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[Signature]
COA #0 278
04/09/2021



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: 21-5392
Job Description: 64 Oaks	
Address: LAKE CITY	

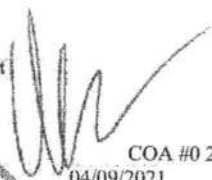
Job Engineering Criteria:			
Design Code: FBC 7th Ed. 2020 Res		IntelliVIEW Version: 20.01.01A	
		JRef #: 1X4e2150005	
Wind Standard: ASCE 7-16	Wind Speed (mph): 130	Design Loading (psf): 40.00	
Building Type: Closed			

This package contains general notes pages, 54 truss drawing(s) and 5 detail(s).

Item	Drawing Number	Truss
1	099.21.0930.22193	A01
3	099.21.0930.00520	A03
5	099.21.0929.54530	A05
7	099.21.0929.48110	A07
9	099.21.0929.34010	A09
11	099.21.0929.29803	A11
13	099.21.0929.23933	A13
15	099.21.0929.18377	A15
17	099.21.0929.11833	A17
19	099.21.0929.07873	A19
21	099.21.0929.03713	A21
23	099.21.0928.57820	A23
25	099.21.0928.50177	A25
27	099.21.0928.32167	B02
29	099.21.0928.07520	B04
31	099.21.0928.03267	C01
33	099.21.0927.18543	C03
35	099.21.0927.13837	D01
37	099.21.0927.09163	D03
39	099.21.0920.19557	HJ02
41	099.21.0920.00703	HJ04
43	099.21.0919.33140	J02
45	099.21.0919.28790	J04
47	099.21.0919.17873	J06
49	099.21.0919.14067	J08
51	099.21.0919.08573	PB02

Item	Drawing Number	Truss
2	099.21.0930.03203	A02
4	099.21.0929.56903	A04
6	099.21.0929.52047	A06
8	099.21.0929.43250	A08
10	099.21.0929.32133	A10
12	099.21.0929.26953	A12
14	099.21.0929.21490	A14
16	099.21.0929.15347	A16
18	099.21.0929.09883	A18
20	099.21.0929.05743	A20
22	099.21.0929.00930	A22
24	099.21.0928.55823	A24
26	099.21.0928.34943	B01
28	099.21.0928.29447	B03
30	099.21.0928.05053	B05
32	099.21.0928.01330	C02
34	099.21.0927.16020	C04
36	099.21.0927.11387	D02
38	099.21.0920.33333	HJ01
40	099.21.0920.12103	HJ03
42	099.21.0919.35403	J01
44	099.21.0919.31263	J03
46	099.21.0919.20347	J05
48	099.21.0919.15810	J07
50	099.21.0919.10600	PB01
52	099.21.0919.06537	PB03

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Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 21-5392
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Item	Drawing Number	Truss
53	099.21.0919.04460	PB04
55	PB160160118	
57	GBLLETIN0118	
59	BRCLBSUB0119	

Item	Drawing Number	Truss
54	099.21.0931.49383	PB05
56	A14030ENC160118	
58	A14015ENC160118	

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 TCDL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

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

g = green lumber.

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

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

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

Ic = Incised lumber.

FJ = Finger Jointed lumber.

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

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

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

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

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

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

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

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

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

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

PP = Panel Point.

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

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

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

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

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

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

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

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

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

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

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

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

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

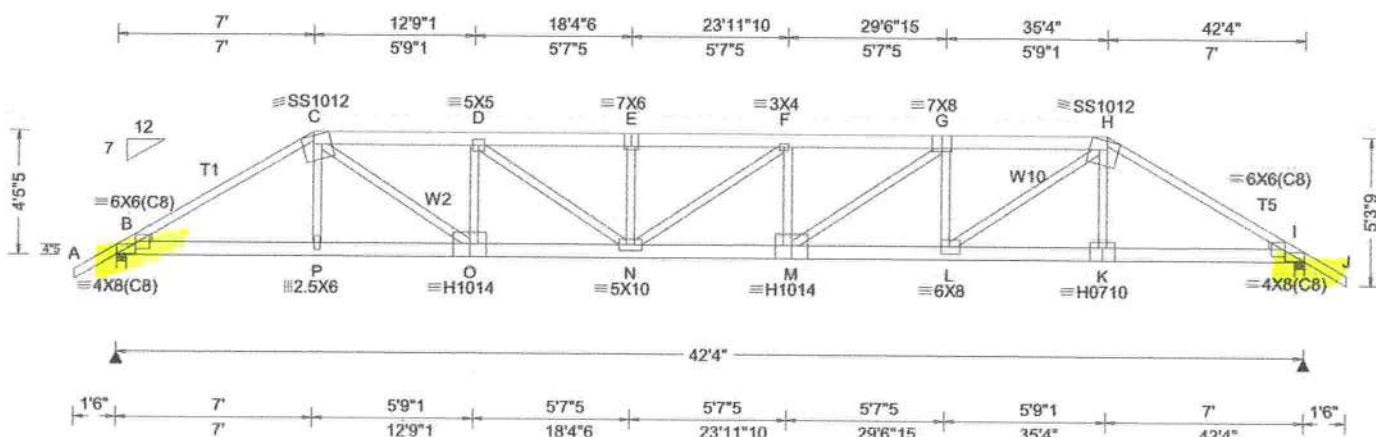
Refer to ASCE-7 for Wind and Seismic abbreviations.

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

References:

1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
2. ICC: International Code Council; www.iccsafe.org.
3. Alpine, a division of ITW Building Components Group Inc.: 514 Earth City Expressway, Suite 242, Earth City, MO 63045; www.alpineitw.com.
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: 367639 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A01	Cust: R 215 JRef: 1X4e2150005 T35 DwnNo: 099.21.0930.22193 KD / WHK 04/09/2021
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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 7-16 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&G Dist a: 4.23 ft Loc. from endwall: not in 6.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE, 18SS, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.553 E 912 240 VERT(CL): 1.113 E 453 180 HORZ(LL): 0.126 K - - HORZ(TL): 0.254 K - - Creep Factor: 2.0 Max TC CSI: 0.879 Max BC CSI: 0.810 Max Web CSI: 0.956 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 4248 -/- /- /- /1039 -/ I 4248 -/- /- /- /1039 -/ Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 3.5 I Brg Width = 4.0 Min Req = 3.5 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 1914 -7714 F - G 2956 -11907 C - D 2497-10061 G - H 2494 -10058 D - E 2965-11946 H - I 1915 -7714 E - F 2965-11946

Lumber
Top chord: 2x6 SP 2400F-2.0E; T1,T5 2x4 SP M-31;
Bot chord: 2x6 SP 2400F-2.0E;
Webs: 2x4 SP #3; W2,W10 2x4 SP #2;
Lt Wedge: 2x4 SP #3; Rt Wedge: 2x4 SP #3;

Additional Notes
The overall height of this truss excluding overhang is 4'-5-5/8".

Special Loads

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 7.00
TC: From 32 plf at 7.00 to 32 plf at 35.33
TC: From 63 plf at 35.33 to 63 plf at 43.83
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.03
BC: From 10 plf at 7.03 to 10 plf at 35.30
BC: From 20 plf at 35.30 to 20 plf at 42.33
BC: From 5 plf at 42.33 to 5 plf at 43.83
TC: 269 lb Conc. Load at 7.03,35.30
TC: 190 lb Conc. Load at 9.06,11.06,13.06,15.06
17.06,19.06,21.06,21.27,23.27,25.27,27.27,29.27
31.27,33.27
BC: 470 lb Conc. Load at 7.03,35.30
BC: 130 lb Conc. Load at 9.06,11.06,13.06,15.06
17.06,19.06,21.06,21.27,23.27,25.27,27.27,29.27
31.27,33.27

Purlins

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

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

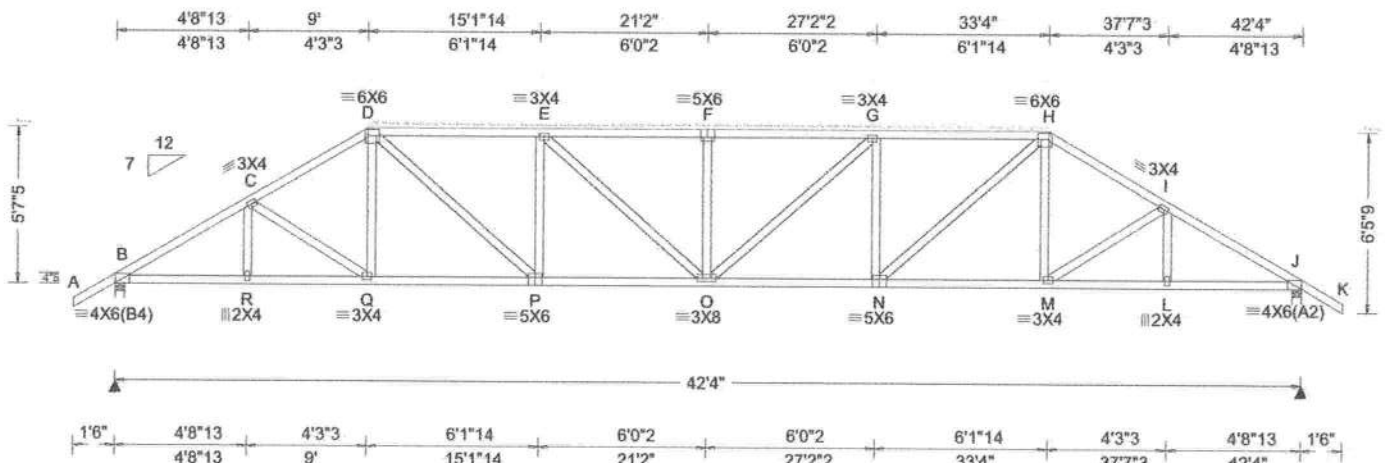


COA #0278
04/09/2021

****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. Refer to job's General Notes page for additional information.
Alpine, a division of IFW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in accordance 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 for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
For more information see these web sites: Alpine: alpineitw.com; TPI: tpiinst.org; SBCA: sbcindustry.com; ICC: iccsafe.org; AWC: awc.org

ALPINE
ALPINE COMPONENTS
6750 Forum Drive
Suite 305
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SEQN: 367585 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A02	Cust: R 215 JRef: 1X4e2150005 T21 DrwNo: 099.21.0930.03203 KD / WHK 04/09/2021
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.23 ft Loc. from endwall: not in 6.50 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.270 F 999 240 VERT(CL): 0.554 F 911 180 HORZ(LL): 0.088 L - - HORZ(TL): 0.181 L - - Creep Factor: 2.0 Max TC CSI: 0.790 Max BC CSI: 0.808 Max Web CSI: 0.516 VIEW Ver: 20.01.01A.0724.11	▲ Maximum Reactions (lbs) <table><thead><tr><th rowspan="2">Loc</th><th colspan="3">Gravity</th><th colspan="3">Non-Gravity</th></tr><tr><th>R+</th><th>/R-</th><th>/Rh</th><th>/Rw</th><th>/U</th><th>/RL</th></tr></thead><tbody><tr><td>B</td><td>1862</td><td>/-</td><td>/-</td><td>/1075</td><td>/335</td><td>/190</td></tr><tr><td>J</td><td>1862</td><td>/-</td><td>/-</td><td>/1075</td><td>/335</td><td>/-</td></tr></tbody></table> Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 2.2 J Brg Width = 4.0 Min Req = 2.2 Bearings B & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) <table><thead><tr><th>Chords</th><th>Tens.Comp.</th><th>Chords</th><th>Tens. Comp.</th></tr></thead><tbody><tr><td>B - C</td><td>910 -2990</td><td>F - G</td><td>1203 -3476</td></tr><tr><td>C - D</td><td>944 -2746</td><td>G - H</td><td>1159 -3179</td></tr><tr><td>D - E</td><td>1159 -3179</td><td>H - I</td><td>944 -2746</td></tr><tr><td>E - F</td><td>1203 -3476</td><td>I - J</td><td>911 -2990</td></tr></tbody></table> Maximum Bot Chord Forces Per Ply (lbs) <table><thead><tr><th>Chords</th><th>Tens.Comp.</th><th>Chords</th><th>Tens. Comp.</th></tr></thead><tbody><tr><td>B - R</td><td>2505 -682</td><td>O - N</td><td>3213 -933</td></tr><tr><td>R - Q</td><td>2504 -683</td><td>N - M</td><td>2324 -613</td></tr><tr><td>Q - P</td><td>2324 -634</td><td>M - L</td><td>2504 -663</td></tr><tr><td>P - O</td><td>3213 -954</td><td>L - J</td><td>2505 -661</td></tr></tbody></table> Maximum Web Forces Per Ply (lbs) <table><thead><tr><th>Webs</th><th>Tens.Comp.</th><th>Webs</th><th>Tens. Comp.</th></tr></thead><tbody><tr><td>D - P</td><td>1140 -429</td><td>G - N</td><td>348 -636</td></tr><tr><td>P - E</td><td>348 -636</td><td>N - H</td><td>1140 -429</td></tr></tbody></table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	1862	/-	/-	/1075	/335	/190	J	1862	/-	/-	/1075	/335	/-	Chords	Tens.Comp.	Chords	Tens. Comp.	B - C	910 -2990	F - G	1203 -3476	C - D	944 -2746	G - H	1159 -3179	D - E	1159 -3179	H - I	944 -2746	E - F	1203 -3476	I - J	911 -2990	Chords	Tens.Comp.	Chords	Tens. Comp.	B - R	2505 -682	O - N	3213 -933	R - Q	2504 -683	N - M	2324 -613	Q - P	2324 -634	M - L	2504 -663	P - O	3213 -954	L - J	2505 -661	Webs	Tens.Comp.	Webs	Tens. Comp.	D - P	1140 -429	G - N	348 -636	P - E	348 -636	N - H	1140 -429
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Wind Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types.																																																																																			
Additional Notes The overall height of this truss excluding overhang is 5-7.5.																																																																																			

Lumber

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

Purlins

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

Wind

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

Additional Notes

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



COA #0238

04/09/2021

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

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

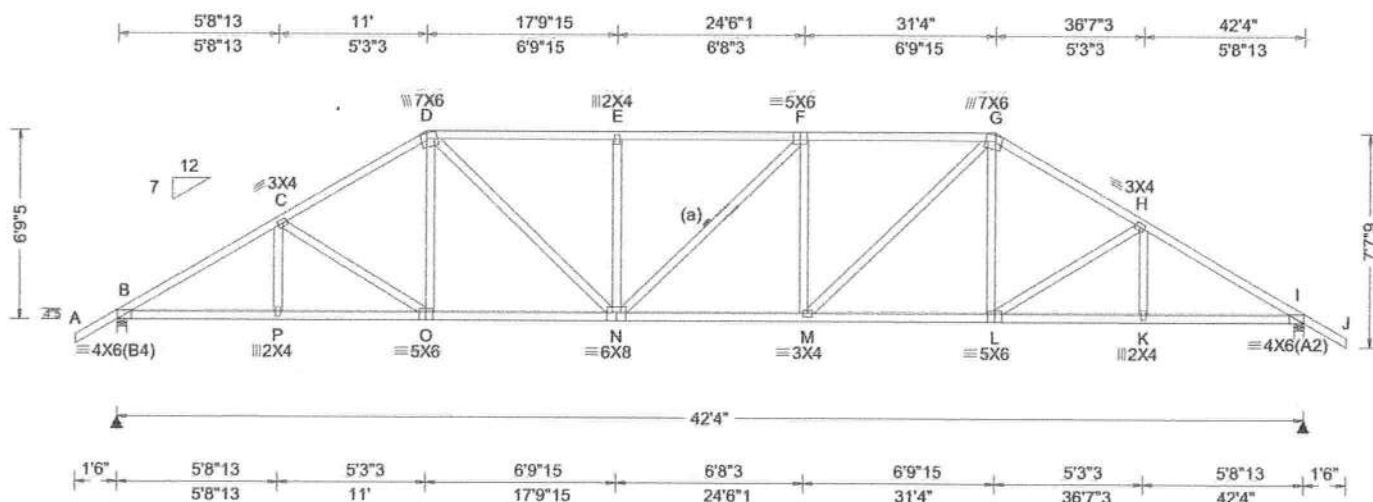
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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SEQN: 367620 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A03	Cust: R 215 JRef: 1X4e2150005 T22 DrwNo: 099.21.0930.00520 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.23 ft Loc. from endwall: not in 6.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.207 E 999 240 VERT(CL): 0.425 E 999 180 HORZ(LL): 0.081 K - - HORZ(TL): 0.167 K - - Creep Factor: 2.0 Max TC CSI: 0.855 Max BC CSI: 0.830 Max Web CSI: 0.534 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1862 - / - / - /1092 /332 /222 I 1862 - / - / - /1092 /332 - Wind reactions based on MWFRS: B Brg Width = 4.0 Min Req = 2.2 I Brg Width = 4.0 Min Req = 2.2 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 874 -2984 F - G 1022 -2780 C - D 892 -2623 G - H 893 -2623 D - E 1031 -2795 H - I 874 -2984 E - F 1031 -2795

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

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



COA #0278
04/09/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - P	2494 -640	M - L	2200 -633
P - O	2492 -641	L - K	2492 -621
O - N	2199 -552	K - I	2493 -619
N - M	2798 -747		

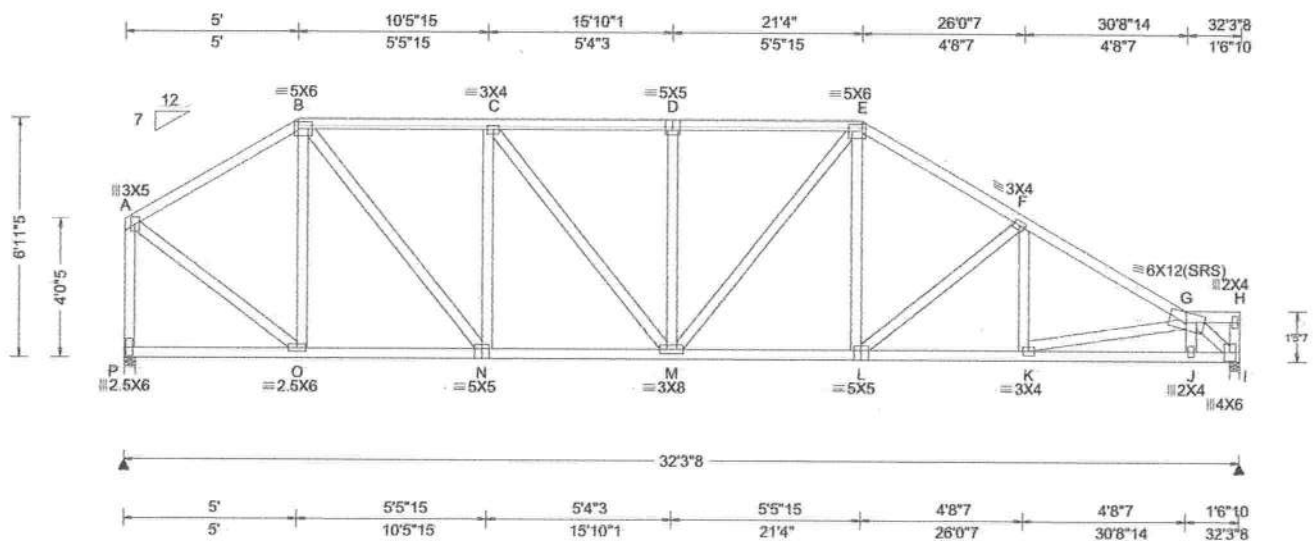
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - O	403 -15	F - M	290 -426
D - N	820 -328	M - G	807 -316
E - N	324 -425	G - L	398 -15

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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SEQN: 367602 FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A04	Cust: R 215 JRef: 1X4e2150005 T34 DnwNo: 099.21.0929.56903 KD / WHK 04/09/2021
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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 7-16 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: 3.23 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.081 D 999 240 VERT(CL): 0.168 D 999 180 HORZ(LL): 0.032 I - - HORZ(TL): 0.066 I - - Creep Factor: 2.0 Max TC CSI: 0.451 Max BC CSI: 0.498 Max Web CSI: 0.589 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL P 1343 - / - / 701 /243 /141 I 1343 - / - / 763 /227 - Wind reactions based on MWFRS: P Brg Width = 4.0 Min Req = 1.6 I Brg Width = 3.5 Min Req = 1.6 Bearings P & 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.

Lumber

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

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is
6-11.5.



COA #0-228
04/09/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	885 -300	L - K	1778 -606
N - M	1467 -565	K - J	1736 -601
M - L	1488 -509	J - I	1740 -594

Maximum Web Forces Per Ply (lbs)

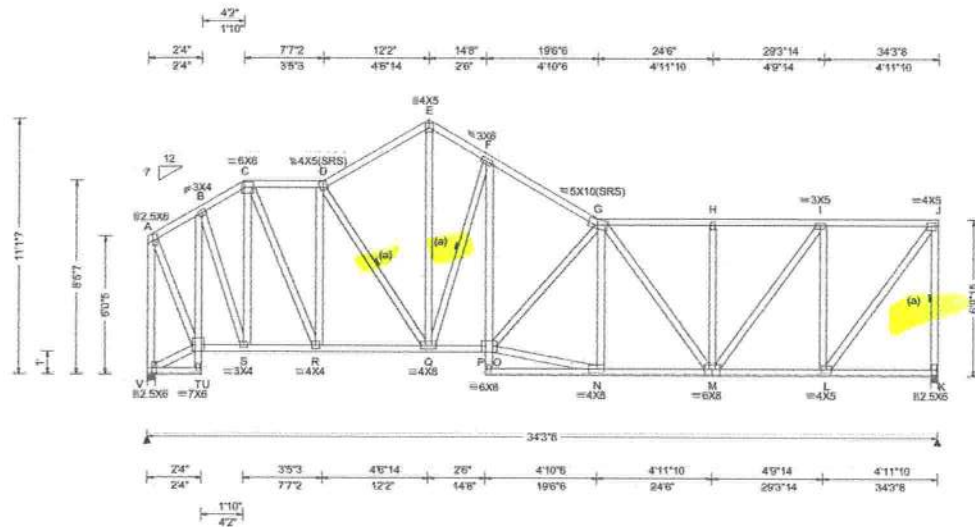
Webs	Tens.Comp.	Webs	Tens. Comp.
A - P	553 -1301	N - C	389 -586
A - O	1093 -451	E - L	387 -35
B - O	326 -537	L - F	133 -381
B - N	886 -432	G - I	737 -2157

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SEQN: 367597 FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A10	Cust: R 215 JRef: 1X4e2150005 T32 DwnNo: 099.21.0929.32133 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.67 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&G Dist a: 3.43 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.111 O 999 240 VERT(CL): 0.231 O 999 180 HORZ(LL): 0.049 C - - HORZ(TL): 0.102 C - - Creep Factor: 2.0 Max TC CSI: 0.449 Max BC CSI: 0.519 Max Web CSI: 0.952 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL V 1426 -/- /743 /58 /136 K 1426 -/- /723 /214 -/- Wind reactions based on MWFRS V Brg Width = 4.0 Min Req = 1.7 K Brg Width = 3.5 Min Req = 1.7 Bearings V & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;				A - B 228 -616 F - G 664 -1792 B - C 361 -883 G - H 647 -1548 C - D 465 -1153 H - I 647 -1547 D - E 564 -1405 I - J 406 -927 E - F 583 -1373

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.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 11-1-7.



Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
T - S 523	-253	Q - O 1478	-505
S - R 735	-306	N - M 1860	-707
R - Q 1188	-439	M - L 978	-433

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
A - V 486	-1397	F - O 1004	-398
A - T 1159	-396	O - G 305	-574
T - B 334	-965	O - N 1875	-716
B - S 718	-218	G - M 99	-515
C - S 247	-678	M - I 979	-367
C - R 1039	-335	I - L 606	-1146
R - D 356	-876	L - J 1560	-684
Q - F 471	-1080	J - K 665	-1387
E - Q 1102	-467		

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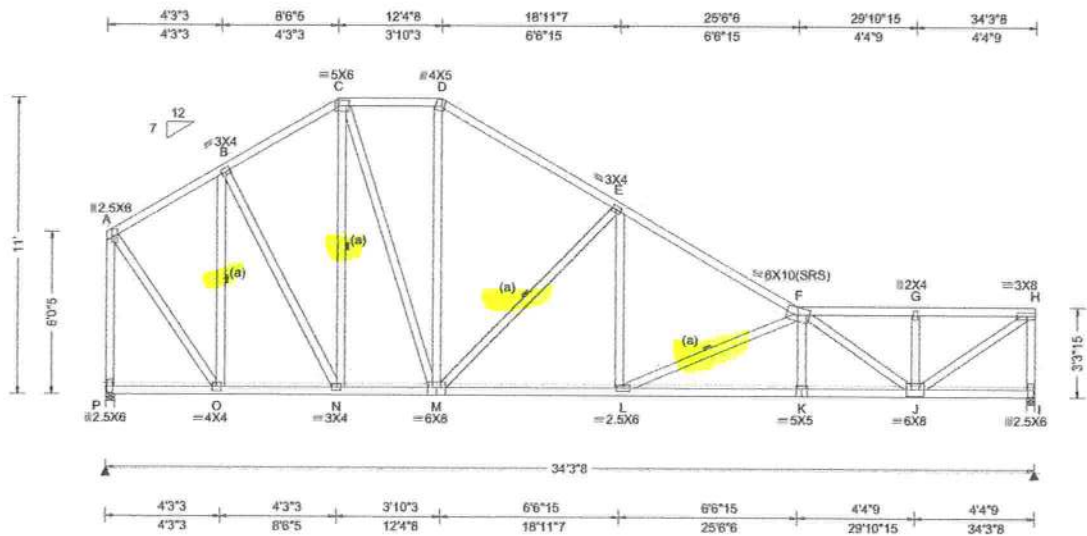
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SEQN: 367647 FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A13	Cust: R 215 JRef: 1X4e2150005 T10 Dwno: 099.21.0929.23933 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind Criteria	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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.74 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.43 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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 F 999 240 VERT(CL): 0.307 F 999 180 HORZ(LL): 0.063 C - - HORZ(TL): 0.131 C - - Creep Factor: 2.0 Max TC CSI: 0.707 Max BC CSI: 0.932 Max Web CSI: 0.934 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL P 1424 /- /- /758 /- /204 I 1425 /- /- /772 /68 /- Wind reactions based on MWFRS P Brg Width = 4.0 Min Req = 1.7 I Brg Width = 3.5 Min Req = 1.7 Bearings P & 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. A - B 176 -809 E - F 463 -2208 B - C 303 -1072 F - G 542 -1834 C - D 340 -1063 G - H 542 -1834 D - E 336 -1341

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 11-0-0.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	673 -26	L - K	3114 -767
N - M	860 -5	K - J	3119 -764
M - L	1803 -312		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - P	266 -1392	E - L	756 -141
A - O	1114 -177	L - F	498 -1422
O - B	194 -807	F - J	270 -1562
B - N	412 -22	J - H	2220 -654
C - M	621 -152	H - I	474 -1384
M - E	379 -1072		

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

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

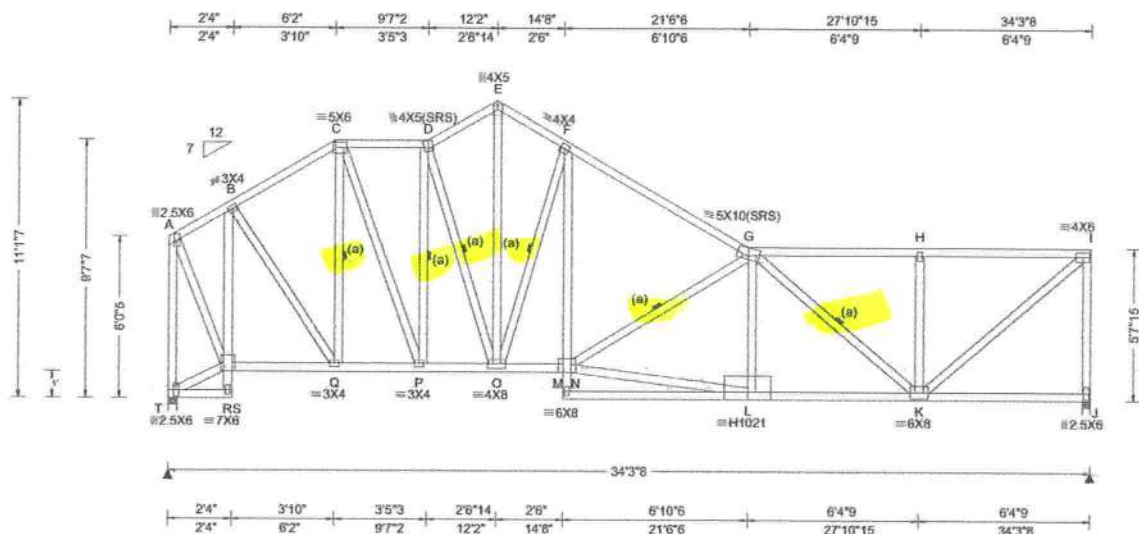
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SEQN: 367566 FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A11	Cust: R 215 JRef: 1X4e2150005 T28 DrwNo: 099.21.0929.29803 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCCL: 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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.49 ft TCCL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.43 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.122 G 999 240 VERT(CL): 0.253 G 999 180 HORZ(LL): 0.059 C - - HORZ(TL): 0.122 C - - Creep Factor: 2.0 Max TC CSI: 0.713 Max BC CSI: 0.747 Max Web CSI: 0.982 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL T 1426 - / - /742 /51 /146 J 1426 - / - /729 /177 - Wind reactions based on MWFRS: T Brg Width = 4.0 Min Req = 1.7 J Brg Width = 3.5 Min Req = 1.7 Bearings T & 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;

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 11-1.7.



COA #0328

04/09/2021

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

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SEQN: 367642 SPEC Ply: 1 Job Number: 21-5392 Cust: R 215 JRef: 1X4e2150005 T41
 FROM: CDM Qty: 1 64 Oaks Truss Label: A07 DrwNo: 099.21.0929.48110
 KD / WHK 04/09/2021

Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg, Pf in PSF)		Defl/CSI Criteria		Maximum Reactions (lbs)	
Loc	R+ / R-	Loc	R+ / R-	Loc	R+ / R-	Loc	R+ / R-	Loc	R+ / R-
TCLL	20.00	Wind Std: ASCE 7-16		Pg: NA	Ct: NA	PP Deflection in	loc L/defl L/#	Gravity	Non-Gravity
TCCL	10.00	Speed: 130 mph		Pf: NA	Ce: NA	VERT(LL):	0.075 N 999 240	Loc	R+ / R-
BCCL	0.00	Enclosure: Closed		Lu: NA	Cs: NA	VERT(CL):	0.156 N 999 180	W 1343	- / -
BCDL	10.00	Risk Category: II		Snow Duration: NA		HORZ(LL):	0.085 L - -	K 1343	- / -
Des Ld:	40.00	EXP: C Kzt: NA		Building Code:		HORZ(TL):	0.178 L - -	W Brg Width = 4.0	Min Req = 1.6
NCBCLL:	10.00	Mean Height: 17.79 ft		FBC 7th Ed. 2020 Res.		Creep Factor: 2.0		K Brg Width = 3.5	Min Req = 1.6
Soffit:	2.00	TCDL: 5.0 psf		TPI Std: 2014		Max TC CSI: 0.404		Bearings W & K are a rigid surface.	
Load Duration:	1.25	BCDL: 5.0 psf		Rep Fac: Yes		Max BC CSI: 0.499		Members not listed have forces less than 375#	
Spacing:	24.0 "	MWFRS Parallel Dist: h to 2h		FT/RT: 20(0)/10(0)		Max Web CSI: 0.735		Maximum Top Chord Forces Per Ply (lbs)	
		C&C Dist a: 3.23 ft		Plate Type(s):				Chords	Tens. Comp.
		Loc. from endwall: not in 9.00 ft		WAVE				Chords	Tens. Comp.
		GCpi: 0.18							
		Wind Duration: 1.60							

Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3; W3 2x4 SP M-31;

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.
 End verticals not exposed to wind pressure.
 Wind loading based on both gable and hip roof types.

Additional Notes
 The overall height of this truss excluding overhang is 10'-5-5".
 Note: Laterally brace bottom chord above filler at 20" O.C. Max. including a lateral brace at chord ends.

Professional Engineer Seal:
 WILLIAM H. KRICK
 LICENSE
 No. 70861
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 COA #0228
 04/09/2021

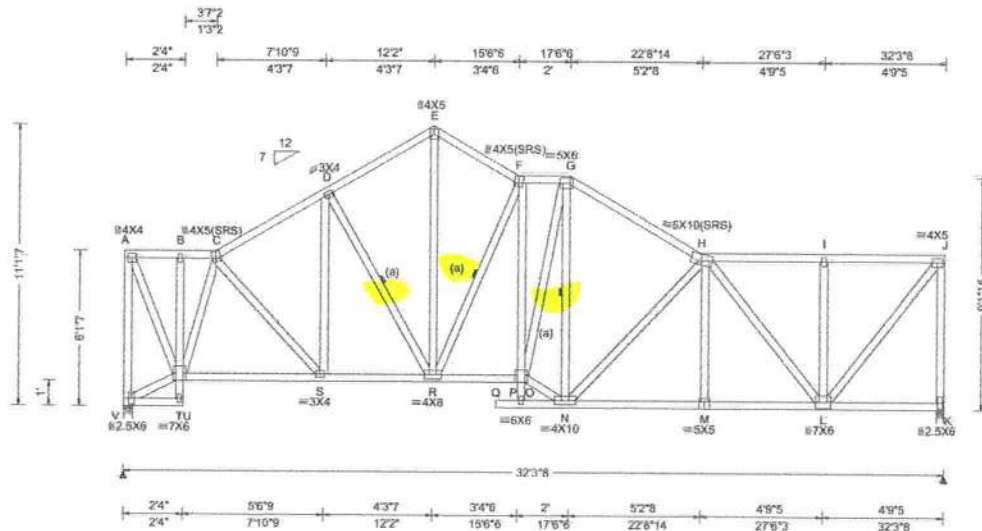
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcindustrv.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 367644 FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A08	Cust: R 215 JRef: 1X4e2150005 T42 DrwNo: 099.21.0929.43250 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.72 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.23 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.091 Q 999 240 VERT(CL): 0.190 Q 999 180 HORZ(LL): 0.046 L - - HORZ(TL): 0.096 L - - Creep Factor: 2.0 Max TC CSI: 0.384 Max BC CSI: 0.491 Max Web CSI: 0.998 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL V 1343 -/- /- /695 /75 /134 K 1343 -/- /- /684 /166 -/- Wind reactions based on MWFRS V Brg Width = 4.0 Min Req = 1.6 K Brg Width = 3.5 Min Req = 1.6 Bearings V & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 188 -586 F - G 543 -1411 B - C 190 -592 G - H 522 -1502 C - D 420 -1346 H - I 389 -969 D - E 493 -1284 I - J 388 -968 E - F 492 -1253

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.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 11-1-7.
Note: Laterally brace bottom chord above filler at 20" O.C.Max. including a lateral brace at chord ends.



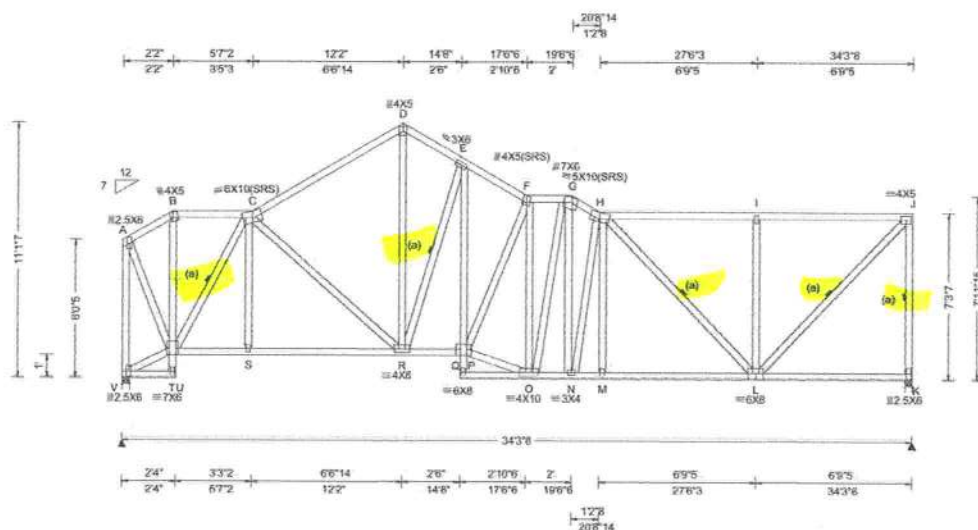
Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
T - S	916 -292	N - M	1574 -559
S - R	1114 -313	M - L	1576 -558
R - O	1413 -429		

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
A - V	457 -1311	O - G	801 -218
A - T	1381 -443	N - H	266 -514
T - C	346 -1115	H - L	267 -958
E - R	958 -376	L - J	1528 -613
R - F	396 -918	J - K	585 -1303
O - N	1456 -449		

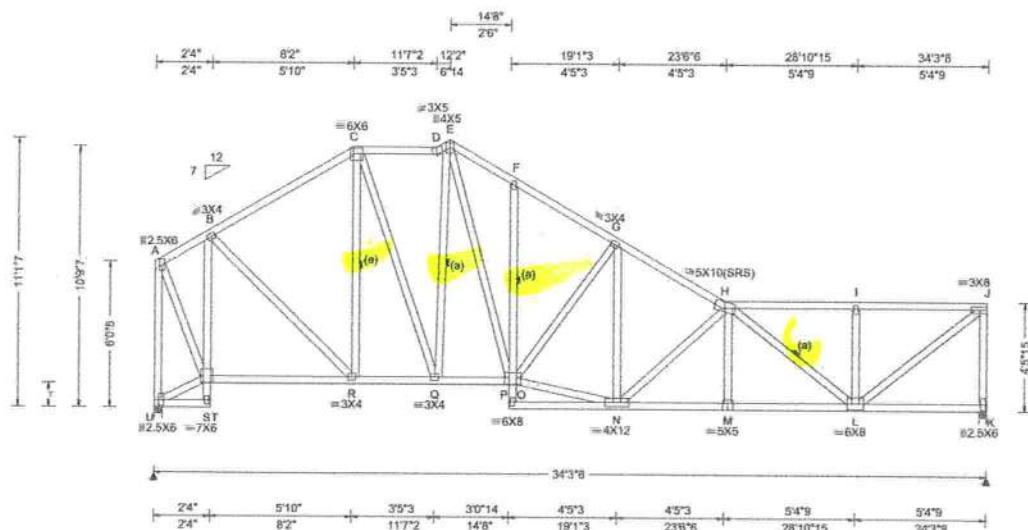
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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ALPINE
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6750 Forum Drive
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SEON: 367615 FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A09	Cust: R 215 JRef: 1X4e2150005 T27 DrwNo: 099.21.0929.34010 KD / WHK 04/09/2021
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SEQN: 367612 FROM: CDM	SPEC Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: A12	Cust: R 215 JRef: 1X4e2150005 T33 DrwNo: 099.21.0929.26953 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.90 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.43 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.131 N 999 240 VERT(CL): 0.272 N 999 180 HORZ(LL): 0.068 C - - HORZ(TL): 0.141 C - - Creep Factor: 2.0 Max TC CSI: 0.552 Max BC CSI: 0.697 Max Web CSI: 0.940 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL U 1426 /- /- /746 /47 /177 K 1426 /- /- /749 /132 /- Wind reactions based on MWFRS U Brg Width = 4.0 Min Req = 1.7 K Brg Width = 3.5 Min Req = 1.7 Bearings U & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

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

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

Plating Notes
All plates are 2X4 except as noted.

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.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 11-1.7.



04/09/2021

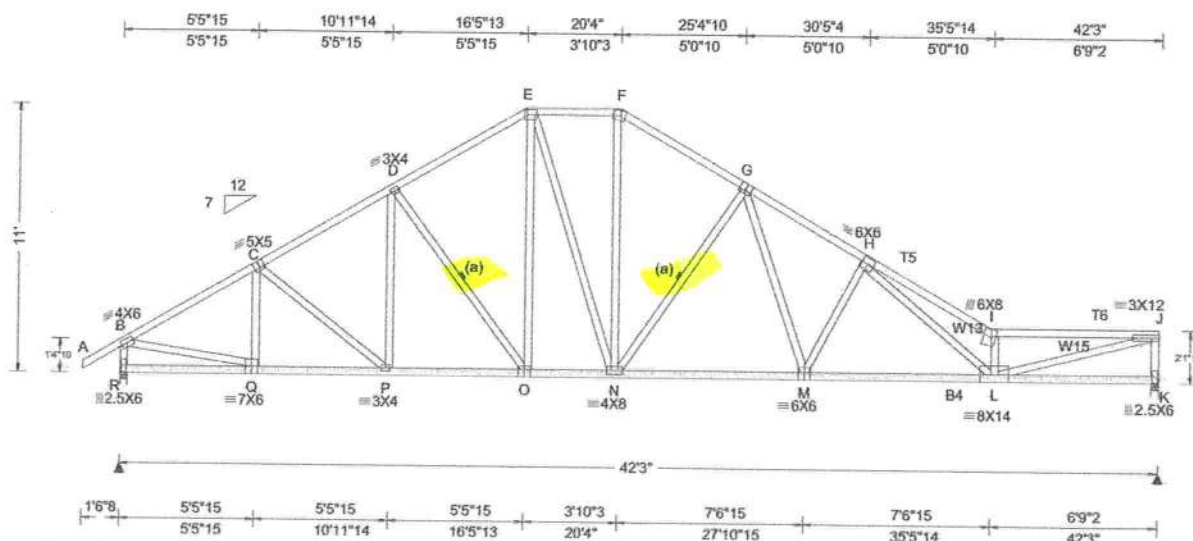
Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
S - R 540 -113 N - M 2533 -833
R - Q 960 -199 M - L 2536 -831
Q - O 1166 -258

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.
A - U 383 -1400 O - G 252 -540
A - S 1202 -330 O - N 1837 -532
S - B 367 -997 N - H 428 -1003
B - R 603 -149 H - L 292 -1189
C - Q 517 -157 I - L 354 -394
Q - E 186 -479 L - J 2027 -762
E - O 1193 -428 J - K 586 -1382

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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ALPINE
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SEQN: 367651 FROM: CDM	SPEC Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A14	Cust: R 215 JRef: 1X4e2150005 T23 DrwNo: 099.21.0929.21490 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.40 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&G Dist a: 4.22 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.346 I 999 240 VERT(CL): 0.715 I 709 180 HORZ(LL): 0.107 E - - HORZ(TL): 0.221 E - - Creep Factor: 2.0 Max TC CSI: 0.874 Max BC CSI: 0.942 Max Web CSI: 0.754 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL R 1862 - / - / - / 1095 - / 285 K 1754 - / - / - / 969 / 13 - Wind reactions based on MWFRS R Brg Width = 3.5 Min Req = 2.2 K Brg Width = 3.5 Min Req = 1.5 Bearings R & 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; T5, T6 2x4 SP M-31;
Bot chord: 2x4 SP #2; B4 2x4 SP M-31;
Webs: 2x4 SP #3; W13 2x4 SP #2; W15 2x4 SP M-31;

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

Plating Notes
All plates are 5X6 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&G member design.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 11'-0".



COA #0278
04/09/2021

Chords	Tens.Comp.	Chords	Tens. Comp.
Q - P	1991 -287	N - M	2317 -282
P - O	1924 -200	M - L	3147 -511
O - N	1656 -78		

Maximum Web Forces Per Ply (lbs)				
Webs	Tens.Comp.		Webs	Tens. Comp.
B - R	361	-1812	G - M	1129 -230
B - Q	1980	-216	M - H	334 -1016
D - O	207	-458	H - L	3258 -823
E - O	452	-130	I - L	940 -3587
N - F	736	-182	L - J	5412 -1063
N - G	341	-1041	J - K	444 -1676

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

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

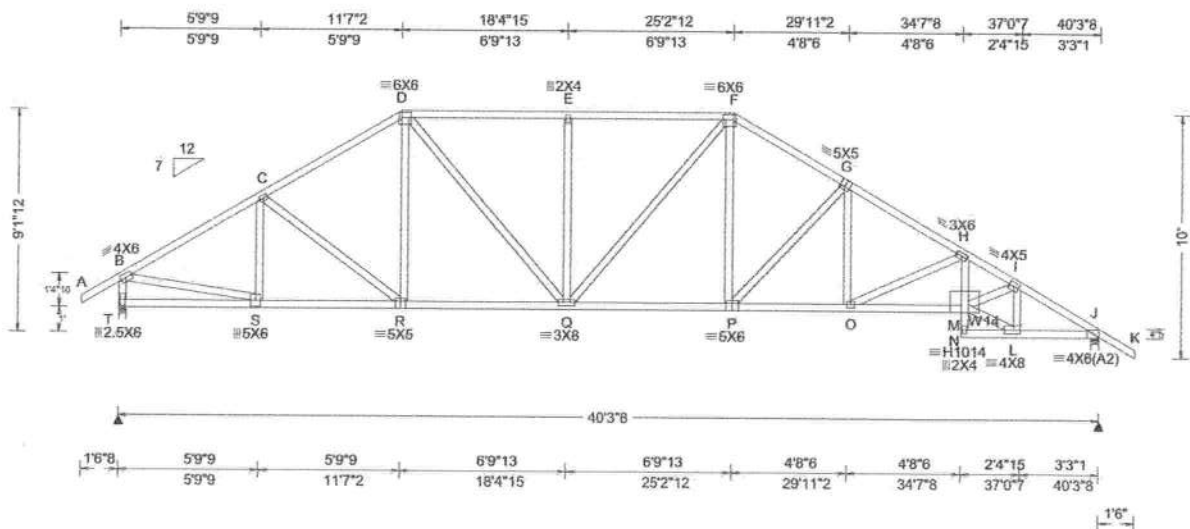
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ALPINE
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SEQN: 367655 FROM: CDM	SPEC Qty: 5	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: A15	Cust: R215 JRef: 1X4e2150005 T54 DrwNo: 099.21.0929.18377 KD / WHK 04/09/2021
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Loading 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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.40 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.03 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.214 P 999 240 VERT(CL): 0.409 P 999 180 HORZ(LL): 0.106 L - - HORZ(TL): 0.203 L - - Creep Factor: 2.0 Max TC CSI: 0.833 Max BC CSI: 0.949 Max Web CSI: 0.791 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL T 1913 - / - / 1046 - / 283 J 1901 - / - / 1100 - / - Wind reactions based on MWFRS T Brg Width = 3.5 Min Req = 2.3 J Brg Width = 4.0 Min Req = 2.2 Bearings T & 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; W14 2x4 SP #2;

Plating Notes
All plates are 3X4 except as noted.

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

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.
Wind loading based on both gable and hip roof types.

Additional Notes
Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 8-1-12.



COA #0278
04/09/2021

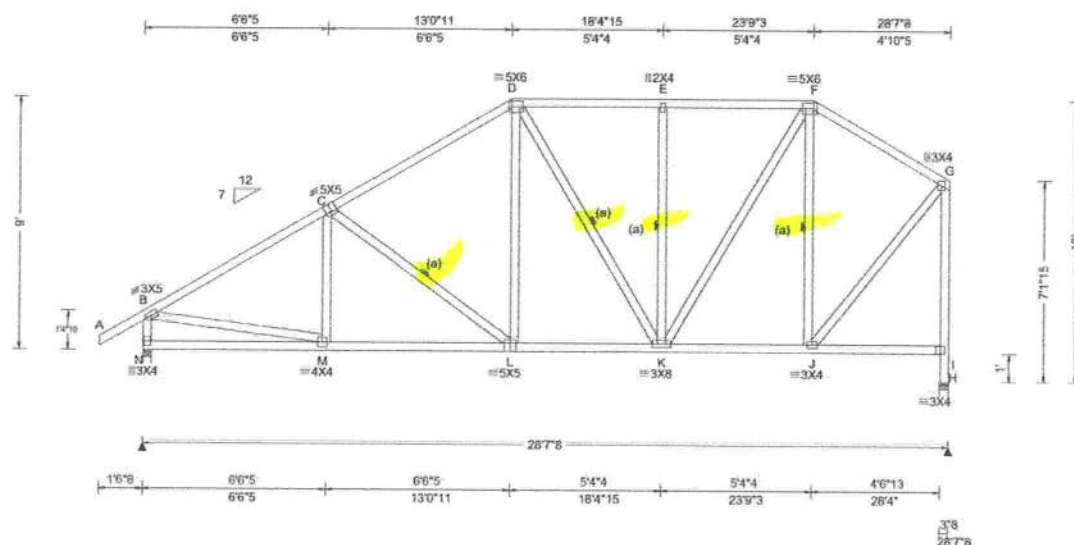
Maximum Bot Chord Forces Per Ply (lbs)	Chords	Tens.Comp.	Chords	Tens. Comp.
S - R	2070	0	P - O	2730 0
R - Q	1987	0	O - M	3971 0
Q - P	2241	0	L - J	2538 -2

Maximum Web Forces Per Ply (lbs)	Webs	Tens.Comp.	Webs	Tens. Comp.
B - T	130	-1859	G - O	536 -13
B - S	2051	0	O - H	136 -1357
D - Q	642	0	H - M	1036 0
E - Q	0	-454	M - L	2786 0
F - P	765	-84	M - I	1596 0
P - G	191	-730	L - I	32 -1479

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ALPINE
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SEQN: 367658 FROM: CDM	SPEC Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: A16	Cust: R 215 JRef: 1X4e2150005 T26 DrwNo: 099.21.0929.15347 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.40 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.046 L 999 240 VERT(CL): 0.095 L 999 180 HORZ(LL): 0.014 J - - HORZ(TL): 0.028 J - - Creep Factor: 2.0 Max TC CSI: 0.638 Max BC CSI: 0.633 Max Web CSI: 0.799 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL N 1291 - / - / /805 - / /217 H 1186 - / - / /624 - / - Wind reactions based on MWFRS: N Brg Width = 3.5 Min Req = 1.5 H Brg Width = 4.0 Min Req = 1.5 Bearings N & 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 71 - 1563 E - F 34 - 902 C - D 63 - 1248 F - G 22 - 706 D - E 34 - 902

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 9'-0".



COA #0278

04/09/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
M - L	1271 - 164	K - J	555 0
L - K	982 0		

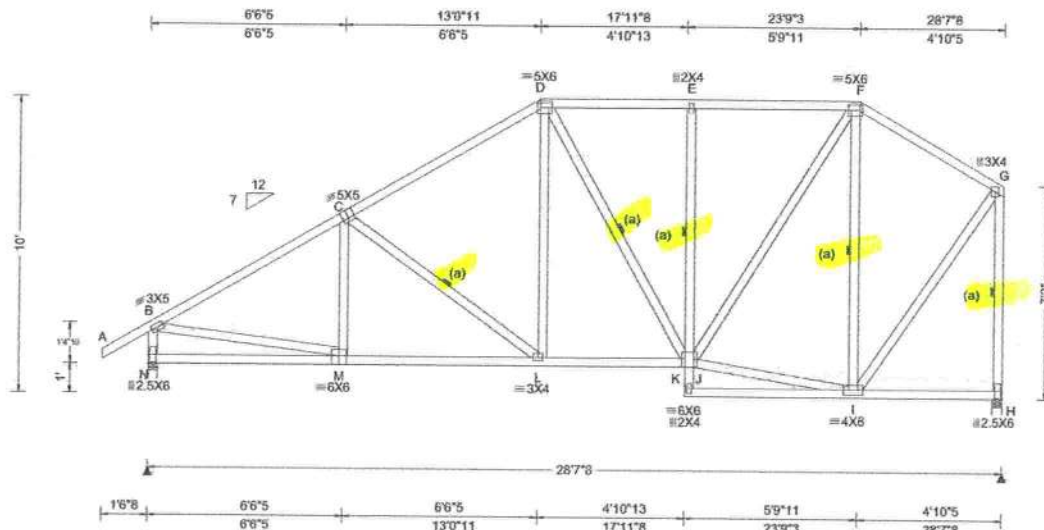
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - N	162 - 1236	F - J	8 - 590
B - M	1238 0	J - G	910 0
D - L	404 - 68	I - H	0 - 1185
K - F	662 0	I - G	9 - 1150

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367661 FROM: CDM	SPEC Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: A17	Cust: R215 JRef: 1X4e2150005 T24 DrwNo: 099.21.0929.11833 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.048 L 999 240 VERT(CL): 0.098 L 999 180 HORZ(LL): 0.018 I - - HORZ(TL): 0.036 I - - Creep Factor: 2.0 Max TC CSI: 0.644 Max BC CSI: 0.610 Max Web CSI: 0.783 VIEW Ver: 20.01.01A.0724.11	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL N 1297 /- /- /798 /84 /213 H 1187 /- /- /613 /105 /- Wind reactions based on MWFRS N Brg Width = 3.5 Min Req = 1.5 H Brg Width = 4.0 Min Req = 1.5 Bearings N & 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 492 -1572 E - F 535 -938 C - D 541 -1260 F - G 320 -672 D - E 535 -939

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 9'-0".



COA #0228

04/09/2021

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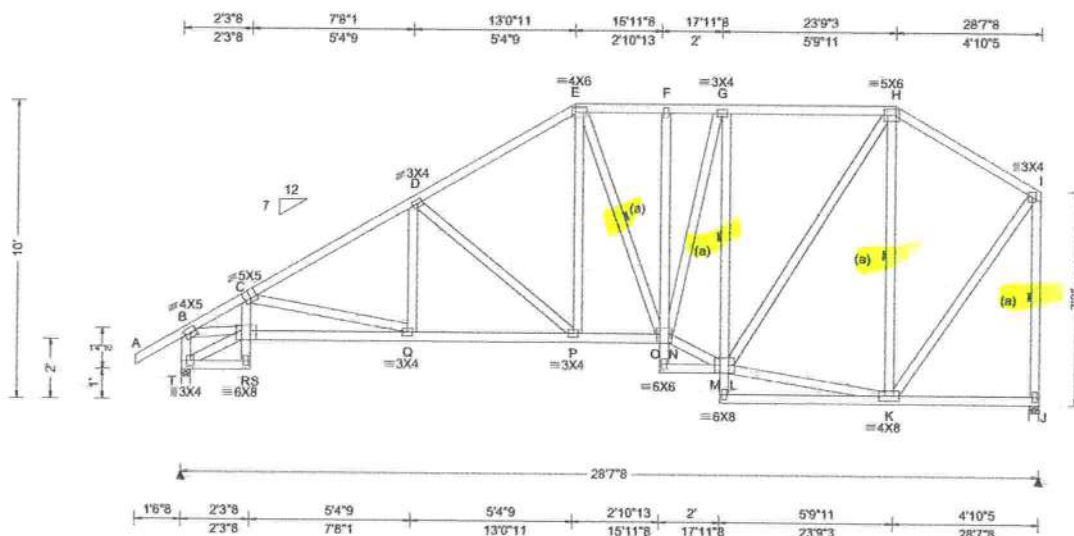
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6750 Forum Drive
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SEQN: 367664 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A18	Cust: R 215 JRef: 1X4e2150005 T9 DrwNo: 099.21.0929.09883 KD / WHK 04/09/2021
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Loading 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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.14 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 Building Code: FBC 7th Ed. 2020 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): 0.075 P 999 240 VERT(CL): 0.154 P 999 180 HORZ(LL): 0.061 K - - HORZ(TL): 0.126 K - - Creep Factor: 2.0 Max TC CSI: 0.486 Max BC CSI: 0.623 Max Web CSI: 0.758 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL T 1297 /- /- /806 /- /216 J 1185 /- /- /623 /- /- Wind reactions based on MWFRS T Brg Width = 3.5 Min Req = 1.5 J Brg Width = 4.0 Min Req = 1.5 Bearings T & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 337 -2340 F - G 51 -1101 C - D 109 -1825 G - H 41 -934 D - E 71 -1378 H - I 26 -671 E - F 51 -1105

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.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 9'-0".



COA #0228

04/09/2021

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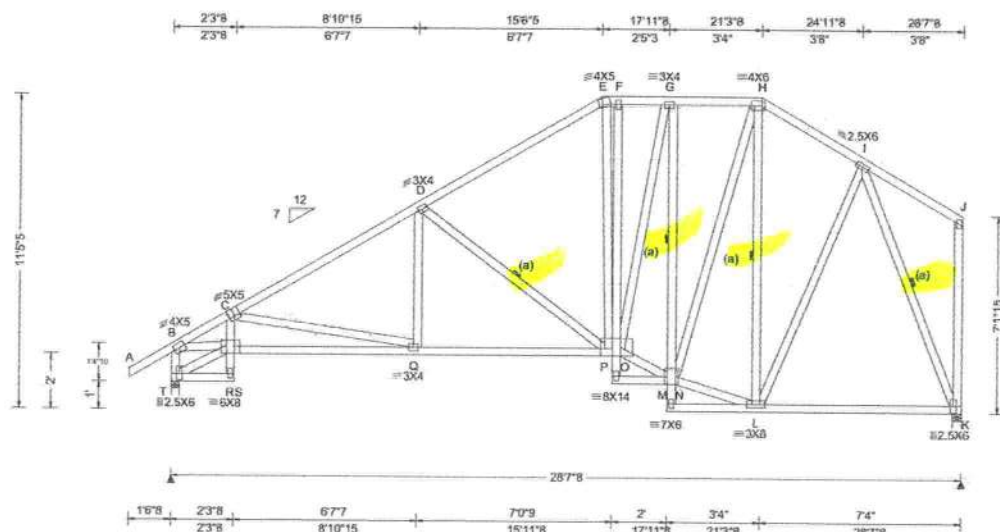
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ALPINE
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6750 Forum Drive
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SEON: 367575 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A19	Cust: R 215 JRef: 1X4e2150005 T49 Dwno: 099.21.0929.07873 KD / WHK 04/09/2021
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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 7-16 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.076 Q 999 240 VERT(CL): 0.157 Q 999 180 HORZ(LL): 0.068 K - - HORZ(TL): 0.140 K - - Creep Factor: 2.0 Max TC CSI: 0.716 Max BC CSI: 0.903 Max Web CSI: 0.777 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL T 1297 - / - /800 /56 /252 K 1187 - / - /624 /56 - Wind reactions based on MWFRS T Brg Width = 3.5 Min Req = 1.5 K Brg Width = 4.0 Min Req = 1.5 Bearings T & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 795 -2383 F - G 450 -930 C - D 499 -1775 G - H 413 -791 D - E 465 -1187 H - I 353 -759 E - F 453 -937

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #0228

04/09/2021

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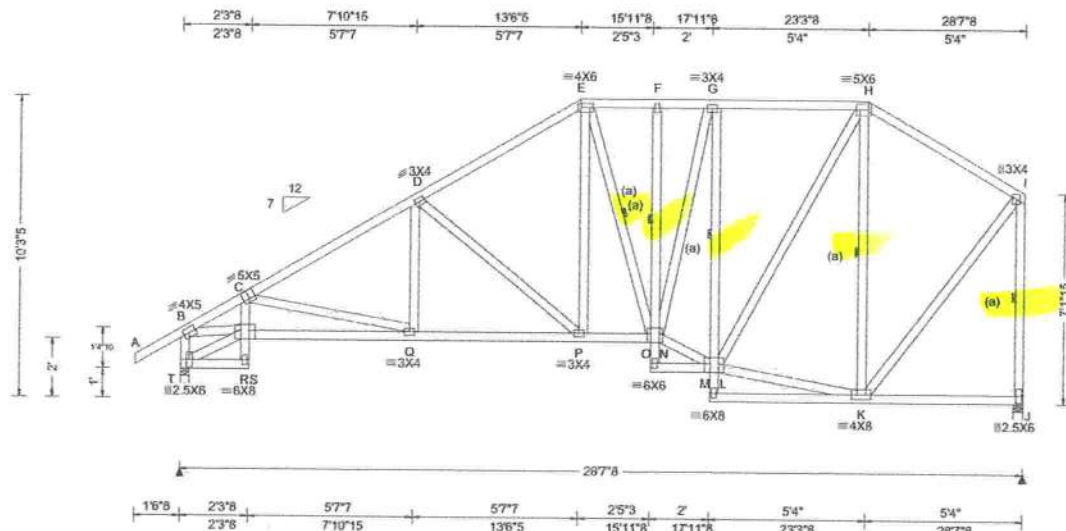
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Orlando FL, 32821



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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.074 P 999 240 VERT(CL): 0.152 P 999 180 HORZ(LL): 0.061 K - - HORZ(TL): 0.127 K - - Creep Factor: 2.0 Max TC CSI: 0.529 Max BC CSI: 0.656 Max Web CSI: 0.761 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL T 1297 /- /- /799 /78 /220 J 1187 /- /- /614 /94 /- Wind reactions based on MWFRS T Brg Width = 3.5 Min Req = 1.5 J Brg Width = 4.0 Min Req = 1.5 Bearings T & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 863 - 2348 F - G 549 - 1062 C - D 598 - 1816 G - H 495 - 902 D - E 569 - 1345 H - I 319 - 705 E - F 550 - 1065

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.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes
The overall height of this truss excluding overhang is 9-3-5.



COA #0278
04/09/2021

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
R - Q	2048 - 913	P - N	1079 - 422
Q - P	1491 - 577		

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - T	504 - 1241	G - L	468 - 894
B - R	1998 - 691	L - K	536 - 213
C - Q	346 - 561	L - H	714 - 339
D - P	207 - 545	K - H	383 - 676
E - P	402 - 62	K - I	879 - 346
N - G	633 - 201	I - J	471 - 1145
N - L	1003 - 426		

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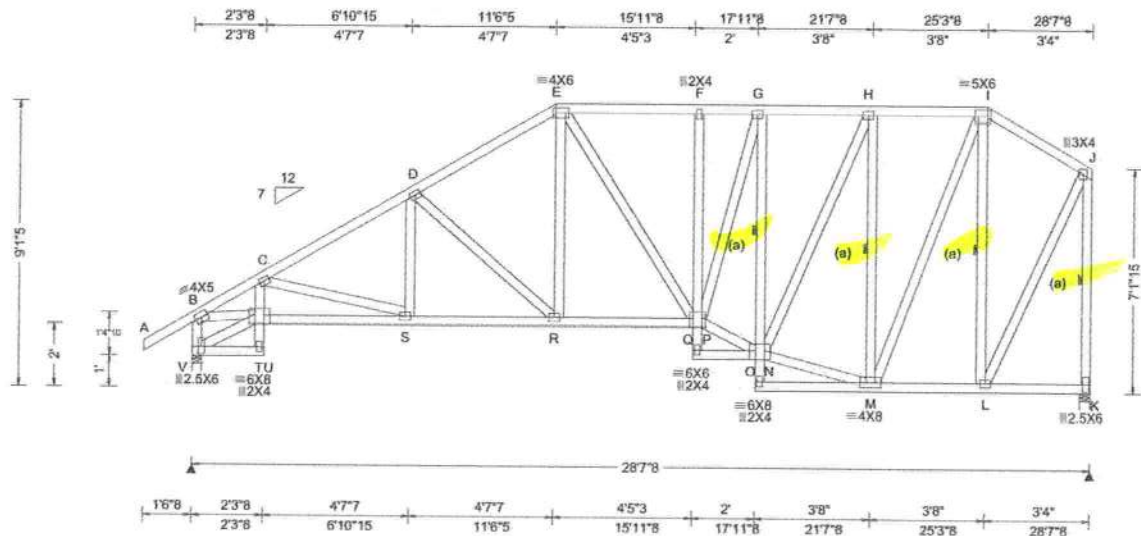
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367618 FROM: CDM	HIPS Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: A21	Cust: R 215 JRef: 1X4e2150005 T20 DrwNo: 099.21.0929.03713 KD / WHK 04/09/2021
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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 7-16 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.081 F 999 240 VERT(CL): 0.168 F 999 180 HORZ(LL): 0.062 L - - HORZ(TL): 0.127 L - - Creep Factor: 2.0 Max TC CSI: 0.349 Max BC CSI: 0.517 Max Web CSI: 0.750 VIEW Ver: 20.01.01A.0724.11	Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL V 1297 - / - / 793 / 102 / 190 K 1187 - / - / 609 / 140 / - Wind reactions based on MWFRS V Brg Width = 3.5 Min Req = 1.5 K Brg Width = 4.0 Min Req = 1.5 Bearings V & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 941 - 2322 F - G 681 - 1261 C - D 697 - 1857 G - H 571 - 1030 D - E 673 - 1487 H - I 421 - 721 E - F 683 - 1265 I - J 260 - 515

Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	Bracing (a) Continuous lateral restraint equally spaced on member.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. T - S 2017 - 972 R - P 1219 - 549 S - R 1539 - 674 M - L 407 - 188
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Plating Notes All plates are 3X4 except as noted.	Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - V 549 - 1242 N - H 728 - 356 B - T 1968 - 744 N - M 754 - 370 C - S 318 - 487 H - M 546 - 910 D - R 172 - 436 M - I 815 - 423 E - R 393 - 47 I - L 424 - 759 P - G 796 - 376 L - J 931 - 430 P - N 1150 - 556 J - K 542 - 1161 G - N 488 - 905
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Wind Wind loads based on MWFRS with additional C&C member design. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.	Additional Notes The overall height of this truss excluding overhang is 8-1-5.
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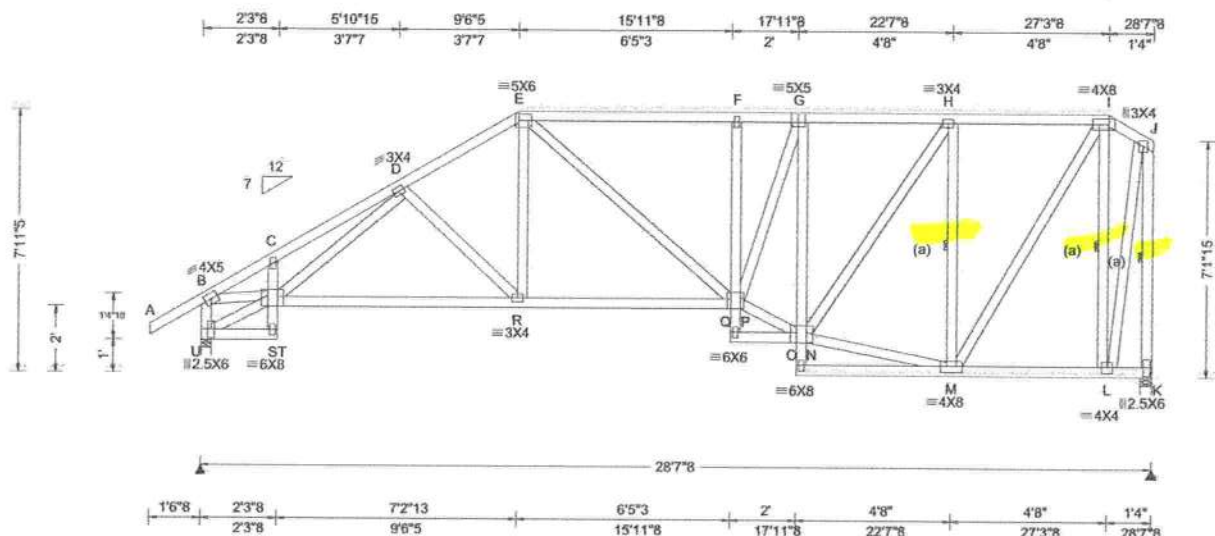


COA #0278
04/09/2021

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SEQN: 367583 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A22	Cust: R 215 JRef: 1X4e2150005 T50 DrwNo: 099.21.0929.00930 KD / WHK 04/09/2021
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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 7-16 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 G&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.093 F 999 240 VERT(CL): 0.192 F 999 180 HORZ(LL): 0.064 L - - HORZ(TL): 0.132 L - - Creep Factor: 2.0 Max TC CSI: 0.577 Max BC CSI: 0.839 Max Web CSI: 0.942 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL U 1297 /- /- /783 /211 /195 K 1187 /- /- /609 /234 /- Wind reactions based on MWFRS U Brg Width = 3.5 Min Req = 1.5 K Brg Width = 4.0 Min Req = 1.5 Bearings U & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 1008 -2270 F - G 859 -1551 C - D 1085 -2325 G - H 672 -1216 D - E 771 -1646 H - I 431 -757 E - F 862 -1556

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.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-11-5.



COA #0278
04/09/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
S - R	1611 -807	R - P	1381 -682

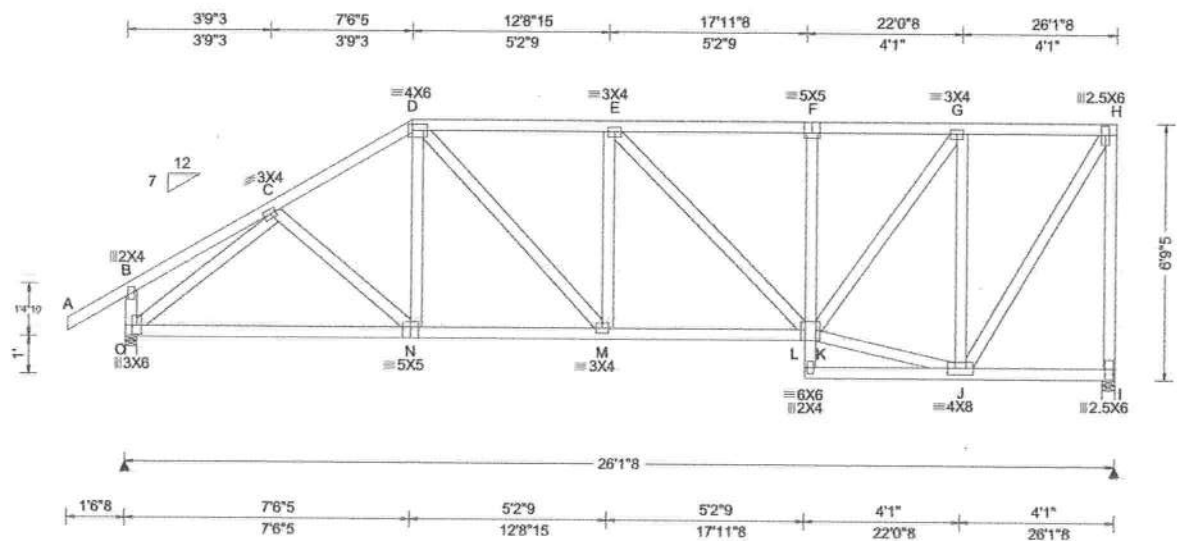
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - U	593 -1247	N - H	786 -419
B - S	1912 -786	N - M	776 -420
S - D	479 -302	H - M	639 -986
E - R	409 -21	M - I	1060 -569
P - G	974 -544	I - L	598 -997
P - N	1363 -716	L - J	1068 -560
G - N	600 -1026	J - K	596 -1175

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
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6750 Forum Drive
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SEQN: 367606 FROM: CDM	HIPM Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: A23	Cust: R 215 JRef: 1X4e2150005 T45 DrwNo: 099.21.0928.57820 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.053 E 999 240 VERT(CL): 0.108 E 999 180 HORZ(LL): 0.024 J - - HORZ(TL): 0.050 J - - Creep Factor: 2.0 Max TC CSI: 0.459 Max BC CSI: 0.630 Max Web CSI: 0.859 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL O 1194 - / - / - /714 /195 /180 I 1083 - / - / - /558 /219 - Wind reactions based on MWFRS: O Brg Width = 3.5 Min Req = 1.5 I Brg Width = 4.0 Min Req = 1.5 Bearings O & 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. C - D 643 -1315 F - G 660 -1141 D - E 757 -1314 G - H 343 -592 E - F 662 -1145

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

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

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

Additional Notes
The overall height of this truss excluding overhang is 5-9.5.

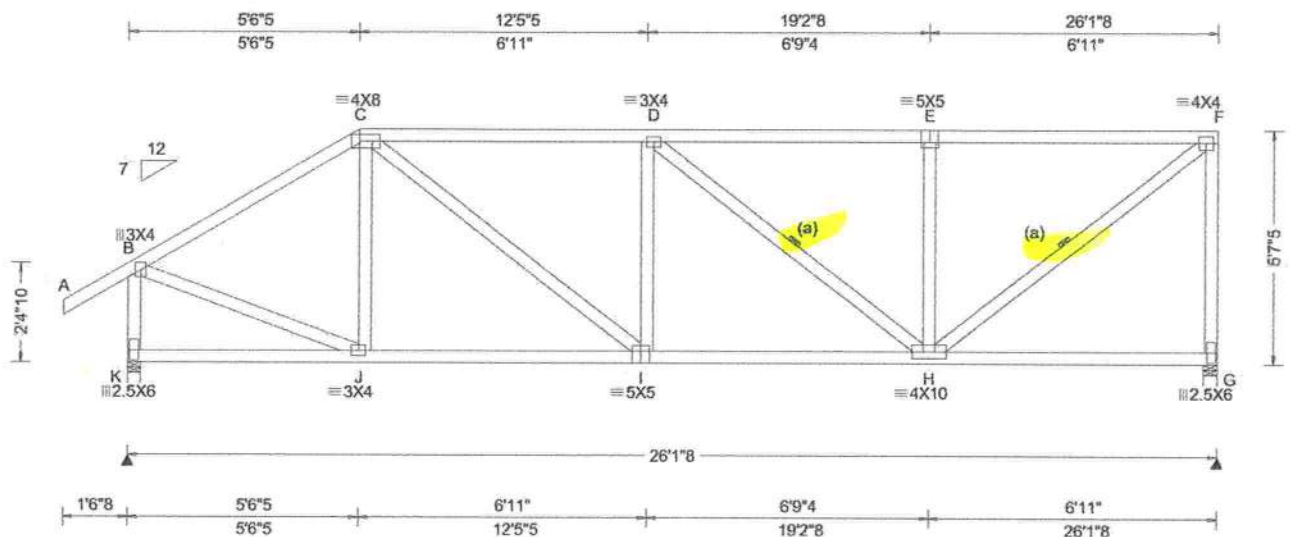


COA #0248
04/09/2021

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SEQN: 367624 FROM: CDM	HIPM Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: A24	Cust: R215 JRef: 1X4e2150005 T46 DrwNo: 099.21.0928.55823 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCCL: 20.00 TCDL: 10.00 BCCL: 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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.053 D 999 240 VERT(CL): 0.108 D 999 180 HORZ(LL): 0.016 C - - HORZ(TL): 0.033 C - - Creep Factor: 2.0 Max TC CSI: 0.818 Max BC CSI: 0.723 Max Web CSI: 0.574 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL K 1194 - / - / - / 691 / 200 / 139 G 1083 - / - / - / 550 / 217 / - Wind reactions based on MWFRS K Brg Width = 3.5 Min Req = 1.5 G Brg Width = 4.0 Min Req = 1.5 Bearings K & G 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 584 - 1158 D - E 654 - 1105 C - D 820 - 1368 E - F 654 - 1105

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Purlins

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 5'-7.5".



COA #0228
04/09/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
J - I	932 - 556	I - H	1379 - 835

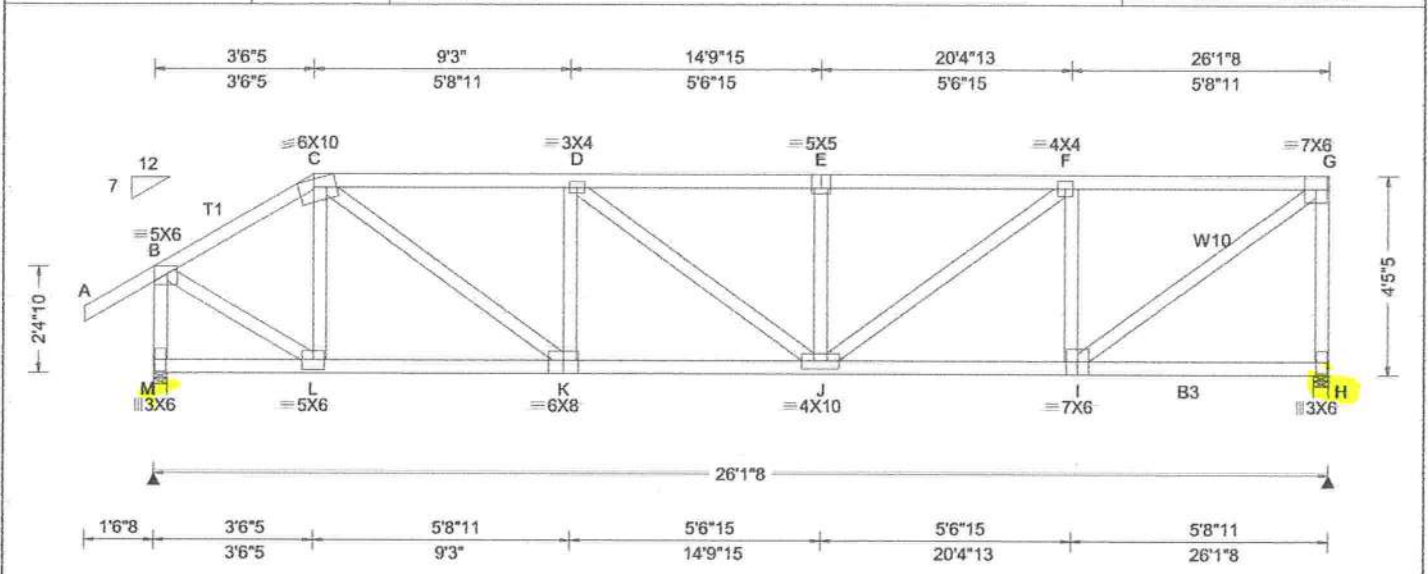
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - K	561 - 1150	H - F	1395 - 824
B - J	984 - 423	E - H	463 - 475
C - I	554 - 357	F - G	679 - 1027

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SEQN: 367633 FROM: CDM	HIPM Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: A25	Cust: R215 JRef: 1X4e2150005 T44 DrwNo: 099.21.0928.50177 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.148 E 999 240 VERT(CL): 0.298 E 999 180 HORZ(LL): 0.042 C - - HORZ(TL): 0.084 C - - Creep Factor: 2.0 Max TC CSI: 0.657 Max BC CSI: 0.677 Max Web CSI: 0.907 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL M 2605 -/- /- /- /637 -/- H 2710 -/- /- /- /673 -/- Non-Gravity Wind reactions based on MWFRS M Brg Width = 3.5 Min Req = 2.2 H Brg Width = 4.0 Min Req = 3.2 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. B - C 590 -2425 E - F 1028 -4177 C - D 957 -3894 F - G 717 -2916 D - E 1028 -4177

Lumber	Special Loads	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP M-31; T1 2x4 SP #2; Bot chord: 2x4 SP M-31; B3 2x4 SP #2; Webs: 2x4 SP #3; W10 2x4 SP #2;	----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 63 plf at -1.54 to 63 plf at 3.53 TC: From 32 plf at 3.53 to 32 plf at 26.13 BC: From 5 plf at -1.54 to 5 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 3.56 BC: From 10 plf at 3.56 to 10 plf at 26.13 TC: 237 lb Conc. Load at 3.56 TC: 190 lb Conc. Load at 5.59, 7.59, 9.59, 11.59 13.59, 15.59, 17.59, 19.59, 21.59, 23.59, 25.59 BC: 228 lb Conc. Load at 3.56 BC: 130 lb Conc. Load at 5.59, 7.59, 9.59, 11.59 13.59, 15.59, 17.59, 19.59, 21.59, 23.59, 25.59	Chords Tens.Comp. Chords Tens. Comp. L - K 2053 -497 J - I 3035 -760 K - J 3959 -986

Purlins	Wind	Maximum Web Forces Per Ply (lbs)
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.	Webs Tens.Comp. Webs Tens. Comp. B - M 648 -2601 E - J 312 -625 B - L 2381 -577 J - F 1437 -337 C - L 367 -781 F - I 619 -1700 C - K 2291 -572 I - G 3635 -893 K - D 419 -933 G - H 705 -2513

COA #0278
04/09/2021

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

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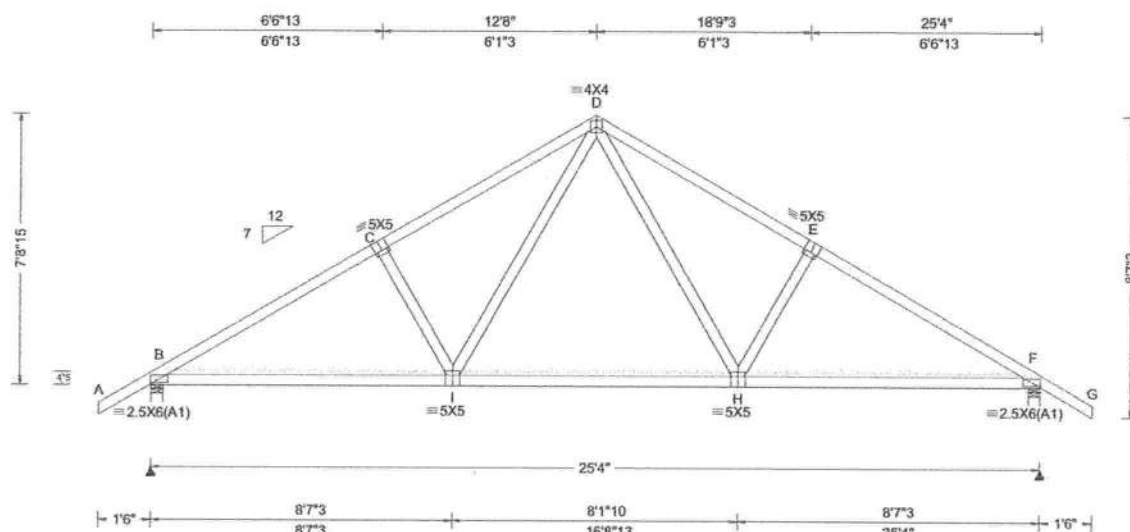
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SEQN: 367671 FROM: CDM	COMN	Ply: 1 Qty: 4	Job Number: 21-5392 64 Oaks Truss Label: B01	Cust: R 215 JRef: 1X4e2150005 T16 DrwNo: 099.21.0928.34943 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind Criteria	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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.064 I 999 240 VERT(CL): 0.123 I 999 180 HORZ(LL): 0.027 H - - HORZ(TL): 0.051 H - - Creep Factor: 2.0 Max TC CSI: 0.494 Max BC CSI: 0.804 Max Web CSI: 0.241 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1231 /- /- /692 /198 /235 F 1231 /- /- /692 /198 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 F Brg Width = 4.0 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 471 -1770 D - E 514 -1585 C - D 514 -1585 E - F 471 -1770

Lumber

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

Loading

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 7-8-15.



04/09/2021

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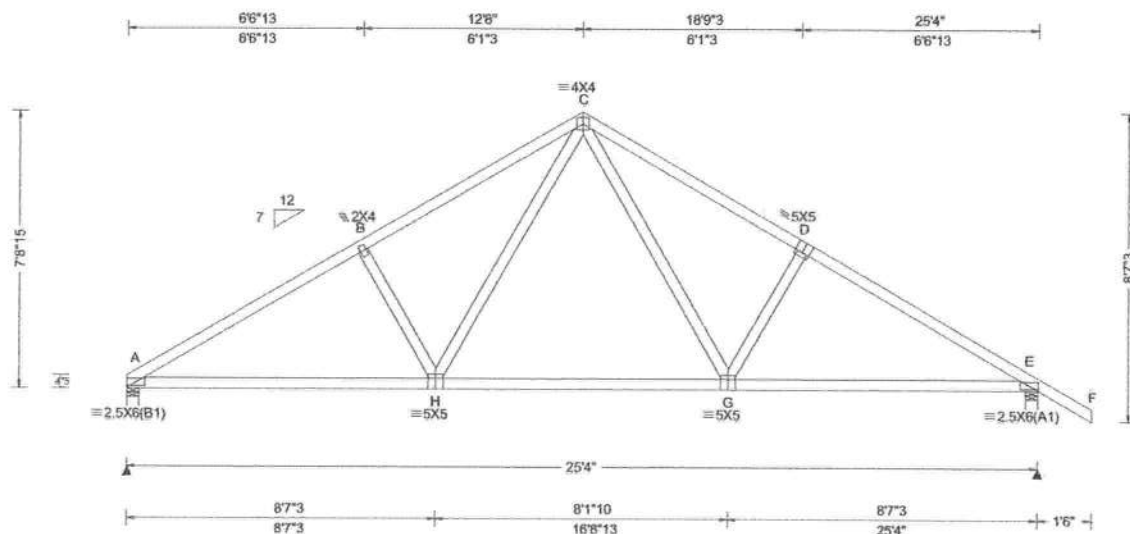
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SEQN: 367668 FROM: CDM	COMN Qty: 6	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: B02	Cust: R 215 JRef: 1X4e2150005 T18 DwnNo: 099.21.0928.32167 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind Criteria	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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.063 G 999 240 VERT(CL): 0.122 G 999 180 HORZ(LL): 0.027 G - - HORZ(TL): 0.051 G - - Creep Factor: 2.0 Max TC CSI: 0.545 Max BC CSI: 0.833 Max Web CSI: 0.249 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 1126 /- /- /606 /171 /218 E 1235 /- /- /692 /199 /- Wind reactions based on MWFRS A Brg Width = 4.0 Min Req = 1.5 E Brg Width = 4.0 Min Req = 1.5 Bearings A & E 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 329 - 1790 C - D 364 - 1591 B - C 371 - 1605 D - E 323 - 1777

Lumber

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

Loading

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 7'-8-15.



COA #0278

04/09/2021

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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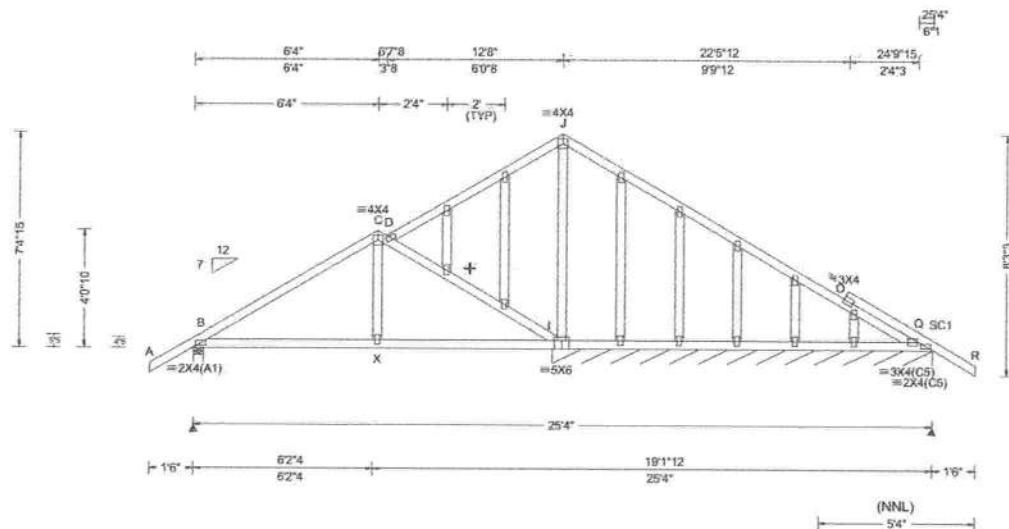
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SEQN: 367673 FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: B03	Cust: R 215 JRef: 1X4e2150005 T17 Dwno: 099.21.0928.29447 KD / WHK 04/09/2021
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Loading Criteria (psf)	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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.039 G 999 240 VERT(CL): 0.080 G 999 180 HORZ(LL): 0.021 G - - HORZ(TL): 0.044 G - - Creep Factor: 2.0 Max TC CSI: 0.427 Max BC CSI: 0.445 Max Web CSI: 0.270 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL B 569 /- /- /377 /55 /248 Q* 134 /- /- /74 /- /- Non-Gravity Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 Q Brg Width = 156 Min Req = - 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 162 -520 D - I 305 -606 C - D 179 -397

Lumber

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

Plating Notes

All plates are 2x4 except as noted.

Loading

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

Wind

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

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

Stacked top chord must NOT be notched or cut in area (NNL). 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 7'-4-15".

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



COA #0248
04/09/2021

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

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

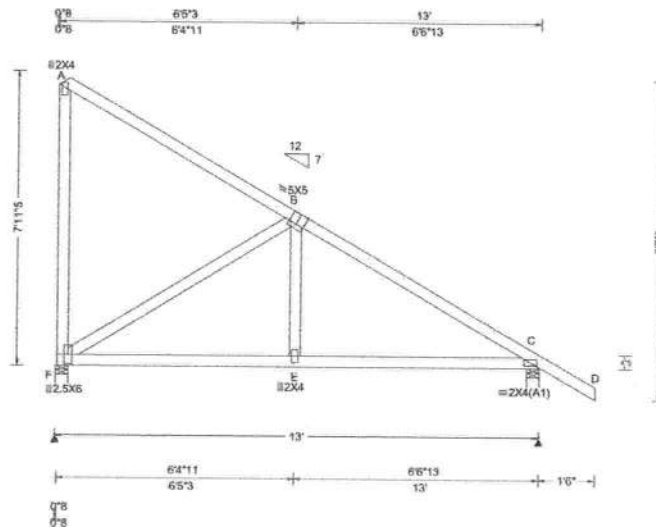
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

SEQN: 367666 FROM: CDM	COMN Qty: 2	Ply: 1	Job Number: 21-5392 64 Oaks Truss Label: B04	Cust: R 215 JRef: 1X4e2150005 T19 DrwNo: 099.21.0928.07520 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.007 A - - HORZ(TL): 0.014 A - - Creep Factor: 2.0 Max TC CSI: 0.654 Max BC CSI: 0.544 Max Web CSI: 0.616 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 525 /- /- /376 /79 /213 C 654 /- /- /398 /- /- Wind reactions based on MWFRS F Brg Width = 4.0 Min Req = 1.5 C Brg Width = 4.0 Min Req = 1.5 Bearings F & C are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 17 -685

Lumber

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 7'-8"-15".



COA #0-278
04/09/2021

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

F - E 514 0 E - C 517 0

Maximum Web Forces Per Ply (lbs)

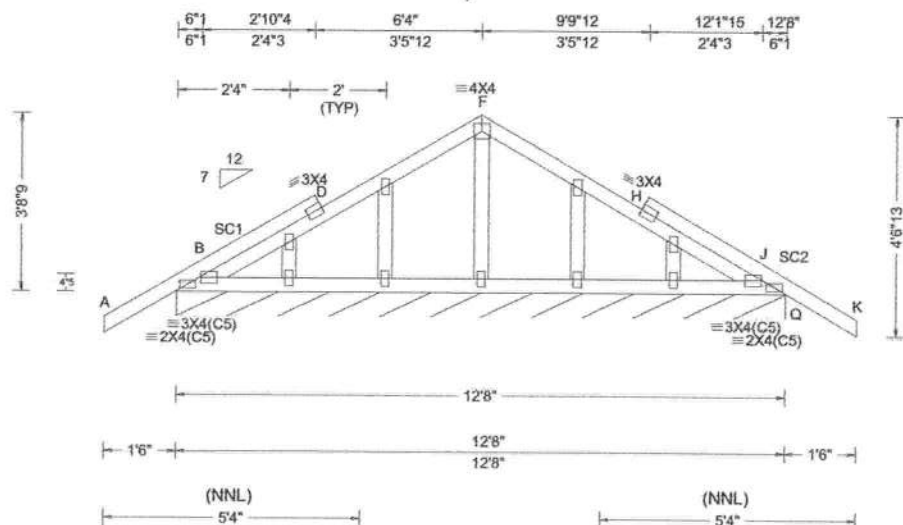
Webs Tens.Comp.

F - B 300 -601

****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. Refer to job's General Notes page for additional information.
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367621 FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: B05	Cust: R 215 JRef: 1X4e2150005 T15 Dwno: 099.21.0928.05053 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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 D 999 240 VERT(CL): 0.003 D 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.243 Max BC CSI: 0.033 Max Web CSI: 0.032 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL Q* 99 /- /- /50 /- /4 Wind reactions based on MWFRS Q Brg Width = 152 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;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 3-8-9.



COA #0278

04/09/2021

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

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

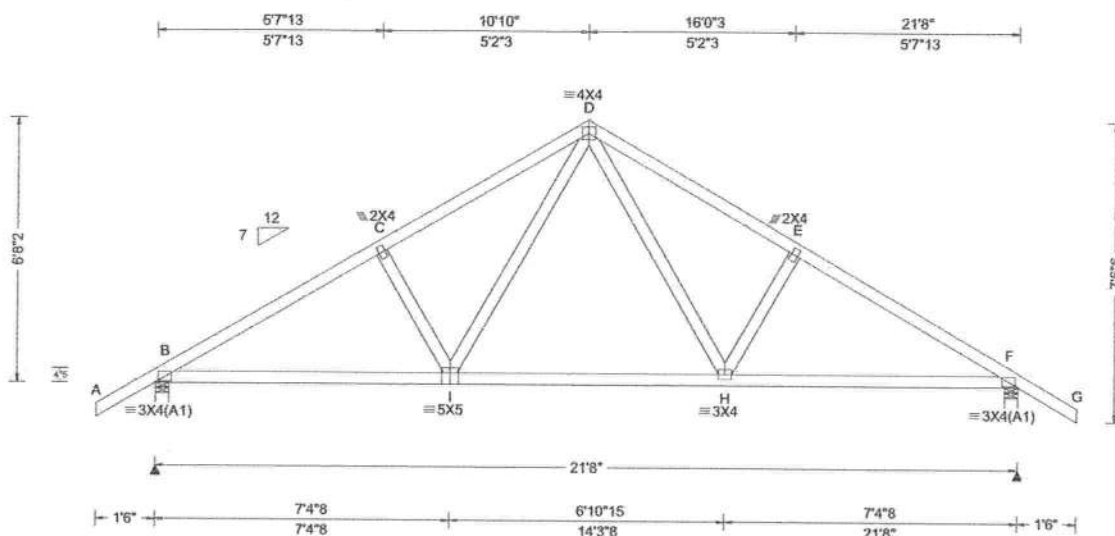
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ALPINE
AN ITW COMPANY
6750 Forum Drive
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SEQN: 367587 FROM: CDM	COMN	Ply: 1 Qty: 4	Job Number: 21-5392 64 Oaks Truss Label: C01	Cust: R 215 JRef: 1X4e2150005 T12 DrwNo: 099.21.0928.03267 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.045 H 999 240 VERT(CL): 0.088 H 999 180 HORZ(LL): 0.019 H - - HORZ(TL): 0.036 H - - Creep Factor: 2.0 Max TC CSI: 0.347 Max BC CSI: 0.608 Max Web CSI: 0.196 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 1054 /- /- /604 /173 /207 F 1054 /- /- /604 /173 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 F Brg Width = 4.0 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 451 - 1464 D - E 488 - 1308 C - D 489 - 1307 E - F 451 - 1465

Lumber

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

Loading

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

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 6-8-2.



COA #0-278
04/09/2021

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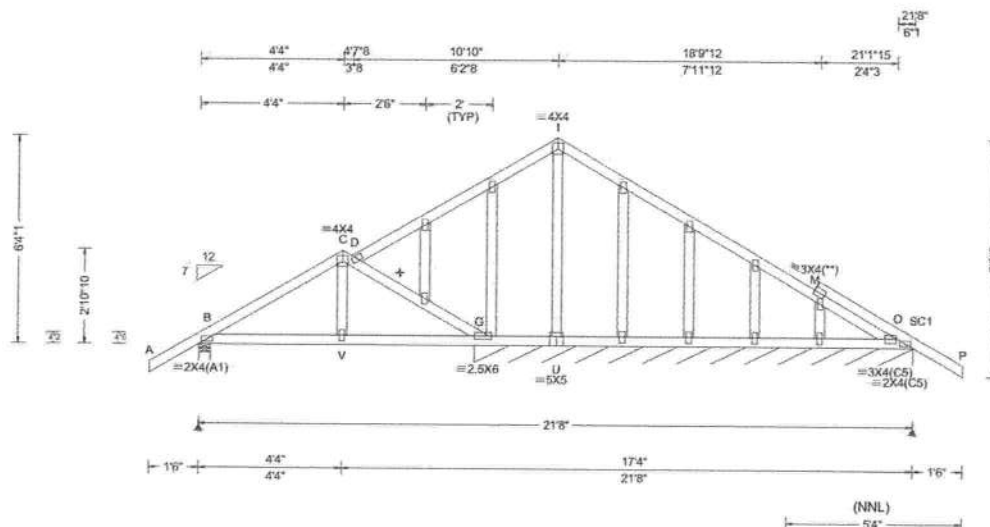
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ALPINE
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6750 Forum Drive
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Orlando FL, 32821

SEQN: 367675 FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: C02	Cust: R 215 JRef: 1X4e2150005 T13 DrwNo: 099.21.0928.01330 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.009 E 999 240 VERT(CL): 0.019 E 999 180 HORZ(LL): 0.004 E - - HORZ(TL): 0.009 E - - Creep Factor: 2.0 Max TC CSI: 0.236 Max BC CSI: 0.201 Max Web CSI: 0.117 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 429 /- /- /282 /33 /210 O* 118 /- /- /66 /- /- Wind reactions based on MWFRS: B Brg Width = 4.0 Min Req = 1.5 O Brg Width = 159 Min Req = - Bearings B & G are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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

Loading

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 6-4-1.

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



COA #0278

04/09/2021

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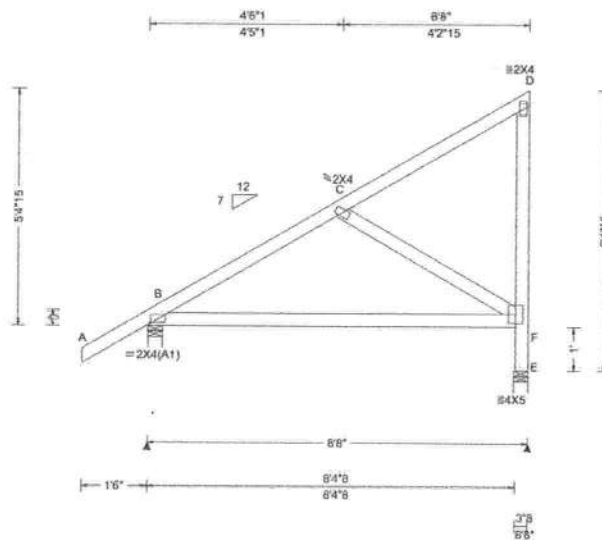
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367607 FROM: CDM	MONO Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: C03	Cust: R 215 JRef: 1X4e2150005 T25 DrwNo: 099.21.0927.18543 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.007 F 999 240 VERT(CL): 0.024 F 999 180 HORZ(LL): 0.004 F - - HORZ(TL): 0.015 F - - Creep Factor: 2.0 Max TC CSI: 0.333 Max BC CSI: 0.596 Max Web CSI: 0.234 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 473 /- /- /316 /32 /203 E 344 /- /- /249 /113 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 4.0 Min Req = 1.5 Bearings 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;

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 5-4-15.



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

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

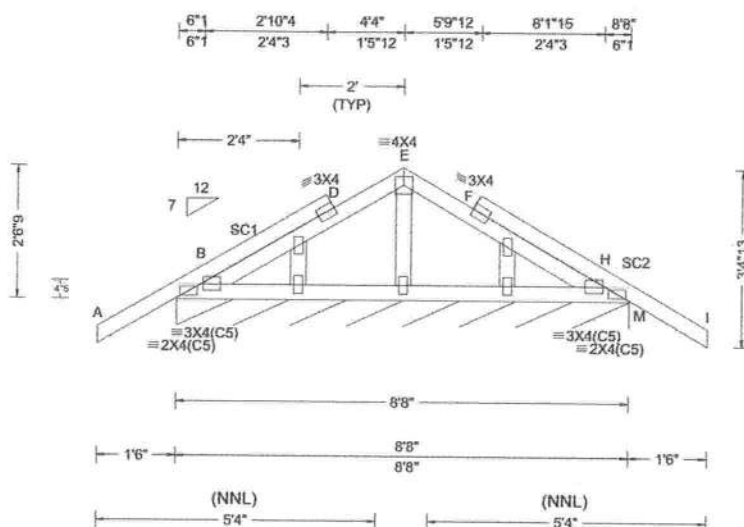
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

SEQN: 367625 FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: C04	Cust: R215 JRef: 1X4e2150005 T11 DrwNo: 099.21.0927.16020 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.002 D 999 240 VERT(CL): 0.004 D 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.278 Max BC CSI: 0.033 Max Web CSI: 0.028 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity M* 107 /- /- /53 /- /5 Wind reactions based on MWFRS M Brg Width = 104 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;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss excluding overhang is 2-6-9.



COA #0278

04/09/2021

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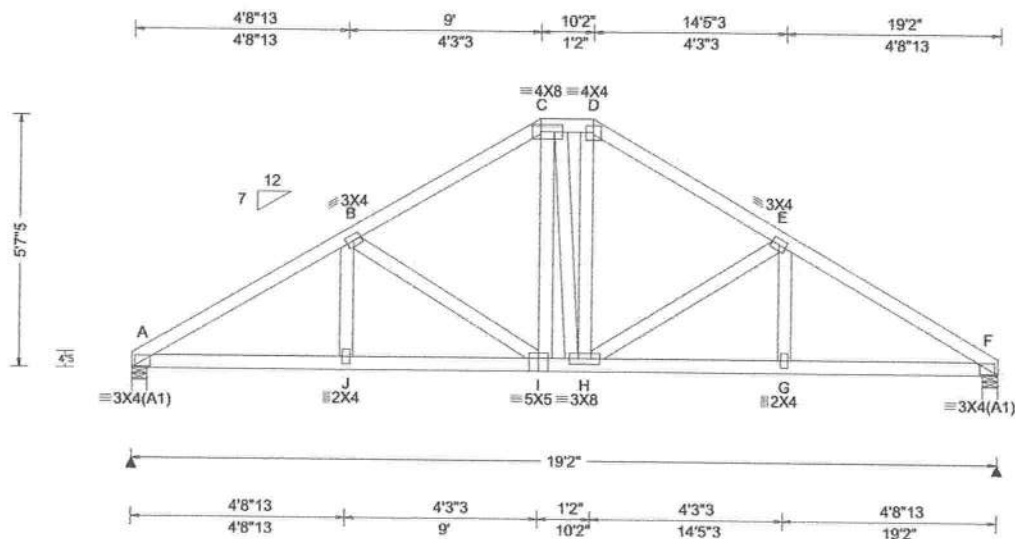
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367627 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: D01	Cust: R 215 JRef: 1X4e2150005 T4 DrwNo: 099.21.0927.13837 KD / WHK 04/09/2021
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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 7-16	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): 0.029 I 999 240	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.061 I 999 180	A 797 -/- -/- /459 /131 /135
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 G - -	F 797 -/- -/- /459 /131 -/-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.029 G - -	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	A Brg Width = 4.0 Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.267	F Brg Width = 4.0 Min Req = 1.5
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.313	Bearings A & F are a rigid surface.
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.192	Members not listed have forces less than 375#
	G&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: not in 9.00 ft	Plate Type(s):		Chords Tens.Comp. Chords Tens. Comp.
	GCpi: 0.18	WAVE	VIEW Ver: 20.01.01A.0724.11	A - B 292 -1238 D - E 281 -889
	Wind Duration: 1.60			B - C 283 -694 E - F 292 -1237
				C - D 274 -711
Lumber				Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2;				Chords Tens.Comp. Chords Tens. Comp.
Bot chord: 2x4 SP #2;				A - J 1012 -191 H - G 1009 -192
Webs: 2x4 SP #3;				J - I 1010 -192 G - F 1011 -190
				I - H 708 -86
Purlins				
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.				

Lumber

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

Purlins

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

Wind

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

Additional Notes

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



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ALPINE
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6750 Forum Drive
Suite 305
Orlando FL, 32821

Gable Stud Reinforcement Detail

ASCE 7-16: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Dr: 100 mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

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

Bracing Group Species and Grades:		Group A:		Group B:	
Spruce-Pine-Fir	#1 / #2	Standard	Stud	Douglas Fir-Larch	#1
	#3	Standard	Stud		#2
Douglas Fir-Larch	#1	Standard	Stud	Southern Pine	#1
	#2	Standard	Stud		#2

1x4 Braces shall be SPS (Stress-Rated Board).
For 1x4 SPS, Pine use only Industrial SS or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:
Wind load deflection criterion is L/240.
Provide uplift connections for 100 plf over continuous bearing (5 psf TC Dead Load).

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

Attach 'L' braces with 10d (128"x3.0" min) nails.
* For (1) 'L' brace: space nails at 2' o.c.
* For (2) 'L' braces: space nails at 3' o.c.
* For (3) 'L' braces: space nails at 4' o.c.
* For (4) 'L' braces: space nails at 5' o.c.
* For (5) 'L' braces: space nails at 6' o.c.
* For (6) 'L' braces: space nails at 8' o.c.
* 'L' bracing must be a minimum of 80% of web member length.

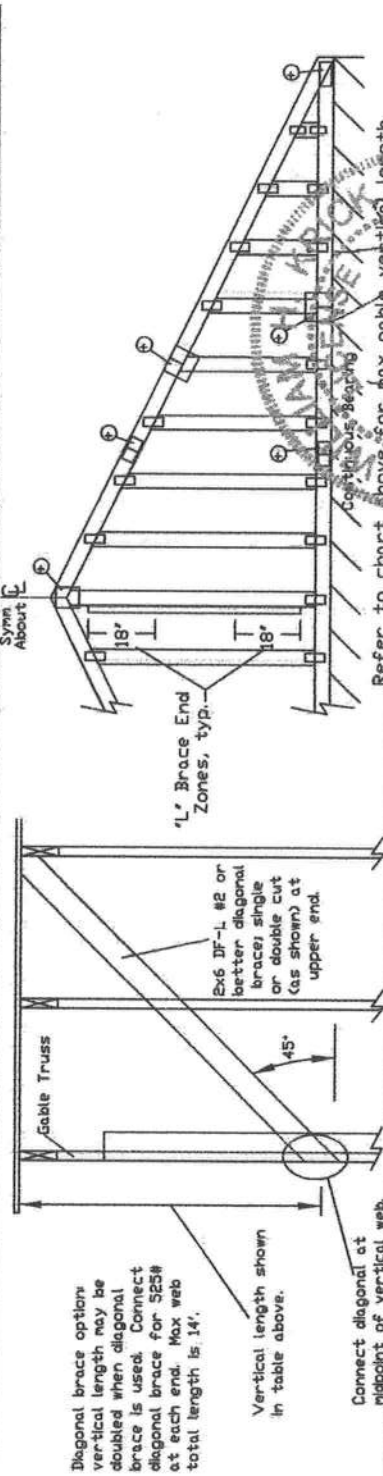
Gable Vertical Plate Sizes		No Splice	
Vertical Length	Less than 4' 0"	2X4	
	Greater than 4' 0", but less than 11' 6"	3X4	
Vertical Length	Greater than 11' 6"	4X4	

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

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

REF ASCE7-16-GABI4030
DATE 01/26/2018
DRWG A14030ENC160118

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"



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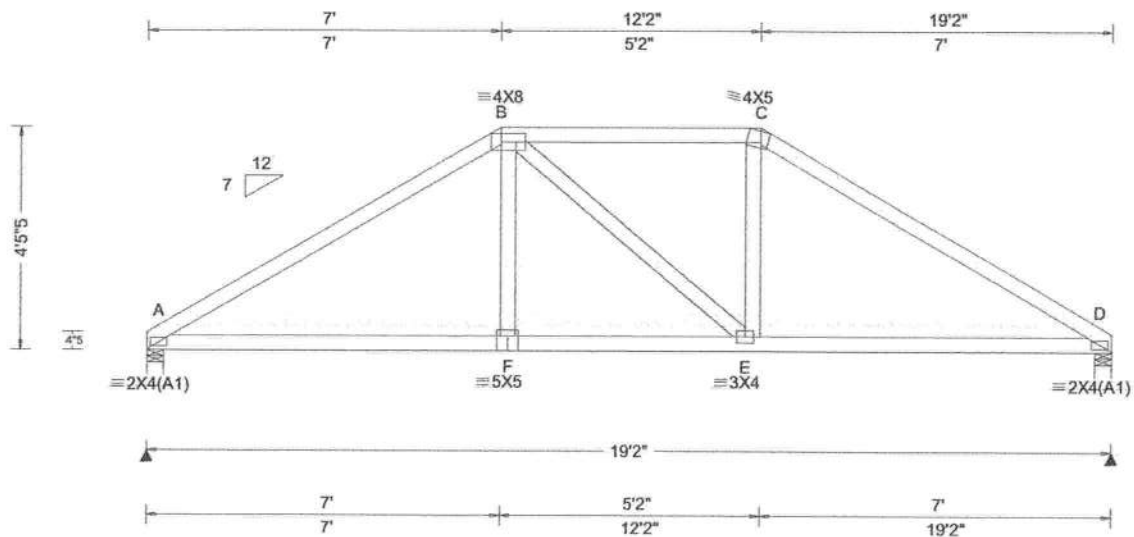
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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineinc.com TPI: www.tpiinc.com SBCA: www.sbcainc.com IED: www.iedinc.com

ALPINE AN ITW COMPANY
514 Earth City Expressway
Suite 242
Earth City, MO 63045

FLORIDA PROFESSIONAL ENGINEER
No. 08817
01/09/2021

SEQN: 367594 FROM: CDM	HIPS Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: D02	Cust: R 215 JRef: 1X4e2150005 T1 DrwNo: 099.21.0927.11387 KD / WHK 04/09/2021
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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 7-16 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 Building Code: FBC 7th Ed. 2020 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): 0.020 F 999 240 VERT(CL): 0.042 F 999 180 HORZ(LL): 0.012 E - - HORZ(TL): 0.024 E - - Creep Factor: 2.0 Max TC CSI: 0.584 Max BC CSI: 0.510 Max Web CSI: 0.093 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 797 /- /- /457 /134 /105 D 797 /- /- /457 /134 /- Wind reactions based on MWFRS: A Brg Width = 4.0 Min Req = 1.5 D Brg Width = 4.0 Min Req = 1.5 Bearings A & D 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 470 -1129 C - D 470 -1128 B - C 460 -898

Lumber

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

Purlins

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

Wind

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

Additional Notes

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



COA #0278
04/09/2021

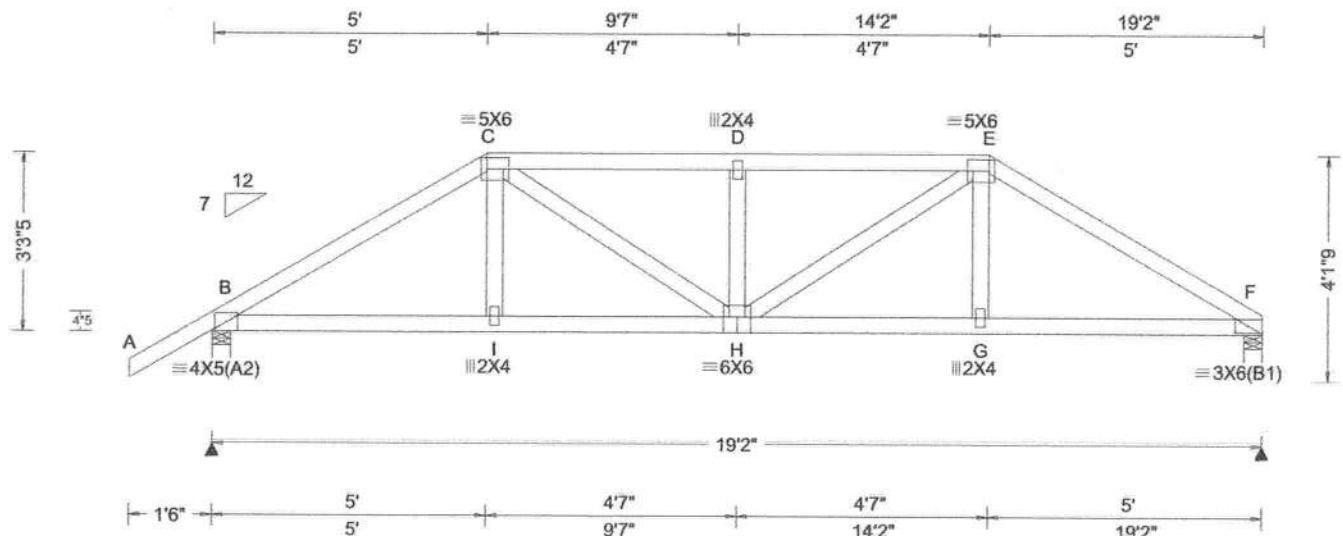
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - F	889 -329	E - D	888 -317
F - E	894 -327		

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ALPINE
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367636 FROM: CDM	HIPS Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: D03	Cust: R 215 JRef: 1X4e2150005 T30 DrwNo: 099.21.0927.09163 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.090 D 999 240 VERT(CL): 0.181 D 999 180 HORZ(LL): 0.031 G - - HORZ(TL): 0.064 G - - Creep Factor: 2.0 Max TC CSI: 0.700 Max BC CSI: 0.727 Max Web CSI: 0.296 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 1576 /- /- /- /286 /- F 1467 /- /- /- /248 /- Wind reactions based on MWFRS: B Brg Width = 4.0 Min Req = 1.9 F Brg Width = 4.0 Min Req = 1.7 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 427 -2463 D - E 445 -2719 C - D 445 -2719 E - F 437 -2485

Lumber

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

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at -1.50 to 63 plf at 5.00
TC: From 32 plf at 5.00 to 32 plf at 14.17
TC: From 63 plf at 14.17 to 63 plf at 19.17
BC: From 5 plf at -1.50 to 5 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 5.03
BC: From 10 plf at 5.03 to 10 plf at 14.14
BC: From 20 plf at 14.14 to 20 plf at 19.17
TC: 206 lb Conc. Load at 5.03
TC: 129 lb Conc. Load at 7.06, 9.06, 10.10, 12.10
TC: 210 lb Conc. Load at 14.14
BC: 217 lb Conc. Load at 5.03, 14.14
BC: 90 lb Conc. Load at 7.06, 9.06, 10.10, 12.10

Purlins

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

Wind

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

Additional Notes

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



COA #0-278

04/09/2021

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

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

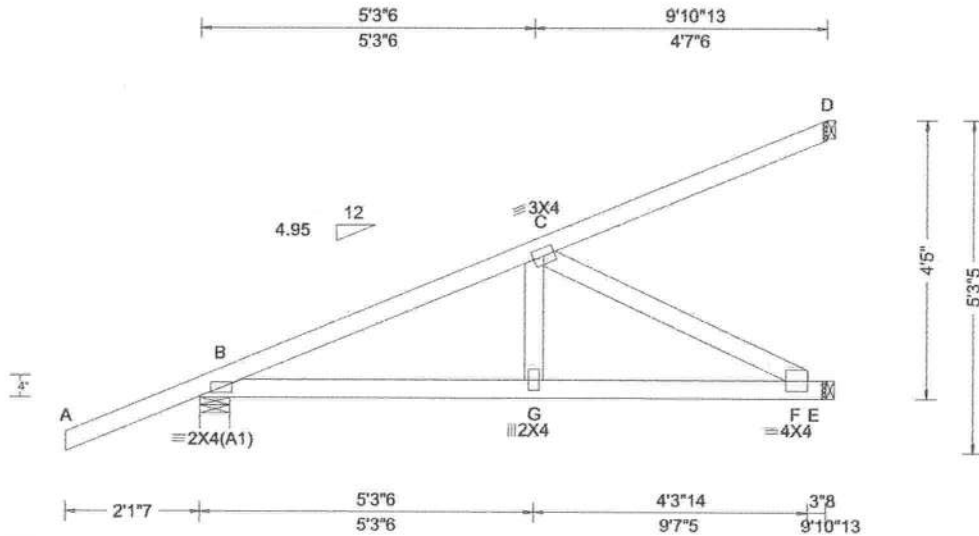
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 387629 FROM: CDM	HIP_	Ply: 1 Qty: 2	Job Number: 21-5392 64 Oaks Truss Label: HJ01	Cust: R 215 JRef: 1X4e2150005 T38 DrwNo: 099.21.0920.3333 KD / WHK 04/09/2021
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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	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity			Non-Gravity			
BCCL: 0.00	BCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.020 G 999 240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
		Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.039 G 999 180	B	372	/-	/-	/-	/211	/-
		Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 F - -	E	340	/-	/-	/-	/88	/-
		EXP: C Kzt: NA		HORZ(TL): 0.009 F - -	D	79	/-	/-	/-	/31	/-
Des Ld: 40.00	NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS						
Soffit: 2.00		TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.607	B	Brg Width = 5.7		Min Req = 1.5			
Load Duration: 1.25		BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.644	E	Brg Width = 1.5		Min Req = -			
Spacing: 24.0 "		MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.313	D	Brg Width = 1.5		Min Req = -			
		C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)		Bearing B is a rigid surface.						
		Loc. from endwall: not in 4.50 ft	Plate Type(s):		Members not listed have forces less than 375#						
		GCpi: 0.18	WAVE	VIEW Ver: 20.01.01A.0724.11	Maximum Top Chord Forces Per Ply (lbs)						
		Wind Duration: 1.60			Chords		Tens.Comp.				

Lumber

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

Special Loads

—(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From -0 plf at -2.12 to 62 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 9.90
BC: From 0 plf at -2.12 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 9.90
TC: -44 lb Conc. Load at 1.48
TC: 126 lb Conc. Load at 4.31
TC: 259 lb Conc. Load at 7.13
BC: 9 lb Conc. Load at 1.48
BC: 99 lb Conc. Load at 4.31
BC: 180 lb Conc. Load at 7.13

Wind

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

Additional Notes

The overall height of this truss excluding overhang is 4'-5.0".



COA #0278

04/09/2021

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

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

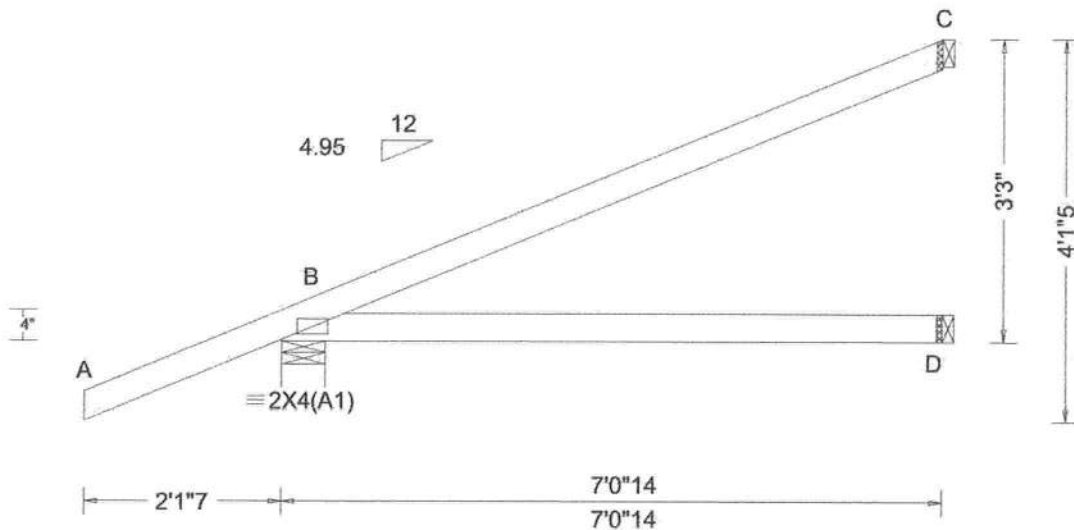
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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

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

SEQN: 367630 FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: HJ02	Cust: R 215 JRef: 1X4e2150005 T8 DrwNo: 099.21.0920.19557 KD / WHK 04/09/2021
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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 7-16 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 G&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): -0.012 D - - HORZ(TL): 0.022 D - - Creep Factor: 2.0 Max TC CSI: 0.537 Max BC CSI: 0.496 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 287 /- /- /- /162 /- D 127 /- /- /- /8 /- C 77 /- /- /- /48 /- Wind reactions based on MWFRS B Brg Width = 5.7 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 7.07
BC: From 0 plf at -2.12 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 7.07
TC: -44 lb Conc. Load at 1.48
TC: 126 lb Conc. Load at 4.31
BC: 9 lb Conc. Load at 1.48
BC: 99 lb Conc. Load at 4.31

Wind

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

Additional Notes

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



COA #0278
04/09/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

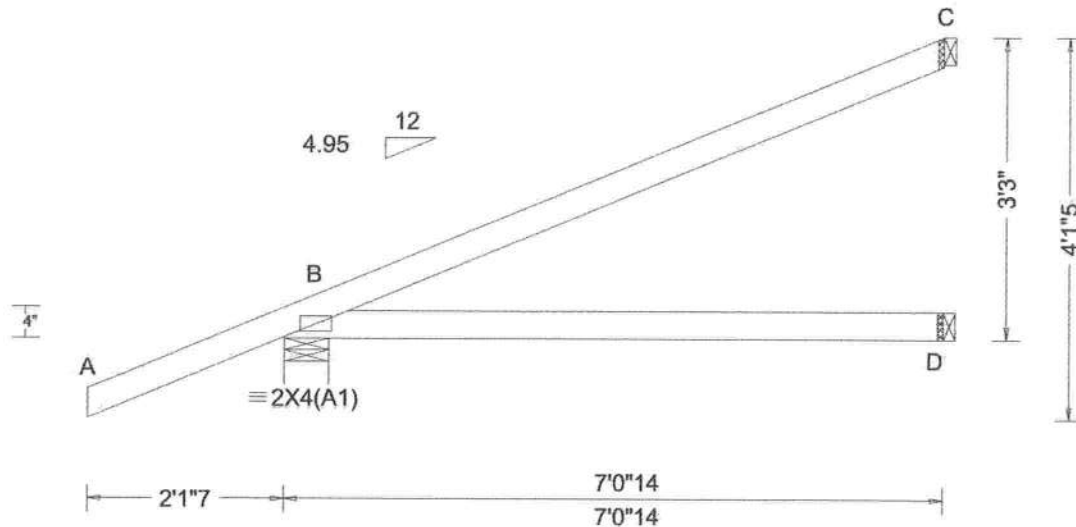
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

SEQN: 367631 FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: HJ03	Cust: R 215 JRef: 1X4e2150005 T29 DrwNo: 099.21.0920.12103 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): -0.013 D - - HORZ(TL): 0.022 D - - Creep Factor: 2.0 Max TC CSI: 0.618 Max BC CSI: 0.512 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 287 /- /- /- /164 /- D 127 /- /- /- /9 /- C 81 /- /- /- /51 /- Wind reactions based on MWFRS B Brg Width = 5.7 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 7.07
BC: From 0 plf at -2.12 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 7.07
TC: -44 lb Conc. Load at 1.48
TC: 145 lb Conc. Load at 4.31
BC: 9 lb Conc. Load at 1.48
BC: 105 lb Conc. Load at 4.31

Wind

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

Additional Notes

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



COA #0278
04/09/2021

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IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

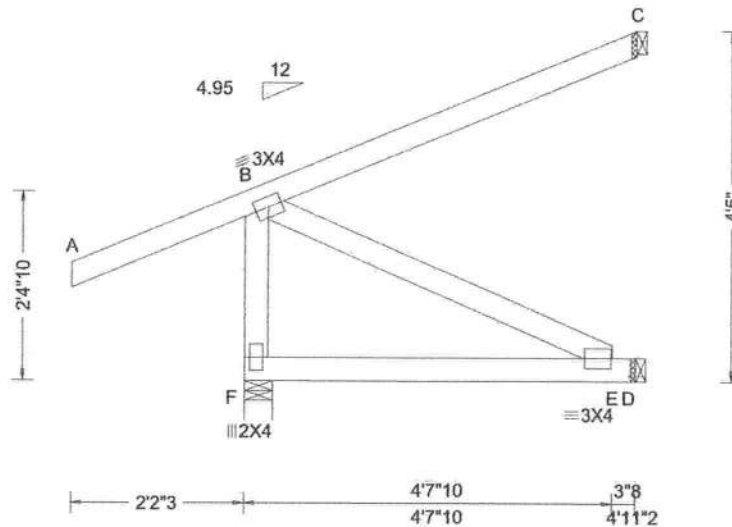
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

SEQN: 367628 FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: HJ04	Cust: R 215 JRef: 1X4e2150005 T31 DrwNo: 099.21.0920.00703 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.006 E 999 240 VERT(CL): 0.013 E 999 180 HORZ(LL): 0.003 B - - HORZ(TL): 0.006 B - - Creep Factor: 2.0 Max TC CSI: 0.347 Max BC CSI: 0.413 Max Web CSI: 0.093 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 329 /- /- /- /125 /- D 99 /- /- /9 /- /- C 47 /- /- /- /43 /- Wind reactions based on MWFRS F Brg Width = 4.2 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearing F is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 0 plf at -2.18 to 62 plf at 0.00
TC: From 2 plf at 0.00 to 2 plf at 4.93
BC: From 0 plf at -2.18 to 4 plf at 0.00
BC: From 2 plf at 0.00 to 2 plf at 4.93
TC: 98 lb Conc. Load at -0.03
TC: 129 lb Conc. Load at 2.16
TC: -4 lb Conc. Load at 2.16
BC: 121 lb Conc. Load at 2.16

Wind

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

Additional Notes

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



COA #0278
04/09/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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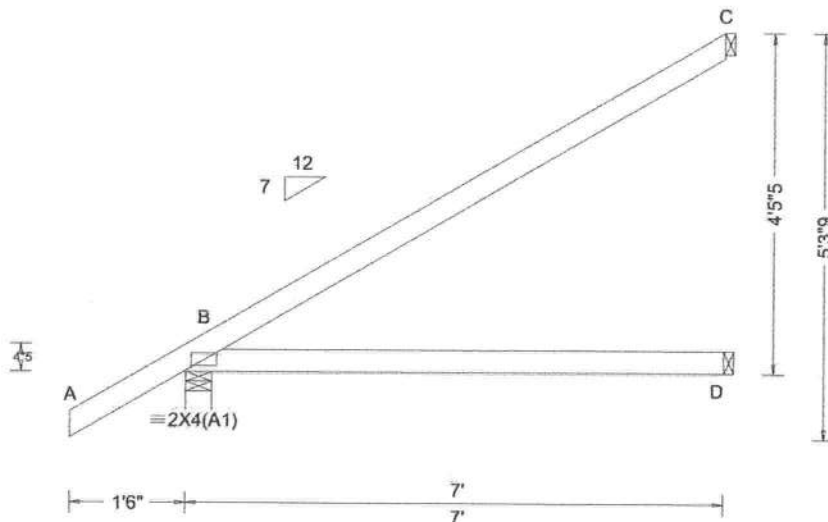
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ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367563 FROM: CDM	EJAC Qty: 28	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: J01	Cust: R 215 JRef: 1X4e2150005 T37 DrwNo: 099.21.0919.35403 KD / WHK 04/09/2021
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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 7-16 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&G Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.014 D - - HORZ(TL): 0.027 D - - Creep Factor: 2.0 Max TC CSI: 0.707 Max BC CSI: 0.520 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 412 /- /- /279 /34 /168 D 130 /- /- /73 /- /- C 190 /- /- /124 /103 /- 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.
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4'-5.5".



COA #0278
04/09/2021

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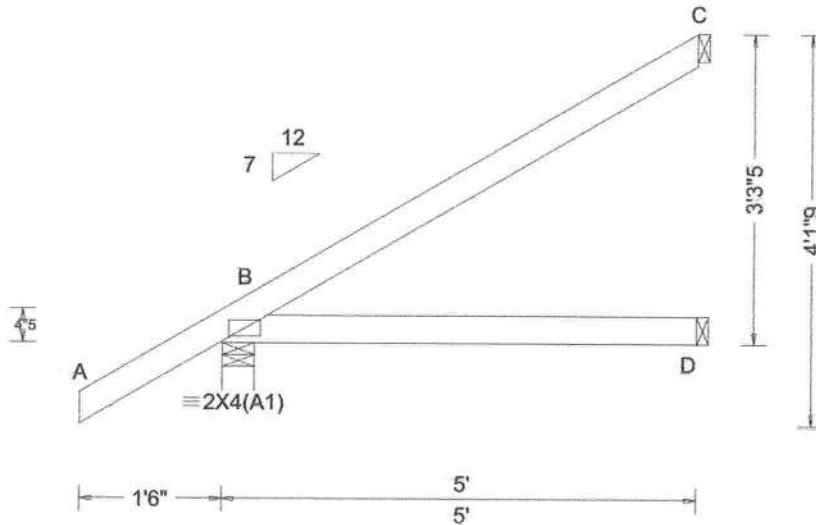
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

SEQN: 367569 FROM: CDM	EJAC Qty: 6	Ply: 1	Job Number: 21-5392 64 Oaks Truss Label: J02	Cust: R 215 JRef: 1X4e2150005 T7 DrwNo: 099.21.0919.33140 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.004 D - - HORZ(TL): 0.008 D - - Creep Factor: 2.0 Max TC CSI: 0.337 Max BC CSI: 0.251 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 335 /- /- /232 /3 /91 D 90 /- /- /52 /- /- C 129 /- /- /83 /46 /- 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.
Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #0728

04/09/2021

****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. Refer to job's General Notes page for additional information.

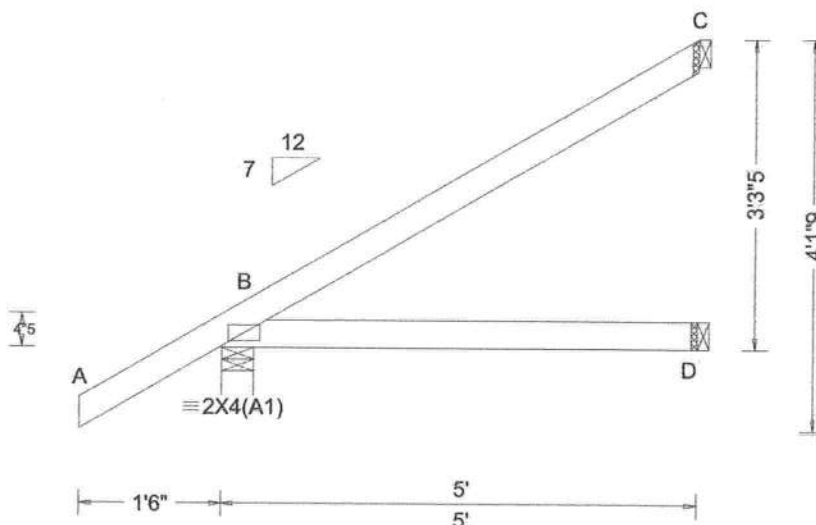
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6750 Forum Drive
Suite 305
Orlando FL, 32821

SEQN: 367576 FROM: CDM	JACK Qty: 5	Ply: 1	Job Number: 21-5392 64 Oaks Truss Label: J03	Cust: R 215 JRef: 1X4e2150005 T36 Dwno: 099.21.0919.31263 KD / WHK 04/09/2021
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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 7-16 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&G Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.004 D - - HORZ(TL): 0.008 D - - Creep Factor: 2.0 Max TC CSI: 0.376 Max BC CSI: 0.251 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 335 /- /- /232 /34 /127 D 90 /- /- /52 /- /- C 129 /- /- /83 /71 /- 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.
Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #0278
04/09/2021

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IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

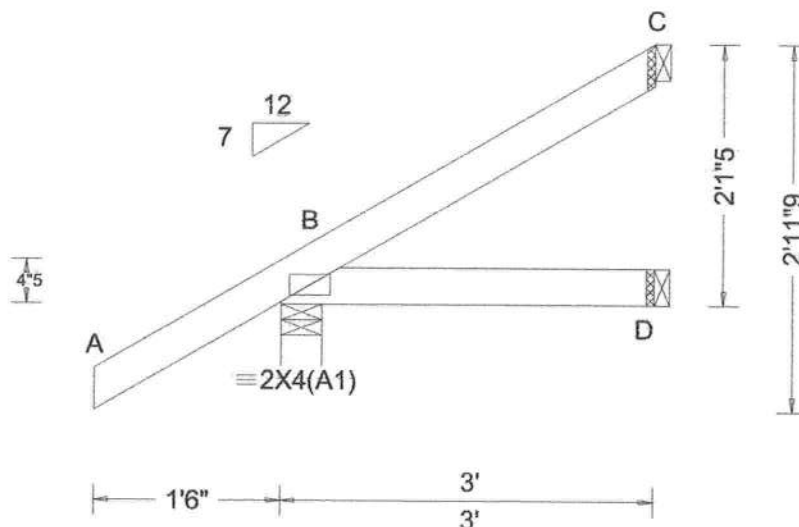
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information.

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

SEQN: 367592 FROM: CDM	JACK	Ply: 1 Qty: 7	Job Number: 21-5392 64 Oaks Truss Label: J04	Cust: R 215 JRef: 1X4e2150005 T5 Dwno: 099.21.0919.28790 KD / WHK 04/09/2021
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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 7-16 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 G&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.232 Max BC CSI: 0.076 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL B 265 /- /- /192 /36 /86 D 50 /- /- /32 /- /- C 63 /- /- /38 /38 /- 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.
Wind loading based on both gable and hip roof types.

Additional Notes

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



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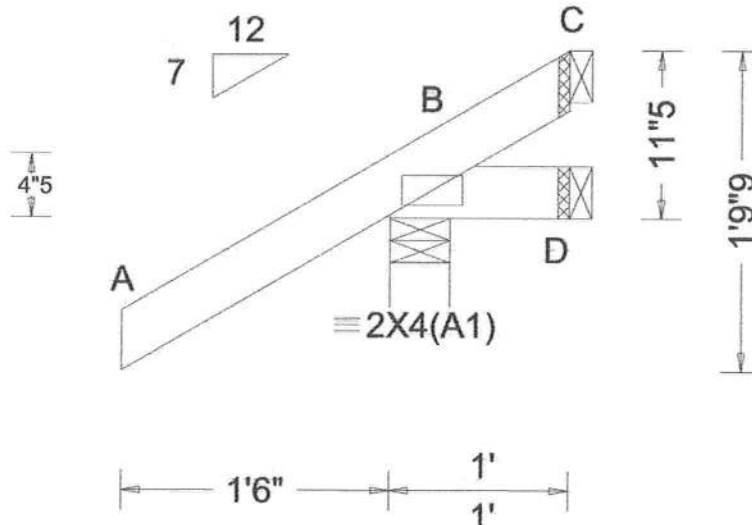
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SEQN: 367564 FROM: CDM	JACK Qty: 8	Ply: 1 Qty: 8	Job Number: 21-5392 64 Oaks Truss Label: J05	Cust: R215 JRef: 1X4e2150005 T6 DrwNo: 099.21.0919.20347 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind 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 7-16 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&G Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.300 Max BC CSI: 0.038 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 257 /- /- /207 /62 /44 D 5 /-17 /- /15 /16 /- C - /-55 /- /35 /55 /- 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.
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-11-5.



COA #0228

04/09/2021

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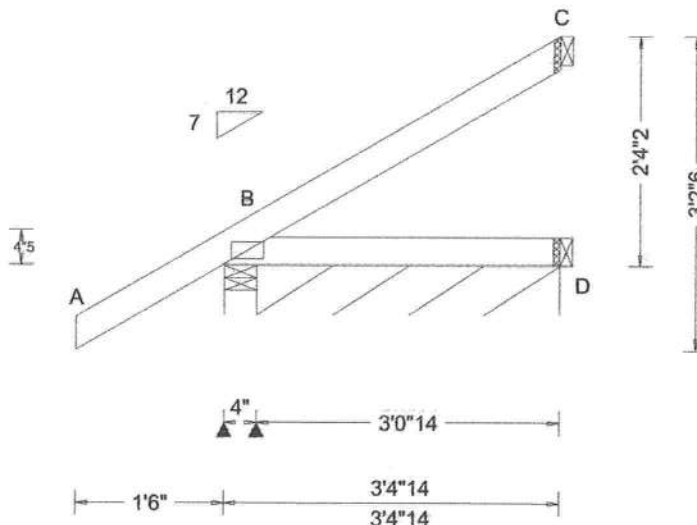
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SEQN: 367613 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: J06	Cust: R 215 JRef: 1X4e2150005 T43 Dwno: 099.21.0919.17873 KD / WHK 04/09/2021
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Loading Criteria (psf)	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 7-16 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 G&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.000 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.300 Max BC CSI: 0.040 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 258 /- /- /184 /37 /94 D* 25 /- /- /20 /1 /- D 24 /- /- /13 /- /- C 74 /- /- /45 /46 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 D Brg Width = 36.9 Min Req = - D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearings B & B are a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 24'-2".



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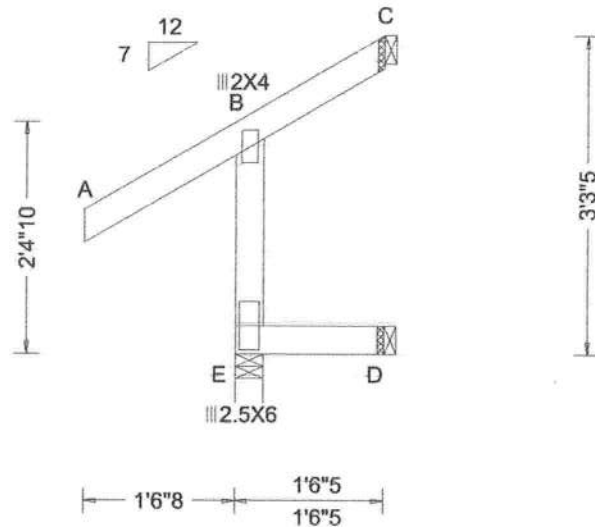
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Orlando FL, 32821

SEQN: 367610 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: J07	Cust: R215 JRef: 1X4e2150005 T53 DrwNo: 099.21.0919.15810 KD / WHK 04/09/2021
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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 7-16 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 GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.246 Max BC CSI: 0.028 Max Web CSI: 0.097 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 221 /- /- /195 /76 /- D 31 /- /- /15 /- /- C - /-4 /- /47 /47 /56 Wind reactions based on MWFRS E Brg Width = 3.5 Min Req = 1.5 D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

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



COA #0228
04/09/2021

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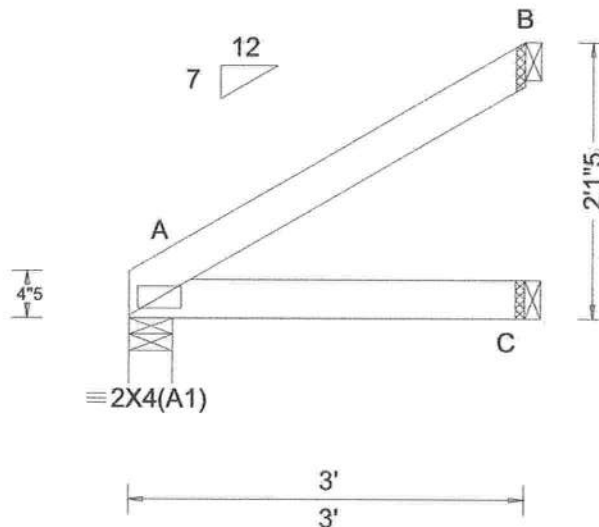
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Suite 305
Orlando FL, 32821

SEQN: 367604 FROM: CDM	JACK Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: J08	Cust: R 215 JRef: 1X4e2150005 T3 DrwNo: 099.21.0919.14067 KD / WHK 04/09/2021
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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 BCCL: 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 7-16 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: 0 to h/2 C&G Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.135 Max BC CSI: 0.093 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 131 /- /- /81 /- /60 C 55 /- /- /33 /- /- B 82 /- /- /55 /45 /- Wind reactions based on MWFRS A Brg Width = 4.0 Min Req = 1.5 C Brg Width = 1.5 Min Req = - B Brg Width = 1.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

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

Additional Notes

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



COA #0278

04/09/2021

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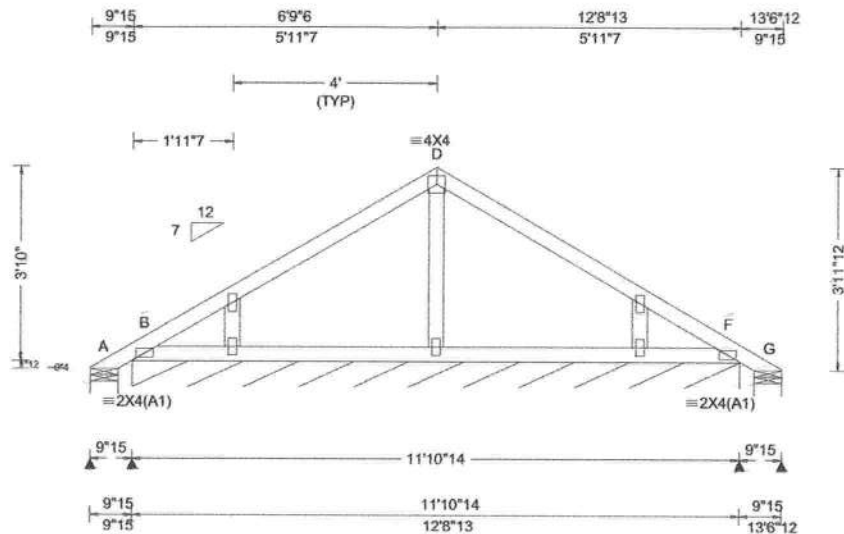
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SEQN: 367562 FROM: CDM	GABL Qty: 5	Ply: 1 Qty: 5	Job Number: 21-5392 64 Oaks Truss Label: PB01	Cust: R 215 JRef: 1X4e2150005 T52 DrwNo: 099.21.0919.10600 KD / WHK 04/09/2021
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Loading Criteria (psf)	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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.40 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h G&C Dist a: 3.00 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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 D 999 240 VERT(CL): 0.001 D 999 180 HORZ(LL): 0.001 E - - HORZ(TL): 0.001 E - - Creep Factor: 2.0 Max TC CSI: 0.236 Max BC CSI: 0.069 Max Web CSI: 0.053 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 32 /- /- /65 /46 /104 B* 68 /- /- /50 /7 /- G 32 /- /- /25 /7 /- Wind reactions based on MWFRS A Brg Width = 6.5 Min Req = 1.5 B Brg Width = 142 Min Req = - G Brg Width = 6.5 Min Req = 1.5 Bearings A, B, & G 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 except as noted.

Loading

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

Purlins

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

Wind

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

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.
Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 12-1.8.



COA #0378

04/09/2021

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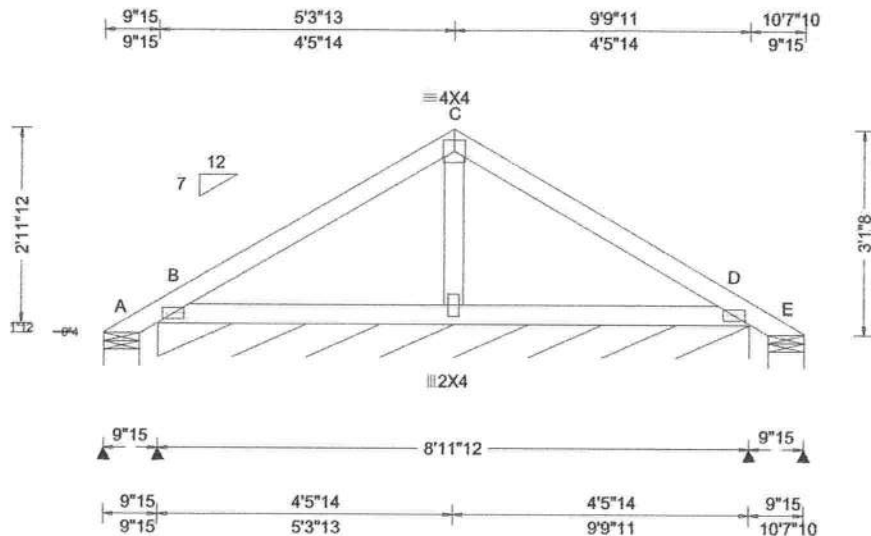
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Suite 305
Orlando FL, 32821

SEQN: 367595 FROM: CDM	GABL Qty: 2	Ply: 1 Qty: 2	Job Number: 21-5392 64 Oaks Truss Label: PB02	Cust: R 215 JRef: 1X4e2150005 T51 DrwNo: 099.21.0919.08573 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Def/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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.40 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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 F 999 240 VERT(CL): 0.003 F 999 180 HORZ(LL): -0.001 F - - HORZ(TL): 0.003 F - - Creep Factor: 2.0 Max TC CSI: 0.229 Max BC CSI: 0.095 Max Web CSI: 0.027 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-96 /- /80 /116 /78 B* 97 /- /- /64 /16 /- E - /-96 /- /41 /78 /- Wind reactions based on MWFRS A Brg Width = 6.5 Min Req = 1.5 B Brg Width = 107 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.

Loading

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

Purlins

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

Wind

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

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.
Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 12-1-8.



COA #0278
04/09/2021

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

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

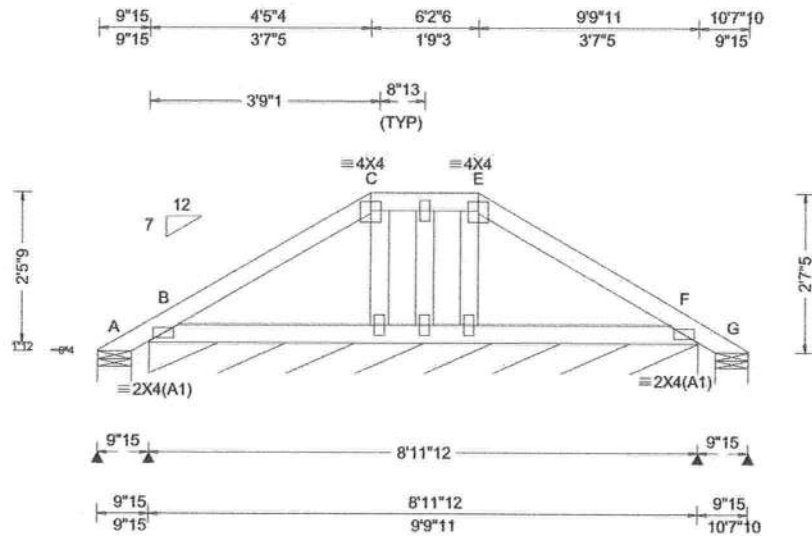
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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

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

SEQN: 367622 FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: PB03	Cust: R 215 JRef: 1X4e2150005 T56 DrwNo: 099.21.0919.06537 KD / WHK 04/09/2021
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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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.14 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h G&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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 H 999 240 VERT(CL): 0.002 H 999 180 HORZ(LL): -0.001 H - - HORZ(TL): 0.002 H - - Creep Factor: 2.0 Max TC CSI: 0.147 Max BC CSI: 0.055 Max Web CSI: 0.017 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-48 /- /53 /71 /64 B* 87 /- /- /57 /13 /- G - /-48 /- /21 /39 /- Wind reactions based on MWFRS A Brg Width = 6.5 Min Req = 1.5 B Brg Width = 107 Min Req = - G Brg Width = 6.5 Min Req = 1.5 Bearings A, B, & G 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 except as noted.

Loading

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

Purlins

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" oc, all BC @ 24" oc.

Wind

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

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.
Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 11-7.5.



COA #0278
04/09/2021

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

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

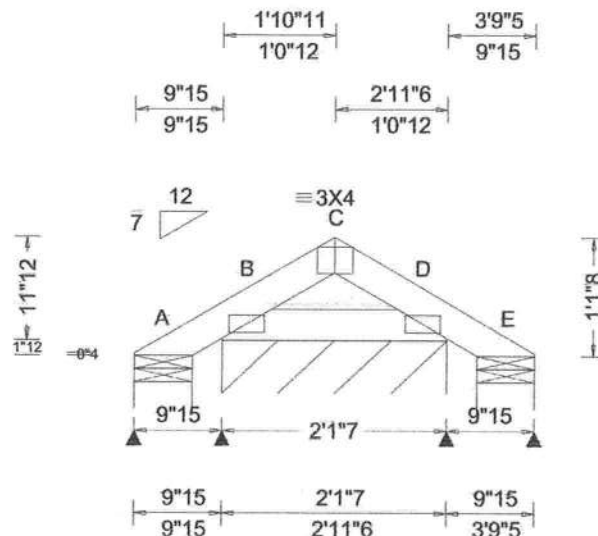
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

SEQN: 367581 FROM: CDM	GABL Qty: 1	Ply: 1 Qty: 1	Job Number: 21-5392 64 Oaks Truss Label: PB04	Cust: R 215 JRef: 1X4e2150005 T47 DrwNo: 099.21.0919.04460 KD / WHK 04/09/2021
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Def/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCCL: 10.00 BCCL: 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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.40 ft TCCL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&G Dist a: 3.00 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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): 0.000 C 999 240 VERT(CL): 0.000 C 999 180 HORZ(LL): 0.000 - - HORZ(TL): 0.000 - - Creep Factor: 2.0 Max TC CSI: 0.010 Max BC CSI: 0.014 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 20 /- /- /22 /8 /26 B* 84 /- /- /62 /7 /- E 20 /- /- /18 /5 /- Wind reactions based on MWFRS A Brg Width = 6.5 Min Req = 1.5 B Brg Width = 25.4 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;

Plating Notes

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

Purlins

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 12'-1-8.



COA #0248
04/09/2021

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

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

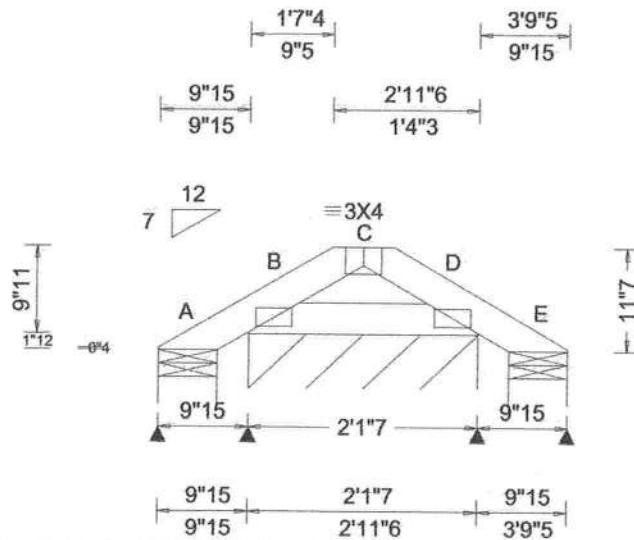
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

SEQN: 367609 FROM: CDM	GABL Qty: 1	Ply: 1 Job Number: 21-5392 64 Oaks Truss Label: PB05	Cust: R215 JRef: 1X4e2150005 T55 DrwNo: 099.21.0931.49383 KD / WHK 04/09/2021
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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 TCCL: 10.00 BCCL: 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 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.74 ft TCCL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 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 C 999 240 VERT(CL): 0.000 C 999 180 HORZ(LL): 0.000 - - HORZ(TL): 0.000 - - Creep Factor: 2.0 Max TC CSI: 0.009 Max BC CSI: 0.013 Max Web CSI: 0.000 VIEW Ver: 20.01.01A.0724.11	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 20 /- /- /19 /7 /22 B* 84 /- /- /59 /4 /- E 20 /- /- /18 /5 /- Wind reactions based on MWFRS A Brg Width = 6.5 Min Req = 1.5 B Brg Width = 25.4 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;

Plating Notes

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

Purlins

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

Wind

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

Additional Notes

Refer to DWG PB160160118 for piggyback details.
The overall height of this truss excluding overhang is 11-11-7.



COA #0278

04/09/2021

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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. Refer to job's General Notes page for additional information.

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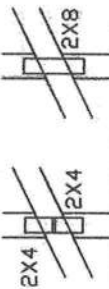
Diagram illustrating the vertical dimensions and member types for a gable roof truss. The diagram shows a cross-section of the truss with various members labeled with symbols: '+' for top chord members, '*' for bottom chord members, and 'x' for web members. The vertical dimension is labeled 'Gable Vertical Length by.' and is shown as the height from the base to the peak. The diagram also includes a note 'Sym. About' indicating symmetry.

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

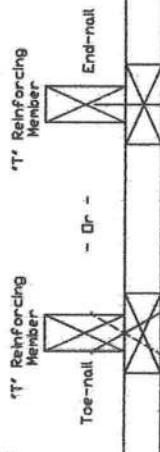
- ⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

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

Example:



'T' Reinforcement Attachment Detail



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

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

Web Length Increase w/ "T" Brace

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

Example:

ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, Kzt = 1.00
Gable Vertical = 24" oc. SP #3
T Reinforcing Member Size = 2x4
T Brace Increase (from Above) = 30% = 1.30
(1) 2x4 "L" Brace Length = 8' 7"
Maximum *T* Reinforced Gable Vertical Length
1.30 x 8' 7" = 11' 2"

Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:
10d Common (0.148" x 3.0" min) Nails at 4" o.c. plus
(4) nails in the top and bottom chords.

Toenailed Nails:

(4) toenails in the top and bottom chords.

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

ASCE 7-05 Gable Detail Drawings

A13015051014, A12015051014, A11015051014, A10015051014, A14015051014.

A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

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

ASCE 7-10 & ASCE 7-16 Code Detail Drawings
A1515ENC100118, A12015ENC100118, A14015ENC100118, A16015ENC100118

A18015ENC100I18. A20015FND100I18. A20015PFD100I18.
A16015ENC100I18. A14015ENC100I18. A16015ENC100I18.

A11530ENC100118 A12030ENC100118 A14030ENC100118 A16030ENC100118
A18030ENC100118 A20030ENC100118 A22030ENC100118 A24030ENC100118
A26030ENC100118 A28030ENC100118 A30030ENC100118 A32030ENC100118
A34030ENC100118 A36030ENC100118 A38030ENC100118 A40030ENC100118
A42030ENC100118 A44030ENC100118 A46030ENC100118 A48030ENC100118
A50030ENC100118 A52030ENC100118 A54030ENC100118 A56030ENC100118
A58030ENC100118 A60030ENC100118 A62030ENC100118 A64030ENC100118
A66030ENC100118 A68030ENC100118 A70030ENC100118 A72030ENC100118
A74030ENC100118 A76030ENC100118 A78030ENC100118 A80030ENC100118
A82030ENC100118 A84030ENC100118 A86030ENC100118 A88030ENC100118
A90030ENC100118 A92030ENC100118 A94030ENC100118 A96030ENC100118
A98030ENC100118 A100030ENC100118

A11530ENC100118, A12030ENC100118, A14030ENC100118, A16030ENC100118,
A18030ENC100118 A20030ENC100118 A20030ENC100118 A20030ENC100118

A1B030ENC100118, A20030ENC100118, A2030END100118, A20030PED100118, S11515ENC100118, S12015ENC100118, S14015ENC100118, S16015ENC100118

SI13ISENC100118, SI20ISENC100118, SI140ISENC100118, SI60ISENC100118,
SI80ISENC100118, SI200ISENC100118, SI200ISENTD100118, SI200ISENTH100118

S18U1SENC100I1B, S20U1SENC100I1B, S19U1SENC100I1B,
S11E30ENC100I1B S12020ENC100I1B S14020ENC100I1B
S17000ENC100I1B

S1I530ENC100118, S12030ENC100118, S14030ENC100118, S16030ENC100118,
S18030ENC100118

See appropriate Alpine gable detail for maximum length or Gable slope vertical length.

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Glulam Companion for a complete, by TPI and BCSI, Fabrication and Installation Manual. Truss installers shall follow the following practices prior to performing these functions:

- Trusses shall be stored on a flat, level surface.
- Unless noted otherwise, top chord shall have properly attached structural sheathing or girders.
- Unless noted otherwise, bottom chord shall have a properly attached cold ceiling.
- Locations shown for permanent lateral restraint will be bracing installed per BCSI sections 23, 27 or 310, as applicable.
- Apply plates to each end of the truss and position as shown above on the Joint Details, unless noted otherwise.

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

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For more information see this job's general notes page and these web sites:
www.albionet.com www.tolnet.com www.sbfai.com www.euroindustry.com www.bccw.co.uk

REF LET-IN VERT

DATE 01/02/2018

DRWG GBLLETIN0118

MAX. TOT. LD. 60 PSF

DUR.	FAC.	ANY
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100	100	100

MAX. SPACING 24.0"

ALPINE
AN ITW COMPANY

514 Earth City Expressway
Suite 242
Earth City, MO 63045

Earth City, MO 63045

Gable Stud Reinforcement Detail

ASCE 7-16: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 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

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

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(Ø)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(Ø)

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

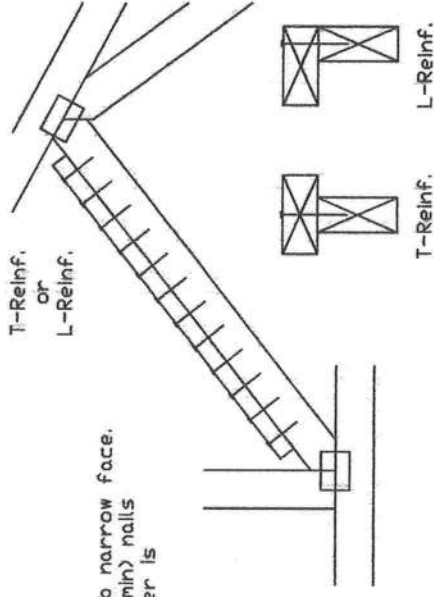
Ø Center scab on wide face of web. Apply (1) scab to each face of web.

T-Reinforcement

or

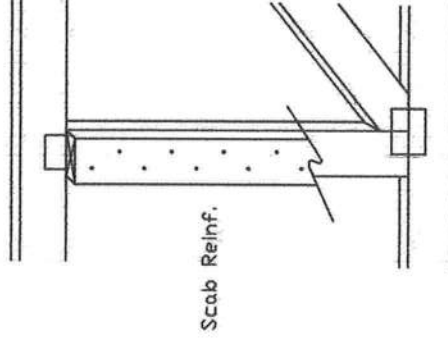
L-Reinforcement:

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.



INSTALLERS MUST READ AND FOLLOW ALL NOTES ON THIS DRAWING. INSTALLERS MUST FURNISH 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 BCSI Guiding Component Safety Information, BCSI and Scab for details. Unless noted otherwise, top chord shall have properly attached structural bracing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs of trusses and bracing shall be installed per BCSI sections 15, 17 or 20, as applicable. Apply plates to each end of truss and bracing. Refer to drawings 15M-2 for standard plate positions. Refer to drawings 15M-2 for standard plate positions. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviations from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The authority and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec2. For more information see this job's general notes page and these web sites: ALPINE: www.alpinecorp.com TPI: www.tpi.org BCSI: www.bcsigroup.com ID: www.bcsisafe.org

ALPINE
AN ITW COMPANY
514 Earth City Expressway
Suite 242
Earth City, MO 63045

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



Job Name: 64 Oaks
Customer: Gibraltar Contr.
Designer: Chris McCall
ADDRESS:
SALESMAN: DB
<Not Found>

JOB #: 21-5392

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

DATE: 4/8/21

NOTES:
1. FRONT ELEVATION SHOWS 8' HEIGHT. FLOOR PLAN
SHOWS 10' C/L. PLANE LINES MATCH TO 5' C/L HERE.

