

COA #0 278
 Florida Certificate of Product Approval #FL1999
 01/20/2026

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This item has been digitally signed by Douglas Fleming 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.

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 26-3431
Job Description: 12-305 PERIN	
Address: 263 SW KEMP CT, Lake City, FL 32024	

Job Engineering Criteria:	
Design Code: FBC 8th Ed. 2023 Res.	IntelliVIEW Version: 24.02.00D JRef #: 1YGY2150003
Wind Standard: ASCE 7-22 Wind Speed (mph): 130	Design Loading (psf): 50
Building Type: Enclosed	

This package contains general notes pages, 34 truss drawing(s) and 2 detail(s).

Item	Drawing Number	Truss
1	020.26.1118.55790	A01
3	020.26.1114.04950	A03
5	020.26.1114.25863	A05
7	020.26.1114.44960	A07
9	020.26.1115.06630	A09
11	020.26.1116.11810	A11
13	020.26.1116.18540	A13
15	020.26.1116.24390	A15
17	020.26.1116.49140	A17
19	020.26.1119.28430	A19
21	020.26.1119.33623	B02
23	020.26.1119.39600	B04
25	020.26.1115.59527	B06
27	020.26.1120.09600	C02
29	020.26.1117.54227	C04
31	020.26.1118.04383	J01HJ
33	020.26.1120.18817	J03
35	BRCLBSUB0119	

Item	Drawing Number	Truss
2	020.26.1113.55513	A02
4	020.26.1114.14937	A04
6	020.26.1114.35953	A06
8	020.26.1114.56130	A08
10	020.26.1116.08797	A10
12	020.26.1116.15457	A12
14	020.26.1116.21323	A14
16	020.26.1116.37910	A16
18	020.26.1116.58340	A18
20	020.26.1119.31337	B01
22	020.26.1119.35210	B03
24	020.26.1119.46700	B05
26	020.26.1119.50217	C01
28	020.26.1120.11570	C03
30	020.26.1117.57677	J01
32	020.26.1118.08253	J02
34	020.26.1120.47013	PB01
36	PB160220723	

General Notes

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

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

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

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

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

Temporary Lateral Restraint and Bracing:

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

Permanent Lateral Restraint and Bracing:

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

Connector Plate Information:

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

Bearing Information:

The bearing area factor, 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 TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

FRT-BF = Borafume Fire Retardant Treated lumber

FRT-DB = D-Blaze Fire Retardant Treated lumber.

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

FRT-ON = OnWood Fire Retardant Treated lumber.

FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.

FRT-PR = ProWood Fire Retardant Treated lumber.

g = green lumber.

HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.

HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.

HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.

Ic = Incised lumber.

FJ = Finger Jointed lumber.

L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.

L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.

Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.

Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for all load cases.

Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for all load cases.

Max Web CSI = Maximum bending and axial Combined Stress Index for Webs for all load cases.

NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.

PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.

PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds

PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.

PP = Panel Point.

R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).

Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

General Notes (continued)

Key to Terms (continued):

Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).

TCDL = Top Chord standard design Dead Load in pounds per square foot.

TCLL = Top Chord standard design Live Load in pounds per square foot.

U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.

VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.

VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.

VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.

W = Width of non-hanger bearing, in inches.

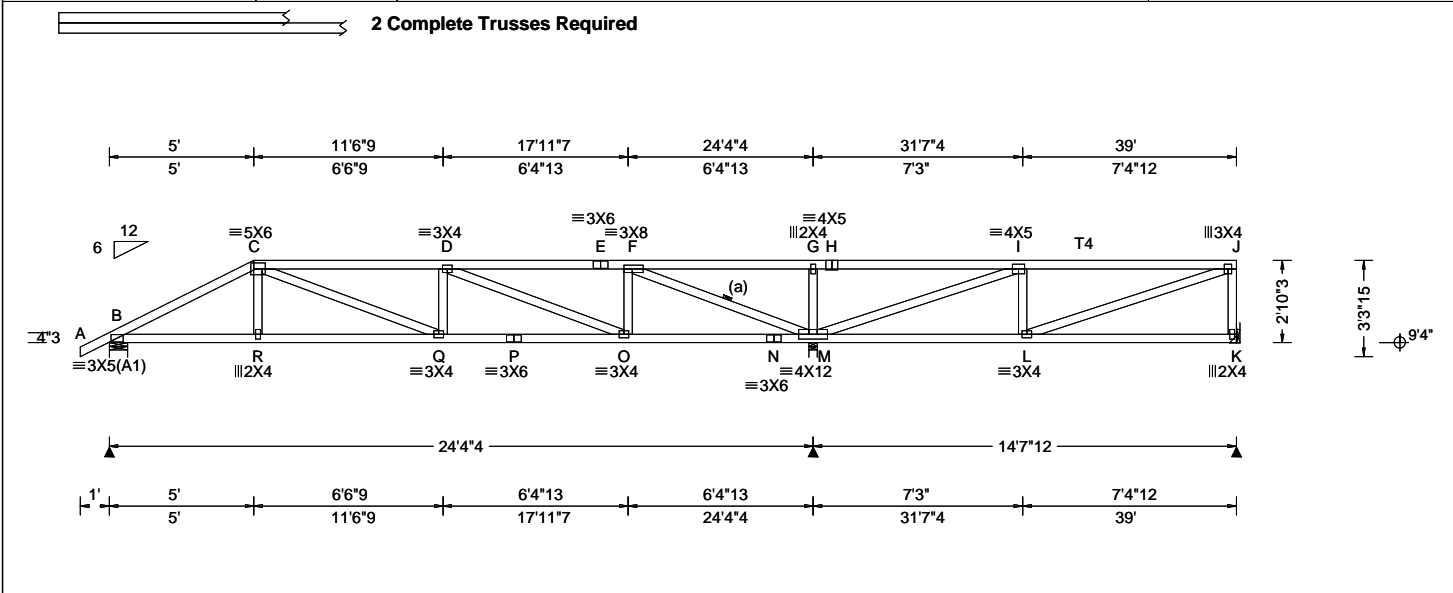
Refer to ASCE-7 for Wind and Seismic abbreviations.

Uppercase Acronyms not explained above are as defined in TPI 1.

References:

1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 155 Harlem Ave, North Building, 4th Floor, Glenview, IL 60025; www.alpineitw.com.
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcacomponents.com

SEQN: 52173 FROM:	HIPM Ply: 2 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A01	Cust: R215 JRRef: 1YGY2150003 T8 DrwNo: 020.26.1118.55790 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.90 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.103 D 999 240 VERT(CL): 0.262 D 999 180 HORZ(LL): 0.027 K - - HORZ(TL): 0.069 K - - Creep Factor: 2.0 Max TC CSI: 0.924 Max BC CSI: 0.717 Max Web CSI: 0.963 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2112</td> <td>-</td> <td>-</td> <td>-</td> <td>466</td> <td>-</td> </tr> <tr> <td>M</td> <td>4761</td> <td>-</td> <td>-</td> <td>-</td> <td>1106</td> <td>-</td> </tr> <tr> <td>K</td> <td>936</td> <td>-</td> <td>-</td> <td>-</td> <td>210</td> <td>-</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	2112	-	-	-	466	-	M	4761	-	-	-	1106	-	K	936	-	-	-	210	-
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Lumber
 Top chord: 2x4 SP #2; T4 2x4 SP M-31;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;

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

Nailnote
 Nail Schedule: 0.131"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 85 plf at -1.00 to 85 plf at 5.00
 TC: From 42 plf at 5.00 to 42 plf at 39.00
 BC: From 20 plf at 0.00 to 20 plf at 5.03
 BC: From 10 plf at 5.03 to 10 plf at 39.00
 TC: 485 lb Conc. Load at 5.03
 TC: 179 lb Conc. Load at 7.06, 9.06,11.06,13.06
 15.06,17.06,18.69,20.69,22.69,24.69,26.69,28.69
 30.69,32.69,34.69,36.69,38.69
 BC: 192 lb Conc. Load at 5.03
 BC: 97 lb Conc. Load at 7.06, 9.06,11.06,13.06
 15.06,17.06,18.69,20.69,22.69,24.69,26.69,28.69
 30.69,32.69,34.69,36.69,38.69

Hangers / Ties
 Hanger Support Required, by others

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

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - R	1717 -381	P - O	2214 -509
R - Q	1727 -380	O - N	1046 -239
Q - P	2214 -509	N - M	1046 -239

Maximum Web Forces Per Ply (lbs)

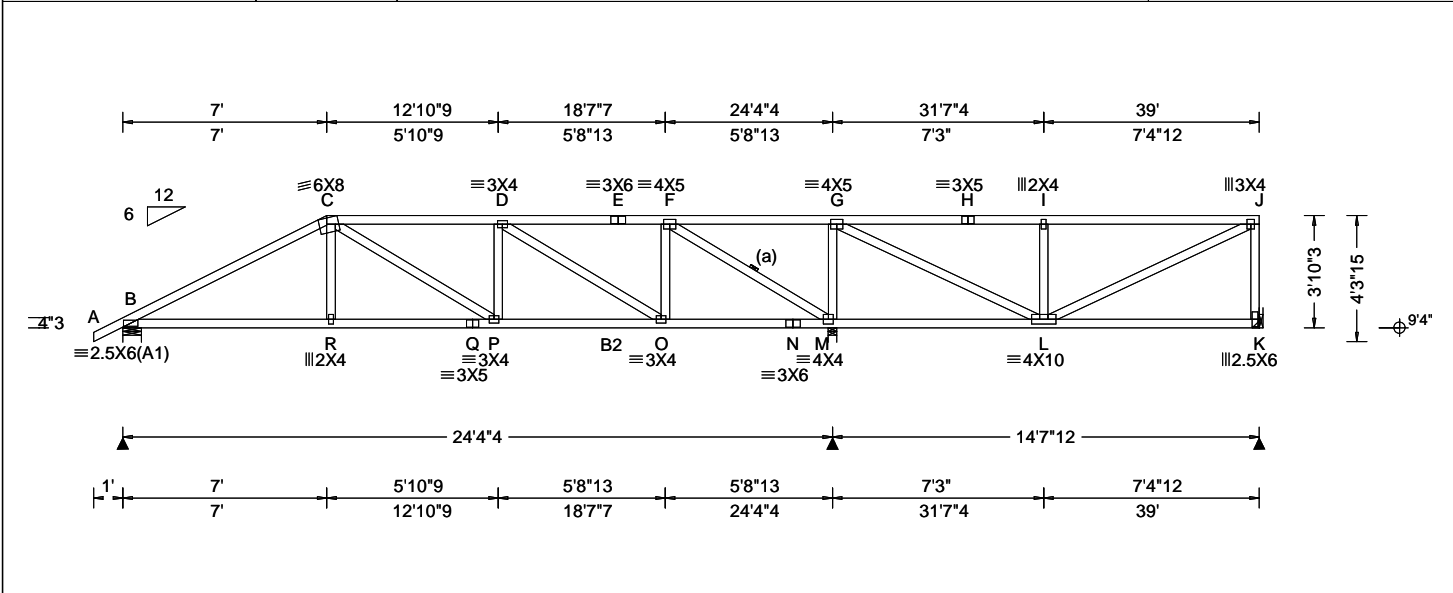
Webs	Tens.Comp.	Webs	Tens. Comp.
C - Q	525 -132	F - M	651 -2795
D - O	281 -1198	M - I	464 -1963
O - F	649 -94	G - M	158 -440



****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: 52176 FROM:	HIPM Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A02	Cust: R215 JRRef: 1YGY2150003 T18 DrwNo: 020.26.1113.55513 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.90 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.064 P 999 240 VERT(CL): 0.138 P 999 180 HORZ(LL): 0.021 M - - HORZ(TL): 0.045 M - - Creep Factor: 2.0 Max TC CSI: 0.961 Max BC CSI: 0.605 Max Web CSI: 0.871 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1206 /- /- /774 /225 /138 M 2483 /- /- /1474 /509 /- K 578 /- /- /291 /122 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) M Brg Wid = 3.5 Min Req = 2.6 (Truss) K Brg Wid = - Min Req = - Bearings B & M are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
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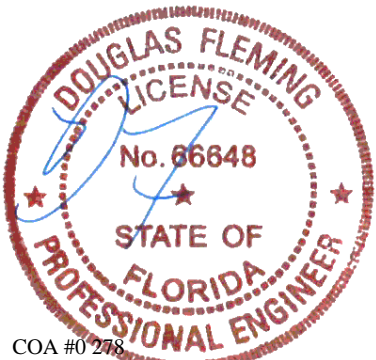
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; B2 2x4 SP M-31; Webs: 2x4 SP #3;	B - C 648 -1823 F - G 1070 -461 C - D 678 -1619 G - H 170 -555 D - E 307 -793 H - I 170 -555 E - F 307 -793 I - J 170 -555
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Bracing
 (a) Continuous lateral restraint equally spaced on member.

Hangers / Ties Hanger Support Required, by others	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - R 1526 -651 O - N 740 -289 R - Q 1532 -650 N - M 740 -289 Q - P 1532 -650 M - L 411 -971 P - O 1615 -682
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Purlins
 In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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.

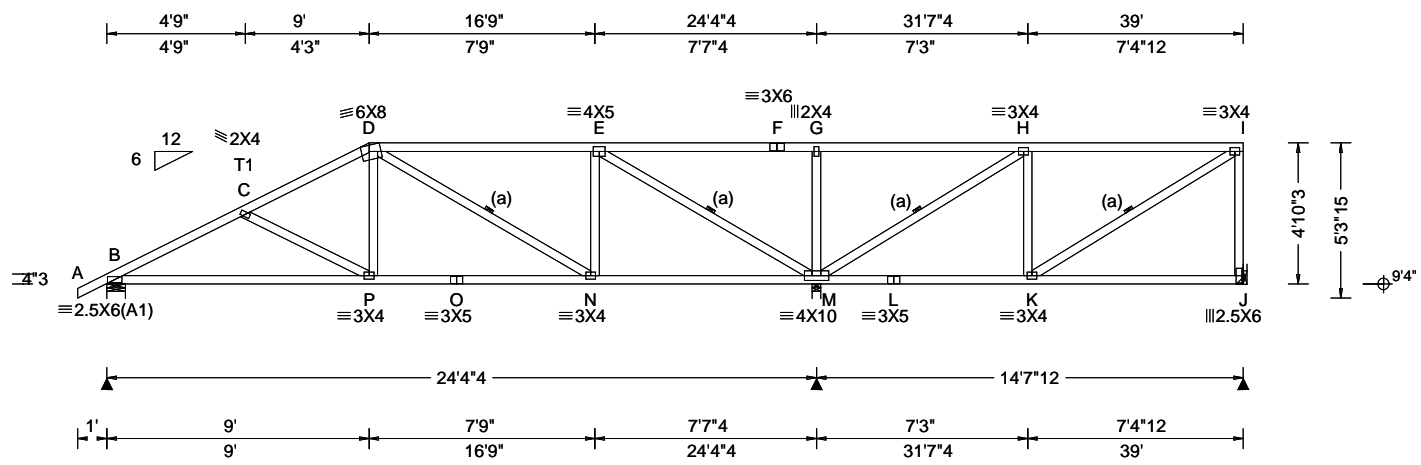


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 For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 52164 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A03	Cust: R215 JRef: 1YGY2150003 T24 DrwNo: 020.26.1114.04950 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.047 P 999 240 VERT(CL): 0.125 P 999 180 HORZ(LL): 0.019 K - - HORZ(TL): 0.050 K - - Creep Factor: 2.0 Max TC CSI: 0.499 Max BC CSI: 0.780 Max Web CSI: 0.859 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1194</td> <td>-</td> <td>-</td> <td>/785</td> <td>/211</td> <td>/173</td> </tr> <tr> <td>M</td> <td>2540</td> <td>-</td> <td>-</td> <td>/1533</td> <td>/537</td> <td>-</td> </tr> <tr> <td>J</td> <td>549</td> <td>-</td> <td>-</td> <td>/274</td> <td>/109</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) M Brg Wid = 3.5 Min Req = 2.6 (Truss) J Brg Wid = - Min Req = - Bearings B & M are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>599 -1878</td> <td>F - G</td> <td>917 -401</td> </tr> <tr> <td>C - D</td> <td>523 -1514</td> <td>G - H</td> <td>917 -401</td> </tr> <tr> <td>D - E</td> <td>366 -928</td> <td>H - I</td> <td>100 -377</td> </tr> <tr> <td>E - F</td> <td>917 -401</td> <td></td> <td></td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1194	-	-	/785	/211	/173	M	2540	-	-	/1533	/537	-	J	549	-	-	/274	/109	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	599 -1878	F - G	917 -401	C - D	523 -1514	G - H	917 -401	D - E	366 -928	H - I	100 -377	E - F	917 -401		
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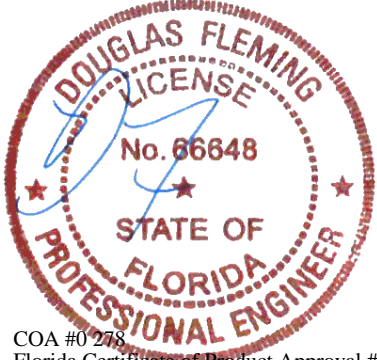
Lumber
 Top chord: 2x4 SP M-31; T1 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;

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

Hangers / Ties
 Hanger Support Required, by others

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

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.

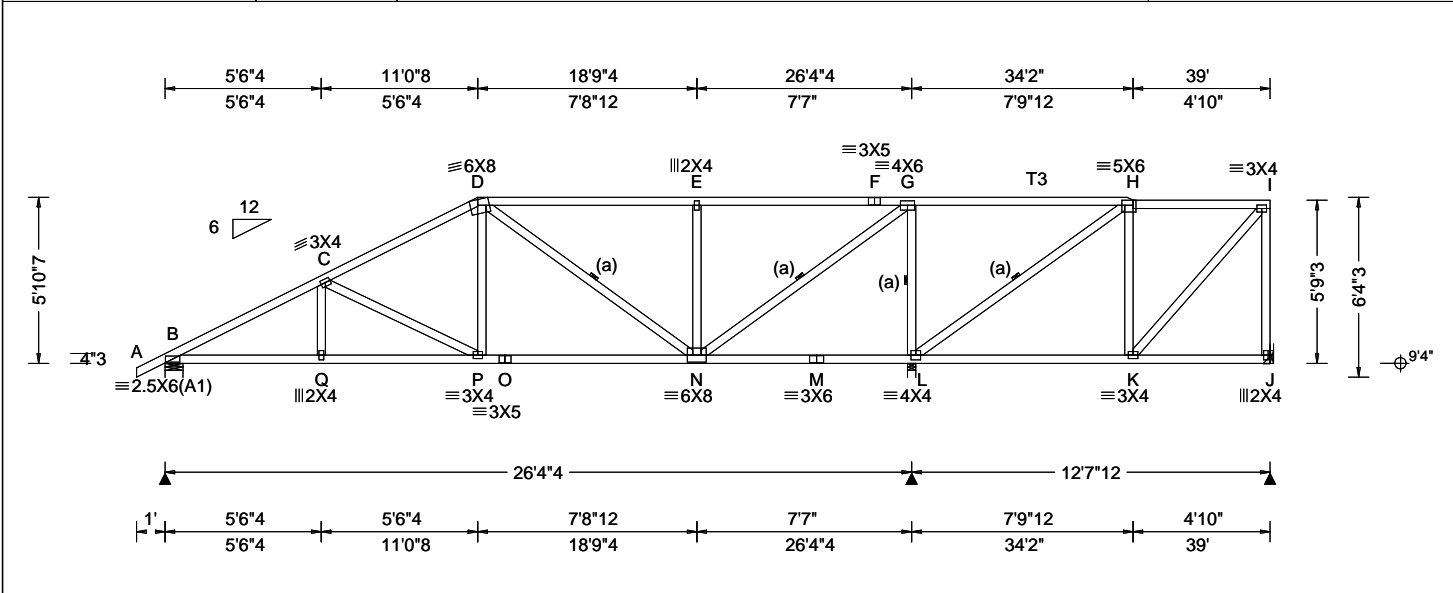


COA #0278
 Florida Certificate of Product Approval #FL1999
 01/20/2026

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SEQN: 52192 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A04	Cust: R 215 JRef: 1YGY2150003 T29 DrwNo: 020.26.1114.14937 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.056 P 999 240 VERT(CL): 0.147 P 999 180 HORZ(LL): 0.018 N - - HORZ(TL): 0.047 N - - Creep Factor: 2.0 Max TC CSI: 0.883 Max BC CSI: 0.616 Max Web CSI: 0.731 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1294</td> <td>-</td> <td>-</td> <td>/866</td> <td>/227</td> <td>/209</td> </tr> <tr> <td>L</td> <td>2642</td> <td>-</td> <td>-</td> <td>/1624</td> <td>/556</td> <td>-</td> </tr> <tr> <td>J</td> <td>382</td> <td>-</td> <td>-</td> <td>/151</td> <td>/73</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) L Brg Wid = 3.5 Min Req = 2.7 (Truss) J Brg Wid = - Min Req = - Bearings B & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>598 -2100</td> <td>E - F</td> <td>345 -816</td> </tr> <tr> <td>C - D</td> <td>525 -1522</td> <td>F - G</td> <td>345 -816</td> </tr> <tr> <td>D - E</td> <td>345 -817</td> <td>G - H</td> <td>831 -328</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1294	-	-	/866	/227	/209	L	2642	-	-	/1624	/556	-	J	382	-	-	/151	/73	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	598 -2100	E - F	345 -816	C - D	525 -1522	F - G	345 -816	D - E	345 -817	G - H	831 -328
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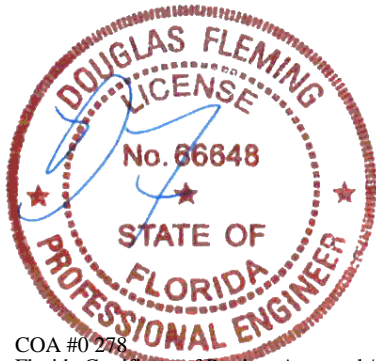
Lumber
 Top chord: 2x4 SP #2; T3 2x4 SP M-31;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;

Bracing
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Hangers / Ties
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Purlins
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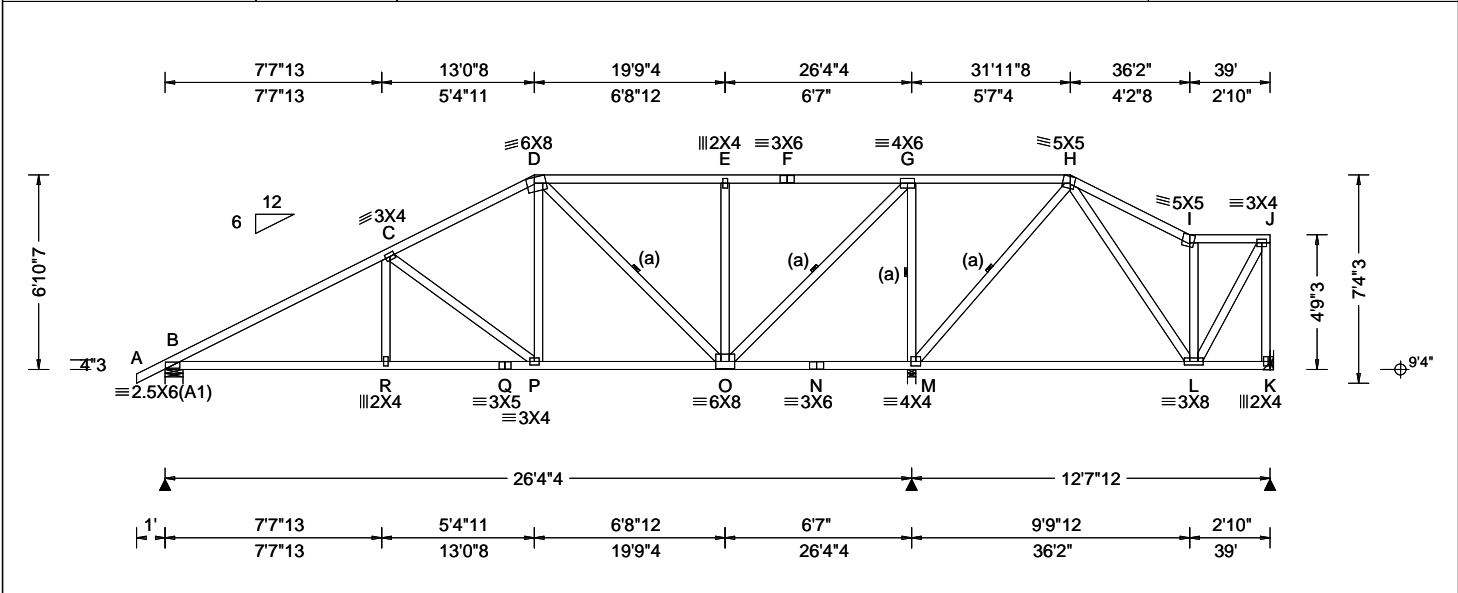


COA #0248
 Florida Certificate of Product Approval #FL1999
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SEQN: 52311 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A05	Cust: R215 JRef: 1YGY2150003 T5 DrwNo: 020.26.1114.25863 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.047 P 999 240 VERT(CL): 0.124 R 999 180 HORZ(LL): 0.016 C - - HORZ(TL): 0.042 O - - Creep Factor: 2.0 Max TC CSI: 0.983 Max BC CSI: 0.724 Max Web CSI: 0.646 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1286</td> <td>-</td> <td>-</td> <td>/871</td> <td>/232</td> <td>/180</td> </tr> <tr> <td>M</td> <td>2665</td> <td>-</td> <td>-</td> <td>/1658</td> <td>/554</td> <td>-</td> </tr> <tr> <td>K</td> <td>371</td> <td>-8</td> <td>-</td> <td>/185</td> <td>/45</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) M Brg Wid = 3.5 Min Req = 2.8 (Truss) K Brg Wid = - Min Req = - Bearings B & M are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>528 -1946</td> <td>E - F</td> <td>284 -527</td> </tr> <tr> <td>C - D</td> <td>457 -1265</td> <td>F - G</td> <td>284 -527</td> </tr> <tr> <td>D - E</td> <td>284 -528</td> <td>G - H</td> <td>757 -224</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1286	-	-	/871	/232	/180	M	2665	-	-	/1658	/554	-	K	371	-8	-	/185	/45	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	528 -1946	E - F	284 -527	C - D	457 -1265	F - G	284 -527	D - E	284 -528	G - H	757 -224
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Lumber
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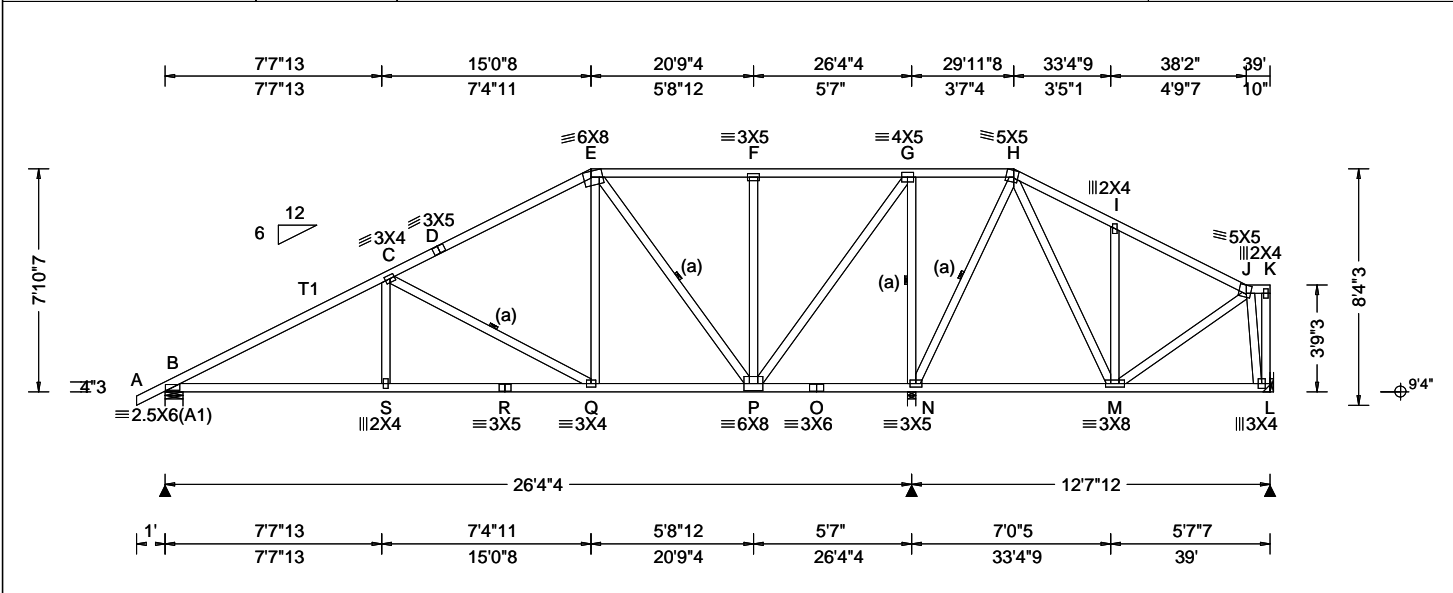
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SEQN: 52309 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A06	Cust: R215 JRef: 1YGY2150003 T20 DrwNo: 020.26.1114.35953 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCCL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.048 S 999 240 VERT(CL): 0.124 S 999 180 HORZ(LL): 0.018 C - - HORZ(TL): 0.047 C - - Creep Factor: 2.0 Max TC CSI: 0.515 Max BC CSI: 0.710 Max Web CSI: 0.973 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1281</td> <td>-</td> <td>-</td> <td>/872</td> <td>/115</td> <td>/208</td> </tr> <tr> <td>N</td> <td>2672</td> <td>-</td> <td>-</td> <td>/1695</td> <td>/349</td> <td>-</td> </tr> <tr> <td>L</td> <td>377</td> <td>-/20</td> <td>-</td> <td>/233</td> <td>/83</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) N Brg Wid = 3.5 Min Req = 2.8 (Truss) L Brg Wid = - Min Req = - Bearings B & N are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>497 -1957</td> <td>D - E</td> <td>378 -1001</td> </tr> <tr> <td>C - D</td> <td>356 -1069</td> <td>G - H</td> <td>686 -132</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1281	-	-	/872	/115	/208	N	2672	-	-	/1695	/349	-	L	377	-/20	-	/233	/83	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	497 -1957	D - E	378 -1001	C - D	356 -1069	G - H	686 -132
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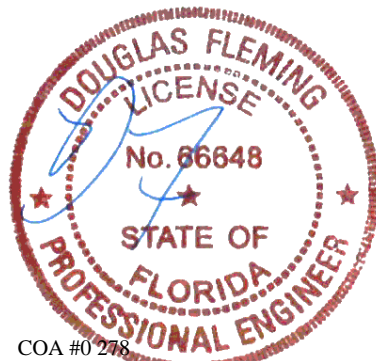
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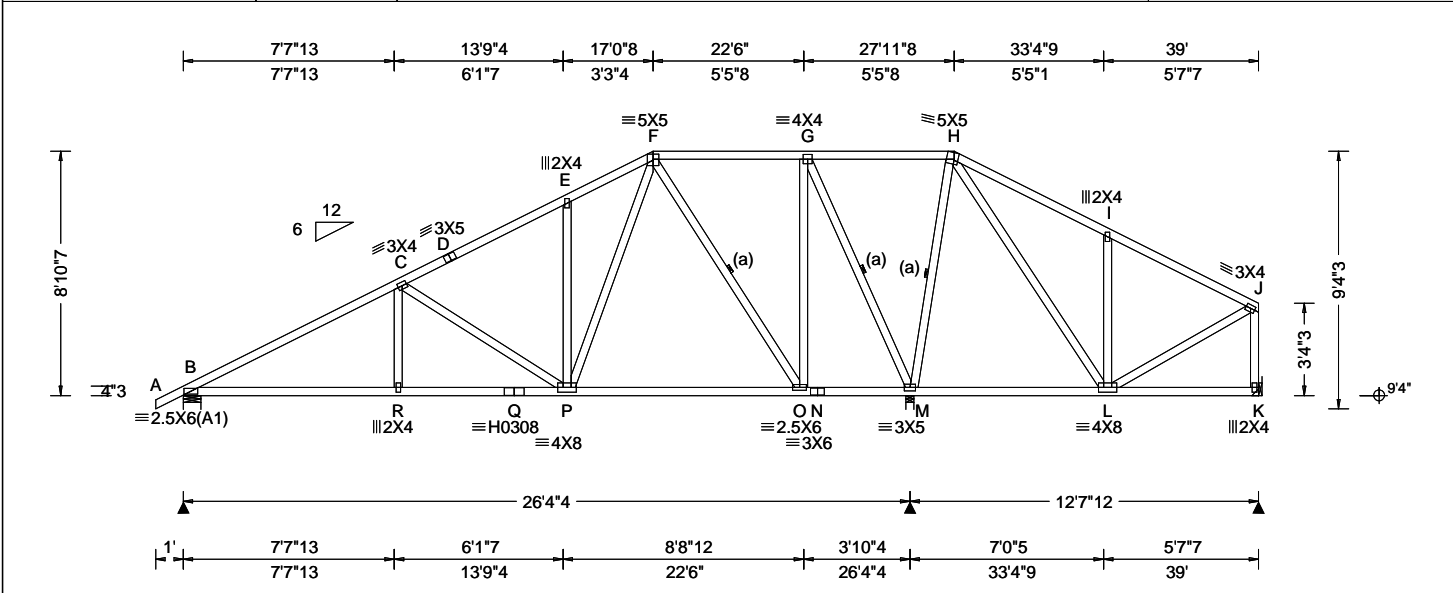


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SEQN: 52305 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A07	Cust: R215 JRref: 1YGY2150003 T30 DrwNo: 020.26.1114.44960 NW / DF 01/20/2026
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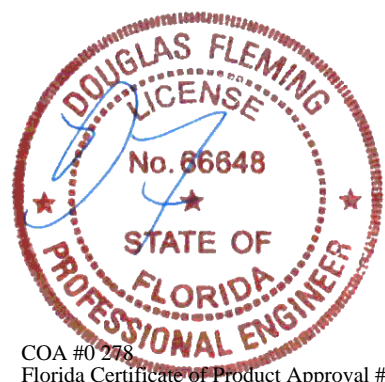
Loading Criteria (psf) TCLL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.048 E 999 240 VERT(CL): 0.126 E 999 180 HORZ(LL): 0.016 C - - HORZ(TL): 0.043 C - - Creep Factor: 2.0 Max TC CSI: 0.848 Max BC CSI: 0.714 Max Web CSI: 0.830 VIEW Ver: 24.02.00D.0114.11	Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1258</td> <td>-</td> <td>-</td> <td>/860</td> <td>/112</td> <td>/236</td> </tr> <tr> <td>M</td> <td>2710</td> <td>-</td> <td>-</td> <td>/1747</td> <td>/318</td> <td>-</td> </tr> <tr> <td>K</td> <td>371</td> <td>-40</td> <td>-</td> <td>/249</td> <td>/105</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) M Brg Wid = 3.5 Min Req = 2.8 (Truss) K Brg Wid = - Min Req = - Bearings B & M are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>447 -1892</td> <td>E - F</td> <td>454 -1048</td> </tr> <tr> <td>C - D</td> <td>340 -1122</td> <td>G - H</td> <td>685 -80</td> </tr> <tr> <td>D - E</td> <td>358 -1054</td> <td></td> <td></td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1258	-	-	/860	/112	/236	M	2710	-	-	/1747	/318	-	K	371	-40	-	/249	/105	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	447 -1892	E - F	454 -1048	C - D	340 -1122	G - H	685 -80	D - E	358 -1054		
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Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	

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

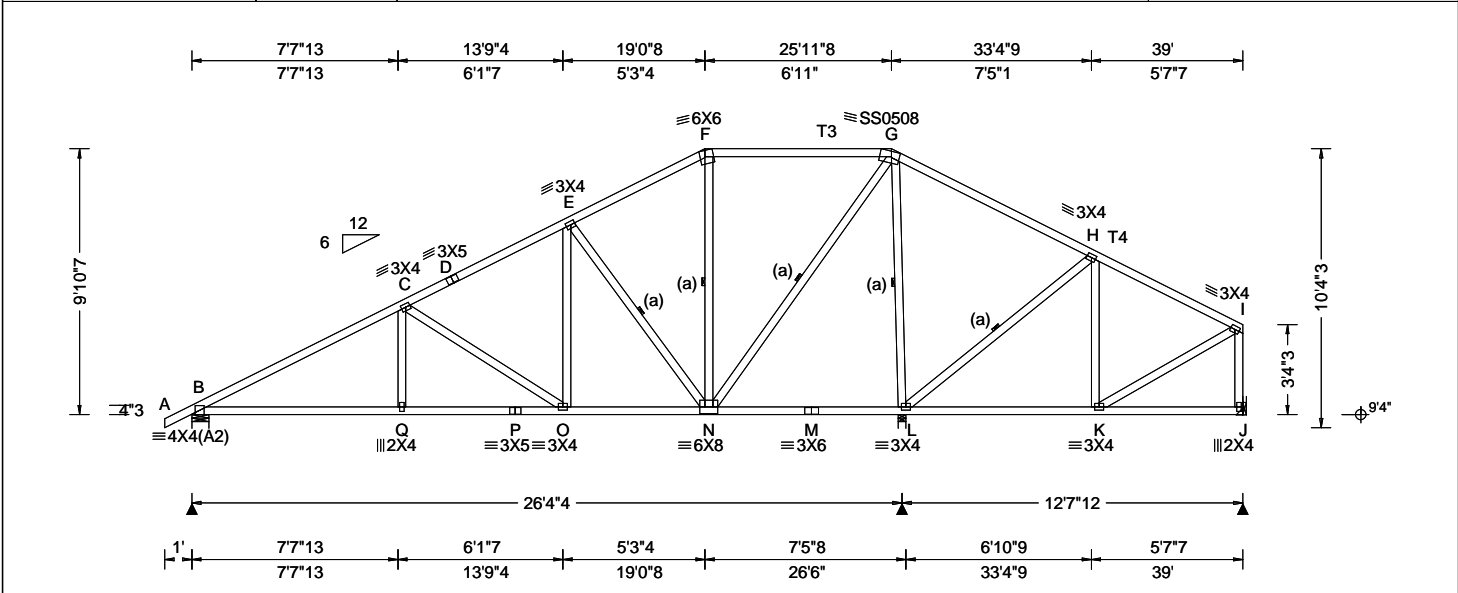


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SEQN: 52293 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A08	Cust: R 215 JRef: 1YGY2150003 T9 DrwNo: 020.26.1114.56130 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, 18SS	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.050 Q 999 240 VERT(CL): 0.132 Q 999 180 HORZ(LL): 0.017 C - - HORZ(TL): 0.045 C - - Creep Factor: 2.0 Max TC CSI: 0.870 Max BC CSI: 0.716 Max Web CSI: 0.956 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1296</td> <td>-</td> <td>-</td> <td>/883</td> <td>/120</td> <td>/263</td> </tr> <tr> <td>L</td> <td>2634</td> <td>-</td> <td>-</td> <td>/1720</td> <td>/255</td> <td>-</td> </tr> <tr> <td>J</td> <td>379</td> <td>-</td> <td>-</td> <td>/260</td> <td>/101</td> <td>-</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1296	-	-	/883	/120	/263	L	2634	-	-	/1720	/255	-	J	379	-	-	/260	/101	-
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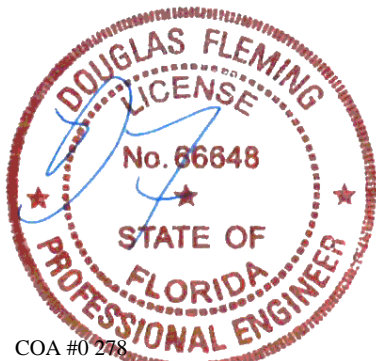
Wind
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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - Q	1653 -458	O - N	946 -252
Q - P	1650 -459	N - M	188 -438
P - O	1650 -459	M - L	188 -438

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - O	255 -828	N - G	1461 -459
O - E	571 -109	G - L	624 -1979
E - N	275 -874	L - H	285 -780

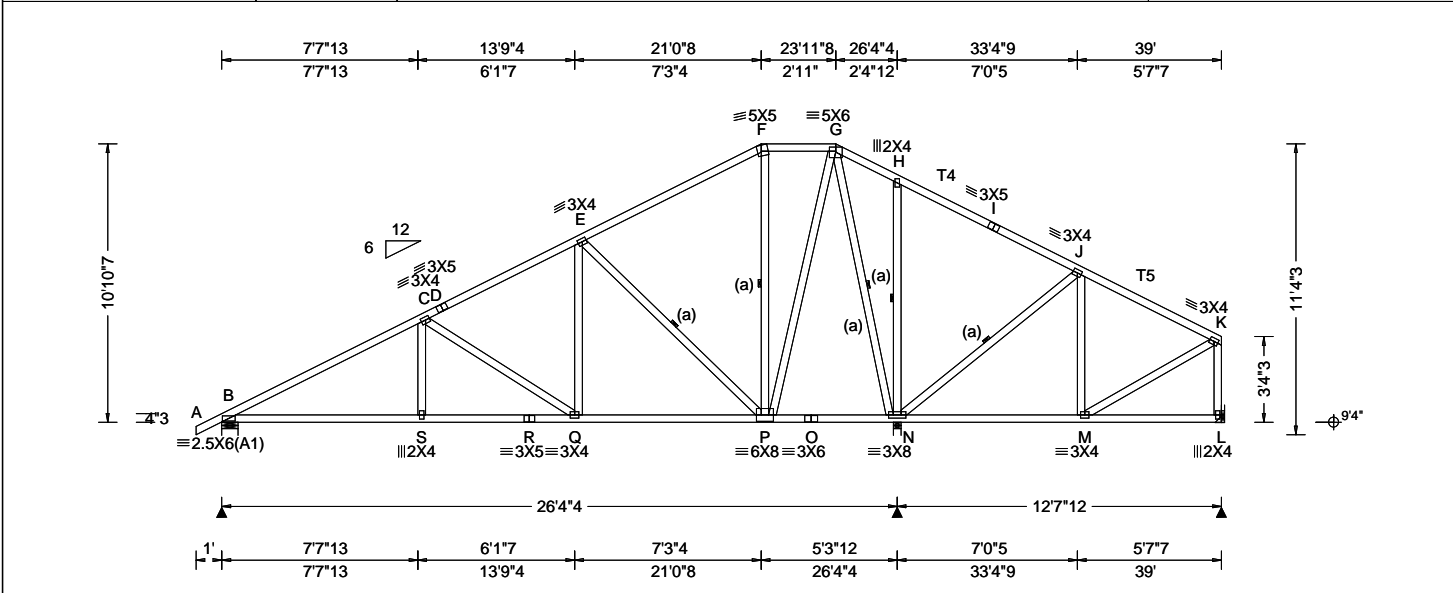


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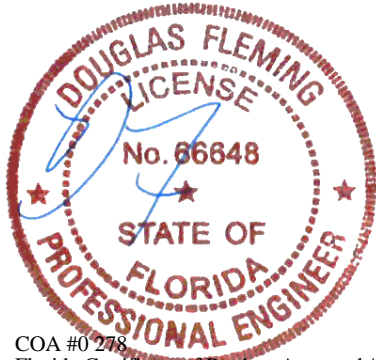


SEQN: 52291 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A09	Cust: R215 JRef: 1YGY2150003 T15 DrwNo: 020.26.1115.06630 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.109 S 999 240 VERT(CL): 0.125 S 999 180 HORZ(LL): 0.038 C - - HORZ(TL): 0.048 C - - Creep Factor: 2.0 Max TC CSI: 0.965 Max BC CSI: 0.722 Max Web CSI: 0.990 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1275</td> <td>-</td> <td>-</td> <td>/871</td> <td>/99</td> <td>/290</td> </tr> <tr> <td>N</td> <td>2698</td> <td>-</td> <td>-</td> <td>/1751</td> <td>/222</td> <td>-</td> </tr> <tr> <td>L</td> <td>349</td> <td>-/3</td> <td>-</td> <td>/230</td> <td>/78</td> <td>-</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1275	-	-	/871	/99	/290	N	2698	-	-	/1751	/222	-	L	349	-/3	-	/230	/78	-
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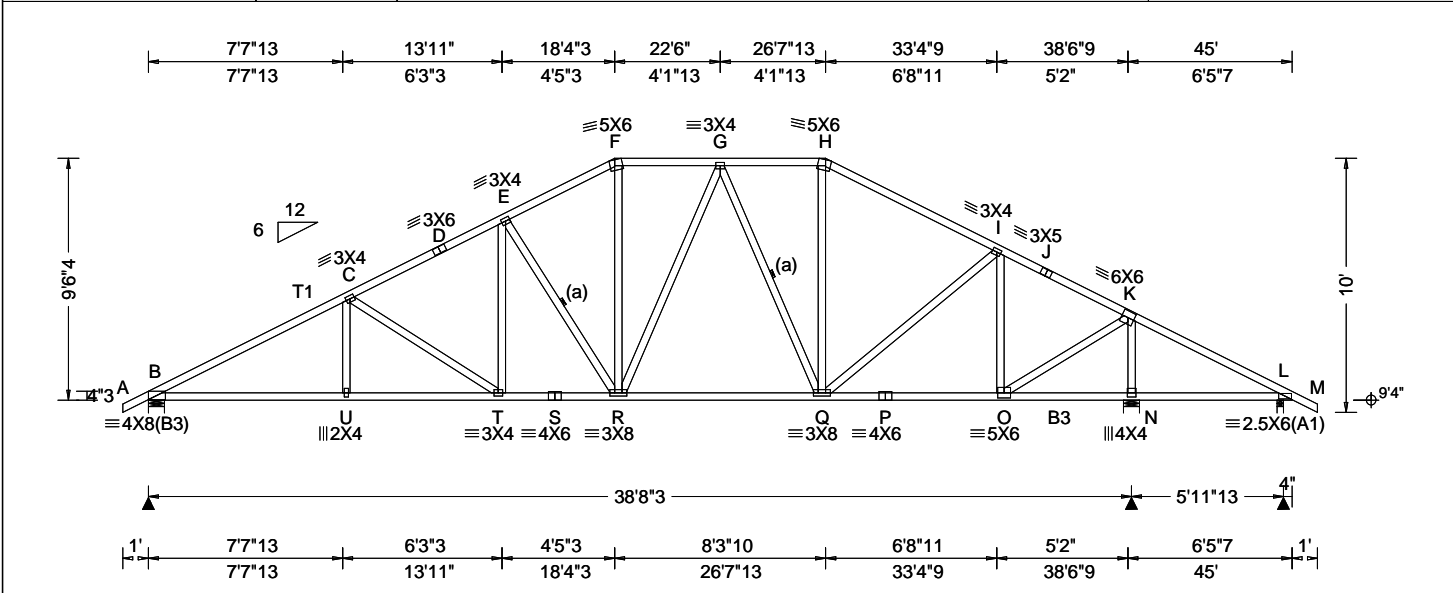


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 For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 52301 FROM:	COMN Ply: 1 Qty: 4	Job Number: 26-3431 12-305 PERIN Truss Label: A10	Cust: R215 JRRef: 1YGY2150003 T34 DrwNo: 020.26.1116.08797 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.06 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.123 T 999 240 VERT(CL): 0.294 T 999 180 HORZ(LL): 0.043 O - - HORZ(TL): 0.104 O - - Creep Factor: 2.0 Max TC CSI: 0.805 Max BC CSI: 0.485 Max Web CSI: 0.877 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2160</td> <td>-</td> <td>-</td> <td>/1410</td> <td>/142</td> <td>/304</td> </tr> <tr> <td>N</td> <td>2851</td> <td>-</td> <td>-</td> <td>/1714</td> <td>/155</td> <td>-</td> </tr> <tr> <td>L</td> <td>279</td> <td>-82</td> <td>-</td> <td>/157</td> <td>/94</td> <td>-</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	2160	-	-	/1410	/142	/304	N	2851	-	-	/1714	/155	-	L	279	-82	-	/157	/94	-
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Lumber
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 Bot chord: 2x4 SP M-31; B3 2x4 SP #2;
 Webs: 2x4 SP #3;

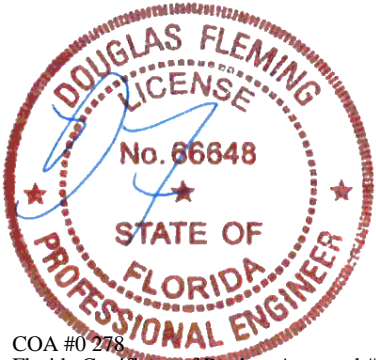
Bracing
 (a) Continuous lateral restraint equally spaced on member.

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

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

Wind
 Wind loads based on MWFRS with additional C&C member design.
 Right cantilever is not exposed to wind
 Wind loading based on both gable and hip roof types.

Additional Notes
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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	3315 -686	Q - P	1506 -222
U - T	3311 -687	P - O	1506 -222
T - S	2644 -489	O - N	143 -495
S - R	2644 -489	N - L	158 -561
R - Q	2126 -299		

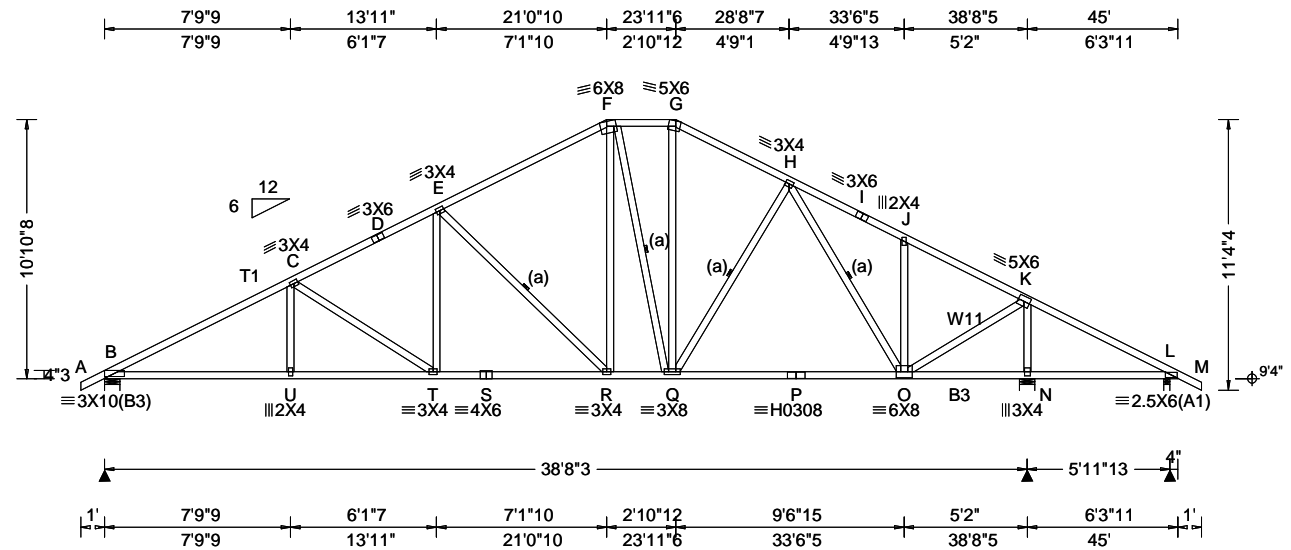
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - T	248 -786	Q - H	453 -111
T - E	531 -109	Q - I	535 -80
E - R	299 -826	I - O	259 -1104
F - R	750 -206	O - K	2303 -399
G - Q	191 -551	K - N	600 -2687

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SEQN: 52219 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A11	Cust: R215 JRef: 1YGY2150003 T13 DrwNo: 020.26.1116.11810 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCCL: 0.00 BCCL: 10.00 Des Ld: 50.00 NCBCCL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCCL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.109 T 999 240 VERT(CL): 0.281 T 999 180 HORZ(LL): 0.038 O - - HORZ(TL): 0.100 O - - Creep Factor: 2.0 Max TC CSI: 0.777 Max BC CSI: 0.757 Max Web CSI: 0.742 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Loc R+ / R- / Rh / Rw / U / RL B 2073 - / - / /1407 /155 /291 N 2665 - / - / /1728 /185 - L 299 - /73 - / /141 /80 - Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.7 (Truss) N Brg Wid = 7.6 Min Req = 3.1 (Truss) L Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings B, N, & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
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Lumber Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP M-31; B3 2x4 SP #2; Webs: 2x4 SP #3; W11 2x4 SP #2;	B - C 867 -3642 G - H 673 -1949 C - D 788 -2933 H - I 537 -1504 D - E 799 -2797 I - J 524 -1573 E - F 691 -2105 J - K 445 -1601 F - G 648 -1660 K - L 684 -133
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Bracing (a) Continuous lateral restraint equally spaced on member.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - U 3134 -685 Q - P 1667 -275 U - T 3131 -686 P - O 1667 -275 T - S 2502 -502 O - N 178 -481 S - R 2502 -502 N - L 194 -542 R - Q 1757 -265
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Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - T 235 -739 Q - G 573 -204 T - E 608 -88 H - O 149 -688 E - R 335 -1052 O - J 164 -397 F - R 795 -213 O - K 2114 -440 F - Q 192 -413 K - N 651 -2514
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Wind
 Wind loads based on MWFRS with additional C&C member design.
 Right cantilever is not exposed to wind
 Wind loading based on both gable and hip roof types.

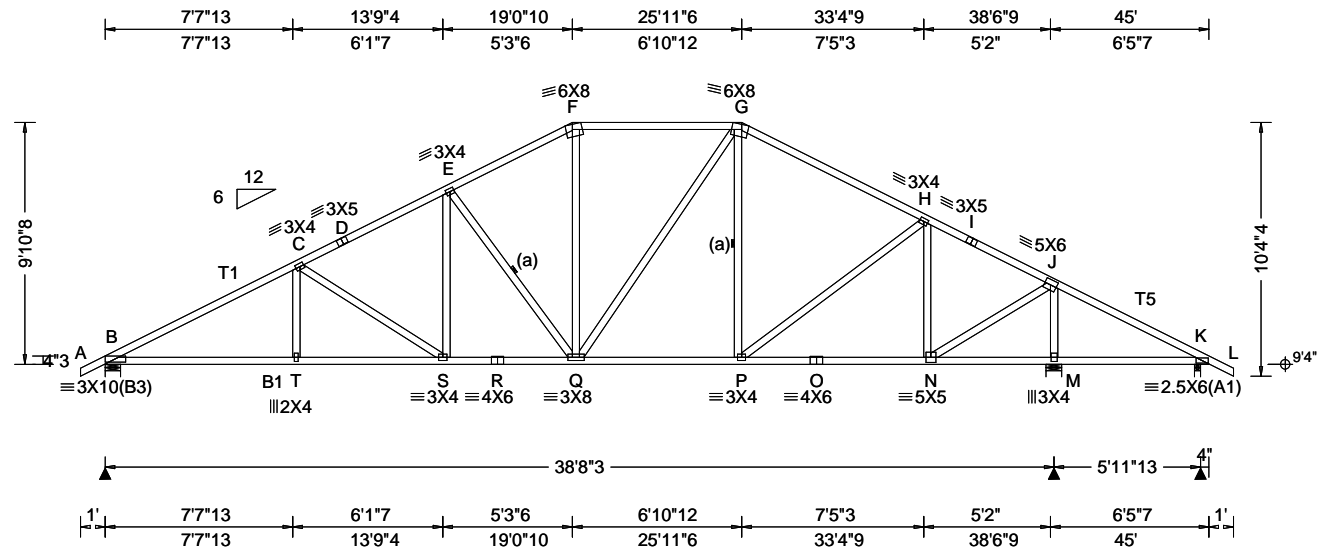
Additional Notes
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 Florida Certificate of Product Approval #FL1999
 01/20/2026

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

SEQN: 52297 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A12	Cust: R215 JRef: 1YGY2150003 T19 DrwNo: 020.26.1116.15457 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.109 S 999 240 VERT(CL): 0.282 S 999 180 HORZ(LL): 0.040 N - - HORZ(TL): 0.105 N - - Creep Factor: 2.0 Max TC CSI: 0.830 Max BC CSI: 0.682 Max Web CSI: 0.814 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2071</td> <td>-</td> <td>-</td> <td>/1399</td> <td>/163</td> <td>/264</td> </tr> <tr> <td>M</td> <td>2684</td> <td>-</td> <td>-</td> <td>/1725</td> <td>/177</td> <td>-</td> </tr> <tr> <td>K</td> <td>281</td> <td>-86</td> <td>-</td> <td>/135</td> <td>/94</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.7 (Truss) M Brg Wid = 7.6 Min Req = 3.2 (Truss) K Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings B, M, & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>958 -3646</td> <td>G - H</td> <td>723 -2054</td> </tr> <tr> <td>C - D</td> <td>869 -2913</td> <td>H - I</td> <td>510 -1434</td> </tr> <tr> <td>D - E</td> <td>887 -2846</td> <td>I - J</td> <td>502 -1559</td> </tr> <tr> <td>E - F</td> <td>813 -2272</td> <td>J - K</td> <td>715 -132</td> </tr> <tr> <td>F - G</td> <td>788 -1956</td> <td></td> <td></td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	2071	-	-	/1399	/163	/264	M	2684	-	-	/1725	/177	-	K	281	-86	-	/135	/94	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	958 -3646	G - H	723 -2054	C - D	869 -2913	H - I	510 -1434	D - E	887 -2846	I - J	502 -1559	E - F	813 -2272	J - K	715 -132	F - G	788 -1956		
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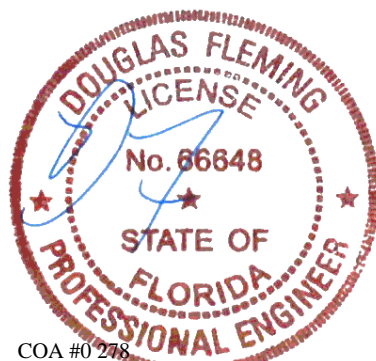
Lumber
 Top chord: 2x4 SP #2; T1,T5 2x4 SP M-31;
 Bot chord: 2x4 SP #2; B1 2x4 SP M-31;
 Webs: 2x4 SP #3;

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

Purlins
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 01/20/2026

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	3141 -775	P - O	1348 -281
T - S	3138 -775	O - N	1348 -281
S - R	2473 -580	N - M	176 -509
R - Q	2473 -580	M - K	194 -571
Q - P	1713 -327		

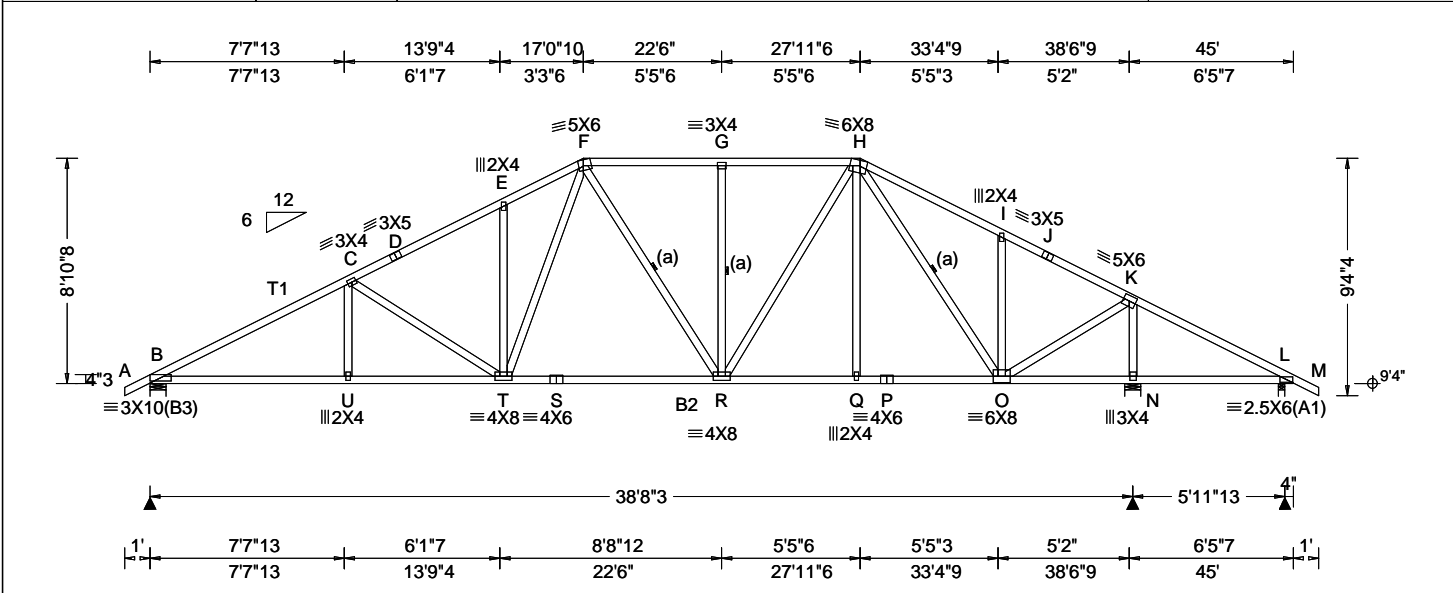
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - S	247 -782	P - H	479 -96
S - E	563 -104	H - N	325 -1058
E - Q	287 -883	N - J	2136 -509
F - Q	529 -119	J - M	703 -2526
Q - G	435 -158		

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SEQN: 52303 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A13	Cust: R 215 JRref: 1YGY2150003 T26 DrwNo: 020.26.1116.18540 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.119 E 999 240 VERT(CL): 0.308 E 999 180 HORZ(LL): 0.045 O - - HORZ(TL): 0.118 O - - Creep Factor: 2.0 Max TC CSI: 0.701 Max BC CSI: 0.897 Max Web CSI: 0.813 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2069</td> <td>-</td> <td>-</td> <td>/1391</td> <td>/168</td> <td>/236</td> </tr> <tr> <td>N</td> <td>2696</td> <td>-</td> <td>-</td> <td>/1718</td> <td>/190</td> <td>-</td> </tr> <tr> <td>L</td> <td>281</td> <td>-/100</td> <td>-</td> <td>/131</td> <td>/84</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 2.4 (Truss) N Brg Wid = 7.6 Min Req = 3.2 (Truss) L Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings B, N, & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>1013 -3641</td> <td>G - H</td> <td>855 -2111</td> </tr> <tr> <td>C - D</td> <td>917 -2905</td> <td>H - I</td> <td>651 -1562</td> </tr> <tr> <td>D - E</td> <td>934 -2837</td> <td>I - J</td> <td>529 -1440</td> </tr> <tr> <td>E - F</td> <td>1038 -2835</td> <td>J - K</td> <td>522 -1564</td> </tr> <tr> <td>F - G</td> <td>854 -2111</td> <td>K - L</td> <td>734 -183</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	2069	-	-	/1391	/168	/236	N	2696	-	-	/1718	/190	-	L	281	-/100	-	/131	/84	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	1013 -3641	G - H	855 -2111	C - D	917 -2905	H - I	651 -1562	D - E	934 -2837	I - J	529 -1440	E - F	1038 -2835	J - K	522 -1564	F - G	854 -2111	K - L	734 -183
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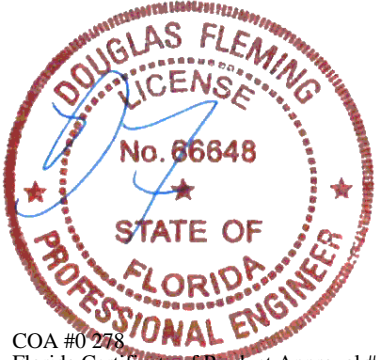
Lumber Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP #2; B2 2x4 SP M-31; Webs: 2x4 SP #3;	Maximum Bot Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - U</td> <td>3137 -824</td> <td>Q - P</td> <td>1685 -361</td> </tr> <tr> <td>U - T</td> <td>3134 -825</td> <td>P - O</td> <td>1685 -361</td> </tr> <tr> <td>T - S</td> <td>2136 -514</td> <td>O - N</td> <td>219 -526</td> </tr> <tr> <td>S - R</td> <td>2136 -514</td> <td>N - L</td> <td>238 -588</td> </tr> <tr> <td>R - Q</td> <td>1687 -360</td> <td></td> <td></td> </tr> </tbody> </table>	Chords	Tens.Comp.	Chords	Tens. Comp.	B - U	3137 -824	Q - P	1685 -361	U - T	3134 -825	P - O	1685 -361	T - S	2136 -514	O - N	219 -526	S - R	2136 -514	N - L	238 -588	R - Q	1687 -360		
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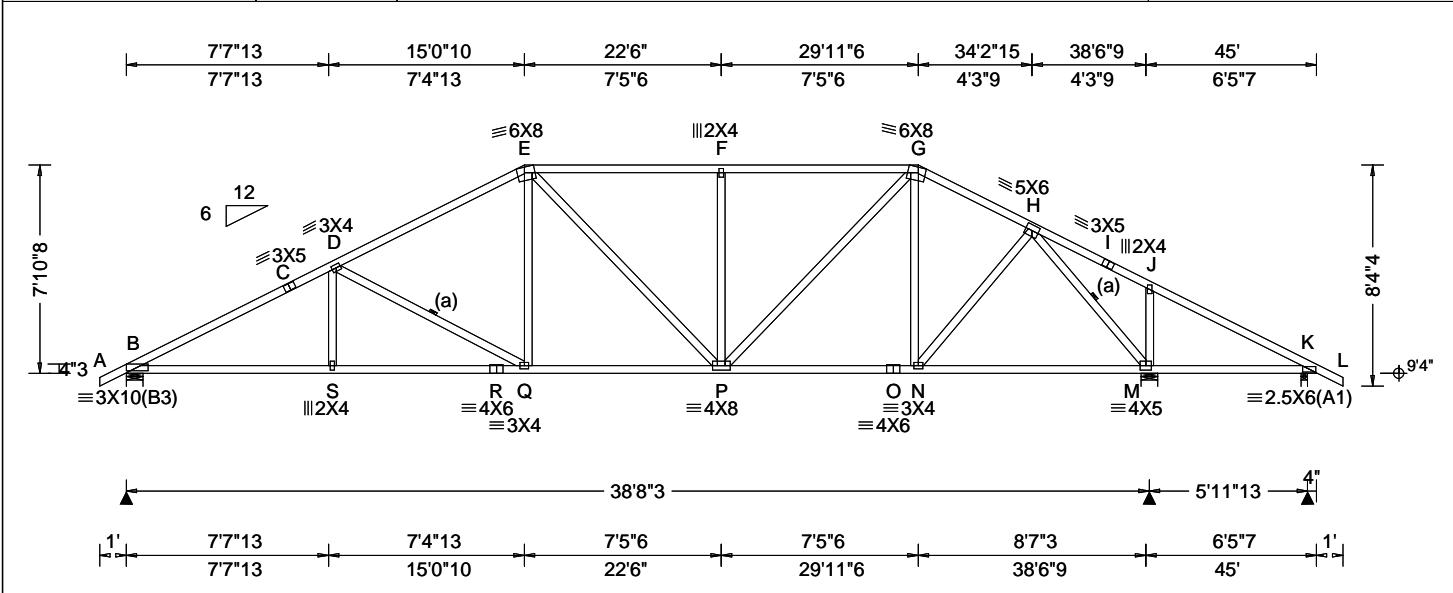


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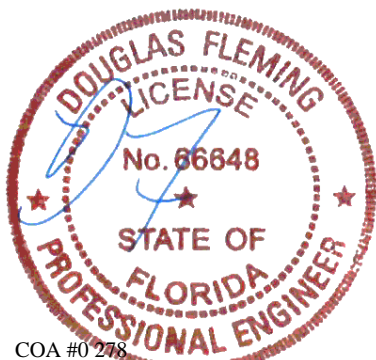


SEQN: 52313 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A14	Cust: R 215 JRef: 1YGY2150003 T17 DrwNo: 020.26.1116.21323 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.100 Q 999 240 VERT(CL): 0.259 Q 999 180 HORZ(LL): 0.039 M - - HORZ(TL): 0.102 M - - Creep Factor: 2.0 Max TC CSI: 0.408 Max BC CSI: 0.367 Max Web CSI: 0.815 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2065</td> <td>-</td> <td>-</td> <td>/1377</td> <td>/174</td> <td>/208</td> </tr> <tr> <td>M</td> <td>2660</td> <td>-</td> <td>-</td> <td>/1691</td> <td>/184</td> <td>-</td> </tr> <tr> <td>K</td> <td>288</td> <td>-48</td> <td>-</td> <td>/147</td> <td>/83</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.7 (Truss) M Brg Wid = 7.6 Min Req = 2.2 (Truss) K Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings B, M, & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>1036 -3641</td> <td>G - H</td> <td>710 -1888</td> </tr> <tr> <td>C - D</td> <td>1043 -3425</td> <td>H - I</td> <td>632 -58</td> </tr> <tr> <td>D - E</td> <td>942 -2801</td> <td>I - J</td> <td>525 -65</td> </tr> <tr> <td>E - F</td> <td>950 -2403</td> <td>J - K</td> <td>607 -151</td> </tr> <tr> <td>F - G</td> <td>950 -2403</td> <td></td> <td></td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	2065	-	-	/1377	/174	/208	M	2660	-	-	/1691	/184	-	K	288	-48	-	/147	/83	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	1036 -3641	G - H	710 -1888	C - D	1043 -3425	H - I	632 -58	D - E	942 -2801	I - J	525 -65	E - F	950 -2403	J - K	607 -151	F - G	950 -2403		
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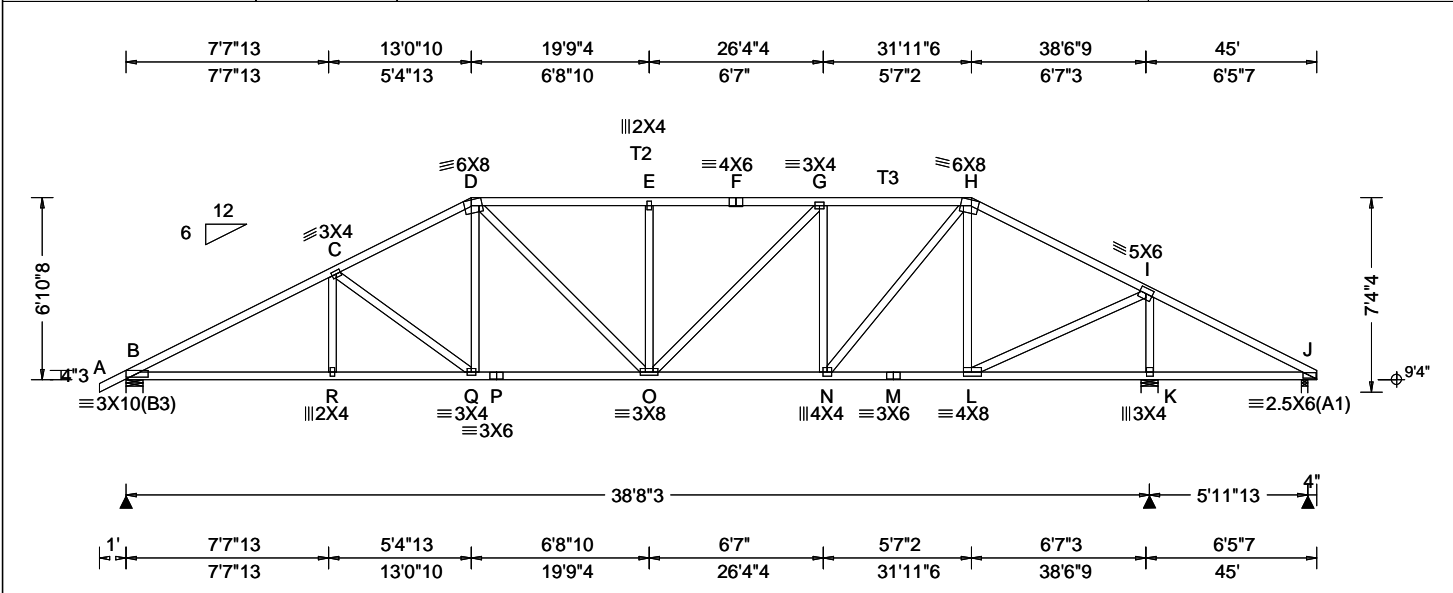
COA #0 278
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SEQN: 52316 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A15	Cust: R 215 JRef: 1YGY2150003 T12 DrwNo: 020.26.1116.24390 NW / DF 01/20/2026
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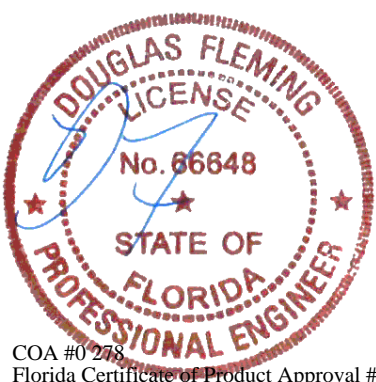
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Additional Notes
 Negative reaction(s) of -235# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.
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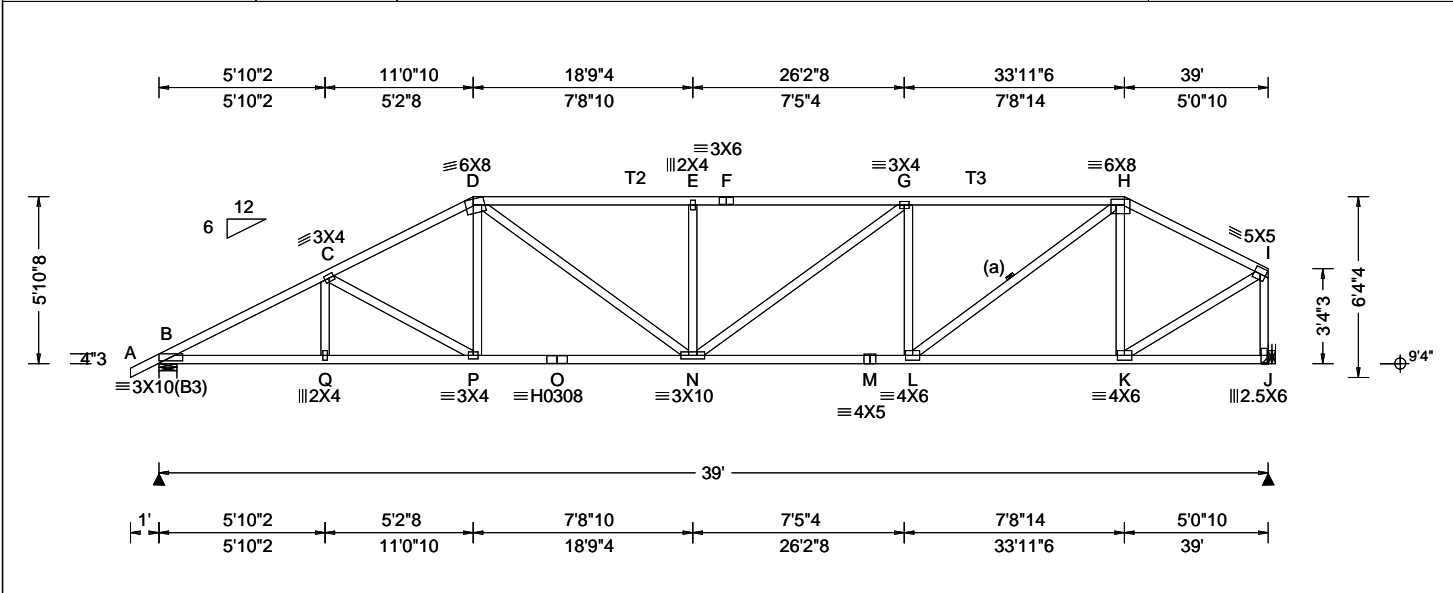


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SEQN: 52323 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A16	Cust: R 215 JRef: 1YGY2150003 T32 DrwNo: 020.26.1116.37910 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.396 E 999 240 VERT(CL): 0.283 E 999 180 HORZ(LL): 0.135 J - - - HORZ(TL): 0.159 J - - - Creep Factor: 2.0 Max TC CSI: 0.604 Max BC CSI: 0.932 Max Web CSI: 0.737 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2136</td> <td>-</td> <td>-</td> <td>/1383</td> <td>/416</td> <td>/155</td> </tr> <tr> <td>J</td> <td>2033</td> <td>-</td> <td>-</td> <td>/1248</td> <td>/405</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 2.5 (Truss) J Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>1358 -3866</td> <td>F - G</td> <td>1544 -3620</td> </tr> <tr> <td>C - D</td> <td>1311 -3352</td> <td>G - H</td> <td>1356 -3160</td> </tr> <tr> <td>D - E</td> <td>1545 -3620</td> <td>H - I</td> <td>774 -1940</td> </tr> <tr> <td>E - F</td> <td>1544 -3620</td> <td></td> <td></td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	2136	-	-	/1383	/416	/155	J	2033	-	-	/1248	/405	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	1358 -3866	F - G	1544 -3620	C - D	1311 -3352	G - H	1356 -3160	D - E	1545 -3620	H - I	774 -1940	E - F	1544 -3620		
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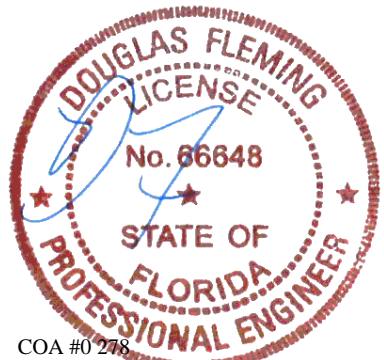
Lumber
 Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;

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

Hangers / Ties
 Hanger Support Required, by others

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

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.

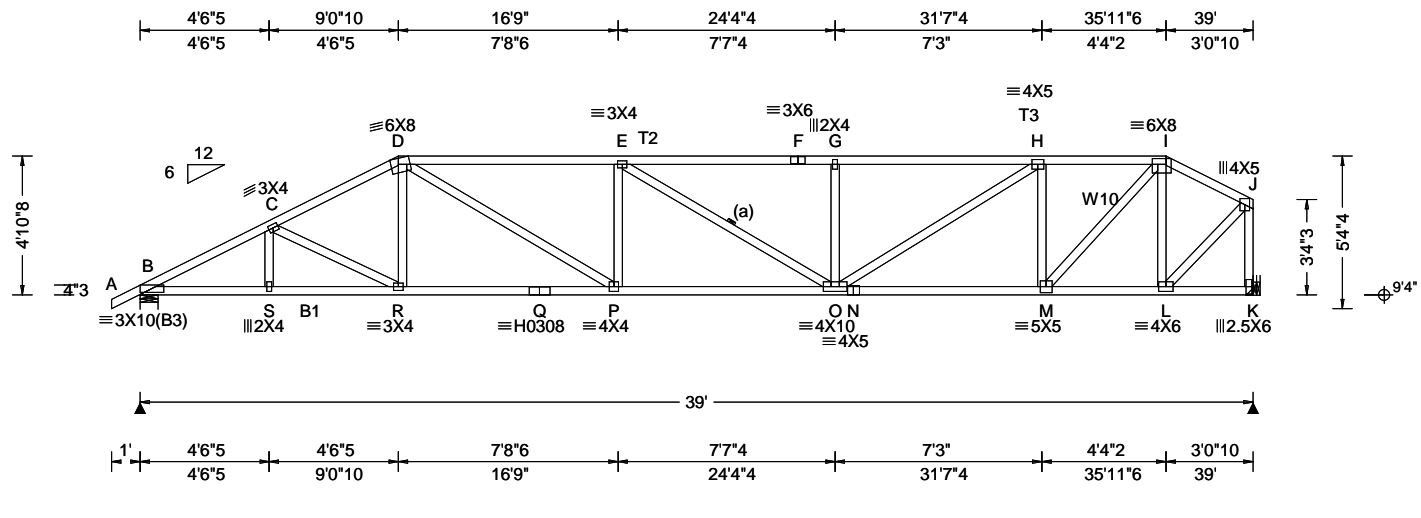


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SEQN: 52340 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A17	Cust: R 215 JRef: 1YGY2150003 T16 DrwNo: 020.26.1116.49140 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.90 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.210 E 999 240 VERT(CL): 0.547 E 852 180 HORZ(LL): 0.059 K - - HORZ(TL): 0.155 K - - Creep Factor: 2.0 Max TC CSI: 0.620 Max BC CSI: 0.947 Max Web CSI: 0.954 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 2136 -/ - /1361 /418 /128 K 2033 -/ - /1223 /408 -/ Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 2.5 (Truss) K Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
				B - C 1443 -3890 F - G 1787 -4142 C - D 1428 -3553 G - H 1787 -4142 D - E 1845 -4299 H - I 1168 -2675 E - F 1787 -4142 I - J 614 -1469

Lumber
 Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31;
 Bot chord: 2x4 SP M-31; B1 2x4 SP #2;
 Webs: 2x4 SP #3; W10 2x4 SP #2;

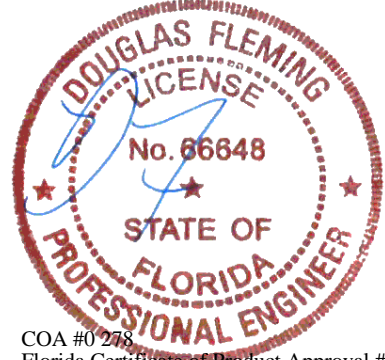
Bracing
 (a) Continuous lateral restraint equally spaced on member.

Hangers / Ties
 Hanger Support Required, by others

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

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.

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
B - S	3393 -1371	P - O	4334 -1813
S - R	3393 -1373	O - N	2765 -1151
R - Q	3122 -1283	N - M	2765 -1151
Q - P	3122 -1283	M - L	1269 -510
Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
D - R	388 -21	H - M	691 -1410
D - P	1375 -631	M - I	2080 -885
P - E	378 -559	I - L	524 -1193
G - O	372 -618	L - J	1783 -716
O - H	1640 -692	J - K	829 -2006

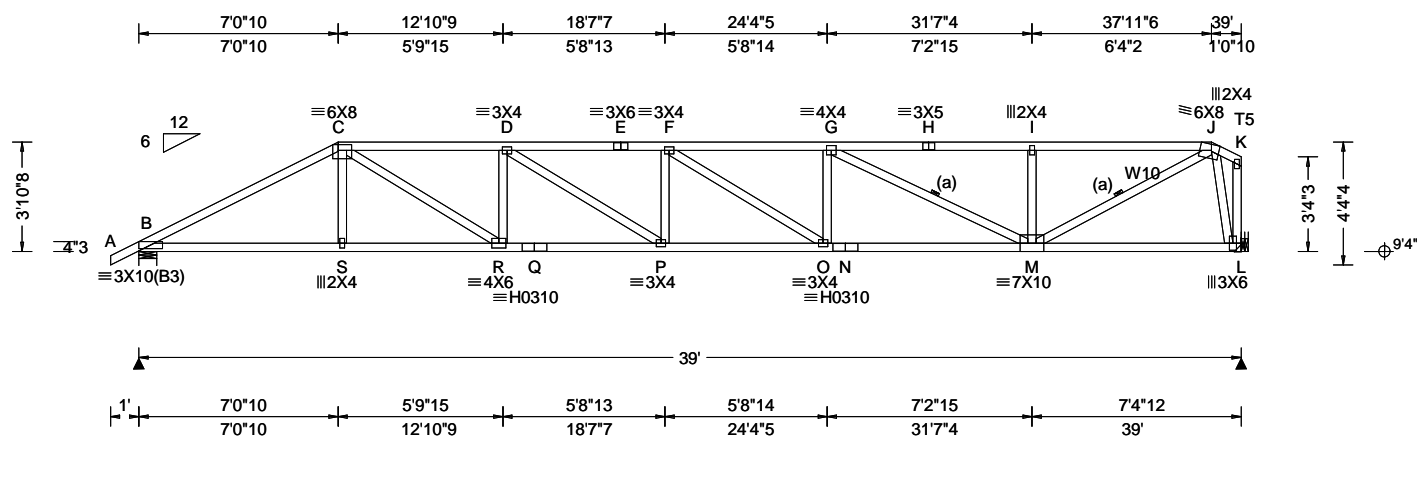


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SEQN: 52337 FROM:	HIPS Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A18	Cust: R215 JRef: 1YGY2150003 T10 DrwNo: 020.26.1116.58340 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.90 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.290 F 999 240 VERT(CL): 0.756 F 617 180 HORZ(LL): 0.066 L - - HORZ(TL): 0.172 L - - Creep Factor: 2.0 Max TC CSI: 0.437 Max BC CSI: 0.532 Max Web CSI: 0.767 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 2136 /- /- /1336 /420 /121 L 2033 /- /- /1195 /410 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.8 (Truss) L Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 1520 -3819 F - G 2268 -5263 C - D 2102 -4874 G - H 1525 -3533 D - E 2383 -5534 H - I 1525 -3533 E - F 2383 -5534 I - J 1525 -3534
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Lumber
 Top chord: 2x4 SP M-31; T5 2x4 SP #2;
 Bot chord: 2x4 SP M-31;
 Webs: 2x4 SP #3; W10 2x4 SP #2;

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

Hangers / Ties
 Hanger Support Required, by others

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

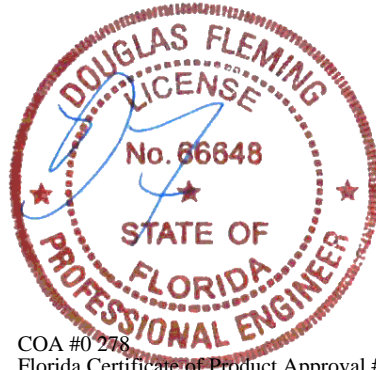
Wind
 Wind loads based on MWFRS with additional C&C member design.
 Right end vertical not exposed to wind pressure.
 Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - S	3302 -1410	P - O	5557 -2381
S - R	3307 -1408	O - N	5237 -2246
R - Q	4945 -2120	N - M	5237 -2246
Q - P	4945 -2120	M - L	572 -249

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - R	1850 -832	G - M	828 -1908
R - D	476 -880	I - M	387 -642
D - P	705 -308	M - J	3398 -1444
O - G	405 -48	J - L	878 -1996

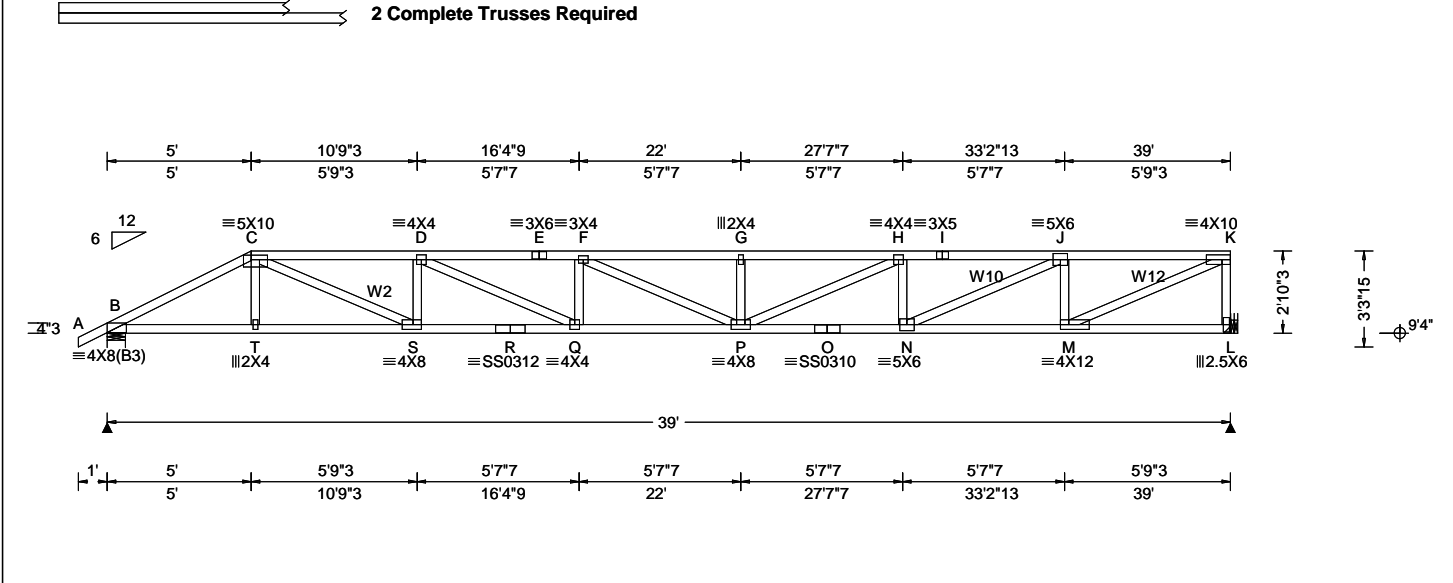


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SEQN: 52335 FROM:	HIPM Ply: 2 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: A19	Cust: R215 JRef: 1YGY2150003 T4 DrwNo: 020.26.1119.28430 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TC DL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TC DL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.90 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE, 18SS	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.491 G 949 240 VERT(CL): 1.243 G 375 180 HORZ(LL): 0.088 C - - HORZ(TL): 0.254 C - - Creep Factor: 2.0 Max TC CSI: 0.674 Max BC CSI: 0.776 Max Web CSI: 0.603 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>3871</td> <td>-</td> <td>-</td> <td>-</td> <td>/876</td> <td>-</td> </tr> <tr> <td>L</td> <td>3604</td> <td>-</td> <td>-</td> <td>-</td> <td>/837</td> <td>-</td> </tr> </tbody> </table> <p>Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.6 (Truss) L Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#</p>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	3871	-	-	-	/876	-	L	3604	-	-	-	/837	-
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Chords	Tens.Comp.	Chords	Tens. Comp.																																	
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E - F	1623 -7020	J - K	833 -3588																																	
F - G	1646 -7094																																			

Lumber
 Top chord: 2x4 SP M-31;
 Bot chord: 2x4 SP M-31;
 Webs: 2x4 SP #3; W2,W10 2x4 SP #2;
 W12 2x4 SP M-31;

Nailnote
 Nail Schedule: 0.131"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.

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

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

Maximum Bot Chord Forces Per Ply (lbs)

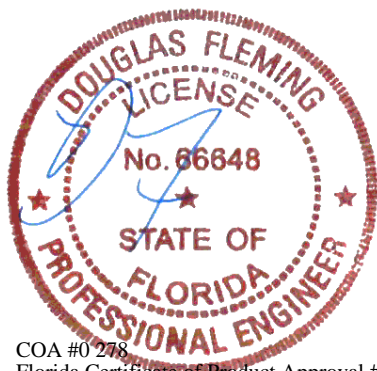
Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	3362 -764	Q - P	7063 -1639
T - S	3369 -762	P - O	5994 -1396
S - R	5907 -1367	O - N	5994 -1396
R - Q	5907 -1367	N - M	3753 -877

Special Loads
 -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
 TC: From 85 plf at -1.00 to 85 plf at 5.00
 TC: From 42 plf at 5.00 to 42 plf at 39.00
 BC: From 20 plf at 0.00 to 20 plf at 5.03
 BC: From 10 plf at 5.03 to 10 plf at 39.00
 TC: 485 lb Conc. Load at 5.03
 TC: 179 lb Conc. Load at 7.06, 9.06,11.06,13.06
 15.06,17.06,19.06,21.06,23.06,25.06,27.06,29.06
 31.06,33.06,35.06,37.06
 BC: 192 lb Conc. Load at 5.03
 BC: 97 lb Conc. Load at 7.06, 9.06,11.06,13.06
 15.06,17.06,19.06,21.06,23.06,25.06,27.06,29.06
 31.06,33.06,35.06,37.06

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - S	2670 -630	N - J	2376 -544
S - D	270 -934	J - M	392 -1457
D - Q	1235 -284	M - K	3923 -910
P - H	1215 -277	K - L	421 -1750
H - N	247 -871		

Hangers / Ties
 Hanger Support Required, by others

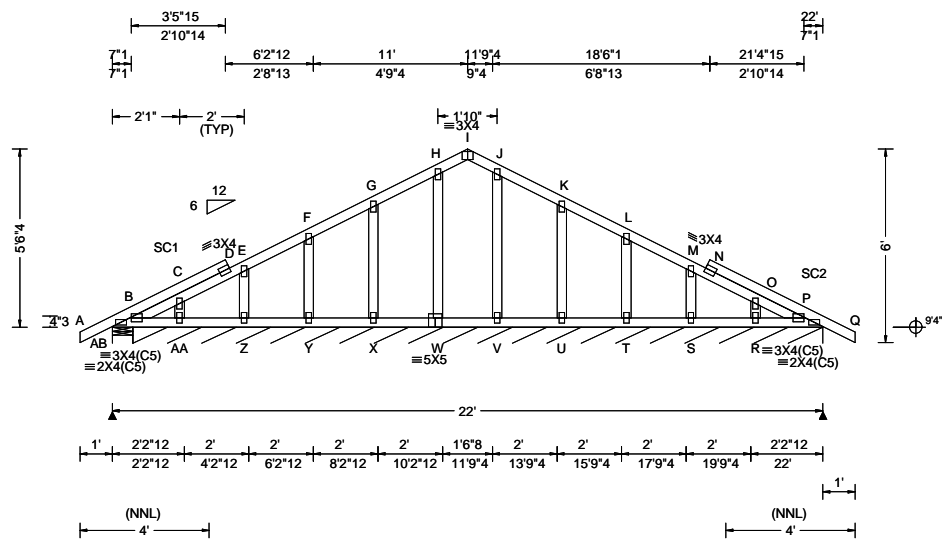


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SEQN: 52107 FROM:	GABL Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: B01	Cust: R215 JRef: 1YGY2150003 T1 DrwNo: 020.26.1119.31337 NW / DF 01/20/2026
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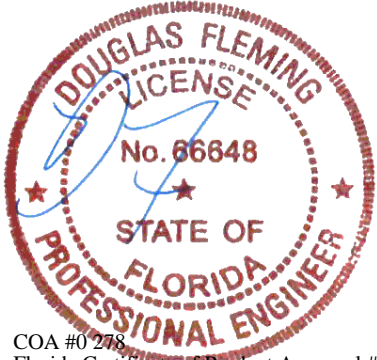
Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 I 999 240 VERT(CL): 0.003 I 999 180 HORZ(LL): 0.001 O - - HORZ(TL): 0.004 N - - Creep Factor: 2.0 Max TC CSI: 0.213 Max BC CSI: 0.032 Max Web CSI: 0.879 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs), or *=PLF <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>AB 303</td> <td>-</td> <td>-</td> <td>-</td> <td>/163</td> <td>/30</td> <td>/139</td> </tr> <tr> <td>P* 102</td> <td>-</td> <td>-</td> <td>-</td> <td>/63</td> <td>/20</td> <td>-</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	AB 303	-	-	-	/163	/30	/139	P* 102	-	-	-	/63	/20	-
				Loc		Gravity			Non-Gravity																						
R+	/R-	/Rh	/Rw		/U	/RL																									
AB 303	-	-	-	/163	/30	/139																									
P* 102	-	-	-	/63	/20	-																									
Wind reactions based on MWFRS AB Brg Wid = 7.6 Min Req = 1.5 (Truss) P Brg Wid = 256 Min Req = - Bearings AB & B are a rigid surface. Members not listed have forces less than 375#																															

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

Plating Notes
 All plates are 2X4 except as noted.

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/240.

Additional Notes
 Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.
 Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

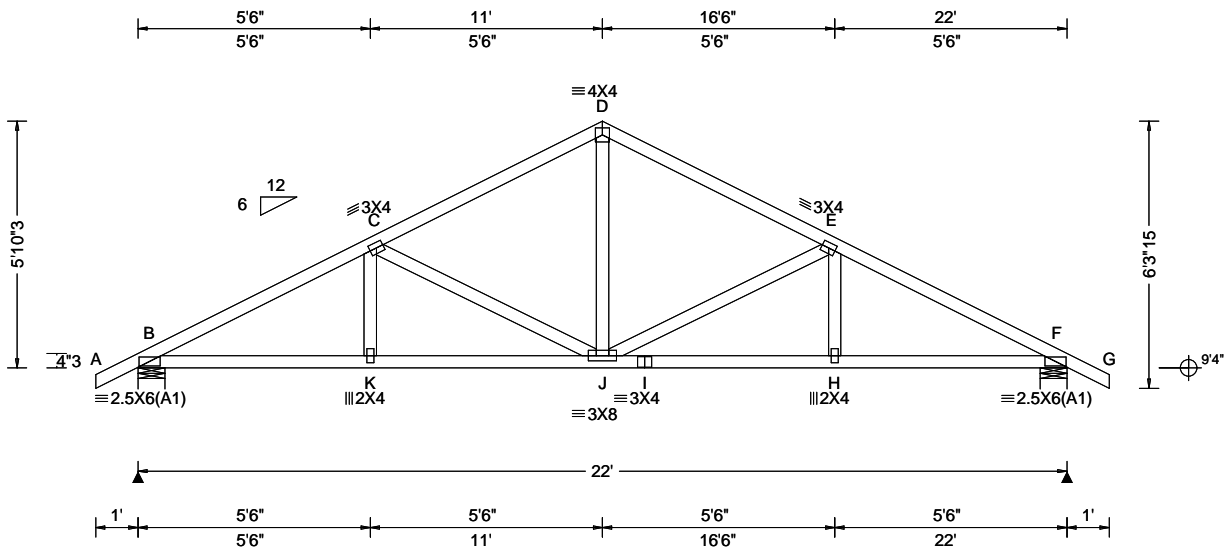


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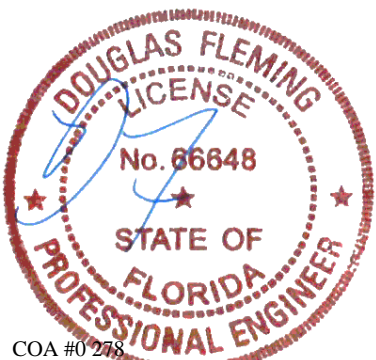
SEQN: 52109 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: B02	Cust: R 215 JRef: 1YGY2150003 T11 DrwNo: 020.26.1119.33623 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.088 J 999 240 VERT(CL): 0.132 J 999 180 HORZ(LL): 0.038 F - - HORZ(TL): 0.063 F - - Creep Factor: 2.0 Max TC CSI: 0.395 Max BC CSI: 0.496 Max Web CSI: 0.445 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1237 /- /- /794 /238 /142 F 1237 /- /- /794 /238 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) F Brg Wid = 7.6 Min Req = 1.5 (Truss) Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 707 -1987 D - E 568 -1386 C - D 568 -1386 E - F 707 -1987					
				Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - K 1695 -525 I - H 1693 -526 K - J 1693 -526 H - F 1695 -525 J - I 1693 -526 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - J 314 -615 J - E 314 -615 D - J 691 -252					

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.

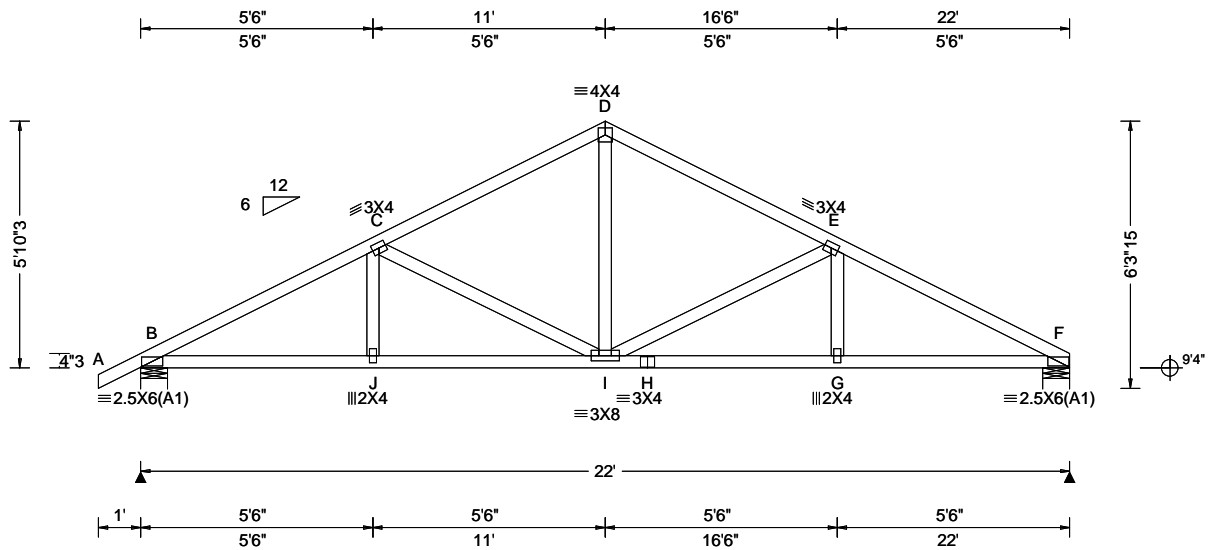


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SEQN: 52111 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: B03	Cust: R 215 JRef: 1YGY2150003 T33 DrwNo: 020.26.1119.35210 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCCL: 20.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.051 I 999 240 VERT(CL): 0.131 I 999 180 HORZ(LL): 0.023 F - - HORZ(TL): 0.058 F - - Creep Factor: 2.0 Max TC CSI: 0.409 Max BC CSI: 0.496 Max Web CSI: 0.457 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1239 - / - / - / 795 / 239 / 151 F 1149 - / - / - / 768 / 218 / - Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) F Brg Wid = 7.6 Min Req = 1.5 (Truss) Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
				B - C 485 -1993 D - E 410 -1392 C - D 408 -1391 E - F 494 -2006

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

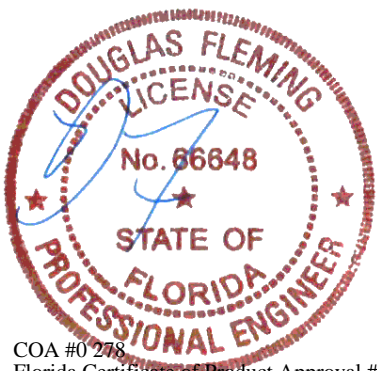
Wind
 Wind loads based on MWFRS with additional C&C member design.
 Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	1700 -391	H - G	1712 -379
J - I	1698 -392	G - F	1715 -378
I - H	1712 -379		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - I	220 -615	I - E	226 -631
D - I	698 -164		

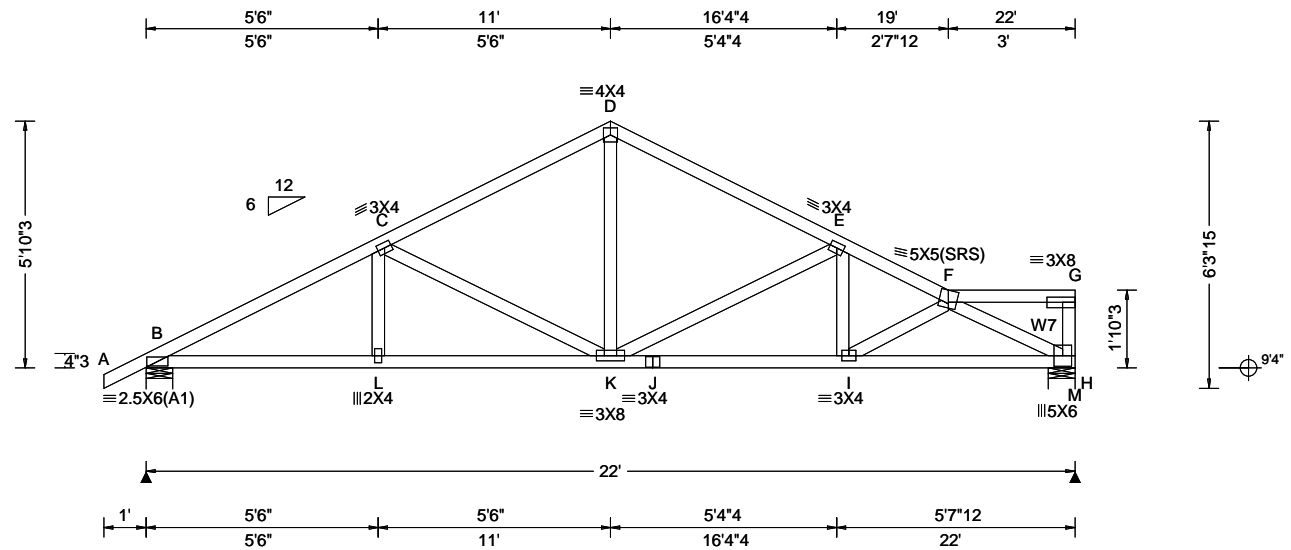


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SEQN: 52279 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: B04	Cust: R 215 JRRef: 1YGY2150003 T7 DrwNo: 020.26.1119.39600 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.053 K 999 240 VERT(CL): 0.139 K 999 180 HORZ(LL): 0.024 H - - HORZ(TL): 0.062 H - - Creep Factor: 2.0 Max TC CSI: 0.394 Max BC CSI: 0.532 Max Web CSI: 0.463 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1247 - / - / /802 /238 /151 M 1142 - / - / /716 /222 - / - Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) M Brg Wid = 7.6 Min Req = 1.5 (Truss) Bearings B & M are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
				B - C 500 -2008 D - E 425 - 1406 C - D 425 - 1410 E - F 547 - 1978

Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3; W7 2x4 SP #2;

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

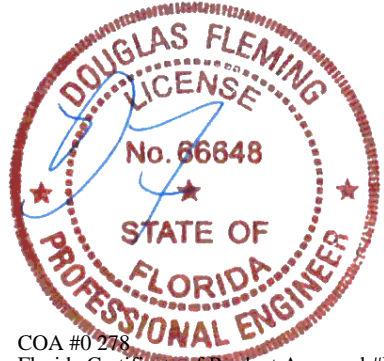
Wind
 Wind loads based on MWFRS with additional C&C member design.
 Right end vertical not exposed to wind pressure.
 Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - L	1714 -462	J - I	1736 -469
L - K	1711 -463	I - H	1878 -572
K - J	1736 -469		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - K	216 -611	K - E	245 -639
D - K	701 -173	F - H	638 -2098

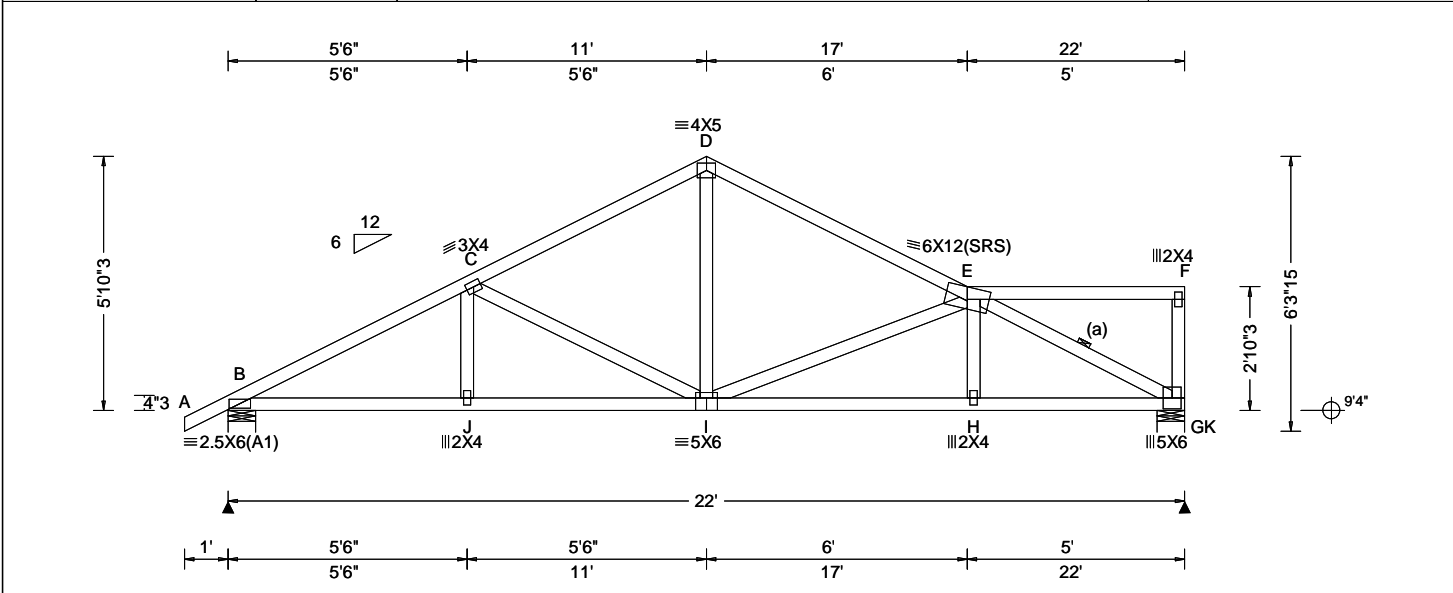


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SEQN: 52115 FROM:	SPEC Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: B05	Cust: R215 JRef: 1YGY2150003 T3 DrwNo: 020.26.1119.46700 NW / DF 01/20/2026
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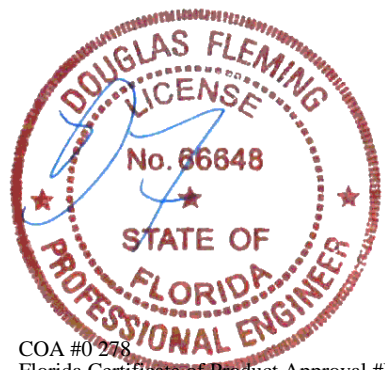
Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.054 I 999 240 VERT(CL): 0.140 I 999 180 HORZ(LL): 0.024 G - - HORZ(TL): 0.062 G - - Creep Factor: 2.0 Max TC CSI: 0.466 Max BC CSI: 0.542 Max Web CSI: 0.579 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1247 /- /- /806 /235 /151 K 1142 /- /- /696 /227 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) K Brg Wid = 7.6 Min Req = 1.5 (Truss) Bearings B & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 523 -2006 D - E 449 -1425 C - D 450 -1413					
				Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - J 1711 -521 I - H 1813 -626 J - I 1709 -522 H - G 1819 -624 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - I 214 -602 I - E 340 -693 D - I 688 -193 E - G 689 -2025					

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

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

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

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.

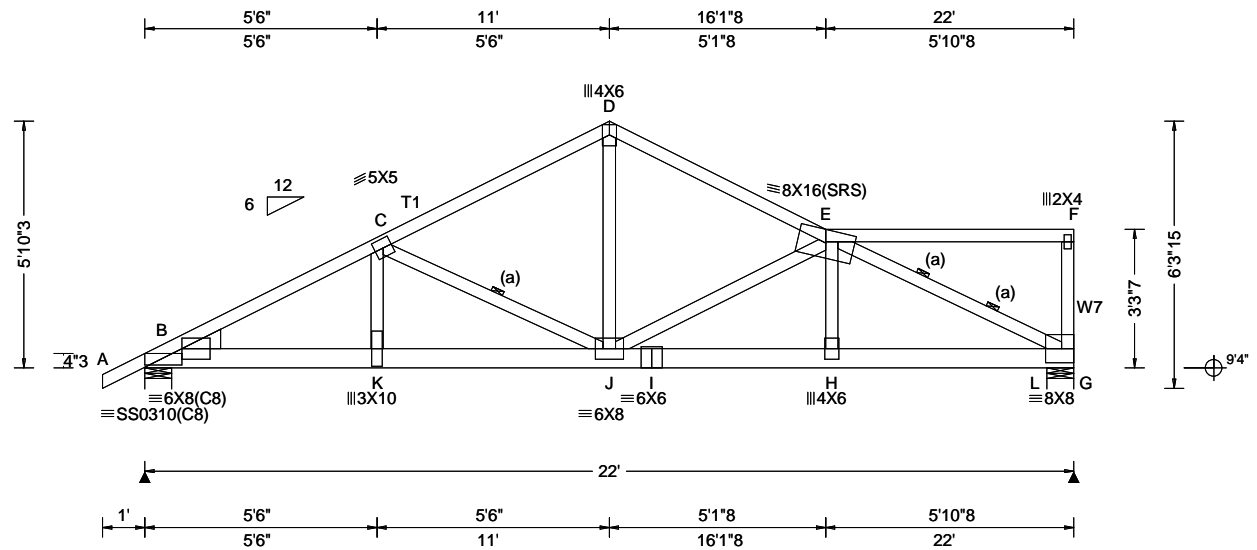


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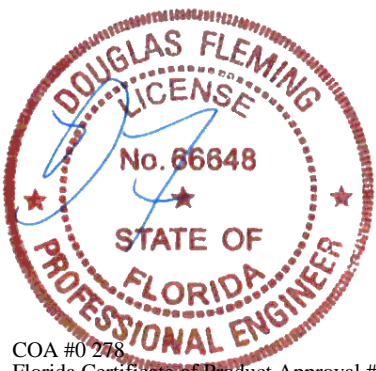
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SEQN: 52325 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: B06	Cust: R215 JRef: 1YGY2150003 T35 DrwNo: 020.26.1115.59527 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCDL: 20.00 BCLL: 0.00 BCCL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCCL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): 18SS, WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.113 J 999 240 VERT(CL): 0.283 J 926 180 HORZ(LL): 0.032 C - - HORZ(TL): 0.079 C - - Creep Factor: 2.0 Max TC CSI: 0.945 Max BC CSI: 0.575 Max Web CSI: 0.914 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2990</td> <td>-</td> <td>-</td> <td>-</td> <td>/622</td> <td>-</td> </tr> <tr> <td>L</td> <td>3051</td> <td>-</td> <td>-</td> <td>-</td> <td>/670</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 2.5 (Truss) L Brg Wid = 7.6 Min Req = 2.5 (Truss) Bearings B & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>1213 - 5838</td> <td>D - E</td> <td>754 - 3703</td> </tr> <tr> <td>C - D</td> <td>758 - 3715</td> <td></td> <td></td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	2990	-	-	-	/622	-	L	3051	-	-	-	/670	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	1213 - 5838	D - E	754 - 3703	C - D	758 - 3715		
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Lumber Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #2; W7 2x4 SP #3; Lt Wedge: 2x6 SP #2; Bracing (a) Continuous lateral restraint equally spaced on member. Special Loads -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 85 plf at -1.00 to 85 plf at 5.06 TC: From 42 plf at 5.06 to 42 plf at 16.12 TC: From 85 plf at 16.12 to 85 plf at 22.00 BC: From 20 plf at 0.00 to 20 plf at 5.06 BC: From 10 plf at 5.06 to 10 plf at 22.00 BC: 936 lb Conc. Load at 5.06 BC: 578 lb Conc. Load at 7.06 BC: 549 lb Conc. Load at 9.06 BC: 382 lb Conc. Load at 11.10 BC: 371 lb Conc. Load at 13.10,17.10 BC: 377 lb Conc. Load at 15.10 BC: 379 lb Conc. Load at 19.10 BC: 349 lb Conc. Load at 21.10 Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc. Wind Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.				Maximum Bot Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - K</td> <td>5139 - 1060</td> <td>I - H</td> <td>4600 - 972</td> </tr> <tr> <td>K - J</td> <td>5093 - 1051</td> <td>H - G</td> <td>4654 - 983</td> </tr> <tr> <td>J - I</td> <td>4600 - 972</td> <td></td> <td></td> </tr> </tbody> </table> Maximum Web Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Webs</th> <th>Tens.Comp.</th> <th>Webs</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>K - C</td> <td>1567 - 310</td> <td>J - E</td> <td>353 - 1517</td> </tr> <tr> <td>C - J</td> <td>433 - 2032</td> <td>E - H</td> <td>1071 - 228</td> </tr> <tr> <td>D - J</td> <td>3021 - 591</td> <td>E - G</td> <td>1086 - 5151</td> </tr> </tbody> </table>		Chords	Tens.Comp.	Chords	Tens. Comp.	B - K	5139 - 1060	I - H	4600 - 972	K - J	5093 - 1051	H - G	4654 - 983	J - I	4600 - 972			Webs	Tens.Comp.	Webs	Tens. Comp.	K - C	1567 - 310	J - E	353 - 1517	C - J	433 - 2032	E - H	1071 - 228	D - J	3021 - 591	E - G	1086 - 5151											
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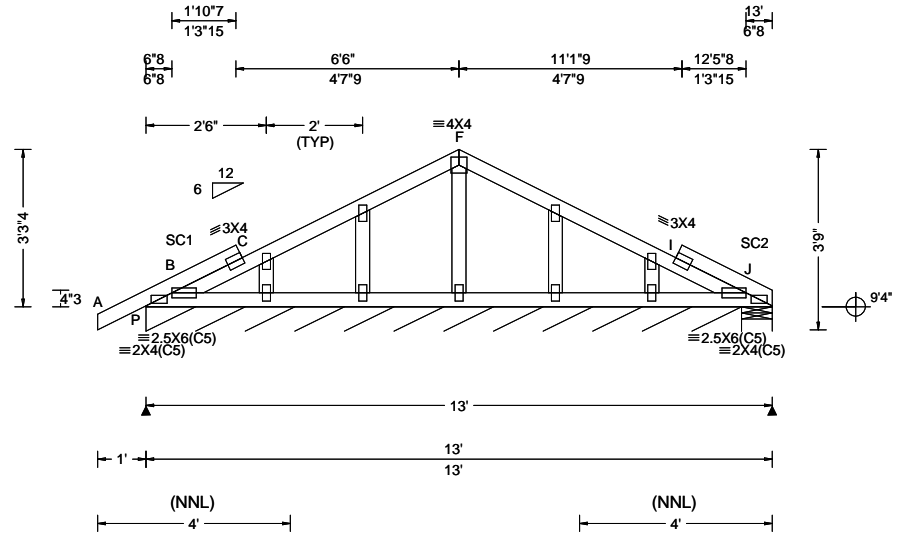


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SEQN: 52117 FROM:	GABL Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: C01	Cust: R 215 JRef: 1YGY2150003 T2 DrwNo: 020.26.1119.50217 NW / DF 01/20/2026
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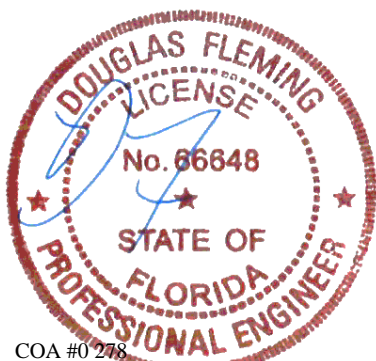
Loading Criteria (psf) TCLL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 999 240 VERT(CL): 0.002 999 180 HORZ(LL): -0.000 - - HORZ(TL): 0.001 - - Creep Factor: 2.0 Max TC CSI: 0.142 Max BC CSI: 0.033 Max Web CSI: 0.226 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs), or *=PLF <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>P*</td> <td>106</td> <td>/-</td> <td>/-</td> <td>/65</td> <td>/20</td> <td>/7</td> </tr> <tr> <td>J</td> <td>136</td> <td>/-</td> <td>/-</td> <td>/89</td> <td>/13</td> <td>/-</td> </tr> </tbody> </table> Wind reactions based on MWFRS P Brg Wid = 148 Min Req = - J Brg Wid = 7.6 Min Req = 1.5 (Truss) Bearings P & J are a rigid surface. Members not listed have forces less than 375#	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	P*	106	/-	/-	/65	/20	/7	J	136	/-	/-	/89	/13	/-
Loc	Gravity			Non-Gravity																											
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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.

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/999.

Additional Notes
 Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.
 Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

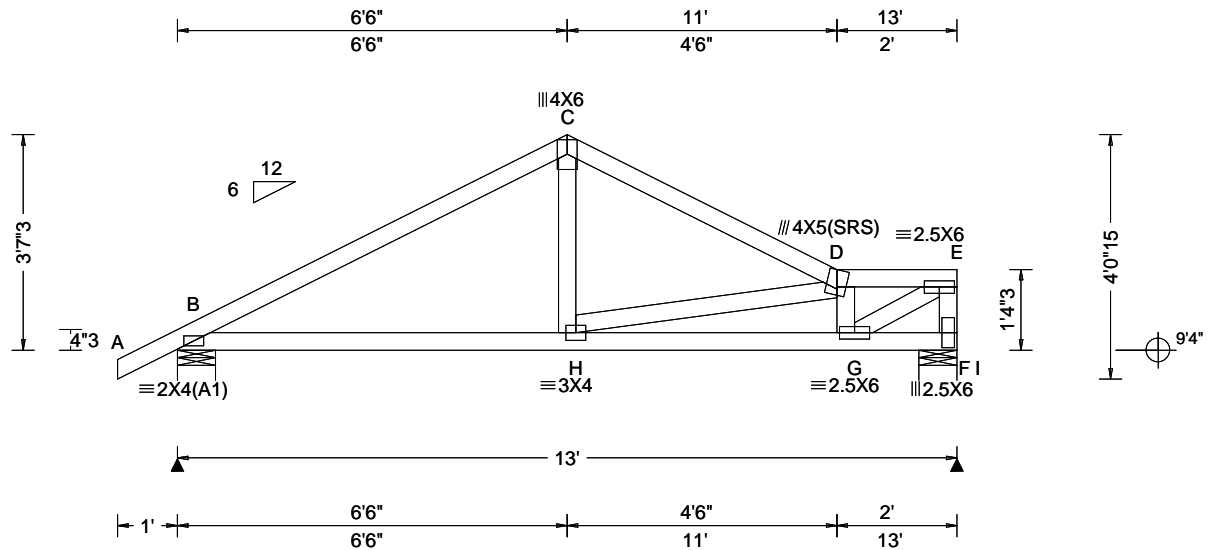


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SEQN: 52329 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: C02	Cust: R 215 JRef: 1YGY2150003 T28 DrwNo: 020.26.1120.09600 NW / DF 01/20/2026
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Loading Criteria (psf) TCLL: 20.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.014 H 999 240 VERT(CL): 0.036 H 999 180 HORZ(LL): 0.006 B - - HORZ(TL): 0.017 B - - Creep Factor: 2.0 Max TC CSI: 0.545 Max BC CSI: 0.508 Max Web CSI: 0.414 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 777 /- /- /487 /149 /93 I 669 /- /- /417 /130 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) I Brg Wid = 7.6 Min Req = 1.5 (Truss) Bearings B & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 453 -939 D - E 503 -930 C - D 476 -910					
				Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - H 745 -360 H - G 1084 -602 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. D - G 372 -574 E - F 369 -633 G - E 1085 -586					

Lumber

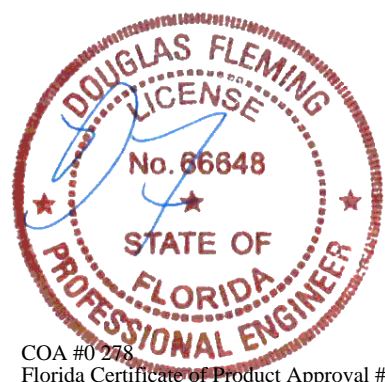
Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;

Purlins

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

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.

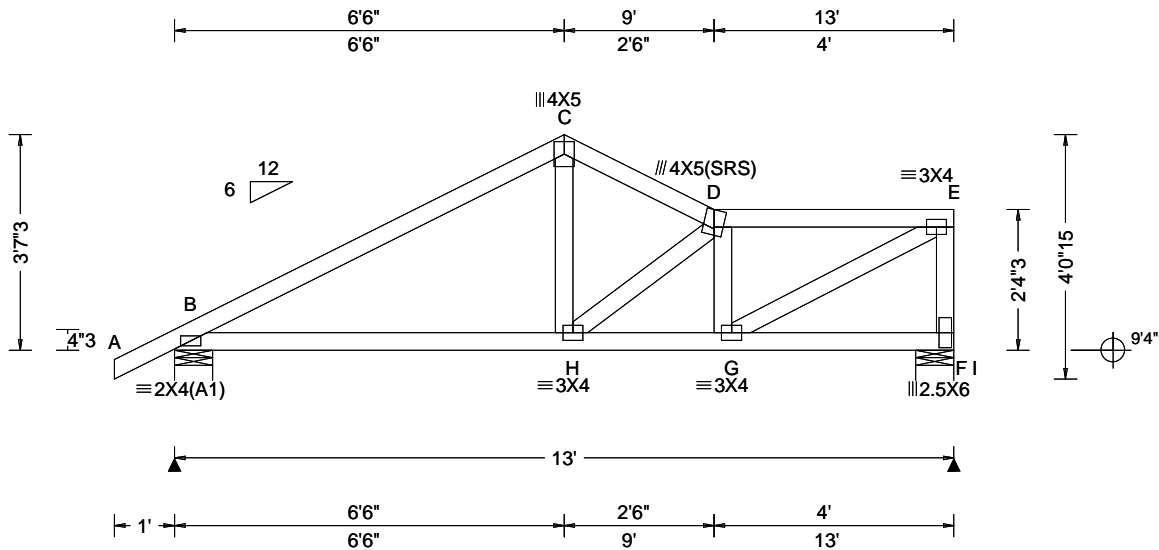


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SEQN: 52327 FROM:	COMN Ply: 1 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: C03	Cust: R 215 JRef: 1YGY2150003 T27 DrwNo: 020.26.1120.11570 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.032 D 999 240 VERT(CL): 0.030 D 999 180 HORZ(LL): 0.015 B - - HORZ(TL): 0.022 B - - Creep Factor: 2.0 Max TC CSI: 0.616 Max BC CSI: 0.476 Max Web CSI: 0.367 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 777 /- /- /493 /144 /93 I 669 /- /- /414 /136 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) I Brg Wid = 7.6 Min Req = 1.5 (Truss) Bearings B & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 370 -930 D - E 450 -855 C - D 423 -856					
				Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - H 734 -352 H - G 918 -489 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. D - G 284 -453 E - F 410 -627 G - E 962 -503					

Lumber

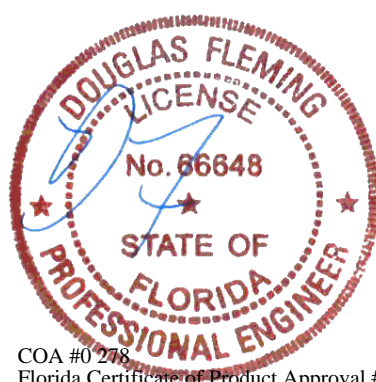
Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;

Purlins

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

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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.

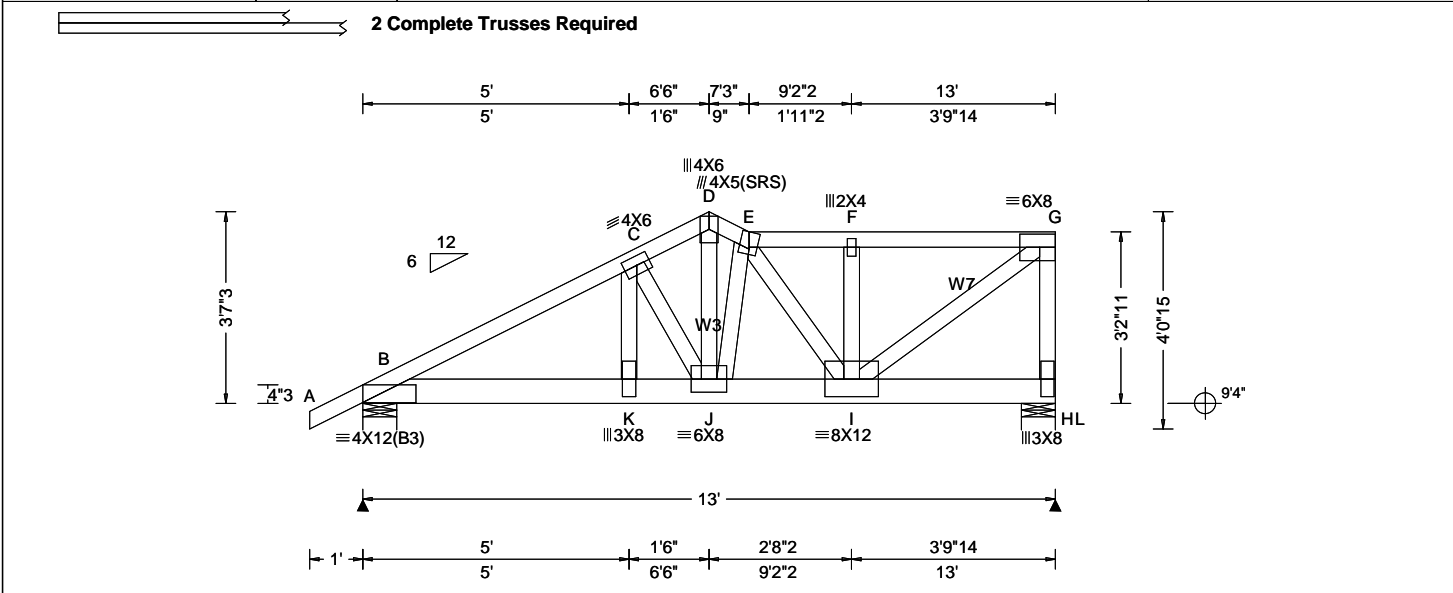


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SEQN: 52331 FROM:	COMN Ply: 2 Qty: 1	Job Number: 26-3431 12-305 PERIN Truss Label: C04	Cust: R 215 JRef: 1YGY2150003 T23 DrwNo: 020.26.1117.54227 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.066 K 999 240 VERT(CL): 0.164 K 941 180 HORZ(LL): -0.013 G - - HORZ(TL): 0.032 G - - Creep Factor: 2.0 Max TC CSI: 0.596 Max BC CSI: 0.420 Max Web CSI: 0.493 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>4805</td> <td>-</td> <td>-</td> <td>-</td> <td>1046</td> <td>-</td> </tr> <tr> <td>L</td> <td>6265</td> <td>-</td> <td>-</td> <td>-</td> <td>1317</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 2.0 (Truss) L Brg Wid = 7.6 Min Req = 2.6 (Truss) Bearings B & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>B - C</td> <td>1046 - 4797</td> <td>E - F</td> <td>735 - 3481</td> </tr> <tr> <td>C - D</td> <td>870 - 4038</td> <td>F - G</td> <td>735 - 3481</td> </tr> <tr> <td>D - E</td> <td>851 - 3957</td> <td></td> <td></td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	4805	-	-	-	1046	-	L	6265	-	-	-	1317	-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	1046 - 4797	E - F	735 - 3481	C - D	870 - 4038	F - G	735 - 3481	D - E	851 - 3957		
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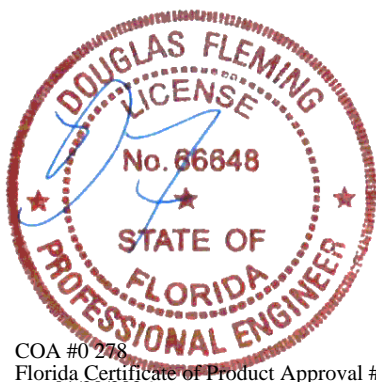
Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x6 SP 2400f-2.0E;
 Webs: 2x4 SP #3; W3,W7 2x4 SP M-31;

Nailnote
 Nail Schedule: 0.131"x3", min. nails
 Top Chord: 1 Row @ 12.00" o.c.
 Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads
 -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
 TC: From 85 plf at -1.00 to 85 plf at 13.00
 BC: From 20 plf at 0.00 to 20 plf at 5.12
 BC: From 10 plf at 5.12 to 10 plf at 13.00
 BC: 3604 lb Conc. Load at 5.12
 BC: 2033 lb Conc. Load at 7.11, 9.11,11.11

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

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

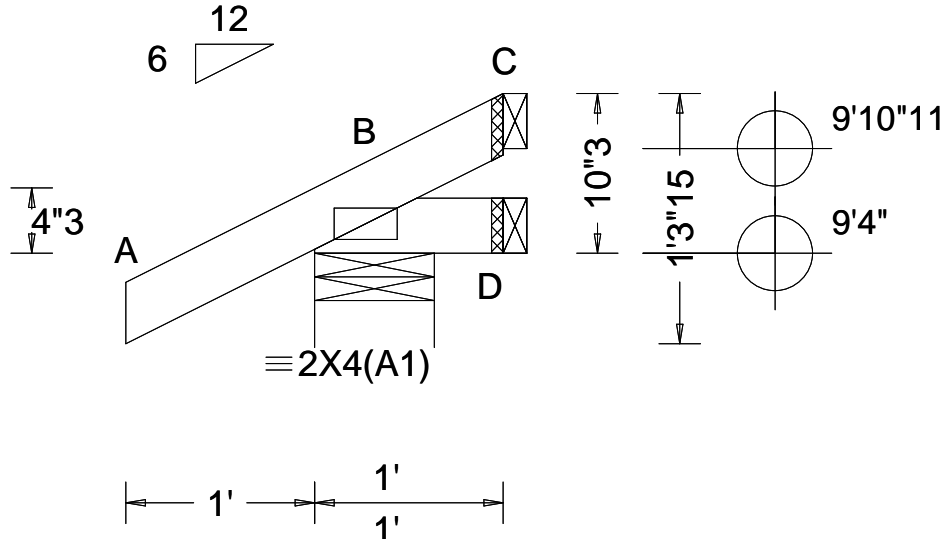


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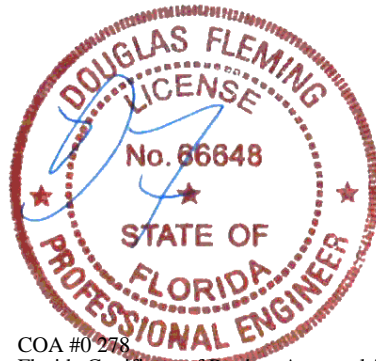
SEQN: 52123 FROM:	JACK Ply: 1 Qty: 4	Job Number: 26-3431 12-305 PERIN Truss Label: J01	Cust: R215 JRef: 1YGY2150003 T22 DrwNo: 020.26.1117.57677 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCCL: 20.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.111 Max BC CSI: 0.013 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL
				B 210 /- /- /106 /42 /31 D 8 /-4 /- /8 /- /- C - /-17 /- /18 /4 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

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

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

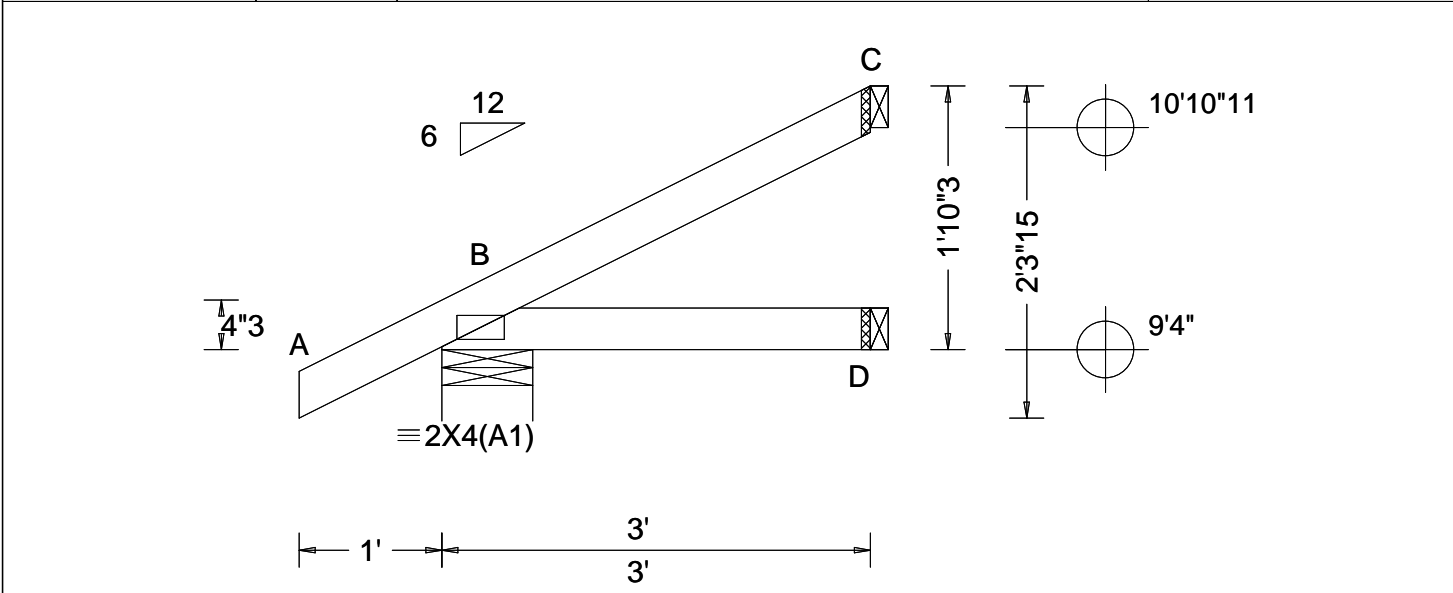


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SEQN: 52127 FROM:	JACK Ply: 1 Qty: 4	Job Number: 26-3431 12-305 PERIN Truss Label: J02	Cust: R 215 JRef: 1YGY2150003 T21 DrwNo: 020.26.1118.08253 NW / DF 01/20/2026
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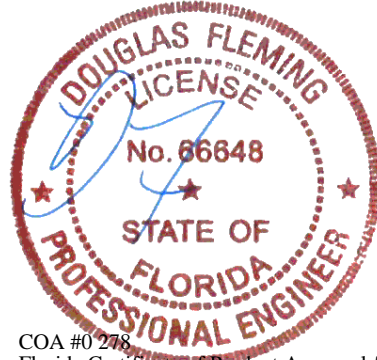
Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 B - - HORZ(TL): 0.002 B - - Creep Factor: 2.0 Max TC CSI: 0.157 Max BC CSI: 0.078 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>269</td> <td>-</td> <td>-</td> <td>/151</td> <td>/39</td> <td>/66</td> </tr> <tr> <td>D</td> <td>54</td> <td>-</td> <td>-</td> <td>/35</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>97</td> <td>-</td> <td>-</td> <td>/76</td> <td>/40</td> <td>-</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	269	-	-	/151	/39	/66	D	54	-	-	/35	-	-	C	97	-	-	/76	/40	-
				Loc		Gravity			Non-Gravity																													
R+	/R-	/Rh	/Rw		/U	/RL																																
B	269	-	-	/151	/39	/66																																
D	54	-	-	/35	-	-																																
C	97	-	-	/76	/40	-																																
Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#																																						

Lumber

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

Wind

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

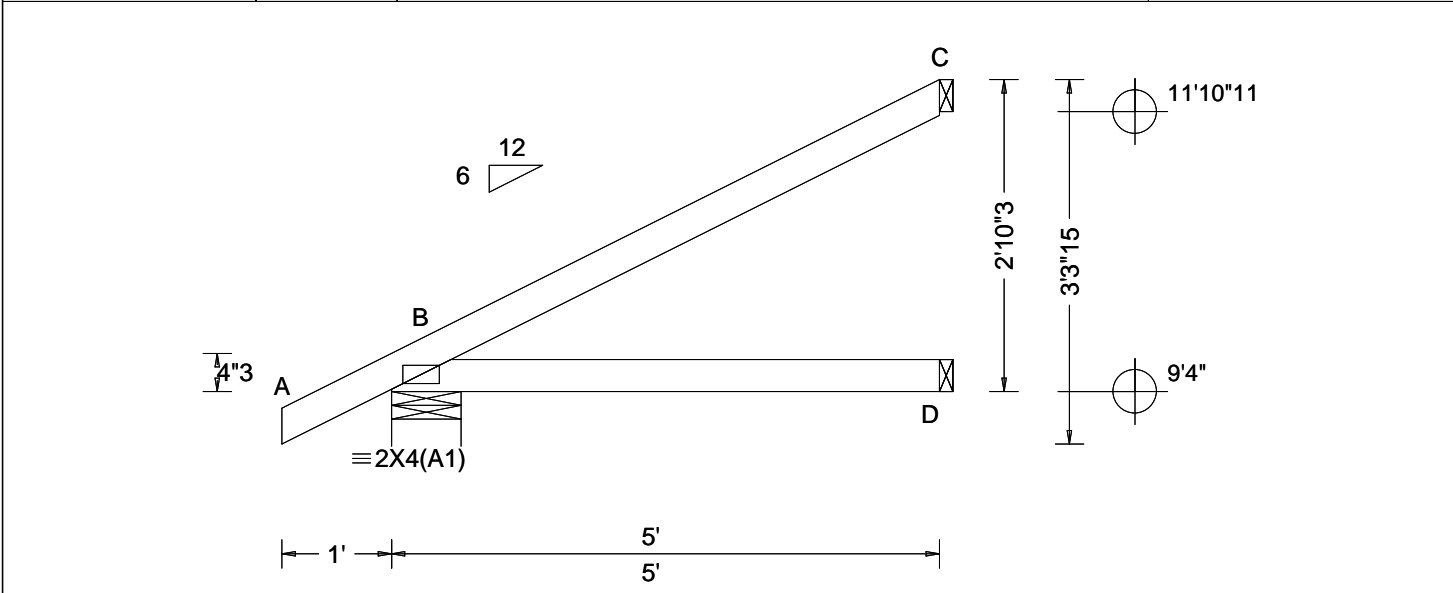


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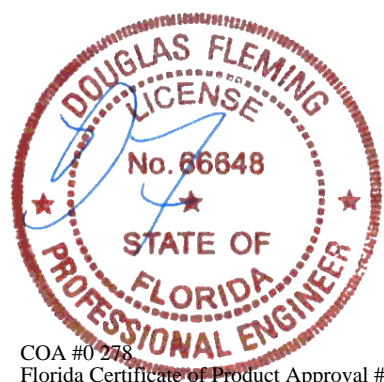
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SEQN: 52129 FROM:	EJAC Ply: 1 Qty: 35	Job Number: 26-3431 12-305 PERIN Truss Label: J03	Cust: R 215 JRRef: 1YGY2150003 T40 DrwNo: 020.26.1120.18817 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 B - - HORZ(TL): 0.013 B - - Creep Factor: 2.0 Max TC CSI: 0.449 Max BC CSI: 0.275 Max Web CSI: 0.000 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs) Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 366 /- /- /220 /49 /102 D 97 /- /- /61 /- /- C 179 /- /- /133 /71 /- Wind reactions based on MWFRS B Brg Wid = 7.6 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#
				Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Wind Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types.

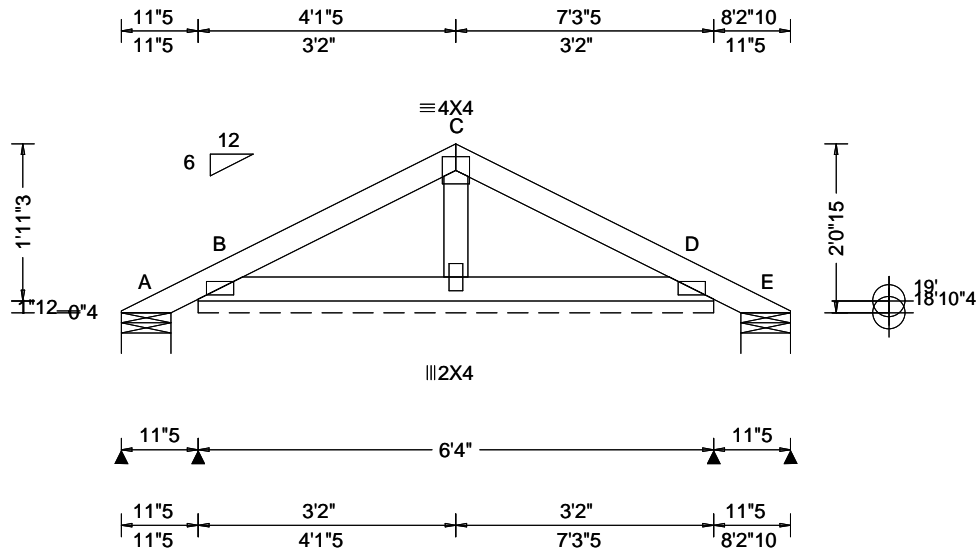


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SEQN: 52131 FROM:	COMN Ply: 1 Qty: 4	Job Number: 26-3431 12-305 PERIN Truss Label: PB01	Cust: R215 JRef: 1YGY2150003 T14 DrwNo: 020.26.1120.47013 NW / DF 01/20/2026
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Loading Criteria (psf) TCCL: 20.00 TCDL: 20.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 50.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.06 ft TCDL: 4.2 psf BCDL: 3.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 13.00 ft GCp: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.000 - - 240 VERT(CL): 0.000 - - 180 HORZ(LL): 0.000 - - - HORZ(TL): 0.000 - - - Creep Factor: 2.0 Max TC CSI: 0.130 Max BC CSI: 0.097 Max Web CSI: 0.027 VIEW Ver: 24.02.00D.0114.11	▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL
				A - /-22 /- /33 /42 /53 B* 114 /- /- /87 /13 /- E - /-22 /- /9 /18 /- Wind reactions based on MWFRS A Brg Wid = 7.3 Min Req = 1.5 (Truss) B Brg Wid = 76.0 Min Req = - E Brg Wid = 7.3 Min Req = 1.5 (Truss) Bearings A, B, & E are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

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

Purlins

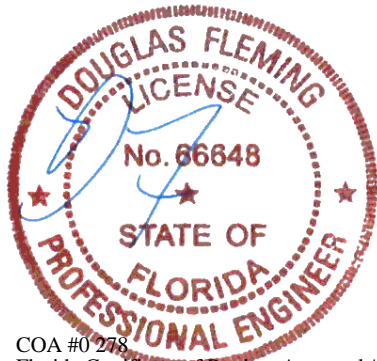
In lieu of rigid ceiling use purlins to brace BC @ 24" oc.

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.



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CLR Reinforcing Member Substitution

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

Notes:

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

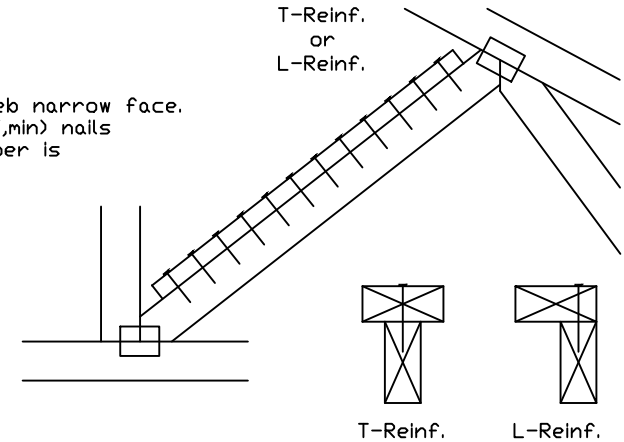
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6 or 2x4	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(⊗)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(⊗)

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.

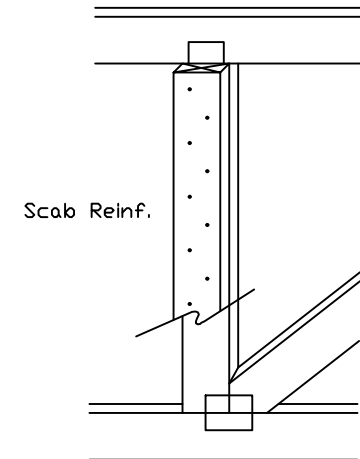
T-Reinforcement or L-Reinforcement:

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.

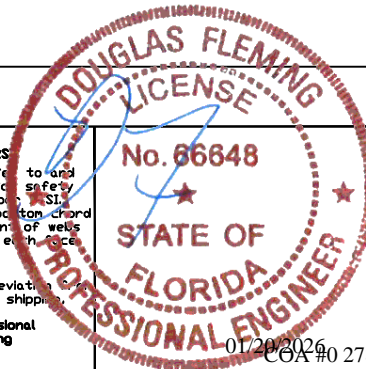


Scab Reinforcement:

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.



Freedom Code Compliance
Private Provider Firm or Associated Duty Authorized Representative
Not required for compliance with Florida Building Code
Not including zoning, fire, or public works compliance.
Not for use on any other project.
ICC-ES ESR-1087



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 SBCA. 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 150A-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; TPI: www.tpinst.org; SBCA: www.sbca.components.com; ICC: www.iccsafe.org

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

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

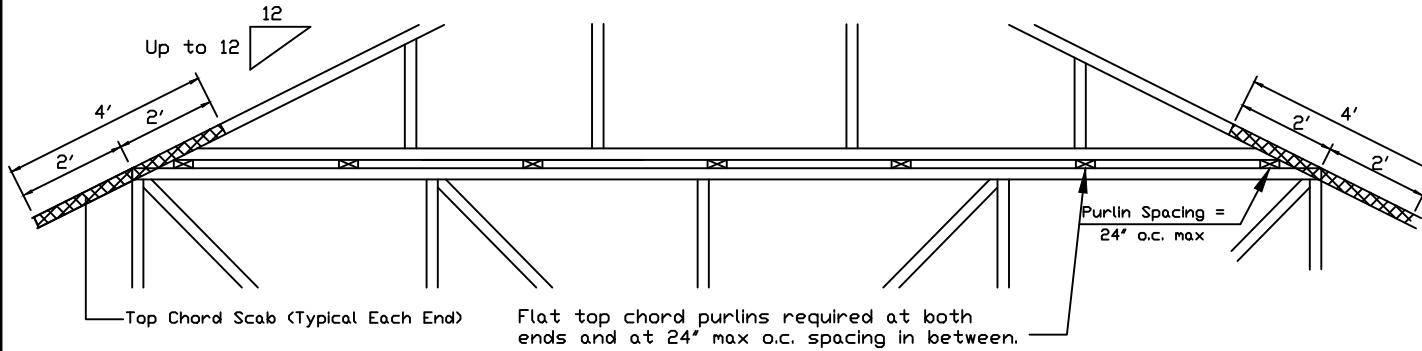
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
 Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

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

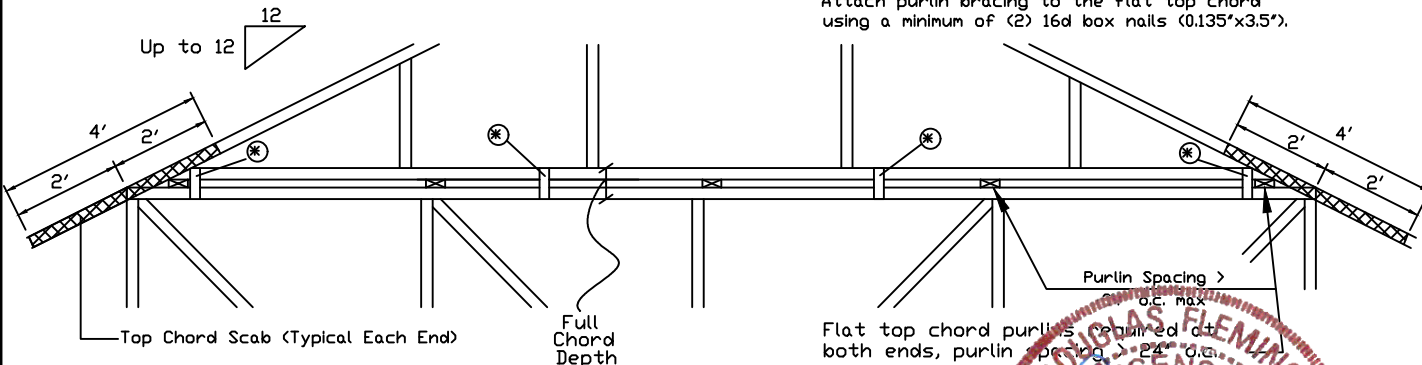


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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 to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

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



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

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

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

<p>* In addition, provide connection with one of the following methods:</p> <p>Trulox Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.</p> <p>APA Rated Gusset 8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.</p> <p>2x4 Vertical Scabs 2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.</p> <p>28PB Wave Piggyback Plate One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.</p>
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 For more information see this Job's general notes page and these web sites:
 ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.lccsafe.org



REF	PIGGYBACK
DATE	07/03/2023
DRWG	PB160220723
SPACING	24.0"