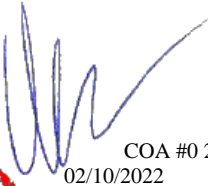


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COA #0 278  
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Orlando, FL 32821  
Phone: (800)755-6001  
www.alpineitw.com



Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 22-6914
Job Description: LOT 24 JL , AVERY MODEL	
Address: LAKE CITY, FL	

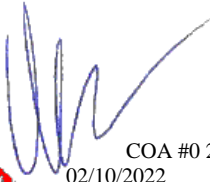
Job Engineering Criteria:			
Design Code: FBC 2017 RES (Permitted Prior Jan 1 2021)		IntelliVIEW Version: 21.01.01A	
		JRef #: 1XcX2150017	
Wind Standard: ASCE 7-10	Wind Speed (mph): 130	Design Loading (psf): 40.00	
Building Type: Closed			

This package contains general notes pages, 51 truss drawing(s) and 4 detail(s).

Item	Drawing Number	Truss
1	040.22.1708.42685	A01
3	040.22.1708.42513	A03
5	040.22.1708.43013	B01
7	040.22.1708.41966	C01
9	041.22.0631.32157	C03
11	040.22.1708.39576	D01
13	040.22.1708.41950	E01
15	040.22.1708.44669	E03
17	040.22.1708.39575	E05
19	040.22.1708.44280	G02
21	040.22.1708.43154	G04
23	040.22.1708.45185	G06
25	040.22.1708.44435	G08
27	040.22.1708.44826	G10
29	040.22.1708.40622	G12
31	041.22.0631.29330	G14
33	040.22.1708.39638	HJ02
35	040.22.1708.39404	HJ04
37	040.22.1708.42419	J01
39	040.22.1708.43950	J03
41	040.22.1708.45075	J05
43	040.22.1708.39622	J07
45	040.22.1708.43733	J09
47	040.22.1708.42888	J11
49	040.22.1708.40482	J13
51	041.22.0631.01497	J15

Item	Drawing Number	Truss
2	040.22.1708.43748	A02
4	040.22.1708.43325	A04
6	040.22.1708.43544	B02
8	041.22.0631.34607	C02
10	041.22.0631.30857	C04
12	040.22.1708.40341	D02
14	040.22.1708.44169	E02
16	040.22.1708.43497	E04
18	040.22.1708.44825	G01
20	040.22.1708.44935	G03
22	040.22.1708.43122	G05
24	040.22.1708.43810	G07
26	040.22.1708.44858	G09
28	040.22.1708.42154	G11
30	040.22.1708.44450	G13
32	040.22.1708.42826	HJ01
34	040.22.1708.40575	HJ03
36	041.22.0631.03427	HJ05
38	040.22.1708.39669	J02
40	040.22.1708.40372	J04
42	040.22.1708.44857	J06
44	040.22.1708.40623	J08
46	040.22.1708.44575	J10
48	040.22.1708.44717	J12
50	040.22.1708.44419	J14
52	A14015ENC101014	

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Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 22-6914
Job Description: LOT 24 JL , AVERY MODEL	
Address: LAKE CITY, FL	

Item	Drawing Number	Truss
53	BRCLBSUB0119	
55	GBLLETIN0118	

Item	Drawing Number	Truss
54	CNNAILSP1014	

## **General Notes**

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

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

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

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

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

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

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

### **Permanent Lateral Restraint and Bracing:**

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

### **Connector Plate Information:**

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

### **Fire Retardant Treated Lumber:**

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

## **General Notes** (continued)

### **Key to Terms:**

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

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.

BCLL = Bottom Chord standard design Live Load in pounds per square foot.

CL = Certified lumber.

Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

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

g = green lumber.

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

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

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

Ic = Incised lumber.

FJ = Finger Jointed lumber.

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

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

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

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

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

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

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

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

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

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

PP = Panel Point.

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

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

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

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

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

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

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

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

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

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

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

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

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

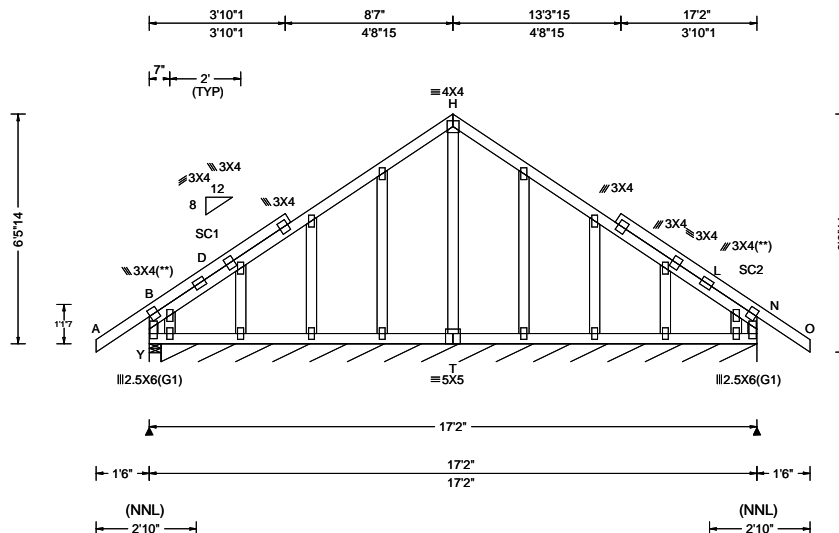
Refer to ASCE-7 for Wind and Seismic abbreviations.

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

**References:**

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

SEQN: 646795 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: A01	Cust: R 215 JRef: 1XcX2150017 T2 DrwNo: 040.22.1708.42685 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * = PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.002 B 999 240 HORZ(LL): 0.001 N - - HORZ(TL): 0.001 N - - Creep Factor: 2.0 Max TC CSI: 0.167 Max BC CSI: 0.029 Max Web CSI: 0.072 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Y 219 /- /- /123 /35 /77 N* 85 /- /- /53 /- /- Wind reactions based on MWFRS Y Brg Wid = 4.0 Min Req = 1.5 N Brg Wid = 201 Min Req = - Bearings Y & X 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;  
Lt Stub Wedge: 2x4 SP #3; Rt Stub Wedge: 2x4 SP #3;

#### Plating Notes

All plates are 2X4 except as noted.

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

#### Wind

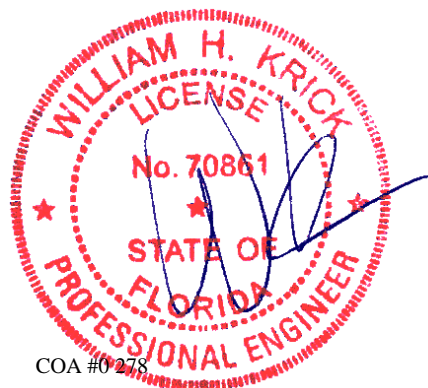
Wind loads based on MWFRS with additional C&C member design.

#### Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 6-5-14.



COA #0278

02/10/2022

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

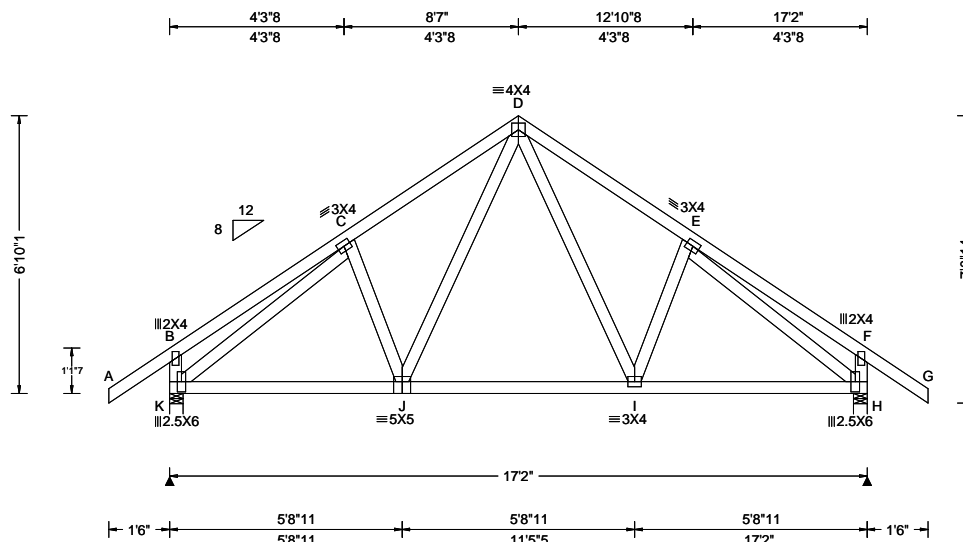
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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For more information see these web sites: Alpine: [alpineitw.com](http://alpineitw.com); TPI: [tpinst.org](http://tpinst.org); SBCA: [sbcacomponents.com](http://sbcacomponents.com); ICC: [iccsafe.org](http://iccsafe.org); AWC: [awc.org](http://awc.org)

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Orlando FL, 32821

SEQN: 646789 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: A02	Cust: R 215 JRef: 1XcX2150017 T1 DrwNo: 040.22.1708.43748 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.016 I 999 240 VERT(CL): 0.033 I 999 240 HORZ(LL): 0.010 F - - HORZ(TL): 0.020 F - - Creep Factor: 2.0 Max TC CSI: 0.185 Max BC CSI: 0.354 Max Web CSI: 0.470 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL K 825 - / - / /506 /137 /211 H 825 - / - / /506 /137 - Wind reactions based on MWFRS K Brg Wid = 4.0 Min Req = 1.5 H Brg Wid = 4.0 Min Req = 1.5 Bearings K & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. C - D 312 -778 D - E 312 -778

#### Lumber

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

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 6-10-1.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
K - J	635 -104	I - H	636 -106
J - I	473 -45		

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

Webs	Tens.Comp.	Webs	Tens. Comp.
K - C	137 -802	E - H	137 -803



COA #0278

02/10/2022

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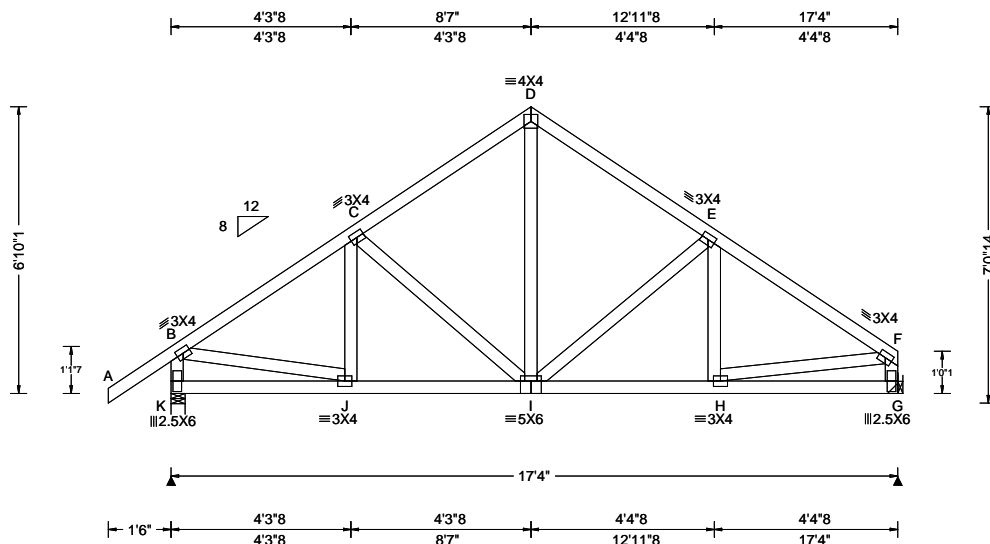
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SEQN: 646792 / FROM: CDM	COMN Ply: 1 Qty: 3	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: A03	Cust: R 215 JRef: 1XcX2150017 T46 DrwNo: 040.22.1708.42513 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.017 I 999 240 VERT(CL): 0.035 I 999 240 HORZ(LL): 0.006 C - - HORZ(TL): 0.012 C - - Creep Factor: 2.0 Max TC CSI: 0.242 Max BC CSI: 0.246 Max Web CSI: 0.253 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K 836 -/- /- /510 /139 /194 G 724 -/- /- /421 /113 -/ Wind reactions based on MWFRS K Brg Wid = 4.0 Min Req = 1.5 G Brg Wid = - Bearing K is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. B - C 244 -864 D - E 259 -677 C - D 259 -673 E - F 248 -898

#### Lumber

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

#### Hangers / Ties

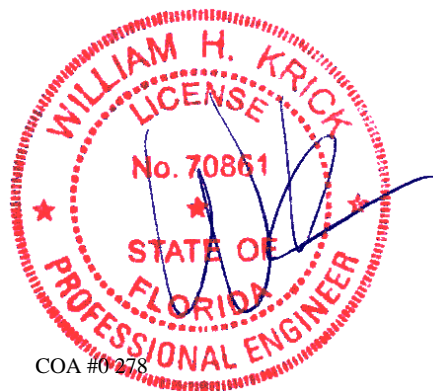
(J) Hanger Support Required, by others

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 6-10-1.



COA #0278

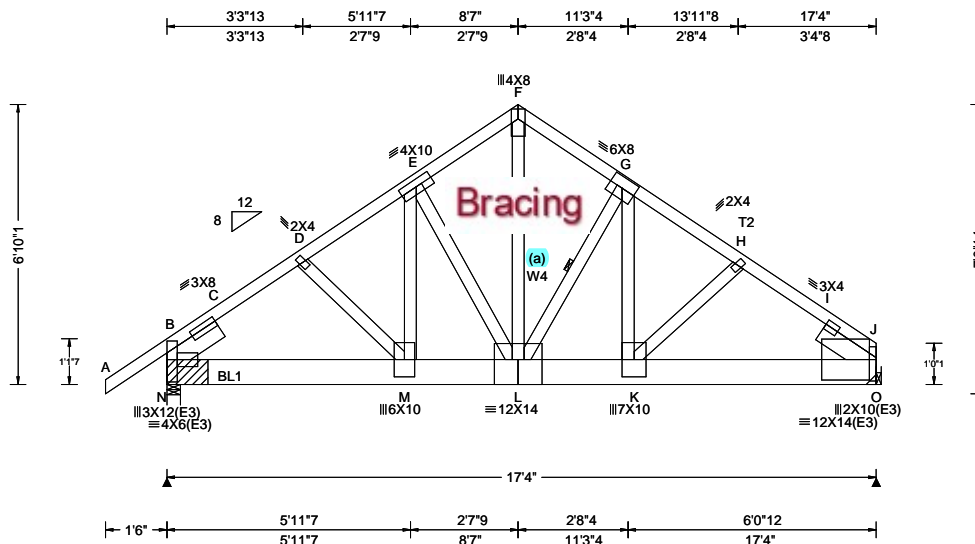
02/10/2022

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Suite 305  
Orlando FL, 32821



SEQN: 646993 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: A04	Cust: R 215 JRef: 1XcX2150017 T8 DrwNo: 040.22.1708.43325 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.106 K 999 240 VERT(CL): 0.209 K 992 240 HORZ(LL): 0.029 D - - HORZ(TL): 0.057 D - - Creep Factor: 2.0 Max TC CSI: 0.635 Max BC CSI: 0.650 Max Web CSI: 0.927 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL N 4999 -/- /- /- /291 -/ O 4812 -/- /- /- /116 -/ Wind reactions based on MWFRS N Brg Wid = 4.0 Min Req = - O Brg Wid = - Bearing N 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 181 -5596 F - G 113 -4452 C - D 165 -5538 G - H 130 -5846 D - E 147 -5538 H - I 168 -5914 E - F 113 -4452 I - J 185 -5960

#### Lumber

Top chord: 2x4 SP M-31; T2 2x4 SP #2;  
Bot chord: 2x8 SP 2400f-2.0E;  
Webs: 2x4 SP #3; W4 2x4 SP M-31;  
Lt Slider: 2x6 SP #2; block length = 1.500'  
Rt Slider: 2x6 SP #2; block length = 1.500'

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at -1.50 to 64 plf at 1.40  
TC: From 32 plf at 1.40 to 32 plf at 5.40  
TC: From 64 plf at 5.40 to 64 plf at 17.33  
BC: From 5 plf at -1.50 to 5 plf at 0.00  
BC: From 10 plf at 0.00 to 10 plf at 17.33  
BC: 1011 lb Conc. Load at 1.40  
BC: 1005 lb Conc. Load at 3.40, 5.40  
BC: 1131 lb Conc. Load at 7.40, 9.40, 11.40, 13.40  
BC: 1008 lb Conc. Load at 15.40

#### Wind

Wind loads and reactions based on MWFRS.

#### Bearing Block(s)

Brg blocks: 0.128"x3", min. nails  
brg x-loc #blocks length/blk #nails/blk wall plate  
1 0.000' 1 12" 4 Rigid Surface  
Brg block to be same size and species as chord.  
Refer to drawing CNNAILSP1014 for more information.

#### Blocking

Blocking reinforcement required to prevent buckling of members over the bearings:  
Bearing 1 located at 0.0' (blocking >= 7.25" if used)

#### Additional Notes

The overall height of this truss excluding overhang is 6'-10-1/2".

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

Chords	Tens.Comp.	Chords	Tens. Comp.
B - M	4450 -133	L - K	4710 -94
M - L	4524 -114	K - J	4827 -133

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

Webs	Tens.Comp.	Webs	Tens. Comp.
M - E	1978 -31	L - G	28 -2074
E - L	71 -1737	G - K	2435 0
F - L	4664 -47		



COA #0278

02/10/2022

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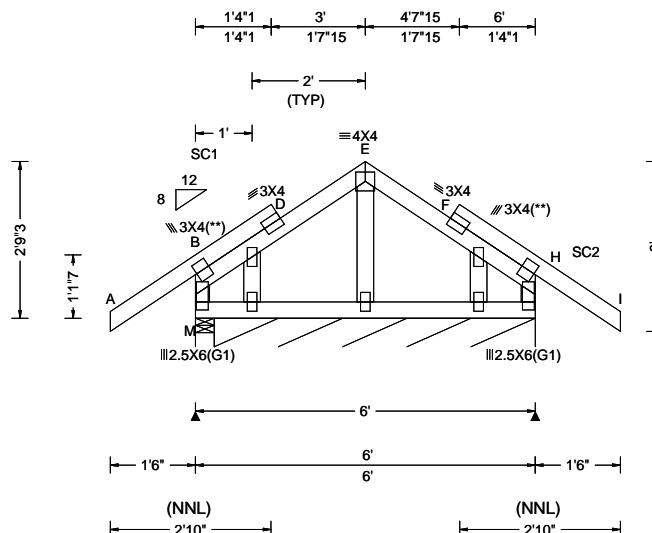
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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SEQN: 646786 / FROM: CDM	GABL  Qty: 1	<b>Job Number:</b> 22-6914 LOT 24 JL , AVERY MODEL <b>Truss Label:</b> B01	Cust: R 215   JRef: 1XcX2150017   T4 DrwNo: 040.22.1708.43013 KD / WHK      02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * =PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 F 999 240	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 F 999 240	M 203 /- /- /137 /51 /77
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 H - -	H* 90 /- /- /58 /- /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 D - -	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	M Brg Wid = 4.0 Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.167	H Brg Wid = 68.0 Min Req = -
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.029	Bearings M & M are a rigid surface.
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.022	Members not listed have forces less than 375#
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		
	Loc. from endwall: Any	Plate Type(s):		
	GCpi: 0.18	WAVE	VIEW Ver: 21.01.01A.0521.20	
	Wind Duration: 1.60			

## 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;  
Lt Stub Wedge: 2x4 SP #3; Rt Stub Wedge: 2x4 SP #3;

## Plating Notes

All plates are 2X4 except as noted.

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

### Wind

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

### Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 2-9-3.



COA #0278

02/10/2022

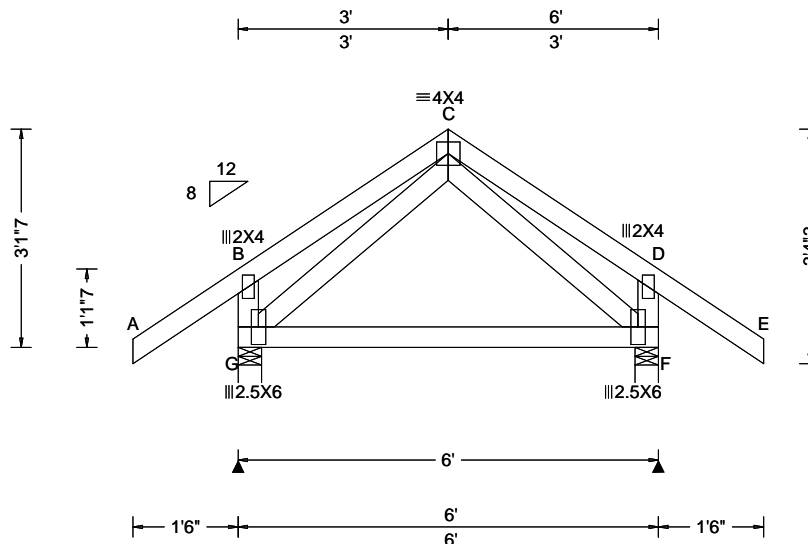
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SEQN: 646797 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: B02	Cust: R 215 JRef: 1XcX2150017 T3 DrwNo: 040.22.1708.43544 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.001 C 999 240 HORZ(LL): -0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.167 Max BC CSI: 0.380 Max Web CSI: 0.113  VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 355 -/- /- /234 /63 /107 F 355 -/- /- /234 /63 -/ Wind reactions based on MWFRS G Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = 4.0 Min Req = 1.5 Bearings G & F 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;

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 3-1-7.



COA #0278

02/10/2022

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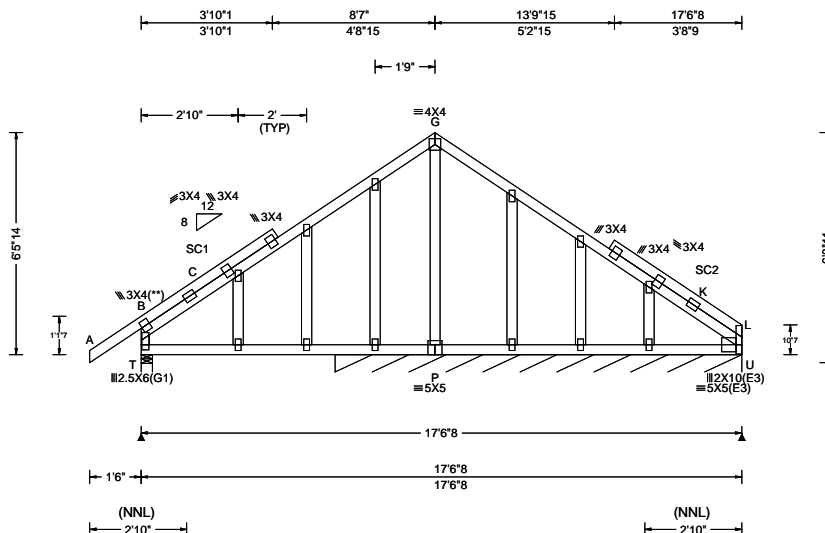
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SEQN: 646810 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: C01	Cust: R 215 JRef: 1XcX2150017 T28 DrwNo: 040.22.1708.41966 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.032 S 999 240 VERT(CL): 0.067 S 999 240 HORZ(LL): 0.026 D - - HORZ(TL): 0.054 D - - Creep Factor: 2.0 Max TC CSI: 0.232 Max BC CSI: 0.345 Max Web CSI: 0.080  VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL T 426 - / - / - /246 /24 /142 U* 97 - / - / - /74 - / - Wind reactions based on MWFRS T Brg Wid = 4.0 Min Req = 1.5 U Brg Wid = 142 Min Req = - Bearings T & R 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;  
Lt Stub Wedge: 2x4 SP #3;

#### Plating Notes

All plates are 2X4 except as noted.

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

#### Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

#### Wind

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

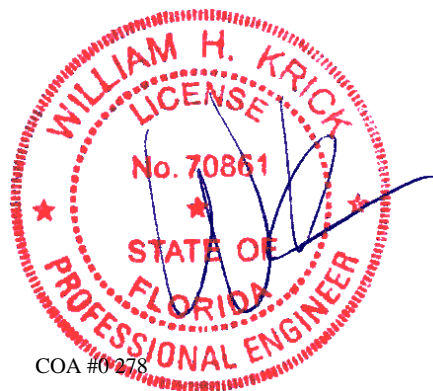
Right end vertical not exposed to wind pressure.

#### Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 6-5-14.



COA #0278

02/10/2022

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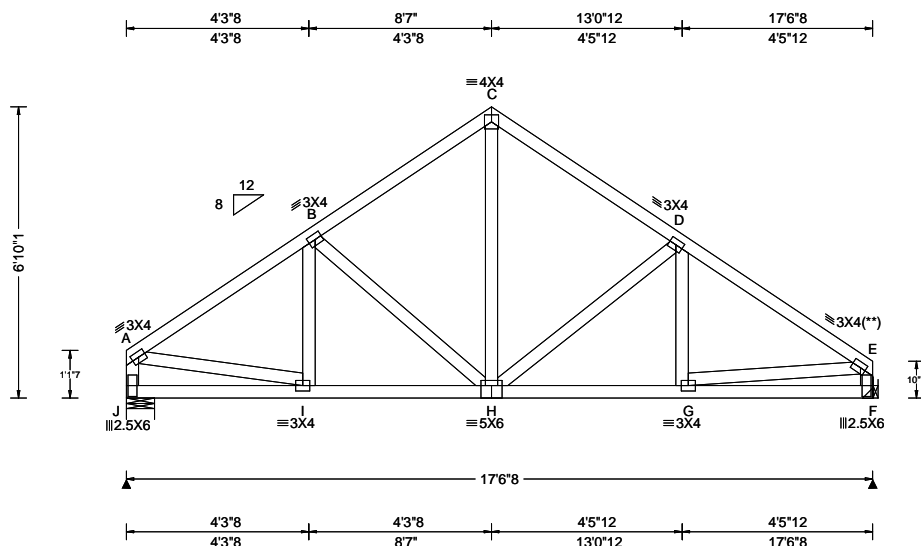
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SEQN: 647123 FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: C02	Cust: R 215 JRef: 1XcX2150017 T39 DrwNo: 041.22.0631.34607 SSB / WHK 02/10/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.018 H 999 240 VERT(CL): 0.037 H 999 240 HORZ(LL): 0.006 B - - HORZ(TL): 0.013 B - - Creep Factor: 2.0 Max TC CSI: 0.255 Max BC CSI: 0.259 Max Web CSI: 0.263 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity J 737 /- /- /424 /115 /162 F 737 /- /- /429 /115 /- Wind reactions based on MWFRS J Brg Wid = 8.0 Min Req = 1.5 F Brg Wid = - Bearing J is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 247 -889 C - D 263 -700 B - C 265 -696 D - E 260 -952

#### Lumber

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

#### Plating Notes

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

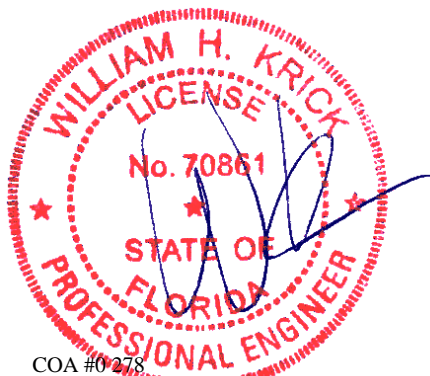
#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 6-10-1.



COA #0278

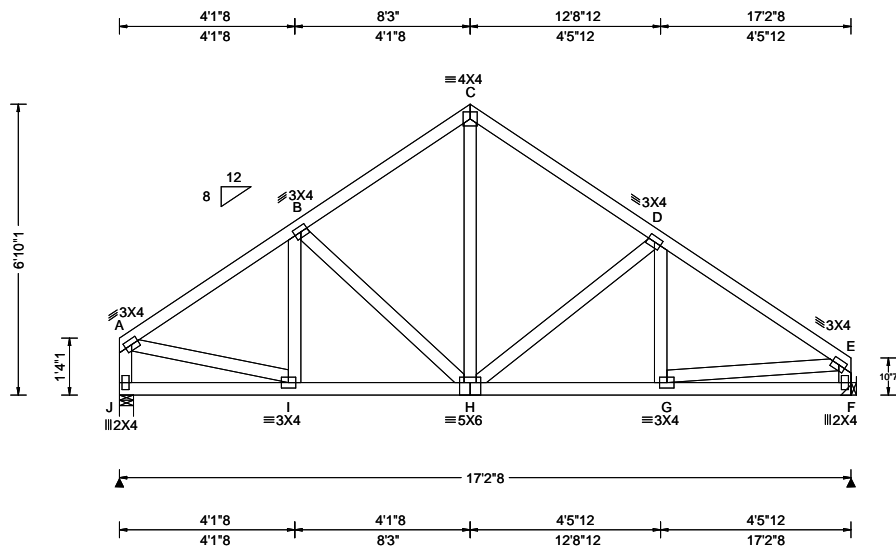
02/10/2022

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SEQN: 647126 FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: C03	Cust: R 215 JRef: 1XcX2150017 T48 DrwNo: 041.22.0631.32157 SSB / WHK 02/10/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.016 H 999 240 VERT(CL): 0.034 H 999 240 HORZ(LL): 0.006 B - - HORZ(TL): 0.013 B - - Creep Factor: 2.0 Max TC CSI: 0.255 Max BC CSI: 0.258 Max Web CSI: 0.257 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 723 -/- /- /412 /113 /161 F 723 -/- /- /423 /112 -/ Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = - Bearing J is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 190 -819 C - D 215 -677 B - C 218 -668 D - E 206 -931

#### Lumber

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

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 6'-10"-1.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
I - H	633 -91	H - G	718 -113

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

Webs	Tens.Comp.	Webs	Tens. Comp.
A - J	163 -688	G - E	674 -98
A - I	629 -99	E - F	161 -685
C - H	405 -137		



COA #0278

02/10/2022

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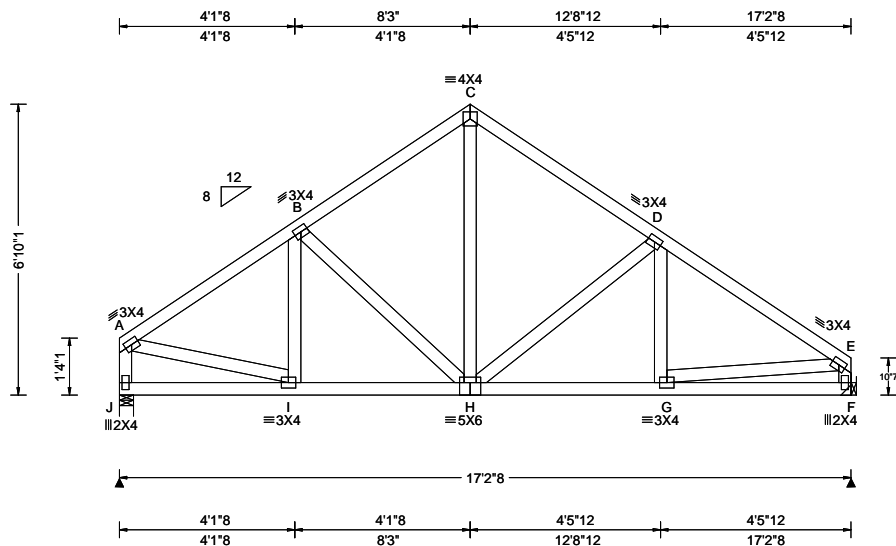
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SEQN: 647129 FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: C04	Cust: R 215 JRef: 1XcX2150017 T50 DrwNo: 041.22.0631.30857 SSB / WHK 02/10/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.016 H 999 240 VERT(CL): 0.034 H 999 240 HORZ(LL): 0.006 B - - HORZ(TL): 0.013 B - - Creep Factor: 2.0 Max TC CSI: 0.255 Max BC CSI: 0.258 Max Web CSI: 0.257 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 723 -/- /- /412 /113 /161 F 723 -/- /- /423 /112 -/ Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = - Bearing J is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 190 -819 C - D 215 -677 B - C 218 -668 D - E 206 -931

#### Lumber

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

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 6'-10"-1."

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

Chords	Tens.Comp.	Chords	Tens. Comp.
I - H	633 -91	H - G	718 -113

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

Webs	Tens.Comp.	Webs	Tens. Comp.
A - J	163 -688	G - E	674 -98
A - I	629 -99	E - F	161 -685
C - H	405 -137		



COA #0278  
02/10/2022

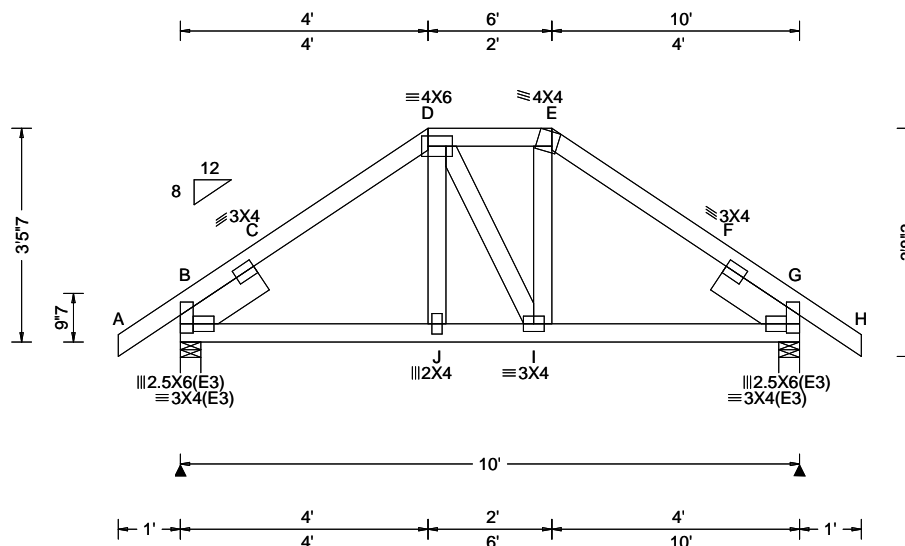
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SEQN: 646850 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: D01	Cust: R 215 JRef: 1XcX2150017 T12 DrwNo: 040.22.1708.39576 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.012 J 999 240 VERT(CL): 0.025 J 999 240 HORZ(LL): 0.006 G - - HORZ(TL): 0.013 G - - Creep Factor: 2.0 Max TC CSI: 0.147 Max BC CSI: 0.297 Max Web CSI: 0.077 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 876 -/- /- /- /218 -/ G 876 -/- /- /- /218 -/ Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 G Brg Wid = 4.0 Min Req = 1.5 Bearings B & G are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. B - C 293 -1092 E - F 276 -1042 C - D 276 -1044 F - G 294 -1089 D - E 209 -828

#### Lumber

Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #3;  
Lt Slider: 2x6 SP #2; block length = 1.500'  
Rt Slider: 2x6 SP #2; block length = 1.500'

#### Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at -1.00 to 64 plf at 4.00  
TC: From 32 plf at 4.00 to 32 plf at 6.00  
TC: From 64 plf at 6.00 to 64 plf at 11.00  
BC: From 5 plf at -1.00 to 5 plf at 0.00  
BC: From 20 plf at 0.00 to 20 plf at 4.03  
BC: From 10 plf at 4.03 to 10 plf at 5.97  
BC: From 20 plf at 5.97 to 20 plf at 10.00  
BC: From 5 plf at 10.00 to 5 plf at 11.00  
TC: 244 lb Conc. Load at 4.03, 5.97  
BC: 185 lb Conc. Load at 4.03, 5.97

#### Wind

Wind loads and reactions based on MWFRS.

#### Additional Notes

The overall height of this truss excluding overhang is 35-7.



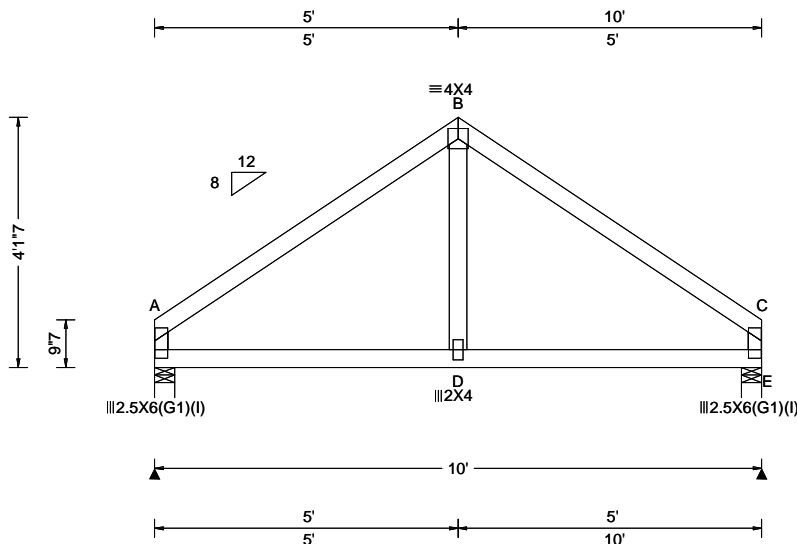
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02/10/2022

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SEQN: 646852 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: D02	Cust: R 215 JRef: 1XcX2150017 T10 DrwNo: 040.22.1708.40341 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 D 999 240 VERT(CL): 0.008 D 999 240 HORZ(LL): 0.006 C - - HORZ(TL): 0.008 C - - Creep Factor: 2.0 Max TC CSI: 0.237 Max BC CSI: 0.222 Max Web CSI: 0.079 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 420 -/- /- /242 /65 /91 E 420 -/- /- /242 /65 /- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 E Brg Wid = 4.0 Min Req = 1.5 Bearings A & E are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 146 -471 B - C 146 -471

#### Lumber

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

#### Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

#### Wind

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

#### Additional Notes

The overall height of this truss excluding overhang is 4'-1-7".



COA #0 278

02/10/2022

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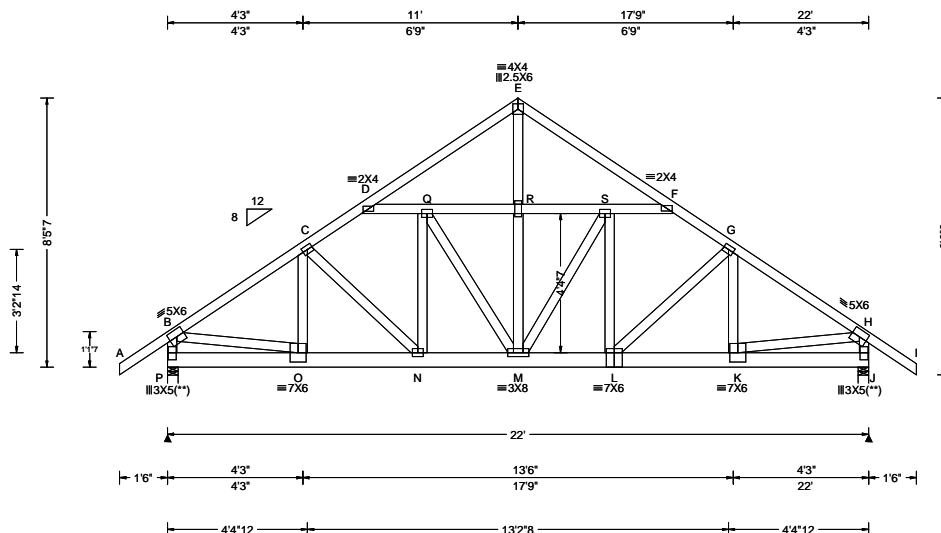
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SEQN: 646983 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: E01	Cust: R 215 JRef: 1XcX2150017 T21 DrwNo: 040.22.1708.41950 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.071 N 999 240 VERT(CL): 0.143 N 999 240 HORZ(LL): 0.021 C - - HORZ(TL): 0.043 C - - Creep Factor: 2.0 Max TC CSI: 0.606 Max BC CSI: 0.828 Max Web CSI: 0.906 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL P 2275 -/- /- /- /94 -/ J 2282 -/- /- /- /97 -/ Wind reactions based on MWFRS P Brg Wid = 4.0 Min Req = 2.7 J Brg Wid = 4.0 Min Req = 2.7 Bearings P & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 66 -2937 E - F 20 -1744 C - D 28 -2837 F - G 32 -2841 D - E 18 -1739 G - H 70 -2951

#### Lumber

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

#### Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at -1.50 to 64 plf at 6.03  
TC: From 32 plf at 6.03 to 32 plf at 15.47  
TC: From 64 plf at 15.47 to 64 plf at 23.50  
BC: From 5 plf at -1.50 to 5 plf at 0.00  
BC: From 20 plf at 0.00 to 20 plf at 6.03  
BC: From 10 plf at 6.03 to 10 plf at 15.97  
BC: From 20 plf at 15.97 to 20 plf at 22.00  
BC: From 5 plf at 22.00 to 5 plf at 23.50  
TC: 365 lb Conc. Load at 6.03,15.97  
TC: 179 lb Conc. Load at 8.06,10.06,11.94,13.94  
BC: 488 lb Conc. Load at 6.03,15.97  
BC: 120 lb Conc. Load at 8.06,10.06,11.94,13.94

#### Plating Notes

All plates are 3X4 except as noted.

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

#### Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 8-5-7.



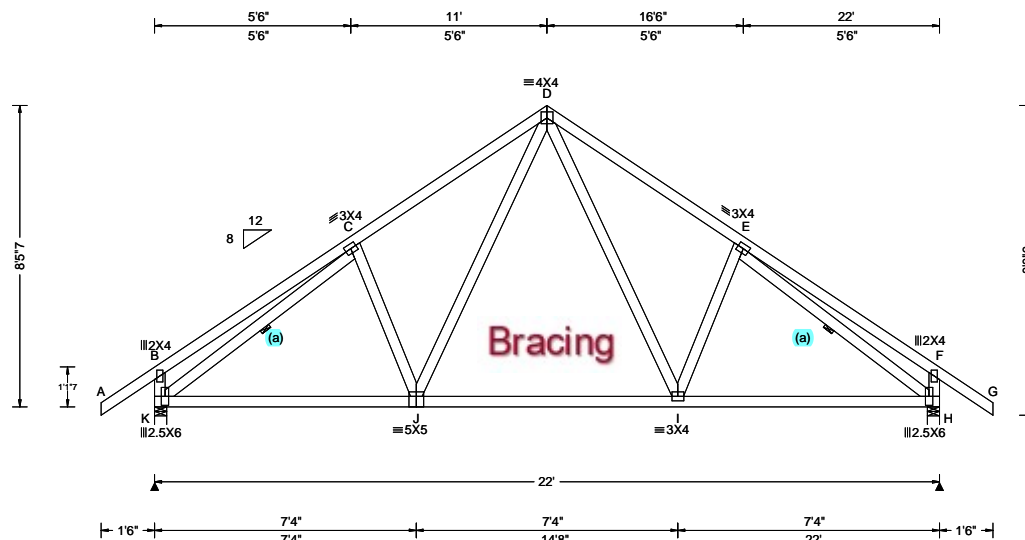
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02/10/2022

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SEQN: 646861 / FROM: CDM	COMN Ply: 1 Qty: 7	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: E02	Cust: R 215 JRef: 1XcX2150017 T17 DrwNo: 040.22.1708.44169 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.035 I 999 240 VERT(CL): 0.066 I 999 240 HORZ(LL): 0.021 F - - HORZ(TL): 0.041 F - - Creep Factor: 2.0 Max TC CSI: 0.334 Max BC CSI: 0.582 Max Web CSI: 0.348 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K 1102 -/- /- /625 /170 /256 H 1102 -/- /- /625 /170 -/ Wind reactions based on MWFRS K Brg Wid = 4.0 Min Req = 1.5 H Brg Wid = 4.0 Min Req = 1.5 Bearings K & H are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. C - D 317 - 1178 D - E 317 - 1179

#### Lumber

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

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 8-5-7.



COA #0218

02/10/2022

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

Chords	Tens.Comp.	Chords	Tens. Comp.
K - J	974 - 119	I - H	975 - 107
J - I	705 - 45		

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

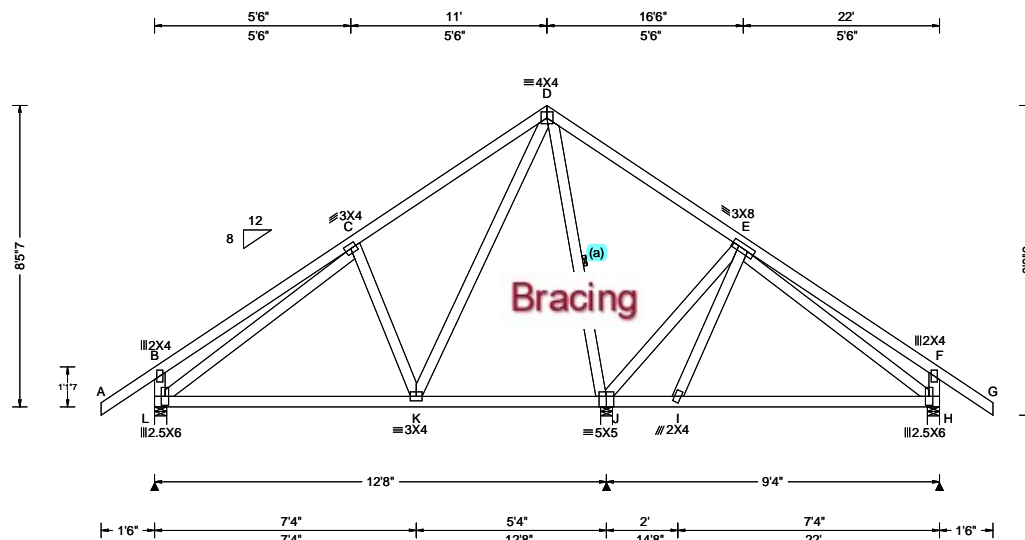
Webs	Tens.Comp.	Webs	Tens. Comp.
K - C	131 - 1191	D - I	465 - 124
J - D	462 - 124	E - H	130 - 1193

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Suite 305  
Orlando FL, 32821

SEQN: 647003 / FROM: CDM	COMN Ply: 1 Qty: 3	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: E03	Cust: R 215 JRef: 1XcX2150017 T18 DrwNo: 040.22.1708.44669 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.011 K 999 240 VERT(CL): 0.022 C 999 240 HORZ(LL): 0.006 C - - HORZ(TL): 0.011 C - - Creep Factor: 2.0 Max TC CSI: 0.431 Max BC CSI: 0.470 Max Web CSI: 0.415 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL L 623 - / - /382 /15 /256 J 1121 - / - /573 /3 - H 443 - / - /327 /26 - Non-Gravity Wind reactions based on MWFRS L Brg Wid = 4.0 Min Req = 1.5 J Brg Wid = 4.0 Min Req = 1.5 H Brg Wid = 4.0 Min Req = 1.5 Bearings L, J, & H are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp.

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Loading

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

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 8-5-7.

THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.



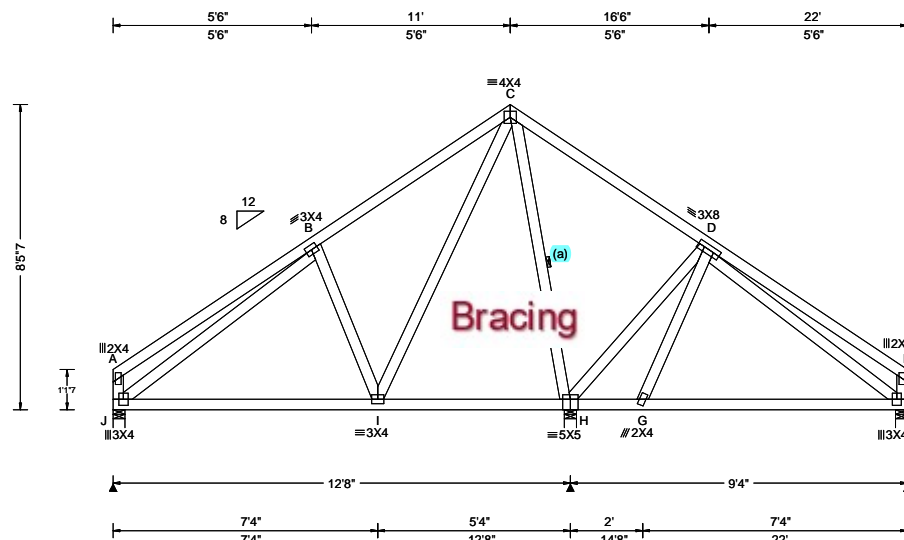
COA #0218

02/10/2022

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SEQN: 646948 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: E04	Cust: R 215 JRef: 1XcX2150017 T20 DrwNo: 040.22.1708.43497 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.011 I 999 240 VERT(CL): 0.022 B 999 240 HORZ(LL): 0.006 B - - HORZ(TL): 0.012 B - - Creep Factor: 2.0 Max TC CSI: 0.448 Max BC CSI: 0.471 Max Web CSI: 0.411 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL J 514 -/- /- /293 -/- /203 H 1137 -/- /- /573 /14 -/- F 330 -/- /- /223 /6 -/- Non-Gravity Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 H Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = 4.0 Min Req = 1.5 Bearings J, H, & F are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - C 199 -448 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. J - I 400 -139 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. J - B 35 -444 C - H 94 -678 I - C 533 -158 H - D 161 -462

#### Lumber

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

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 8-5-7.

THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.



COA #0278

02/10/2022

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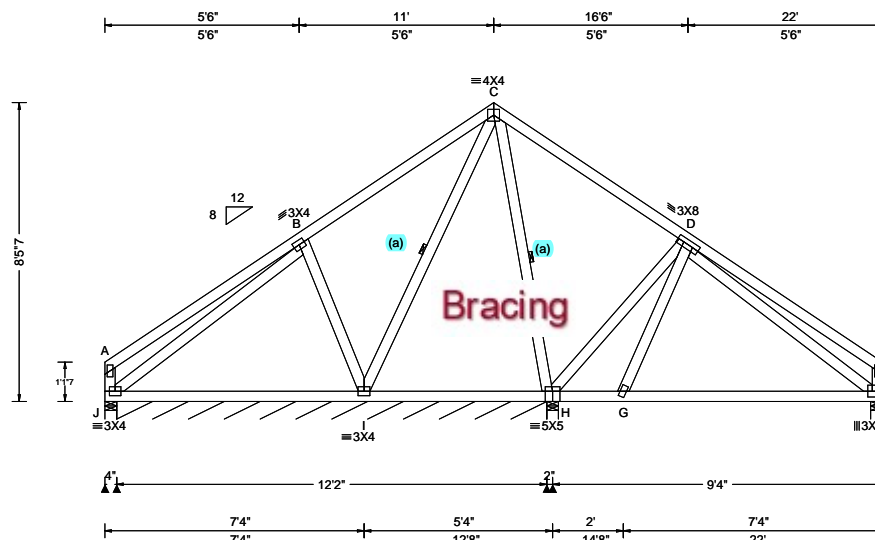
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SEQN: 646950 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: E05	Cust: R 215 JRef: 1XcX2150017 T40 DrwNo: 040.22.1708.39575 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 G 999 240 VERT(CL): 0.009 G 999 240 HORZ(LL): 0.003 E - - HORZ(TL): 0.005 E - - Creep Factor: 2.0 Max TC CSI: 0.448 Max BC CSI: 0.445 Max Web CSI: 0.316 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL J 263 - / - /153 - /203 J* 54 - / - /37 /4 - H 706 - / - /400 /7 - F 350 - / - /233 /3 - Non-Gravity Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 J Brg Wid = 146 Min Req = - H Brg Wid = 4.0 Min Req = 1.5 F Brg Wid = 4.0 Min Req = 1.5 Bearings J, J, H, & F are a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. H - D 161 -463

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 2X4 except as noted.

#### Loading

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

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 8-5-7.

THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.



COA #0278

02/10/2022

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COA #0278  
02/10/2022

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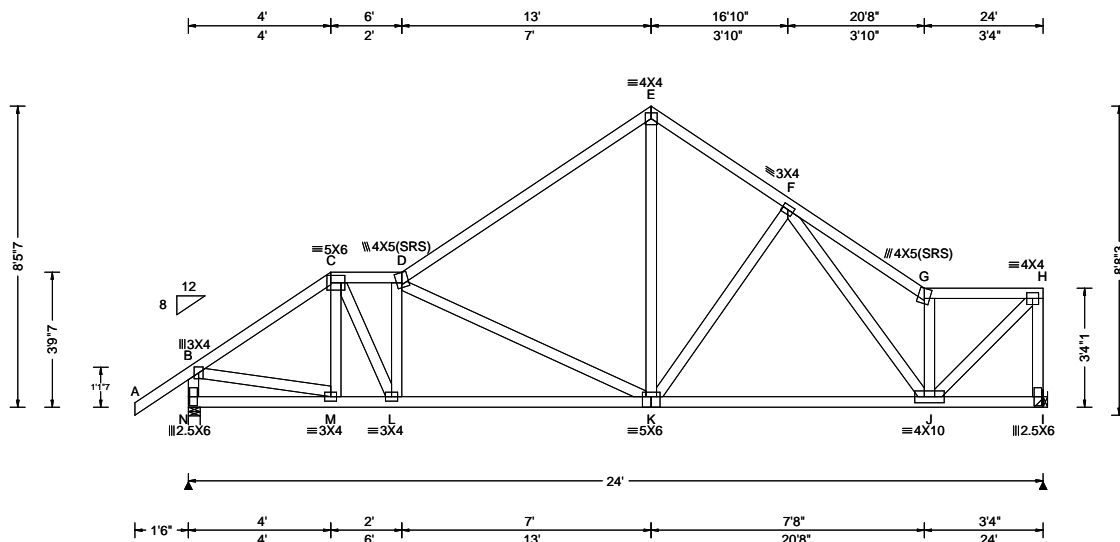
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SEQN: 646877 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: G02	Cust: R 215 JRef: 1XcX2150017 T57 DrwNo: 040.22.1708.44280 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.043 K 999 240 VERT(CL): 0.088 K 999 240 HORZ(LL): 0.016 C - - HORZ(TL): 0.033 C - - Creep Factor: 2.0 Max TC CSI: 0.615 Max BC CSI: 0.634 Max Web CSI: 0.764 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL N 1115 - / - / - / 671 / 7 / 201 I 1005 - / - / - / 533 / 30 / - Wind reactions based on MWFRS N Brg Wid = 4.0 Min Req = 1.5 I Brg Wid = - Bearing N is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. B - C 293 - 1237 E - F 314 - 977 C - D 352 - 1299 F - G 354 - 1250 D - E 292 - 1050 G - H 226 - 945 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. M - L 963 - 267 K - J 905 - 201 L - K 1348 - 354 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - N 317 - 1077 E - K 646 - 182 B - M 963 - 154 G - J 294 - 896 C - L 762 - 194 J - H 1301 - 310 L - D 196 - 587 H - I 256 - 991 D - K 250 - 642

#### Lumber

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

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 8-5-7.



COA #0278

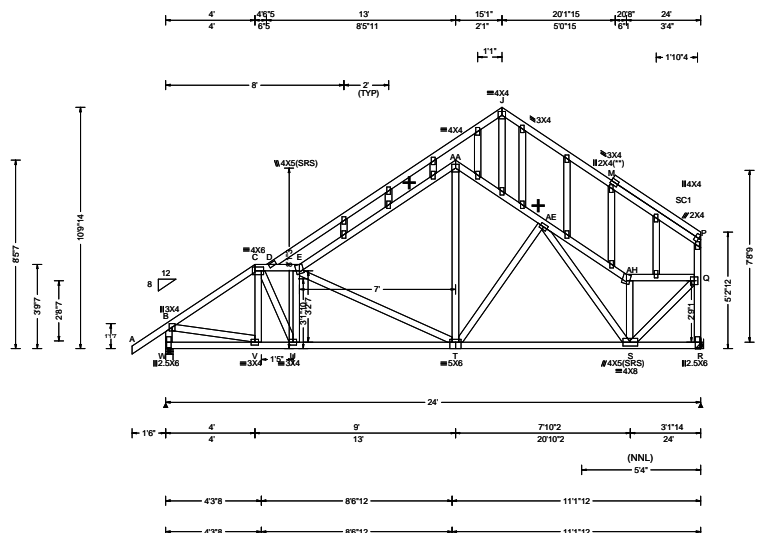
02/10/2022

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SEQN: 646885 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G03	Cust: R 215 JRef: 1XcX2150017 T5 DrwNo: 040.22.1708.44935 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.181 Y 999 240 VERT(CL): 0.376 Y 764 240 HORZ(LL): 0.114 G - - HORZ(TL): 0.238 G - - Creep Factor: 2.0 Max TC CSI: 0.622 Max BC CSI: 0.625 Max Web CSI: 0.847 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL W 1115 - / - / 741 - / 223 R 1005 - / - / 613 - / - Non-Gravity Wind reactions based on MWFRS W Brg Wid = 4.0 Min Req = 1.5 R Brg Wid = - Bearing W 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 319 - 1242 D - E 406 - 1065 C - D 360 - 1211

#### Lumber

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

#### Plating Notes

All plates are 2X4 except as noted.

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

#### Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 10-9-14.

+ Member to be laterally braced for horizontal wind loads. bracing system to be designed and furnished by others.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
V - U	971 - 284	T - S	853 - 162
U - T	1239 - 327		

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

Webs	Tens.Comp.	Webs	Tens. Comp.
B - W	275 - 1076	AA- T	584 - 154
B - V	973 - 178	AA-AE	320 - 871
C - U	537 - 124	AE-AH	266 - 911
U - E	132 - 381	AH- S	213 - 575
E - T	220 - 548	AH- Q	154 - 677
E -AA	301 - 796	S - Q	1124 - 239

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

Gables	Tens.Comp.
Q - R	254 - 996



COA #0278

02/10/2022

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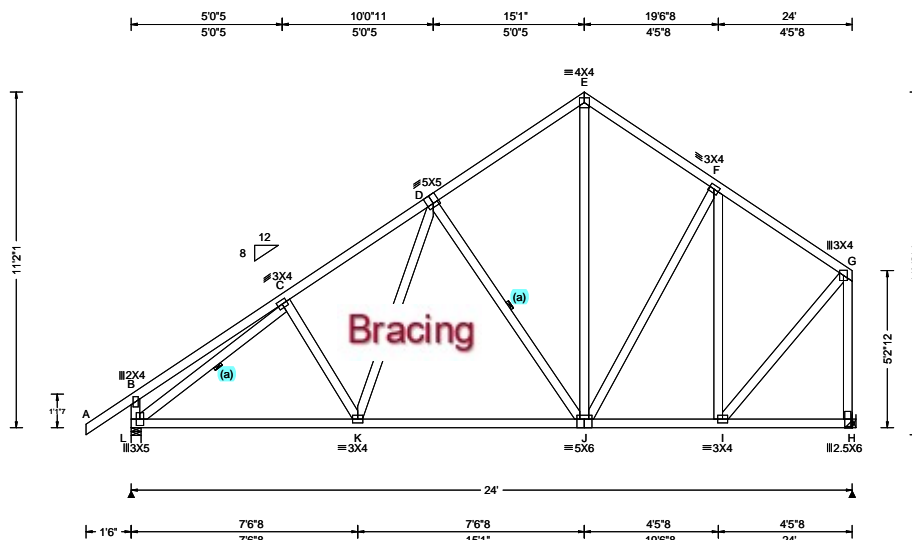
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SEQN: 647145 / FROM: CDM	COMN Ply: 1 Qty: 4	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G04	Cust: R 215 JRef: 1XcX2150017 T56 DrwNo: 040.22.1708.43154 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.039 K 999 240 VERT(CL): 0.074 K 999 240 HORZ(LL): 0.017 C - - HORZ(TL): 0.033 C - - Creep Factor: 2.0 Max TC CSI: 0.306 Max BC CSI: 0.628 Max Web CSI: 0.596 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL L 1212 - / - / 698 - / 262 H 1131 - / - / 570 - / - Wind reactions based on MWFRS L Brg Wid = 4.0 Min Req = 1.5 H Brg Wid = - Bearing L 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. C - D 288 - 1327 E - F 274 - 826 D - E 262 - 840 F - G 175 - 717

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Loading

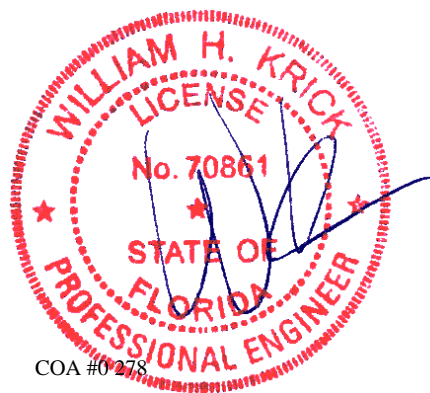
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 11'-2-1.



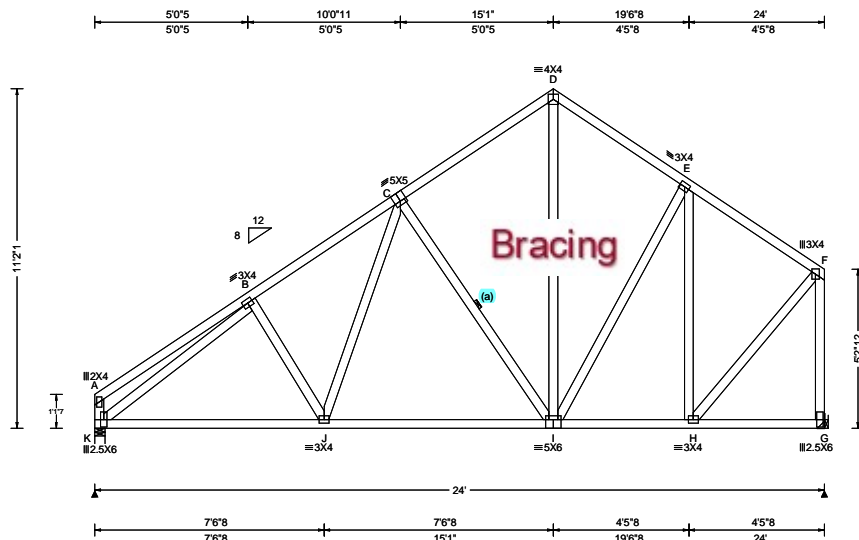
COA #0278

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SEQN: 646858 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: G05	Cust: R 215 JRef: 1XcX2150017 T45 DrwNo: 040.22.1708.43122 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.15 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.031 J 999 240 VERT(CL): 0.065 J 999 240 HORZ(LL): 0.014 B - - HORZ(TL): 0.029 B - - Creep Factor: 2.0 Max TC CSI: 0.307 Max BC CSI: 0.630 Max Web CSI: 0.945  VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL K 1008 - / - / /609 - / /243 G 1008 - / - / /572 - / - Wind reactions based on MWFRS K Brg Wid = 4.0 Min Req = 1.5 G Brg Wid = - Bearing K is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. B - C 305 -1177 D - E 275 -725 C - D 265 -738 E - F 176 -634

#### Lumber

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

#### Bracing

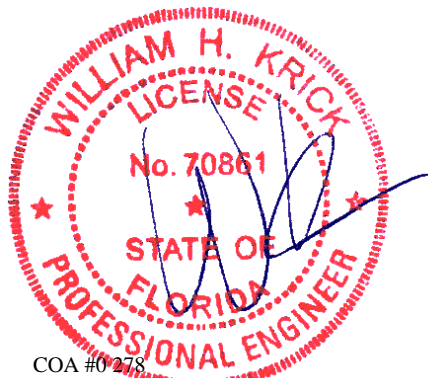
(a) Continuous lateral restraint equally spaced on member.

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 11'-2-1/2\"/>



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02/10/2022

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▲ Maximum Reactions (lbs)						
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	2492	-/-	-/-	-/-	/272	-/-
T	6963	-/-	-/-	-/-	/621	-/-

Wind reactions based on MWFRS

S Brg Wid = 4.0 Min Req = 2.9

T Brg Wid = 4.0 Min Req = -

Bearings S & T 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.
--------	------------	--------	-------------

A - B	409 - 3635	F - G	682 - 8886
B - C	388 - 3574	G - H	675 - 8930
C - D	365 - 3466	H - I	702 - 8194
D - E	319 - 3223	I - J	743 - 8725
E - F	321 - 3236	J - K	764 - 8803

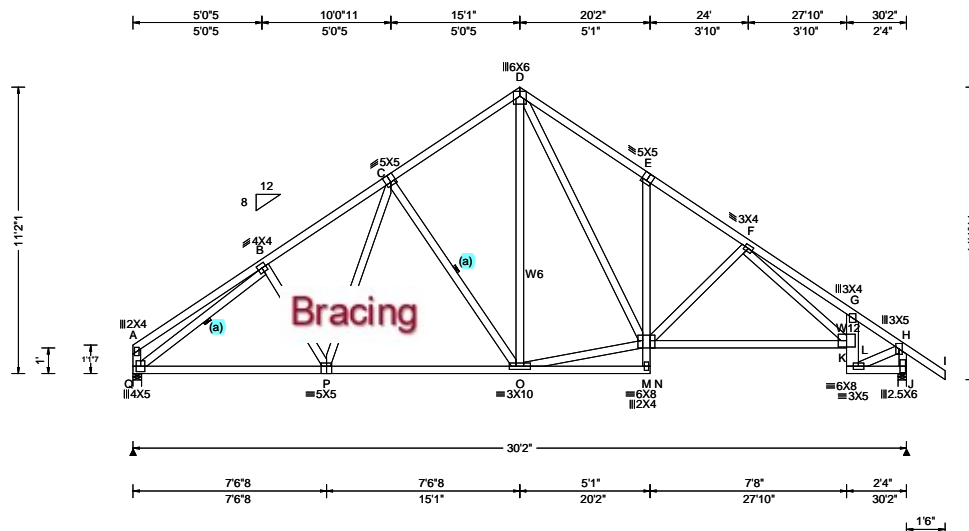
Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - R	2862	- 302	O - N	4461	- 372
R - Q	2854	- 300	N - M	7510	- 612
Q - P	2808	- 277	M - L	7470	- 607
P - O	4467	- 372	L - K	6799	- 582

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.		Webs	Tens. Comp.	
E - P	3143	- 205	M - H	990	- 110
P - F	238	- 3338	H - L	67	- 1567
F - N	6012	- 365	L - I	1041	- 59

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SEQN: 646914 / FROM: CDM	COMN Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G07	Cust: R 215 JRef: 1XcX2150017 T19 DrwNo: 040.22.1708.43810 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.02 ft Loc. from endwall: not in 9.00 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.116 E 999 240 VERT(CL): 0.230 E 999 240 HORZ(LL): 0.105 J - - HORZ(TL): 0.207 J - - Creep Factor: 2.0 Max TC CSI: 0.535 Max BC CSI: 0.952 Max Web CSI: 0.558 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Q 1355 - / - / - / 737 - / - / 313 J 1422 - / - / - / 824 - / - / - Wind reactions based on MWFRS Q Brg Wid = 4.0 Min Req = 1.6 J Brg Wid = 4.0 Min Req = 1.7 Bearings Q & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 401 - 1727 E - F 377 - 1784 C - D 367 - 1258 F - G 542 - 2876 D - E 490 - 1781 G - H 272 - 1372

#### Lumber

Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #3; W6 2x4 SP #2;  
W12 2x6 SP 2400f-2.0E;

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Loading

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

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 11-2-1.



COA #0278  
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#### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
Q - P	1418 - 193	M - L	1720 - 216
P - O	1249 - 103		

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

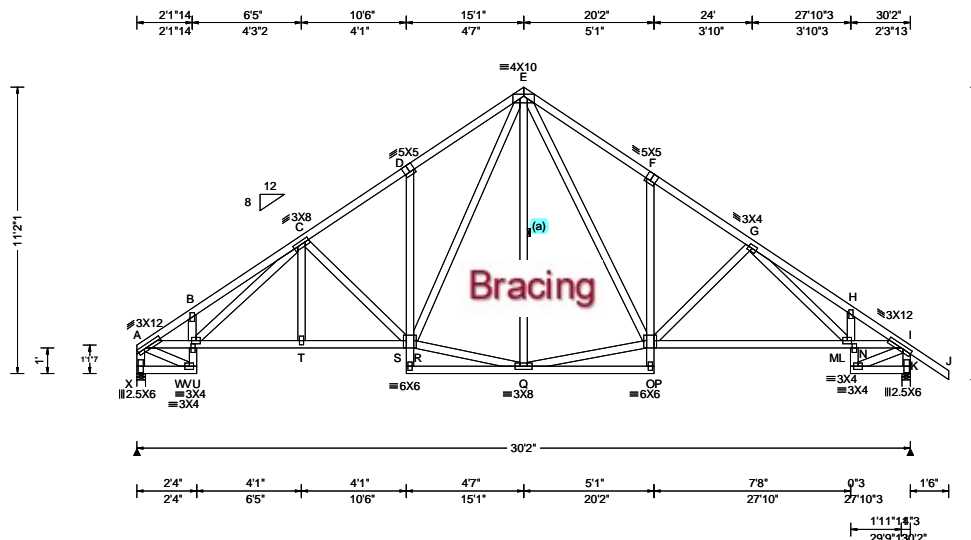
Webs	Tens.Comp.	Webs	Tens. Comp.
Q - B	267 - 1750	M - F	139 - 405
C - O	182 - 489	F - L	859 - 161
D - O	390 - 139	L - G	204 - 995
D - M	969 - 247	K - H	1158 - 170
O - M	998 - 43	H - J	330 - 1424

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SEQN: 646963 / FROM: CDM	COMN Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G08	Cust: R 215 JRRef: 1XcX2150017 T37 DrwNo: 040.22.1708.44435 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.02 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.096 D 999 240 VERT(CL): 0.198 D 999 240 HORZ(LL): 0.089 M - - HORZ(TL): 0.185 M - - Creep Factor: 2.0 Max TC CSI: 0.284 Max BC CSI: 0.735 Max Web CSI: 0.562 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL X 1265 - / - / /737 /8 /313 K 1373 - / - / /826 /13 /- Wind reactions based on MWFRS X Brg Wid = 4.0 Min Req = 1.5 K Brg Wid = 4.0 Min Req = 1.6 Bearings X & 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.

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 2X4 except as noted.

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

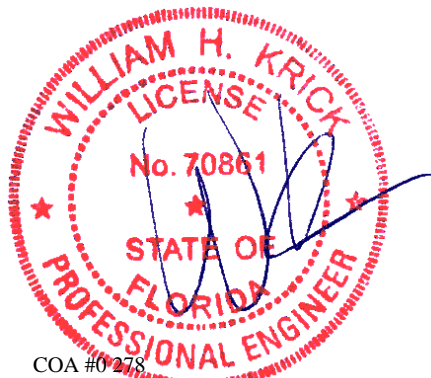
The overall height of this truss excluding overhang is 11-2-1.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
A - W	1990 -367	O - N	1611 -208
W - V	1994 -355	N - L	1986 -281
V - T	1613 -202	L - I	1992 -278
T - R	1617 -202		

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

Webs	Tens.Comp.	Webs	Tens. Comp.
A - X	257 -1243	E - O	968 -248
V - C	542 -241	Q - O	901 -44
C - R	140 -419	G - N	576 -87
R - E	965 -232	I - K	332 -1351
R - Q	894 -41		



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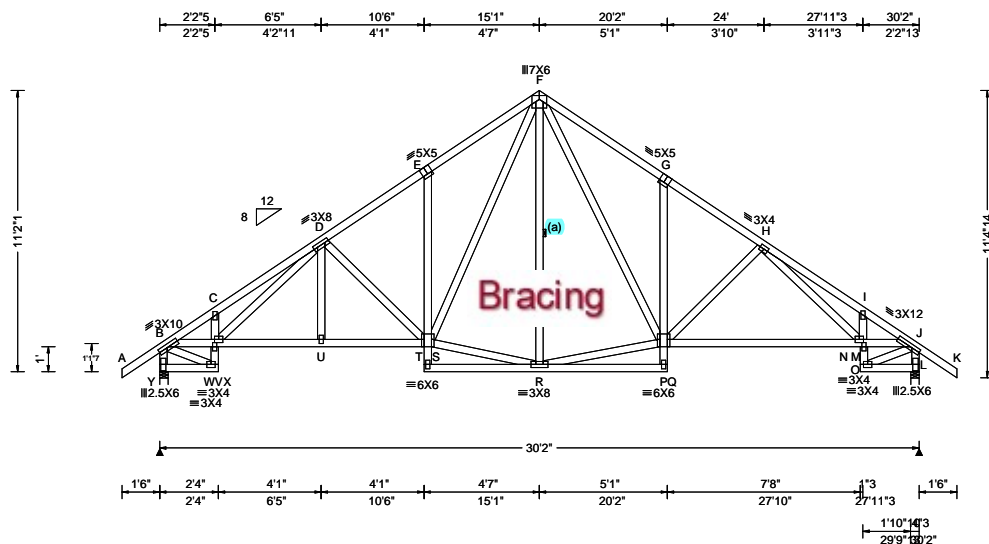
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SEQN: 646966 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G09	Cust: R 215 JRef: 1XcX2150017 T6 DrwNo: 040.22.1708.44858 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.02 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.096 G 999 240 VERT(CL): 0.197 G 999 240 HORZ(LL): 0.089 N - - HORZ(TL): 0.184 N - - Creep Factor: 2.0 Max TC CSI: 0.324 Max BC CSI: 0.746 Max Web CSI: 0.559  VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Y 1371 -/- /- /826 /13 /332 L 1371 -/- /- /826 /13 /- Wind reactions based on MWFRS Y Brg Wid = 4.0 Min Req = 1.6 L Brg Wid = 4.0 Min Req = 1.6 Bearings Y & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 417 -2372 F - G 487 -1685 C - D 468 -2347 G - H 376 -1680 D - E 380 -1638 H - I 461 -2428 E - F 478 -1624 I - J 405 -2459

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 2X4 except as noted.

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 11-2-1.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
B - X	1922 -363	P - O	1607 -205
X - V	1926 -351	O - M	1996 -279
V - U	1598 -188	M - J	2003 -276
U - S	1601 -188		

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

Webs	Tens.Comp.	Webs	Tens. Comp.
B - Y	332 -1348	F - P	967 -247
V - D	498 -237	R - P	898 -44
D - S	130 -408	H - O	592 -88
S - F	956 -228	J - L	331 -1348
S - R	891 -41		

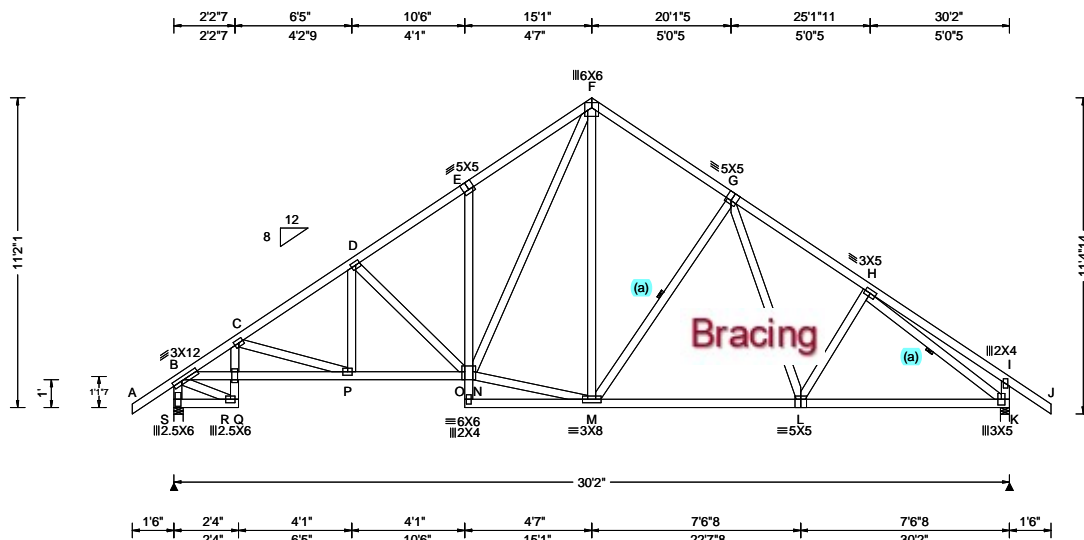


COA #0278  
02/10/2022

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SEQN: 646970 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G10	Cust: R 215 JRef: 1XcX2150017 T42 DrwNo: 040.22.1708.44826 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.02 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.081 E 999 240 VERT(CL): 0.167 E 999 240 HORZ(LL): 0.059 I - - HORZ(TL): 0.123 I - - Creep Factor: 2.0 Max TC CSI: 0.273 Max BC CSI: 0.666 Max Web CSI: 0.500  VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL S 1371 - / - / - /826 /14 /332 K 1371 - / - / - /826 /14 -/ Wind reactions based on MWFRS S Brg Wid = 4.0 Min Req = 1.6 K Brg Wid = 4.0 Min Req = 1.6 Bearings S & K are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. B - C 428 -2411 E - F 479 -1626 C - D 388 -1977 F - G 364 -1164 D - E 381 -1634 G - H 384 -1558

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 3X4 except as noted.

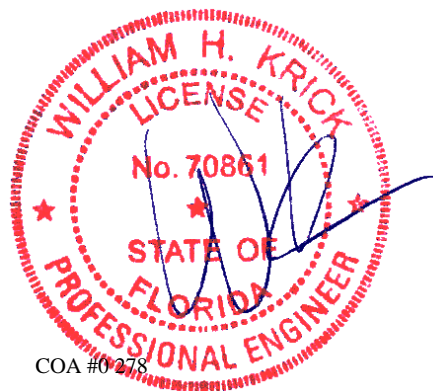
#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 11'-2-1/2".



COA #0 278

02/10/2022

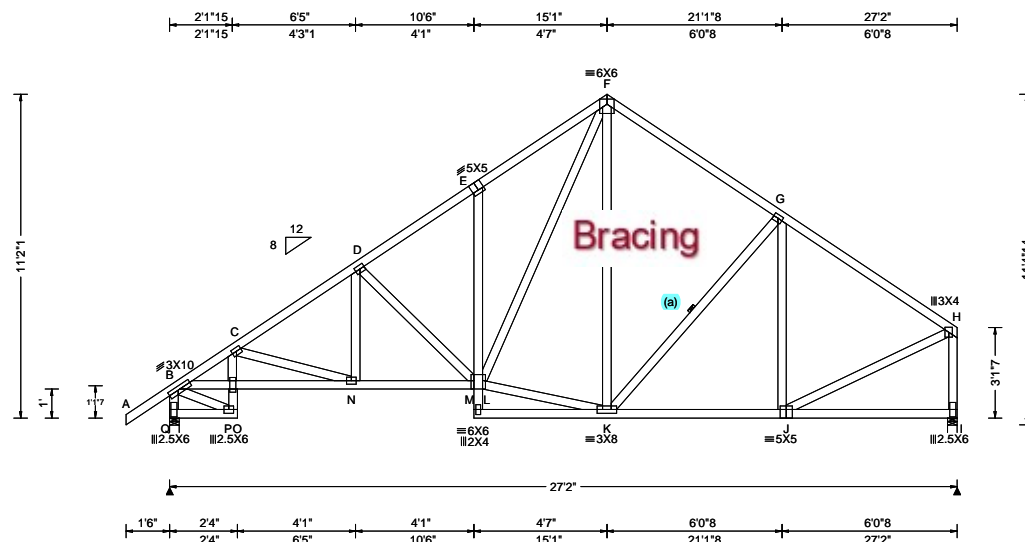
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SEQN: 646973 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G11	Cust: R 215 JRef: 1XcX2150017 T43 DrwNo: 040.22.1708.42154 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.062 E 999 240 VERT(CL): 0.129 E 999 240 HORZ(LL): 0.041 I - - HORZ(TL): 0.086 I - - Creep Factor: 2.0 Max TC CSI: 0.492 Max BC CSI: 0.490 Max Web CSI: 0.577  VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Q 1248 - / - / /764 /10 /280 I 1139 - / - / /631 /9 - Wind reactions based on MWFRS Q Brg Wid = 4.0 Min Req = 1.5 I Brg Wid = 4.0 Min Req = 1.5 Bearings Q & I are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. B - C 457 -2167 E - F 449 -1390 C - D 364 -1745 F - G 323 -982 D - E 349 -1401 G - H 252 -1075

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 3X4 except as noted.

#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 11'-2-1/2".



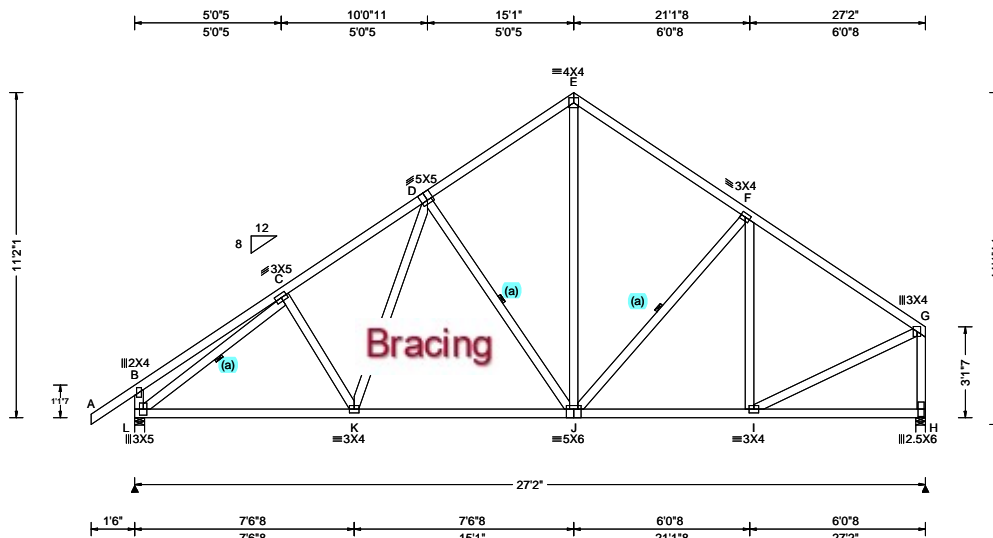
COA #0278

02/10/2022

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SEQN: 647005 / FROM: CDM	COMN Ply: 1 Qty: 3	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G12	Cust: R 215 JRef: 1XcX2150017 T44 DrwNo: 040.22.1708.40622 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.040 D 999 240 VERT(CL): 0.083 D 999 240 HORZ(LL): 0.017 C - - HORZ(TL): 0.036 C - - Creep Factor: 2.0 Max TC CSI: 0.489 Max BC CSI: 0.648 Max Web CSI: 0.506 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL L 1248 - / - / /765 /201 /280 H 1139 - / - / /632 /183 - / - Wind reactions based on MWFRS L Brg Wid = 4.0 Min Req = 1.5 H Brg Wid = 4.0 Min Req = 1.5 Bearings L & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. C - D 343 -1368 E - F 323 -983 D - E 320 -957 F - G 252 -1074

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

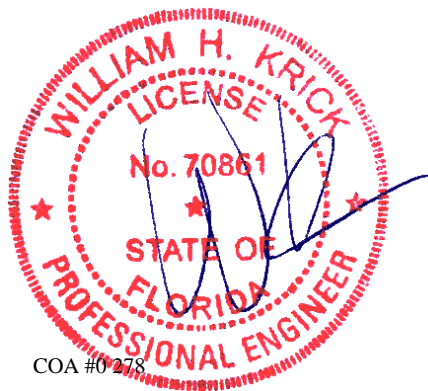
#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

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



COA #0278

02/10/2022

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

Chords	Tens.Comp.	Chords	Tens. Comp.
L - K	1132 -241	J - I	827 -133
K - J	974 -157		

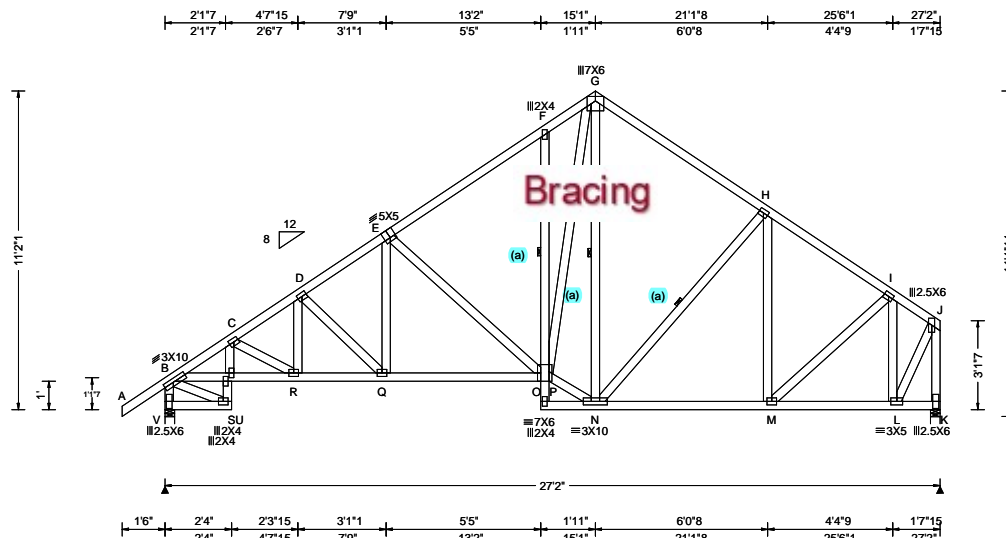
#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
L - C	190 -1397	I - G	887 -136
D - J	184 -446	G - H	244 -1088
E - J	623 -223		

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SEQN: 646932 / FROM: CDM	COMN Ply: 1 Qty: 4	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: G13	Cust: R 215 JRef: 1XcX2150017 T38 DrwNo: 040.22.1708.44450 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.064 F 999 240 VERT(CL): 0.128 F 999 240 HORZ(LL): 0.047 K - - HORZ(TL): 0.094 K - - Creep Factor: 2.0 Max TC CSI: 0.371 Max BC CSI: 0.481 Max Web CSI: 0.525 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL V 1275 - / - / /764 /200 /280 K 1211 - / - / /631 /183 - / - Wind reactions based on MWFRS V Brg Wid = 4.0 Min Req = 1.5 K Brg Wid = 4.0 Min Req = 1.5 Bearings V & 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 399 - 1982 F - G 404 - 1174 C - D 387 - 1899 G - H 319 - 1027 D - E 363 - 1654 H - I 267 - 1118 E - F 329 - 1258 I - J 126 - 573

#### Lumber

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

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

#### Plating Notes

All plates are 3X4 except as noted.

#### Loading

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

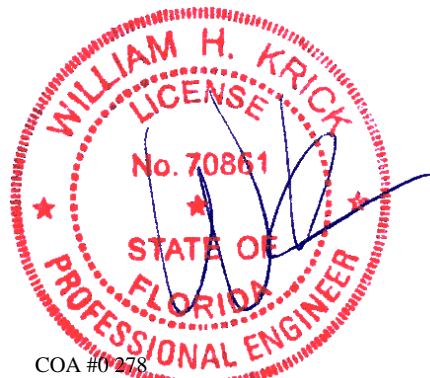
#### Wind

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

End verticals not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 11'-2-1/2".



COA #0278

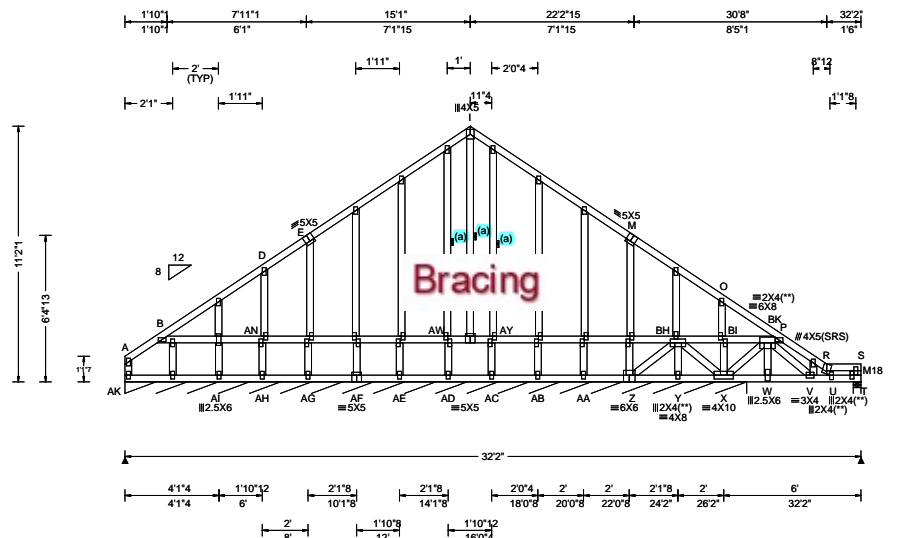
02/10/2022

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SEQN: 647143 FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: G14	Cust: R 215 JRef: 1XcX2150017 T36 DrwNo: 041.22.0631.29330 SSB / WHK 02/10/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.22 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.035 V 999 240 VERT(CL): 0.072 V 999 240 HORZ(LL): 0.017 N - - HORZ(TL): 0.035 N - - Creep Factor: 2.0 Max TC CSI: 0.703 Max BC CSI: 0.523 Max Web CSI: 0.487  VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL AK* 308 -/- /- /51 -/ T 393 -/- /- /67 -/ Z -/-217 Y -/-240 Wind reactions based on MWFRS AK Brg Wid = 326 Min Req = - T Brg Wid = 4.0 Min Req = 1.5 Bearings AK & T are a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp.

**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #3; M18 2x6 SP #2;

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

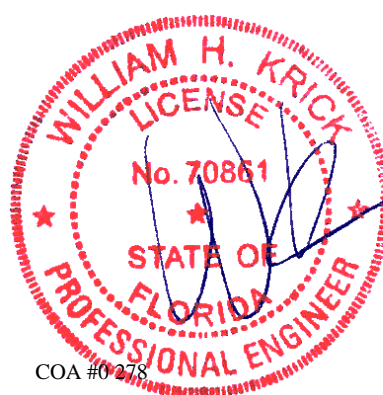
**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at 0.00 to 64 plf at 32.17  
BC: From 20 plf at 0.00 to 20 plf at 32.17  
TC: 328 lb Conc. Load at 6.01  
TC: 155 lb Conc. Load at 8.06, 10.06, 12.06, 14.06  
16.08, 18.10, 20.10, 22.10, 24.10  
TC: 302 lb Conc. Load at 26.16  
BC: 433 lb Conc. Load at 6.01  
BC: 109 lb Conc. Load at 8.06, 10.06, 12.06, 14.06  
16.08, 18.10, 20.10, 22.10, 24.10  
BC: 429 lb Conc. Load at 26.16  
BC: 723 lb Conc. Load at 27.23, 28.10  
BC: 737 lb Conc. Load at 30.10

**Plating Notes**  
All plates are 2X4 except as noted.  
(\*\*) 4 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

**Loading**  
Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

**Wind**  
Wind loads and reactions based on MWFRS.  
End verticals not exposed to wind pressure.

**Additional Notes**  
See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.  
The overall height of this truss excluding overhang is 11'-2".  
Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



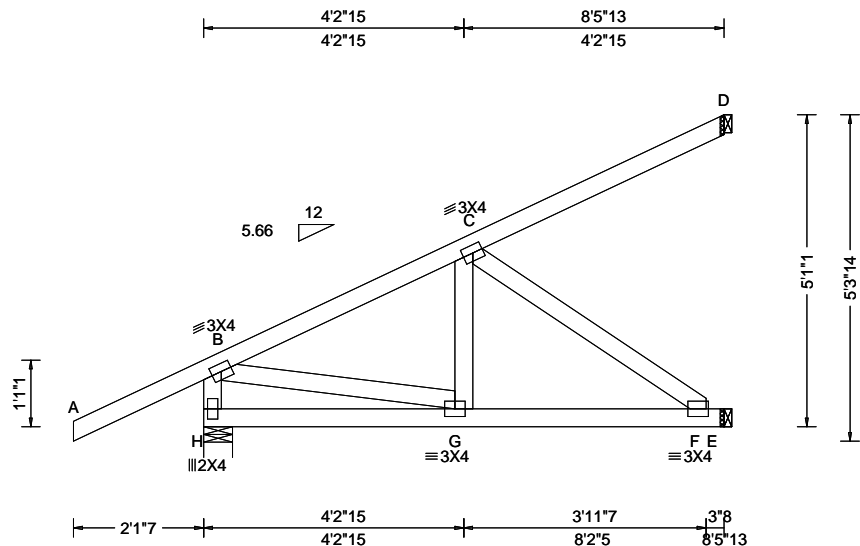
COA #0278  
02/10/2022

▲ Maximum Reactions (lbs), or *PLF					
Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U / RL
AK* 308	-/-	-/-	-/-	/51	-/-
T 393	-/-	-/-	-/-	/67	-/-
Z	-/-	-217			
Y	-/-	-240			
Wind reactions based on MWFRS					
AK Brg Wid = 326 Min Req = -					
T Brg Wid = 4.0 Min Req = 1.5					
Bearings AK & T 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.
P - R	96	-485			
Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.	Comp.	Chords	Tens.	Comp.
Z - Y	105	-783	V - U	393	-79
Y - X	105	-783			
Maximum Web Forces Per Ply (lbs)					
Webs	Tens.	Comp.	Webs	Tens.	Comp.
AN-AH	138	-433	BI - X	185	-770
AW-AD	126	-433	BI-BK	1935	-287
AY-AC	125	-425	X - BK	359	-2335
Z - BH	1042	-147	BK - P	95	-508
BH-BI	1903	-279	BK - V	983	-155
BH - X	259	-1656			
Maximum Gable Forces Per Ply (lbs)					
Gables	Tens.	Comp.	Gables	Tens.	Comp.
D - AN	138	-439	BK - W	1185	-158
BI - O	143	-441			

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SEQN: 646979 / FROM: CDM	HIP_ Qty: 2	Ply: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: HJ01	Cust: R 215 JRef: 1XcX2150017 T26 DrwNo: 040.22.1708.42826 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.012 F 999 240 VERT(CL): 0.024 F 999 240 HORZ(LL): 0.005 C - - HORZ(TL): 0.009 C - - Creep Factor: 2.0 Max TC CSI: 0.680 Max BC CSI: 0.711 Max Web CSI: 0.208 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 327 -/- /- /165 -/ E 368 -/- /- /25 -/ D 186 -/- /- /19 -/- Wind reactions based on MWFRS H Brg Wid = 5.7 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing H is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp.

#### Lumber

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

#### Special Loads

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

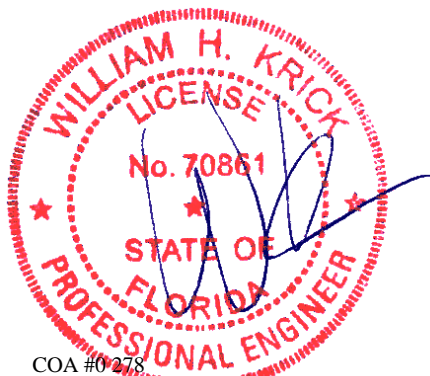
TC: From	0 plf at	-2.12 to	62 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	8.49
BC: From	0 plf at	-2.12 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	8.49
TC:	-41 lb Conc. Load at	1.48		
TC:	140 lb Conc. Load at	4.31		
TC:	289 lb Conc. Load at	7.13		
BC:	40 lb Conc. Load at	1.48		
BC:	120 lb Conc. Load at	4.31		
BC:	200 lb Conc. Load at	7.13		

#### Wind

Wind loads and reactions based on MWFRS.  
Left end vertical not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 5'-1-1.



COA #0278

02/10/2022

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

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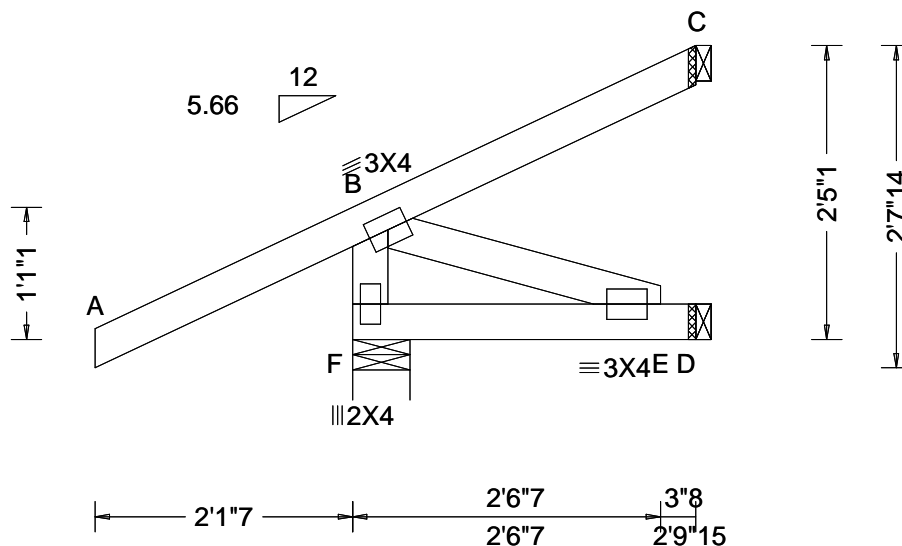
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SEQN: 646871 / FROM: CDM	HIP_ Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: HJ02	Cust: R 215 JRef: 1XcX2150017 T53 DrwNo: 040.22.1708.39638 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 E 999 240 VERT(CL): 0.003 E 999 240 HORZ(LL): 0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.206 Max BC CSI: 0.077 Max Web CSI: 0.051 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity F 165 /- /- /- /109 /- D 54 /- /- /- /1 /- C 13 /-32 /- /- /76 /- Wind reactions based on MWFRS F Brg Wid = 5.7 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing F is a rigid surface. Members not listed have forces less than 375#

#### Lumber

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

#### Special Loads

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

TC: From 0 plf at -2.12 to 62 plf at 0.00  
TC: From 2 plf at 0.00 to 2 plf at 2.83  
BC: From 0 plf at -2.12 to 4 plf at 0.00  
BC: From 2 plf at 0.00 to 2 plf at 2.83  
TC: -41 lb Conc. Load at 1.48  
BC: 40 lb Conc. Load at 1.48

#### Wind

Wind loads and reactions based on MWFRS.  
Left end vertical not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 2'-5-1/2".



COA #0278

02/10/2022

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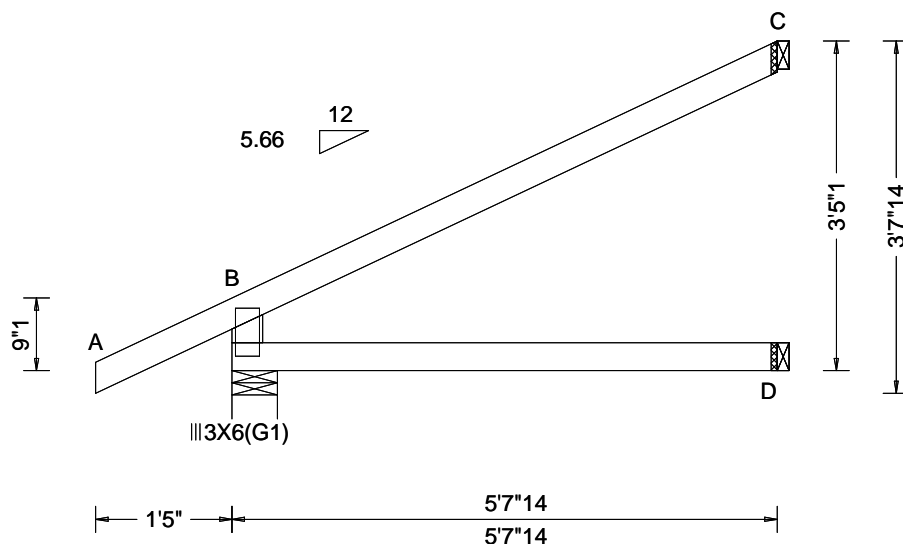
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SEQN: 646847 / FROM: CDM	HIP_ Qty: 2	Ply: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: HJ03	Cust: R 215 JRef: 1XcX2150017 T16 DrwNo: 040.22.1708.40575 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.010 B - - HORZ(TL): 0.023 B - - Creep Factor: 2.0 Max TC CSI: 0.497 Max BC CSI: 0.378 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 218 - / - / - /63 - / - D 108 - / - / - /10 - / - C 130 - / - / - /64 - / - Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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;  
Lt Stub Wedge: 2x4 SP #3;

#### Special Loads

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

TC: From 0 plf at -1.41 to 62 plf at 0.00  
TC: From 2 plf at 0.00 to 2 plf at 5.66  
BC: From 0 plf at -1.41 to 4 plf at 0.00  
BC: From 2 plf at 0.00 to 2 plf at 5.66  
TC: 8 lb Conc. Load at 1.48  
TC: 165 lb Conc. Load at 4.31  
BC: 33 lb Conc. Load at 1.48  
BC: 115 lb Conc. Load at 4.31

#### Wind

Wind loads and reactions based on MWFRS.

#### Additional Notes

The overall height of this truss excluding overhang is 3-5-1.



COA #0278  
02/10/2022

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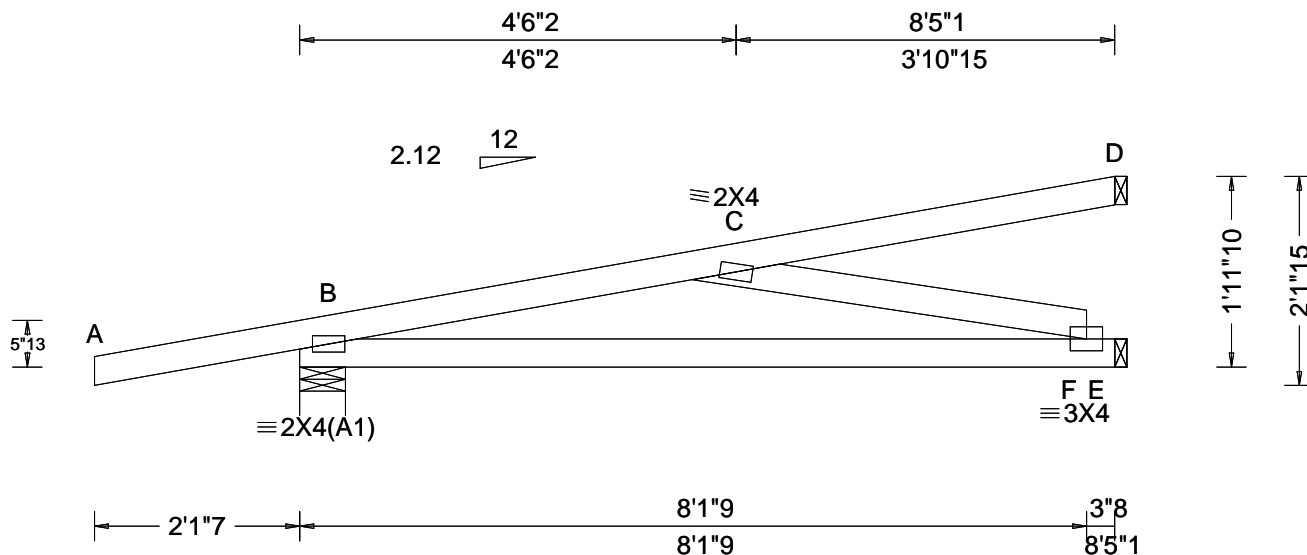
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SEQN: 646827 / FROM: CDM	HIP_ Qty: 1	Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: HJ04	Cust: R 215 JRef: 1XcX2150017 T7 DrwNo: 040.22.1708.39404 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.024 C 999 240 VERT(CL): 0.047 C 999 240 HORZ(LL): 0.004 F - - HORZ(TL): 0.007 F - - Creep Factor: 2.0 Max TC CSI: 0.524 Max BC CSI: 0.613 Max Web CSI: 0.904 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 318 -/- /- /130 -/ E 324 -/- /- /41 -/ D 173 -/- /- /49 -/ Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - C 204 -613 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - F 609 -190 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. C - F 197 -617

#### Lumber

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

#### Special Loads

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

TC: From 0 plf at -2.12 to 60 plf at 0.00	TC: From 2 plf at 0.00 to 2 plf at 8.42
BC: From 0 plf at -2.12 to 4 plf at 0.00	BC: From 2 plf at 0.00 to 2 plf at 8.42
TC: -21 lb Conc. Load at 1.48	TC: -15 lb Conc. Load at 1.65
TC: 61 lb Conc. Load at 4.31	TC: 65 lb Conc. Load at 4.48
TC: 126 lb Conc. Load at 7.13	TC: 129 lb Conc. Load at 7.31
BC: 7 lb Conc. Load at 1.48	BC: 11 lb Conc. Load at 1.65
BC: 50 lb Conc. Load at 4.31	BC: 53 lb Conc. Load at 4.48
BC: 90 lb Conc. Load at 7.13	BC: 92 lb Conc. Load at 7.31

#### Wind

Wind loads and reactions based on MWFRS.

#### Additional Notes

The overall height of this truss excluding overhang is 1'-11"-10.



COA #0 278

02/10/2022

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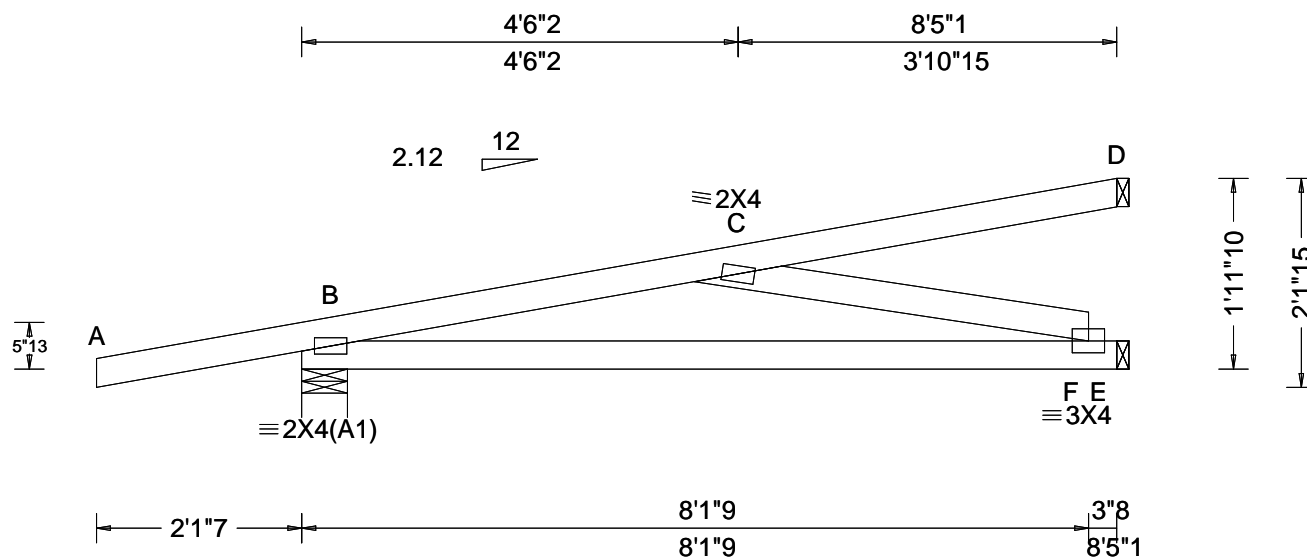
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SEQN: 647133 FROM: CDM	HIP_ Qty: 1	Ply: 1 Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: HJ05	Cust: R 215 JRef: 1XcX2150017 T35 DrwNo: 041.22.0631.03427 SSB / WHK 02/10/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.025 C 999 240 VERT(CL): 0.050 C 999 240 HORZ(LL): 0.004 F - - HORZ(TL): 0.007 F - - Creep Factor: 2.0 Max TC CSI: 0.514 Max BC CSI: 0.645 Max Web CSI: 0.586 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 318 -/- /- /132 -/ E 320 -/- /- /44 -/ D 147 -/- /- /41 -/ Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375# <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - C 213 -657 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - F 653 -200 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. C - F 207 -661

#### Lumber

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

#### Special Loads

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

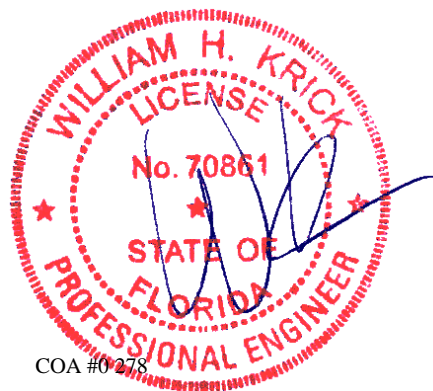
TC: From 0 plf at -2.12 to 60 plf at 0.00  
TC: From 2 plf at 0.00 to 2 plf at 8.42  
BC: From 0 plf at -2.12 to 4 plf at 0.00  
BC: From 2 plf at 0.00 to 2 plf at 8.42  
TC: -21 lb Conc. Load at 1.48  
TC: -15 lb Conc. Load at 1.65  
TC: 61 lb Conc. Load at 4.31  
TC: 65 lb Conc. Load at 4.48  
TC: 118 lb Conc. Load at 6.77  
TC: 126 lb Conc. Load at 7.13  
BC: 7 lb Conc. Load at 1.48  
BC: 11 lb Conc. Load at 1.65  
BC: 50 lb Conc. Load at 4.31  
BC: 53 lb Conc. Load at 4.48  
BC: 85 lb Conc. Load at 6.77  
BC: 90 lb Conc. Load at 7.13

#### Wind

Wind loads and reactions based on MWFRS.

#### Additional Notes

The overall height of this truss excluding overhang is 1'-11"-10.



COA #0278

02/10/2022

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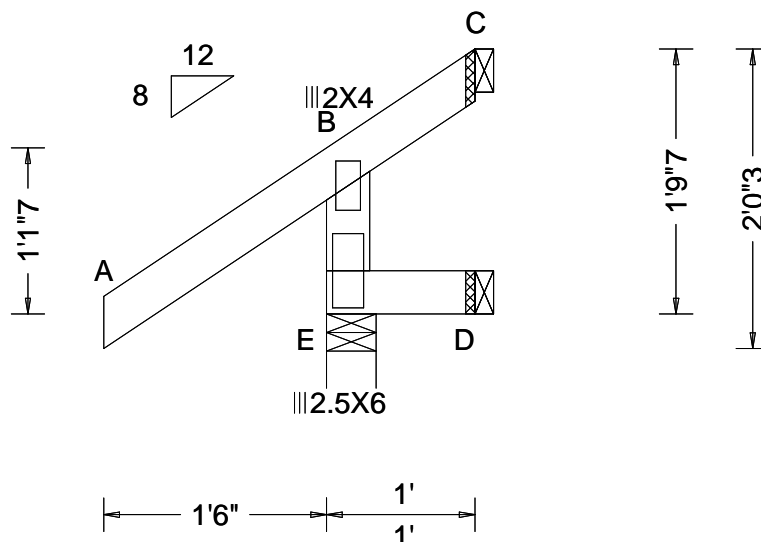
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6750 Forum Drive  
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SEQN: 646869 / FROM: CDM	JACK Ply: 1 Qty: 6	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J01	Cust: R 215 JRef: 1XcX2150017 T24 DrwNo: 040.22.1708.42419 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 240 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.167 Max BC CSI: 0.010 Max Web CSI: 0.078 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 223 /- /- /217 /82 /- D 20 /- /- /13 /- /- C - /-45 /- /58 /85 /46 Wind reactions based on MWFRS E Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing E is a rigid surface. Members not listed have forces less than 375#

#### Lumber

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

#### Wind

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

Left end vertical not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 1'-9".



COA #0278

02/10/2022

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

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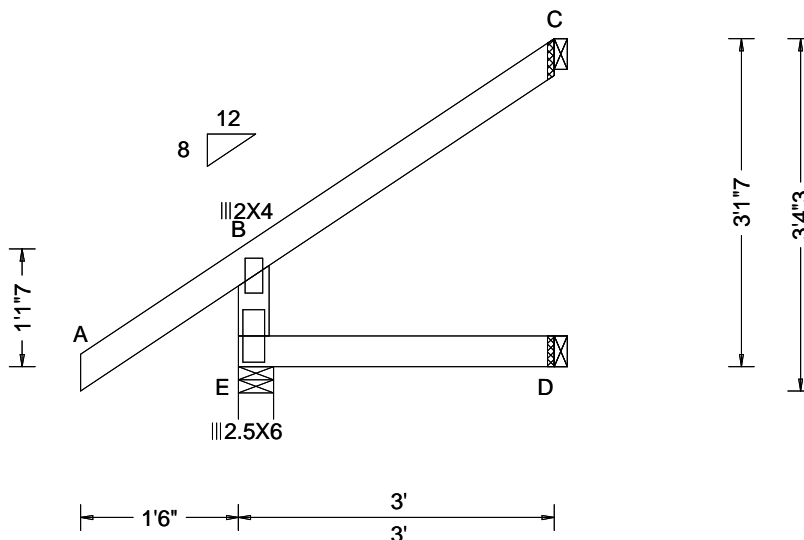
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6750 Forum Drive  
Suite 305  
Orlando FL, 32821

SEQN: 646956 / FROM: CDM	JACK Ply: 1 Qty: 4	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: J02	Cust: R 215 JRef: 1XcX2150017 T23 DrwNo: 040.22.1708.39669 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 240 HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.175 Max BC CSI: 0.098 Max Web CSI: 0.074 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 255 /- /- /230 /89 /- D 60 /- /- /40 /- /- C 70 /- /- /58 /18 /84 Wind reactions based on MWFRS E Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing E is a rigid surface. Members not listed have forces less than 375#

#### Lumber

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

#### Wind

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

Left end vertical not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 3-1-7.



COA #0218

02/10/2022

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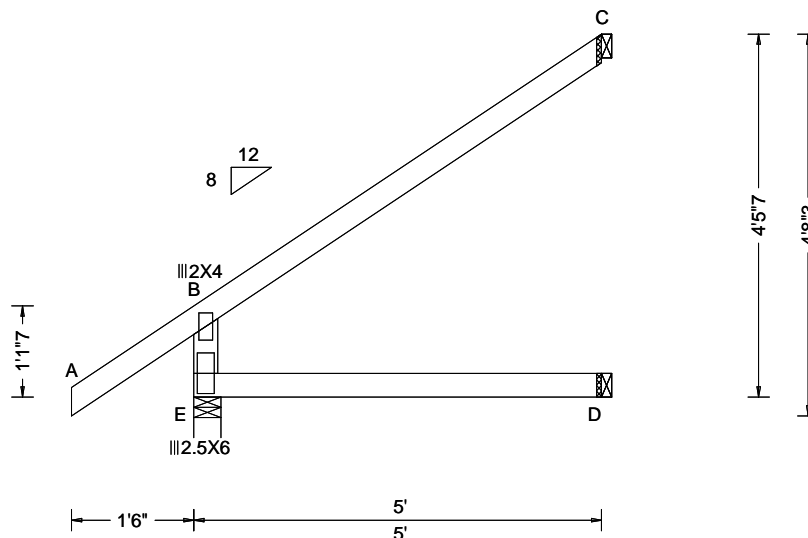
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6750 Forum Drive  
Suite 305  
Orlando FL, 32821

SEQN: 646954 / FROM: CDM	JACK Ply: 1 Qty: 4	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: J03	Cust: R 215 JRef: 1XcX2150017 T22 DrwNo: 040.22.1708.43950 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240	E	329	/-	/-	/283	/112	/-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 B 999 240	D	100	/-	/-	/67	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 B - -	C	145	/-	/-	/76	/-	/123
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	E	Brg Wid = 4.0 Min Req = 1.5					
Soffit: 2.00	TCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.401	D	Brg Wid = 1.5					
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.297	C	Brg Wid = 1.5					
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.086	Bearing E is a rigid surface.						
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		Members not listed have forces less than 375#						
	Loc. from endwall: Any	Plate Type(s):								
	GCpi: 0.18									
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20							

#### 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.  
Left end vertical not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 4-5-7.



COA #0218

02/10/2022

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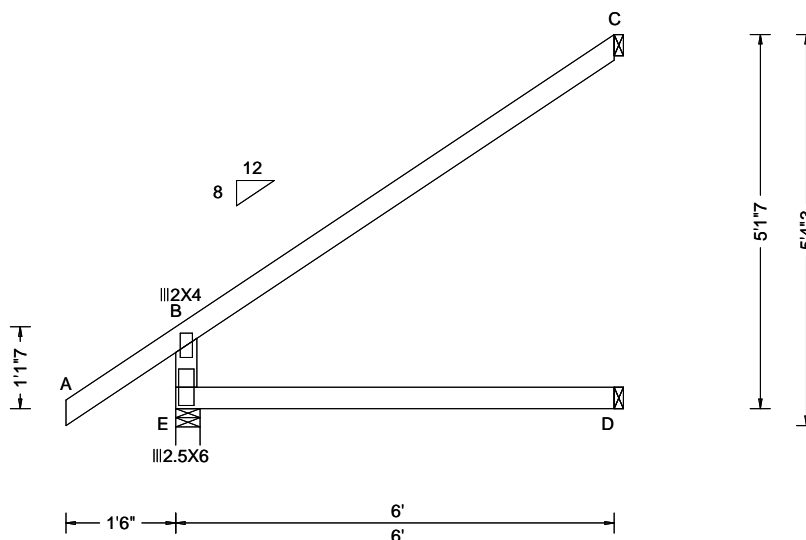
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6750 Forum Drive  
Suite 305  
Orlando FL, 32821

SEQN: 646952 / FROM: CDM	EJAC Ply: 1 Qty: 6	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J04	Cust: R 215 JRef: 1XcX2150017 T25 DrwNo: 040.22.1708.40372 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240	E	368	/-	/-	/312	/124	/-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 B 999 240	D	120	/-	/-	/80	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 B - -	C	179	/-	/-	/86	/-	/142
	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -	Wind reactions based on MWFRS						
Des Ld: 40.00	Mean Height: 15.00 ft		Creep Factor: 2.0	E Brg Wid = 4.0 Min Req = 1.5						
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Max TC CSI: 0.635	D Brg Wid = 1.5						
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max BC CSI: 0.442	C Brg Wid = 1.5						
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.092	Bearing E is a rigid surface.						
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes		Members not listed have forces less than 375#						
	Loc. from endwall: Any	FT/RT:20(0)/10(0)								
	GCpi: 0.18	Plate Type(s):								
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20							

Wind reactions based on MWFRS  
E Brg Wid = 4.0 Min Req = 1.5  
D Brg Wid = 1.5  
C Brg Wid = 1.5  
Bearing E is a rigid surface.  
Members not listed have forces less than 375#

#### Lumber

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

#### Wind

Wind loads based on MWFRS with additional C&C member design.  
Left end vertical not exposed to wind pressure.

#### Additional Notes

The overall height of this truss excluding overhang is 5-1-7.



COA #0278  
02/10/2022

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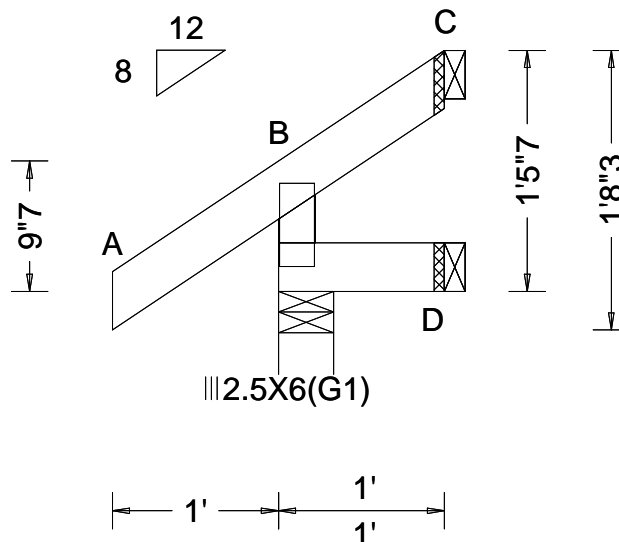
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AN ITW COMPANY  
6750 Forum Drive  
Suite 305  
Orlando FL, 32821

SEQN: 646841 / FROM: CDM	JACK Ply: 1 Qty: 4	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J05	Cust: R 215 JRef: 1XcX2150017 T14 DrwNo: 040.22.1708.45075 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.073 Max BC CSI: 0.019 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 145 - / - /105 /15 /37 D 17 - / - /13 /5 - C 4 - / - /8 /13 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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;  
Lt Stub Wedge: 2x4 SP #3;

#### Wind

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

#### Additional Notes

The overall height of this truss excluding overhang is 1'-5.7".



COA #0278

02/10/2022

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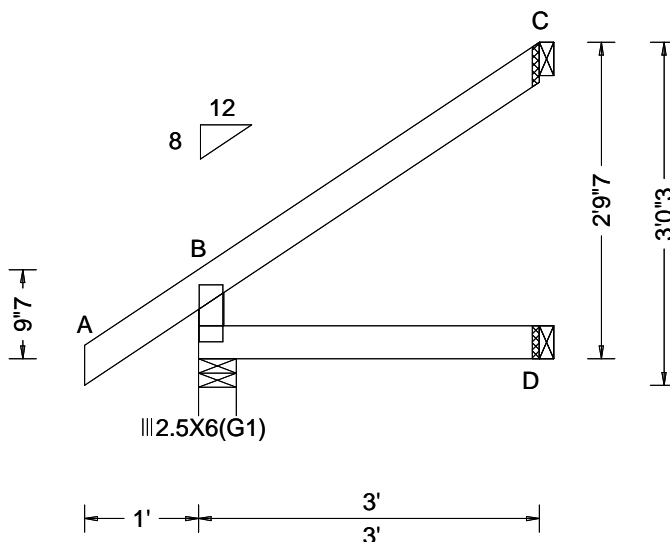
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6750 Forum Drive  
Suite 305  
Orlando FL, 32821



SEQN: 646843 / FROM: CDM	JACK Ply: 1 Qty: 4	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: J06	Cust: R 215 JRef: 1XcX2150017 T13 DrwNo: 040.22.1708.44857 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.003 C - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.120 Max BC CSI: 0.090 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 206 /- /- /146 /8 /75 D 57 /- /- /41 /4 /- C 83 /- /- /49 /43 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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;  
Lt Stub Wedge: 2x4 SP #3;

#### Wind

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

#### Additional Notes

The overall height of this truss excluding overhang is 2-9-7.



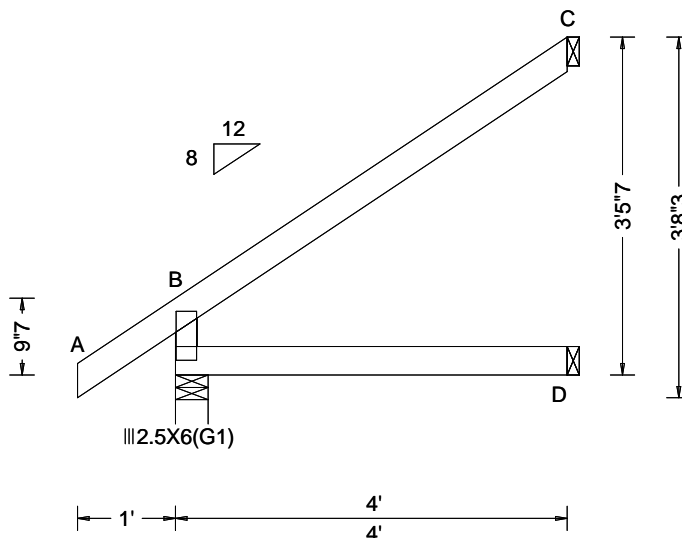
COA #0278

02/10/2022

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

SEQN: 646845 / FROM: CDM	EJAC Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: J07	Cust: R 215 JRef: 1XcX2150017 T15 DrwNo: 040.22.1708.39622 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 B - - HORZ(TL): 0.011 B - - Creep Factor: 2.0 Max TC CSI: 0.241 Max BC CSI: 0.170 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 246 /- /- /172 /8 /94 D 77 /- /- /56 /4 /- C 114 /- /- /68 /56 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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;  
Lt Stub Wedge: 2x4 SP #3;

#### Wind

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

#### Additional Notes

The overall height of this truss excluding overhang is 3-5-7.



COA #0278

02/10/2022

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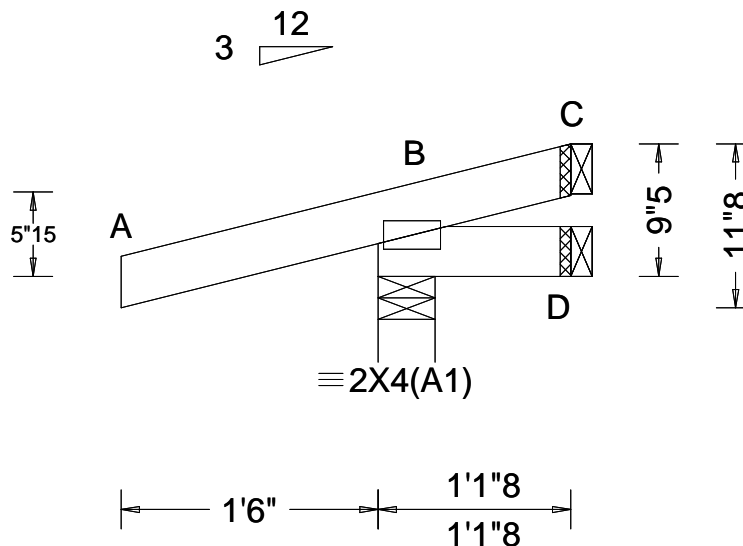
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SEQN: 646816 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J08	Cust: R 215 JRef: 1XcX2150017 T30 DrwNo: 040.22.1708.40623 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.224 Max BC CSI: 0.037 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 238 /- /- /142 /113 /25 D 11 /-9 /- /20 /8 /- C - /-41 /- /34 /35 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

#### Lumber

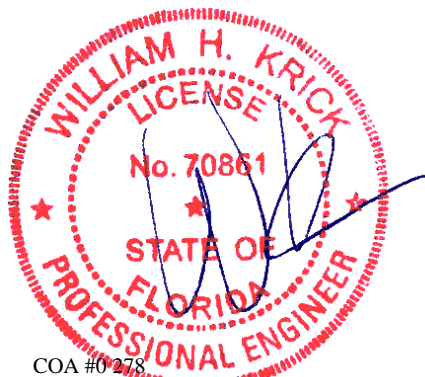
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

#### Wind

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

#### Additional Notes

The overall height of this truss excluding overhang is 0-9-5.



COA #0278

02/10/2022

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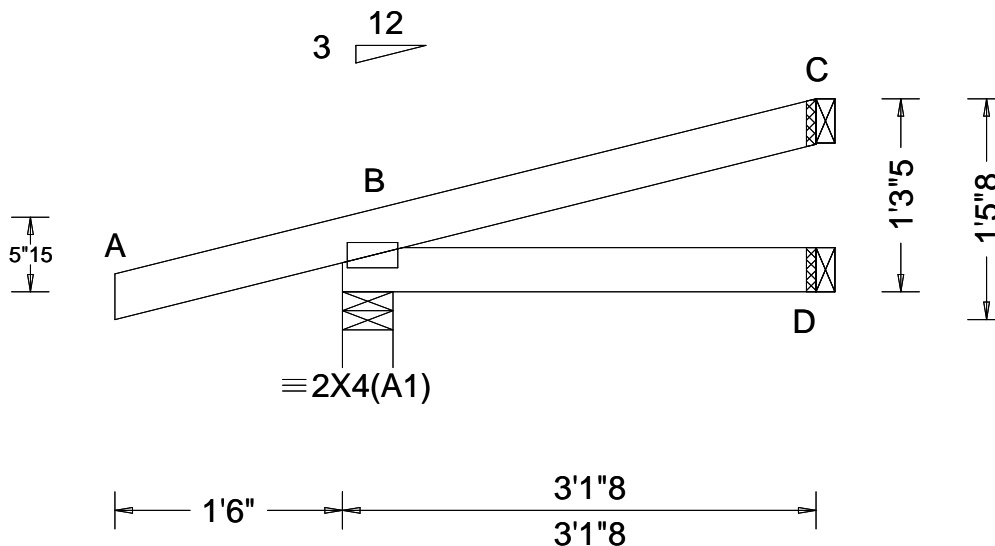
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SEQN: 646814 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J09	Cust: R 215 JRef: 1XcX2150017 T27 DrwNo: 040.22.1708.43733 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.150 Max BC CSI: 0.075 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 258 - / - /147 /86 /37 D 53 - / - /39 - / - C 65 - / - /19 /22 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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.

#### Additional Notes

The overall height of this truss excluding overhang is 1'-3-5.



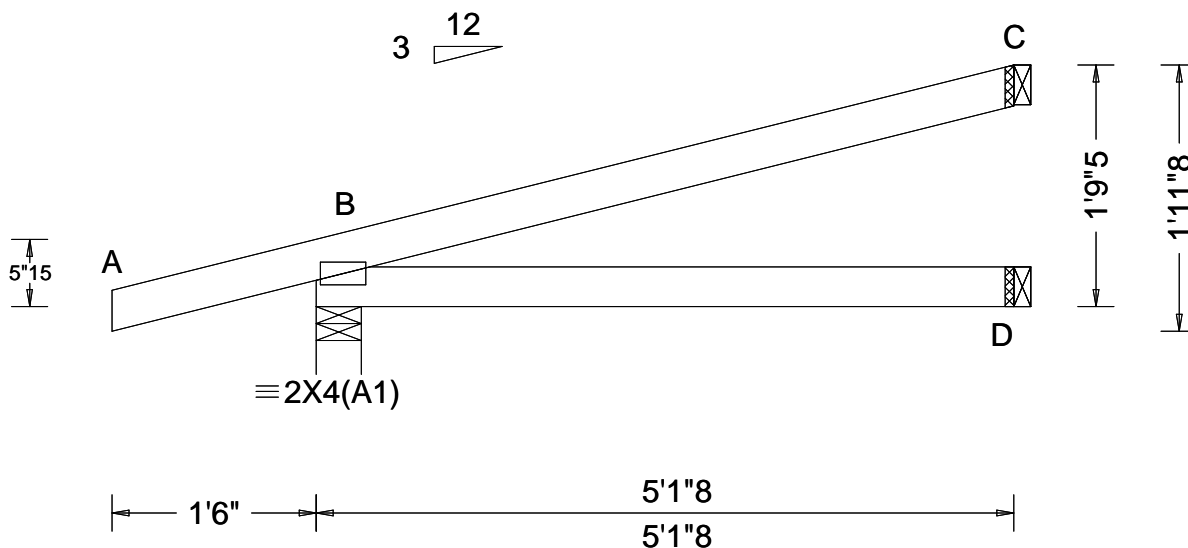
COA #0278

02/10/2022

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SEQN: 646812 / FROM: CDM	JACK Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: J10	Cust: R 215 JRef: 1XcX2150017 T9 DrwNo: 040.22.1708.44575 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 B - - HORZ(TL): 0.007 B - - Creep Factor: 2.0 Max TC CSI: 0.328 Max BC CSI: 0.249 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 327 - / - /181 /88 /48 D 92 - / - /62 - / - C 129 - / - /37 /42 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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.

#### Additional Notes

The overall height of this truss excluding overhang is 1'-9-5.



COA #0278

02/10/2022

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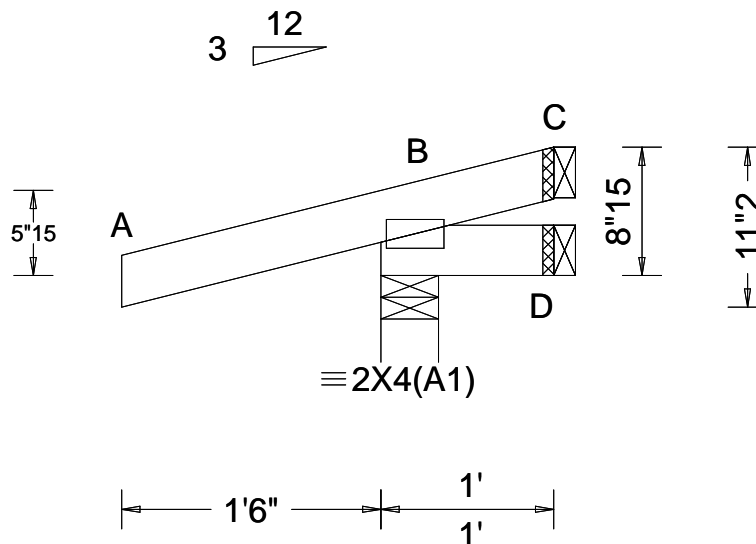
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SEQN: 646818 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J11	Cust: R 215 JRef: 1XcX2150017 T33 DrwNo: 040.22.1708.42888 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.224 Max BC CSI: 0.034 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 246 /- /- /147 /120 /24 D 7 /-12 /- /19 /9 /- C - /-56 /- /41 /43 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

#### Lumber

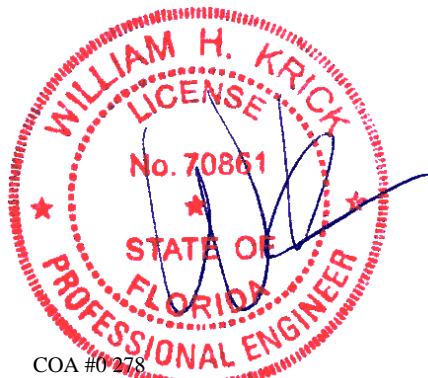
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

#### Wind

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

#### Additional Notes

The overall height of this truss excluding overhang is 0-8-15.



COA #0278

02/10/2022

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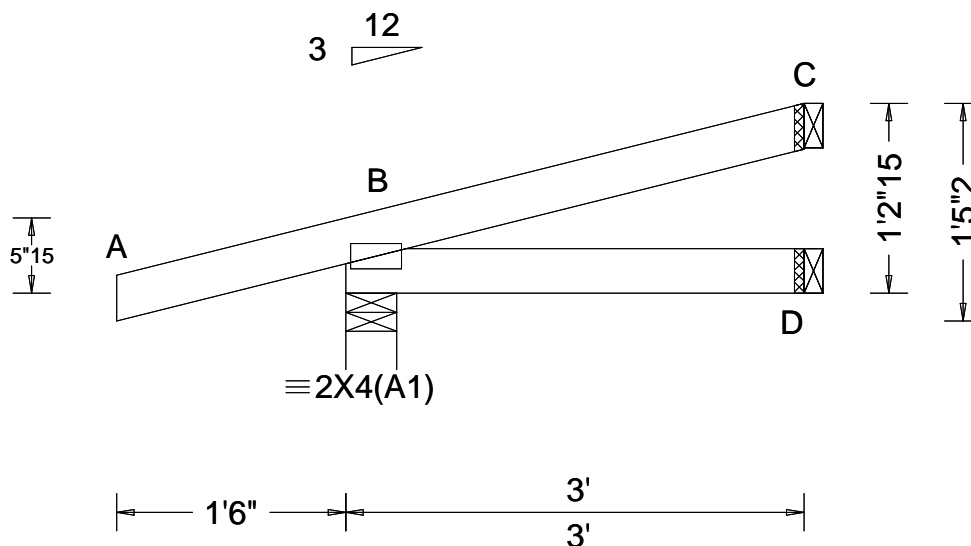
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SEQN: 646820 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J12	Cust: R 215 JRef: 1XcX2150017 T32 DrwNo: 040.22.1708.44717 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.149 Max BC CSI: 0.067 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 255 - / - /145 /87 /36 D 50 - / - /38 /0 - C 61 - / - /18 /20 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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.

#### Additional Notes

The overall height of this truss excluding overhang is 1-2-15.



COA #0218

02/10/2022

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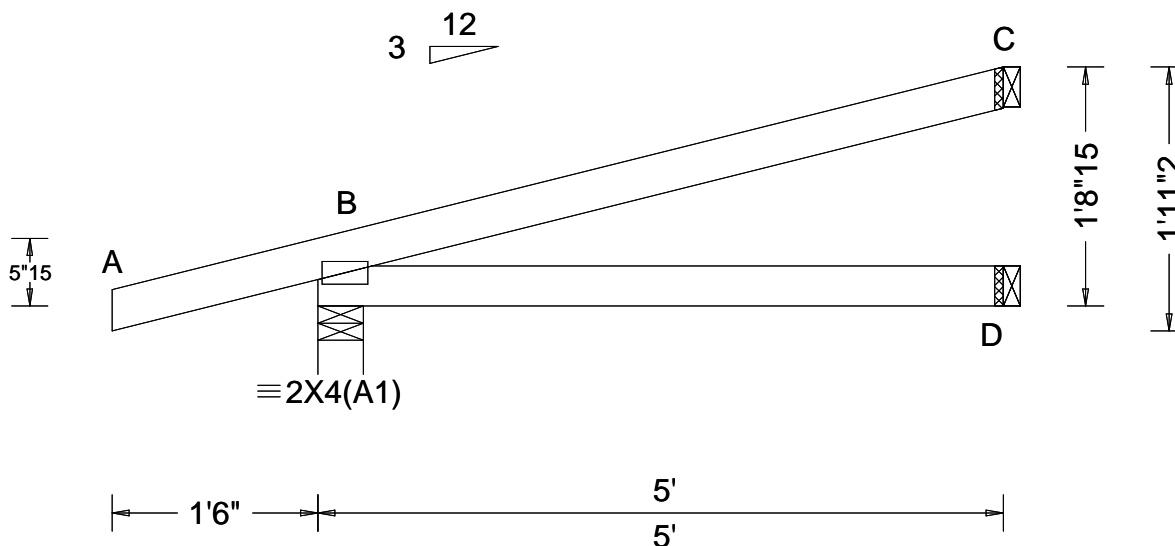
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Orlando FL, 32821

SEQN: 646822 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: J13	Cust: R 215 JRef: 1XcX2150017 T31 DrwNo: 040.22.1708.40482 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 B - - HORZ(TL): 0.006 B - - Creep Factor: 2.0 Max TC CSI: 0.307 Max BC CSI: 0.235 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 323 - / - /179 /88 /48 D 90 - / - /60 - / - C 126 - / - /36 /40 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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.

#### Additional Notes

The overall height of this truss excluding overhang is 1-8-15.



COA #0218

02/10/2022

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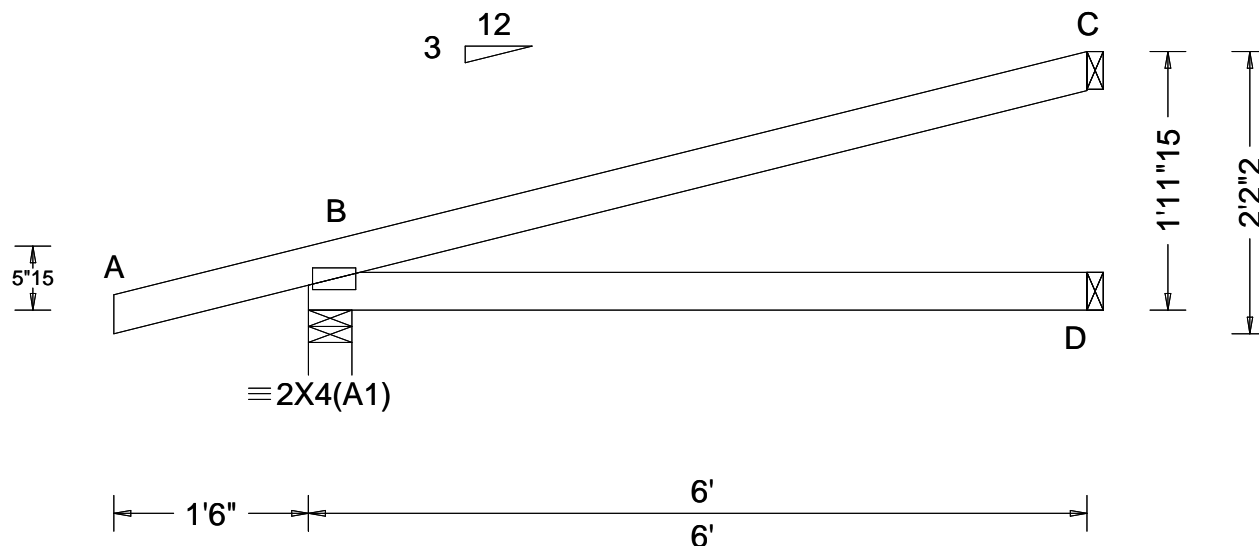
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SEQN: 646829 / FROM: CDM	EJAC Ply: 1 Qty: 11	Job Number: 22-6914 LOT 24 JL , AVERY MODEL Truss Label: J14	Cust: R 215 JRef: 1XcX2150017 T29 DrwNo: 040.22.1708.44419 KD / WHK 02/09/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.006 B - - HORZ(TL): 0.012 B - - Creep Factor: 2.0 Max TC CSI: 0.487 Max BC CSI: 0.359 Max Web CSI: 0.000  VIEW Ver: 21.01.01A.0521.20	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 360 - / - /198 /90 /53 D 109 - / - /73 - / - C 155 - / - /44 /50 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 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.

#### Additional Notes

The overall height of this truss excluding overhang is 1'-11-15.



COA #0278  
02/10/2022

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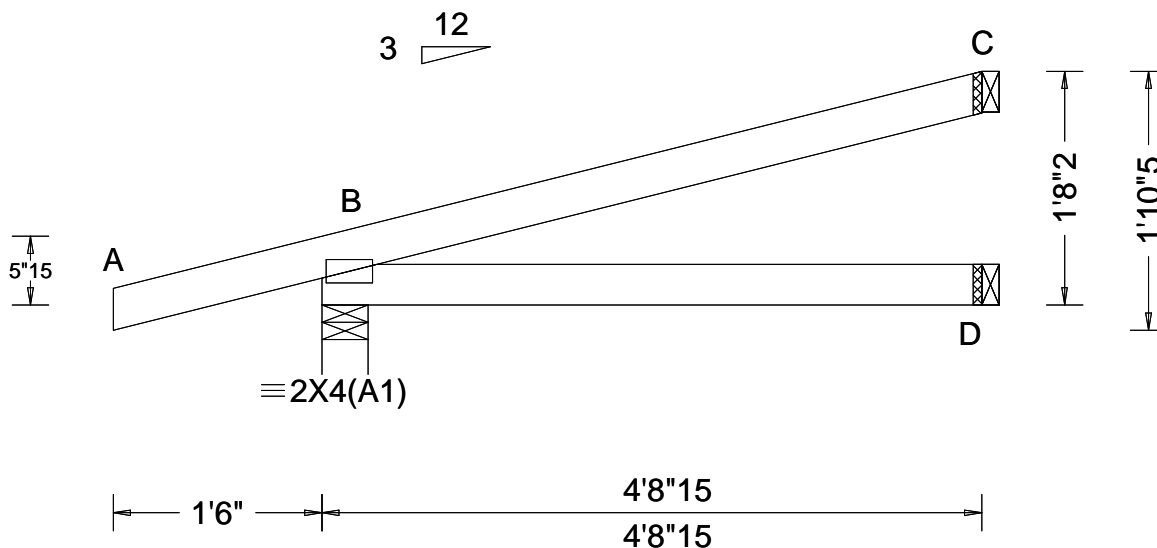
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**ALPINE**  
AN ITW COMPANY  
6750 Forum Drive  
Suite 305  
Orlando FL, 32821

SEQN: 647131 FROM: CDM	JACK Ply: 1 Qty: 1	Job Number: 22-6914 LOT 24 JL, AVERY MODEL Truss Label: J15	Cust: R 215 JRef: 1XcX2150017 T34 DrwNo: 041.22.0631.01497 SSB / WHK 02/10/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 B - - HORZ(TL): 0.005 B - - Creep Factor: 2.0 Max TC CSI: 0.267 Max BC CSI: 0.208 Max Web CSI: 0.000 VIEW Ver: 21.01.01A.0521.20	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 313 - / - /174 /87 /46 D 85 - / - /57 - / - C 118 - / - /33 /38 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 D Brg Wid = 1.5 C Brg Wid = 1.5 Bearing B is a rigid surface. Members not listed have forces less than 375#

#### Lumber

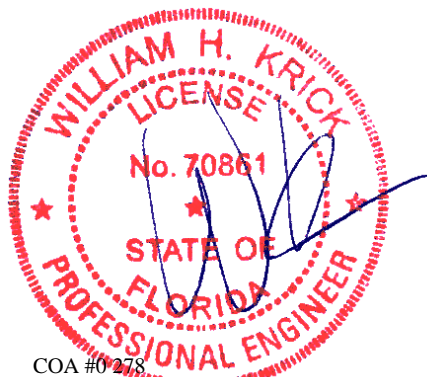
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

#### Wind

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

#### Additional Notes

The overall height of this truss excluding overhang is 1-8-2.



COA #0278

02/10/2022

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6750 Forum Drive  
Suite 305  
Orlando FL, 32821

# Gable Stud Reinforcement Detail

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length	2x4 Gable Vertical		Brace Grade	No Braces	(1) 1x4 'L' Brace *		(1) 2x4 'L' Brace *		(2) 2x4 'L' Brace **		(1) 2x6 'L' Brace *		(2) 2x6 'L' Brace **	
	Spacing	Species			Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
24" O.C.	SPF	#1 / #2	#1	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
			#3	4' 1"	6' 7"	7' 1"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
			Stud	4' 1"	6' 7"	7' 0"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
		Standard	#1	4' 6"	5' 8"	6' 0"	7' 7"	8' 1"	10' 1"	10' 6"	11' 10"	12' 8"	14' 0"	14' 0"
			#2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
			#3	4' 2"	6' 0"	6' 4"	7' 11"	8' 6"	10' 2"	10' 7"	12' 5"	13' 4"	14' 0"	14' 0"
	SP DFL	Stud	#1	4' 2"	6' 0"	6' 4"	7' 11"	8' 6"	10' 2"	10' 7"	12' 5"	13' 4"	14' 0"	14' 0"
			#2	4' 0"	5' 3"	5' 7"	7' 0"	7' 6"	10' 2"	10' 7"	11' 10"	14' 0"	14' 0"	14' 0"
			Standard	4' 0"	5' 3"	5' 7"	7' 0"	7' 6"	10' 2"	10' 7"	11' 10"	14' 0"	14' 0"	14' 0"
		#1 / #2	#1	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"	14' 0"
			#3	4' 8"	8' 1"	8' 8"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
			Stud	4' 8"	8' 1"	8' 6"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
16" O.C.	SPF	#1 / #2	#1	4' 8"	6' 11"	7' 5"	9' 3"	9' 11"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
			#3	4' 8"	6' 11"	7' 5"	9' 3"	9' 11"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
			Stud	4' 8"	6' 11"	7' 5"	9' 3"	9' 11"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"	14' 0"
			#2	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"	14' 0"
			#3	4' 9"	7' 4"	7' 9"	9' 9"	10' 3"	11' 8"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	Stud	#1	4' 9"	7' 4"	7' 9"	9' 9"	10' 2"	11' 8"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
			#2	4' 8"	6' 5"	6' 10"	8' 7"	9' 2"	11' 7"	12' 1"	13' 6"	14' 0"	14' 0"	14' 0"
			Standard	4' 8"	6' 5"	6' 10"	8' 7"	9' 2"	11' 7"	12' 1"	13' 6"	14' 0"	14' 0"	14' 0"
	SPF	#1 / #2	#1	5' 5"	9' 2"	9' 6"	10' 10"	11' 3"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			#3	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
			Stud	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	#1	#1	5' 1"	8' 0"	8' 6"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
			#2	5' 1"	8' 0"	8' 6"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
			Standard	5' 1"	8' 0"	8' 6"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#1 / #2	#1	5' 8"	9' 3"	9' 8"	10' 11"	11' 4"	13' 0"	13' 6"	14' 0"	14' 0"	14' 0"	14' 0"
			#3	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"
			Stud	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	#1	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"
			#2	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"
			Standard	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"

## Bracing Group Species and Grades:

Group A:			
Spruce-Pine-Fir		Hem-Fir	
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard
Douglas Fir-Larch		Southern Pine***	
#3		#3	
Stud		Stud	
Standard		Standard	

Group B:			
Hem-Fir			
#1 & Btr			
#1			
Douglas Fir-Larch		Southern Pine***	
#1		#1	
#2		#2	

1x4 Braces shall be SRB (Stress-Rated Board).

\*\*\*For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

## Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12' plywood overhang.

Attach 'L' braces with 10d (0.128"x3.0" min) nails.

\* For (1) 'L' brace: space nails at 2' o.c.

in 18' end zones and 4' o.c. between zones.

\*\* For (2) 'L' braces: space nails at 3' o.c. in 18' end zones and 6' o.c. between zones.

'L' bracing must be a minimum of 80% of web member length.

## Gable Vertical Plate Sizes

Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0"	3X4

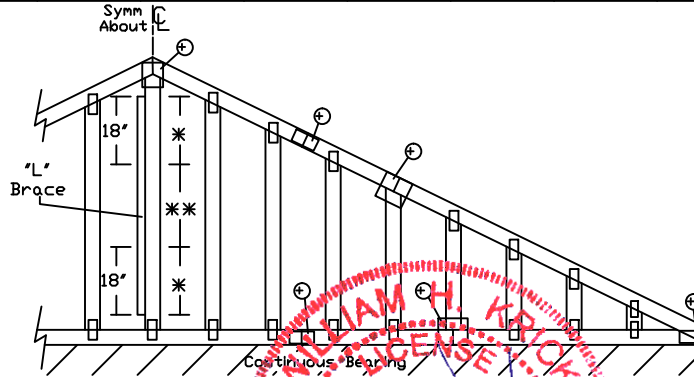
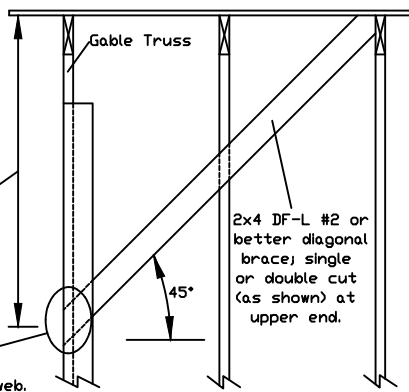
+ Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.

Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 450# at each end. Max web total length is 14'.

Vertical length shown in table above.

Connect diagonal at midpoint of vertical web.



Refer to chart above for max gable vertical length.

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514 Earth City Expressway  
Suite 242  
Earth City, MO 63045

No. 70861

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

GOA #0278

02/10/2022

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-10-GAB14015

DATE 10/01/14

DRWG A14015ENC101014

# CLR Reinforcing Member Substitution

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

## Notes:

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

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

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

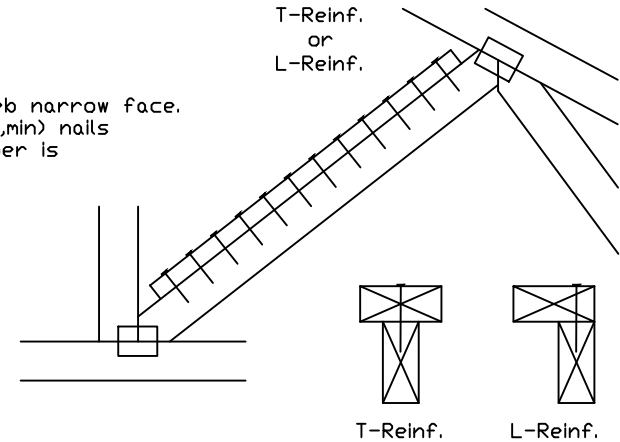
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x6(✕)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(✕)

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.

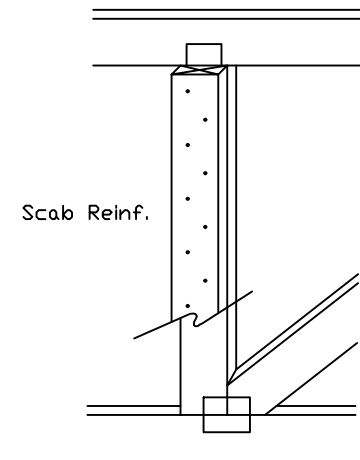
## T-Reinforcement or L-Reinforcement:

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.



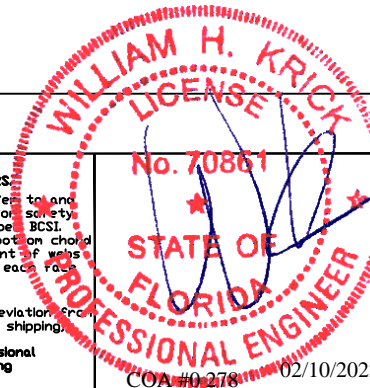
## Scab Reinforcement:

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.



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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		



# NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)

B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

A - EDGE DISTANCE (6 NAIL DIAMETERS)

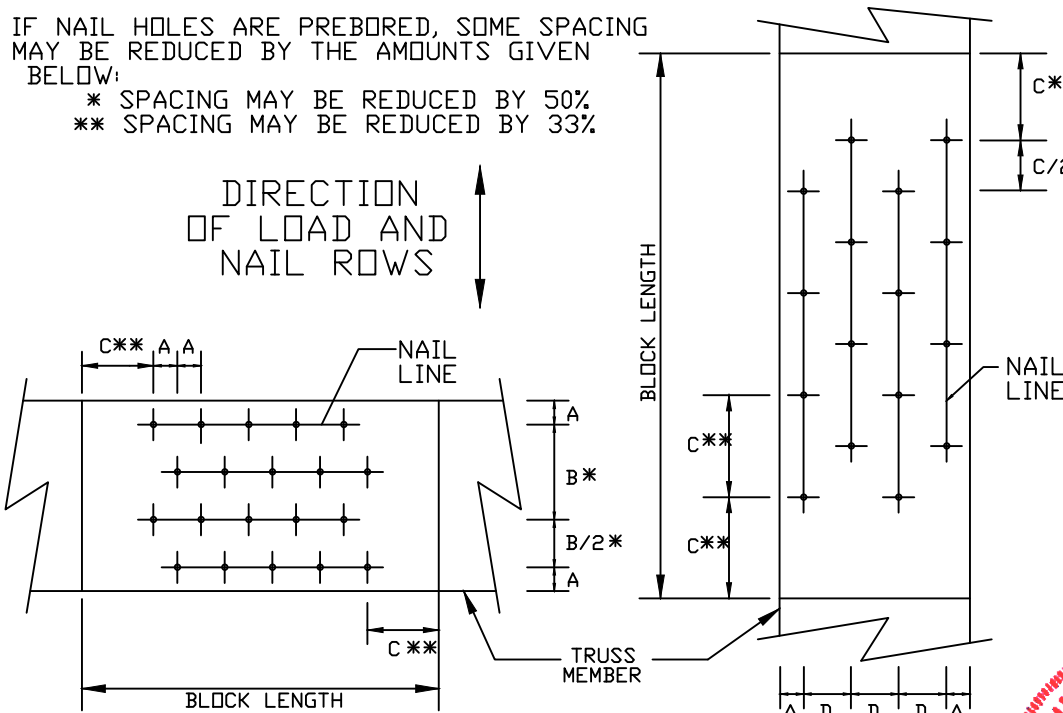
C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)

D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:

\* SPACING MAY BE REDUCED BY 50%

\*\* SPACING MAY BE REDUCED BY 33%



MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128"X 3",MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148"X 3",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162"X 3.5",MIN)	1"	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120"X 3",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3",MIN)	7/8"	1 5/8"	2"	1"

LOAD APPLIED PERPENDICULAR TO GRAIN

LOAD APPLIED PARALLEL TO GRAIN



514 Earth City Expressway  
Suite 242  
Earth City, MO 63045

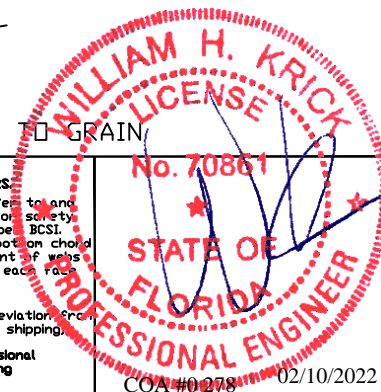
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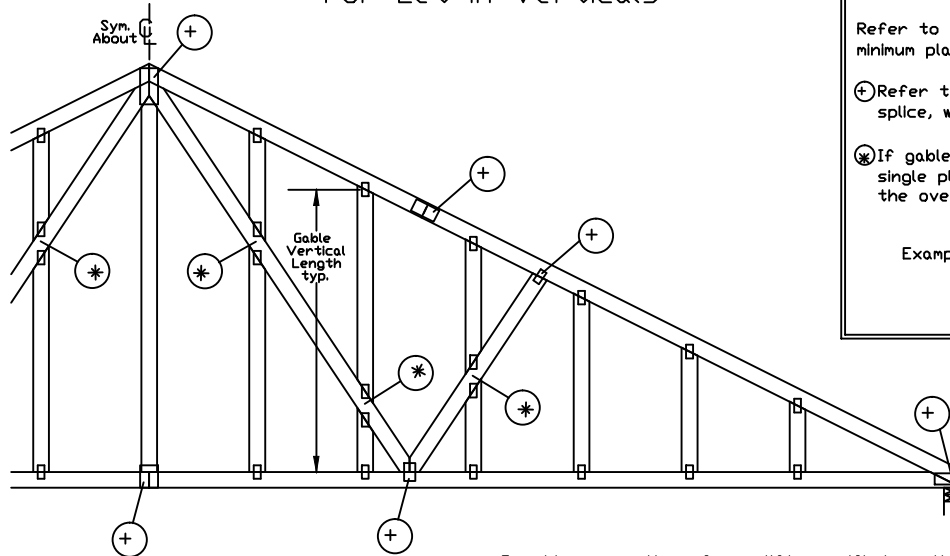
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REF NAIL SPACE  
DATE 10/01/14  
DRWG CNNAILSP1014

# Gable Detail For Let-in Verticals

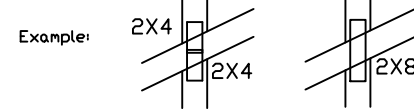


## Gable Truss Plate Sizes

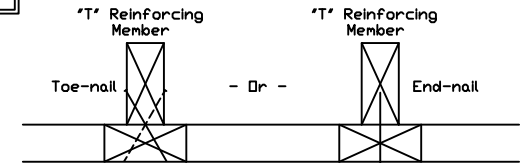
Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

⊗ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.



## 'T' Reinforcement Attachment Detail



To convert from 'L' to 'T' reinforcing members, multiply 'T' increase by length (based on appropriate Alpine gable detail).

Maximum allowable 'T' reinforced gable vertical length is 14' from top to bottom chord.

'T' reinforcing member material must match size, specie, and grade of the 'L' reinforcing member.

## Web Length Increase w/ 'T' Brace

'T' Reinf. Mbr. Size	'T' Increase
2x4	30 %
2x6	20 %

Example:

ASCE 7-10 Wind Speed = 120 mph

Mean Roof Height = 30 ft, Kzt = 1.00

Gable Vertical = 24' o.c. SP #3

'T' Reinforcing Member Size = 2x4

'T' Brace Increase (From Above) = 30% = 1.30

(1) 2x4 'L' Brace Length = 8' 7"

Maximum 'T' Reinforced Gable Vertical Length  
1.30 x 8' 7" = 11' 2"

Provide connections for uplift specified on the engineered truss design.

Attach each 'T' reinforcing member with

End Driven Nails:

10d Common (0.148"x3",min) Nails at 4' o.c. plus  
(4) nails in the top and bottom chords.

Toenailed Nails:

10d Common (0.148"x3",min) Toenails at 4' o.c. plus  
(4) toenails in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

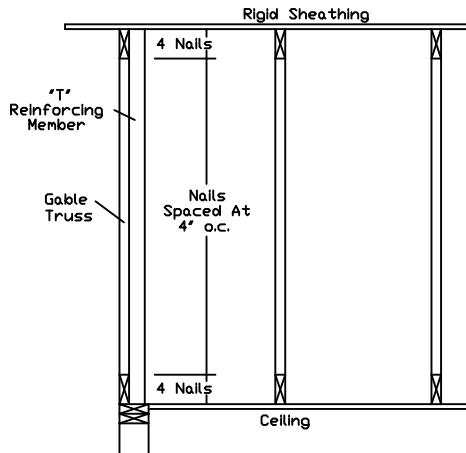
## ASCE 7-05 Gable Detail Drawings

A13015051014, A12015051014, A11015051014, A10015051014, A14015051014,  
A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

## ASCE 7-10 & ASCE 7-16 Gable Detail Drawings

A11515ENC100118, A12015ENC100118, A14015ENC100118, A16015ENC100118,  
A18015ENC100118, A20015ENC100118, A20015END100118, A20015PED100118,  
A11530ENC100118, A12030ENC100118, A14030ENC100118, A16030ENC100118,  
A18030ENC100118, A20030ENC100118, A20030END100118, A20030PED100118,  
S11515ENC100118, S12015ENC100118, S14015ENC100118, S16015ENC100118,  
S18015ENC100118, S20015ENC100118, S20015END100118, S20015PED100118,  
S11530ENC100118, S12030ENC100118, S14030ENC100118, S16030ENC100118,  
S18030ENC100118, S20030ENC100118, S20030END100118, S20030PED100118

See appropriate Alpine gable detail for maximum allowable gable vertical length.



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

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

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

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

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

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



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STATE OF

FLORIDA

PROFESSIONAL ENGINEER

COA #0278

02/10/2022

REF LET-IN VERT

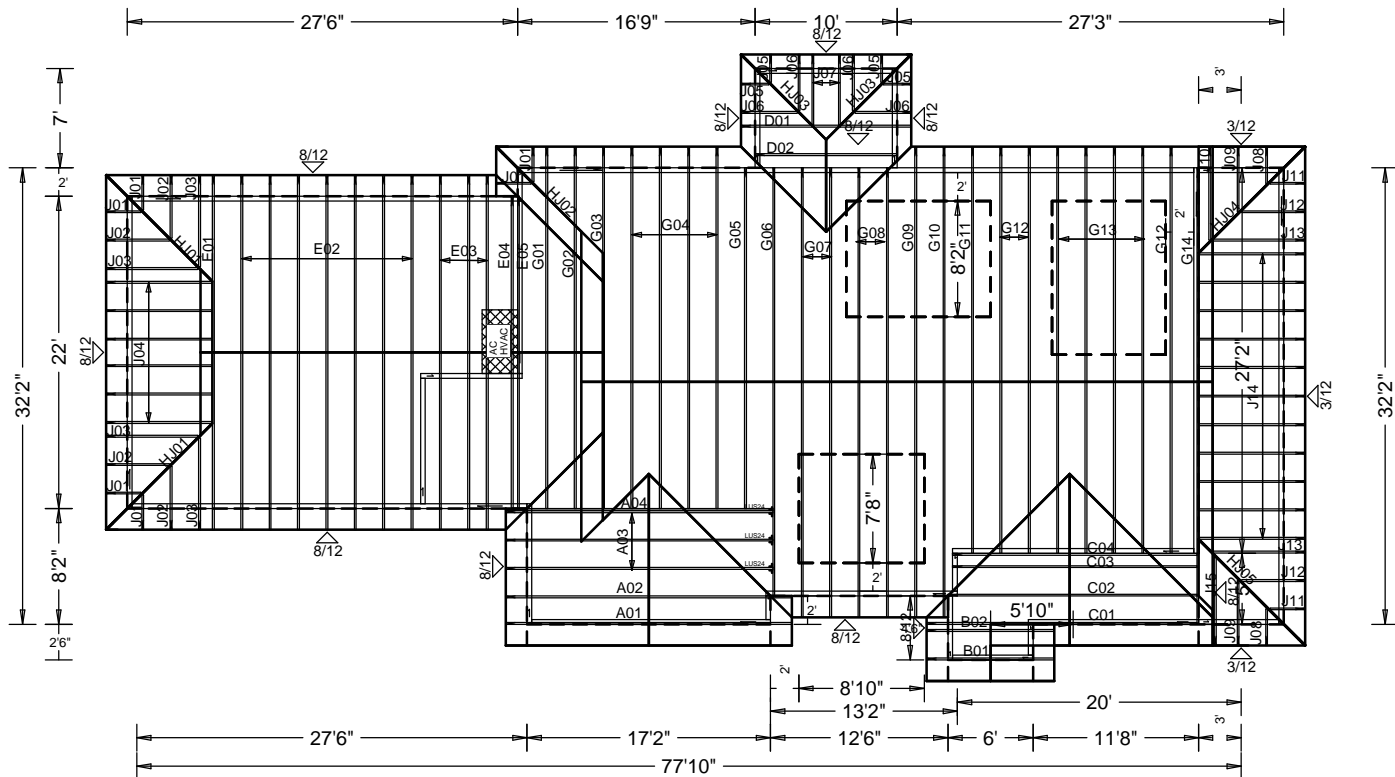
DATE 01/02/2018

DRWG GBLLETIN0118

MAX. TOT. LD. 60 PSF

DUR. FAC. ANY

MAX. SPACING 24.0"



W.B. Howland Truss Co.  
610 11TH STREET SW  
Live Oak, FL 32064  
(386) 362-1235  
(386) 362-7124 (Fax)  
howlandtruss@gmail.com

ROOF PITCH:8/12  
CLG: 9' w/Trays  
EXT WALLS: 4"  
OVERHANG:18"  
LOADING:40 PSF  
WIND LOAD:130 MPH  
EXPOSURE:"C"  
  
DATE:2/8/22

Truss to Truss Connectors:  
(3) LUS24  
(2) LUS26



JOB #: 22-6914

Job Name: LOT 24 JL , AVERY MODEL  
Customer: Guy Sorensen Milton Smith  
Designer: Kelly Caudill  
ADDRESS:  
SALESMAN: Fill in later  
: <Not Found>

JOB NO:  
22-6914

PAGE NO:  
1 OF 1