMN | Ply: 1<br>Qty: 3 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: C1A | Cust: R 215 JRef: 1YdJ2150002 T30<br>DrwNo: 262.25.1031.37577<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code: FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s): WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.039 G 999 360<br>VERT(CL): 0.076 G 999 240<br>HORZ(LL): 0.016 E - -<br>HORZ(TL): 0.031 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.247<br>Max BC CSI: 0.460<br>Max Web CSI: 0.184<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>A 883 - / - / - /485 /10 /167<br>E 980 - / - / - /491 /16 /-<br>Non-Gravity<br>Wind reactions based on MWFRS<br>A Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>E Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>Bearings A & E are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 284 -1369 C - D 303 -1215<br>B - C 318 -1222 D - E 269 -1362 |

#### Lumber

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

#### Loading

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

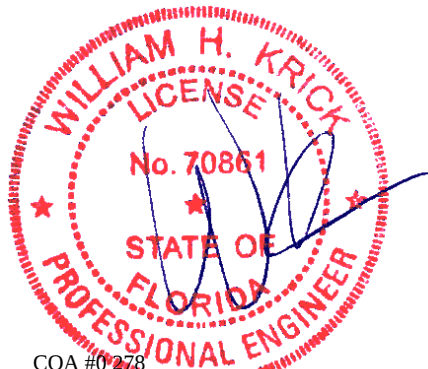
#### Wind

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

Wind loading based on both gable and hip roof types.

#### Additional Notes

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



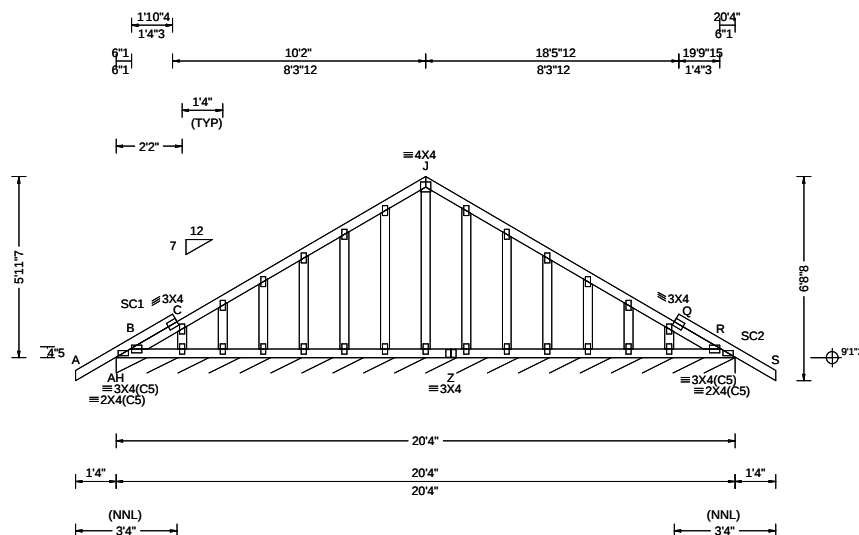
COA #0278

09/19/2025  
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, 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: 701926<br>FROM: RFG | GABL<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: C1E | Cust: R 215 JRef: 1YdJ2150002 T24<br>DrwNo: 262.25.1031.30477<br>GA / WHK 09/19/2025 |
|---------------------------|--------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                       | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                              | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 K 999 360<br>VERT(CL): 0.001 K 999 240<br>HORZ(LL): -0.000 B - -<br>HORZ(TL): 0.003 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.238<br>Max BC CSI: 0.027<br>Max Web CSI: 0.882<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>AH*113 /- /- /49 /18 /8<br>Wind reactions based on MWFRS<br>AH Brg Wid = 244 Min Req = -<br>Bearing AH is a rigid surface.<br>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.

#### Purlins

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

#### Wind

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

Wind loading based on both gable and hip roof types.

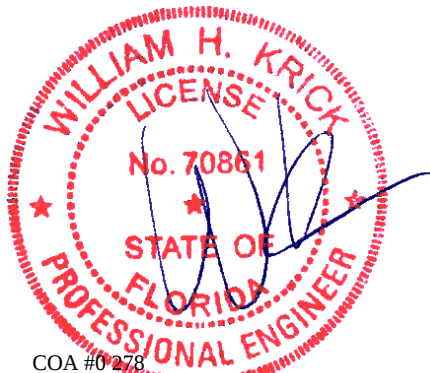
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/204.

#### 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 notched area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.

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



COA #0278

09/19/2025  
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.

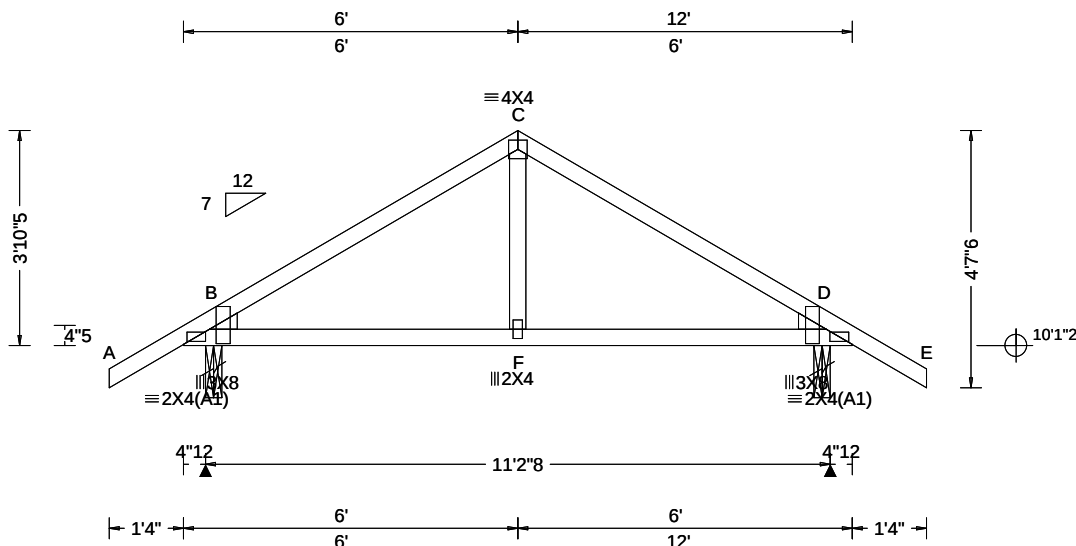
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



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

|                           |                          |                                                    |                                                                                     |
|---------------------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701943<br>FROM: RFG | COMN<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: D1 | Cust: R 215 JRef:1YdJ2150002 T28<br>DrwNo: 262.25.1031.28120<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.011 F 999 360<br>VERT(CL): 0.023 F 999 240<br>HORZ(LL): 0.004 D - -<br>HORZ(TL): 0.012 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.245<br>Max BC CSI: 0.242<br>Max Web CSI: 0.081<br><br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 596 /- /- /286 /101 /90<br>D 589 /- /- /286 /101 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>D Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Bearings B & D are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 235 -510 C - D 235 -507 |

#### Lumber

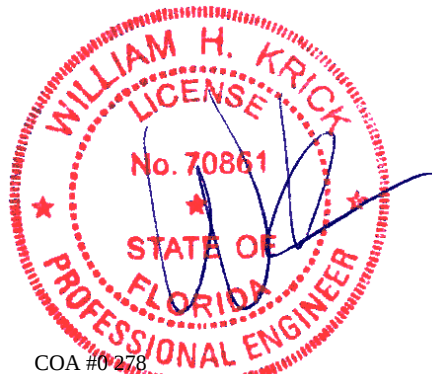
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #3;  
Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

#### Wind

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.

#### Additional Notes

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



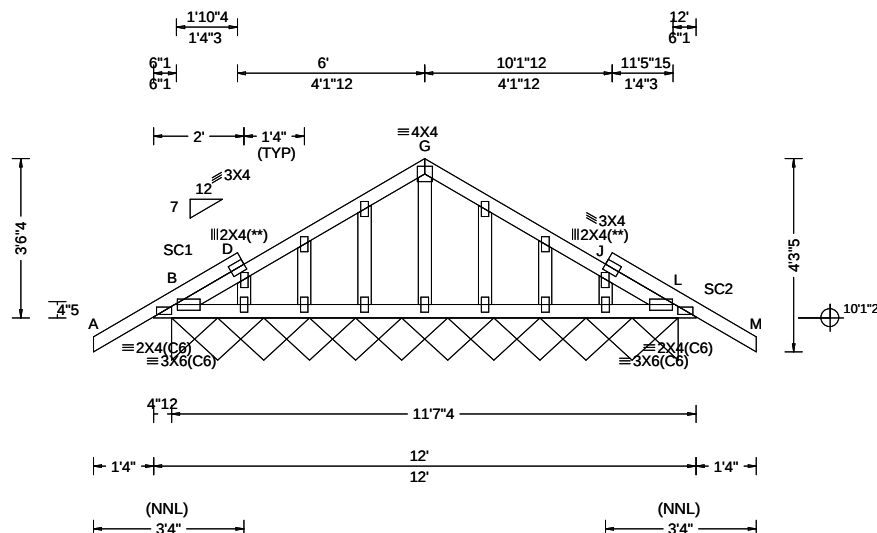
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

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



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                       | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                                | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 G 999 360<br>VERT(CL): 0.001 G 999 240<br>HORZ(LL): -0.001 C - -<br>HORZ(TL): 0.003 L - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.246<br>Max BC CSI: 0.120<br>Max Web CSI: 0.200<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B* 122 /- /- /54 /33 /9<br>Wind reactions based on MWFRS<br>B Brg Wid = 134 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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

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.

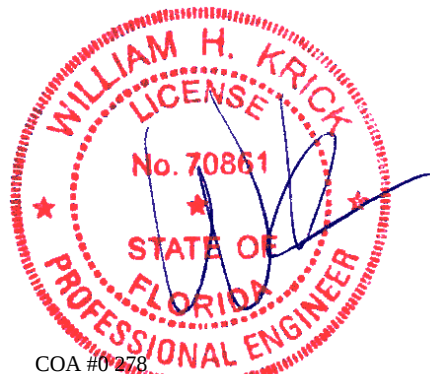
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/999.

#### 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 notched area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.

The overall height of this truss excluding overhang is 3-6-4.



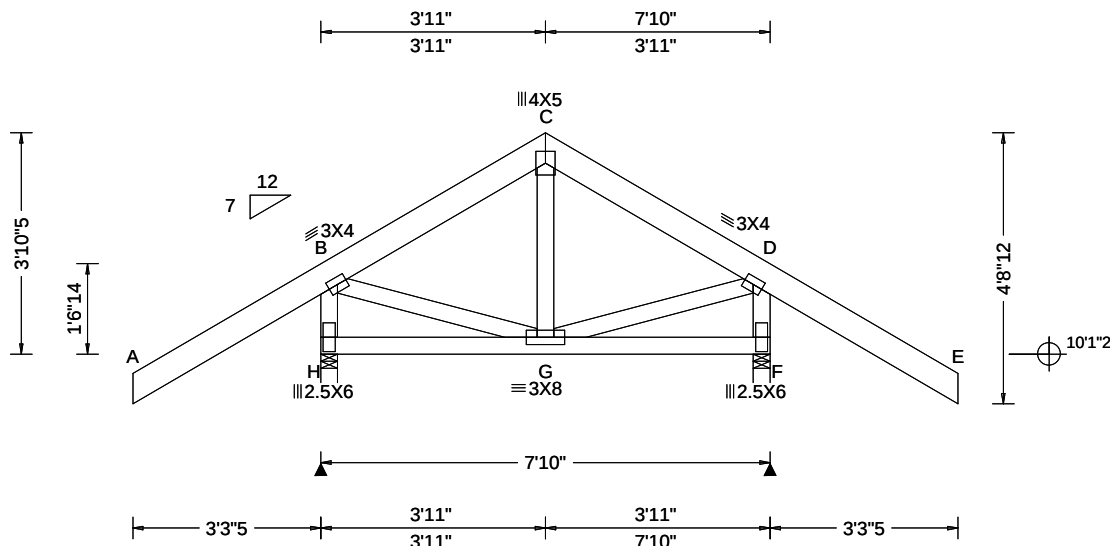
COA #0278

09/19/2025  
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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701946<br>FROM: RFG | COMN<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: D2 | Cust: R 215 JRef: 1YdJ2150002 T33<br>DrwNo: 262.25.1031.22623<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 G 999 360<br>VERT(CL): 0.003 G 999 240<br>HORZ(LL): -0.000 B - -<br>HORZ(TL): 0.001 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.450<br>Max BC CSI: 0.133<br>Max Web CSI: 0.201<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>H 548 /- /- /230 /107 /58<br>F 548 /- /- /230 /107 /-<br>Wind reactions based on MWFRS<br>H Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>F Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Bearings H & F are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Web Forces Per Ply (lbs)<br>Webs Tens.Comp. Webs Tens. Comp.<br>B - H 475 -516 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.

#### Additional Notes

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



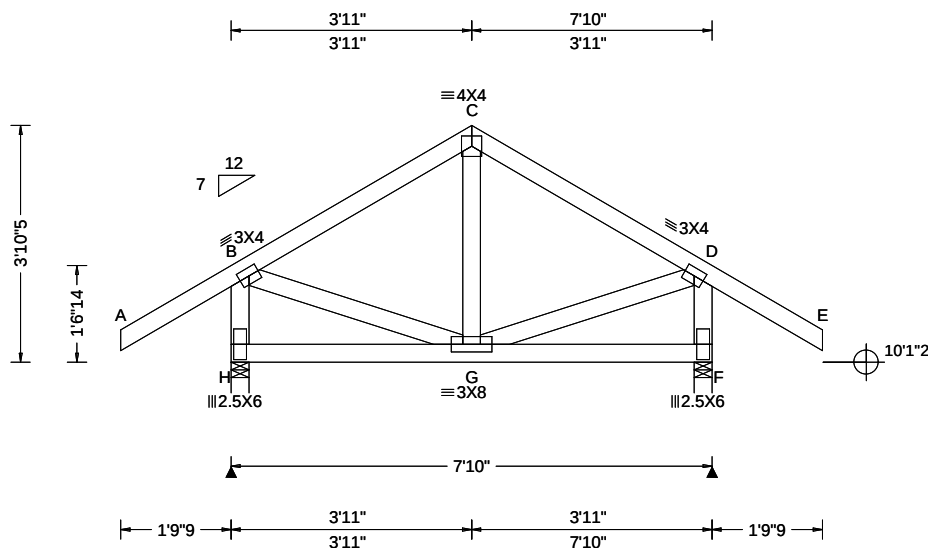
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701948<br>FROM: RFG | COMN<br>Ply: 1<br>Qty: 1 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: D3 | Cust: R 215 JRef: 1YdJ2150002 T32<br>DrwNo: 262.25.1031.20633<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 C 999 360<br>VERT(CL): 0.004 G 999 240<br>HORZ(LL): -0.000 B - -<br>HORZ(TL): 0.001 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.293<br>Max BC CSI: 0.132<br>Max Web CSI: 0.136<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>H 448 /- /- /204 /83 /58<br>F 448 /- /- /204 /83 /-<br>Wind reactions based on MWFRS<br>H Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>F Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Bearings H & F are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Web Forces Per Ply (lbs)<br>Webs Tens.Comp. Webs Tens. Comp.<br>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 3-10-5.



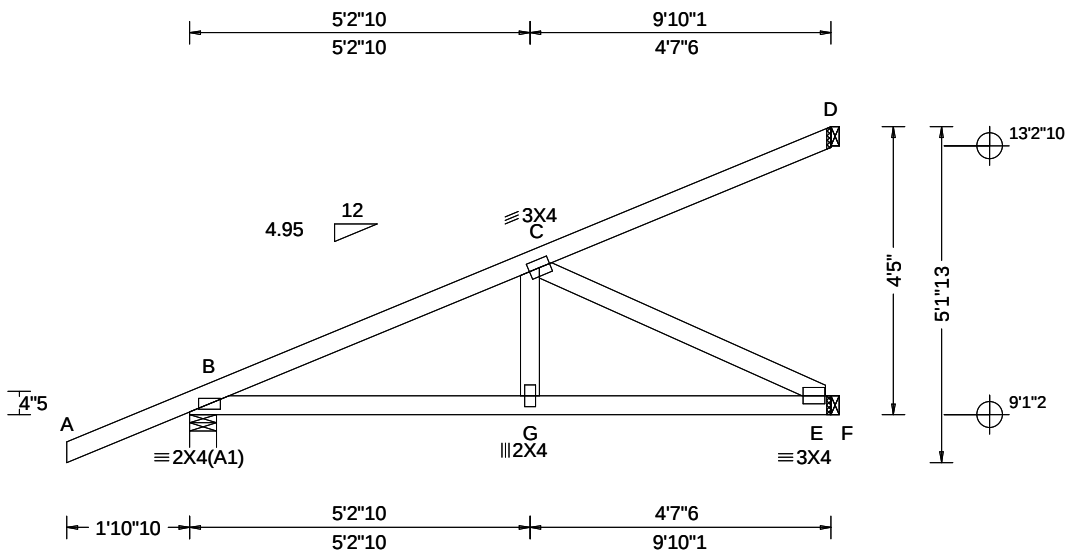
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



|                           |      |                  |                                                     |                                                                                      |
|---------------------------|------|------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701936<br>FROM: RFG | HIP_ | Ply: 1<br>Qty: 3 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: HJ1 | Cust: R 215 JRef: 1YdJ2150002 T14<br>DrwNo: 262.25.1031.17967<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.015 G 999 360<br>VERT(CL): 0.030 G 999 240<br>HORZ(LL): 0.005 F - -<br>HORZ(TL): 0.010 F - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.554<br>Max BC CSI: 0.557<br>Max Web CSI: 0.345<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>B 362 /- /- /- /95 /-<br>E 351 /- /- /- /66 /-<br>D 75 /- /- /- /35 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.9 Min Req = 1.5 (Truss)<br>E Brg Wid = 1.5 Min Req = -<br>D Brg Wid = 1.5 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. |

#### Lumber

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

#### Special Loads

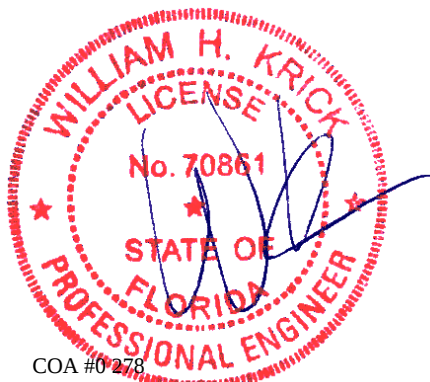
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 0 plf at -1.89 to 62 plf at 0.00  
TC: From 2 plf at 0.00 to 2 plf at 9.84  
BC: From 0 plf at -1.89 to 4 plf at 0.00  
BC: From 2 plf at 0.00 to 2 plf at 9.84  
TC: -14 lb Conc. Load at 1.38  
TC: 132 lb Conc. Load at 4.21  
TC: 261 lb Conc. 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

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.



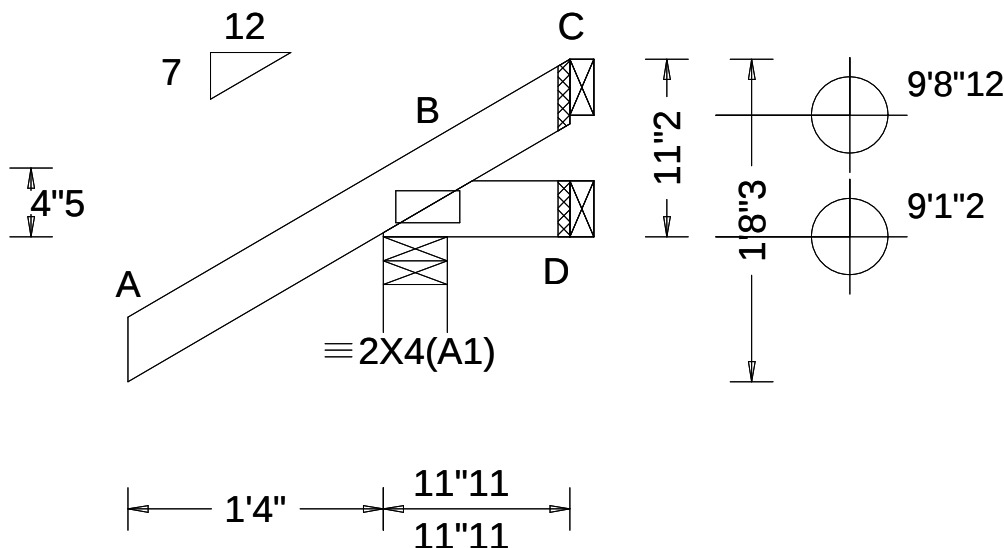
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



|                           |                          |                                                    |                                                                                     |
|---------------------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701928<br>FROM: RFG | JACK<br>Ply: 1<br>Qty: 6 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: J1 | Cust: R 215 JRef:1YdJ2150002 T12<br>DrwNo: 262.25.1031.14187<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): NA<br>VERT(CL): NA<br>HORZ(LL): -0.000 B - -<br>HORZ(TL): 0.001 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.199<br>Max BC CSI: 0.029<br>Max Web CSI: 0.000<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 227 /- /- /70 /52 /41<br>D 6 /-12 /- /13 /- /-<br>C - /-43 /- /29 /7 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Wind

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

#### Additional Notes

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



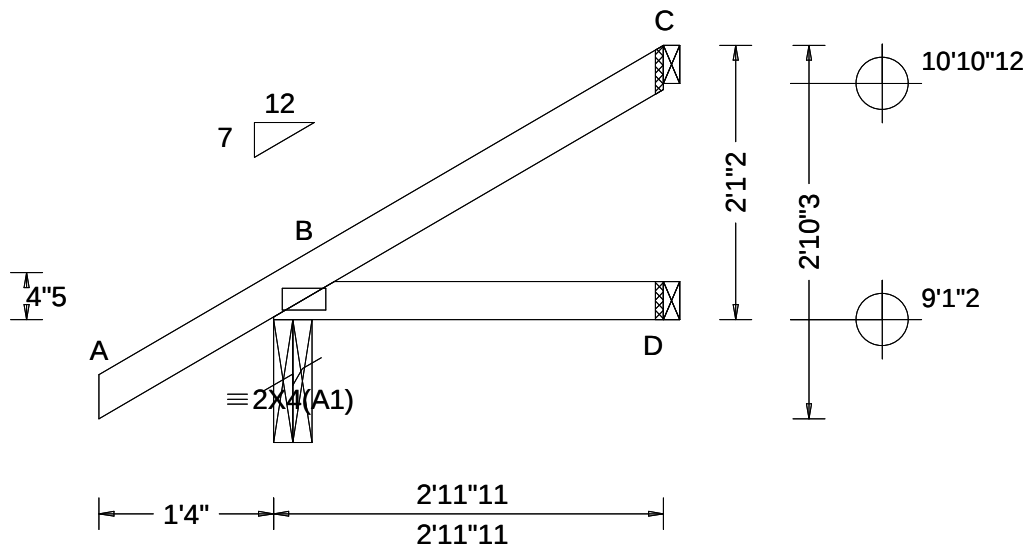
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701930<br>FROM: RFG | JACK<br>Ply: 1<br>Qty: 6 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: J3 | Cust: R 215 JRef: 1YdJ2150002 T11<br>DrwNo: 262.25.1031.12593<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): NA<br>VERT(CL): NA<br>HORZ(LL): 0.000 B - -<br>HORZ(TL): 0.001 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.206<br>Max BC CSI: 0.066<br>Max Web CSI: 0.000<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 246 /- /- /98 /31 /82<br>D 50 /- /- /32 /- /-<br>C 66 /- /- /54 /39 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Wind

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

#### Additional Notes

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



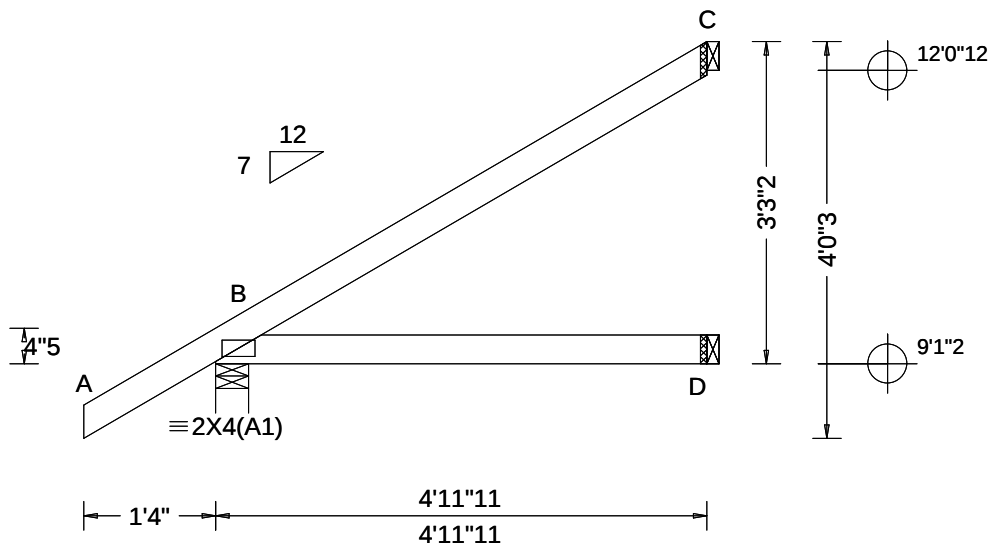
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                      |
|---------------------------|--------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701932<br>FROM: RFG | JACK<br>Ply: 1<br>Qty: 6 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: J5 | Cust: R 215 JRef: 1YdJ2150002 T10<br>DrwNo: 262.25.1031.10830<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): NA<br>VERT(CL): NA<br>HORZ(LL): 0.004 B - -<br>HORZ(TL): 0.008 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.349<br>Max BC CSI: 0.238<br>Max Web CSI: 0.000<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 319 /- /- /139 /30 /124<br>D 90 /- /- /55 /- /-<br>C 131 /- /- /92 /72 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

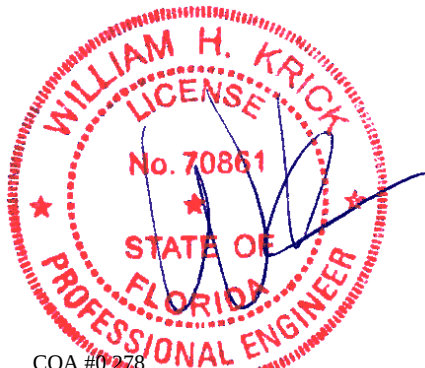
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

#### Wind

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

#### Additional Notes

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



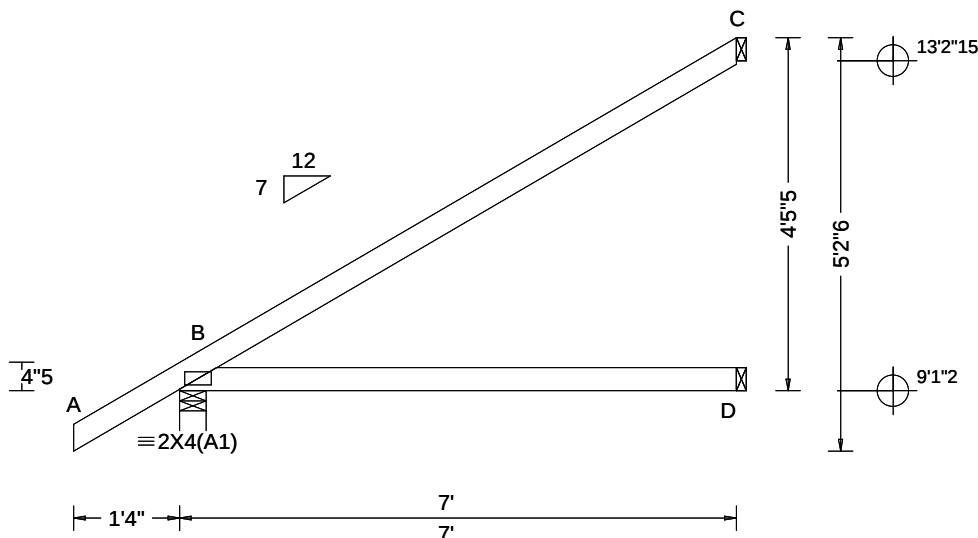
COA #0278

09/19/2022  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                           |                                                    |                                                                                      |
|---------------------------|---------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| SEQN: 701934<br>FROM: RFG | EJAC<br>Ply: 1<br>Qty: 27 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: J7 | Cust: R 215 JRef: 1YdJ2150002 T13<br>DrwNo: 262.25.1031.08400<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): NA<br>VERT(CL): NA<br>HORZ(LL): 0.014 B - -<br>HORZ(TL): 0.028 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.740<br>Max BC CSI: 0.523<br>Max Web CSI: 0.000<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 398 /- /- /190 /30 /166<br>D 130 /- /- /79 /- /-<br>C 191 /- /- /131 /103 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

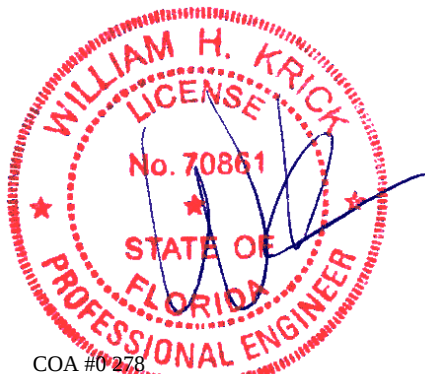
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

#### Wind

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

#### Additional Notes

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



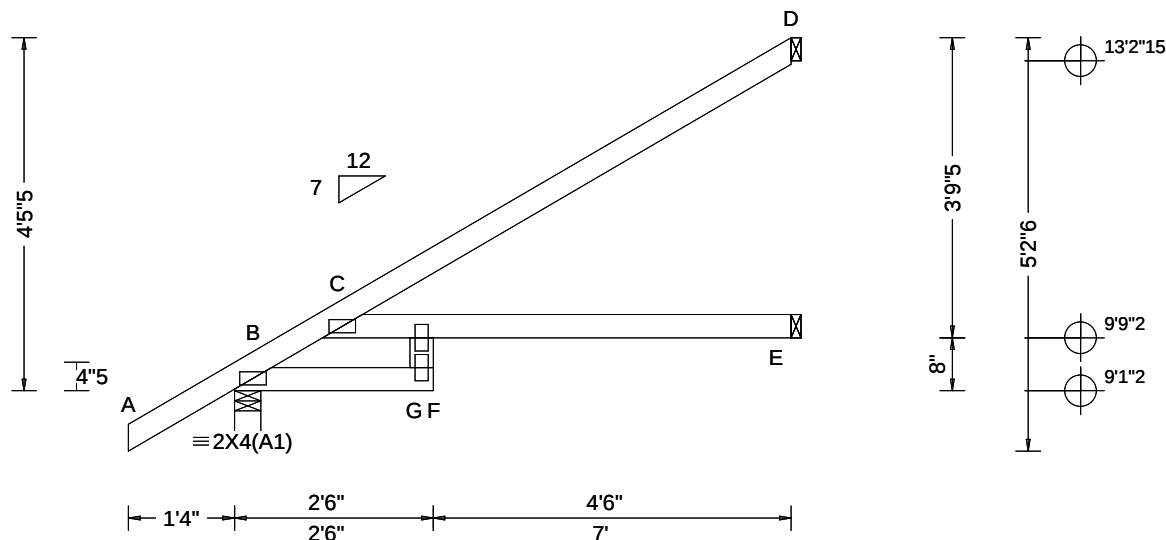
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                     |                                                                                     |
|---------------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701869<br>FROM: RFG | EJAC<br>Ply: 1<br>Qty: 6 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: J7A | Cust: R 215 JRef: 1YdJ2150002 T3<br>DrwNo: 262.25.1031.06617<br>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<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.115 F 712 360<br>VERT(CL): 0.233 F 353 240<br>HORZ(LL): 0.050 C - -<br>HORZ(TL): 0.100 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.708<br>Max BC CSI: 0.495<br>Max Web CSI: 0.201<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 398 - / - / - /190 /30 /166<br>E 126 - / - / - /79 - / -<br>D 189 - / - / - /130 /99 -<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>E Brg Wid = 1.5 Min Req = -<br>D Brg Wid = 1.5 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Plating Notes

All plates are 2X4 except as noted.

#### Wind

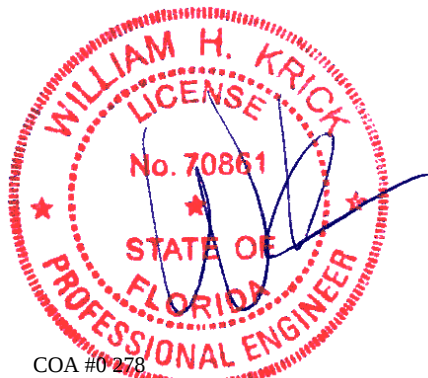
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

#### Additional Notes

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

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)



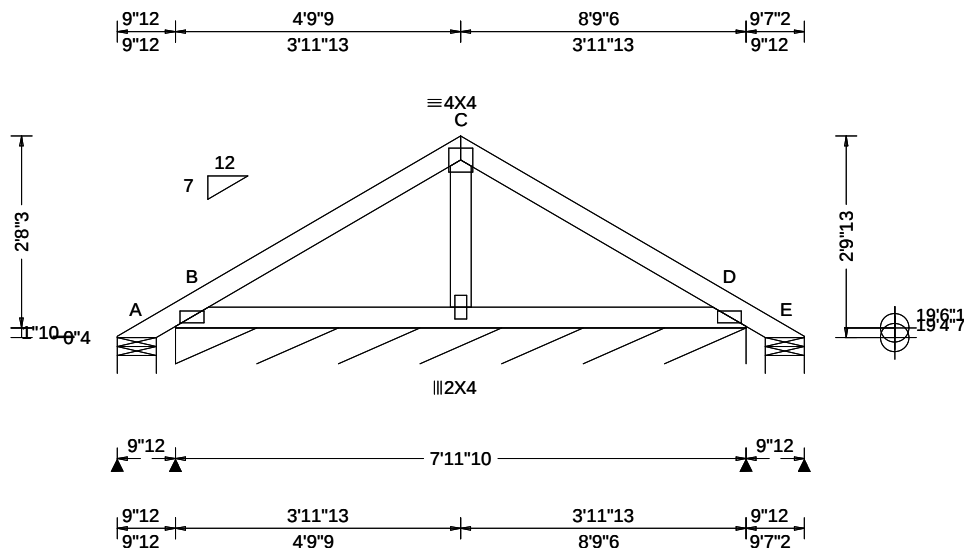
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)



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



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                                 | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                           | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.43 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 - - 360<br>VERT(CL): 0.000 - - 240<br>HORZ(LL): 0.000 - - -<br>HORZ(TL): 0.000 - - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.170<br>Max BC CSI: 0.121<br>Max Web CSI: 0.021<br>VIEW Ver: 24.02.00D.0114.10 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>A - /-73 /- /65 /94 /73<br>B* 113 /- /- /64 /6 /-<br>E - /-73 /- /28 /58 /-<br>Wind reactions based on MWFRS<br>A Brg Wid = 6.5 Min Req = 1.5 (Truss)<br>B Brg Wid = 95.6 Min Req = -<br>E Brg Wid = 6.5 Min Req = 1.5 (Truss)<br>Bearings A, B, & E are a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Plating Notes

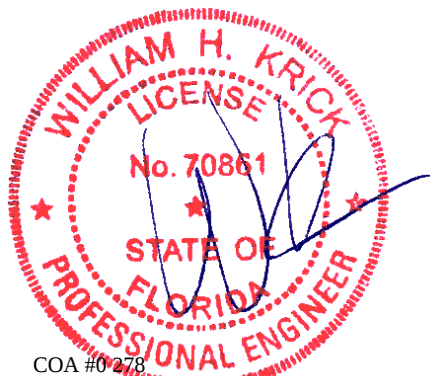
All plates are 2X4(A1) except as noted.

#### Wind

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



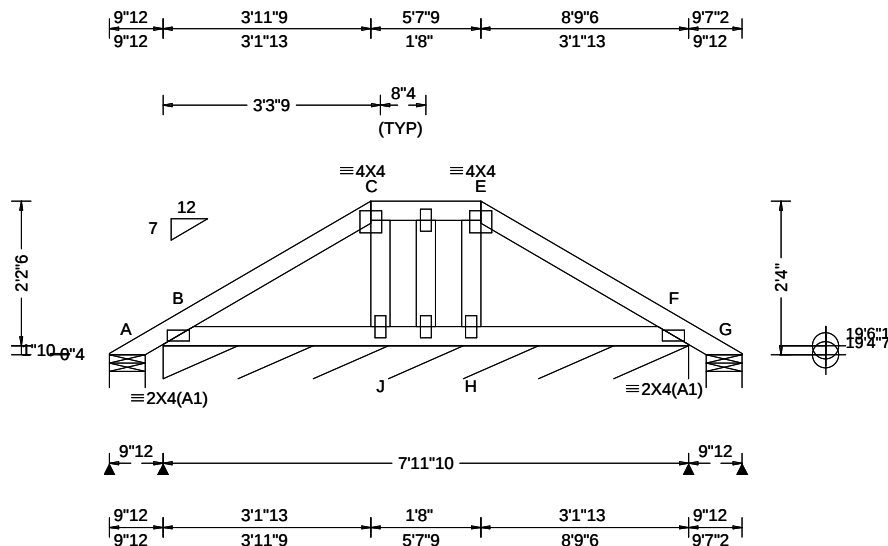
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                     |
|---------------------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701962<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 2 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: P2 | Cust: R 215 JRef: 1YdJ2150002 T1<br>DrwNo: 262.25.1030.58480<br>GA / WHK 09/19/2025 |
|---------------------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                                 | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                           | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.19 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 - - 360<br>VERT(CL): 0.000 - - 240<br>HORZ(LL): 0.000 - - -<br>HORZ(TL): 0.000 - - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.100<br>Max BC CSI: 0.056<br>Max Web CSI: 0.014<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>A - /-29 /- /44 /54 /60<br>B* 84 /- /- /57 /11 /-<br>G - /-29 /- /14 /24 /-<br>Wind reactions based on MWFRS<br>A Brg Wid = 6.5 Min Req = 1.5 (Truss)<br>B Brg Wid = 95.6 Min Req = -<br>G Brg Wid = 6.5 Min Req = 1.5 (Truss)<br>Bearings A, B, & G are a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Plating Notes

All plates are 2X4 except as noted.

#### 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.



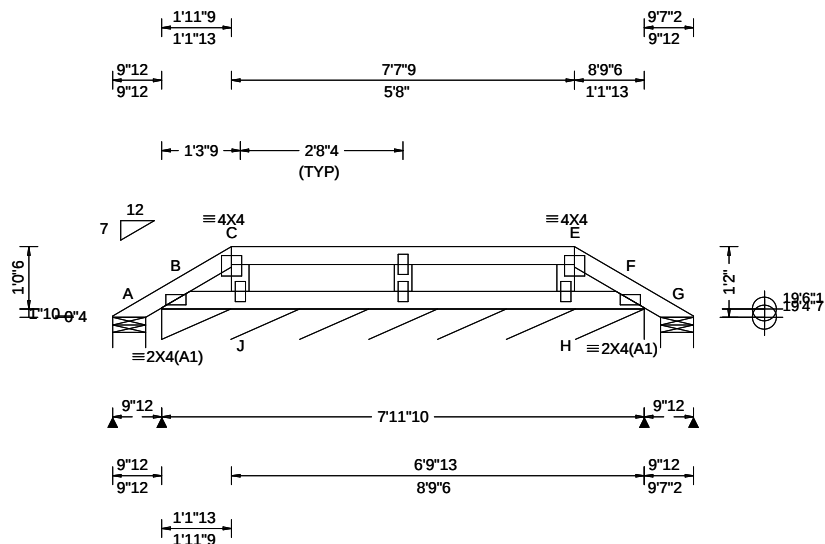
COA #0278

09/19/2025  
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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

|                           |                          |                                                    |                                                                                     |
|---------------------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| SEQN: 701964<br>FROM: RFG | HIPS<br>Ply: 1<br>Qty: 2 | Job Number: 25-3047<br>PROVEAUX<br>Truss Label: P3 | Cust: R 215 JRef: 1YdJ2150002 T2<br>DrwNo: 262.25.1030.55123<br>GA / WHK 09/19/2025 |
|---------------------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                                 | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                          | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/def L/#<br>VERT(LL): 0.000 - - 360<br>VERT(CL): 0.000 - - 240<br>HORZ(LL): 0.000 - - -<br>HORZ(TL): 0.000 - - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.115<br>Max BC CSI: 0.036<br>Max Web CSI: 0.040<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>A 20 /- /- /23 /9 /27<br>B* 72 /- /- /47 /8 /-<br>G 20 /- /- /18 /4 /-<br>Wind reactions based on MWFRS<br>A Brg Wid = 6.5 Min Req = 1.5 (Truss)<br>B Brg Wid = 95.6 Min Req = -<br>G Brg Wid = 6.5 Min Req = 1.5 (Truss)<br>Bearings A, B, & G are a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Plating Notes

All plates are 2X4 except as noted.

#### 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.



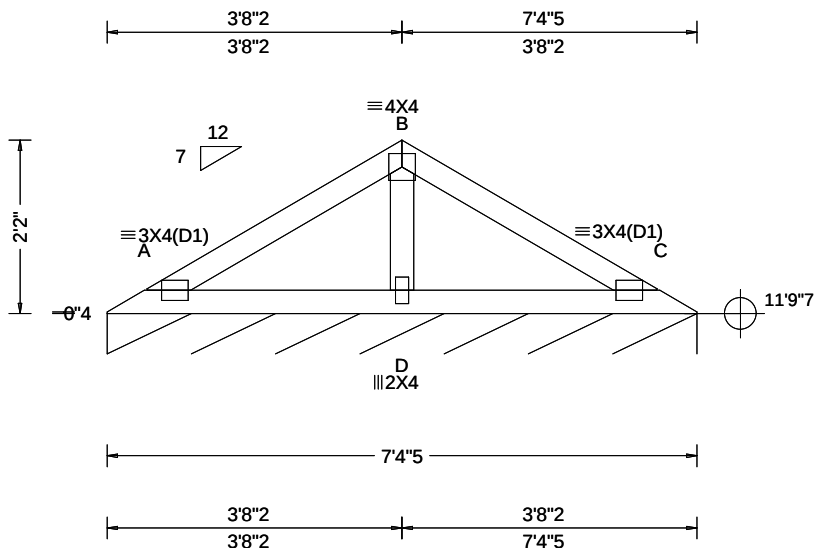
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

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



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                                 | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                                | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.005 C 999 360<br>VERT(CL): 0.011 C 999 240<br>HORZ(LL): -0.002 C - -<br>HORZ(TL): 0.005 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.161<br>Max BC CSI: 0.142<br>Max Web CSI: 0.075<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>C* 83 /- /- /41 /10 /6<br>Wind reactions based on MWFRS<br>C Brg Wid = 88.3 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

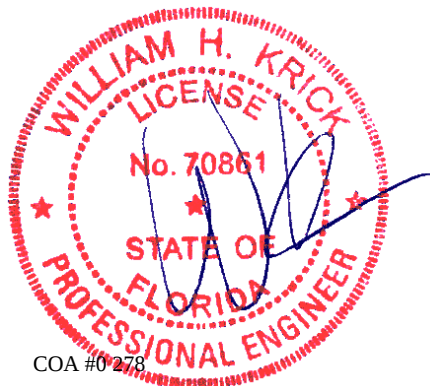
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #3;

#### 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.



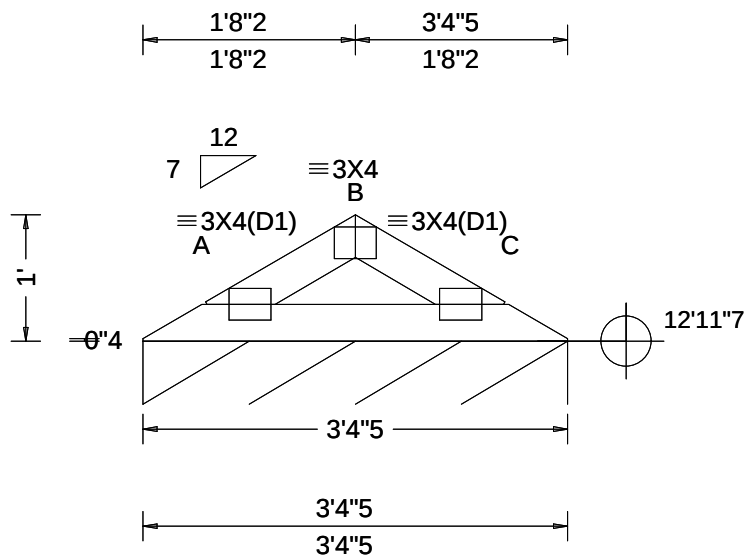
COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

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



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                                 | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                                | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 40.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 130 mph<br>Enclosure: Closed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 5.0 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 C 999 360<br>VERT(CL): 0.004 C 999 240<br>HORZ(LL): -0.001 A - -<br>HORZ(TL): 0.002 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.051<br>Max BC CSI: 0.072<br>Max Web CSI: 0.000<br>VIEW Ver: 24.02.00D.0114.10 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>C* 82 /- /- /37 /5 /5<br>Wind reactions based on MWFRS<br>C Brg Wid = 40.3 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Wind

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

#### Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.  
The overall height of this truss excluding overhang is 1'-0".



COA #0278

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, 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](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbccomponents.com](http://sbccomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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

# 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.  
 Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00  
 Or  
 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" x 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.

Or

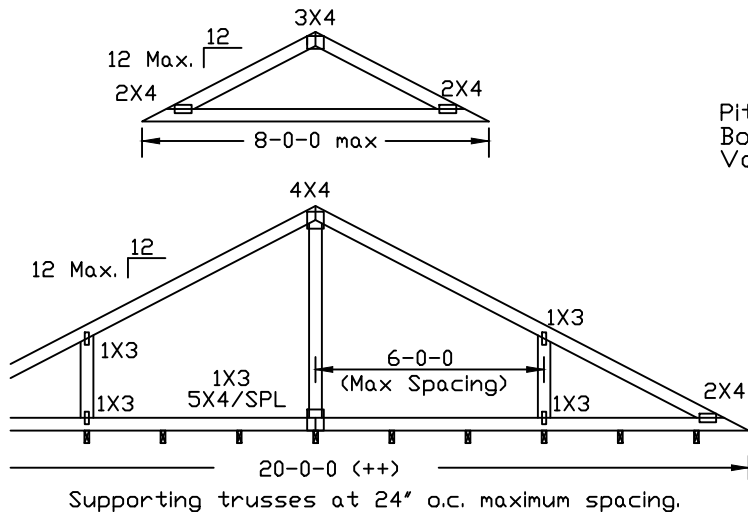
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design

Or

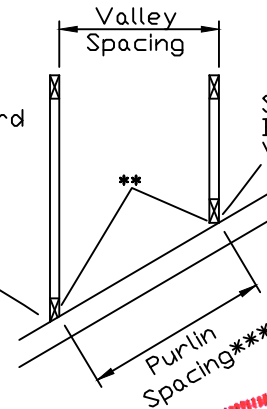
By valley trusses used in lieu of purlin spacing as specified on  
 Engineer's sealed design.

**\*\*\* 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.**

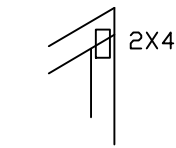
**++ Larger spans may be built as long as the vertical height does  
 not exceed 14'-0".**



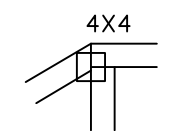
Pitched Cut  
 Bottom Chord  
 Valley



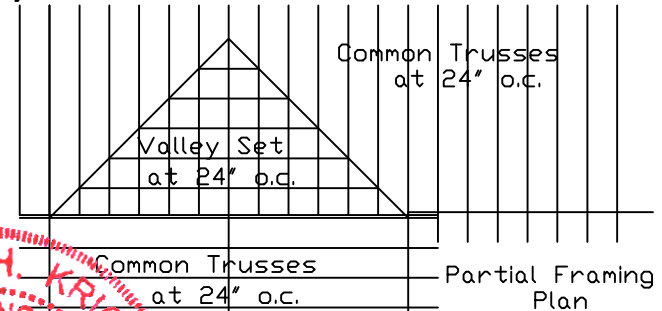
Square Cut  
 Bottom Chord  
 Valley



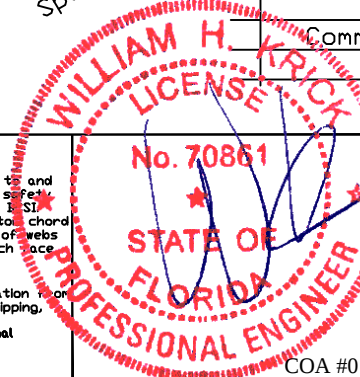
Stubbed Valley  
 End Detail



Optional Hip  
 Joint Detail



**\*\*\*WARNING\*\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING**  
**\*\*\*IMPORTANT\*\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.**  
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and  
 follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety  
 practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.  
 Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord  
 shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs  
 shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face  
 of truss and position as shown above and on the Joint Details, unless noted otherwise.  
 Refer to drawings 160A-Z for standard plate positions.  
 Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from  
 this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping,  
 installation & 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](http://www.alpineitw.com); TPI: [www.tpinet.org](http://www.tpinet.org); SBCA: [www.sbcacomponents.com](http://www.sbcacomponents.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



|                                     |       |      |        |      |               |
|-------------------------------------|-------|------|--------|------|---------------|
| TC LL                               | 30    | 30   | 40PSF  | REF  | VALLEY DETAIL |
| TC DL                               | 20    | 15   | 7PSF   | DATE | 07/03/2023    |
| BC DL                               | 10    | 10   | 10 PSF | DRWG | VAL180220723  |
| BC LL                               | 0     | 0    | 0PSF   |      |               |
| TOT. LD.                            | 60    | 55   | 57PSF  |      |               |
| DUR.FAC.                            | 1.05  | 0.33 | 1.15   |      |               |
| SPACING                             | 84.0" |      |        |      |               |
| COA #0 275                          |       |      |        |      |               |
| Florida Certificate of Approval #FL |       |      |        |      |               |

Valley Detail - ASCE 7-22: 30' Mean Height, Enclosed, Exp. C,  $K_{zt}=1.00$ 

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" x 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" x 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.

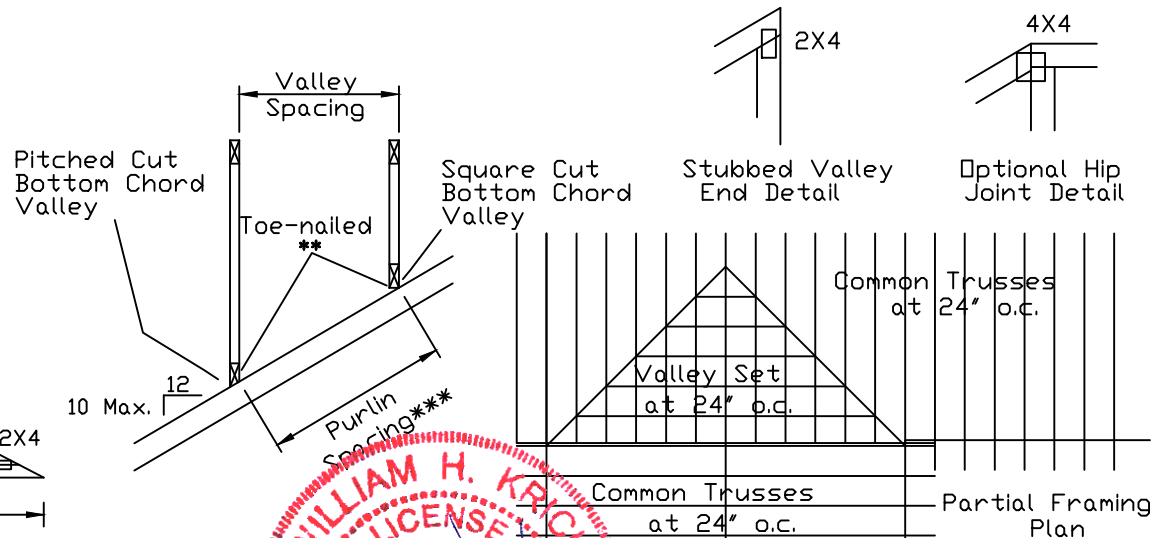
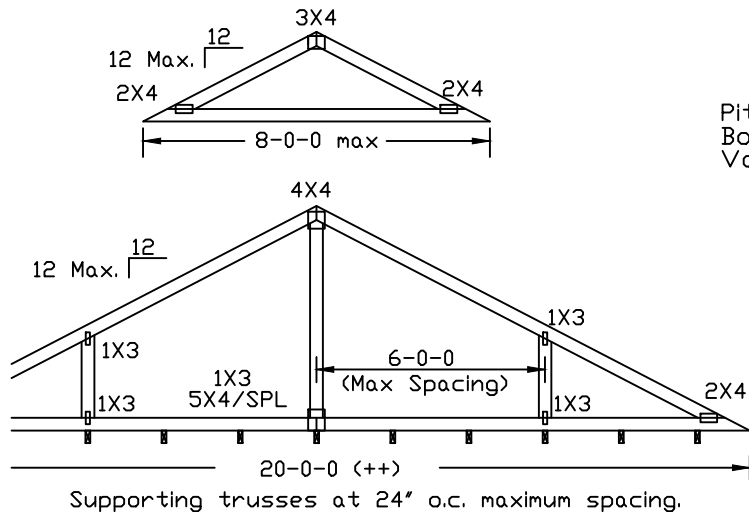
Top chord of truss beneath valley set must be braced with properly attached, rated sheathing applied prior to valley truss installation.

Or  
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".



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

**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 Components Safety Information by TPI and SBCA) or safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each end of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & 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](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcacomponents.com](http://www.sbcacomponents.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

COA #0 278

Florida Certificate

|                                   |       |        |                   |
|-----------------------------------|-------|--------|-------------------|
| TC LL 30                          | 30    | 40PSF  | REF VALLEY DETAIL |
| TC DL 20                          | 15    | 7 PSF  | DATE 07/03/2023   |
| BC DL 10                          | 10    | 10 PSF | DRWG VALTN220723  |
| BC LL 0                           | 0     | 0 PSF  |                   |
| TOT. L.D. 60                      | 55    | 57PSF  |                   |
| 09/19/2025                        |       |        |                   |
| DUR.FAC. 1.25/1.33                | 1.15  | 1.15   |                   |
| date of Product Approval #PL 1999 |       |        |                   |
| SPACING                           | 24.0" |        |                   |

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

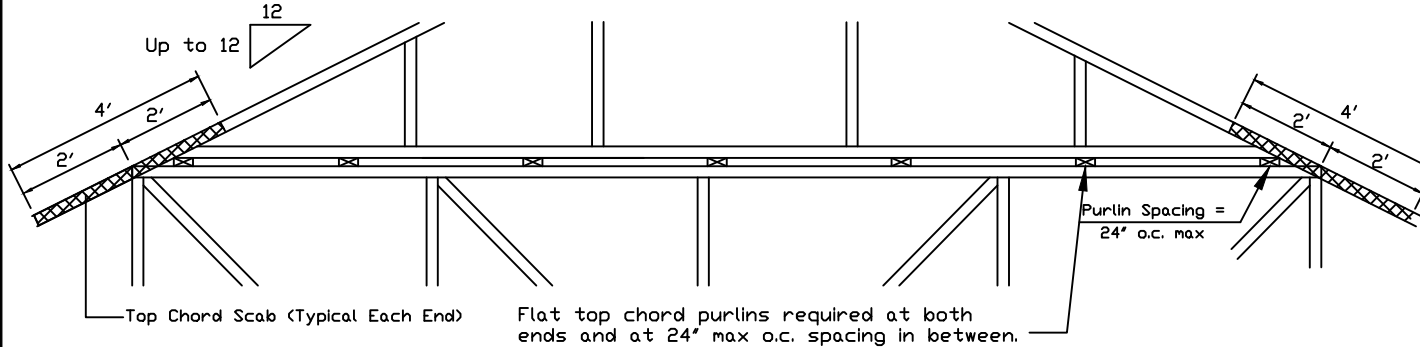
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.  
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

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

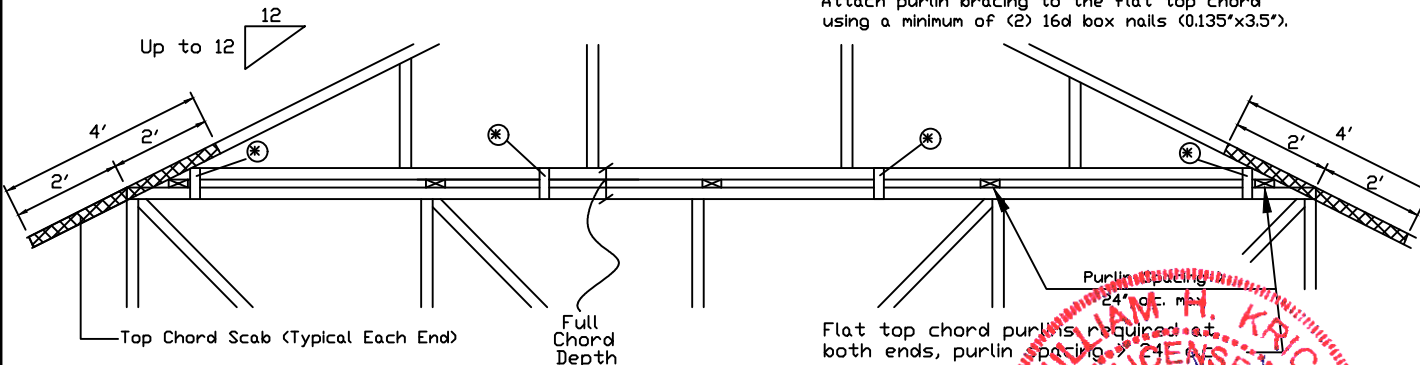


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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 using a minimum of (2) 16d box nails (0.135"x3.5").

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

|                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Trulox</b><br>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. |
| <b>APA Rated Gusset</b><br>8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.                              |
| <b>2x4 Vertical Scabs</b><br>2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.                                             |
| <b>28PB Wave Piggyback Plate</b><br>One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.                 |

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

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

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

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

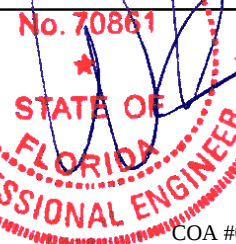
A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this Job's general notes page and these web sites:

ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcacomponents.com](http://www.sbcacomponents.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



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



COA #0 278

Florida Certified Professional Engineer

09/19/2025

SPACING

REF PIGGYBACK  
DATE 07/03/2023  
DRWG PB160220723

# 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-reinforcement or scab reinforcement.

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

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

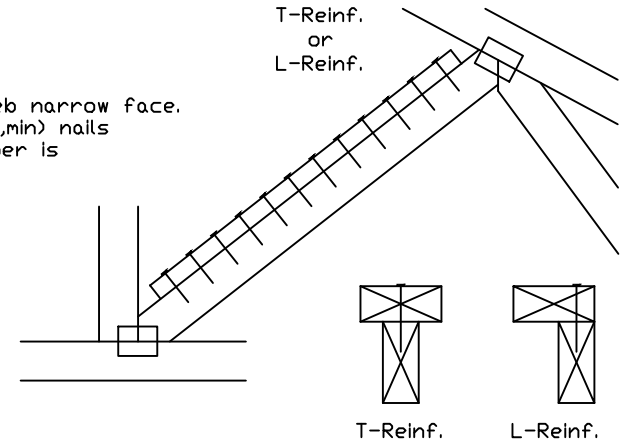
| Web Member Size | Specified CLR Restraint | Alternative Reinforcement T- or L- Reinf. | Scab Reinf. |
|-----------------|-------------------------|-------------------------------------------|-------------|
| 2x3 or 2x4      | 1 row                   | 2x4                                       | 1-2x4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

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

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

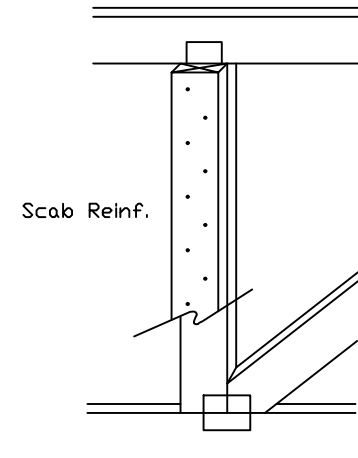
## T-Reinforcement or L-Reinforcement:

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



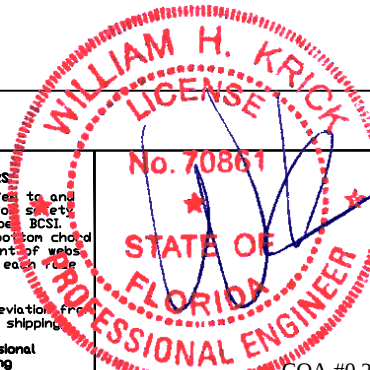
## Scab Reinforcement:

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



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

**WARNING: READ AND FOLLOW ALL NOTES ON THIS DRAWING**  
**IMPORTANT: FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.**  
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each side of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.  
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & 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](http://www.alpineitw.com); TPI: [www.tpinet.org](http://www.tpinet.org); SBCA: [www.sbcacomponents.com](http://www.sbcacomponents.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



COA #0 278

Florida Certificate of Product Approval #FL 1999

|            |     |                   |
|------------|-----|-------------------|
| TC LL      | PSF | REF CLR Subst.    |
| TC DL      | PSF | DATE 01/02/19     |
| BC DL      | PSF | DRWG BRCLBSUB0119 |
| BC LL      | PSF |                   |
| TOT. LD.   | PSF |                   |
| DUR. 19725 |     |                   |
| SPACING    |     |                   |