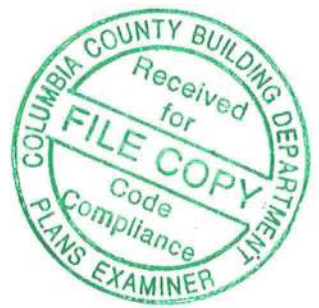




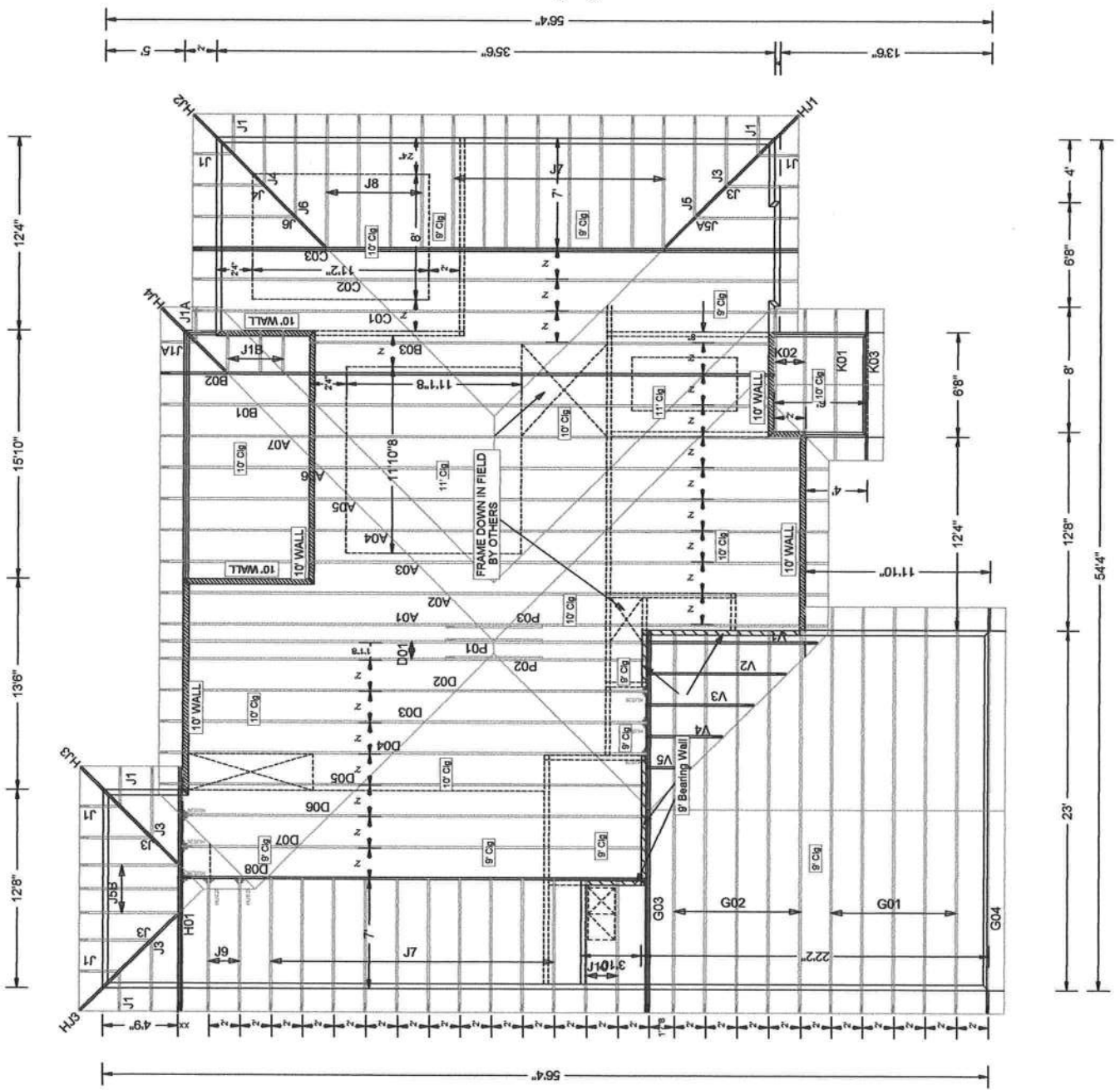
Total Truss Quantity = 109.

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

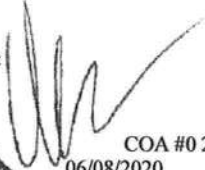
ROOF PITCH: 7/12
OVERHANG: 18" Plumb
CEILING: 12 STEP UP TRAY
M. BEDROOM 9' TO 10'
GREAT ROOM 10' TO 11"
EXT. WALLS: 2 X 4 X 9' & 10'
LOADING: 40 PSF
WIND LOAD: 130 MPH
EXPOSURE: C
DATE: 6/8/20

8 - TRUS TO TRUSS CONNECTIONS:

8 HUS26



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COA #0 278

06/08/2020



Alpine, an ITW Company
6750 Forum Drive, Suite 305
Orlando, FL 32821
Phone: (800)755-6001
www.alpineitw.com



Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 20-4326
Job Description: LOT 24 Cannon Creek	
Address: FL	

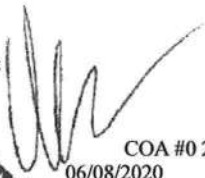
Job Engineering Criteria:			
Design Code: FBC 2017 RES		IntelliVIEW Version: 18.02.01B	
		JRef #: 1WVY2150005	
Wind Standard: ASCE 7-10	Wind Speed (mph): 130	Roof Load (psf): 20.00-10.00- 0.00-10.00	
Building Type: Closed		Floor Load (psf): None	

This package contains general notes pages, 54 truss drawing(s) and 4 detail(s).

Item	Drawing Number	Truss
1	160.20.1329.11611	A01
3	160.20.1329.11018	A03
5	160.20.1329.10441	A05
7	160.20.1329.10722	A07
9	160.20.1329.10956	B03
11	160.20.1329.13062	C02
13	160.20.1329.12765	D01
15	160.20.1329.12750	D03
17	160.20.1329.10691	D05
19	160.20.1329.13235	D07
21	160.20.1329.12625	G01
23	160.20.1329.11190	G03
25	160.20.1329.12345	HJ1
27	160.20.1329.12470	HJ4
29	160.20.1329.12968	J10
31	160.20.1329.11330	J1B
33	160.20.1329.10332	J4
35	160.20.1329.13125	J5A
37	160.20.1329.10925	J7
39	160.20.1329.11830	J9
41	160.20.1329.11003	K02
43	160.20.1329.13093	P01
45	160.20.1329.10067	P03
47	160.20.1329.11502	V2
49	160.20.1329.12672	V4
51	160.20.1329.11268	J5B

Item	Drawing Number	Truss
2	160.20.1329.13233	A02
4	160.20.1329.10566	A04
6	160.20.1329.10597	A06
8	160.20.1329.12157	B01
10	160.20.1329.13015	C01
12	160.20.1329.11486	C03
14	160.20.1329.11767	D02
16	160.20.1329.12001	D04
18	160.20.1329.12110	D06
20	160.20.1329.12828	D08
22	160.20.1329.13109	G02
24	160.20.1329.11783	G04
26	160.20.1329.11659	HJ2
28	160.20.1329.12344	J1
30	160.20.1329.12547	J1A
32	160.20.1329.11408	J3
34	160.20.1329.12594	J5
36	160.20.1329.13234	J6
38	160.20.1329.10191	J8
40	160.20.1329.12813	K01
42	160.20.1329.11954	K03
44	160.20.1329.12719	P02
46	160.20.1329.13155	V1
48	160.20.1329.10223	V3
50	160.20.1329.11081	V5
52	160.20.1329.10347	HJ3

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06/08/2020



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



Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 20-4326
Job Description: LOT 24 Cannon Creek	
Address: FL	

Item	Drawing Number	Truss
53	160.20.1329.11580	H01
55	A14015ENC101014	
57	GBLLETIN0118	

Item	Drawing Number	Truss
54	160.20.1329.12812	B02
56	BRCLBSUB0119	
58	VAL160101014	

General Notes

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

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

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

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

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

Temporary Lateral Restraint and Bracing:

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

Permanent Lateral Restraint and Bracing:

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

Connector Plate Information:

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

Fire Retardant Treated Lumber:

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

General Notes (continued)

Key to Terms:

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

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

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

CL = Certified lumber.

Des Ld = total of TCCL, 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.

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

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

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

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

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

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

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

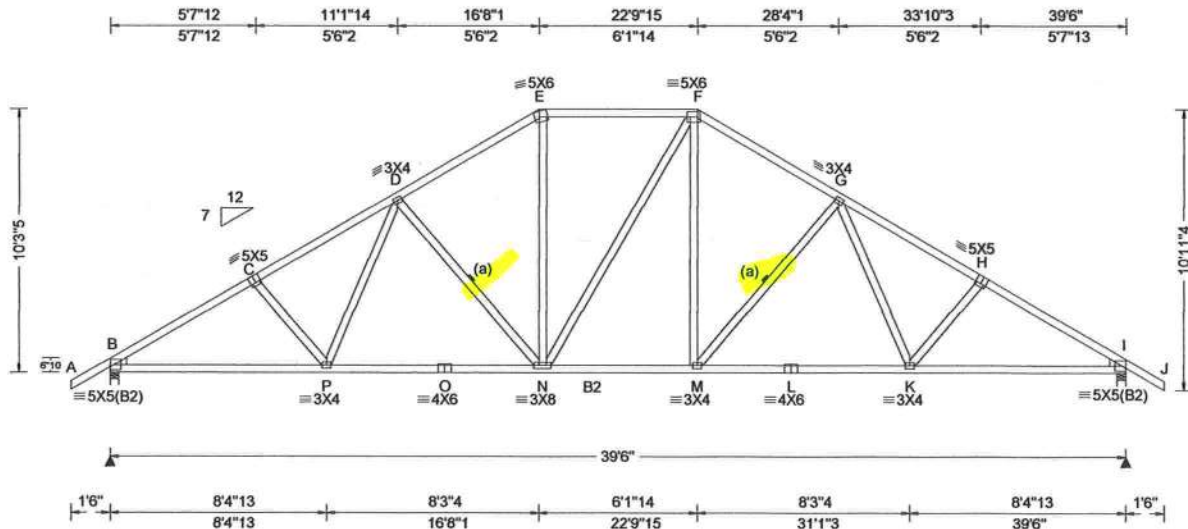
Refer to ASCE-7 for Wind and Seismic abbreviations.

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

References:

1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 13723 Riverport Drive, Suite 200, Maryland Heights, MO 63043; www.alpineitw.com.
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.com.

SEQN: 296929 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: A01	Cust: R 215 JRef: 1WVY2150005 T20 DrwNo: 160.20.1329.11611 / YK 06/08/2020
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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: 15.56 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.95 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 Code / Misc Criteria Bldg 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): 0.150 M 999 240 VERT(CL): 0.308 M 999 180 HORZ(LL): 0.069 K - - HORZ(TL): 0.141 K - - Creep Factor: 2.0 Max TC CSI: 0.803 Max BC CSI: 0.757 Max Web CSI: 0.464 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1744 - / - / 1058 / 264 / 337 I 1744 - / - / 1058 / 264 / - Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 I Brg Width = 4.0 Min Req = 1.5 Bearings B & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 468 - 2678 F - G 430 - 1936 C - D 480 - 2467 G - H 481 - 2467 D - E 427 - 1929 H - I 468 - 2678 E - F 411 - 1595

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

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



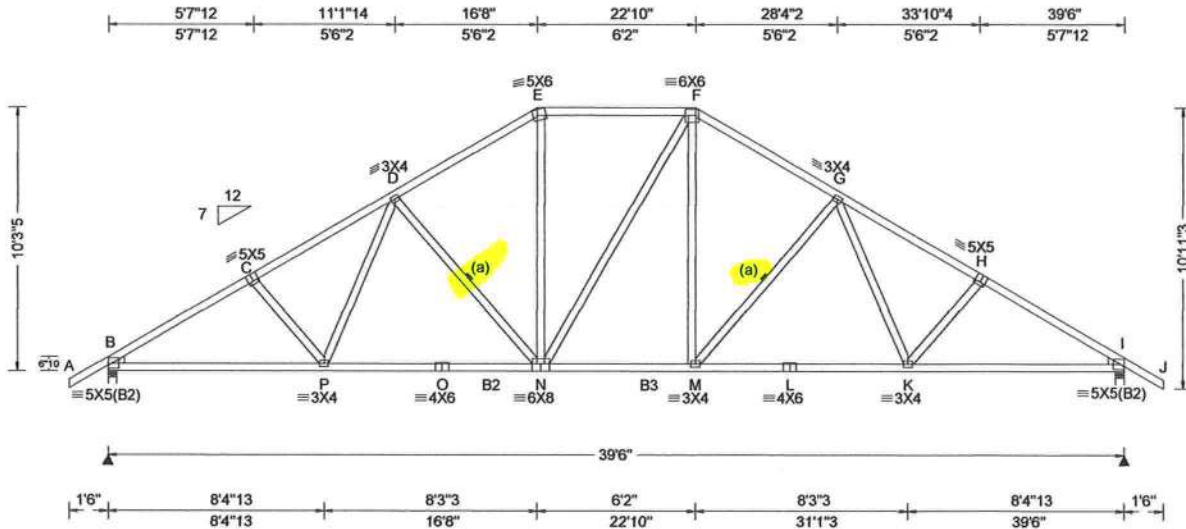
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety 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 and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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

ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296932 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: A02	Cust: R 215 JRef: 1WVY2150005 T22 / DrwNo: 160.20.1329.13233 / FV 06/08/2020
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 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 TCCL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.95 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 Code / Misc Criteria Bldg 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): 0.150 M 999 240 VERT(CL): 0.308 M 999 180 HORZ(LL): 0.069 K - - HORZ(TL): 0.141 K - - Creep Factor: 2.0 Max TC CSI: 0.803 Max BC CSI: 0.742 Max Web CSI: 0.402 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1744 - / - / - / 1050 / 301 / 310 I 1744 - / - / - / 1050 / 301 / - Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 I Brg Width = 4.0 Min Req = 1.5 Bearings B & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 589 -2679 F - G 559 -1936 C - D 602 -2467 G - H 602 -2467 D - E 557 -1928 H - I 589 -2678 E - F 524 -1595

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP M-31; B2,B3 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Wedge: 2x4 SP #3; Rt Wedge: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - P	2213 -397	M - L	1938 -315
P - O	1938 -299	L - K	1938 -315
O - N	1938 -299	K - I	2212 -415
N - M	1593 -191		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
P - D	416 -59	F - M	574 -130
D - N	195 -541	M - G	195 -540
E - N	573 -131	G - K	412 -59



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

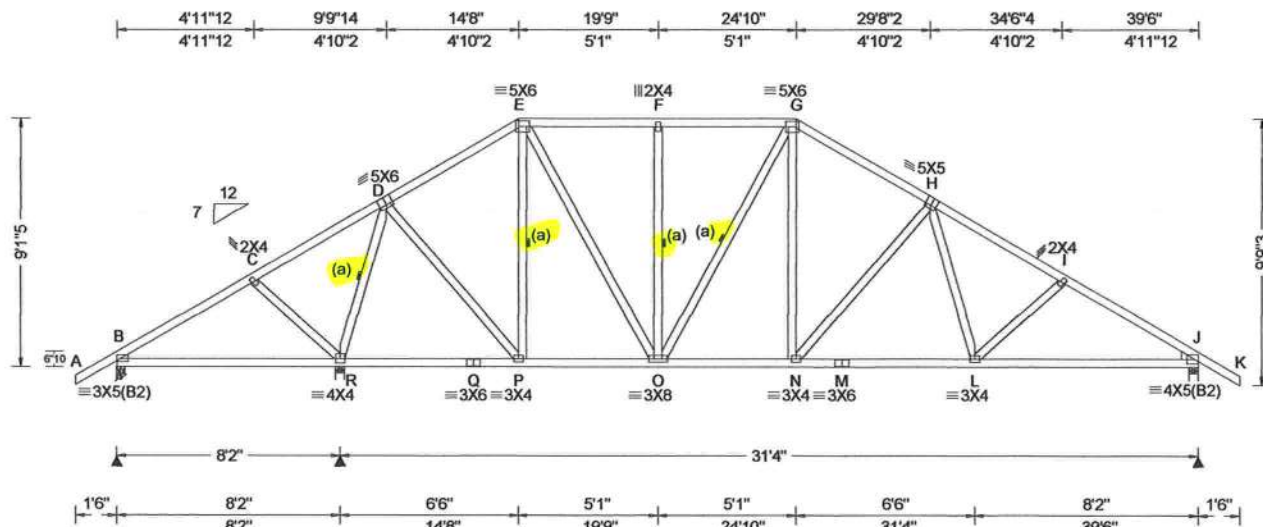
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296937 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: A03	Cust: R 215 JRef: 1WVY2150005 T21 / DrwNo: 160.20.1329.11018 / FV 06/08/2020
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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: 3.95 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 Code / Misc Criteria Bldg 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): 0.079 H 999 240 VERT(CL): 0.162 H 999 180 HORZ(LL): 0.031 L - - HORZ(TL): 0.064 L - - Creep Factor: 2.0 Max TC CSI: 0.621 Max BC CSI: 0.892 Max Web CSI: 0.568 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 340 - / - / 198 / 38 / 278 R 1894 - / - / 1066 / 335 - J 1362 - / - / 879 / 236 - Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 R Brg Width = 4.0 Min Req = 1.9 J Brg Width = 4.0 Min Req = 1.6 Bearings B, R, & 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.

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

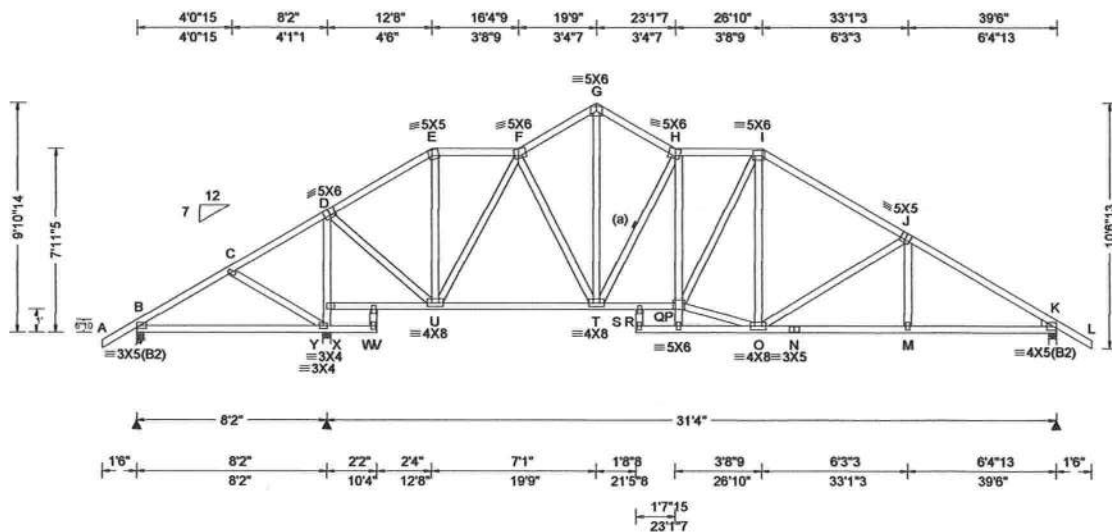
Additional Notes

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

WARNING! This truss is not symmetric, but its exterior geometry makes erection error more probable. It is imperative that this truss be installed properly.



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 and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinet.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org			
Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. P - O 641 -45 M - L 1396 -207 O - N 1084 -95 L - J 1620 -296 N - M 1396 -207			
Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. R - D 393 -1564 E - O 696 -180 D - P 850 -159 G - N 506 -121 E - P 140 -550 N - H 175 -490			
ALPINE AN ITW COMPANY 13723 Riverport Drive Suite 200 Maryland Heights, MO 63043			



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: 3.95 ft Loc. from endwall: not in 9.00 ft GCPl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg 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): 0.092 P 999 240 VERT(CL): 0.188 P 999 180 HORZ(LL): 0.027 M - - HORZ(TL): 0.057 M - - Creep Factor: 2.0 Max TC CSI: 0.657 Max BC CSI: 0.861 Max Web CSI: 0.985 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 369 - / - / - /200 /101 /298 Y 1796 - / - / - /1153 /250 - K 1384 - / - / - /894 /250 - Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 Y Brg Width = 4.0 Min Req = 1.7 K Brg Width = 4.0 Min Req = 1.6 Bearings B, Y, & 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;
Rt Wedge: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

Additional Notes

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

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



COA #02008
06/08/2020

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
U - T	1087 -179	O - N	1635 -353
T - R	1484 -268	N - M	1635 -353
R - P	1465 -264	M - K	1637 -352

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
Y - X	343 -1493	T - H	330 -948
X - D	338 -1501	P - O	1287 -223
D - U	1081 -184	P - I	470 -115
U - F	243 -851	O - J	160 -450
G - T	981 -384		

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

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

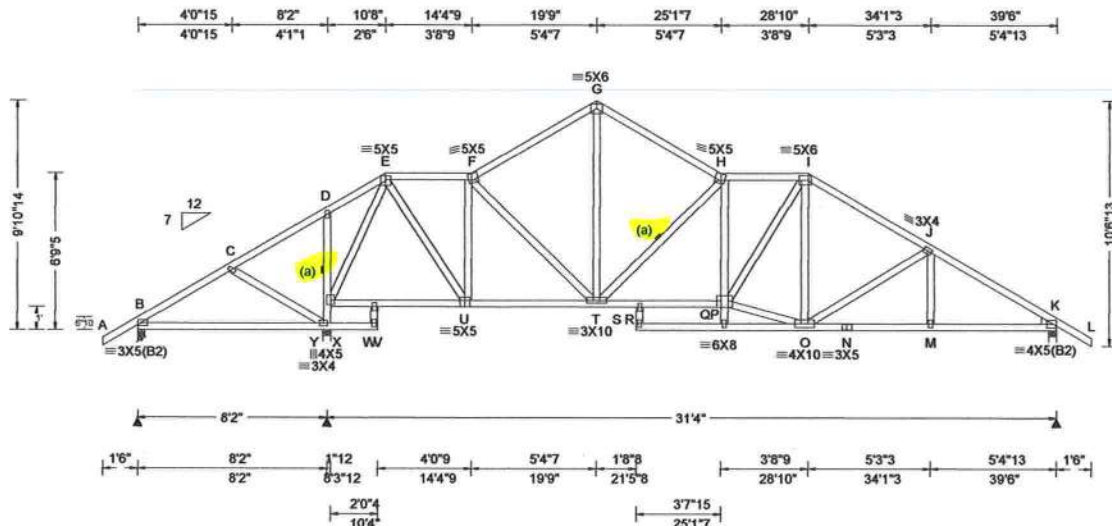
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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

ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296943 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: A05	Cust: R 215 JRef: 1WVY2150005 T17 / DrwNo: 160.20.1329.10441 / FV 06/08/2020
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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: 3.95 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 Code / Misc Criteria Bldg 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): 0.107 H 999 240 VERT(CL): 0.221 H 999 180 HORZ(LL): 0.028 M - - HORZ(TL): 0.060 M - - Creep Factor: 2.0 Max TC CSI: 0.635 Max BC CSI: 0.914 Max Web CSI: 0.949 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 378 - / - / - /205 /106 /298 Y 1767 - / - / - /1136 /243 - K 1390 - / - / - /889 /251 - Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 Y Brg Width = 4.0 Min Req = 1.7 K Brg Width = 4.0 Min Req = 1.6 Bearings B, Y, & 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;
Rt Wedge: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

Additional Notes

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

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



COA #0278

06/08/2020

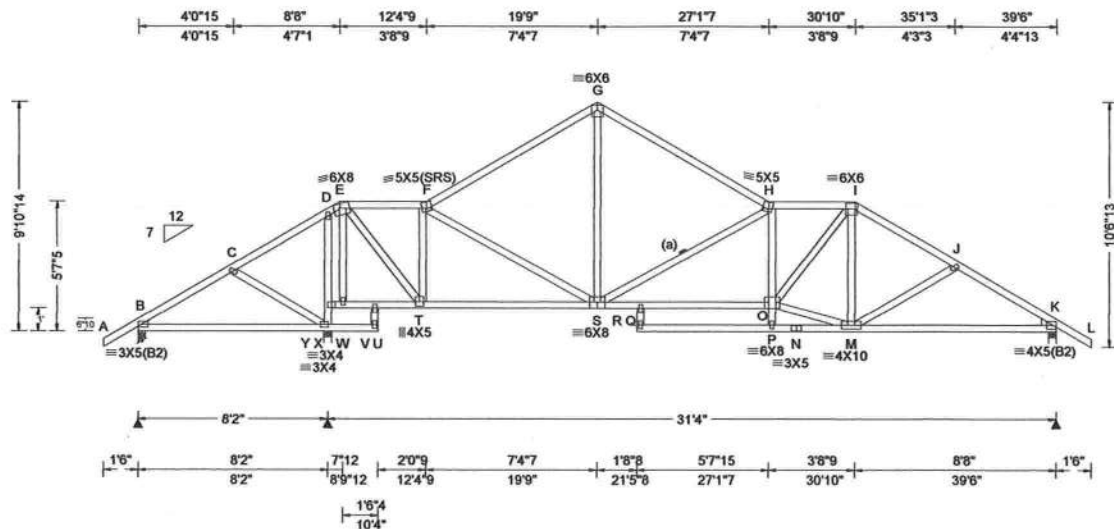
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296946 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: A06	Cust: R215 JRef: 1WVY2150005 T16 / DrwNo: 160.20.1329.10597 / FV 06/08/2020
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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: 3.95 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 Code / Misc Criteria Bldg 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): 0.143 H 999 240 VERT(CL): 0.295 H 999 180 HORZ(LL): 0.048 M - - HORZ(TL): 0.103 M - - Creep Factor: 2.0 Max TC CSI: 0.894 Max BC CSI: 0.934 Max Web CSI: 0.694 VIEW Ver: 18.02.01B.0321.08	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 376 /- /- /204 /99 /298 Y 1770 /- /- /1118 /253 /- K 1390 /- /- /882 /249 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 Y Brg Width = 4.0 Min Req = 1.7 K Brg Width = 4.0 Min Req = 1.6 Bearings B, Y, & 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;
Rt Wedge: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

Additional Notes

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

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



COA #0278

06/08/2020

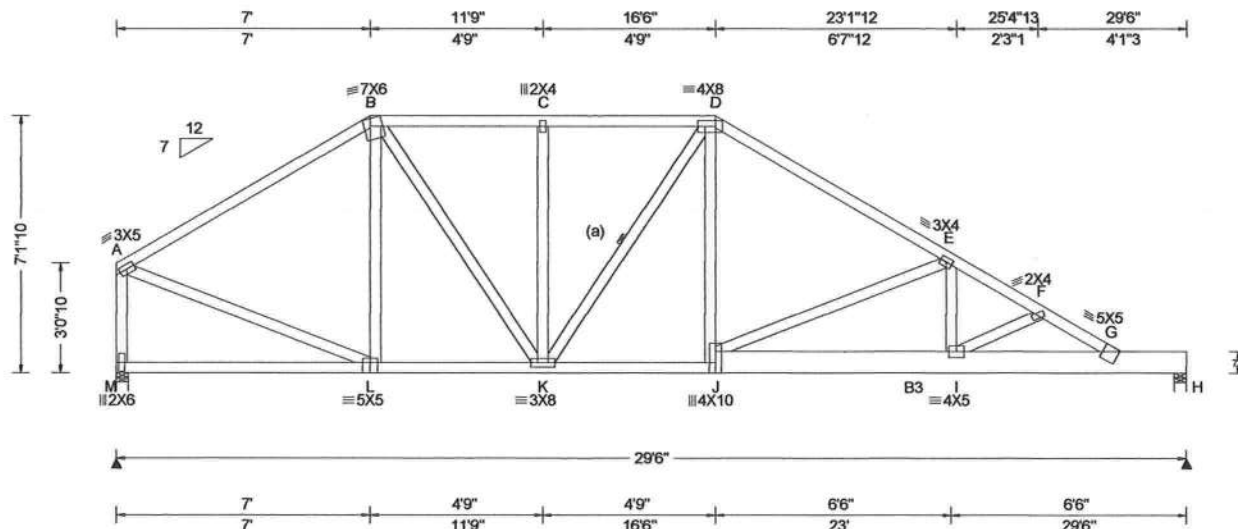
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296977 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: B03	Cust: R 215 JRef: 1WVY2150005 T13 / DrwNo: 160.20.1329.10956 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.148 I 999 240 VERT(CL): 0.307 I 999 180 HORZ(LL): 0.046 B - - HORZ(TL): 0.096 B - - Creep Factor: 2.0 Max TC CSI: 0.817 Max BC CSI: 0.702 Max Web CSI: 0.976 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M 1226 /- /- /651 /213 /149 H 1221 /- /- /682 /172 /- Wind reactions based on MWFRS M Brg Width = 4.0 Min Req = 1.5 H Brg Width = 4.0 Min Req = 1.5 Bearings M & 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. A - B 341 -1262 D - E 443 -1665 B - C 410 -1282 E - F 614 -2658 C - D 409 -1282 F - G 589 -2620

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B3 2x8 SP 2400f-2.0E;
Webs: 2x4 SP #3;

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 7'-1-10.

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
L - K	1004 -140	J - I	2250 -460
K - J	1349 -220	I - G	2078 -450

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
A - M	310 -1164	D - J	515 -92
A - L	1046 -216	J - E	268 -994
B - K	486 -111	E - I	610 -97



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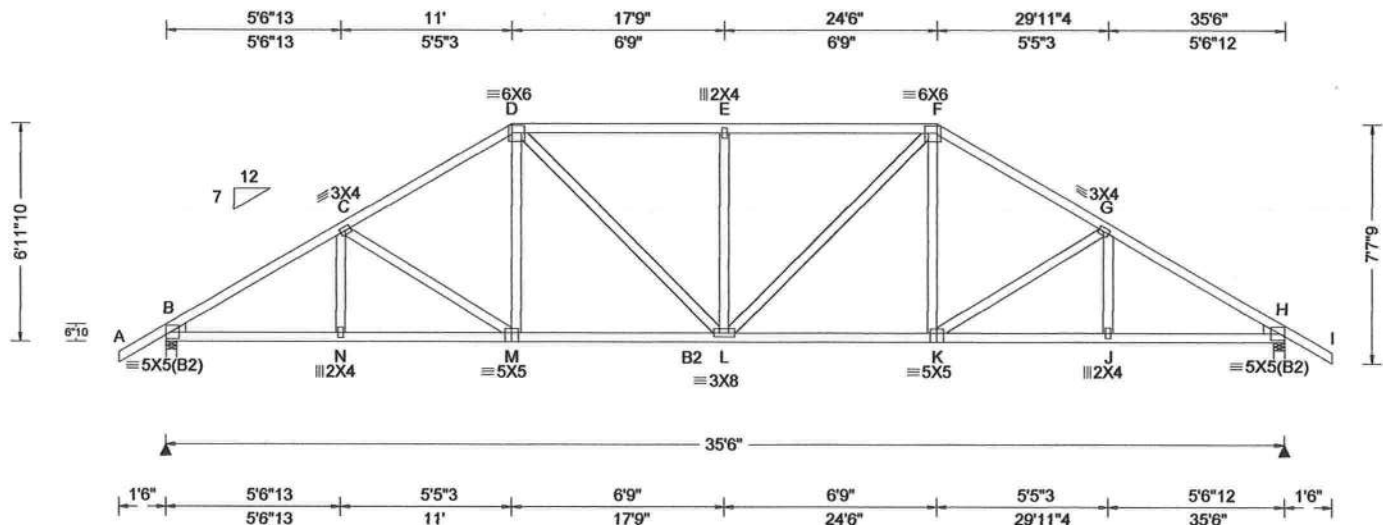
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296980 / FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: C01	Cust: R 215 JRef: 1WVY2150005 T3 / DrwNo: 160.20.1329.13015 / FV 06/08/2020
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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: 3.55 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 Code / Misc Criteria Bldg 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): 0.134 E 999 240 VERT(CL): 0.274 E 999 180 HORZ(LL): 0.056 J - - HORZ(TL): 0.115 J - - Creep Factor: 2.0 Max TC CSI: 0.697 Max BC CSI: 0.666 Max Web CSI: 0.384 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1578 - / - / 933 / 280 / 216 H 1578 - / - / 933 / 280 / - Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 H Brg Width = 4.0 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 554 -2360 E - F 588 -1984 C - D 549 -2038 F - G 550 -2038 D - E 588 -1984 G - H 553 -2360

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP M-31; B2 2x4 SP #2;
Webs: 2x4 SP #3;
Lt Wedge: 2x4 SP #3; Rt Wedge: 2x4 SP #3;

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

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

Additional Notes
The overall height of this truss excluding overhang is 6-11-10.

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
B - N	1942 -361	L - K	1693 -284
N - M	1941 -362	K - J	1941 -387
M - L	1693 -277	J - H	1942 -387

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
D - M	386 -54	L - F	409 -109
D - L	409 -109	F - K	386 -54
E - L	175 -443		



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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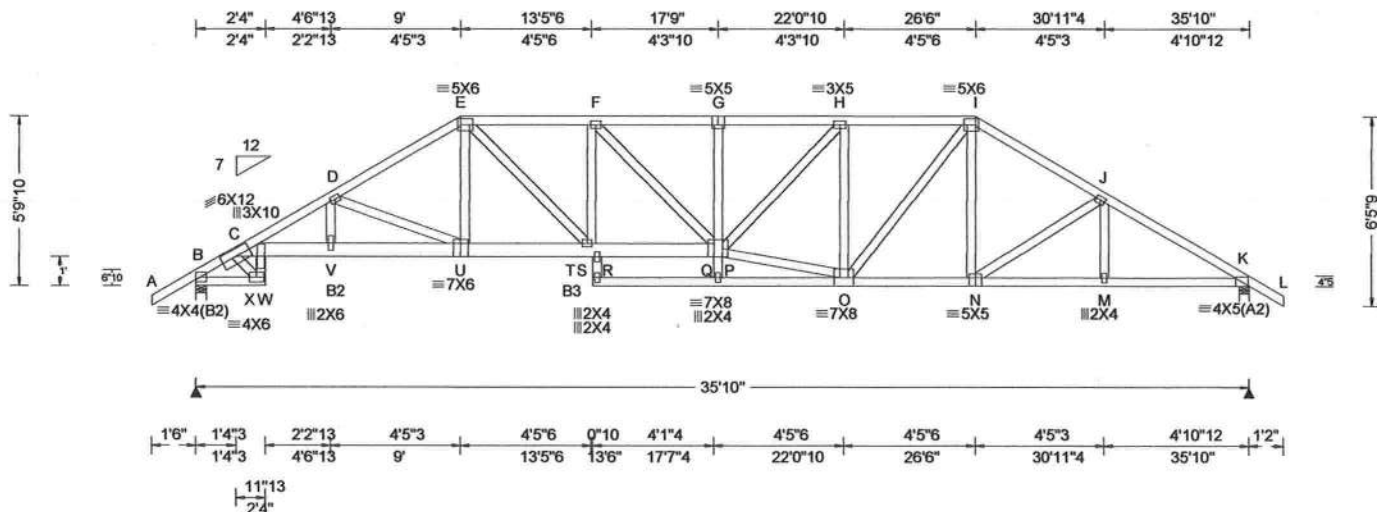
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296987 / FROM: CDM	HIPS Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: C02	Cust: R 215 JRef: 1WVY2150005 T31 / DrwNo: 160.20.1329.13062 / FV 06/08/2020
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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: 3.58 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 Code / Misc Criteria Bldg 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): 0.224 G 999 240 VERT(CL): 0.458 G 933 180 HORZ(LL): 0.119 M - - HORZ(TL): 0.243 M - - Creep Factor: 2.0 Max TC CSI: 0.651 Max BC CSI: 0.744 Max Web CSI: 0.880 VIEW Ver: 18.02.01B.0321.08	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1589 /- /- /926 /285 /185 K 1572 /- /- /914 /279 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.9 K Brg Width = 4.0 Min Req = 1.9 Bearings B & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2,B3 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3;

Plating Notes

All plates are 3X4 except as noted.

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 5'-9"-10".

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - W	1497 -306	T - R	2807 -559
C - X	3295 -658	R - P	2774 -551
X - V	3234 -645	O - N	1849 -348
V - U	3209 -642	N - M	2093 -444
U - T	2251 -411	M - K	2094 -443

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - W	469 -2299	T - F	176 -557
X - W	1514 -299	F - P	381 -82
V - D	629 -92	P - H	1092 -223
D - U	266 -1042	P - O	2310 -456
E - U	502 -92	H - O	271 -1065
E - T	745 -196	O - I	669 -177



COA #070861

06/08/2020

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

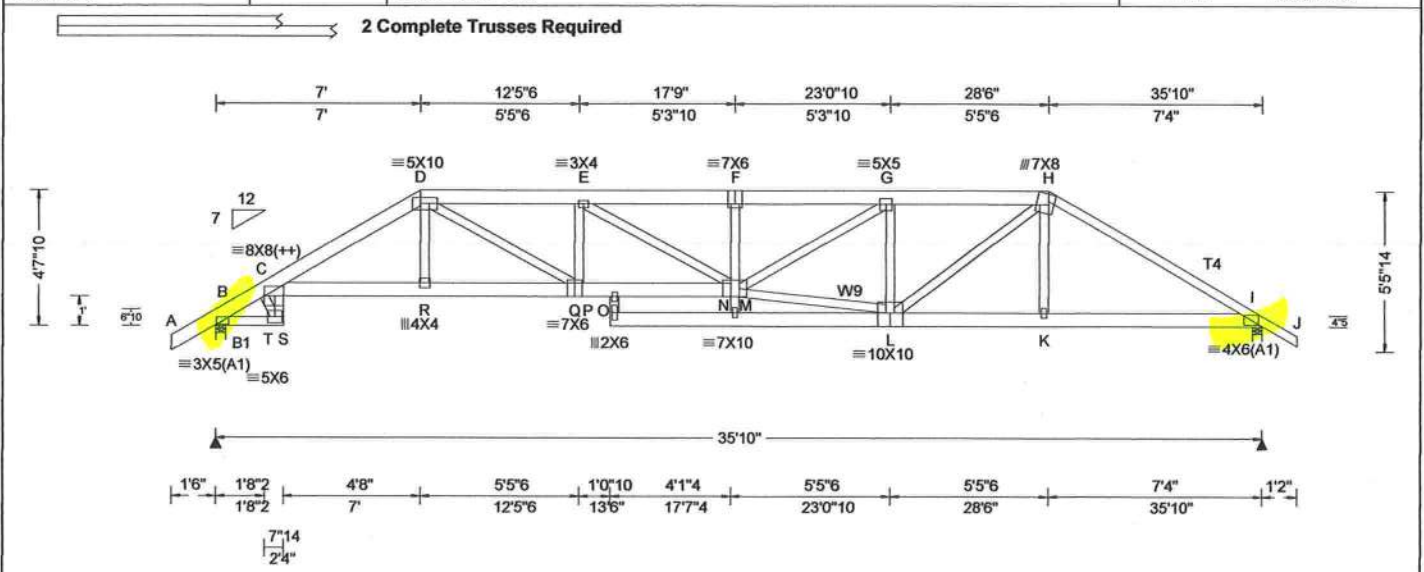
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043



Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg.Pf in PSF)		Defl/CSI Criteria		Maximum Reactions (lbs)	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA	Ct: NA	Pf: NA	Ce: NA	PP Deflection in Loc L/defl L/#	Gravity	Loc R+	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Lu: NA	Cs: NA	Snow Duration: NA		VERT(LL): 0.299 F 999 240	/ R-	/ Rh	/ Rw
BCLL: 0.00	Enclosure: Closed					VERT(CL): 0.601 F 710 180	/ U	/ RL	
BCDL: 10.00	Risk Category: II					HORZ(LL): 0.151 K - -			
Des Ld: 40.00	EXP: C Kzt: NA					HORZ(TL): 0.305 K - -			
NCBCLL: 0.00	Mean Height: 15.00 ft					Creep Factor: 2.0			
Soffit: 2.00	TCDL: 5.0 psf					Max TC CSI: 0.529			
Load Duration: 1.25	BCDL: 5.0 psf					Max BC CSI: 0.862			
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2					Max Web CSI: 0.927			
	C&C Dist a: 3.58 ft								
	Loc. from endwall: Any								
	GCpi: 0.18								
	Wind Duration: 1.60								

Lumber
Top chord: 2x6 SP 2400f-2.0E; T4 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E; B1 2x4 SP #2;
Webs: 2x4 SP #3; W9 2x4 SP #2;

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

Special Loads
—(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 15.06
TC: From 32 plf at 15.06 to 32 plf at 28.50
TC: From 63 plf at 28.50 to 63 plf at 37.00
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 15.06
BC: From 10 plf at 15.06 to 10 plf at 28.47
BC: From 20 plf at 28.47 to 20 plf at 35.83
BC: From 5 plf at 35.83 to 5 plf at 37.00
TC: 208 lb Conc. Load at 7.03
TC: 195 lb Conc. Load at 9.06, 11.06, 13.06
TC: 197 lb Conc. Load at 15.06, 17.06, 18.44, 20.44
22.44, 24.44, 26.44
TC: 294 lb Conc. Load at 28.47
BC: 526 lb Conc. Load at 7.03
BC: 123 lb Conc. Load at 9.06, 11.06, 13.06
BC: 133 lb Conc. Load at 15.06, 17.06, 18.44, 20.44
22.44, 24.44, 26.44
BC: 485 lb Conc. Load at 28.47

Plating Notes
All plates are 2X4 except as noted.
(++) - This plate works for both joints covered.

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

Wind
Wind loads and reactions based on MWFRS.

Additional Notes
The overall height of this truss excluding overhang is 4'-7-10.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - S	1267 -295	Q - O	5220 -1201
C - T	4010 -914	O - M	5160 -1185
T - R	3848 -876	L - K	2782 -629
R - Q	3885 -882	K - I	2770 -629

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - S	599 -2575	E - M	791 -173
T - S	2093 -480	M - G	2151 -488
D - R	798 -117	M - L	3920 -898
D - Q	1475 -345	G - L	407 -1484
Q - E	254 -779	L - H	1480 -349

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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297037 /	HIPS	Ply: 2	Job Number: 20-4326	Cust: R 215 JRef: 1WVY2150005 T48 /
FROM: CDM		Qty: 1	LOT 24 Cannon Creek	DrwNo: 160.20.1329.11486
Page 2 of 2			Truss Label: C03	/ FV 06/08/2020

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



COA #06078

06/08/2020

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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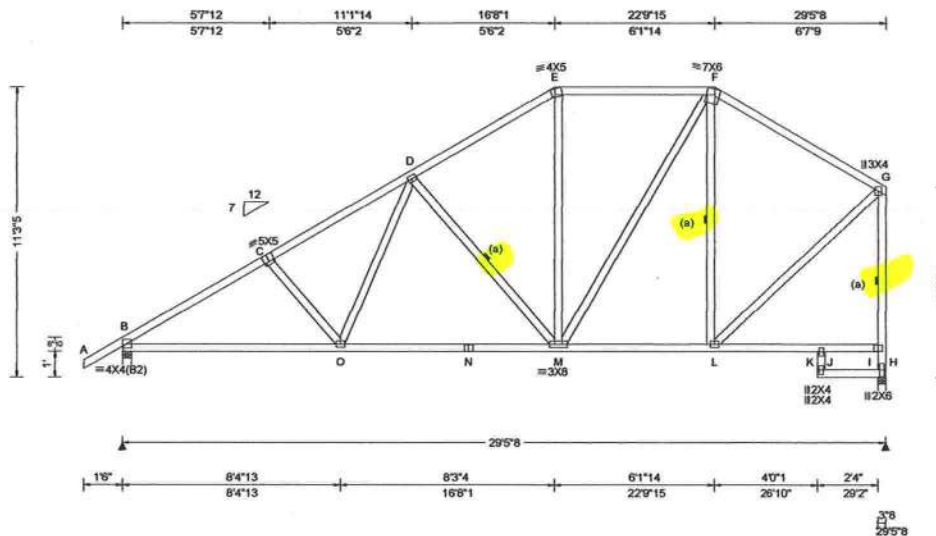
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297051 / FROM: CDM	COMN Ply: 1 Qty: 2	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: D01	Cust: R 215 JRef: 1WVY2150005 T45 / DrwNo: 160.20.1329.12765 / FV 06/08/2020
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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: 15.87 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 GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg 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): 0.073 O 999 240 VERT(CL): 0.140 K 999 180 HORZ(LL): 0.034 K - - HORZ(TL): 0.070 K - - Creep Factor: 2.0 Max TC CSI: 0.696 Max BC CSI: 0.861 Max Web CSI: 0.340 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1332 - / - / 835 / 203 / 270 H 1219 - / - / 669 / 203 / - Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.6 H Brg Width = 3.5 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 306 -1921 E - F 252 -901 C - D 318 -1706 F - G 182 -851 D - E 256 -1133

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.

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

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

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



COA #0278

06/08/2020

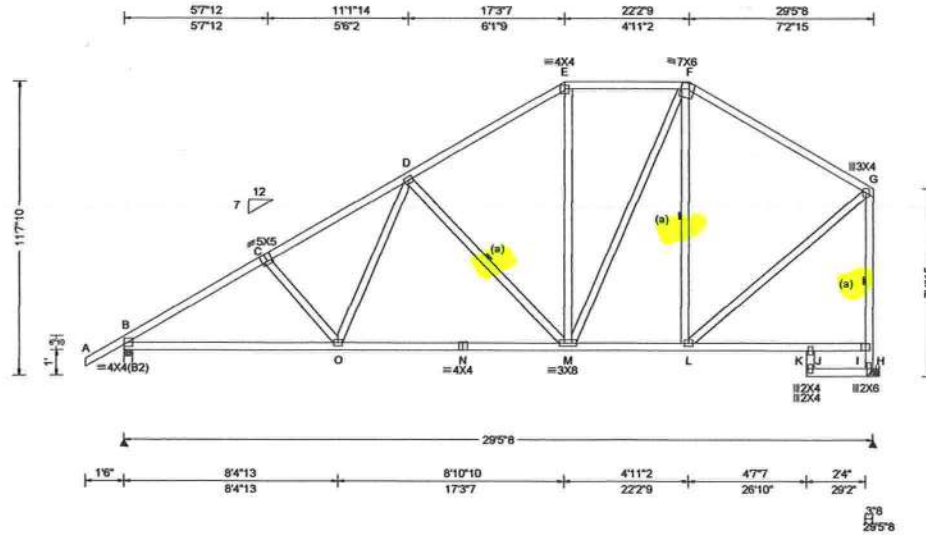
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297054 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: D02	Cust: R 215 JRef: 1WVY2150005 T39 / DrwNo: 160.20.1329.11767 / FV 06/08/2020
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Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg, Pf in PSF)		Defl/CSI Criteria		Maximum Reactions (lbs)	
TCLL: 20.00		Wind Std: ASCE 7-10		Pg: NA	Ct: NA	PP Deflection in loc L/defl L/#		Gravity	Non-Gravity
TCDL: 10.00		Speed: 130 mph		Pf: NA	Ce: NA	VERT(LL): 0.074 O 999 240		Loc R+ / R- / Rh / Rw / U / RL	
BCLL: 0.00		Enclosure: Closed		Lu: NA	Cs: NA	VERT(CL): 0.197 K 999 180		B 1332 /- /- /836 /213 /237	
BCDL: 10.00		Risk Category: II		Snow Duration: NA		HORZ(LL): 0.036 K - -		H 1219 /- /- /648 /223 /-	
Des Ld: 40.00		EXP: C Kzt: NA				HORZ(TL): 0.075 K - -		Wind reactions based on MWFRS	
NCBCLL: 10.00		Mean Height: 15.16 ft				Creep Factor: 2.0		B Brg Width = 4.0	Min Req = 1.6
Soffit: 2.00		TCDL: 5.0 psf				Max TC CSI: 0.911		H Brg Width = -	Min Req = -
Load Duration: 1.25		BCDL: 5.0 psf				Max BC CSI: 0.928		Bearing B is a rigid surface.	
Spacing: 24.0 "		MWFRS Parallel Dist: h/2 to h				Max Web CSI: 0.335		Members not listed have forces less than 375#	
		C&C Dist a: 3.00 ft						Maximum Top Chord Forces Per Ply (lbs)	
		Loc. from endwall: not in 9.00 ft						Chords Tens.Comp. Chords Tens. Comp.	
		GCpi: 0.18						B - C	376 -1921 E - F 331 -857
		Wind Duration: 1.60						C - D	390 -1708 F - G 266 -880
								D - E	329 -1097

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.

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Bearing at location x=29'2"8 uses the following support conditions: 29'2"8

Bearing H (29'2"8, 9') HUS26

Supporting Member: (2)2x6 SP 2400F-2.0E

(14) 0.148"x3" nails into supporting member,

(4) 0.148"x3" nails into supported member.

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

The overall height of this truss excluding overhang is 10'-7-10.

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



COA #0278

06/08/2020

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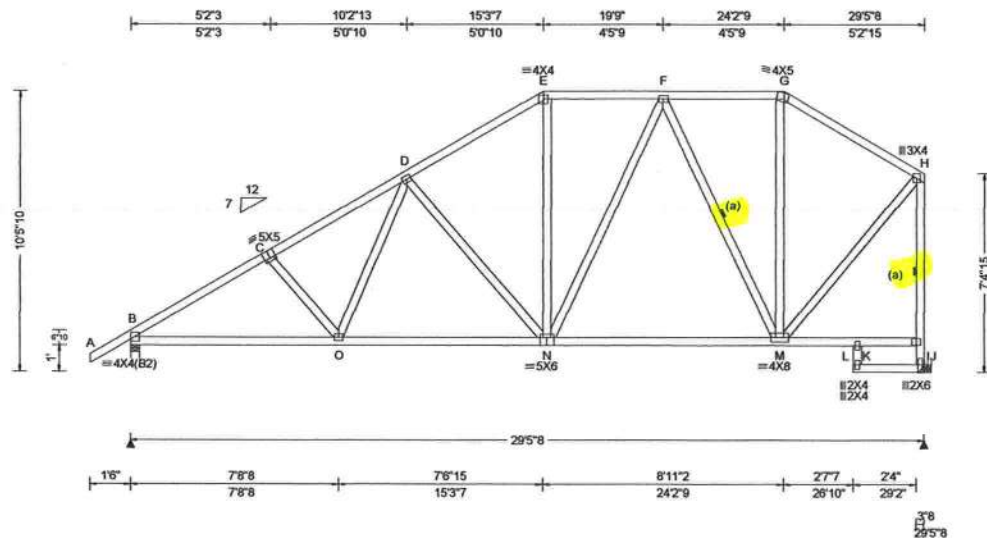
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297057 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: D03	Cust: R 215 JRef: 1WVY2150005 T42 / DrwNo: 160.20.1329.12750 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.073 O 999 240 VERT(CL): 0.150 O 999 180 HORZ(LL): 0.032 L - - HORZ(TL): 0.067 L - - Creep Factor: 2.0 Max TC CSI: 0.616 Max BC CSI: 0.855 Max Web CSI: 0.637 VIEW Ver: 18.02.01B.0321.08	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1332 /- /- /836 /215 /206 I 1219 /- /- /637 /228 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.6 I Brg Width = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 389 -1928 E - F 347 -996 C - D 402 -1734 F - G 246 -609 D - E 356 -1236 G - H 236 -776

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.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

The overall height of this truss excluding overhang is 9'-5"-10'.

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



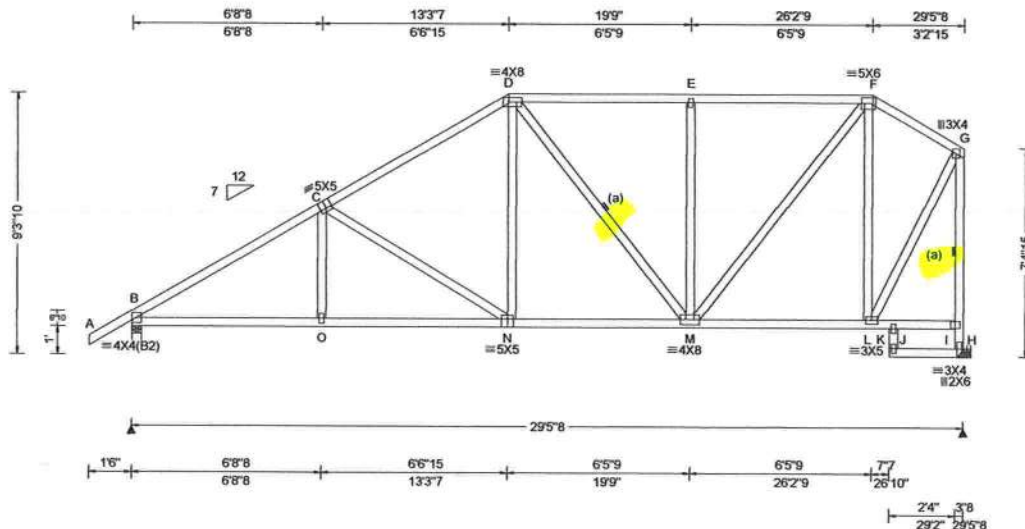
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AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297060 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: D04	Cust: R 215 JRef: 1WVY2150005 T25 / DrwNo: 160.20.1329.12001 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.071 N 999 240 VERT(CL): 0.146 N 999 180 HORZ(LL): 0.033 K - - HORZ(TL): 0.067 K - - Creep Factor: 2.0 Max TC CSI: 0.643 Max BC CSI: 0.793 Max Web CSI: 0.944 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1332 - / - / 832 / 217 / 193 H 1219 - / - / 631 / 232 - Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.6 H Brg Width = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 395 -1907 E - F 336 -1027 C - D 374 -1424 F - G 178 -568 D - E 336 -1027

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.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

The overall height of this truss excluding overhang is 8-3-10.

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



COA #0228
06/08/2020

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - O	1546 -442	N - M	1140 -303
O - N	1545 -442	M - L	463 -120

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - N	165 -482	F - L	244 -759
D - N	463 -72	L - G	981 -256
E - M	165 -428	I - G	335 -1199
M - F	897 -234	I - H	337 -1192

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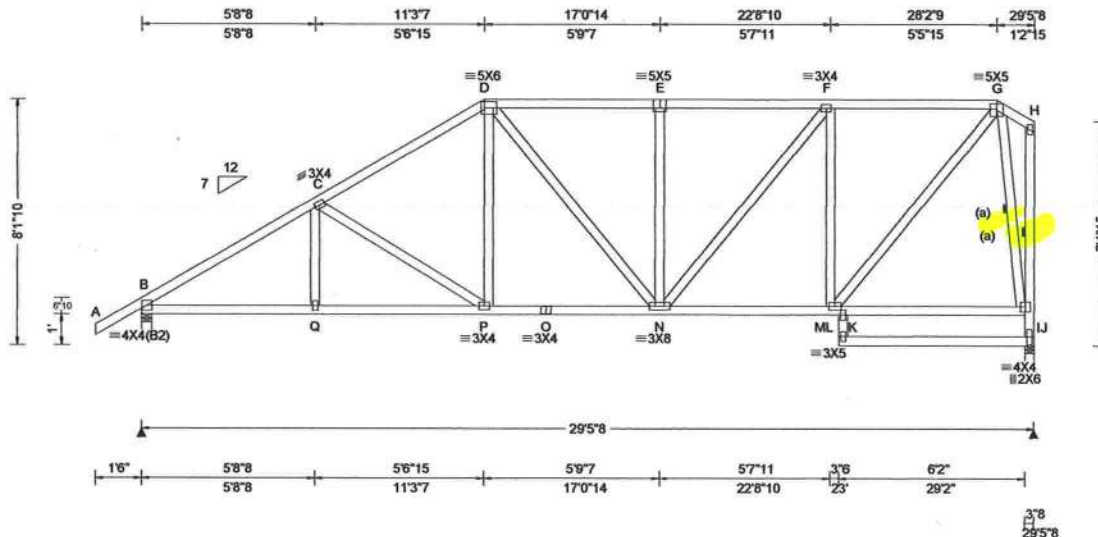
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AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297063 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: D05	Cust: R 215 JRef: 1WVY2150005 T38 / DrwNo: 160.20.1329.10691 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.076 P 999 240 VERT(CL): 0.156 P 999 180 HORZ(LL): 0.035 I - - HORZ(TL): 0.072 I - - Creep Factor: 2.0 Max TC CSI: 0.617 Max BC CSI: 0.846 Max Web CSI: 0.719 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1332 /- /- /823 /220 /193 I 1219 /- /- /630 /236 /- Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.6 I Brg Width = 3.5 Min Req = 1.5 Bearings B & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 402 -1922 E - F 378 -1305 C - D 393 -1550 F - G 277 -934 D - E 378 -1305

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.

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 7'-1-10.

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



COA #0028

06/08/2020

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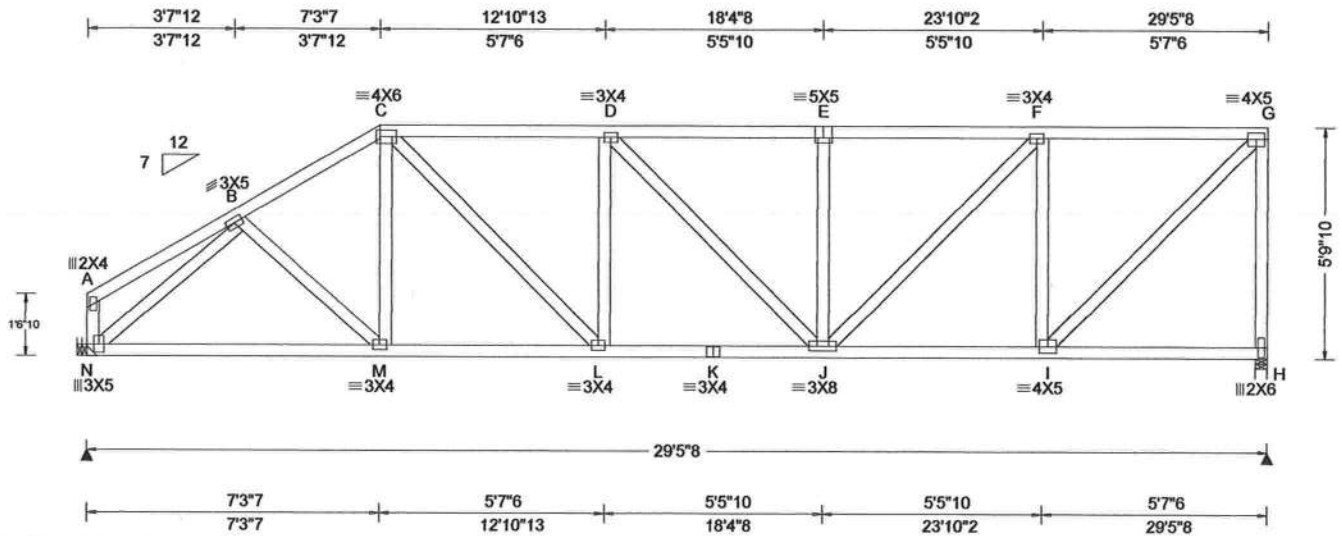
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Maryland Heights, MO 63043

SEQN: 297071 / FROM: CDM	COMN Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: D07	Cust: R215 JRef: 1WVY2150005 T35 / DrwNo: 160.20.1329.13235 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.070 D 999 240 VERT(CL): 0.145 D 999 180 HORZ(LL): 0.026 C - - HORZ(TL): 0.053 C - - Creep Factor: 2.0 Max TC CSI: 0.537 Max BC CSI: 0.666 Max Web CSI: 0.718 VIEW Ver: 18.02.01B.0321.08	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL N 1225 - / - / 699 / 201 / 121 H 1225 - / - / 621 / 239 / - Wind reactions based on MWFRS N Brg Width = - Min Req = - H Brg Width = 3.5 Min Req = 1.5 Bearing H 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 406 -1510 E - F 421 -1566 C - D 460 -1637 F - G 273 -1027 D - E 421 -1566

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

The overall height of this truss excluding overhang is
5-9-10.



COA #0278

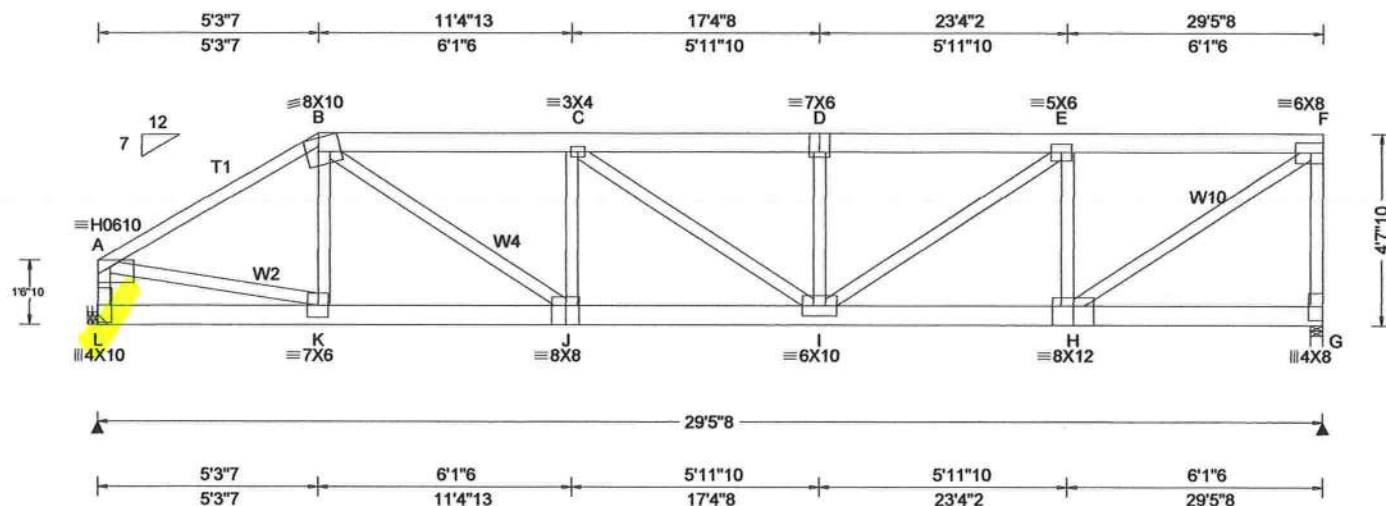
06/08/2020

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Maryland Heights, MO 63043



Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)		Defl/CSI Criteria		▲ Maximum Reactions (lbs)							
TCLL:	20.00	Wind Std: ASCE 7-10		Pg: NA	Ct: NA	CAT: NA	PP Deflection in	loc	L/defl	Gravity			Non-Gravity		
TCDL:	10.00	Speed: 130 mph		Pf: NA		Ce: NA	VERT(LL):	0.180	D	999	240	Loc	R+ / R-	/ Rh	/ Rw / U / RL
BCLL:	0.00	Enclosure: Closed		Lu: NA	Cs: NA		VERT(CL):	0.365	D	968	180	L	3390	-/-	-/- /712 -/-
BCDL:	10.00	Risk Category: II		Snow Duration: NA			HORZ(LL):	0.037	B	-	-	G	2918	-/-	-/- /575 -/-
Des Ld:	40.00	EXP: C Kzt: NA					HORZ(TL):	0.074	B	-	-	Wind reactions based on MWFRS			
NCBCLL:	10.00	Mean Height: 15.00 ft					Creep Factor:	2.0				L	Brg Width = -	Min Req = -	
Soffit:	2.00	TCDL: 5.0 psf					Max TC CSI:	0.763				G	Brg Width = 3.5	Min Req = 2.4	
Load Duration:	1.25	BCDL: 5.0 psf					Max BC CSI:	0.437				Bearing G is a rigid surface.			
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2					Max Web CSI:	0.981				Members not listed have forces less than 375#			
		C&C Dist a: 3.00 ft										Maximum Top Chord Forces Per Ply (lbs)			
		Loc. from endwall: not in 9.00 ft										Chords	Tens.Comp.	Chords	Tens. Comp.
		GCpi: 0.18										A - B	912 - 4408	D - E	1195 - 8069
		Wind Duration: 1.60													

Lumber

Top chord: 2x6 SP 2400f-2.0E; T1 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2, W4 2x4 SP #2;
W10 2x4 SP M-31;

Special Loads

—(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 29.46
BC: From 20 plf at 0.00 to 20 plf at 29.46
TC: 197 lb Conc. Load at 5.65, 7.65, 9.65, 11.65
13.65, 15.65, 17.65, 19.65, 21.65, 23.65
BC: 276 lb Conc. Load at 1.65, 3.65
BC: 133 lb Conc. Load at 5.65, 7.65, 9.65, 11.65
13.65, 15.65, 17.65, 19.65, 21.65, 23.65

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is
4'-7"-10".



COA #0278

06/08/2020

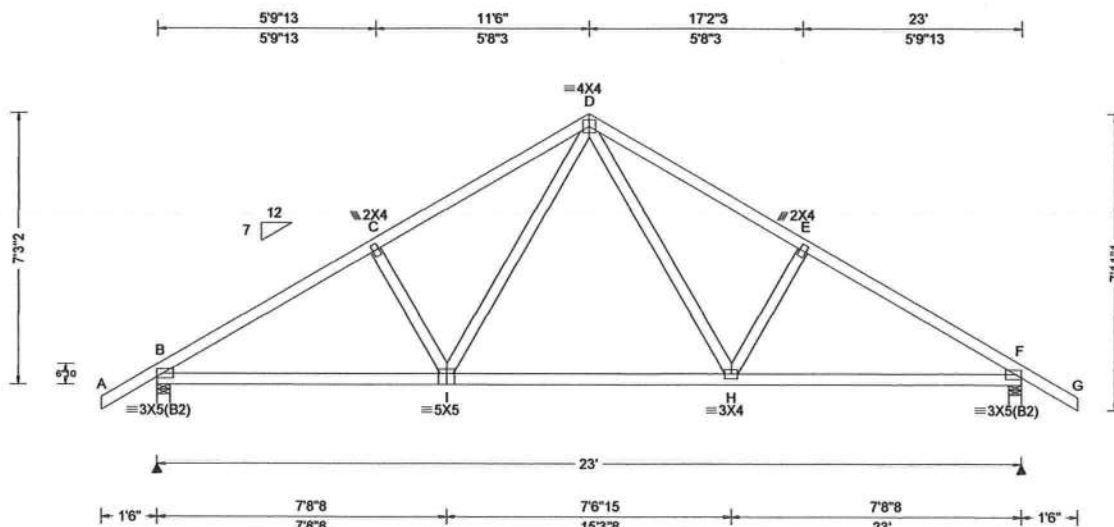
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Suite 200
Maryland Heights, MO 63043

SEQN: 297087 / FROM: CDM	COMN Ply: 1 Qty: 5	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: G01	Cust: R 215 JRef: 1WVY2150005 T26 / DrwNo: 160.20.1329.12625 / FV 06/08/2020
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
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): 0.067 H 999 240	Loc	R+	/R-	/Rh	/Rw	/U	/RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.129 H 999 180	B	1121	/-	/-	/635	/182	/216
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.034 H - -	F	1122	/-	/-	/635	/182	/-
	EXP: C Kzt: NA		HORZ(TL): 0.064 H - -	Wind reactions based on MWFRS						
Des Ld: 40.00	Mean Height: 15.00 ft		Creep Factor: 2.0	B	Brg Width = 4.0		Min Req = 1.5			
NCBCLL: 10.00	TCDL: 5.0 psf		Max TC CSI: 0.546	F	Brg Width = 4.0		Min Req = 1.5			
Soffit: 2.00	BCDL: 5.0 psf		Max BC CSI: 0.675	Bearings B & F are a rigid surface.						
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.201	Members not listed have forces less than 375#						
Spacing: 24.0 "	C&C Dist a: 3.00 ft			Maximum Top Chord Forces Per Ply (lbs)						
	Loc. from endwall: Any			Chords	Tens.Comp.		Chords	Tens. Comp.		
	GCpi: 0.18			B - C	399	-1552	D - E	437	-1381	
	Wind Duration: 1.60									
					</					

Lumber

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

Loading

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

Wind

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

Additional Notes

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



COA #0278
06/08/2020

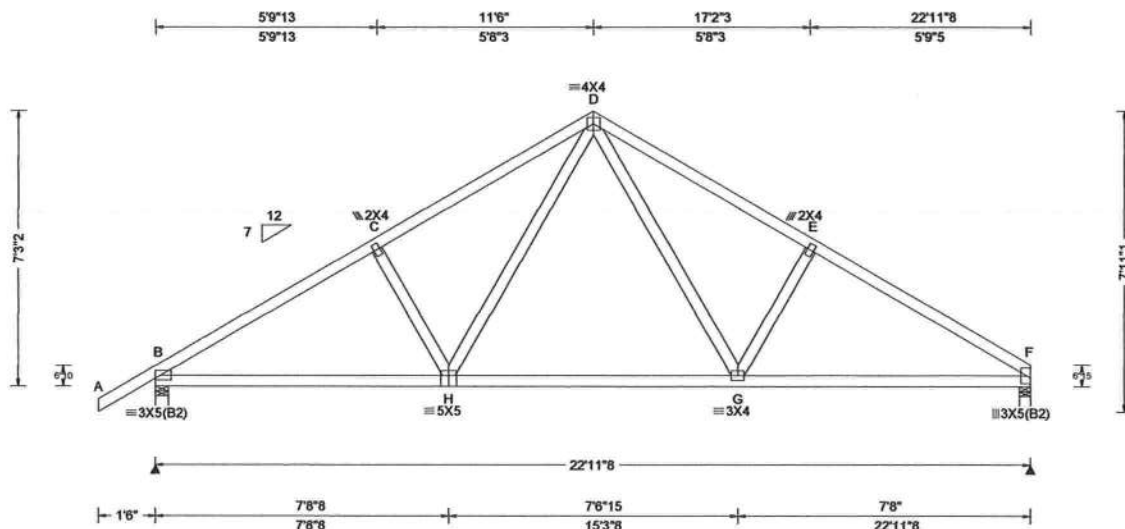
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297091 / FROM: CDM	COMN Ply: 1 Qty: 5	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: G02	Cust: R 215 JRef: 1WVY2150005 T33 / DrwNo: 160.20.1329.13109 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.066 H 999 240 VERT(CL): 0.128 H 999 180 HORZ(LL): 0.032 G - - HORZ(TL): 0.062 G - - Creep Factor: 2.0 Max TC CSI: 0.545 Max BC CSI: 0.679 Max Web CSI: 0.207 VIEW Ver: 18.02.01B.0321.08	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1125 /- /- /634 /183 /199 F 1015 /- /- /547 /155 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 F Brg Width = 3.5 Min Req = 1.5 Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 300 -1560 D - E 353 -1399 C - D 338 -1387 E - F 315 -1571

Lumber

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

Loading

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

Wind

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

Additional Notes

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



COA #0278

06/08/2020

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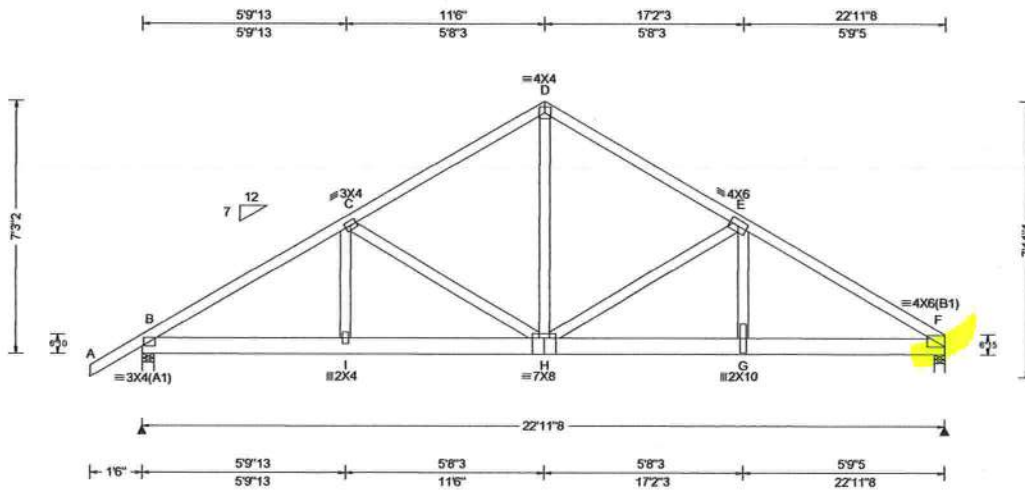
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Maryland Heights, MO 63043

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
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): 0.069 G 999 240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.137 G 999 180	B	1978	/-	/-	/-	/395	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.018 G - -	F	3650	/-	/-	/-	/699	/-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.036 G - -	Wind reactions based on MWFRS						
NCBCLL: 0.00	Mean Height: 15.00 ft		Creep Factor: 2.0	B	Brig Width = 4.0			Min Req = 1.5		
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.429	F	Brig Width = 3.5			Min Req = 1.5		
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.428	Bearings B & F are a rigid surface.						
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.688	Members not listed have forces less than 375#						
	C&C Dist a: 3.00 ft			Maximum Top Chord Forces Per Ply (lbs)						
	Loc. from endwall: not in 9.00 ft			Chords	Tens.Comp.		Chords	Tens. Comp.		
	GCpi: 0.18			B - C	295 - 1517		D - E	281 - 1422		
	Wind Duration: 1.60		VIEW Ver: 18.02.01B.0321.08							

Lumber

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

Nailnote

Nail Schedule: 0.131"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 9.50" o.c.
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

—(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 22.96
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 15.06
BC: From 10 plf at 15.06 to 10 plf at 19.06
BC: From 20 plf at 19.06 to 20 plf at 22.96
BC: 1219 lb Conc. Load at 15.06,17.06,19.06

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 7'-3-2."



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

Chords	Tens.Comp.	Chords	Tens. Comp.
B - I	1268 - 239	H - G	2461 - 474
I - H	1269 - 240	G - F	2490 - 479

Maximum Web Forces Per Ply (lbs)

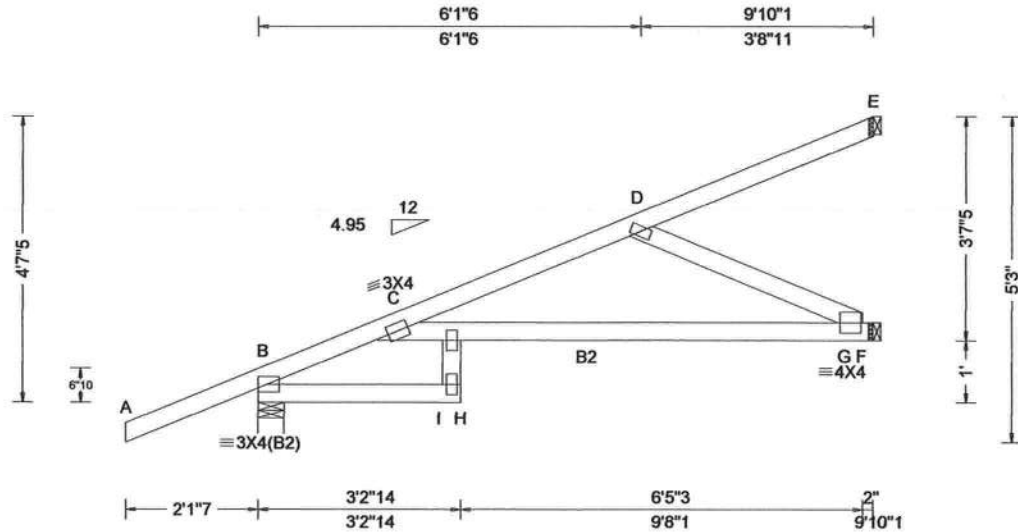
Webs	Tens.Comp.	Webs	Tens. Comp.
D - H	1201 - 194	E - G	1420 - 236
H - E	292 - 1504		

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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 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 Code / Misc Criteria Bldg 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): 0.240 H 487 240 VERT(CL): 0.419 H 279 180 HORZ(LL): 0.088 I - - HORZ(TL): 0.172 I - - Creep Factor: 2.0 Max TC CSI: 0.949 Max BC CSI: 0.492 Max Web CSI: 0.227 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ / R- / Rh / Rw / U / RL B 367 - / - / - / 178 - F 404 - / - / - / 94 - E 12 - / - / - / 3 - Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.9 Min Req = 1.5 F Brg Width = 1.5 Min Req = - E Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. C - D 207 - 577

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP M-31;
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 9.84
BC: From 0 plf at -2.12 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 9.84
TC: -41 lb Conc. Load at 1.38
TC: 136 lb Conc. Load at 4.21
TC: 269 lb Conc. Load at 7.03
BC: 23 lb Conc. Load at 1.38
BC: 88 lb Conc. Load at 4.21
BC: 164 lb Conc. Load at 7.03

Plating Notes

All plates are 2X4 except as noted.

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 4'-7.5".

Provide (3) 0.131"x3.0", min. toe-nails at top chord.
Provide (3) 0.131"x3.0", min. toe-nails at bottom chord.



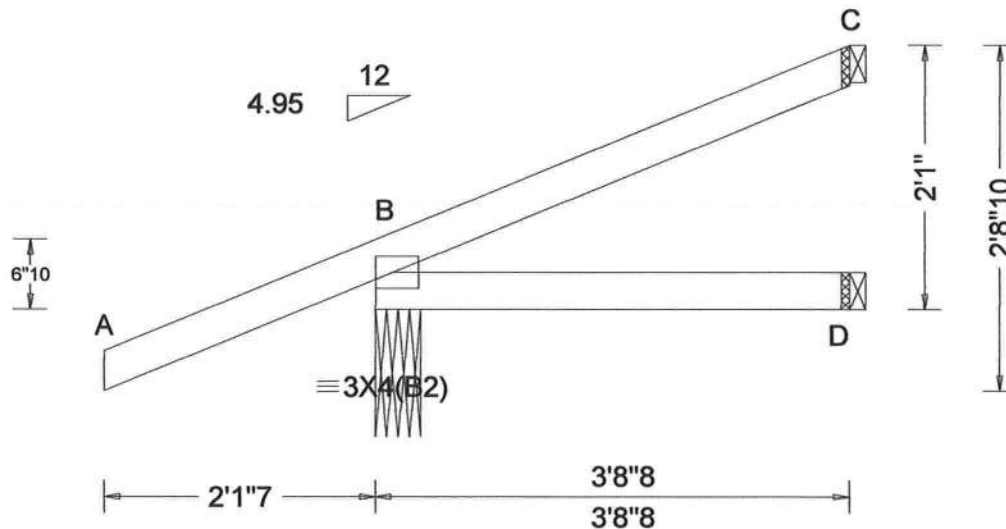
COA #0278
06/08/2020

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Maryland Heights, MO 63043



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 Code / Misc Criteria Bldg 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): -0.003 D - - HORZ(TL): 0.003 D - - Creep Factor: 2.0 Max TC CSI: 0.195 Max BC CSI: 0.135 Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 189 /- /- /- /199 /- D 66 /-3 /- /- /9 /- C 29 /-23 /- /- /30 /- Wind reactions based on MWFRS B Brg Width = 4.2 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

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 3.71
BC: From 0 plf at -2.12 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 3.71
TC: -86 lb Conc. Load at 0.91
BC: 4 lb Conc. Load at 0.91

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 2'-1-0.

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



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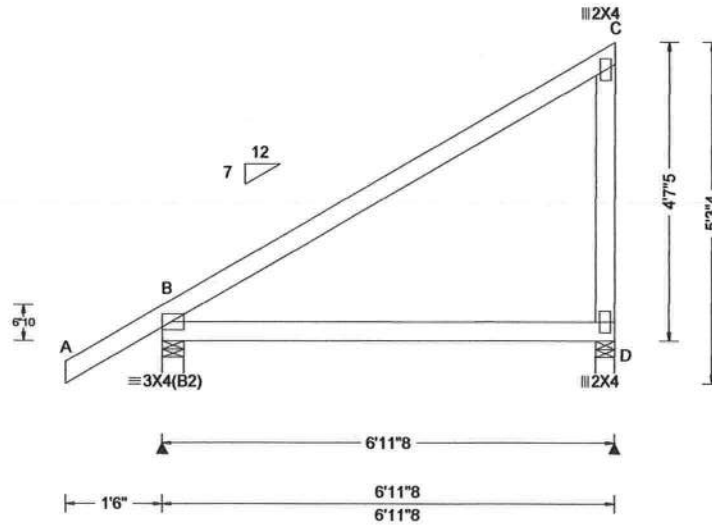
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Suite 200
Maryland Heights, MO 63043

SEQN: 297081 / FROM: CDM	MONO Ply: 1 Qty: 2	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J10	Cust: R 215 JRef: 1WVY2150005 T1 / DrwNo: 160.20.1329.12968 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.011 C - - HORZ(TL): 0.023 C - - Creep Factor: 2.0 Max TC CSI: 0.784 Max BC CSI: 0.544 Max Web CSI: 0.074 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 406 /- /- /283 /2 /94 D 274 /- /- /192 /37 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 3.5 Min Req = 1.5 Bearings B & D 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.

Right end vertical not exposed to wind pressure.

Additional Notes

The overall height of this truss excluding overhang is 4'-7.5."



COA #0028
06/08/2020

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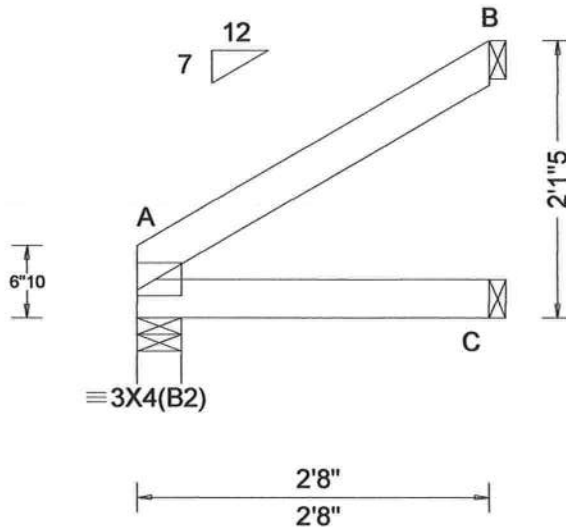
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296958 / FROM: CDM	EJAC Ply: 1 Qty: 3	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J1B	Cust: R215 JRef: 1WVY2150005 T11 / DrwNo: 160.20.1329.11330 / FV 06/08/2020
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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): NA	A	114	/-	/-	/73	/1	/43
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	C	51	/-	/-	/36	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 C - -	B	79	/-	/-	/41	/35	/-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 C - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	A	Brg Width = 4.0		Min Req = 1.5			
Soffit: 2.00	TCDL: 5.0 psf	Code / Misc Criteria	Max TC CSI: 0.107	C	Brg Width = 1.5		Min Req = -			
Load Duration: 1.25	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max BC CSI: 0.078	B	Brg Width = 1.5		Min Req = -			
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.000	Bearing A is a rigid surface.						
	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: 18.02.01B.0321.08							

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 2'-1-5".

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



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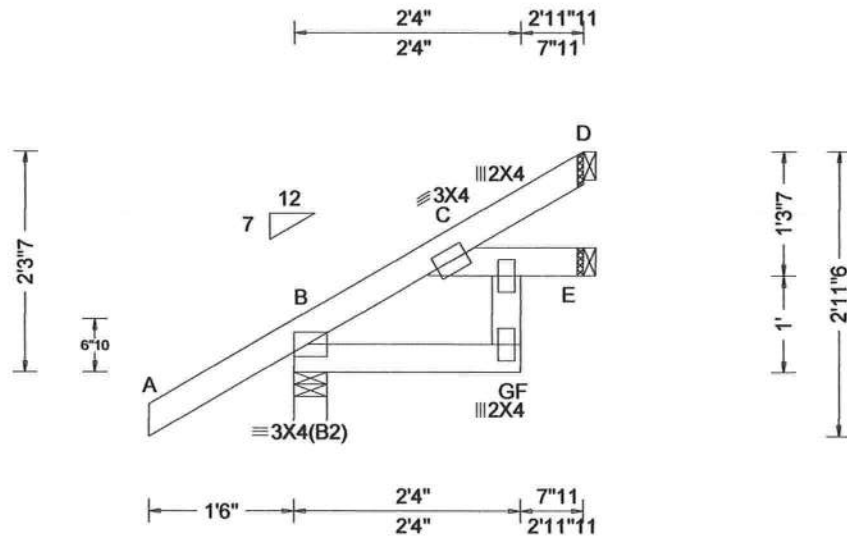
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Maryland Heights, MO 63043

SEQN: 296993 / FROM: CDM	JACK Qty: 2	Ply: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J4	Cust: R215 JRef: 1WVY2150005 T53 / DrwNo: 160.20.1329.10332 / FV 06/08/2020
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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): 0.004 G 999 240	B	257	/-	/-	/189	/36	/74
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.008 G 999 180	E	44	/-	/-	/34	/-	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 G - -	D	68	/-	/-	/34	/28	/-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.005 G - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	B	Brg Width = 4.0		Min Req = 1.5			
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.182	E	Brg Width = 1.5		Min Req = -			
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.049	D	Brg Width = 1.5		Min Req = -			
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.032	Bearing B is a rigid surface.						
	C&C Dist a: 3.00 ft			Members not listed have forces less than 375#						
	Loc. from endwall: not in 4.50 ft									
	GCpi: 0.18									
	Wind Duration: 1.60									

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.

Additional Notes

The overall height of this truss excluding overhang is 2'-3"-7".

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0028
06/08/2020

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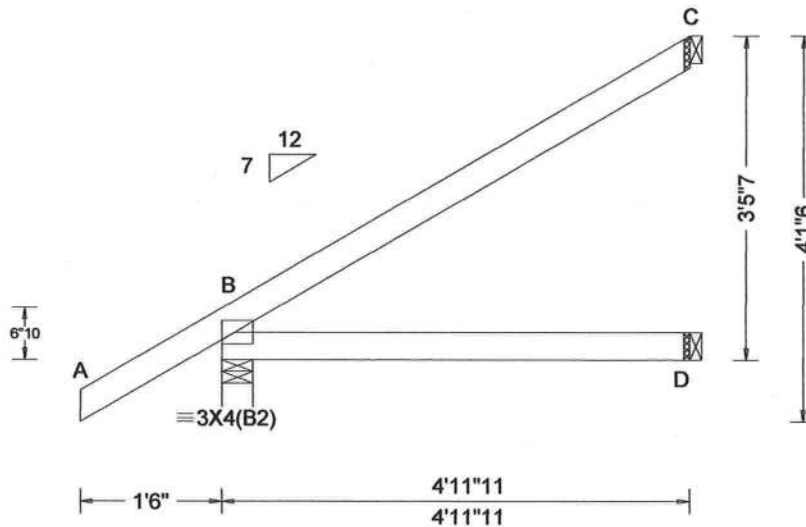
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Suite 200
Maryland Heights, MO 63043

SEQN: 297005 / FROM: CDM	JACK Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J5	Cust: R 215 JRef: 1WVY2150005 T5 / DrwNo: 160.20.1329.12594 / FV 06/08/2020
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
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): NA	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B	328	/-	/-	/233	/37	/107
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 D - -	D	94	/-	/-	/65	/-	/-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 D - -	C	135	/-	/-	/67	/58	/-
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Creep Factor: 2.0	Wind reactions based on MWFRS						
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.351	B	Brg Width = 4.0		Min Req = 1.5			
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.272	D	Brg Width = 1.5		Min Req = -			
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.000	C	Brg Width = 1.5		Min Req = -			
	C&C Dist a: 3.00 ft			Bearing B is a rigid surface.						
	Loc. from endwall: not in 4.50 ft			Members not listed have forces less than 375#						
	GCpi: 0.18									
	Wind Duration: 1.60									
			VIEW Ver: 18.02.01B.0321.08							

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 3'-5-7".

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0278

06/08/2020

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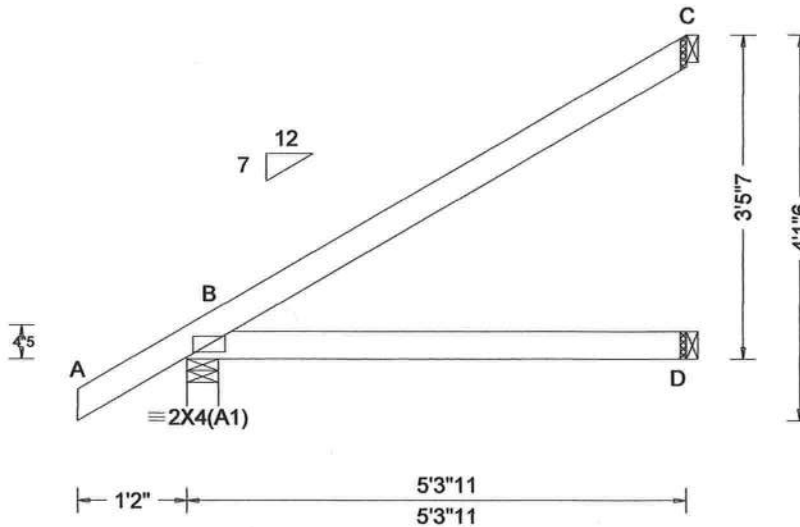
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinet.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297008 / FROM: CDM	JACK Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J5A	Cust: R215 JRef: 1WVY2150005 T9 / DrwNo: 160.20.1329.13125 / FV 06/08/2020
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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): NA	B	317	/-	/-	/221	/32	/107
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	D	97	/-	/-	/67	/0	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.006 D - -	C	142	/-	/-	/74	/59	/-
Des Ld: 40.00	EXP: C Kzt: NA	Code / Misc Criteria	HORZ(TL): 0.012 D - -	Wind reactions based on MWFRS						
NCBCLL: 10.00	Mean Height: 15.00 ft		Bldg Code: FBC 2017 RES	Creep Factor: 2.0	B	Brg Width = 4.0		Min Req = 1.5		
Soffit: 2.00	TCDL: 5.0 psf		TPI Std: 2014	Max TC CSI: 0.390	D	Brg Width = 1.5		Min Req = -		
Load Duration: 1.25	BCDL: 5.0 psf		Rep Fac: Yes	Max BC CSI: 0.294	C	Brg Width = 1.5		Min Req = -		
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		FT/RT:20(0)/10(0)	Max Web CSI: 0.000	Bearing B is a rigid surface.					
	C&C Dist a: 3.00 ft	Plate Type(s):	VIEW Ver: 18.02.01B.0321.08	Members not listed have forces less than 375#						
	Loc. from endwall: not in 4.50 ft	WAVE								
	GCpi: 0.18									
	Wind Duration: 1.60									

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 3'-5-7".

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0278

06/08/2020

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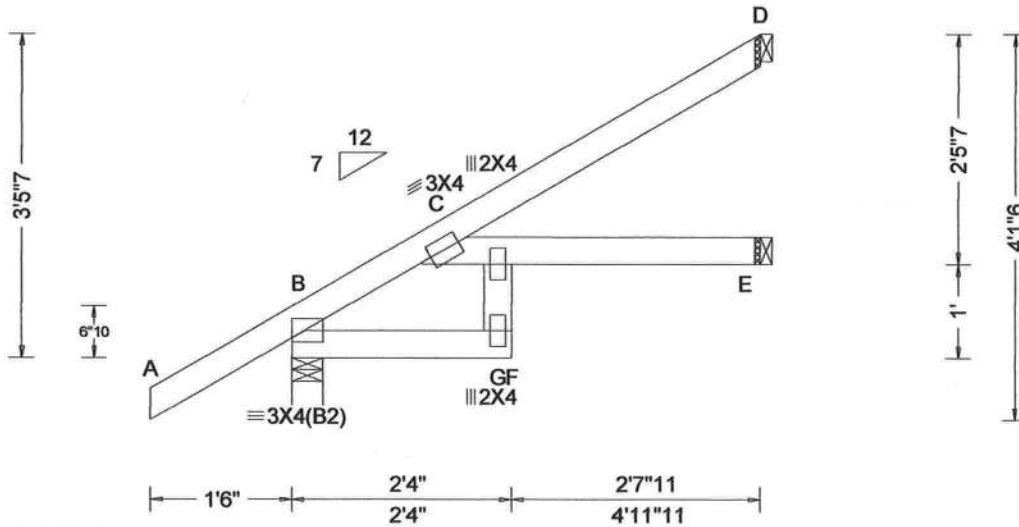
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296996 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J6	Cust: R215 JRef: 1WVY2150005 T43 / DrwNo: 160.20.1329.13234 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.040 F 999 240 VERT(CL): 0.079 F 747 180 HORZ(LL): 0.024 G - - HORZ(TL): 0.049 G - - Creep Factor: 2.0 Max TC CSI: 0.366 Max BC CSI: 0.209 Max Web CSI: 0.138 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 328 - / - / 233 / 37 / 107 E 82 - / - / 57 / 1 / - D 135 - / - / 73 / 54 / - Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 1.5 Min Req = - D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 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 7/8".

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0278

06/08/2020

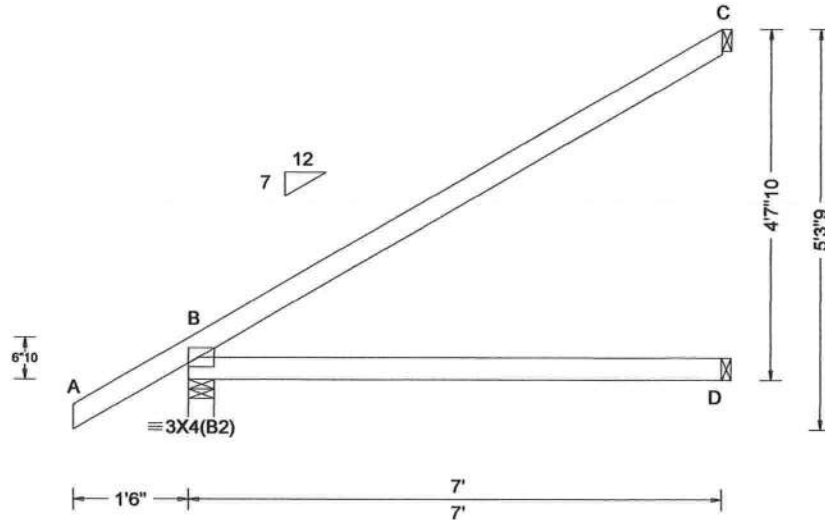
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043



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 GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg 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): 0.011 D - - HORZ(TL): 0.022 D - - Creep Factor: 2.0 Max TC CSI: 0.795 Max BC CSI: 0.550 Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 407 /- /- /284 /39 /141 D 133 /- /- /92 /- /- C 197 /- /- /102 /83 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 4'-7"-10'.

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0278

06/08/2020

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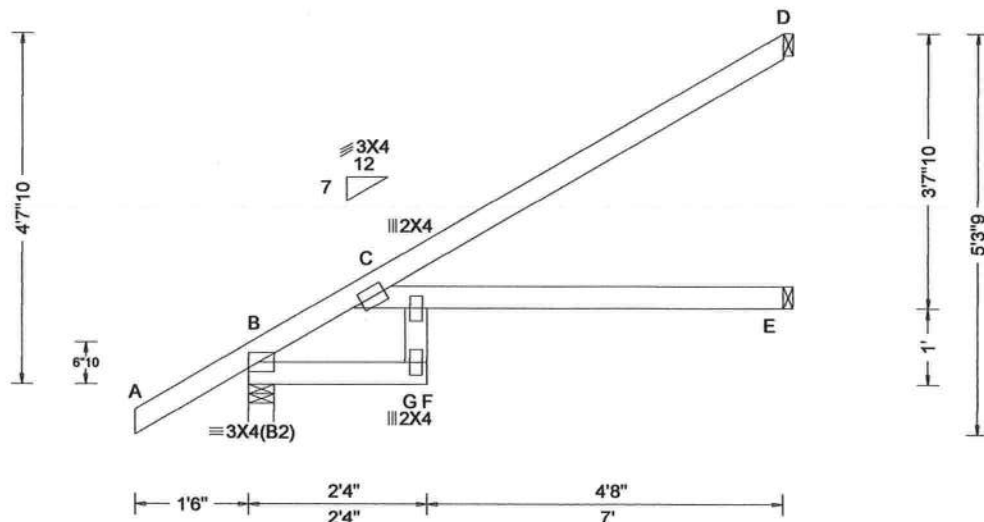
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 296999 / FROM: CDM	EJAC Ply: 1 Qty: 4	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J8	Cust: R 215 JRef: 1WVY2150005 T8 / DrwNo: 160.20.1329.10191 / FV 06/08/2020
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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 GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg 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): 0.137 F 605 240 VERT(CL): 0.276 F 301 180 HORZ(LL): 0.078 G - - HORZ(TL): 0.156 G - - Creep Factor: 2.0 Max TC CSI: 0.781 Max BC CSI: 0.467 Max Web CSI: 0.313 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ / R- / Rh / Rw / U / RL B 407 /- /- /284 /39 /141 E 123 /- /- /87 /3 /- D 195 /- /- /107 /78 /- Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 1.5 Min Req = - D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 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 4'-7"-10".

Provide (2) 0.131"x3.0", min. toe-nails at top chord.

Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0278

06/08/2020

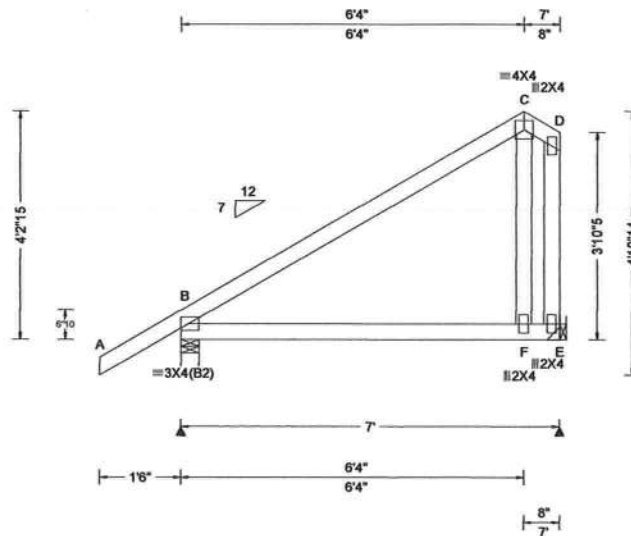
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Def/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 GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg 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 C 999 240 VERT(CL): 0.065 C 999 180 HORZ(LL): 0.046 D - - HORZ(TL): 0.092 D - - Creep Factor: 2.0 Max TC CSI: 0.592 Max BC CSI: 0.456 Max Web CSI: 0.237 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 407 /- /- /281 /51 /120 E 276 /- /- /181 /67 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Bearing at location x=6'9" uses the following support conditions: 6'9"

Bearing E (6'9", 9") HUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

The overall height of this truss excluding overhang is 4'-2-15.



COA #00278
06/08/2020

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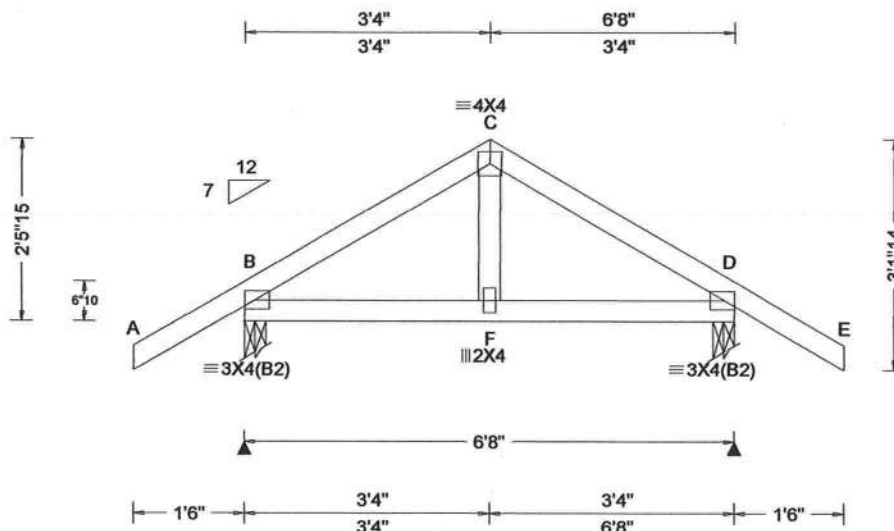
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297111 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: K01	Cust: R215 JRef: 1WVY2150005 T19 / DrwNo: 160.20.1329.12813 / FV 06/08/2020
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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): 0.004 F 999 240	B 379	/-	/-	/252	/70	/94
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.008 F 999 180	D 379	/-	/-	/252	/70	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 F - -	Wind reactions based on MWFRS					
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 F - -	B Brg Width = 3.5 Min Req = 1.5					
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	D Brg Width = 3.5 Min Req = 1.5					
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.199	Bearings B & D are a rigid surface.					
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.120	Members not listed have forces less than 375#					
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.049						
	C&C Dist a: 3.00 ft		VIEW Ver: 18.02.01B.0321.08						
	Loc. from endwall: Any								
	GCpi: 0.18								
	Wind Duration: 1.60								

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.

Additional Notes

The overall height of this truss excluding overhang is 25-15.



COA #0228
06/08/2020

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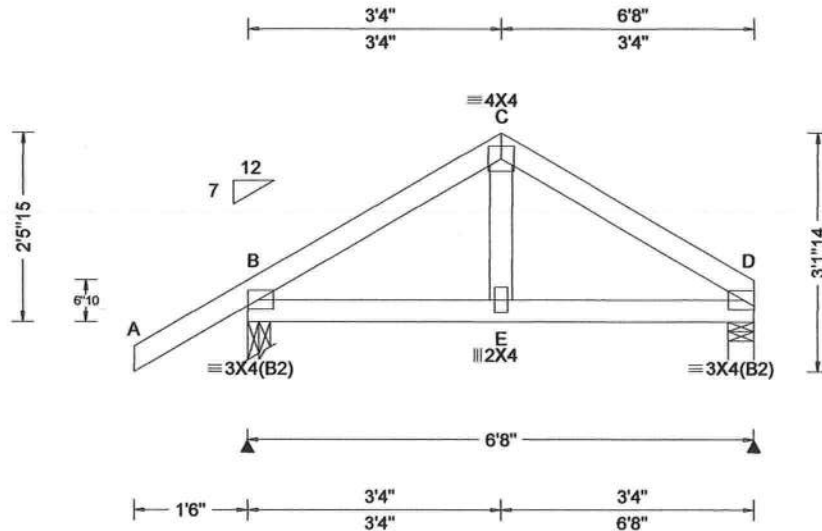
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ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297114 / FROM: CDM	COMN Qty: 2	Ply: 1 Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: K02	Cust: R 215 JRef: 1WVY2150005 T24 / DrwNo: 160.20.1329.11003 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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 E 999 240 VERT(CL): 0.007 E 999 180 HORZ(LL): 0.001 E - - HORZ(TL): 0.003 E - - Creep Factor: 2.0 Max TC CSI: 0.199 Max BC CSI: 0.137 Max Web CSI: 0.050 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ /R- /Rh /Rw /U /RL B 392 /- /- /252 /73 /77 D 264 /- /- /158 /40 /- Non-Gravity Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 D Brg Width = 4.0 Min Req = 1.5 Bearings B & D 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.

Additional Notes

The overall height of this truss excluding overhang is 2'-5-15."



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

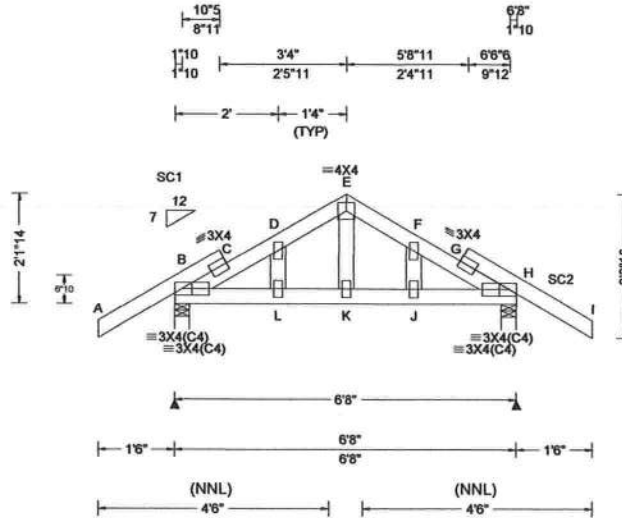
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 SBCEA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have 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.

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

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Def/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 Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 J 999 240 VERT(CL): 0.008 L 999 180 HORZ(LL): 0.002 F - - HORZ(TL): 0.003 D - - Creep Factor: 2.0 Max TC CSI: 0.239 Max BC CSI: 0.115 Max Web CSI: 0.048 VIEW Ver: 18.02.01B.0321.08	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 408 /- /- /276 /278 /103 H 408 /- /- /276 /279 /- Wind reactions based on MWFRS B Brg Width = 3.5 Min Req = 1.5 H Brg Width = 3.5 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 300 -476 G - H 289 -466

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 1-0-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

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

Additional Notes

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 21-14.



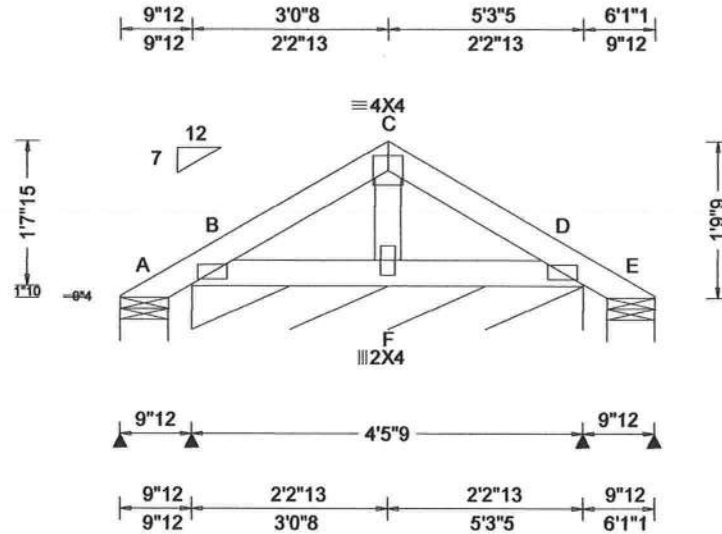
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * = PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.87 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 GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg 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 F 999 240 VERT(CL): 0.001 F 999 180 HORZ(LL): -0.000 F - - HORZ(TL): 0.001 F - - Creep Factor: 2.0 Max TC CSI: 0.046 Max BC CSI: 0.046 Max Web CSI: 0.012 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL A 9 /- /- /27 /20 /42 B* 101 /- /- /49 /10 /- E 9 /- /- /6 /- /- Wind reactions based on MWFRS A Brg Width = 6.5 Min Req = 1.5 B Brg Width = 53.6 Min Req = - E Brg Width = 6.5 Min Req = 1.5 Bearings A, B, & E are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

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

Wind

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

Additional Notes

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

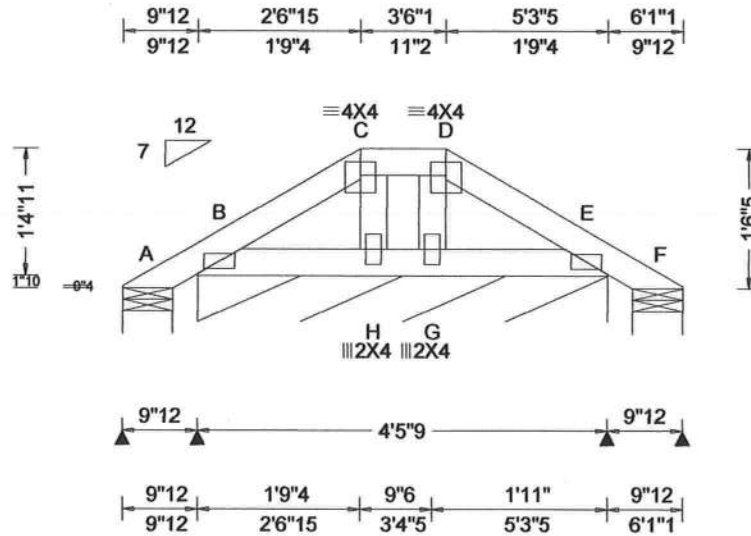


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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.74 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 Code / Misc Criteria Bldg 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 H 999 240 VERT(CL): 0.001 G 999 180 HORZ(LL): 0.000 H - - HORZ(TL): 0.000 H - - Creep Factor: 2.0 Max TC CSI: 0.027 Max BC CSI: 0.024 Max Web CSI: 0.011 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL A 16 /- /- /24 /13 /35 B* 97 /- /- /46 /9 /- F 16 /- /- /10 /1 /- Wind reactions based on MWFRS A Brg Width = 6.5 Min Req = 1.5 B Brg Width = 53.6 Min Req = - F Brg Width = 6.5 Min Req = 1.5 Bearings A, B, & 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;

Plating Notes

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

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 1-6-5.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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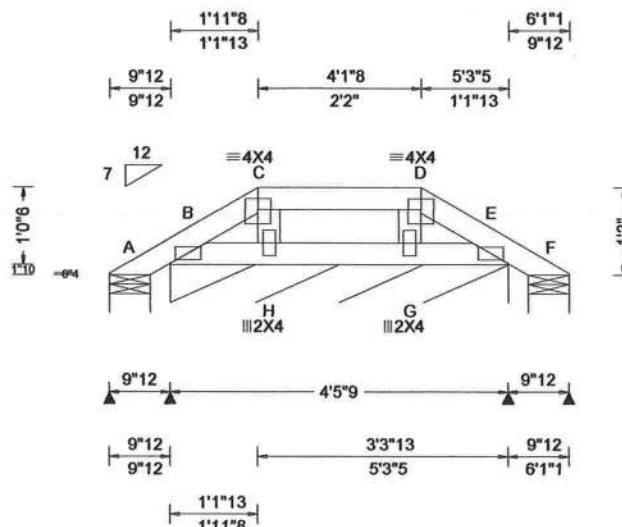
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ALPINE
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297103 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: P03	Cust: R215 JRef: 1WVY2150005 T40 / DrwNo: 160.20.1329.10067 / FV 06/08/2020
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * =PLF						
				Gravity			Non-Gravity			
				Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	A	24	/-	/-	/20	/5	/27
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 G 999 240	B*	93	/-	/-	/44	/8	/-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 G 999 180	F	24	/-	/-	/16	/4	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 G - -	Wind reactions based on MWFRS						
Des Ld: 40.00	EXP: C Kzt: NA	Code / Misc Criteria	HORZ(TL): 0.000 H - -	A	Brg Width = 6.5		Min Req = 1.5			
NCBCLL: 10.00	Mean Height: 15.56 ft		Creep Factor: 2.0	B	Brg Width = 53.6		Min Req = -			
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.085	F	Brg Width = 6.5		Min Req = 1.5			
Load Duration: 1.25	BCDL: 5.0 psf		Max BC CSI: 0.023	Bearings A, B, & F are a rigid surface.						
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h		Max Web CSI: 0.015	Members not listed have forces less than 375#						
	C&C Dist a: 3.00 ft									
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)								
	GCpi: 0.18	Plate Type(s):								
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08							

Lumber

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

Plating Notes

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

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 1-2-0.



COA #0278

06/08/2020

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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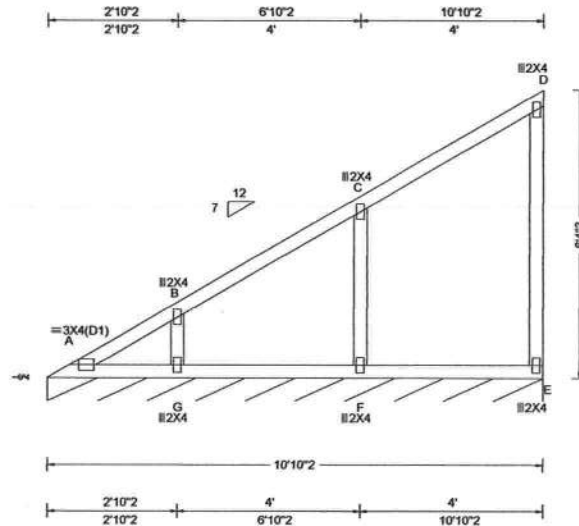
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297104 / FROM: CDM	VAL	Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: V1	Cust: R 215 JRef: 1WVY2150005 T55 / DrwNo: 160.20.1329.13155 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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): 0.002 G 999 240 VERT(CL): 0.003 G 999 180 HORZ(LL): -0.002 D - - HORZ(TL): 0.003 D - - Creep Factor: 2.0 Max TC CSI: 0.263 Max BC CSI: 0.171 Max Web CSI: 0.090 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 82 /- /- /55 /4 /11 Wind reactions based on MWFRS E Brg Width = 130 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

See DWG VAL160101014 for valley details.

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



COA #0948

06/08/2020

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

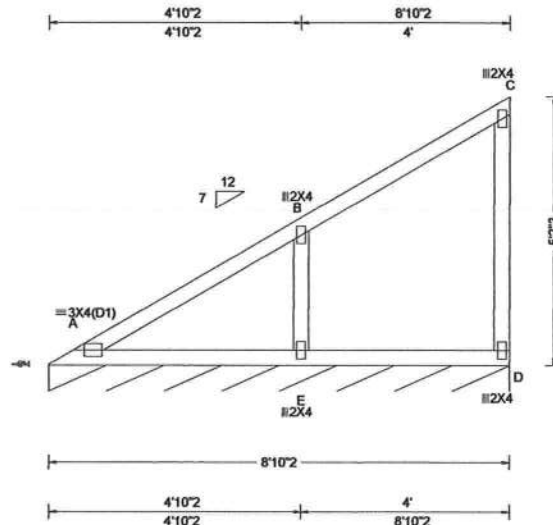
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Suite 200
Maryland Heights, MO 63043

SEQN: 297105 / FROM: CDM	VAL Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: V2	Cust: R215 JRef: 1WVY2150005 T56 / DrwNo: 160.20.1329.11502 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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 E 999 240 VERT(CL): 0.022 E 999 180 HORZ(LL): 0.003 E - - HORZ(TL): 0.007 E - - Creep Factor: 2.0 Max TC CSI: 0.318 Max BC CSI: 0.223 Max Web CSI: 0.068 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 82 /- /- /55 /4 /10 Wind reactions based on MWFRS D Brg Width = 106 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 5-2-3.



COA #00278

06/08/2020

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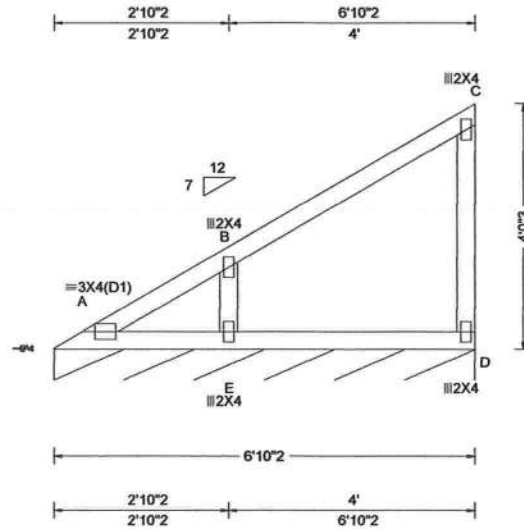
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Suite 200
Maryland Heights, MO 63043

SEQN: 297106 / FROM: CDM	VAL Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: V3	Cust: R215 JRef: 1WVY2150005 T57 / DrwNo: 160.20.1329.10223 / FV 06/08/2020
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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 Code / Misc Criteria Bldg 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 E 999 240 VERT(CL): 0.002 E 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.194 Max BC CSI: 0.131 Max Web CSI: 0.058 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 82 /- /- /54 /3 /10 Wind reactions based on MWFRS D Brg Width = 82.1 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 4-0-3.



COA #0278

06/08/2020

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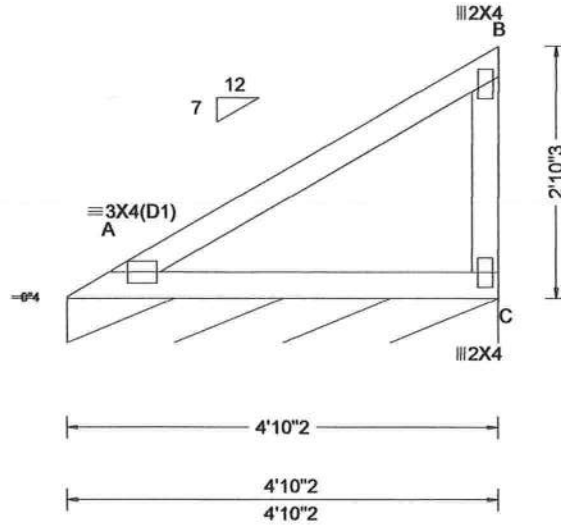
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have 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.

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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297107 / FROM: CDM	VAL Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: V4	Cust: R 215 JRef: 1WVY2150005 T58 / DrwNo: 160.20.1329.12672 / FV 06/08/2020
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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: 15.14 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 Code / Misc Criteria Bldg 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): NA VERT(CL): NA HORZ(LL): 0.005 C - - HORZ(TL): 0.011 C - - Creep Factor: 2.0 Max TC CSI: 0.288 Max BC CSI: 0.259 Max Web CSI: 0.080 VIEW Ver: 18.02.01B.0321.08	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 81 /- /- /53 /3 /10 Wind reactions based on MWFRS C Brg Width = 58.1 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 2-10-3.



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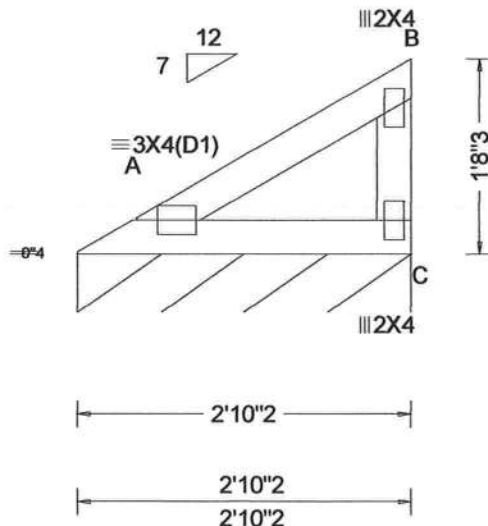
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297108 / FROM: CDM	VAL Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: V5	Cust: R215 JRef: 1WVY2150005 T59 / DrwNo: 160.20.1329.11081 / FV 06/08/2020
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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): NA	Loc	R+	/R-	/Rh	/Rw	/U	/RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	C*	80	/-	/-	/51	/2	/9
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 C - -	Wind reactions based on MWFRS						
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 C - -	C	Brg Width = 34.1		Min Req = -			
NCBCLL: 10.00	Mean Height: 15.72 ft		Creep Factor: 2.0	Bearing A is a rigid surface.						
Soffit: 2.00	TCDL: 5.0 psf		Max TC CSI: 0.088	Members not listed have forces less than 375#						
Load Duration: 1.25	BCDL: 5.0 psf	Code / Misc Criteria	Max BC CSI: 0.076							
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Bldg Code: FBC 2017 RES	Max Web CSI: 0.020							
	C&C Dist a: 3.00 ft	TPI Std: 2014								
	Loc. from endwall: not in 9.00 ft	Rep Fac: Yes								
	GCpi: 0.18	FT/RT:20(0)/10(0)								
	Wind Duration: 1.60	Plate Type(s):								
		WAVE	VIEW Ver: 18.02.01B.0321.08							

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.

Additional Notes

See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 1-8-3.



COA #0278

06/08/2020

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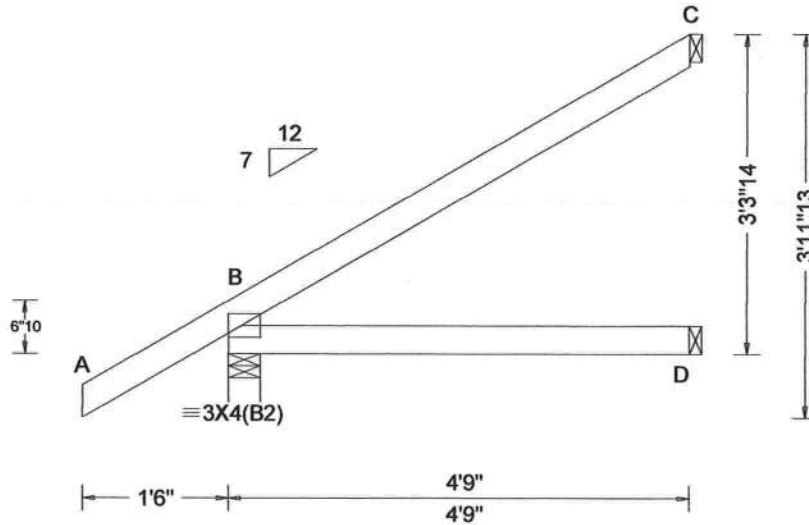
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SEQN: 297122 / FROM: CDM	EJAC Ply: 1 Qty: 3	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: J5B	Cust: R 215 JRef: 1WVY2150005 T32 / DrwNo: 160.20.1329.11268 / FV 06/08/2020
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Loading Criteria (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 Code / Misc Criteria Bldg 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 D - - HORZ(TL): 0.005 D - - Creep Factor: 2.0 Max TC CSI: 0.311 Max BC CSI: 0.247 Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08	Gravity Loc R+ / R- / Rh / Rw / U / RL B 320 /- /- /228 /37 /103 D 89 /- /- /62 /- /- C 128 /- /- /63 /56 /- Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 3-3-14.

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0278

06/08/2020

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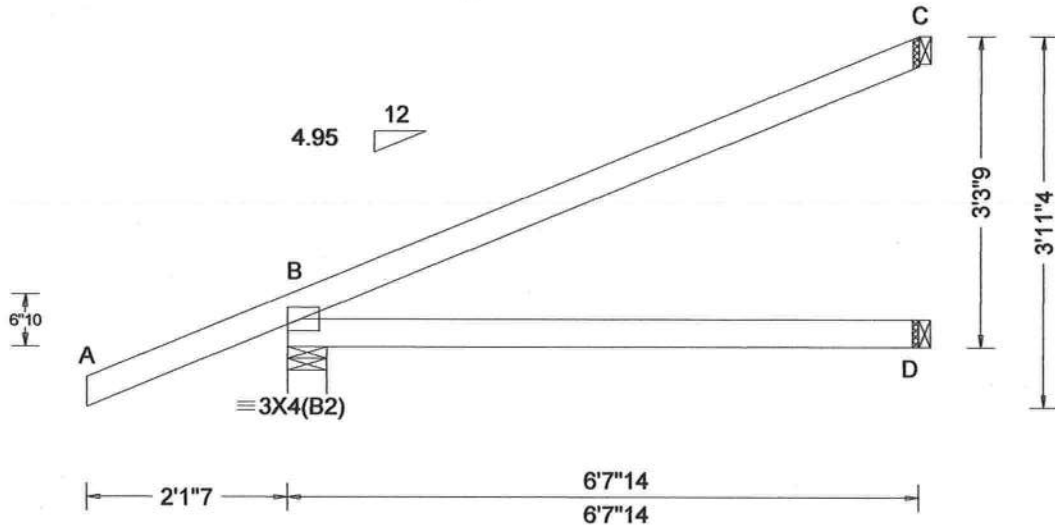
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297125 / FROM: CDM	HIP_	Ply: 1 Qty: 2	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: HJ3	Cust: R215 JRef: 1WVY2150005 T28 / DrwNo: 160.20.1329.10347 / FV 06/08/2020
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
				Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	B	272	/-	/-	/-	/137	/-
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	D	124	/-	/-	/-	/2	/-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	C	78	/-	/-	/-	/44	/-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 D - -	Wind reactions based on MWFRS						
	EXP: C Kzt: NA		HORZ(TL): 0.010 D - -	B	Brg Width = 4.9		Min Req = 1.5			
Des Ld: 40.00	Mean Height: 15.00 ft		Creep Factor: 2.0	D	Brg Width = 1.5		Min Req = -			
NCBCLL: 10.00	TCDL: 5.0 psf	Code / Misc Criteria	Max TC CSI: 0.542	C	Brg Width = 1.5		Min Req = -			
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max BC CSI: 0.506	Bearing B is a rigid surface.						
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.000	Members not listed have forces less than 375#						
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case								
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)								
	GCpi: 0.18	Plate Type(s):								
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08							

Lumber

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

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 6.66
BC: From 0 plf at -2.12 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 6.66
TC: -41 lb Conc. Load at 1.38
TC: 134 lb Conc. Load at 4.21
BC: 23 lb Conc. Load at 1.38
BC: 108 lb Conc. Load at 4.21

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

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

Provide (2) 0.131"x3.0", min. toe-nails at top chord.
Provide (2) 0.131"x3.0", min. toe-nails at bottom chord.



COA #0228
06/08/2020

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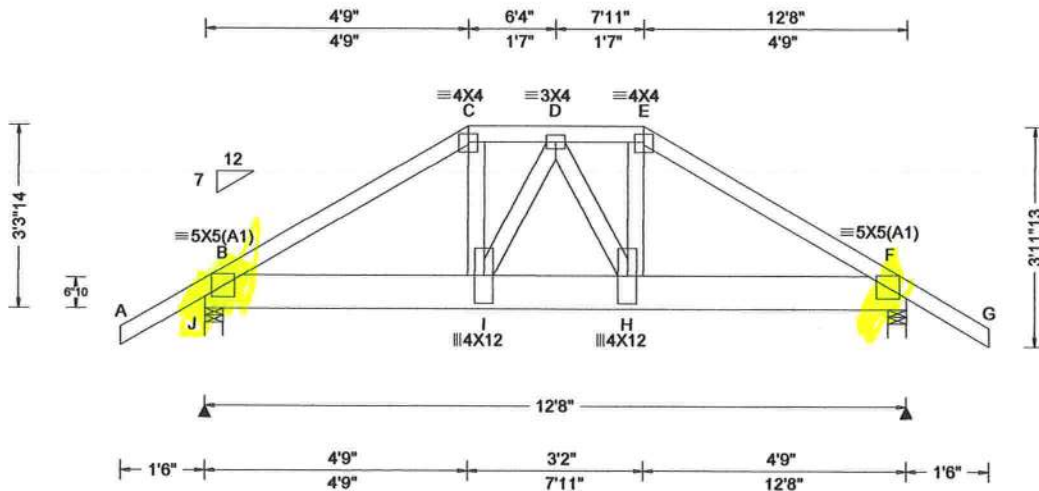
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Suite 200
Maryland Heights, MO 63043

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Def/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 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 Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.044 H 999 240 VERT(CL): 0.088 H 999 180 HORZ(LL): 0.008 H - - HORZ(TL): 0.016 H - - Creep Factor: 2.0 Max TC CSI: 0.317 Max BC CSI: 0.302 Max Web CSI: 0.552 VIEW Ver: 18.02.01B.0321.08	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL J 3138 -/-/-/-/653 -/- F 5014 -/-/-/-/972 -/- Wind reactions based on MWFRS J Brg Width = 4.0 Min Req = 1.5 F Brg Width = 4.0 Min Req = 2.1 Bearings J & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 537 -2609 D - E 595 -3017 C - D 468 -2326 E - F 675 -3361

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x8 SP 2400f-2.0E;
Webs: 2x4 SP #3;

Nailnote

Nail Schedule: 0.131"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 3.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 14.17
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 12.67
BC: From 5 plf at 12.67 to 5 plf at 14.17
TC: 206 lb Conc. Load at 4.78, 7.89
TC: 128 lb Conc. Load at 6.33
BC: 213 lb Conc. Load at 4.78, 7.89
BC: 89 lb Conc. Load at 6.33
BC: 3390 lb Conc. Load at 7.06
BC: 1225 lb Conc. Load at 9.06, 11.06

Purlins

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

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is
3-3-14.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - I	2216 -450	H - F	2869 -570
I - H	2675 -536		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - I	1082 -172	D - H	832 -140
I - D	169 -854	H - E	1448 -240



COA #00228
06/08/2020

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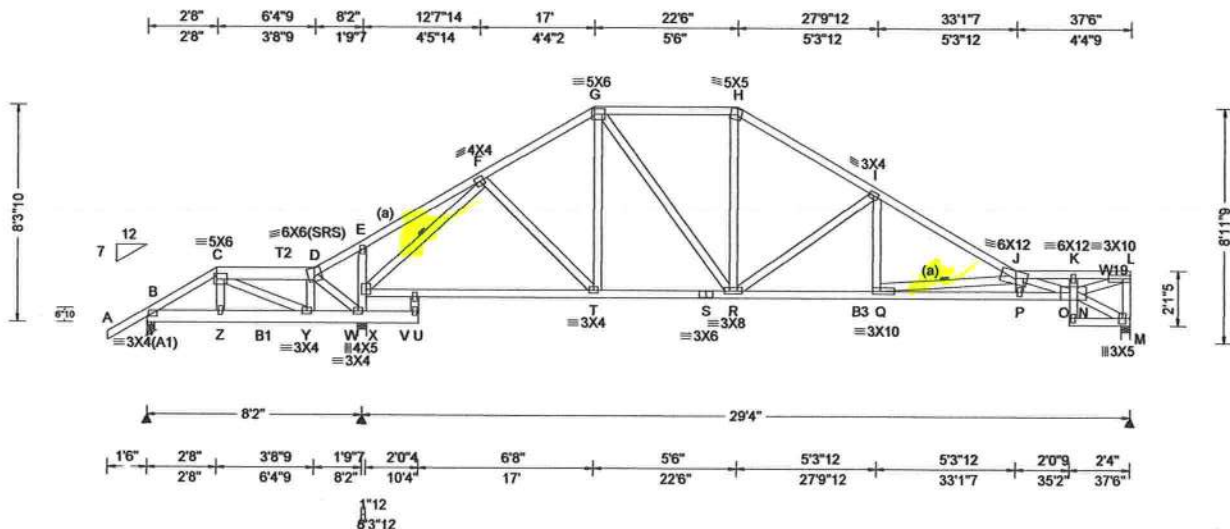
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13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

SEQN: 297139 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 20-4326 LOT 24 Cannon Creek Truss Label: B02	Cust: R 215 JRef: 1WVY2150005 T10 / DrwNo: 160.20.1329.12812 / FV 06/08/2020
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/def L/#	GravityNon-Gravity LocR+ / R- / Rh / Rw / U / RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.250 J 999 240	B 615 - / - /186 /158 /211
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.514 J 687 180	X 1926 - / - /998 /343 -
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.101 M - -	M 1198 - / - /675 /226 -
Des Ld: 40.00	EXP: C Kzt: NA	Code / Misc Criteria	HORZ(TL): 0.209 M - -	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Bldg Code: FBC 2017 RES	Creep Factor: 2.0	B Brg Width = 3.5 Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf	TPI Std: 2014	Max TC CSI: 0.687	X Brg Width = 4.0 Min Req = 1.5
Load Duration: 1.25	BCDL: 5.0 psf	Rep Fac: Varies by Ld Case	Max BC CSI: 0.734	M Brg Width = 4.0 Min Req = 1.5
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	FT/RT:20(0)/10(0)	Max Web CSI: 0.846	Bearings B, X, & M are a rigid surface.
	C&C Dist a: 3.75 ft	Plate Type(s):		Members not listed have forces less than 375#
	Loc. from endwall: not in 9.00 ft	WAVE		Maximum Top Chord Forces Per Ply (lbs)
	GCpi: 0.18			Chords Tens.Comp Chords Tens. Comp
	Wind Duration: 1.60		VIEW Ver: 18.02.01B.0321.08	

Lumber
 Top chord: 2x4 SP #2; T2 2x6 SP 2400F-2.0E;
 Bot chord: 2x4 SP #2; B1 2x6 SP 2400F-2.0E;
 B3 2x4 SP M-31;
 Webs: 2x4 SP #3; W19 2x4 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 63 plf at -1.50 to 63 plf at 37.50
 BC: From 5 plf at -1.50 to 5 plf at 0.00
 BC: From 20 plf at 0.00 to 20 plf at 37.50
 TC: 108 lb Conc. Load at 2.70
 TC: 79 lb Conc. Load at 4.85, 6.32
 BC: 117 lb Conc. Load at 2.70
 BC: 51 lb Conc. Load at 4.85, 6.32

Plating Notes
 All plates are 2X4 except as noted.

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

Wind
 Wind loads based on MWFRS.
 Right end vertical not exposed to wind pressure.

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

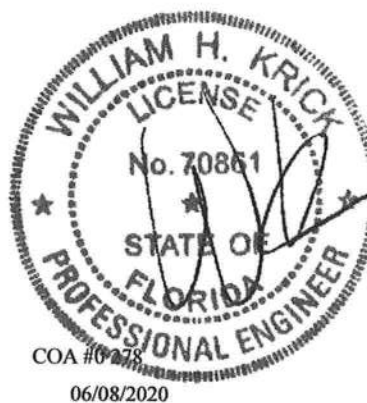
Additional Notes
 The overall height of this truss excluding overhang is 8-3-10.
 It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data, including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - Z	512 -118	S - R	1037 -199
Z - Y	521 -114	R - Q	2038 -465
W - V	963 -210	Q - P	5227 -1348
V - T	931 -209	P - N	5163 -1325
T - S	1037 -199		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - X	160 -538	Q - J	886 -3190
X - W	396 -1407	J - P	167 -503
W - F	390 -1655	P - N	409 -1644
R - H	426 -98	N - L	3444 -895
R - I	299 -985	L - M	302 -1099
I - Q	670 -134		



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

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

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 Suite 200
 Maryland Heights, MO 63043

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, $K_{zt} = 1.00$

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

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

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

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, 1.5, 2tr	
#1	
Douglas Fir-Larch	
#1	
#2	
Southern Pine	
#1	
#2	

1x4 Braces shall be SPS (Stress-Rated Boards).
 Hem-Fir 1x4 So. Pine use only Industrial 55 or
 Industrial 45 Stress-Rated Boards. Group 3
 values may be used with these grades.

Wind Load deflection criterion is L/240.

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

table 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 nalls at 2' o.c.

In 18" end zones and 4' o.c. between zones.

In 18" end zones and 6" o.c. between zones.

1. bracing must be a minimum of 80% of web

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

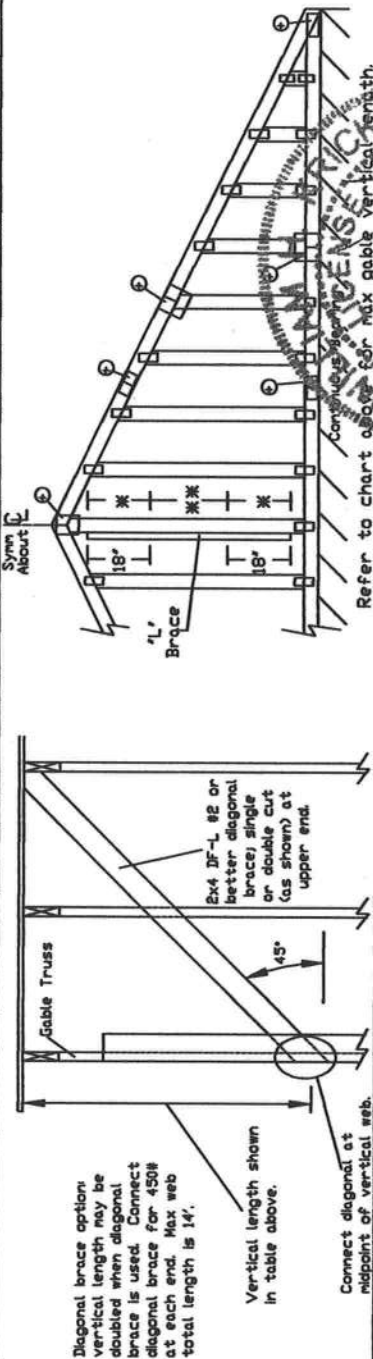
Refer to common truss design for peak, splice, and heel plates.

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

REF	ASCE7-10-GABI4015
DATE	10/01/14
DRWG	A14015ENC101014

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"



Refer to chart above for max cable vertical length.

REVIEWERS READ AND FOLLOW ALL NOTES ON THIS DRAWING

require extensive care in fabrication, handling, shipment, installation and inspection. Defective components furnish this drawing to all contractors including the installers.

latest edition of ICSI (Building Component Safety Information, by TPI and SBCA) for

noted to perform these functions. Applicant's claim provides temporary bracing for the other chord, top chord shall have properly attached structural sheathing and bracing, otherwise, top chord shall have properly attached structural sheathing and bracing. Applicant's claim provides temporary bracing for the other chord, top chord shall have properly attached structural sheathing and bracing, otherwise, top chord shall have properly attached structural sheathing and bracing.

Use property attached right away. Locations shown for permanent lateral restraining bracing installed per BCS sections B3, B7 or B10, as applicable. Apply plates to edge of beam and one side of column. See detail on page 22.

and position as shown above and on the joint details, unless noted otherwise, drawings 160A-2 for standard plate positions.

division of ITW Building Components Group Inc. shall not be responsible for any device or component used in connection with the truss, or for handling, storage, or use of the truss, or for any failure to build the truss in conformance with ANSI/TPI 1.

5. bracing of trusses.
in this drawing or cover page listing this drawing. Indicates acceptance of professional

responsibility solely for the design shown. The suitability and use of this drawing structure is the responsibility of the Building Designer per ANSI/TPI 1-90c2.

For more information see this job's general notes page and these web sites:
 PINE, www.pineusa.com; TBI, www.tbistore.com; SBA, www.sba.gov; TRC, www.trc-usa.com.

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CLR Reinforcing

Member Substitution

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

Notes:

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

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

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

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

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

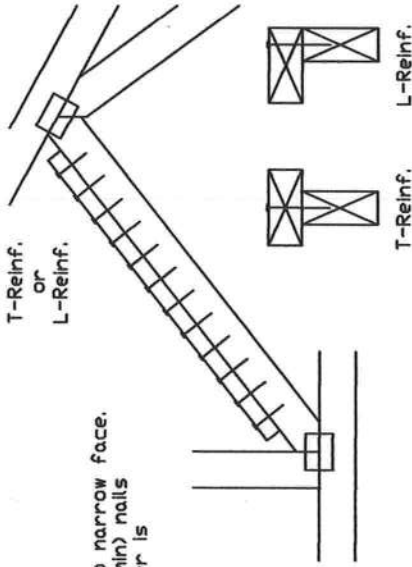
(*) Center scab on wide face of web. Apply (1) scab to each face of web.

T-Reinforcement

or

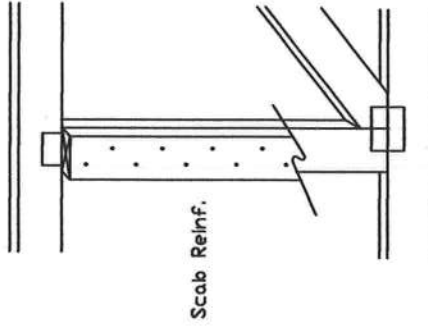
L-Reinforcement:

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.



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING BEFORE INSTALLING THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of the Building Component Safety Information by TPI and SBCO for safety instructions prior to installation. Trusses are designed and manufactured in accordance with the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings, 13th Edition, 2005. Trusses shall have a properly attached rafter ceiling. Locations shown for permanent lateral restraint webs shall have bracing installed per SBCI sections 30, 37 or 310, as applicable. Apply plates to each face of truss web in position as shown above and on the Joint Details, unless noted otherwise. Refer to drawing 1504-2 for more details.

Notes: 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 or use of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility by the Engineer. The Engineer's seal is required for the drawing to be used for any structure in the jurisdiction of the State of Florida.

For more information see this job's general notes page and this web site: ALPINE: www.alpineinc.com TPI: www.tpi.org SBCI: www.sbcindustry.org EDO: www.edo.com



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Suite 200
Maryland Heights, MO 63043

REF	CLR Subst.
DATE	01/02/19
PSF	PSF
PSF	PSF
PSF	PSF
PSF	PSF
TOT. LD.	
DUR. FAC.	
SPACING	

Valley Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

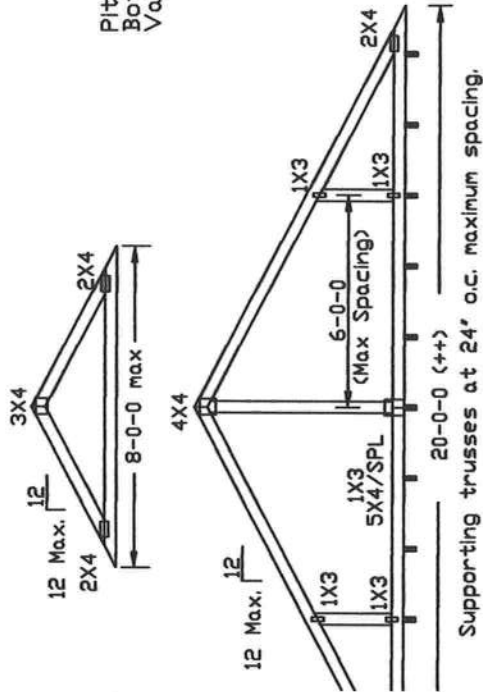
Top Chord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better.
Bot Chord 2x4 SP #2N or SPF #1/#2 or better.
Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better.

*** Attach each valley to every supporting truss with:
(2) 16d box (0.135" x 3.5") nails toe-nailed for ASCE 7-10 160 mph, 30' Mean Height, Enclosed Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00
Or
ASCE 7-10 140 mph, 30' Mean Height, Enclosed Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

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

All plates shown are ITW BCG Wave Plates.



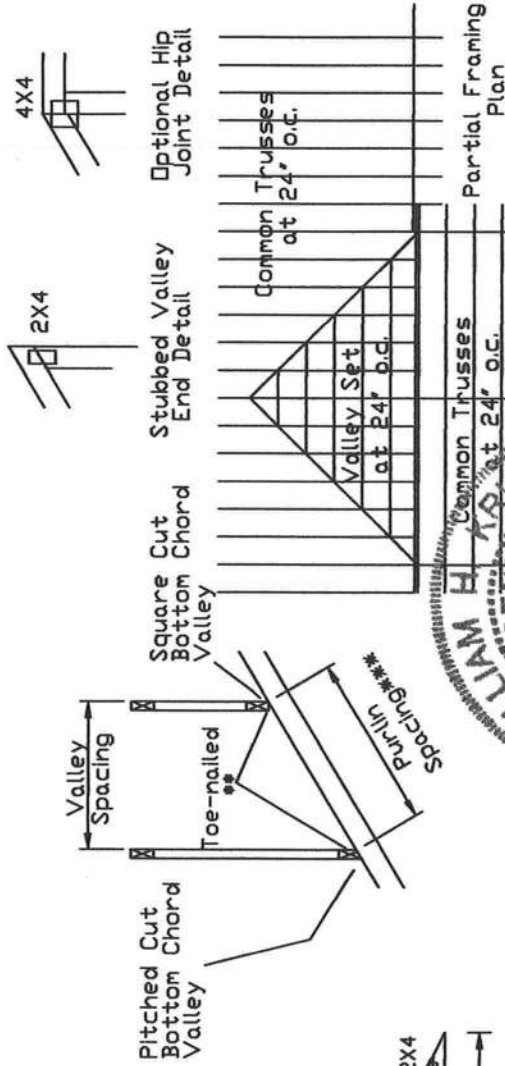
Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7'-9" apply 2x4 'T' reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.128" x 3.0") nails at 6" o.c. In lieu of 'T' reinforcement, 2x4 Continuous Lateral Restraint applied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

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

Or
Purlins at 24' o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

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



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IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING TO THE INSTALLER.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and practice the edition of BCG Building Component Safety Information by TPI and BCG for safety practices prior to installation. Trusses are designed and manufactured in accordance with the American Institute of Steel Construction, Inc. (AISC) 360-10 Specification for Structural Steel Buildings. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing and restraint of webs shall have bracing installed per BCG sections 32, 37 or B10, as applicable. Apply plates to each side of the web and post 16d box (0.135" x 3.5") nails toe-nailed for ASCE 7-10 160 mph, 30' Mean Height, Enclosed Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00. Refer to BCG sections 32, 37 or B10, as applicable.

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 AISC/TPI 1, or for handling, shipping, installation or bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineer. The seal of the professional engineer is the responsibility of the Building Inspector. See this drawing for any structure is the responsibility of the Building Inspector. See this drawing for any structure is the responsibility of the Building Inspector.

For more information see this job's general notes page and this web site: ALPINE.alpineinc.com, TPI: www.tpiinc.com, BCG: www.bcginc.com, ITW: www.itw.com

NO. 70881
STATE OF FLORIDA
PROFESSIONAL ENGINEER
WILLIAM H. ARICK
LICENSE

VALLEY DETAIL	
REF	VALLEY DETAIL
DATE	10/01/2014
DRWG	VAL160101014
30 40PSF	7PSF
20 15	10 10PSF
10 10	0 0PSF
0 0	55 57PSF
OT. LD. 60	115
DUR.FAC. 1.25/1.33	115
SPACING	24.0'