



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

Site Information:

Customer: W. B. Howland Company, Inc.

Job Number: 19-3541

Job Description: /Streer-Lot 4 Wilson PLace /Gibraltor Contr.

Address: FL

Job Engineering Criteria:			
Design Code: FBC 2017 RES	IntelliVIEW Version: 18.02.01B		
	JRef #: 1WOT2150002		
Wind Standard: ASCE 7-10 Wind Speed (mph): 130	Roof Load (psf): 20.00-10.00- 0.00-10.00		
Building Type: Closed	Floor Load (psf): None		

This package contains general notes pages, 71 truss drawing(s) and 4 detail(s).

68 A01 27 A03
P7 A03
96 A05
52 AO7 COUNTY R
52 A07 COUNTY RUSS 33 B03 S ROS COUNTY RUSS 36 B05
63 B03 S CON CONTROL OF THE CONTROL
10 200
60 B07
9 B09 2 Com Cogo
9 B09 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
6 B13
35 B15
05 B17
6 B19
9 B21
95 B23
3 C02
7 C04
2 J02
5 J04
7 J06
4 J08
3 J10
8 J12
3 J14
7 J16

Item	Seal#	Truss
2	268.19.1336.22099	A02
4	268.19.1336.22396	A04
6	268.19.1336.22381	A06
8	268.19.1336.22832	A08
10	268.19.1400.22333	B02
12	268.19.1336.23239	B04
14	268.19.1336.22538	B06
16	268.19.1336.22317	B08
18	268.19.1336.22412	B10
20	268.19.1336.23222	B12
22	268.19.1336.22318	B14
24	268.19.1336.23131	B16
26	268.19.1336.23301	B18
28	268.19.1336.22926	B20
30	268.19.1336.23191	B22
32	268.19.1336.22880	C01
34	268.19.1336.22458	C03
36	268.19.1400.59507	J01
38	268.19.1336.22101	J03
40	268.19.1336.21928	J05
42	268.19.1336.22116	J07
44	268.19.1336.22397	J09
46	268.19.1336.23020	J11
48	268.19.1336.22617	J13
50	268.19.1336.22473	J15
52	268.19.1336.23066	J17





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Site information:	Page 2:	
Customer: W. B. Howland Company, Inc.	Job Number: 19-3541	
Job Description: /Streer-Lot 4 Wilson PLace /Gibraltor Contr.		
Address: FL		

item	Seal #	Truss
53	268.19.1336.22272	J18
55	268.19.1336.22770	J20
57	268.19.1336.21943	J22
59	268.19.1336.22645	J24
61	268.19.1336.22958	J26
63	268.19.1336.22083	J28
65	268.19.1336.22615	J30
67	268.19.1336.23300	J32
69	268.19.1336.22910	M02
71	268.19.1336.22677	V02
73	BRCLBSUB0119	
75	VAL160101014	

Item	Seal#	Truss
54	268.19.1336.22646	J19
56	268.19.1336.22988	J21
58	268.19.1336.22708	J23
60	268.19.1336.21897	J25
62	268.19.1336.23176	J27
64	268.19.1336.22537	J29
66	268.19.1336.22146	J31
68	268.19.1336.22506	M01
70	268.19.1336.22740	V01
72	A14015ENC10101 4	
74	GBLLETIN0118	

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 AF&PA. 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.

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.

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

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.

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 immediate vertical Deflection, 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(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. AF&PA: American Forest & Paper Association, 1111 19th Street, NW, Suite 800, Washington, DC 20036; www.afandpa.org.
- 2. ICC: International Code Council; www.iccsafe.org.
- 3. Alpine, a division of ITW Building Components Group Inc.: 13723 Riverport Drive, Suite 200, Maryland Heights, MO 63043; www.alpineitw.com.
- 4. TPI: Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, VA 22314; www.tpinst.org.
- 5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.co

SEQN: \$16534 / GABL Ply: 1 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T23 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268 19 1336.23068 Truss Label: A01 09/25/2019 影 (NNL) (NNL) ▲ Maximum Reactions (lbs), or *=PLF Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Non-Gravity Wind Std: ASCE 7-10 Ct: NA CAT: NA PP Deflection in loc L/defl L/# Gravity TCLL: 20.00 Pa: NA Speed: 130 mph R+ /R / Rw / U /RL TCDL: 10.00 Pf: NA VERT(LL): 0.001 X 999 240 Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.002 X 999 180 N* 89 /-/-/45 /9 Risk Category: II HORZ(LL): -0.001 G BCDL: 10.00 Snow Duration: NA Wind reactions based on MWFRS EXP: C Kzt: NA HORZ(TL): 0.002 G N Brg Width = 264 Min Req = -Des Ld: 40.00 Mean Height: 15.00 ft Bearing B is a rigid surface. Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf

Bldg Code: FBC 2017 RES

TPI Std: 2014

Rep Fac: Yes

Plate Type(s):

WAVE

FT/RT:20(0)/10(0)

Lumber

Soffit:

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:

2.00

Load Duration: 1,25

Spacing: 24.0 "

Plating Notes

All plates are 2X4 except as noted.

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

BCDL: 5.0 psf

C&C Dist a: 3.00 ft

Wind Duration: 1.60

Loc. from endwall: Any GCpi: 0.18

MWFRS Parallel Dist: 0 to h/2

Additional Notes

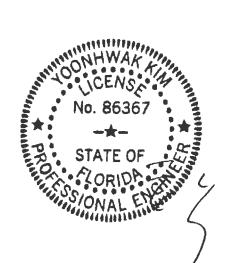
Refer to General Notes for additional information

Truss has been designed for vertical in-plane loads only. Any lateral/horizontal wind loads shall be transferred into the roof and ceiling diaphragms. Connection and design of these systems is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

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

The overall height of this truss excluding overhang is

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



Max TC CSI: 0.189

Max BC CSI: 0.067

Max Web CSI: 0.085

VIEW Ver: 18.02.01B.0321.08

#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWINGI
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 structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

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

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Members not listed have forces less than 375#

Cust: R R215 JRef: 1WQT2150002 T8 / SEQN: 516435 / COMN Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 3 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268,19,1336,22099 / YK 09/25/2019 Truss Label: A02 16'3"3 5'8"13 5'3"3 5'3"3 5'8"13 =4X4 % 2X4 475 =3X4 =3X4(A1) 22 7'0"5 F 1'6" → + 1'6" -7'5"14 14'6"2 22' Loading Criteria (psf) Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (Ibs) Wind Criteria Non-Gravity Wind Std: ASCE 7-10 Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# /R /Rw /U /RL Loc Speed: 130 mph VERT(LL): 0.047 H 999 240 TCDL: 10.00 Pf: NA Ce: NA Enclosure: Closed Lir NA Cs: NA VERT(CL): 0.088 H 999 180 /175 /209 BCLL: 0.00 В 1032 1-/573 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.020 H 1032 /-/-/573 /175 /-EXP: C Kzt: NA Wind reactions based on MWFRS HORZ(TL): 0.036 H Des Ld: 40.00 Mean Height: 15.00 ft Brg Width = 6.0 Min Req = 1.5 Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Brg Width = 6.0 Min Req = 1.5 Bldg Code: FBC 2017 RES Max TC CSI: 0.270 Soffit: 2.00 BCDL: 5.0 psf Bearings B & F are a rigid surface. TPI Std: 2014 Max BC CSI: 0.617 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Members not listed have forces less than 375# Rep Fac: Yes Max Web CSI: 0.196 Spacing: 24.0 " C&C Dist a: 3.00 ft Maximum Top Chord Forces Per Ply (lbs) FT/RT:20(0)/10(0) Loc. from endwall: Any Chords Tens.Comp. Chords Tens. Comp. Plate Type(s): GCpi: 0.18

Lumber

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

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

Wind Duration: 1.60

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

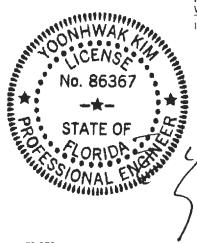
B-C 383 - 1440 D-E 418 - 1291 VIEW Ver: 18.02.01B.0321.08 C-D 419 - 1289 E-F 382 - 1443

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

B - I H-F 1177 - 221 1175 - 212 I - H 800 -58

Maximum Web Forces Per Ply (lbs) Webs Tens. Comp. Webs Tens.Comp.

D-H 514 - 158 509 - 159



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WAVE

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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.

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

SEQN: 516429 / Ply: 1 Cust R R215 JRef 1WOT2150002 T24 / COMN Job Number: 19-3541 FROM: CDM Qty: 4 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22227 / YK 09/25/2019 Truss Label: A03 5'8"13 16'3"3 5'8"13 5'3"3 5'8"13 5'3"3 = 4X4 D ₩ 2X4 4"5 G = 3X4 H =5X5 22' 7'5"14 7'0"5 7'5"14 14'6"2 Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs) Wind Criteria

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 Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

PP Deflection in loc L/defl L/# VERT(LL): 0.047 H 999 240 VERT(CL): 0.087 H 999 180 HORZ(LL): 0.020 G HORZ(TL): 0.037 G Creep Factor: 2.0 Max TC CSI: 0.292 Max BC CSI: 0.627

Max Web CSI: 0.204 VIEW Ver: 18.02.01B.0321.08

Gravity Non-Gravity /RL Loc R+ / R-/Rh /Rw / U В 1036 /-/-/573 /177 /192 /491 /148 931 /-/-/-Wind reactions based on MWFRS Brg Width = 6.0 Min Req = 1.5Brg Width = 6.0 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. D-F 343 - 1312 B-C 291 - 1448

307 - 1463 326 - 1296 C - D E-F

Chords Chords Tens, Comp. Tens. Comp. 1182 - 189 1200 H-G 807 -64

Maximum Bot Chord Forces Per Ply (lbs)

Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	comp.	Webs	Tens.	Comp.
H-D	508	- 116	D-G	535	- 125

Lumber

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

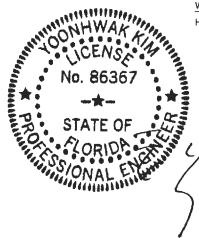
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 6-9-5.



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

COMN Ply: 1 SEON: 516424 / Cust R R215 JRef 1WOT2150002 T25 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr DrwNo: 268.19.1336.22396 Truss Label: A04 / YK 09/25/2019 5'8"13 21'10" 16'3"3 5'8"13 5'3"3 5'3"3 5'6"13 == 4X4 D **₩.**2X4 5-7 475 H ≃5X5 G =3X4 21'10" 7'5"14 7'0"5 7'3"14 1'6" -7'5"14 14'6"2 21'10" ▲ Maximum Reactions (Ibs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Non-Gravity Wind Std: ASCE 7-10 Gravity PP Deflection in loc L/defl L/# TCLL: 20.00 Pa: NA Ct: NA CAT: NA Loc R+ /Rw /U /RL Speed: 130 mph TCDL: Pf: NA VERT(LL): 0.040 G 999 240 10.00 Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.079 G 999 180 В 974 /-/-/570 /17 /190 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.017 G 869 /-/-/486 /9 /-EXP: C Kzt: NA HORZ(TL): 0.033 G Wind reactions based on MWFRS Des Ld: 40.00 Mean Height: 15.00 ft Brg Width = 6.0 Min Req = 1.5Code / Misc Criteria Creep Factor: 2.0 **NCBCLL: 10.00** TCDL: 5.0 psf Brg Width = 4.0 Min Req = 1.5 Bldg Code: FBC 2017 RES Max TC CSI: 0.277 Soffit: 2.00 BCDL: 5.0 psf Bearings B & F are a rigid surface. Max BC CSI: 0.604 TPI Std: 2014 Load Duration: 1.25 MWFRS Parallel Dist: h to 2h Members not listed have forces less than 375# Rep Fac: Yes Max Web CSI: 0.170 Spacing: 24.0 " C&C Dist a: 3.00 ft Maximum Top Chord Forces Per Ply (lbs) FT/RT:20(0)/10(0) Loc. from endwall: not in 9.00 ft

Lumber

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

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

GCpi: 0.18

Wind Duration: 1.60

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 6-9-5.

VIEW Ver. 18.02.01B.0321.08

Chords Tens.Comp. Chords Tens. Comp. B-C 289 - 1318 D-E 336 - 1158 C-D 324 - 1167 E-F 300 - 1310

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

B - H 1072 - 189 G-F 1062 - 190 H-G -65 724

Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	vvebs	rens. (comp.
H-D	447 - 117	D-G	432	- 118



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Plate Type(s):

WAVE

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

COMN Ply: 1 SEQN: 516478 / Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T26 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22896 09/25/2019 Truss Label: A05 / YK 11'10"9 16'10"5 21'10" 6'2"1 4'11"11 5'8"8 4'11"11 =4X6 112X4 =3X4 7 12 45 =4X8 II 2X4 =5X5 6'2"1 5'8"8 4'11"11 4'11"11 6'2"1 11'10"9 16'10"5 21'10'

Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.035 J 999 240	▲ Maximum Reactions (It Gravity Loc R+ / R- / Rh	Non-Gravity / Rw / U / RL
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	VERT(CL): 0.068 J 999 180 HORZ(LL): 0.013 H HORZ(TL): 0.025 H Creep Factor: 2.0	B 980 /- /- G 863 /- /- Wind reactions based on M B Brg Width = 6.0 G Brg Width = 4.0 Bearings B & G are a rigid Members not listed have for Maximum Top Chord For Chords Tens.Comp.	Min Req = 1.5 Min Req = 1.5 surface. orces less than 375#
Lumbar	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 18.02.01B.0321.08		D - E 154 - 501 E - F 153 - 500

Lumber

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

(a) Continuous lateral restraint equally spaced on member.

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

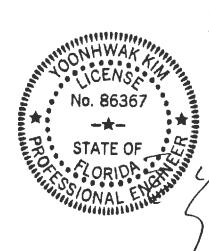
Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 7-3-7.



Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. B-J 1076 - 357 685 - 222 J - I 1074 - 357

Maximum Web Forces Per Ply (lbs)

C - I 161 - 465 H - F 863 - 265 D - I 398 - 72 F - G 278 - 823	VVCDO	TOTIO.C	Joinp.	VVCD3	I CIIS.	Comp.
D : 000 12 : 0 270 020	C - I D - I			H-F F-G		

#0-278 09/25/2019

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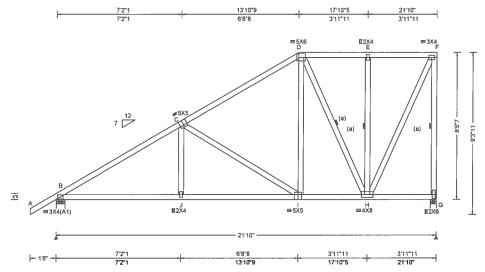
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 516450 / COMN Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T27 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22381 / YK 09/25/2019 Truss Label: A06



Coading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft	Snow Criteria Pg: NA Ct: I Pf: NA Lu: NA Cs: Snow Duration
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	TCDL: 5.0 psf BCDL: 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	Code / Misc C Bldg Code: FE TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10 Plate Type(s):

Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)				
Pg: NA	Ct: NA	CAT: NA	F	
Pf: NA		Ce: NA	١	
Lu: NA	Cs: NA		١	
Snow Duration: NA				
			ŀ	

Code / Misc Criteria
Bldg Code: FBC 2017 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): 0.036 J 999 240 VERT(CL): 0.070 J 999 180 HORZ(LL): 0.013 C HORZ(TL): 0.025 C Creep Factor: 2.0 Max TC CSI: 0.506 Max BC CSI: 0.619 Max Web CSI: 0.706

VIEW Vec	18.02.01B.0321.08

	▲ M	axim	um Rea	actions (l	bs)			
		0	Gravity		No	n-Grav	/ity	
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/RL	
)	В	980	<i>I</i> -	/-	/639	/44	/171	
	G	863	/-	/-	/504	/147	/-	
	Win	d rea	ctions b	ased on I	MWFRS			
	В	Brg \	Vidth =	6.0	Min Re	q = 1.5		
	G	Brg \	Vidth =	4.0	Min Re	q = 1.5		
	Bea	rings	B&Ga	are a rigid	surface.			
	Men	nbers	not list	ed have f	orces less	than 3	375#	
	Max	imun	n Top C	Chord Fo	rces Per	Ply (lb:	s)	
	Cho	rds '	Tens.Co	omp.	Chords	Tens.	Comp.	

Lumber

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

(a) Continuous lateral restraint equally spaced on

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

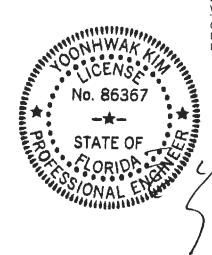
Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



Maximum Bot Chord Forces Per Ply (lbs)

Chords	rds Tens.Comp. Chords		Tens. Comp.		
B - J	1038 - 346	I - H	554	- 184	

C-D

158 - 752

Maximum Web Forces Per Ply (lbs)

197 - 1298

B-C

Webs	Tens.C	Comp.	Webs	Ťens.	Comp.
C - I	193	- 572	H-F	811	- 258
1 - D	448	- 86	F-G	285	- 829
D - H	162	- 454			

#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

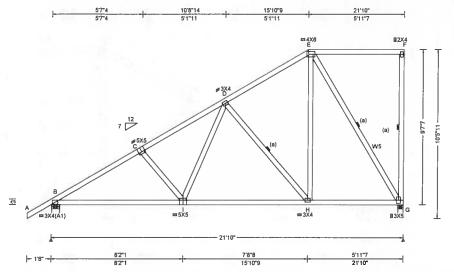
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SEQN: 516416 / Ply: 1 Cust: R R215 JRef: 1WOT2150002 T28 / COMN Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr DrwNo: 268.19.1336.22052 Truss Label: A07 / YK 09/25/2019



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 Dur	ation: 1.25
Spacing:	24.0 "

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.036 1 999 240 VERT(CL): 0.071 I 999 180 HORZ(LL): 0.014 G HORZ(TL): 0.027 G Creep Factor: 2.0 Max TC CSI: 0.658 Max BC CSI: 0.709 Max Web CSI: 0.410

VIEW Ver: 18.02.01B.0321.08

A M	laxim	num Rea	ctions	(lbs)		
		Gravity		No	on-Gra	vity
Loc	R+	/ R-	/Rh	/ Rw	/ U	/RL
В	980	1-	1-	/643	/28	/193
G	863	1-	1-	/524	/141	/-
Wind reactions based on MWFRS						
В	Brg	Width =	6.0	Min Re	q = 1.5	5
G	Brg	Width =	4.0	Min Re	q = 1.5	5
Bea	rings	B&G a	re a rigi	d surface.		
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
Cha	rds	Tens.Co	mp.	Chords	Tens.	Comp.
B - (C	166 -	1320	D-E	115	- 569

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W5 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

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

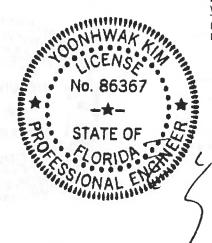
Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 9-7-7.



Maximum Bot Chord Forces Per Ply (lbs) Chords

Chords Tens.Comp. Tens. Comp. B - I 1074 - 369 409 - 134 I-H 763 - 265

Maximum Web Forces Per Ply (lbs)

177 - 1125

C-D

Webs Tens.Comp. Webs Tens. Comp. I-D 438 -75 586 D-H 204 - 554 E-G 249 -760

#0-278 09/25/2019

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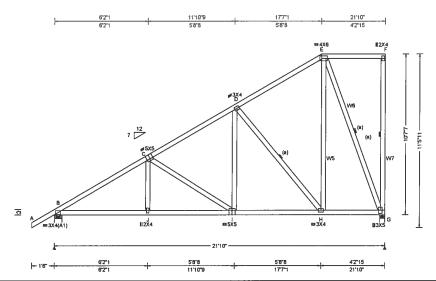
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Cust R R215 JRef 1WOT2150002 T29 / SEQN: 516473 / COMN Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22832 / YK 09/25/2019 Truss Label: A08



	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	os)
	TCLL: 20.00	Wind Std: ASCE 7-10	Pa: 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): 0.035 J 999 240	Loc R+ /R- /Rh	/Rw /U /R
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.070 J 999 180	B 980 /- /-	/645 /15 /21
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 G	G 863 / /-	/543 /135 /-
	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.028 G	Wind reactions based on M	/IWFRS
i	NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 6.0	Min Req = 1.5
	Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES		G Brg Width = 4.0	Min Req = 1.5
		BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.450	Bearings B & G are a rigid	surface.
	Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.424	Members not listed have fo	orces less than 375#
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	1 '	IVIAX VVED CSI. 0.424	Maximum Top Chord For	ces Per Ply (lbs)
		Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	1	Chords Tens.Comp. C	Chords Tens. Com
Į		GCpi: 0.18	Plate Type(s):		D C 424 4226 F	
ł		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	B - C 124 - 1326 E	D-E 72 -4

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W5, W6, W7 2x4 SP #2:

(a) Continuous lateral restraint equally spaced on member.

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

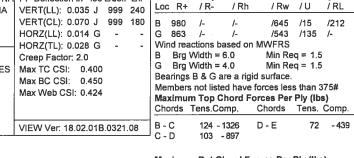
Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 10-7-7.



Maximum Bot Chord Forces Per Ply (Ibs)

Chords	Tens.C	ens.Comp. Chords		Tens. Comp.		
		- 356	I-H	693	- 236	
J - I	1068	- 357				

Maximum Web Forces Per Ply (lbs)

AACD2	16119.0	onip.	AACDS	i ciia.	Contrp.
C - I		-438	E-H		- 153
1 - D	415	-60	E-G	258	- 762
D - H	221	- 643			



09/25/2019

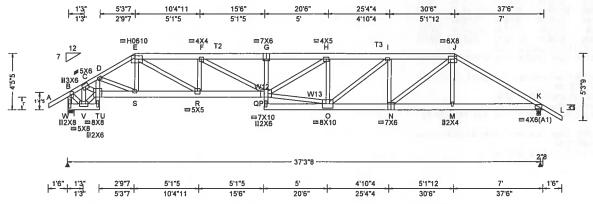
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SEQN: 516587 HIPS Ply: 2 Job Number: 19-3541 Cust R 215 JRef 1WOT2150002 T70 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268,19.1400.17920 Page 1 of 2 Truss Label: B01 / YK 09/25/2019 2 Complete Trusses Required 1'3 10'4"11 20'6" 30'6' 37'6" =H0610 =4¥4 =7X6 ≅4X5 =6X8 T2 T3



	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA
	BCDL: 10.00	Risk Category: II	Snow Duration: NA
	Des Ld: 40.00	EXP: C Kzt: NA	
	NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria
	Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES
	Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014
i	Spacing: 24.0 "	C&C Dist a: 3.75 ft	Rep Fac: No
		Loc. from endwall: NA	FT/RT:20(0)/10(0)
		GCni: 0.18	Plate Type(s):

Wind Criteria

Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria	
Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/defl	L/#
Pf: NA		Ce: NA	VERT(LL): 0.285 G 999	240
Lu: NA	Cs: NA		VERT(CL): 0.566 G 790	180
Snow Duration: NA			HORZ(LL): 0.103 M -	-
			HORZ(TL): 0.204 M -	-
Code / Misc Criteria			Creep Factor: 2.0	
Bldg Code: FBC 2017 RES			Max TC CSI: 0.408	
TPI Std: 2014			Max BC CSI: 0.324	
Rep Fac: No			Max Web CSI: 0.993	
FT/RT:20(0)/10(0)				
Plate Typ	e(s):			
WAVE, HS			VIEW Ver: 18.02.01B.0321.	80

▲ Maxin	num Rea	ctions (ibs)				
	Gravity		Non-Gravity				
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
W 354	6 /-	/-	/-	/858	/-		
K 354	9 /-	/-	/-	/852	/-		
Wind re	Wind reactions based on MWFRS						
W Brg	Width =	6.0	Min Re	q = 1.5	i		
K Brg	Width =	3.5	Min Re	q = 1.5			
Bearings	W & K	are a rigi	d surface.				
Member	s not list	ed have t	forces less	than 3	375#		
Maximu	m Top C	hord Fo	rces Per	Ply (lb	s)		
Chords	Tens.Co	omp.	Chords	Tens.	Comp.		
в-с	330 -	1383	G-H	1451	- 5966		
J C - D	930 -	3902	H - I	1065	- 4419		
D-E	795 -	3306	1 - J	929	- 3861		
E-F	1130 -	4680	J-K	756	- 3136		

Lumber

Top chord 2x4 SP #2 :T2, T3 2x6 SP 2400f-2.0E: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3 :W12, W13 2x4 SP #2:

Loading Criteria (psf)

Nailnote

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

Plating Notes

All plates are 3X4 except as noted.

Purlins

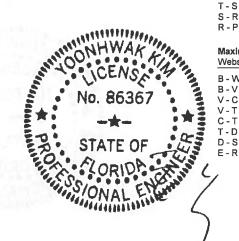
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wine

Wind loads and reactions based on MWFRS. Right cantilever is exposed to wind

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-5-5



 Maximum Web Forces Per Ply (lbs)

 Webs
 Tens. Comp.
 Webs
 Tens. Comp.

 B - W
 416 - 1699
 R - F
 319 - 1071

 B - V
 1445 - 341
 F - P
 1399 - 343

Maximum Bot Chord Forces Per Ply (lbs)

Chords

0 - N

N - M

M-K

Tens. Comp.

-946

-637

-637

3915

2682

2672

1461 - 6006

3426 - 817

2868 - 687

4787 - 1161

Chords Tens.Comp.

F-G

V-C 537 - 2237 P-H 1754 - 436 V - T 1668 - 393 P-0 4398 - 1060 C-T 2343 - 562 H-0 364 - 1239 T-D 556 - 117 0-1 660 - 156 D-\$ 141 -610 I - N 238 -753 E-R 2120 -518 N-J 1511 -374

#0-278 09/25/2019

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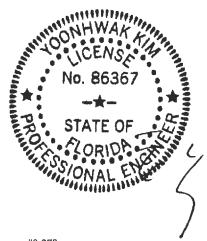


For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 516587 HIPS	Ply: 2	Job Number: 19-3541	Cust R 215 JRef	1WOT2150002 T70
FROM: CDM	Qty: 1	/Streer-Lot 4 Wilson PLace /Gibraltor Contr.	DrwNo: 268,19,14	100.17920
Page 2 of 2		Truss Label: 801	/ YK	09/25/2019

cial I nade

Spec	iai Lo	oac	15									
(Lumb	er				.25	/ P	late	e Du	ır.Fa	ac.=	1.25)
TC:	From		60	plf	at	-1	.50	to	60	plf	at	5.29
TC:	From		30	olf	at	5.	29	to			at	
TC:	From		60	plf	at	30.	50	to	60	plf	at	39.00
BC:	From	1	5	plf	at	-1	.50	to	5	plf	at	0.00
	From										at	5.32
	From									plf		30.47
	From										at	37.50
BC:	From	1	5	plf	at	37.	50	to	5	plf	at	39.00
TC:	248	lb	Con	C.	Load	at	5.3	32				
TC:	197	Ιþ	Con	C.	Load	at	7.3	35,	9.35	5,11	.35,	13.35
15.35	,											
TC:	181	Ιb	Con	C.	Load	at	17.	35	18.4	14,2	0.44	1,22.44
24.44												
	256											
BC:	286	lb	Con	C.	Load	at	5.	32				
BC:	102	Ιb	Con	C.	Load	at	7.3	35,	9.35	5,11	.35,	13.35
15.35												
					Load	at	17.	35	,18.4	14,2	0.44	1,22.44
24.44												
BC:	461	lb	Con	C.	Load	at	30.	47				



#0-278 09/25/2019

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEON: \$16590 Ply: 1 HIPS Job Number: 19-3541 Cust R 215 JRef: 1WOT2150002 T48 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1400.22333 Truss Label: B02 / YK 09/25/2019 2'6" 7'3"7 11'4"11 15'6' 28'6' 32'9"3 37'6' 4'9"7 4'1"5 4'1"5 6'6" 4'3"3 4'8"13 =5X6 D =5<u>X</u>5 =6X6 E G 57"5 =5X8 ∥2X4 M III2X4 =3X5(C6) =3X6(C6) **1**13X6 37'3"8 4'9"7 4'1"5 4'1"5 6'6' 6'6" 4'3"3 4'8"13 2'6" 7'3"7 11'4"11 15'6" 22' 28'6" 32'9"3 37'6'

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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.75 ft Loc, from endwall: not in 9,00 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pa: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defi L/# VERT(LL): 0.229 F VERT(CL): 0.451 F 989 HORZ(LL): 0.110 M HORZ(TL): 0.217 M Creep Factor: 2.0

Max Web CSI: 0.959

VIEW Ver: 18.02.01B.0321.08

999 240 180 V Wind reactions based on MWFRS

Max TC CSI: 0.683 Max BC CSI: 0.827

	K Brg	Width $= 3.5$	Min Re	eq = 1.9)	
	Bearings V & K are a rigid surface.					
	Members not listed have forces less than 375#					
		m Top Chord				
	Chords	Tens.Comp.	Chords	Tens.	Comp.	
	B-C C-D	711 - 2961	G-H	742	- 2540	
J	C-D	644 - 2426	H - I	619	- 2219	
	D-E	763 - 2693	l - J	612	- 2370	

Non-Gravity

/296

/301 /-

Min Reg = 1.9

/ RL

/179

/Rw / U

/907

/950

▲ Maximum Reactions (Ibs)

/-

Gravity

Brg Width = 6.0

1582

1612 /-

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Webs 2x4 SP #3 :Rt Slider 2x4 SP #3; BLOCK LENGTH = 1.500

Plating Notes

All plates are 3X4 except as noted.

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

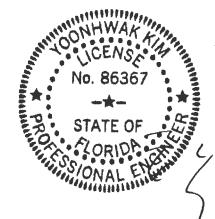
Wind

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

Right cantilever is exposed to wind

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



898 - 3230 178 - 955 F-G 894 - 3212

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
T-S	2576	- 524	O - N	1879	- 375
S - R	2038	- 390	N - M	1982	-439
R-P	2743	- 580	M - K	1983	- 438

Maximum Web Forces Per Ply (lbs)

Tens.Comp.	vvebs	rens. Comp.	
456 - 1521	P-G	782 - 175	
2517 - 551	P-0	2510 - 540	
153 - 558	G-0	261 -847	
966 - 257	O - H	853 - 228	
223 - 716	J - K	478 - 1484	
698 - 174			
	456 - 1521 2517 - 551 153 - 558 966 - 257 223 - 716	456 - 1521 P - G 2517 - 551 P - O 153 - 558 G - O 966 - 257 O - H 223 - 716 J - K	456 - 1521 P - G 782 - 175 2517 - 551 P - O 2510 - 540 153 - 558 G - O 261 - 847 966 - 257 O - H 853 - 228 223 - 716 J - K 478 - 1484

#0-278 09/25/2019

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

SEQN: 516593 HIPS Ply: 1 Job Number: 19-3541 Cust R 215 JRef 1WOT2150002 T73 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1400.44463 / YK 09/25/2019 Truss Label: B03 31'9"3 37'6' 2'6" 9'3"7 15'6" 21 26'6' 2'6' 6'9"7 6'2"9 5'6" 5'6' 5'3"3 5'8"13 ≡5X8 D **3**X4 =3X4 =7X8 M =5X5 =3X5(C6) =3X6(C6) ∥2X4 ii13X6 37'3"8 5'6 5'6' 5'3"3 5'8"13 6'9"7 6'2"9 15'6' 26'6 31'9"3 37'6' 9'3"7 211 Defl/CSI Criteria ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Non-Gravity Wind Std: ASCE 7-10 Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# R+ / R-/Rw /U Loc Speed: 130 mph TCDL: 10.00 Pf: NA Ce: NA VERT(LL): 0.177 E 999 240 0.00 BCI I:

	0.00		
BCDL:	10.00		
Des Ld:	40.00		
NCBCLL:	10.00		
Soffit:	2.00		
Load Dura	ation: 1.25		
Spacing: 24.0 "			

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: 3.75 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

VERT(CL): 0.350 E 999 180 HORZ(LL): 0.111 I HORZ(TL): 0.219 I Creep Factor: 2.0 Max TC CSI: 0.627

Max Web CSI: 0.988 VIEW Ver: 18.02.01B.0321.08

Max BC CSI: 0.938

Т 1582 /-/-/916 /293 /210 1612 /-/-/959 /298 /-Wind reactions based on MWFRS Brg Width = 6.0 Min Req = 1.9 Brg Width = 3.5 Min Req = 1.9 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 718 - 3026 F-G 640 - 2103

Lumber

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

:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

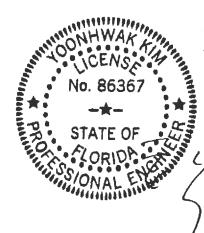
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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

Right cantilever is exposed to wind

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



C-D 611 - 2340 G - H 592 - 2108 D - E 731 - 2532 H-I 600 - 2383 729 - 2523 145 - 967

Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.c	omp.	Chords	rens. (Comp.
R - Q Q - O	2652 1939	- 539 - 340	M - L L - J	1993 1994	- 421 - 421
N - M	1759	- 322			

Maximum Web Forces Per Ply (lbs)

vvebs	ebs Tens.Comp. Webs		lens. Comp.		
B - T	444 - 1519	0 - N	2114	- 409	
B - R	2594 - 568	F - N	213	- 733	
C - Q	217 - 728	N - G	531	- 147	
D - O	775 - 206	I - J	495	- 1484	
0 - F	577 - 120				

09/25/2019

#0-278

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

SEQN: 516442 / Ply: 1 HIPS Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T33 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.23239 Truss Label: B04 / YK 09/25/2019 11'3"7 17'10"11 37'6" 5'7"11 24'6" 30'9"3 5'7"11 5'7"11 6'7"5 6'7"5 6'3"3 6'8"13 =5X6 **∥2**½4 =6X6 #3X4 ₹5X5 G M =5X5 N ∥4X6 =5X5 ∥2X4 = 4X5(A2) =3X8 37'6" 5'7"11 5'7"11 6'7"5 6'7"5 6'3"3 6'8"13 1'6" 5'7"11 11'3"7 17'10"11 24'6" 30'9"3 37'6' 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 Dura	ation: 1.25				
Spacing: 24.0 "					

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Webs 2x4 SP #3

Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf

MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.75 ft Loc, from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

PP Deflection in loc L/defl L/# VERT(LL): 0.118 E 999 240 VERT(CL): 0.232 E 999 180 HORZ(LL): 0.048 J HORZ(TL): 0.094 J Creep Factor: 2.0 Max TC CSI: 0.542

Max BC CSI: 0.661 Max Web CSI: 0.634

VIEW Ver: 18.02.01B.0321.08

Non-Gravity Gravity R+ / R-/Rw /U Loc 0 1591 /-/926 /293 /242 1603 /-/955 /294 Wind reactions based on MWFRS Brg Width = 6.0 Min Req = 1.9 Brg Width = 6.0 Min Req = 1.9 Bearings O & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

ı	Choras	rens.comp.	Choras	rens.	Comp.
		506 - 2014	E-F	589	- 1850
J	B-C C-D	552 - 1891	F-G	572	- 2030
	D-E	589 - 1850	G-H	602	- 2497

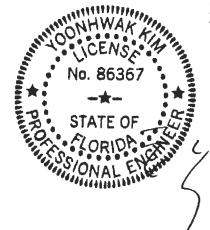
Lumber

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

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 7-11-5.



Maximum Bot Chord Forces Per Ply (lbs)

Chorus	rens.comp.		Chorus	Tells. V	comp.
N - M	1680	- 307	K-J	2069	-418
M - L	1559	- 243	J - H	2071	-418
1 1/2	1671	274			

Maximum Web Forces Per Ply (lbs)

Tens.Comp.	Webs	Tens. Comp.	
454 - 1541	E-L	169 -410	
1663 - 344	F-K	452 - 74	
445 - 119	K-G	172 - 475	
	454 - 1541 1663 - 344	454 - 1541 E - L 1663 - 344 F - K	454 - 1541 E - L 169 - 410 1663 - 344 F - K 452 - 74

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 516400 / HIPS Ply: 1 Job Number: 19-3541 Cust R R215 JRef: 1WOT2150002 T34 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22226 Qty: 1 / YK 09/25/2019 Truss Label: B05 6'2"11 12'5"7 17'10"11 37'6" 23'4" 30'2"3 6'10"3 7'3"13 6'2"11 6'2"11 5'5"5 5'5"5 =6X6 **∥2**X4 =5X6 **≢**5X5 ₹5X5 45 N ⊪4X6 III2X6 ≡5X5 ∥2X4 =3X8 37'6" 1'6" 6'2"11 6'2"11 5'5"5 5'5"5 6'10"3 7'3"13 12'5"7 17'10"11 23'4" 30'2"3 37'6" 6'2"11 Snow Criteria (Pg,Pf in PSF) D Loading Criteria (psf) Wind Criteria

Pg: NA Ct: NA CAT: NA

WAVE

BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.75 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(Creep Max TO Max BO Max W

Wind Std: ASCE 7-10

Speed: 130 mph

Wind Duration: 1.60

	Defl/CSI Criteria	▲ Maximum React
٩	PP Deflection in loc L/defl L/#	Gravity
	VERT(LL): 0.111 E 999 240	Loc R+ /R-
	VERT(CL): 0.218 E 999 180	O 1591 /-
	HORZ(LL): 0.047 J	H 1603 /-
4	HORZ(TL): 0.092 J	Wind reactions base
	Creep Factor: 2.0	O Brg Width = 6.0
	Max TC CSI: 0.547	H Brg Width = 6.0
1	Max BC CSI: 0.735	Bearings O & H are
ı	Max Web CSI: 0.636	Members not listed
	WIEX WED COI. C.COC	Maximum Top Cho
ı		Chords Tens.Com
	VIEW Ver: 18.02.01B.0321.08	B - C 505 - 204
_		C-D 540 - 184

▲ M	▲ Maximum Reactions (lbs)								
	G	avity		N-	on-Gra	vity			
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL			
О	1591	/-	/-	/928	/60	/260			
Н	1603	/-	/	/957	<i>1</i> 77	1-			
Win	d rea	ctions b	ased o	n MWFRS					
0	Brg \	Vidth =	6.0	Min Re	q = 1.9)			
Н	Brg V	Vidth =	6.0	Min Re	q = 1.9	9			
Bea	rings	O & H a	are a rig	gid surface.	•				
Men	nbers	not liste	ed have	forces les	s than :	375#			
Max	imun	п Тор С	hord F	orces Per	Ply (lb	s)			
Cho	Chords Tens.Comp. Chords Tens. Comp.								
B - 0	0	505 -	2044	E-F	551	- 1684			
C - I)	540 -	1843	F-G	554	- 1951			
D - E	Ξ	551 -	1684	G-H	589	- 2483			

ь	 	_

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Webs 2x4 SP #3

TCLL:

20.00

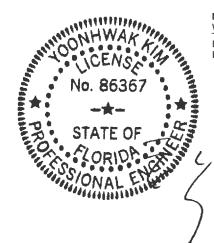
(a) Continuous lateral restraint equally spaced on

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

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 8-7-7



2052 K - .I -402 N - M1697 - 300 M-L 1506 - 214 J - H 2054 - 401 L-K 1591 - 240

Chords

Tens. Comp.

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp.

Maximum Web Forces Per Ply (lbs)

Nebs T	ens.Comp.	Webs	Tens.	Comp.
3 - O	449 - 1537	F-K	471	- 85
3 - N	1668 - 332	K-G	193	- 548

#0-278 09/25/2019

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

SEQN: 616528 / SPEC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T20 / /Streer-Lot 4 Wilson PLace /Gibraltor Contr. FROM: CDM Qtv: 1 DrwNo: 268.19.1336.22538 Truss Label: B06 / YK 09/25/2019 34'6"15 13'9"15 17'10"11 21'11"8 28'3"3 4'0"13 6'8"3 4'0"13 ≢5XB II2X4 = 5X6 ≠H0510 ≥5X12(SRS) =4X6 Ν II 2X4 = 5X5 3X4(A1) B3 **≡4**X4 5'6"15 4'0"13 6'3"11 17'10"11 36'0"7 37'6' ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Non-Gravity Gravity Wind Std: ASCE 7-10 Ct: NA CAT: NA PP Deflection in loc L/defl L/# TCLL: 20.00 Pg: NA /RL Loc R+ /Rw /U / R-TCDL: 10.00 Speed: 130 mph Pf: NA Ce: NA VERT(LL): 0.125 H 999 240 Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.247 H 999 180 В 279 /-179 /122 /232 Risk Category: II Snow Duration: NA HORZ(LL): 0.038 D BCDL: 10.00 1960 /-/1046 /54 /-EXP: C Kzt: NA HORZ(TL): 0.076 D 1067 /-/635 /-Des Ld: 40.00 Mean Height: 15.00 ft Wind reactions based on MWFRS Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Brg Width = 4.0 Min Req = 1.5 Max TC CSI: 0.959 Bldg Code: FBC 2017 RES Soffit: 2.00 BCDL: 5.0 psf Brg Width = 6.0 Min Req = 2.3 TPI Std: 2014 Max BC CSI: 0.626 Load Duration: 1.25 MWFRS Parallel Dist: h to 2h Brg Width = 6.0 Min Req = 1.5 Rep Fac: Yes Max Web CSI: 0.939 Spacing: 24.0 " C&C Dist a: 3.75 ft Bearings B, R, & S are a rigid surface. FT/RT:20(0)/10(0) Loc. from endwall: not in 9.00 ft Members not listed have forces less than 375# Plate Type(s): GCpi: 0.18 Maximum Top Chord Forces Per Ply (Ibs) Wind Duration: 1.60 WAVE, HS VIEW Ver: 18.02.01B.0321.08 Chords Tens.Comp. Chords Tens. Comp. Lumber F-G Top chord 2x4 SP #2 :T1 2x4 SP M-31: C-D 793 - 110 G - H 452 - 1865 D-E 457 - 1811 293 - 695 H-1 Bot chord 2x4 SP #2 E-F 293 -695 456 - 1810 :B3 2x4 SP M-31: Webs 2x4 SP #3 Maximum Bot Chord Forces Per Ply (Ibs) Chords Tens.Comp. Chords Tens. Comp.

(a) Continuous lateral restraint equally spaced on member.

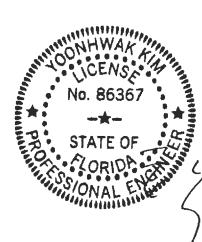
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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

Additional Notes

Refer to General Notes for additional information Negative reaction(s) of -179# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions

The overall height of this truss excluding overhang is 8-5-1.



B-R		- 538	N - M		- 899
P-0		- 101	M - L	3494	- 888
O - N	1524	- 311			

Maximum Web Forces Per Ply (lbs)

vvebs	rens.comp.	vvebs	rens.	Comp.
C-R	221 -448	G - N	489	- 62
R - D	384 - 1682	N - H	590	- 1971
D-P	770 - 213	H-L	486	- 1898
P-F	102 - 394	L - J	2032	- 512
F - O	562 - 132	J-K	271	- 1020
O - G	262 - 806			

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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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.

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

#0-278 09/25/2019

SEQN: 516438 / SPEC Ply: 1 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T53 / FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268 19 1336 23160 Qty: 1 Truss Label: B07 / YK 09/25/2019 19'11"8 5'5"13 8'3" 10'6" 15'9"15 21'6" 28'2" 32'6"15 37'6" 2'9"3 1'6'8 4'11"1 5'5"13 2'3' 5'3"15 4'4"15 4'1"9 6'8 =5<u>X</u>6 ≅5X5 G ₹4X10 ⊌H0510 5X10(SRS) =6X10≡H0308 =4X8 =4X6 W X ≡6X8 Q R ≡6X10 =3X5(A1) =4X10 29'3" 4'4"15 5'5"13 5'3"15 2'5"1 32'6"15 ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Non-Gravity Wind Std: ASCE 7-10 Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# / RL /Rh Speed: 130 mph R+ / R-/Rw /U TCDL: 10.00 Pf- NA VERT(LL): 0.239 I 999 240 Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.476 | 737 180 В /-987 /9 /474 /250 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.149 M 3021 /-/1606 /30 /-EXP: C Kzt: NA AA 838 /-/486 /-/26 HORZ(TL): 0.297 M Des Ld: 40.00 Mean Height: 15.00 ft Wind reactions based on MWFRS Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Brg Width = 4.0 Min Reg = 1.5 Bldg Code: FBC 2017 RES Max TC CSI: 0.904 Soffit: 2.00 BCDL: 5.0 psf Brg Width = 6.0 Min Rea = 3.6TPI Std: 2014 Max BC CSI: 0.926 Load Duration: 1.25 MWFRS Parallel Dist: h to 2h AA Brg Width = 6.0 Min Reg = 1.5 Rep Fac: Yes Max Web CSI: 0.966 Spacing: 24.0 " C&C Dist a: 3.75 ft Bearings B, Y, & AA are a rigid surface. FT/RT:20(0)/10(0) Loc. from endwall: not in 9.00 ft Members not listed have forces less than 375# GCpi: 0.18 Plate Type(s): Maximum Top Chord Forces Per Plv (lbs) Wind Duration: 1.60 WAVE, HS VIEW Ver. 18.02.01B.0321.08 Chords Tens.Comp. Chords Tens. Comp. Lumber B - C 2150 - 471 H-I 563 - 1623 Top chord 2x4 SP #2 C-D 2328 - 464 436 - 1586 1 - J Bot chord 2x4 SP #2 Webs 2x4 SP #3 D-E 1619 - 282 J-K 624 - 2221 G-H 259 - 383 K-L 587 - 2092 :W12 2x4 SP #2 Maximum Bot Chord Forces Per Ply (Ibs) Bracing Chords Tens.Comp. Chords Tens. Comp. (a) Continuous lateral restraint equally spaced on member. 393 - 1818 U-T 459 - 53 Z - Y 393 - 1821 Q-P 3299 - 895 **Plating Notes** W-V 336 - 1324 P - N3259 - 878 All plates are 2X4 except as noted. Maximum Web Forces Per Ply (lbs) Purlins Webs Tens.Comp. Webs Tens. Comp. In lieu of structural panels use purlins to brace all flat TC @ 24" oc. C - Y -697 134 - 434 U-H 263 Y - D 335 - 1560 H - O 1342 -416 Wind Y - W 529 - 2244 S-Q 380 -40 Wind loads based on MWFRS with additional C&C D-W 191 - 379 1310 - 279 $I - \Omega$ member design. W-E 526 - 2230 Q - J576 - 1988 E-V 1739 - 332 - 1073 Right end vertical not exposed to wind pressure. J - N263 F-V 237 - 1042 N - L2198 -617 **Additional Notes** (F-U 781 - 187 L-M 232 -772 Refer to General Notes for additional information Negative reaction(s) of -987# MAX. from a non-wind load case requires uplift connection. See Maximum The overall height of this truss excluding overhang is 9-7-1

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

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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#0-278 09/25/2019

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SEQN: \$16530 / SPEC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T38 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr DrwNo: 268.19.1336.22317 Truss Label: B08 / YK 09/25/2019 10'6" 14'2"12 17'9"15 21'6" 30'6"15 37'3 5'5"13 2'9"3 2'3" 3'8"12 3'7"3 3'8"1 6'8 4'5"1 2'3' 3'0"8 5'2"8 **∌**3<u>X</u>5 ₹3X8 =3X4 ≥8X12(SRS) **T4** #6X8 W11 ¥ ≡3X8 B5 P ______AB ZAA =3X8 =7X6 =3X4 ∥3X5 ≦3X5(A1) 29' 5'5"13 2'9"3 7'5"8 3'6"8 6'8" 2'4"15 2'3" 3'0"8 5'2"8 5'5"13 10'6^l 17'11"8 21'6" 28'2' 30'6"15 35 37'3 40'3"8 8'3" 45'6' ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Wind Std: ASCE 7-10 Gravity Non-Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# R+ / R-/Rw /U Speed: 130 mph Loc TCDL: 10.00 Pf: NA VERT(LL): 0.109 W 999 240 Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.218 W 999 180 В 118 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.080 U /416 /-AB 2116 /-/-EXP: C Kzt: NA /-HORZ(TL): 0.159 U 2592 /523 Des Ld: 40.00 Mean Height: 15.21 ft /-Code / Misc Criteria 263 /-297 /9 NCBCLL: 10.00 Creep Factor: 2.0 TCDL: 5.0 psf Wind reactions based on MWFRS Bldg Code: FBC 2017 RES Max TC CSI: 0.721 Soffit: 2.00 BCDL: 5.0 psf Brg Width = 4.0 Min Req = 1.5 TPI Std: 2014 Max BC CSI: 0.564 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Brg Width = 6.0 Min Req = 2.5 Rep Fac: Varies by Ld Case Spacing: 24.0 " Max Web CSI: 0.911 C&C Dist a: 4.55 ft Brg Width = 6.0 Min Req = 2.1 FT/RT:20(0)/10(0) Loc. from endwall; not in 4.50 ft Brg Width = 4.0 Min Req = 1.5 Plate Type(s): GCpi: 0.18 Bearings B, AB, Q, & N are a rigid surface. Wind Duration: 1.60 VIEW Ver: 18.02.01B.0321.08 WAVE Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (ibs) Wind Lumber Chords Tens.Comp. Chords Tens. Comp. Top chord 2x4 SP #2 Wind loads and reactions based on MWFRS :T4 2x6 SP 2400f-2.0E: B - C 1103 - 239 127 - 670 Bot chord 2x4 SP #2 **Additional Notes** C-D 1268 - 267 J-K 1663 - 336 :B5 2x6 SP 2400f-2.0E: Refer to General Notes for additional information D-E 748 - 168 K-L 1650 - 332 Webs 2x4 SP #3 E-F 761 - 177 L-M 1812 - 364 Negative reaction(s) of -432# MAX. from a non-wind :W11 2x4 SP #2: load case requires uplift connection. See Maximum 163 - 755 M-N 893 - 180 WARNING: Furnish a copy of this DWG to the installation contractor. Special case must be taken during handling, shipping and installation of the ses. See "WARNING" note that the taken the overall height a this base accounts over hand is 10-9-1. Maximum Bot Chord Forces Per Ply (lbs) (a) Continuous lateral restraint equally spaced on Chords Tens.Comp. Chords Tens. Comp. B-AC Q - PSpecial Loads 177 - 920 137 -741 AC-AB 176 - 923 P - N136 - 756 (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) Y - X 420 - 79 TC: From -1.50 to 38.44 to 40.29 to 60 plf at 60 plf at 38,44 TC: From 30 plf at 60 plf at 30 plf at 60 plf at 40.29 TC: From 47.00 Maximum Web Forces Per Ply (lbs) -1.50 to BC: From 5 plf at 5 plf at Tens. Comp. Webs Tens.Comp. Webs 20 plf at 10 plf at 0.00 to 38.44 to 20 plf at 10 plf at 38.44 40.26 BC: From BC: From C-AB 74 - 395 Y - H 96 -392 40.26 to BC: From 20 plf at AB- D 252 - 1184 476 - 128 U - J45.50 to BC: From 5 plf at AB-Z J-R 258 - 1206 366 - 2016 129 lb Conc. Load at 38.44 TC: D-Z 971 - 190 R-Q 395 - 1967 205 lb Conc. Load at 40.26 Z-F Q - M - 1595 288 - 1317 316 94 lb Conc. Load at 38.44 485 -60 226 lb Conc. Load at 40.26 **Plating Notes** All plates are 2X4 except as noted. In lieu of structural panels use purlins to brace all flat TC @ 24" oc. #0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

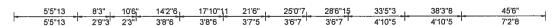
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

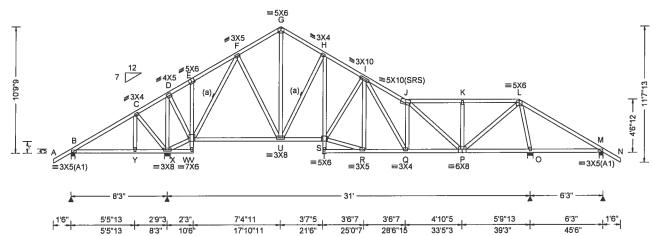
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SEQN: 516456 / SPEC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2 150002 T69 DrwNo: 268.19.1336.23019 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. Qty: 1 / YK 09/25/2019 Truss Label: B09





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 Du	ration: 1.25				
Spacing:	24.0 "				

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Webs 2x4 SP #3

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.23 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h

C&C Dist a: 4.55 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 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): 0.081 J 999 240 180 VERT(CL): 0.161 J 999 HORZ(LL): 0.034 G HORZ(TL): 0.066 G Creep Factor: 2.0 Max TC CSI: 0.850 Max BC CSI: 0.643 Max Web CSI: 0.648

VIEW Ver. 18.02.01B.0321.08

A N	▲ Maximum Reactions (lbs)								
	G	ravity	No	n-Grav	vity				
Loc	c R+	/ R-	/Rh	/ Rw	/ U	/ RL			
В	239	/-163	/-	/52	/38	/336			
Х	1961	/-	/-	/1149	/55	/-			
0	1851	/-	/-	/1040	/96	/-			
M	219	/-290	/-	/120	/154	/-			
Wind reactions based on MWFRS									
В	Brg V	Vidth = 4	1.0	Min Red	q = 1.5				

Brg Width = 6.0 Min Req = 2.3 Brg Width = 6.0 Min Req = 2.2 Brg Width = 4.0 Min Reg = 1.5 Bearings B, X, O, & M are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. B - C 578 - 1707 - 141 -816 C - D 754 - 124 J-K 325 K-L F-G 302 - 737 325 -816 310 -734 G-H L-M - 167 379 - 1140

Chords

R - Q

Q-P

P - 0

Tens. Comp

- 136

-277

- 377

1103

1433

171

Lumber

(a) Continuous lateral restraint equally spaced on

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

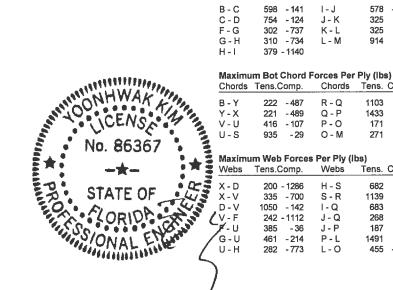
Additional Notes

Refer to General Notes for additional information

Negative reaction(s) of -290# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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



U-S 935 - 29 O - M 271 -745 Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs 682 200 - 1286 H-S 335 - 700 S-R 1139

222 - 487

221 - 489

416 - 107

X-D - 210 X-V - 141 D-V 1050 - 142 1 - Q 683 - 291 (V-F 242 - 1112 J-Q 268 - 515 **/**- U 385 - 36 J-P 187 -835 G-U -214 P-L 1491 - 383 461 - 773 U-H 455 - 1693 282

#0-278 09/25/2019

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Cust R R215 JRef 1WOT2150002 T32 SEON 516432 / SPEC Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19,1336,22412 Truss Label: B10 YK 09/25/2019 14'2"6 21'6" 17'10"11 3'8"6 5'5"13 26'6"15 31'5"3 40'7"15 45'6" 8'3" 10'6" 36'3"8 5'5"13 2'9"3 2'3" 3'8"6 3'7"5 5'0"15 4'10"5 4'10"5 4'4"7 4'10"1 =5X6 ₹3X4 **∌**3<u>X</u>5 ≅5X10(SRS) #4X5 D =5X6 # 4X4 5'8"12 =3X8 ≡7X6 =5X6 =4X4 =5X8 P ≡4X5 =3X5(A1) ≦3X5(A1) 8'3" -31' -7'4"11 5'0"15 4'10"5 4'10"5 5'5"13 2'9"3 2'3" 3'7"5 2'11"8 6'3" 5'5"13 8'3" 10'6 17'10"11 21'6" 26'6"15 31'5"3 36'3"8 39'3 45'6'

Loading C	riteria (psi)
TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00
Load Dura	tion: 1.25
Spacing: 2	4.0 "

Loading Critoria (ass

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.23 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.55 ft

Loc. from endwall: not in 13.00 ft GCni: 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

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.073 I 999 240 VERT(CL): 0.145 | 999 180 HORZ(LL): 0.032 G HORZ(TL): 0.063 G Creep Factor: 2.0 Max TC CSI: 0.492 Max BC CSI: 0.659 Max Web CSI: 0.636

VIEW Ver: 18.02.01B.0321.08

				_			
AI	▲ Maximum Reactions (Ibs)						
1	G	ravity		. No	n-Gra	vity	
Loc	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	245	/-149	/-	/47	/40	/336	
Х	1977	/-	/-	/1186	/86	/-	
0	1649	/-	1-	/933	/49	/-	
М	253	/-56	/-	/155	/52	/-	
Wi	nd read	tions ba	sed on	MWFRS			
В	Brg V	Vidth = 4	Min Re	q = 1.5	5		
Х	Brg V	Vidth = 6	6.0	Min Re	q = 2.3	3	
0	Brg V	Vidth = 6	6.0	Min Red	q = 1.9	9	
M	Brg V	Vidth = 4	1.0	Min Red	q = 1.5	5	
Bea	arings I	3, X, O,	& M are	a rigid su	rface.		
Me	mbers	not liste	d have f	orces less	than :	375#	
Billio	Maximum Ton Chard Forese Der Dly //he)						

Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.C	Comp.	Chords	Tens.	Comp.	
B - C	571	- 131	1 - J	376	- 1037	
C-D	726	- 114	J - K	376	- 1037	
F-G	321	- 787	K-L	195	- 469	

334 - 790 384 H-I 394 - 1248

213 -464

213 - 466

456 - 106

307 - 850

708

Chords

U-S

R-O

P - 0

0 - L

Tens. Comp.

-51

- 226

- 884

1011

1367

334

456 - 1640

Bot chord 2x4 SP #2

Lumber

Webs 2x4 SP #3

Top chord 2x4 SP #2

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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

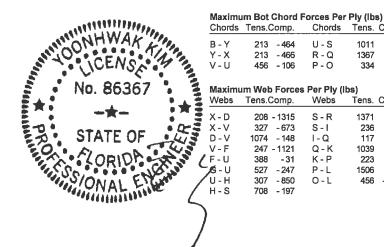
Wind loads based on MWFRS with additional C&C member design

Additional Notes

Refer to General Notes for additional information

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is



Maximum Web Forces Per Ply (lbs) Webs Webs Tens. Comp. Tens.Comp. 208 - 1315 - 228 X-V 327 -673 S - I 236 - 467 1074 - 148 I - Q 117 - 495 V-F 247 - 1121 Q-K 1039 - 274 /F-U - 31 388 K-P 223 -823 P-L G-U 527 - 247 1506 - 360

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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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6750 Forum Drive Suite 305

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

SEQN: 516482 / SPEC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T47 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22021 Qty: 1 / YK 09/25/2019 Truss Label: B11 21'6" 14'2"6 17'10"11 3'8"6 24'6"15 29'5"3 34'3"8 39'7"15 45'6" 10'6" 5'5"13 2'9"3 2'3" 3'8"6 3'7"5 3'0"15 4'10"5 4'10"5 5'4"7 5'10"1 =5<u>X</u>6 ≠3X5 ≈5X10(SRS) =5X6 ≠4X5 = 5X6 6'10"12 ≡4X8 =3X8 =7X6 R ≡4X4 Q ≡3X8 ١o P ≡5X6 ≈5×6 =3X5(A1) ≦3X5(A1) 5'5"13 2'9"3 7'4"11 3'7"5 3'0"15 4'10"5 4'10"5 5'4"7 5'10"1 5'5"13 8'3" 10'6 17'10"11 21'6" 24'6"15 29'5"3 34'3"8 39'7"15 45'6" ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Gravity Non-Gravity TCLL: 20.00 Wind Std: ASCE 7-10 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# R+ / R-/ Rh / Rw / U ĺ RL Speed: 130 mph Loc Pf: NA VERT(LL): 0.080 I 999 240 Ce: NA Enclosure: Closed VERT(CL): 0.160 I 999 180 Lu: NA Cs: NA В 232 /40 /47 /336 /-176 Risk Category: II Snow Duration: NA HORZ(LL): 0.034 G 2090 /1246 /105 /-/-EXP: C Kzt: NA /670 /-HORZ(TL): 0.068 G 1158 /32

TODE:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL	: 10.00
Soffit:	2.00
Load Du	ration: 1.25

Spacing: 24.0 "

Mean Height: 15.23 ft TCDL: 5.0 psf BCDL: 5.0 psf

MWFRS Parallel Dist: h to 2h C&C Dist a: 4.55 ft Loc, from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Creep Factor: 2.0 Max TC CSI: 0.507 Max BC CSI: 0.827 Max Web CSI: 0.677

VIEW Ver: 18.02.01B.0321.08

/379 /-/-544 /42 Wind reactions based on MWFRS Brg Width = 4.0 Min Req = 1.5

Brg Width = 6.0 Min Req = 2.5 Brg Width = 6.0 Min Req = 1.5 Brg Width = 4.0 Min Reg = 1.5 Bearings B, X, Z, & M are a rigid surface.

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Ciloius	rens.comp.	Cilorus	I CIIO.	Comp.
B - C	622 - 147	I - J	446	- 1249
C - D	778 - 130	J-K	446	- 1249
F-G	350 -862	K-L	356	- 1078
G-H	357 - 858	L - M	129	- 453
H - I	453 - 1365			

Lumber

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

(a) Continuous lateral restraint equally spaced on

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

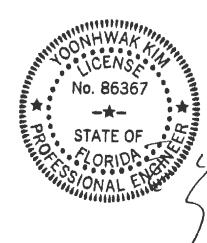
Additional Notes

Refer to General Notes for additional information

Negative reaction(s) of -176# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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



Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.0	Comp.	Chords	Tens. (Comp.
B - Y	227	- 507	R-Q	1328	- 207
Y - X	227	- 510	Q-P	854	- 101
V - U	496	- 104	P - O	702	- 56
U - S	1136	- 95			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
X-D	238 - 1402	H-S	939	- 283
X - V	341 - 724	S - R	1404	- 220
D - V	1150 - 175	S-I	232	- 393
V - F	277 - 1222	I-R	96	- 436
F - U	445 - 51	Q-K	668	- 182
G-U	582 - 259	P-L	686	- 107
U - H	348 - 979	L-0	290	- 1004

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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

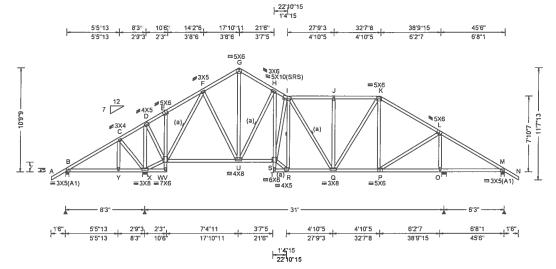
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SEQN: \$516464 / SPEC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T35 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.23222 Truss Label: B12 / YK 09/25/2019



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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.23 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.55 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18
	GCpi: 0.18 Wind Duration: 1.60
	WING DUIAUON. 1.00

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria

Bldg Code: FBC 2017 RES

TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

PP Deflection in loc L/defl L/a	#
VERT(LL): 0.080 999 240	J
VERT(CL): 0.158 999 180	0
HORZ(LL): 0.035 G -	-
HORZ(TL): 0.070 G -	-
Creep Factor: 2.0	
Max TC CSI: 0.511	
Max BC CSI: 0.859	
Max Web CSI: 0.675	
VIEW Ver: 18.02.01B.0321.08	

C - D

F-G

G-H

B - Y

Y - X

V - U

792 - 123

361 -848

Chords Tens.Comp.

363 -844

467 - 1324

221 - 519

220 - 522

483 - 106

362 - 986

Maximum Bot Chord Forces Per Ply (lbs)

Defl/CSI Criteria

AI	▲ Maximum Reactions (lbs)					
	G	ravity		Non-Gravity		
Lo	R+	/ R-	/Rh	/ Rw	/ U	/RL
В	230	/-183	/-	/30	/54	/336
X	2092	/-	/-	/1260	/124	/-
0	1202	/-	/-	/705	/17	/-
М	505	/-	/-	/358	/42	/-
Wi	nd read	tions ba	sed on	MWFRS		
В	Brg V	Vidth = 4	4.0	Min Re	q = 1.5	i
Х	Brg V	Vidth = 6	6.0	Min Req ≈ 2.5		
0	Brg V	Vidth = 6	5.0	Min Re	q = 1.5	5
М	Brg V	Vidth = 4	\$.0	Min Re	q = 1.5	i
Be	arings I	3, X, O,	& M an	e a rigid su	rface.	
Me	mbers	not liste	d have	forces less	than 3	375#
Ma	ximum	Top C	hord F	orces Per	Ply (lb	s)
Ch	ords T	ens.Co	mp.	Chords	Tens.	Comp.
В-	С	636 -	140	1-1	434	- 1116

J-K

K-L

L-M

Chords

R-Q

Q-P

O - M

434 - 1116

- 494

- 146

- 98

-48

382 - 1122

158

Tens. Comp.

1112

883

694

Bot chord 2x4 SP #2 Webs 2x4 SP #3

Top chord 2x4 SP #2

Lumber

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

Purlins

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

Wind

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

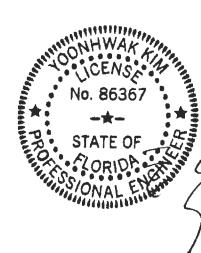
Additional Notes

Refer to General Notes for additional information

Negative reaction(s) of -183# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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



U - S	1128 - 109							
Maximum Web Forces Per Ply (lbs)								
Webs	Tens.Comp.	Webs	Tens.	Comp.				
X-D	242 - 1396	H-S	988	- 316				
X - V	334 - 737	S - R	1503	- 199				
D-V	1146 - 178	I-R	148	- 925				
V - F	276 - 1225	Q-K	431	- 125				
Æ-U	447 -50	P-L	675	- 89				
G-U	567 - 258	L-0	300	- 1045				

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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

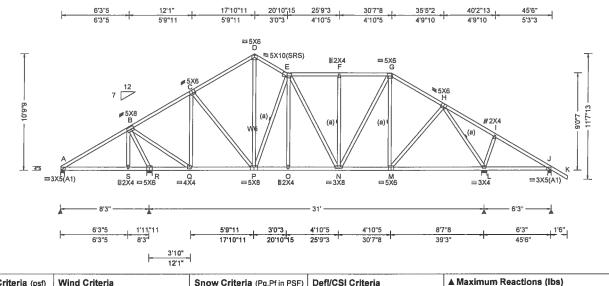
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SEQN: 516404 / SPEC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T61 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22616 / YK Truss Label: B13 09/25/2019



ł	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
I	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
ı	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.052 O 999 240
ı	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.104 O 999 180
1	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.016 L
I	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.031 L
ı	NCBCLL: 10.00	Mean Height: 15.23 ft	Code / Misc Criteria	Creep Factor: 2.0
ı	Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.431
ı	Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.680
l	Spacing: 24.0 "	C&C Dist a: 4.55 ft	Rep Fac: Yes	Max Web CSI: 0.675
ı	-pg	Loc, from endwall: not in 13,00 ft	FT/RT:20(0)/10(0)	
١		GCpi; 0.18	Plate Type(s):	
		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
I	Lumber			

-	=,						
ı	Gravity			N	Non-Gravity		
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
	Α	352	/-	/-	/186	/3	/319
ı		1523		/-	/957		<i>I</i> -
ı	L	1665	/-	/-	/983	/40	/-
ı	J	277	/-	/-	/171	/37	/-
ı	Win	d read	ctions b	oased or	MWFRS		
Į	Α	Brg V	Vidth =	4.0	Min Re	q = 1.5	
ľ	R	Brg V	Vidth =	6.0	Min Re	q = 1.8	
1	L	Brg V	Vidth =	6.0	Min Re	q = 2.0	+
ı	J	Brg V	Vidth =	4.0	Min Re	q = 1.5	i
4	Bea	rings /	A, R, L	, & Jare	a rigid sui	face.	
ı	Men	nbers	not list	ed have	forces les	s than 3	375#
	Max	imum	Top	Chord F	orces Per	Ply (lb:	s)
	Cho	rds T	ens.C	omp.	Chords	Tens.	Comp.
	B - 0	2	275	-774	E-F	422	- 1039
	C - I	_	395	- 989	F-G	422	- 1039
		_	440	000		274	4004

B-C	275	- 774	E-F	422	- 1039
C - D	395	- 989	F-G	422	- 1039
D-E	410	- 932	G-H	374	- 1034

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

R-Q	219	- 553	O - N	1030	- 107
Q - P	608	- 116	N - M	827	- 56
P-0	1029	- 107	M - L	559	- 39

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (Comp.
B - R	400 - 1645	P - E	317	-773
B - Q	1364 - 259	N - G	436	- 137
Q-C	169 - 680	M - H	424	- 52
D-P	625 - 289	H-L	367	- 1467

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W6 2x4 SP #2:

Bracing

(a) Continuous lateral restraint equally spaced on member.

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

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

Additional Notes

Refer to General Notes for additional information WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is



#0-278 09/25/2019

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SEQN: 516444 / SPEC Ply: 1 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T44 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22318 Truss Label: B14 / YK 09/25/2019 4'11"6 10'10"15 15'9"3 4'11'6 4'11"6 4'10"5 4'10"5 5'5"10 5'5"10 5'11"3 ⊒5X5 ≈5X10(SRS) 112<u>X</u>4 **=5**X6 W1 5'0"5 =5X5 =3X8 =3X4(A1) R EI2X6 =3X8 31'3" 5'11"3 10'10"15 4'11"6 9'10"11 15'9"3 20'7"8 26'1"2 31'6"13 37'6" Snow Criteria (Pg,Pf in PSF) ▲ Maximum Reactions (lbs)

Loading Cri	teria (psf)
TCLL: 20	0.00
TCDL: 10	00.
BCLL: 0.	.00
BCDL: 10	.00
Des Ld: 40	.00
NCBCLL: 10	.00
Soffit: 2.	00
Load Duratio	n: 1.25
Spacing: 24.	0 "

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.23 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.75 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RE
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): 0.059 E 999 240 VERT(CL): 0.114 E 999 180 HORZ(LL): 0.021 B HORZ(TL): 0.042 B Creep Factor: 2.0 Max TC CSI: 0.370 Max BC CSI: 0.745 Max Web CSI: 0.681

VIEW Ver	18 02 01B 0321 08

Gravity Non-Gravity R+ / R-/Rw /U Loc R 1285 /690 /40 /260 S 1264 /-/-/735 /76 /-/-/368 /-548 /36 Wind reactions based on MWFRS Brg Width = -Min Req = -Brg Width = 6.0 Min Req = 1.5 Brg Width = 4.0 Min Req = 1.5 Bearings S & I are a rigid surface. Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.C	omp.	Chords	Tens.	Comp.	
4 - B	265	- 894	F-F	417	- 1059	

F-G

G-H

413 - 1216

340 - 1185

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W5, W8, W10 2x4 SP #2:

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

Bearing at location x=0' uses the following

support conditions: 0'
Bearing R (0', 10'1"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting

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

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

Wind

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

Left end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



Maximu	m Bot	Chord	Forces	Per	Plv	(lbs)

Chords	Tens.C	omp.	Chords	Tens.	Comp.
Q - P	737	- 139	N - M	977	-62
P - O	938	- 57	M - L	960	- 104
N-C	939	- 57	L-K	724	- 18

Maximum Web Forces Per Ply (lbs)

393 - 1067

401 - 960

417 - 1059

B-C

C - D

D.

vveps	rens.Comp.	vvebs	Tens. (omp.
A - R	343 - 1247	P-D	320	- 826
A - Q	1008 - 240	G-L	97	- 399
Q - B	189 - 599	L-H	786	-111
C - P	741 - 321	H - K	287	- 1115

#0-278 09/25/2019

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



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

SEQN: 516470 / Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T36 / FROM: CDM DrwNo: 268.19.1336.22835 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. Qty: 1 Truss Label: B15 / YK 09/25/2019 10'10"8 14'9" 18'7"8 24'9"2 30'10"13 5'5"4 3'10"8 3'10"8 6'1"10 =5X6 III2X4 5.0.2

=3X4

3'10"8

Loading	Criteria (psf)	Wind C
TCLL:	20.00	Wind S
TCDL:	10.00	Speed:
BCLL:	0.00	Enclosu
BCDL:	10.00	Risk Ca
Des Ld:	40.00	EXP: C
NCBCLI		Mean H
Soffit:		TCDL:
	ration: 1.25	BCDL:
		MWFRS
Spacing	. 24.0	C&C Di

riteria td: ASCE 7-10 130 mph ure: Closed ategory: II Kzt: NA leight: 15.52 ft 5.0 psf 5.0 psf S Parallel Dist: h to 2h ist a: 3.75 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

= 3X4

5'5"4

II2X6

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

3'10"8

M = 3X8

- 31'3"

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.048 L 999 240 VERT(CL): 0.094 L 999 180 HORZ(LL): 0.019 J HORZ(TL): 0.039 J Creep Factor: 2.0 Max TC CSI: 0.485 Max BC CSI: 0.790

= 5X5

6'1"10

Ⅲ2X4

6'1"10

Max Web CSI: 0.673 VIEW Ver: 18.02.01B.0321.08

1252 /-/747 /55 557 /359 /38 /-Wind reactions based on MWFRS Brg Width = -Min Req = -Brg Width = 6.0 Min Reg = 1.5 Brg Width = 4.0 Min Req = 1.5 Bearings J & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

/Rh

Non-Gravity

159

- 581

/Rw / U

/690 /32 / RL

/277

= 3X4(A1)

6'3"

Gravity

/ R-

Loc R+

C-D

D-E

1287

▲ Maximum Reactions (lbs)

Chords Tens.Comp. Chords Tens. Comp 278 - 942 E-F 416 - 1172 A - B B-C 401 - 1075 F-G 369 - 1268

G - H

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W5, W6, W7, W8, W9 2x4 SP #2:

Bracino

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

Bearing at location x=0 uses the following support conditions: 0'

Bearing P (0', 10'1"2) HUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting

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

Purlins

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

Wind

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

Left end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



Maximum	Bot C	hord F	orces	Per Pl	y (lbs)	

404 - 935

404 - 935

Chords	Tens.C	omp.	Chords	Tens.	Comp.
0 - N	772	- 150	L-K	1021	- 107
N - M	849	-79	K-J	443	- 33
M - L	927	- 32	J - H	845	- 56

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.		
A - P	342 - 1246	K-G	748 -86		
A - O	1013 - 237	G-J	274 - 1104		
O B	170 EEN				

#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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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.

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

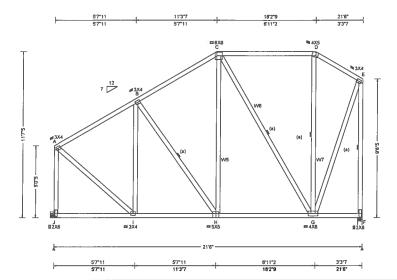
SEON 516410 / HIPS Ply: 1 FROM: CDM Qty: 1 Job Number: 19-3541

/Streer-Lot 4 Wilson PLace /Gibraltor Contr.

Truss Label: B16

Cust R R215 JRef 1WOT2150002 T56 / DrwNo: 268.19.1336.23131

/ YK 09/25/2019



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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.41 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 f 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 Du	ration: N	Α				

Code / Misc Criteria

TPI Std: 2014

Rep Fac: Yes

FT/RT:20(0)/10(0) Plate Type(s):

Bldg Code: FBC 2017 RES VIEW Ver: 18.02.01B.0321.08

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.019 H 999 240 VERT(CL): 0.037 H 999 180 HORZ(LL): 0.008 B HORZ(TL): 0.015 B Creep Factor: 2.0 Max TC CSI: 0.493 Max BC CSI: 0.409 Max Web CSI: 0.450

Gravity			N	on-Gra	vity		
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL	
J	860	/-	/-	/509	/43	/143	
F	860	/-	/-	/473	/131	/-	
Win	d rea	actions	based or	MWFRS			
J	Brg	Width =	= -	Min Re	- = pe		
F	Brg	Width =	4.0	Min Re	eq = 1.5	5	
Bear	ring	Fisari	gid surfa	ce.			
Men	nber	s not lis	ted have	forces les	s than :	375#	
Max	imu	m Top	Chord F	orces Per	Ply (lb	s)	
Cho	rds	Tens.C	omp.	Chords	Tens.	Comp.	
A - E	3	155	-614	B - C	219	- 583	_

▲ Maximum Reactions (Ibs)

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W5, W6, W7 2x4 SP #2:

(a) Continuous lateral restraint equally spaced on member

Hangers / Ties

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

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

Bearing at location x=0' uses the following support conditions: 0'

Bearing J. (0', 10'1"2) LUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (4) 0.148"x3" nails into supporting member

(3) 0.148"x3" nails into supported member.

Purlins

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

WAVE Wind

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

End verticals not exposed to wind pressure.

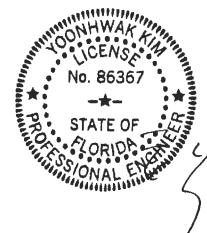
Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 478 - 219 I-H H-G 430 - 159

Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Webs Tens. Comp.

-816 -233 619 - 93 E-F 304 - 842 C-G 155 - 376



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

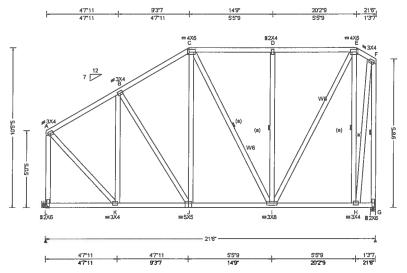
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses as eal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

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

SEQN: 516446 / HIPS Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T46 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22005 / YK 09/25/2019 Truss Label: B17



Loading	Criteria (psf)	Wind C
TCLL:	20.00	Wind St
TCDL:	10.00	Speed:
BCLL:	0.00	Enclosu
BCDL:	10.00	Risk Ca
Des Ld:	40.00	EXP: C
NCBCLL:		Mean H
Soffit:		TCDL: 5
	ation: 1.25	MWFRS
Spacing:		C&C Dis
opaomig.		Loc. from
		200. 1101

Called Inch Wind Criteria td: ASCE 7-10 130 mph re: Closed tegory: II Kzt: NA leight: 17.83 ft 5.0 psf 5.0 psf S Parallel Dist: h to 2h st a: 3 00 ft m endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 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): 0.027 D 999 240 VERT(CL): 0.055 D 999 180 HORZ(LL): 0.014 F HORZ(TL): 0.028 F Creep Factor: 2.0 Max TC CSI: 0.348 Max BC CSI: 0.357

Max Web CSI: 0.547 VIEW Ver: 18.02.01B.0321.08

A - B B - C

Non-Gravity Gravity Loc R+ / R-/Rw /U 860 /514 /65 /111 860 /-/-/470 /177 /-Wind reactions based on MWFRS Brg Width = -Min Req = -Brg Width = 4.0 Min Req = 1.5 Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 143 - 562 C-D 178 -416 214 - 607 D-E 178 -416

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W6, W8 2x4 SP #2:

Bracing

Lumber

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

Bearing at location x=0' uses the following support conditions: 0'

Bearing L (0', 10'1"2) LUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (4) 0.148"x3" nails into supporting member, (3) 0.148"x3" nails into supported

member.

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

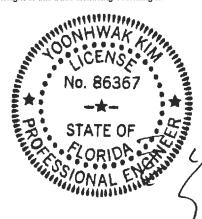
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

- 187 K - J461 446 - 225

Maximum Web Forces Per Ply (lbs)

▲ Maximum Reactions (lbs)

Webs	Tens.C	comp.	Webs	Tens.	Comp.
A - L	184	- 824	E - H	302	-732
A - K	631	- 101	H - F	806	- 281
I - E	645	- 238	F-G	295	- 854

#0-278 09/25/2019

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

SEQN: 516475 / FROM: CDM

HIPM Ply: 1 Qty: 1 Job Number: 19-3541

/Streer-Lot 4 Wilson PLace /Gibraltor Contr

Truss Label: B18

Cust: R R215 JRef: 1WOT2150002 T43 / DrwNo: 268.19.1336.23301

/ YK 09/25/2019

Non-Gravity

/204 /-

/83

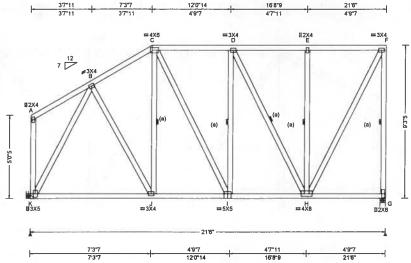
Rw /U

/508 /83

/466

Min Req = -

Min Req = 1.5



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCII: 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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.24 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

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.019 D 999 240 VERT(CL): 0.038 D 999 180 HORZ(LL): 0.009 C HORZ(TL): 0.017 C Creep Factor: 2.0 Max TC CSI: 0.306 Max BC CSI: 0.559

Max Web CSI: 0.908

Maximum Top Chord Forces Per Ply (Ibs) B-C VIEW Ver: 18.02.01B.0321.08

Chords Tens.Comp. Chords Tens. Comp. 207 - 613 D-E 129 - 375 E-F - 375 C-D 194 - 519 129

Members not listed have forces less than 375#

▲ Maximum Reactions (lbs)

/-

/-

Wind reactions based on MWFRS

Gravity

Brg Width = -

Brg Width = 4.0

Bearing G is a rigid surface.

R+ / R-

Loc

Κ 860

G 860 /-

Lumber

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

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

Bearing at location x=0' support conditions: 0'

uses the following

Bearing K (0', 10'1"2) LUS26

Supporting Member: (2)2x6 SP 2400f-2.0E (4) 0.148"x3" nails into supporting

member, (3) 0.148"x3" nails into supported member.

Purlins

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

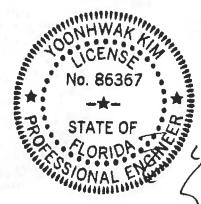
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



#0-278 09/25/2019 Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. 375 - 218 K - J1 - H 518 - 194 J - I481 - 202

Maximum Web Forces Per Ply (lbs)

Tens. Comp. Webs Webs Tens.Comp 160 - 806 305 -822 798 - 275

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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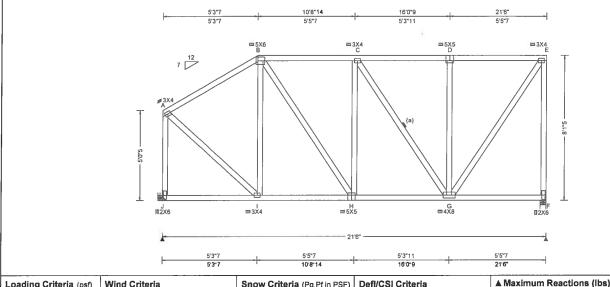
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com, ICC: www.iccsafe.org

SEQN: 516418 / HIPM Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T63 FROM: CDM /Streer-Lot 4 Wilson PLace / Gibraltor Contr. DrwNo: 268.19.1336.22786 Qty: 1 Truss Label: B19 / YK 09/25/2019



Loading Criteria (psf)	Wind Criteria
TCLL: 20,00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 130 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
	EXP: C Kzt: NA
Des Ld: 40.00	Mean Height 16.66 ft
NCBCLL: 10.00	TCDL: 5.0 psf
Soffit: 2,00	BCDL: 5.0 psf
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h
Spacing: 24.0 "	C&C Dist a: 3.00 ft
	Loc. from endwall: not in 9.00 ft
	GCpi: 0.18

Snow Criteria (Pg,Pf in PSF) Ct: NA CAT: NA Pg: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.021 C 999 240 VERT(CL): 0.042 C 999 180 HORZ(LL): 0.006 B HORZ(TL): 0.013 B Creep Factor: 2.0 Max TC CSI: 0.409 Max BC CSI: 0.408 Max Web CSI: 0.966

VIEW Ver. 18.02.01B.0321.08

Wind reactions based on MWFRS Brg Width = -Min Req = Brg Width = 4.0 Min Req = 1.5 Bearing F is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens, Comp. C-D 153 A - B 177 - 606 212 -608 153 -476

/Rh

/-

Gravity

/-

Chords Tens.Comp.

R+ / R-

860

860

Loc

Non-Gravity

/132 /87

/-

/194

Chords Tens. Comp.

/Rw /U

/493

/455

Lumber

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

(a) Continuous lateral restraint equally spaced on

Hangers / Ties

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

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

Bearing at location x=0' support conditions: 0'

uses the following

Wind Duration: 1.60

Bearing J (0', 10'1"2) LUS26

Supporting Member: (2)2x6 SP 2400f-2.0E (4) 0.148"x3" nails into supporting member,

(3) 0.148"x3" nails into supported member.

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

Wind

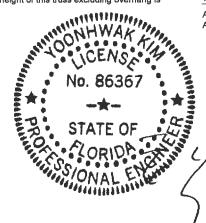
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is I-H 467 - 198 H-G 612 - 214 Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs 215 -818 G-E 832 - 268 A-J E-F 289 -816 625 - 122 A - I

Maximum Bot Chord Forces Per Ply (lbs)



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

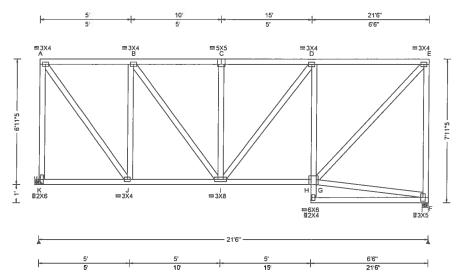
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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.



MONO Ply: 1 SEQN: 516452 / Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T62 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22926 Truss Label: B20 / YK 09/25/2019



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 Dur	ation: 1.25
Spacing:	24.0 "

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.04 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

Snow Criteria (Pg,Pf in PSF) Pg: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria Ct: NA CAT: NA PP Deflection in loc L/defl L/# VERT(LL): 0.030 C 999 240 VERT(CL): 0.059 C 999 180 HORZ(LL): 0.009 F HORZ(TL): 0.017 F Creep Factor: 2.0 Max TC CSI: 0.592 Max BC CSI: 0.463 Max Web CSI: 0.903

VIEW Ver: 18.02.01B.0321.08

B-C

A R	A Maximum Reactions (IDS)								
	Gravity Non-Gravity								
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
к	860	/-	/-	/441	/188	/-			
F	860	/-	/-	/440	/187	/-			
Wi	nd rea	actions i	based o	n MWFRS					
K	Brg	Width =	= -	Min Re	eq = -				
F	Brg	Width =	4.0	Min Re	eq = 1.5	5			
Bea	aring	Fisari	gid surfa	ace.					
Me	mber	s not lis	ted have	e forces les	s than :	375#			
Maximum Top Chord Forces Per Ply (lbs)									
Ch	ords	Tens.C	omp.	Chords	Tens.	Comp.			
A -	В	141	- 509	C-D	192	-710			

Lumber

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

Hangers / Ties

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

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

Bearing at location x=0' uses the following support conditions: 0' Bearing K (0', 10'1"2) LUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported

Wind

member.

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information Truss must be installed as shown with top chord up. The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

192 - 710

Maximum Web Forces Per Ply (lbs)

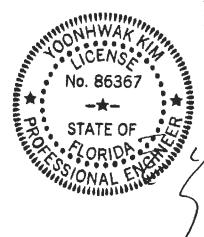
535 - 150 637 - 181

D-E

177

-625

Webs	Tens.C	omp.	Webs	Tens.	Comp.
A - K	259	- 821	D-G	193	-512
A - J	864	- 239	G-E	892	- 253
J-B	211	- 589	E-F	262	- 796



#0-278 09/25/2019

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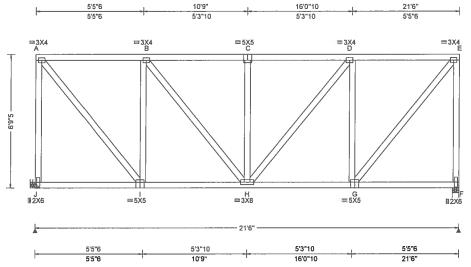
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses A seal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

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

SEQN: 516480 / FLAT Plv: 1 Job Number: 19-3541 Cust R R215 JRef; 1WOT2190002 T40 / FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.23129 Qty: 1 / YK 09/25/2019 Truss Label: B21



Loading C	riteria (psf)	VV
TCLL: :	20.00	W
TCDL:	10.00	S
BCLL:	0.00	Er
BCDL:	10.00	Ri
Des Ld:	40.00	E)
NCBCLL:		M
Soffit:		TO
		B
Load Dura	tion: 1.25	M
Spacing: 24.0 "		
		Lo
1		

Critoria (nsf) Wind Criteria /ind Std: ASCE 7-10 peed: 130 mph nclosure: Closed isk Category: II XP: C Kzt: NA lean Height: 15.87 ft CDL: 5.0 psf CDL: 5.0 psf WFRS Parallel Dist: h/2 to h &C Dist a: 3.00 ft oc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lie NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.030 C 999 240 VERT(CL): 0.059 C 999 180 HORZ(LL): 0.008 A HORZ(TL): 0.017 A Creep Factor: 2.0 Max TC CSI: 0.458 Max BC CSI: 0.377

Max Web CSI: 0.668 VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs) Gravity

Non-Gravity R+ / R-/Rw /U Loc J 860 /441 /175 /-860 /-/-/441 /175 1-Wind reactions based on MWFRS Brg Width = -Min Req = -Brg Width = 4.0 Min Req = 1.5 Bearing F is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. 150 - 558 C-D 194 B - C 194 - 734 D-E 150 - 558

Lumber

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

Hangers / Ties

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

Bearing at location x=0' support conditions: 0' uses the following Bearing J (0', 9'1"2) LUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (4) 0.148"x3" nails into supporting member,

(3) 0.148"x3" nails into supported member.

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

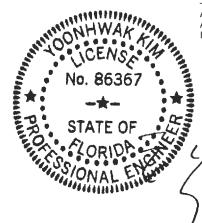
Refer to General Notes for additional information Truss must be installed as shown with top chord up. The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. C	Comp.
- H	584 - 159	H - G	584	- 159

Maximum Web Forces Per Ply (lbs) Webs Tens. Comp. Webs Tens.Comp.

		· F- ·				
A - J	253 - 8	17	D-G	203	- 563	
A - I	882 - 2	37	G-E	882	- 237	
- B	203 - 5	63	E-F	253	- 817	



#0-278 09/25/2019

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEON: 516426 / Cust R R215 JRef 1WOT2150002 T45 / FLAT Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.23191 Truss Label: B22 / YK 09/25/2019 5'5"6 10'9" 16'0"10 21'6' 5'5"6 5'3"10 5'3"10 5'5"6 =3X4_ =3X4 B 5'7"5 G ≡5X5 IJ ₩2X6 = 3X8 ≖5X5 1112X6 5'3"10 5'5"6 5'5"6 5'3"10 5'5"6 10'9" 16'0"10 21'6' ▲ Maximum Reactions (Ibs)

Loading Criteria (psf)	l
TCLL: 20.00	l
TCDL: 10.00	
BCLL: 0.00	
BCDL: 10.00	
Des Ld: 40.00	ı
NCBCLL: 10.00	
Soffit: 2.00	
Load Duration: 1.25	
Spacing: 24.0 "	

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg, Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.033 C 999 240 VERT(CL): 0.066 C 999 180 HORZ(LL): 0.010 A HORZ(TL): 0.020 A Creen Factor: 2.0 Max TC CSI: 0.457 Max BC CSI: 0.397 Max Web CSI: 0.456

VIEW Ver: 18.02.01B.0321.08

Gravity Non-Gravity R+ / R-/Rh /Rw / U /RL J 860 /166 1-1_ 1441 1-/441 /-860 /-/-/166 Wind reactions based on MWFRS Brg Width = -Min Req = -Brg Width = 4.0 Min Req = 1.5 Bearing F is a rigid surface. Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (!bs) Chords Tens.Comp. Chords Tens. Comp. C-D A - B 179 - 681 231 - 895

B - C 231 - 895 D-E 179 -681

Lumber

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

Hangers / Ties

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

Bearing at location x=0' uses the following support conditions: 0'

Support contains. 3 Bearing J (0', 9'1"2) LUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (4) 0.148"x3" nails into supporting

(3) 0.148"x3" nails into supported member.

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

End verticals not exposed to wind pressure.

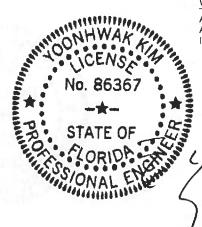
Additional Notes

Refer to General Notes for additional information Truss must be installed as shown with top chord up. The overall height of this truss excluding overhang is 5-7-5

Maximu	ım Bot Chord F	orces Per	Ply (lbs	3)
Chords	Tens.Comp.	Chords	Tens.	Comp
I U	712 100	цС	712	10

- 190 712 - 190

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. 247 -817 D-G 199 - 563 964 - 253 G-E 964 - 253 1 - B 199 - 563 E-F 247 -817



#0-278 09/25/2019

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEON: 516532 / Cust R R215 JRef 1WOT2150002 T9 / FLAT Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268,19.1336.23005 Page 1 of 2 Truss Label: B23 / YK 09/25/2019 4'4"10 8'7"9 12'10"7 17'1"6 21'6" 4'4"10 4'2"14 4'4"10 4'2"14 4'2"14 ≡3X4 C =4X5 E **∥3X5** =5X5 ≡3X4 =7X6 D _ K = 5X5 H ≡4X4 =7X6 ⊪2X8 =4X10 **∥2X10** 21'6" 4'4"10 4'2"14 4'2"14 4'2"14 4'4"10 4'4"10 8'7"9 12'10"7 17'1"6 21'6' Loading Criteria (psf) Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs) Wind Criteria Non-Gravity Wind Std: ASCE 7-10 Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Speed: 130 mph Loc R+ / R-/Rh /Rw / U /RI TCDL: Pf: NA VERT(LL): 0.066 C 999 240 10.00 Ce: NA Enclosure: Closed VERT(CL): 0.104 C BCLL: 0.00 Lu: NA Cs: NA 999 180 1771 /-/-/-/557 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.014 A G 645 /-/-/_ /1545 /-EXP: C Kzt: NA Wind reactions based on MWFRS HORZ(TL): 0.022 A Des Ld: 40.00 Mean Height: 15.00 ft Brg Width = -Min Req = -Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf

Lumber

Soffit:

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

2.00

Load Duration: 1,25

Spacing: 24.0 "

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 30 plf at 0.00 to 30 plf at 21.50 BC: From 10 plf at 0.00 to 10 plf at 21.50 188 lb Conc. Load at 1.81, 3.81 181 lb Conc. Load at 5.81, 7.81, 9.81,11.81 13.81.15.81 176 lb Conc. Load at 17.81,19.81 131 lb Conc. Load at 1.81, 3.81 129 lb Conc. Load at 5.81, 7.81, 9.81,11.81 BC: 13.81.15.81 BC: -717 lb Conc. Load at 17.81,19.81

BCDL: 5.0 psf

C&C Dist a: 3.00 ft

Wind Duration: 1.60

MWFRS Parallel Dist: 0 to h/2

Loc, from endwall: not in 4.50 ft

GCni: 0.18

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind

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

Additional Notes

Refer to General Notes for additional information Truss must be installed as shown with top chord up. The overall height of this truss excluding overhang is 4-5-5

Bldg Code: FBC 2017 RES Rep Fac: Varies by Ld Case

TPI Std: 2014 FT/RT:20(0)/10(0) Plate Type(s): WAVE

Max TC CSI: 0.125 Max BC CSI: 0.337 Max Web CSI: 0.950

VIEW Ver: 18.02.01B.0321.08

G Brg Width = 4.0 Min Req = 1.5 Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 553 - 1610 D-E 1120 - 2084

B-C 950 - 2277 C-D 1120 - 2084

Maximum Bot Chord Forces Per Ply (lbs)

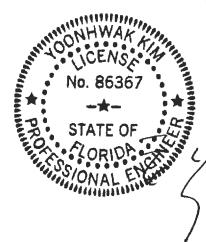
Chords Tens.Comp.						
K-J J-I	,	- 593 - 976	I - H	950	- 1168	

E-F

1159 - 825

Maximum Web Forces Per Ply (lbs)

webs	rens.Comp.	vvebs	rens. Comp.	
A - L	563 - 1678	D - I	221 -442	
A - K	2202 - 757	E - H	125 - 1708	
K-B	556 - 1171	H-F	1134 - 1582	
B - J	826 - 506	F-G	1140 - 935	
1 - E	1582 0			
1-6	1302 0			



#0-278 09/25/2019

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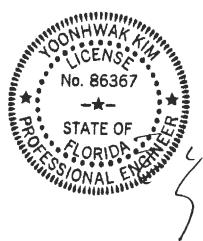
SEQN:*516532 / FLAT Ply: 1 Job Number: 19-3541 Cust R R215 JRef: 1WOT2150002 T9 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.23005 09/25/2019 Page 2 of 2 Truss Label: B23 / YK

Hangers / Ties

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

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

Bearing at location x=0' uses the following support conditions: 0'
Bearing L (0', 9'1"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting member, (4) 0.148"x3" nails into supported member.



#0-278 09/25/2019

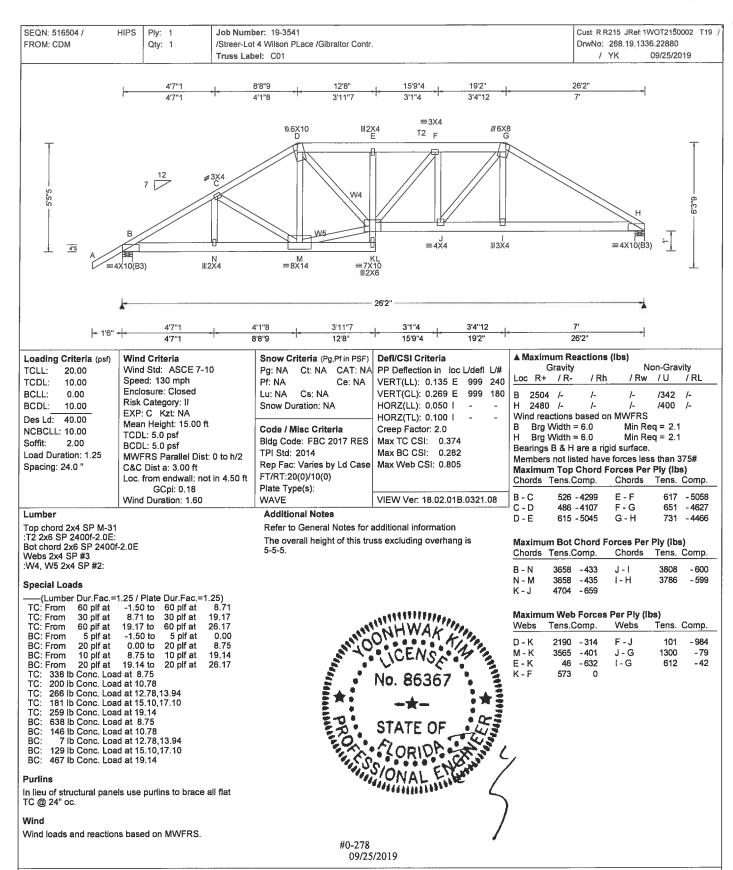
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SEON: 516448 / Cust: R R215 JRef: 1WOT2150002 T5 / HIPS Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22833 Truss Label: C02 / YK 09/25/2019 10'8"9 21'5"3 26'2" 1'11"7 5'7" 5'1"8 4'6' 4'3"3 4'8"13 =5X6 112<u>×</u>4 =3X4 4.5 N H2X4 = 4X8 = 3X5(A1) 5'1"8 4'8' 4'3"3 4'8"13 10'8"9 12'8' 17'2' 21'5"3 26'2' ▲ Maximum Reactions (Ibs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg.Pf in PSF) Defl/CSI Criteria Non-Gravity Wind Std: ASCE 7-10 Gravity Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Loc R+ /U /RL Speed: 130 mph Pf: NA VERT(LL): 0.068 E 999 240 Ce: NA

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00
Load Dura	ation: 1.25
Spacing: 2	24.0 "

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

Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria

Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

VERT(CL): 0.134 E 999 180 HORZ(LL): 0.034 1 HORZ(TL): 0.067 I Creep Factor: 2.0 Max TC CSI: 0.296 Max BC CSI: 0.440 Max Web CSI: 0.468

VIEW Ver: 18.02.01B.0321.08

/170 В 1147 /-1-/682 /209 1043 /-/-/578 /182 /-Wind reactions based on MWFRS Brg Width = 6.0 Min Req = 1.5 Brg Width = 6.0 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (Ibs) Chords Tens.Comp. Chords

B - C 396 - 1664 E-F 414 - 1303 C-D 373 - 1278 F-G 404 - 1401 D-E 413 - 1298 G-H 426 - 1702

Lumber

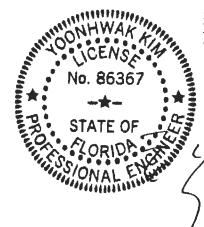
Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



Maximum Bot Chord Forces Per Ply (lbs)

Choras	lens.c	omp.	Choras	i ens.	Comp.
B-N	1367	- 308	J - I	1410	- 305
N - M	1365	- 309	I-H	1411	- 305
K - J	1158	- 205			

Maximum Web Forces Per Ply (lbs)

AACDS	ciis.C	omp.	vveus	16115.	Joinp.
C - M D - M		- 396 - 388	D-K M-K		- 172 - 225

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

Cust R R215 JRef 1WOT2150002 T42 SEON: 516414 / HIPS Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22458 Truss Label: C03 / YK 09/25/2019 6'6"13 6'1"13 2'5"7 5'3"3 5'8"13 112X4(H ⊪2X4 =3X8 <u>75</u> L ≅4X4 JK ≅6X6 BI2X4 6'6"13 12'8' 26'2' ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Gravity Non-Gravity Wind Std: ASCE 7-10 TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# R+ / R-/Rw / U /RL Speed: 130 mph VERT(LL): 0.063 C 999 240 TCDL: 10,00 Pf: NA Ce: NA 0.00 /179 /183

NCBCLL: 10.00					
Soffit:	2.00				
Load Duration: 1.25					
Spacing: 24.0 "					

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

10.00

40.00

BCII:

BCDL:

Des Ld:

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

Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

VERT(CL): 0.125 C 999 180 HORZ(LL): 0.030 H HORZ(TL): 0.060 H Creep Factor: 2.0 Max TC CSI: 0.436 Max BC CSI: 0.601

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Max Web CSI: 0.513

1047 G 1047 /-/-/574 /180 /_ Wind reactions based on MWFRS Brg Width = 6.0 Min Req = 1.5 Brg Width = 6.0 Min Req = 1.5Bearings A & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords A - B 386 - 1658 D-E B - C 376 - 1359 E-F

/-

/596

/-

349 - 1028 365 - 1268 C-D 442 - 1265 F-G 400 - 1686

Webs 2x4 SP #3 Plating Notes

Lumber

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

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

Wind

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is



Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

1358 - 284 I-H 1388 - 275 A - L - 274 1069 - 156 H-G 1390 J - I

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	lens.	Comp.
L-J J-D	1345 - 283 662 - 244	: =		- 103 - 437

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#0-278 09/25/2019

SEQN: 516494 / SPEC Ply: 2 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T41 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19,1336.22287 Page 1 of 2 Truss Label: C04 / YK 09/25/2019 2 Complete Trusses Required ■ 4X4(C8 IIH0308 45 =4X8(C8) E7X8 5X10 6'6"13 5'10"9 6'4"2 26'2" 1'3"5 Loading Criteria (psf) Wind Criteria Defl/CSI Criteria ▲ Maximum Reactions (lbs) Snow Criteria (Pg,Pf in PSF) Wind Std: ASCE 7-10 Gravity Non-Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# R+ /R /Rw / U Loc TCDL: Speed: 130 mph VERT(LL): 0.174 | 999 240 10.00 Pf: NA Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.344 | 902 180 4936 /-/1029 /-Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.056 G 7209 /-/-/898 EXP: C Kzt: NA Wind reactions based on MWFRS HORZ(TL): 0.110 G Des Ld: 40.00 Mean Height: 15.00 ft Brg Width = -Code / Misc Criteria Creep Factor: 2.0 Min Req = -NCBCLL: 0.00 TCDL: 5.0 psf Brg Width = 6.0 Min Req = 3.0 Bldg Code: FBC 2017 RES Max TC CSI: 0.692 Soffit: 2.00 BCDL: 5.0 psf Bearing F is a rigid surface. TPI Std: 2014 Max BC CSI: 0.789 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Members not listed have forces less than 375# Rep Fac: No Spacing: 24.0 " Max Web CSI: 0.885 C&C Dist a: 3.00 ft

Lumber

Top chord 2x4 SP #2 :T3 2x4 SP M-31: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #3 :W2, W4, W6 2x4 SP #2:

Nailnote

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

Loc, from endwall; not in 4.50 ft

GCpi: 0.18

Wind Duration: 1.60

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From TC: From 60 plf at 0.00 to 60 plf at 30 plf at 60 plf at 7.06 to 11.06 to 30 plf at 60 plf at 11.06 TC: From 26.17 20 plf at 0.00 to BC: From BC: From 10 plf at 7.06 to BC: 1771 lb Conc. Load at 7.06 10 plf at 26.17 860 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,21.06 BC: 1287 lb Conc. Load at 23.06 BC: 1285 lb Conc. Load at 25.06

Wind

Wind loads and reactions based on MWFRS

FT/RT:20(0)/10(0)

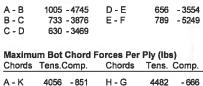
Plate Type(s):

WAVE, HS

The overall height of this truss excluding overhang is

Additional Notes

Refer to General Notes for additional information



Chords

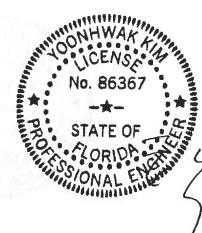
Tens. Comp.

Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp.

1 - H 3305 -619 G-F 4513 - 667 Maximum Web Forces Per Ply (lbs)

Tens.Comp. Webs Comp. Webs Tens. B - K 634 - 180 331 - 1329 C - H B - I 257 - 828 D-H 3321 - 574 K-I 3922 - 823 H-E 137 - 1717 522 - 102 E-G 1581 -66 1 - C 1501 - 356



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SEQN: 516494 / SPEC Ply: 2 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T41 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22287 Qty: 1 / YK 09/25/2019 Page 2 of 2 Truss Label: C04

Hangers / Ties

member.

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

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

Bearing at location x=0' uses the following Bearing at location x-0 dises are following support conditions: 0'
Bearing A (0', 9'1"2) HGUS28-2
Supporting Member: (2)2x8 SP 2400f-2.0E
(36) 0.162"x3.5" nails into supporting member, (6) 0.162"x3.5" nails into supported



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Job Number: 19-3541 SEQN: 516580 Pły: 1 Cust R 215 JRef 1WOT2150002 T39 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1400.59507 FROM: CDM Qty: 1 09/25/2019 Truss Label: J01 / YK 5'3"6 9'10"13 5'3"6 4'7"6 **≡3X4** 5'3"5 4* G ∥2X4 =2X4(A1) 4'3"14 5'3"6 5'3"6 9'7"5 Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria TCLL: 20.00 Wind Std: ASCE 7-10 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Speed: 130 mph Pf: NA VERT(LL): 0.019 G 999 240 TCDL: 10.00 Ce: NA Enclosure: Closed BCLL: Lu: NA Cs: NA VERT(CL): 0.038 G 999 180 0.00 Risk Category: II HORZ(LL): 0.005 F BCDL: 10.00 Snow Duration: NA EXP: C Kzt: NA HORZ(TL): 0.009 F Des Ld: 40.00 Mean Height: 15.00 ft Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Bldg Code: FBC 2017 RES Max TC CSI: 0.554 Soffit: 2.00 BCDL: 5.0 psf TPI Std: 2014 Max BC CSI: 0.633 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Rep Fac: Varies by Ld Case Max Web CSI: 0.305 Spacing: 24.0 " C&C Dist a: 3.00 ft FT/RT:20(0)/10(0) Loc. from endwall: not in 4.50 ft GCpi: 0.18 Plate Type(s):

Lumber

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

Special Loads

(Lumber	Dur.Fac.=1	.25 / Plate	Dur.Fac.=	=1.25)
TC:	From	0 plf at	-2.12 to	60 plf at	0.00
TC:	From	2 plf at	0.00 to	2 plf at	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:	-39 lb (Conc. Load	at 1.48	-	
TC:	120 lb	Conc. Load	at 4.31		
TC:	246 lb	Conc. Load	iat 7.13		
BC:	11 lb	Conc. Load	dat 1.48		
BC:	99 lb	Conc. Load	d at 4.31		
BC:	179 lb	Conc. Load	dat 7.13		

Wind Duration: 1.60

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-5-0.

Provide (3) 16d common 0.162"x3.5", toe-nails at TC. Provide (3) 16d common 0.162"x3.5", toe-nails at BC.

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▲ Maximum Reactions (Ibs)							
	G	Bravity		No	on-Grav	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/RL	
В	359	/-	/-	/-	/202	/-	
E	333	/-	/-	/-	/79	/-	
D	76	/-	/-	/-	/20	/-	
Wind reactions based on MWFRS							
В	Brg V	Vidth =	8.5	Min Re	q = 1.5	i	
E	Brg V	Vidth =	1.5	Min Re	q = -		
D	Brg V	Vidth =	1.5	Min Re	q = -		
Bea	ring B	is a rig	id surface	€.			
Members not listed have forces less than 375#							
Maximum Top Chord Forces Per Ply (lbs)							
		rens.Co			- •		

B - C 224 -611

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

B-G 570 - 176 G-F 560 - 176

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

C-F 199 - 634



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

WAVE

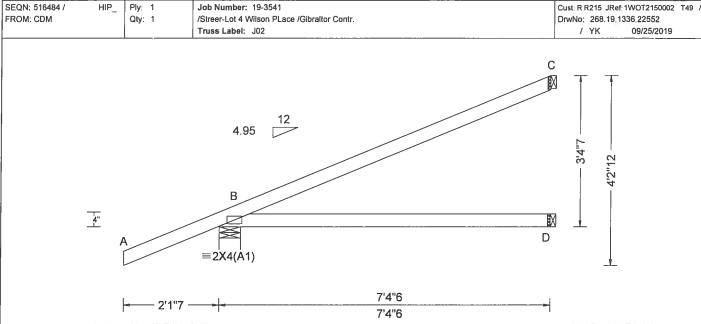
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Loading Criteria (psf)	Wi
TCLL: 20.00	Wi
TCDL: 10.00	Sp
BCLL: 0.00	En
BCDL: 10.00	Ris
	EX
	Me
NCBCLL: 10.00	тс
Soffit: 2.00	ВС
Load Duration: 1.25	ΜV
Spacing: 24.0 "	C8
	Lo
	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25

ind Criteria ind Std: ASCE 7-10 eed: 130 mph closure: Closed sk Category: II (P: C Kzt: NA ean Height: 15.00 ft DL: 5.0 psf DL: 5.0 psf WFRS Parallel Dist: 0 to h/2 &C Dist a: 3.00 ft c. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.011 D HORZ(TL): 0.025 D Creep Factor: 2.0 Max TC CSI: 0.565 Max BC CSI: 0.538 Max Web CSI: 0.000

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A 84	lavim	Dar	atlana (bol			
▲ Maximum Reactions (lbs)							
	(3ravity		No	on-Grav	/ity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	286	/-	/-	/-	/162	/-	
D	132	/-	/-	/-	/11	/-	
С	76	/-	/-	/-	/33	/-	
Wir	nd rea	ctions b	ased on i	MWFRS			
В	Brg \	/Vidth =	5.7	Min Re	q = 1.5		
D	Brg \	Nidth =	1.5	Min Re	q = -		
С	Brg \	Nidth =	1.5	Min Re	q = -		
Bearing B is a rigid surface.							
Mer	nbers	not list	ed have f	orces less	s than 3	75#	

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	60 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	7.37
BC: From	0 plf at	-2.12 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	7.37
TC: -39 lb	Conc. Load	d at 1.48		
TC: 120 lb	Conc. Loa	d at 4.31		
BC: 11 lb	Conc. Loa	d at 1.48		
RC: 99 IF	Conc. Loa	d at 4 31		

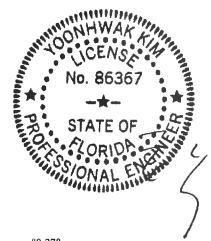
Wind

Wind loads and reactions based on MWFRS.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 3-4-7.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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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.

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

SEON: 516491 / Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T18 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22101 Truss Label: J03 / YK 09/25/2019 5'3"6 9'10"13 5'3"6 4'7"6 D **∌**3X4 53.5 4" G ∥2X4 =2X4(A1) 5'3"6 4'3"14 - 2'1"7 -9'10"13 5'3"6 9'7"5 ▲ Maximum Reactions (Ibs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Non-Gravity Wind Std: ASCE 7-10 Gravity PP Deflection in loc L/defl L/# TCLL: 20.00 Pa: NA Ct: NA CAT: NA Speed: 130 mph Loc R+ /Rw /U / RL TCDL: 10.00 Pf: NA VERT(LL): 0.020 G 999 240 Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.038 G 999 180 В 359 1_ /204 /-Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.005 F Ε 339 /-/-/-/82 /-EXP: C Kzt: NA HORZ(TL): 0.009 F D 79 /-/21 /-Des Ld: 40 00 Mean Height: 15.00 ft Wind reactions based on MWFRS Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Brg Width = 8.5 Min Req = 1.5 Bldg Code: FBC 2017 RES Max TC CSI: 0.577 Soffit: 2.00 BCDL: 5.0 psf Brg Width = 1.5 Min Req = -Max BC CSI: 0.646 TPI Std: 2014 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Brg Width = 1.5 Min Req = -Max Web CSI: 0.311 Rep Fac: Varies by Ld Case Spacing: 24.0 " C&C Dist a: 3.00 ft Bearing B is a rigid surface. FT/RT:20(0)/10(0) Loc. from endwall: not in 4.50 ft Members not listed have forces less than 375# GCpi: 0.18 Plate Type(s): Maximum Top Chord Forces Per Ply (lbs) Wind Duration: 1.60 WAVE VIEW Ver: 18.02.01B.0321.08 Chords Tens.Comp. Lumber B-C 229 -622

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) :: From 0 plf at -2.12 to 60 plf at 0.0 :: From 2 plf at 0.00 to 2 plf at 9.9 TC: From 0.00 TC: From 9.90 BC: From 0 plf at -2.12 to 4 plf at 0.00 to BC: From 2 plf at 2 plf at 9.90 -39 lb Conc. Load at 1.48 TC: TC: 120 lb Conc. Load at 4.31 256 lb Conc. Load at 7.13 BC: 11 lb Conc. Load at 1.48 BC: 99 lb Conc. Load at 4.31 BC: 182 lb Conc. Load at 7.13

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-5-0

Provide (3) 16d common 0.162"x3.5", toe-nails at TC. Provide (3) 16d common 0.162"x3.5", toe-nails at BC.

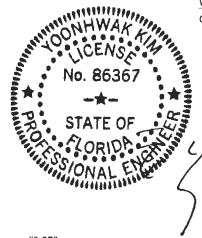
Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

B - G 580 - 181 G-F 570 - 181

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

204 - 646



#0-278 09/25/2019

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

SEQN: 516486 / HIP_ Ply: 1 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T21 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22225 Qtv: 1 / YK 09/25/2019 Truss Label: J04 4'11"6 9'10"13 4'11"6 4'11"6 4,95 #3X4 ≢3X4 G ≡3X4 112X4 4'7"14 4'11"6 3"8 9'10"13 4'11"6 9'7"5 · ------ Cuitorio (not)

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 Dura	ation: 1.25
Spacing: 2	24.0 "

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.019 G 999 240 VERT(CL): 0.038 G 999 180 HORZ(LL): 0.007 C HORZ(TL): 0.013 C Creep Factor: 2.0 Max TC CSI: 0.742 Max BC CSI: 0.894 Max Web CSI: 0.459

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (Ibs) Non-Gravity Gravity R+ / R-/Rw /U / RL Loc 521 /107 /-492 /-/-/42 D 138 /-/16 /-Wind reactions based on MWFRS Brg Width = 8.5 Min Req = 1.5 Brg Width = 1.5 Min Reg = -Brg Width = 1.5 Bearing H is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

B - C 99 - 697

Lumber

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

Special Loads

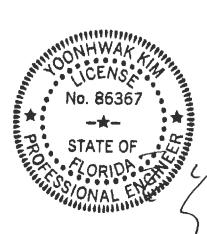
Wind

Wind loads and reactions based on MWFRS

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 5-5-0.

Provide (3) 16d common 0.162"x3.5", toe-nails at TC. Provide hanger or special connection at BC.



#0-278 09/25/2019 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

G-F 612 -81

Maximum Web Forces Per Plv (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
H-B	112 - 507 549 - 55	C - F	98 -741	

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SEQN: 516517 / Cust R R215 JRef 1WOT2150002 T60 / Ply: 1 Job Number: 19-3541 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.21928 Qtv: 1 Truss Label: J05 / YK 09/25/2019 3'6"7 7'5"11 3'6"7 3'11"4 ≢3X4 **∏** ₩3 FE ≡3X4 ****** H G ≡3X4 ⊪3X4 3'6"7 3'7"12 - 2'1"7 -7'5''11 ▲ Maximum Reactions (lbs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria Non-Gravity Wind Std: ASCE 7-10 Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# / RL /Rh /Rw 7U Speed: 130 mph VERT(LL): 0.027 G 999 240 R+ / R-Pf: NA TCDL: 10.00 Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.055 G 999 180 299 /-/103 /-Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.023 F 184 /43 /-/-Ε EXP: C Kzt: NA D /-HORZ(TL): 0.047 F 51 1-77 /-Des Ld: 40.00 Mean Height: 15.00 ft Wind reactions based on MWFRS Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Brg Width = 8.5 Min Reg = 1.5 Bldg Code: FBC 2017 RES Max TC CSI: 0.359 Soffit: 2.00 BCDL: 5.0 psf Brg Width = 1.5 Min Rea = -TPI Std: 2014 Max BC CSI: 0.448 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Brg Width = 1.5 Min Reg = -Rep Fac: Varies by Ld Case Max Web CSI: 0.625 Spacing: 24.0 " C&C Dist a: 3.00 ft Bearing I is a rigid surface. FT/RT:20(0)/10(0) Loc. from endwall: not in 4.50 ft Members not listed have forces less than 375# GCpi: 0.18 Plate Type(s): Maximum Web Forces Per Ply (lbs) Wind Duration: 1.60 VIEW Ver: 18.02.01B.0321.08 WAVE Webs Tens.Comp.

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3 :W3 2x4 SP #2:

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 0 plf at 2 plf at 0 plf at -2.12 to TC: From 60 plf at TC: From BC: From 0.00 to -2.12 to 2 plf at 7.48 0.00 4 plf at 0.00 to BC: From 2 plf at 2 plf at 60 lb Conc. Load at 1.88 -9 lb Conc. Load at 1.88 TC: 184 lb Conc. Load at 4.71 75 lb Conc. Load at 1.88 BC: 125 lb Conc. Load at 4.71

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-5-0.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



C-F

118 - 398

#0-278 09/25/2019

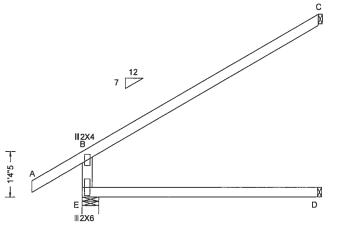
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING! **IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 516413 / Cust: R R215 JRef: 1WOT2150002 T16 **EJAC** Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 2 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22147 / YK 09/25/2019 Truss Label: J06



7'

		1'6"			7	71
Loading	Criteria (psf)	Wind Criteria	Snow C	riteria (Pg	,Pf in PSF)	Defl/CSI Criteria
TCLL:	20.00	Wind Std: ASCE 7-10	Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/defl
TCDL:	10.00	Speed: 130 mph	Pf: NA		Ce: NA	VERT(LL): 0.000 B 999
BCI I	0.00	Enclosure: Closed	Luc MA	Ce: NA		VERTICEN: 0.001 R 000

Lu: NA Cs: NA

Snow Duration: NA

	EXP: C Kzt: NA	
25	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

DefI/CSI Criteria							
PP Deflecti	on in	loc	L/defl	L/#			
VERT(LL):	0.000	В	999	240			
VERT(CL):	0.001	В	999	180			
HORZ(LL):	-0.001	В	-	-			
HORZ(TL):	0.001	В	-	-			
Creep Fact	or: 2.0						
Max TC CS	1: 0.8	358					
Max BC CS	3.0	607					
Max Web C	SI: 0.0	84					
VIEW Ver: 18.02.01B.0321.08							

	▲ M	axim	um Rea	actions (I	bs)			
		C	aravity		No	on-Grav	vity	
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/RL	
)	Е	402	/-	/-	/298	/125	/-	
	D	146	/-	/-	/94	<i>J</i> -	/-	
	С	200	/-	/-	<i>1</i> 75	/8	/141	
	Win	d rea	ctions b	ased on	MWFRS			
	Е	Brg \	Vidth =	6.0	Min Re	q = 1.5	;	
	D	Brg \	Vidth =	1.5	Min Re	q = -		
C Brg Width = 1.5 Min Req = -								
	Bearing E is a rigid surface.							
	Mer	nbers	not list	ed have f	orces less	than 3	375#	

Lumber

BCLL:

BCDL:

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

Load Duration: 1.3 Spacing: 24.0 "

0.00

10.00 Des Ld: 40.00 NCBCLL: 10.00

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

Risk Category: II

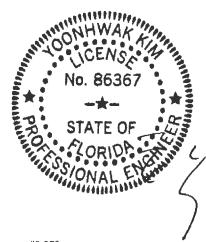
Wind

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 5-5-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

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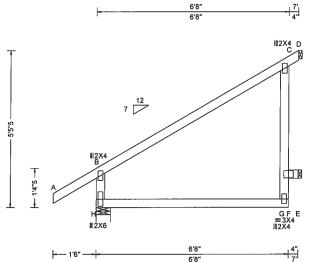
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SEQN: 516502 / EJAC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T17 / DrwNo: 268.19.1336.22116 /Streer-Lot 4 Wilson PLace /Gibrattor Contr. FROM: CDM Qty: 2 Truss Label: J07 / YK 09/25/2019



Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7-10	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/#	▲ Maximum Reactions (Ib	os) Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.039 F 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.076 F 999 180 HORZ(LL): 0.023 C	H 387 /- /- E 7 /- /- D 266 /- /-	/298 /125 /- /4 /- /- /164 /- /141
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Ld: 40.00 BCLL: 10.00 it: 2.00 d Duration: 1.25 Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max BC CSI: 0.550 Max Web CSI: 0.084	Wind reactions based on M H Brg Width = 6.0 E Brg Width = 1.5 D Brg Width = 1.5 Bearing H is a rigid surface Members not listed have fo	MVFRS Min Req = 1.5 Min Req = - Min Req = -
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		

Lumber

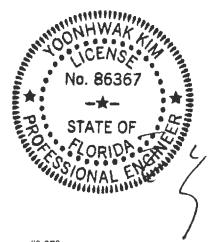
Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

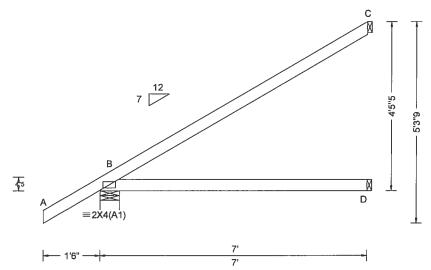
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6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 516406 / EJAC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T64 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.21944 FROM: CDM Qty: 3 Truss Label: J08 / YK 09/25/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Re
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ /R-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 396 /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 D	D 129 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.026 D	C 181 /-
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	Wind reactions I
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.696	B Brg Width =
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.511	D Brg Width =
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = Bearing B is a ri
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Members not list
	GCpi: 0.18	Plate Type(s):		THE THE CITY OF THE

WAVE

▲ Maxin	ium Rea	actions (I	bs)			
	Gravity		No	on-Gra	vity	
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
B 396	/-	/-	/271	/42	/141	
D 129	/-	/-	/89	/0	/-	
C 181	/-	/-	/90	/78	/-	
Wind rea	actions b	ased on I	MWFRS			
B Brg	Width =	6.0	Min Re	q = 1.5	5	
D Brg	Width =	1.5	Min Re	q = -		
C Brg	Width =	1.5	Min Re	q = -		
Bearing B is a rigid surface.						
_		ed have fo		s than	375#	

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Wind Duration: 1.60

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-5-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



VIEW Ver: 18.02.01B.0321.08

#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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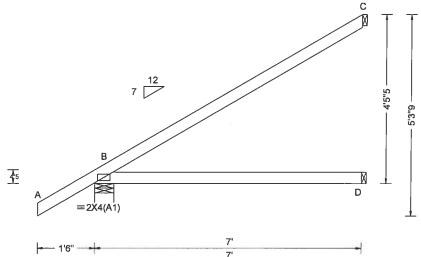
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

SEQN: 516402 / EJAC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T54 FROM: CDM Qty: 14 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336,22397 Truss Label: J09 09/25/2019 / YK



	1'6"	•	7'	-
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II	Snow Criteria (Pg,Pfin PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 D	Loc F B 39 D 12
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.026 D Creep Factor: 2.0 Max TC CSI: 0.696 Max BC CSI: 0.511 Max Web CSI: 0.000	C 18 Wind r B Br D Br C Br Bearing
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

A IVI	iximu	ım R	eac	tions (
	G	ravity	y		No	on-Gra	vity
Loc	R+	/ R-		/Rh	/ Rw	/ U	/RL
в 3	396	/-		/-	/271	/42	/141
D 1	129	/-		/-	/89	/0	/-
C :	181	/-		/-	/90	/78	/-
Wind	reac	tions	bas	sed on I	MWFRS		
В	Brg V	Vidth	= 6	.0	Min Re	q = 1.5	5
D I	Brg V	√idth	= 1.	.5	Min Re	q = -	
C	Brg V	Vidth	= 1.	.5	Min Re		
Bearing B is a rigid surface.							
Mem	bers	not li	sted	have f	orces less	than	375#

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Wind

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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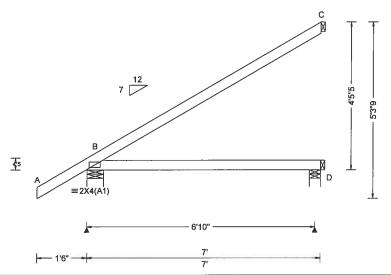
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trussesA seal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

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

SEQN: 516436 / EJAC Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WQT2150002 T6 / DrwNo: 268.19.1336.21883 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. FROM: CDM Qty: 2 Truss Label: J10 / YK 09/25/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	(5)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Loc R+ /R- /Rh	Non-Gravity / Rw / U / RL
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(LL): NA VERT(CL): NA HORZ(LL): 0.011 D	B 376 /- /- D 1071 /- /-	/252 /3 /94 /766 /17 /-
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.022 D - Creep Factor: 2.0 Max TC CSI: 0.664 Max BC CSI: 0.377 Max Web CSI: 0.000	D - /-911 /- C 176 /- /- Wind reactions based on M B Brg Width = 6.0 D Brg Width = 4.0 D Brg Width = 1.5 C Brg Width = 1.5	Min Req = 1.5 Min Req = 1.5 Min Req = - Min Req = -
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	Bearings B & D are a rigid : Members not listed have fo	

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

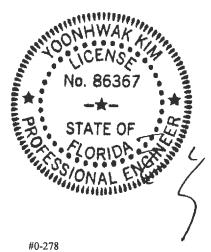
Additional Notes

Refer to General Notes for additional information

Negative reaction(s) of -911# MAX. from a non-wind load case requires uplift connection. See Maximum

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

Provide (3) 16d common 0.162"x3.5", toe-nails at TC. Provide hanger or special connection at BC.



09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

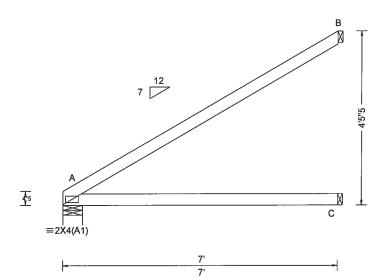
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SEQN: 516411 / EJAC Job Number: 19-3541 Cust: R R215 JRef; 1WOT2150002 T30 Ply: 1 DrwNo: 268.19.1336.23020 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. / YK 09/25/2019 Truss Label: J11



Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7-10	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria PP Deflection in loc L/defl L/#	▲ Maximum Reactions (lbs) Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed Risk Category: II	Lu: NA Cs: NA	VERT(CL): NA	A 286 /- /- /181 /- /77
BCDL: 10.00	EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.016 C	C 131 /- /- /94 /- /- B 187 /- /- /96 /41 /-
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.032 C	Wind reactions based on MWFRS A Brg Width = 6.0 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#
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

Lumber

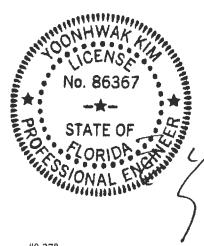
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-5-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

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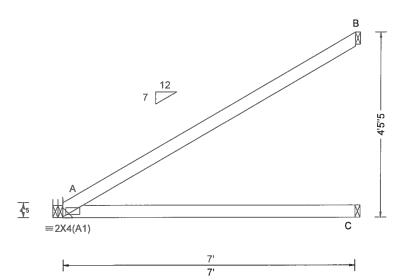
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For more information see this job's ceneral notes page and these web sites: ALPINE: www.lipinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe



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

Cust: R R215 JRef: 1WOT2150002 T55 SEQN: 516468 / Job Number: 19-3541 EJAC Ply: 1 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268,19,1336,22428 09/25/2019 Truss Label: J12 / YK



Loading Criteria (psf)	Wind
TCLL: 20.00	Wind
TCDL: 10.00	Spee
BCLL: 0.00	Enclo
BCDL: 10.00	Risk
Des Ld: 40.00	EXP:
	Mear
NCBCLL: 10.00	TCD
Soffit: 2.00	BCD
Load Duration: 1.25	MWF
Spacing: 24.0 "	C&C
	Loc. 1

d Criteria d Std: ASCE 7-10 ed: 130 mph osure: Closed Category: II C Kzt: NA n Height; 15.00 ft L: 5.0 psf L: 5.0 psf RS Parallel Dist: h to 2h Dist a: 3.00 ft from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Cs: NA Lu: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.017 C HORZ(TL): 0.033 C Creep Factor: 2.0 Max TC CSI: 0.751 Max BC CSI: 0.532 Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ ħ	▲ Maximum Reactions (Ibs)							
	G	Gravity		No	on-Gra	ıvity		
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Α	285	/-	/-	/181	/-	<i>1</i> 77		
С	131	/-	/-	/94	/-	/-		
В	188	/-	<i>J</i> -	/97	/41	/-		
Wii	nd read	ctions b	ased on I	MWFRS				
Α	Brg V	Vidth =	-	Min Re	q = -			
С	Brg V	Vidth =	1.5	Min Re	q = -			
В	Brg V	Vidth =	1.5	Min Re	q = -			
Members not listed have forces less than 375#								

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

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

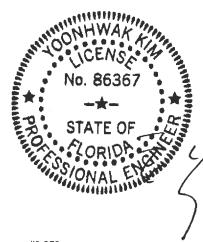
Bearing at location x=0' uses the following support conditions: 0 Bearing A (0', 9'1"2) LUS26 Supporting Member: (2)2x8 SP 2400f-2.0E (4) 0.148"x3" nails into supporting member, (3) 0.148"x3" nails into supported

member.

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

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



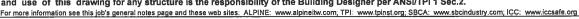
#0-278 09/25/2019

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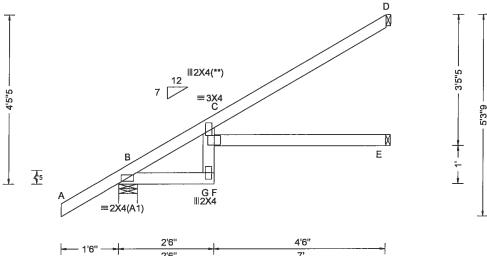
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For more information see this lob's general notes page and these web sites. ALPINE: www.slopinetiw.com. TPI: www.tbinstorg. SBCA: www.sbcindustry.com, ICC: www.iccsafe





Cust R R215 JRef 1WOT2150002 T37 / SEQN: '516520 / EJAC Job Number: 19-3541 Ply: 1 FROM: CDM Qty: 6 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268,19.1336,22617 / YK 09/25/2019 Truss Label: J13



	 1'6" 	2'6"	4'6" 7'	-	
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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.181 F 454 240 VERT(CL): 0.350 F 235 180 HORZ(LL): 0.112 C HORZ(TL): 0.217 C Creep Factor: 2.0	Gravity Loc R+ /R- /Rh B 396 /- /- E 102 /- /- D 197 /- Wind reactions based on M B Brg Width = 6.0 E Brg Width = 1.5 D Brg Width = 1.5 Bearing B is a rigid surface. Members not listed have for	Non-Gravity / Rw / U / RL /271 /42 /141 /71 /0 /- /108 /78 /- WFRS Min Req = 1.5 Min Req = - Min Req = -
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		

Lumber

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

Plating Notes

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

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

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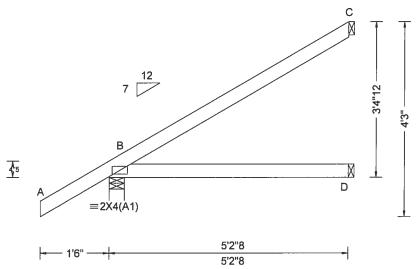
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For more information see this job's ceneral notes eage and these web sites. ALPINE: www.slipinstiw.com; TPI; www.ipinsto.gr; SBCA: www.sbcindustry.com, ICC: www.iccsafe

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

SEQN: 516412 / Cust: R R215 JRef: 1WOT2150002 T7 / **JACK** Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 2 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22723 Truss Label: J14 / YK 09/25/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defi/CSI
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Defle
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CI
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TI
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Fa
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC (
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC (
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web
· =	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	

WAVE

À	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA
1	HORZ(LL): 0.005 D
4	HORZ(TL): 0.009 D
ı	Creep Factor: 2.0
ı	Max TC CSI: 0.337
١	Max BC CSI: 0.271
1	Max Web CSI: 0.000
ł	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (Ibs)								
	G	Gravity		No	on-Gra	vity		
Loc R+ /R- /Rh		/ Rw	/ U	/ RL				
В	328	/-	/-	/229	/40	/111		
D	94	/-	/-	/66	/-	/-		
С	129	/-	/-	/63	/56	/-		
Win	d read	ctions b	ased on I	MWFRS				
В	Brg V	Vidth =	4.0	Min Re	q = 1.5	5		
D	Brg V	Vidth =	1.5	Min Re	q = -			
С	Brg V	Vidth =	1.5	Min Re	q = -			
Bearing B is a rigid surface.								
	-	_		orces les	s 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 Duration: 1.60

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 3-4-12.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

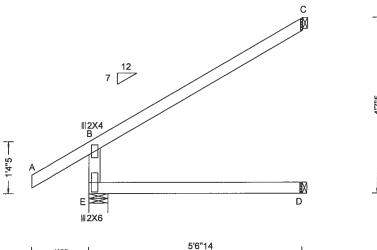
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trussesA seal on this drawing or cover page listing this drawing,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

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

6750 Forum Drive Suite 305 Orlando FL, 32821

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

Cust R R215 JRef 1WOT2150002 T13 SEQN: "516396 / **JACK** Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibrattor Contr. DrwNo: 268.19.1336.22473 09/25/2019 Truss Label: J15



- 1'6"							
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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Snow Criteria (Pg.Pfin PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL):-0.001 B - HORZ(TL): 0.001 B - Creep Factor: 2.0	E 333 /- /- D 111 /- /- C 154 /- /- Wind reactions based on M\ E Brg Width = 6.0 D Brg Width = 1.5	Non-Gravity / Rw / U / RL /261 /109 /- /74 /- /- /64 /1 /117 WFRS Min Req = 1.5 Min Req = - Min Req = -		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08				

Lumber

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

Wind

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-7-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

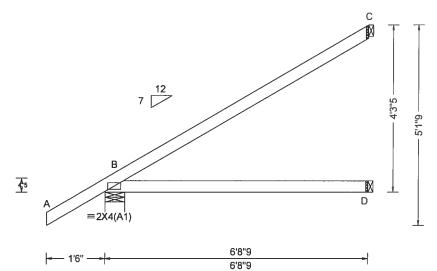
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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-2 for standard plate positions.

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

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

6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 516405 / JACK Ply: 1 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T10 FROM: CDM Qty: 1 DrwNo: 268,19,1336,22567 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. Truss Label: J16 / YK 09/25/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (I	bs)
TCLL: 20.00 TCDL: 10.00	Wind Std: ASCE 7-10 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): NA	Gravity Loc R+ / R- / Rh	Non-Gravity / Rw / U / RL
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	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	Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 VERT(CL): NA HORZ(LL): 0.012 D Creep Factor: 2.0 Max TC CSI: 0.630 Max BC CSI: 0.468		B 385 /- /- D 123 /- /- C 173 /- /- Wind reactions based on f B Brg Width = 6.0 D Brg Width = 1.5 C Brg Width = 1.5	/264 /42 /136 /85 /- /- /86 /74 /- WWFRS Min Req = 1.5 Min Req = -
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max Web CSI: 0.000 VIEW Ver: 18.02.01B.0321.08	Bearing B is a rigid surface Members not listed have fo	Э.

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWINGI

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

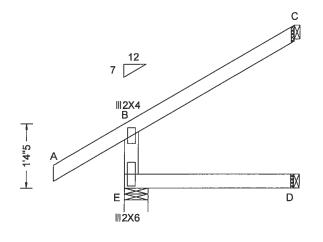
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 13 Sec.2.

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

6750 Forum Drive Suite 305 Orlando FL, 32821

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

Cust R R215 JRef 1WOT2150002 T14 / SEQN: 516460 / JACK Job Number: 19-3541 Ply: 1 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.23066 Truss Label: J17 / YK 09/25/2019



- 1'6"

3'6"14

Lumber

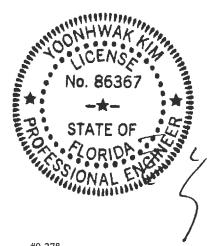
Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

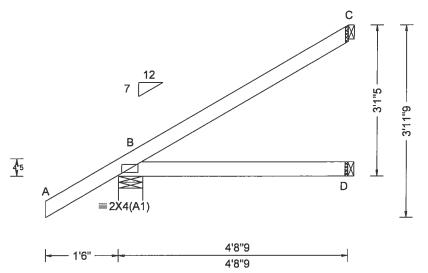
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

For more information see this job's ceneral notes gave and these web sites. ALPINE: www.sloinetw.com; TPI: www.ioinsto.com.SECA: www.sbcindustry.com.ICC: www.iccsafe

6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 516465 / JACK Job Number: 19-3541 Cust: R R215 JRef; 1WOT2150002 T11 / Ply: 1 Qty; 1 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22272 / YK 09/25/2019 Truss Label: J18



	Loading Criteria (psf)
ĺ	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
i	Spacing: 24.0 "
ı	

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf

BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft

GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)

Snow Duration: NA

Plate Type(s):

WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 D HORZ(TL): 0.006 D Creep Factor: 2.0

Max TC CSI: 0.261 Max BC CSI: 0.218 Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs) Gravity

Non-Gravity /RL Loc R+ / R-/Rw /U В 311 /219 /40 /103 /-/60 84 115 /-/-/55 /50 /-Wind reactions based on MWFRS Brg Width = 6.0 Min Req = 1.5Brg Width = 1.5 Min Req = -Brg Width = 1.5 Min Req = -

Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

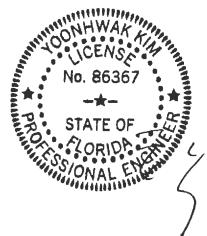
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

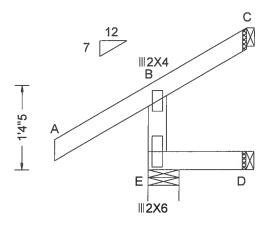
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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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 Aseal 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 5ce.2.

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

6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: '516433 / JACK Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T15 DrwNo: 268.19.1336.22646 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. / YK 09/25/2019 Truss Label: J19





l	1'6"	 1'6"14	اــا
-	10	1'6"14	

1		1014	דו ת				
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240	▲ Maximum Reactions (Gravity Loc R+ /R- /Rh			
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B	D 31 /- /-			
Des Ld: 40.00 M NCBCLL: 10.00 Tr Soffit: 2.00 B Load Duration: 1.25 M Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.000 B	C 1 /-2 /- Wind reactions based on E Brg Width = 6.0 D Brg Width = 1.5 C Brg Width = 1.5 Bearing E is a rigid surfa Members not listed have			
	Wind Duration: 1.60	WAVE	VIEW Ver. 18.02.01B.0321.08]			

R+	ravity / R-	/Rh		on-Gra	•		
	/ R-	/Rh	/ Rw	7.1.1			
			. 1 ()	/ U	/RL		
206	/-	/-	/181	<i>1</i> 74	/-		
31	/-	/-	/21	/-	/-		
1	/-2	/-	/43	/41	/50		
nd read	ctions b	MWFRS					
Brg V	Vidth =	6.0	Min Re	q = 1.5	5		
Brg V	Vidth =	1.5	Min Re	q = -			
Brg V	Vidth =	1.5	Min Re	q = -			
Bearing E is a rigid surface.							
mbers	not liste	ed have f	orces less	s than	375#		
	31 1 nd read Brg V Brg V Brg V	31 /- 1 /-2 nd reactions b Brg Width = Brg Width = Brg Width = aring E is a rig	31 /- /- 1 /-2 /- nd reactions based on l Brg Width = 6.0 Brg Width = 1.5 Brg Width = 1.5 aring E is a rigid surface	31	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		

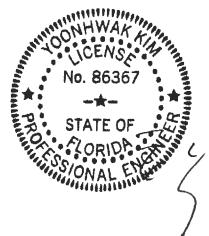
Lumber

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

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

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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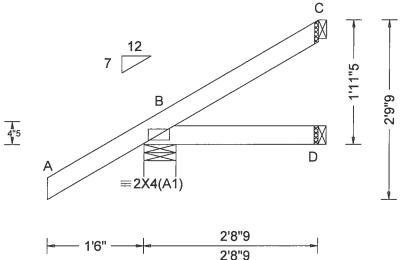
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For more information see this job's general notes page and these web sites: ALPINE: www.slipinetiw.com; TPI: www.tipinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe

6750 Forum Drive Suite 305 Orlando FL, 32821

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

SEQN: 516439 / Cust: R R215 JRef: 1WOT2150002 T12 JACK Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22770 Truss Label: J20 / YK 09/25/2019



Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 1-11-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

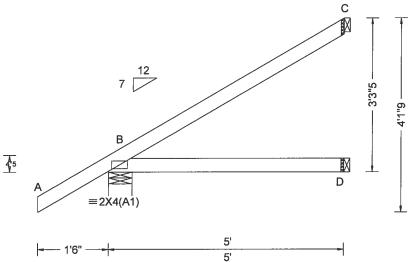
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety, Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

SEQN. 516453 / JACK Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T66 Ply: 1 DrwNo: 268.19.1336.22988 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. / YK 09/25/2019 Truss Label: J21



	- 10	-1-	5'	I	
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/#	▲ MaxImum Reactions (II Gravity Loc R+ /R- /Rh	bs) Non-Gravity / Rw / U / RL
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	VERT(CL): NA HORZ(LL): 0.004 D HORZ(TL): 0.008 D Creep Factor: 2.0 Max TC CSI: 0.304 Max BC CSI: 0.248 Max Web CSI: 0.000	B 321 /- /- D 90 /- /- C 123 /- /- Wind reactions based on N B Brg Width = 6.0 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have for	Min Req = 1.5 Min Req = - Min Req = - e.
	Wind Duration: 1.60	WAVE	VIEW Ver 18 02 01B 0321 08		

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Wind

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 3-3-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

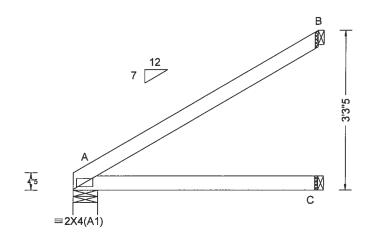
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

6750 Forum Drive Suite 305 Orlando FL, 32821 SEQN: 516458 / **JACK** Ply: 1 Job Number: 19-3541 Cust R R215 JRef: 1WOT2150002 T2 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.21943 Truss Label: J22 / YK 09/25/2019



 0.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	D. 51001 0 11 11
Γ	5'
L	5'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.006 C
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.012 C Creep Factor: 2.0 Max TC CSI: 0.354 Max BC CSI: 0.266 Max Web CSI: 0.000
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs) Gravity Non-Gravity							
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
A 206	/-	/-	/130	<i>1</i> 7	/82		
C 93	/-	/-	/67	/2	/-		
B 133	/-	/-	/68	/57	/-		
Wind reactions based on MWFRS							
A Brg \	Vidth =	6.0	Min Re	q = 1.8	5		
C Brg \	Vidth =	1.5	Min Re	q = -			
B Brg \	Nidth =	1.5	Min Re	q = -			
Bearing A is a rigid surface.							
Members	not liste	ed have f	orces less	s than	375#		

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Wind

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 3-3-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

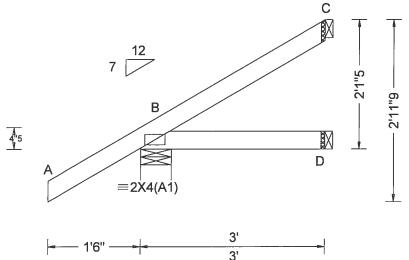
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For more information see this lob's general notes page and these web sites: ALPINE: www.slpineitw.com; TPI: www.tipinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe

Suite 305 Orlando FL, 32821

SEQN: 516422 / JACK Cust: R R215 JRef: 1WOT2150002 T65 / Ply: 1 Job Number: 19-3541 FROM: CDM Qty: 2 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268,19,1336,22708 Truss Label: J23 / YK 09/25/2019



			•	
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA		▲ Maximum Reactions (Ibs) Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): NA VERT(CL): NA HORZ(LL): 0.001 D HORZ(TL): 0.001 D	B 254 /- /- /185 /40 /74 D 50 /- /- /39 /2 /- C 60 /- /- /24 /28 /-
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.178 Max BC CSI: 0.073 Max Web CSI: 0.000	Wind reactions based on MWFRS B Brg Width = 6.0 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#
	Wind Duration: 1.60	WAVE	VIEW Ver. 18.02.01B.0321.08	

Lumber

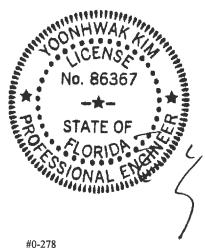
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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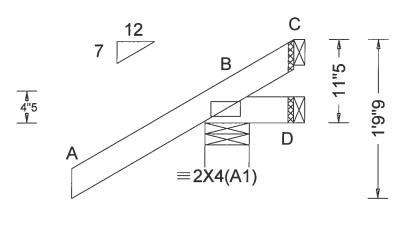
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 516476 / **JACK** Ply: 1 Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T22 FROM: CDM DrwNo: 268,19,1336,22645 Qty: 2 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. / YK 09/25/2019 Truss Label: J24





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 Dura	ation: 1.25
Spacing: 2	24.0 "
1	

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf

MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any

GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA

Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/#

VERT(CL): NA HORZ(LL): -0.000 D HORZ(TL): 0.001 D Creep Factor: 2.0 Max TC CSI: 0.173 Max BC CSI: 0.023 Max Web CSI: 0.000

VERT(LL): NA

VIEW Ver. 18.02.01B.0321.08

▲ Maximum Reactions (Ibs)

	G	Gravity	•	. No	on-Gra	vity
Lo	c R+	/ R-	/Rh	/ Rw	/ U	/RL
В	245	/-	/-	/199	/65	/41
D	6	/-16	/-	/18	/18	/-
С	-	/-53	/-	/33	/57	/-
Wi	nd read	ctions b	ased on	MWFRS		
В	Brg V	Vidth =	6.0	Min Re	q = 1.5	5
_					•	

Brg Width = 1.5 Min Reg = -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 loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 0-11-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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For more information see this job's general notes page and these web sites. APINE: www.leipieitw.com; TPI: www.ipinst.org. SBCA, www.sbcindustry.com. ICC: www.iccsafe

6750 Forum Drive Suite 305 Orlando FL, 32821 SEON: 516513 / Job Number: 19-3541 JACK Ply: 1 Cust: R R215 JRef: 1WOT2150002 T57 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.21897 Truss Label: J25 / YK 09/25/2019 D Ε 45 GF ∥2X4 $\equiv 2X4(A1)$ 2'6" 2'6" 2'6" 5'

Loading	Criteria (psf)	Wind 0
TCLL:	20.00	Wind S
TCDL:	10.00	Speed:
BCLL:	0.00	Enclos
BCDL:	10.00	Risk Ca
Des Ld:		EXP: C
		Mean H
NCBCLL		TCDL:
Soffit:	2.00	BCDL:
Load Dur	ation: 1.25	MWFR
Spacing:	24.0 "	C&C D
		Loc. fro

Criteria Std: ASCE 7-10 130 mph ure: Closed ategory: II Kzt: NA Height: 15.00 ft 5.0 psf 5.0 psf RS Parallel Dist: 0 to h/2 ist a: 3.00 ft om endwall: not in 4,50 ft GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Ct: NA CAT: NA Pg: NA Pf: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes

FT/RT:20(0)/10(0)

Plate Type(s):

WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.049 F 999 240 VERT(CL): 0.094 F 616 180 HORZ(LL): 0.031 C HORZ(TL): 0.058 C Creep Factor: 2.0 Max TC CSI: 0.400 Max BC CSI: 0.111 Max Web CSI: 0.159

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (Ibs)							
	G	ravity		No	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	321	/-	/-	/225	/40	/108	
Е	60	/-	/-	/42	/1	/-	
D	138	/-	/-	/77	/52	/-	
Wi	nd read	ctions ba	ased on	MWFRS			
В	Brg V	Vidth =	6.0	Min Re	q = 1.5	5	
Ε	Brg V	Vidth =	1.5	Min Re	Min Reg = -		
D	Brg V	Vidth =	1.5	Min Re	q = -		
Bearing B is a rigid surface.							
Мe	mbers	not liste	d have f	orces les	s than	375#	

Lumber

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

Plating Notes

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

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWINGI

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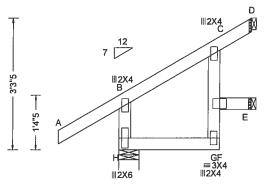
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For more information see this job's general notes page and these web sites: ALPINE; www.alpineitw.com, TPI: www.tpinst.org, SBCA: www.sbcindustry.com, ICC: www.iccsafe.org

SEQN: 516515 / JACK Ply: 1 Job Number: 19-3541 Cust: R R215 JRef 1WOT2150002 T31 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22958 Truss Label: J26 / YK 09/25/2019





		1'6"	2'6" 9"7 2'6" 3'3"7		
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/#		hs) Non-Gravity / Rw / U / RL /208 /82 /- /55 /17 /10 /42 /6 /73
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Creep Factor: 2.0	Wind reactions based on M H Brg Width = 6.0 E Brg Width = 1.5 D Brg Width = 1.5 Bearing H is a rigid surface Members not listed have for	MWFRS Min Req = 1.5 Min Req = - Min Req = - e.

Lumber

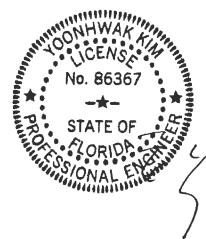
Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #3

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 3-3-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

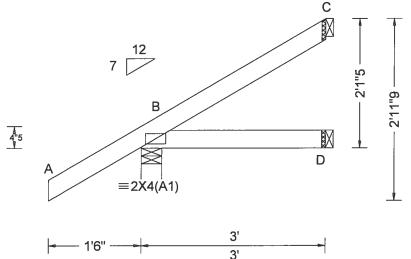
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SEQN: 516420 / JACK Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T52 Ply: 1 DrwNo: 268.19.1336.23176 FROM: CDM Qty: 5 /Streer-Lot 4 Wilson PLace /Gibrattor Contr. / YK 09/25/2019 Truss Label: J27



			· ·	
Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-10	Snow Criteria (Pg,Pf in PSF) Pa: NA Ct: NA CAT: NA	Defi/CSI Criteria PP Deflection in loc L/defl L/#	▲ Maximum Reactions (Ibs) Gravity Non-Gravity
TCLL: 20.00 TCDL: 10.00	Speed: 130 mph	Pf: NA CE: NA CAT. NA	VERT(LL): NA	Loc R+ /R- /Rh /Rw /U /
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): NA HORZ(LL): 0.001 D HORZ(TL): 0.001 D	B 254 /- /- /185 /40 /7 D 50 /- /- /39 /2 /- C 60 /- /- /24 /28 /-
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0	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
	Wind Duration: 1.60	WAVE	VIEW Ver. 18.02.01B.0321.08	

Lumber

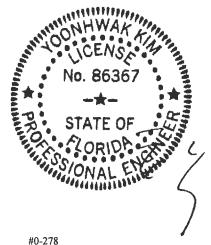
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 2-1-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



09/25/2019

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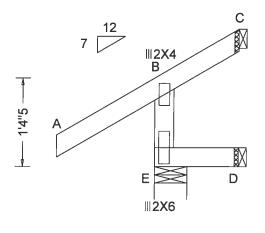
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For more information see this lob's general notes page and these web sites: ALPINE: www.alpineitw.com, TPI: www.tpinstorg. SBCA: www.sbcindustry.com; ICC: www.iccsafe

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

SEQN: 516459 / JACK Ply: 1 Job Number: 19-3541 Cust R R215 JRef: 1WOT2150002 T50 / FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22083 Truss Label: J28 / YK 09/25/2019





ام ــــــــــــــــــــــــــــــــــــ	e"	 1'3"7	_1
	0	1'3"7	

	Loading Criteria (psf)	V
	TCLL: 20.00	W
	TCDL: 10.00	S
	BCLL: 0.00	E
ı	BCDL: 10.00	R
	Des Ld: 40.00	E
	NCBCLL: 10.00	M
	Soffit: 2.00	TI B
	Load Duration: 1.25	М
	Spacing: 24.0 "	C
	Opasing, 24.0	ĭ
ĺ		-

Vind Criteria Vind Std: ASCE 7-10 Speed: 130 mph nclosure: Closed Risk Category: II XP: C Kzt: NA lean Height: 15.00 ft CDL: 5.0 psf CDL: 5.0 psf /IWFRS Parallel Dist: 0 to h/2 &C Dist a: 3.00 ft oc. from endwall: not in 4.50 ft GCpi: 0.18

Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)					
Pg: NA	Ct: NA	CAT: NA			
Pf: NA		Ce: NA			
Lu: NA	Cs: NA				
Snow Duration: NA					

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B HORZ(TL): 0.000 B Creep Factor: 2.0 Max TC CSI: 0.173 Max BC CSI: 0.018 Max Web CSI: 0.070

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (Ibs)						
Gravity				Non-Gravity		
Loc	R+	/ R-	/Rh	/ Rw	/ U	/RL
Е	205	/-	/-	/183	<i>1</i> 74	/-
D	26	<i>I-</i>	<i>I</i> -	/17	/-	/-
С	-	/-18	/-	/46	/53	/46
Wir	nd reac	tions bas	sed on M	WFRS		
E	Brg W	/idth = 6.	.0	Min Red	= 1.5	
D	Brg V	/idth = 1.	.5	Min Red	i = -	
С	Brg W	/idth = 1.	.5	Min Red	i = -	
Bea	rina 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 loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

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

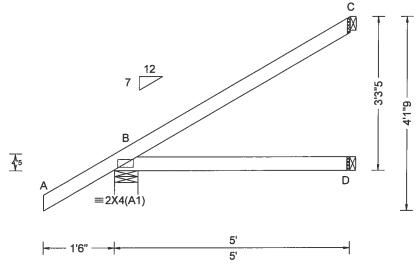
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

Cust R R215 JRef: 1WOT2150002 T51 / SEQN: 516419 / JACK Job Number: 19-3541 Ply: 1 FROM: CDM Qty: 2 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22537 09/25/2019 Truss Label: J29



	Loading Criteria (psf)
	TCLL: 20.00
	TCDL: 10.00
	BCLL: 0.00
i	BCDL: 10.00
	Des Ld: 40.00
	NCBCLL: 10.00
	Soffit: 2.00
	Load Duration: 1.25
i	Spacing: 24.0 "
ı	

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf

MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft

GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Pf: NA Ce: NA

Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria

VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 D HORZ(TL): 0.008 D Creep Factor: 2.0

Max TC CSI: 0.304 Max BC CSI: 0.248 Max Web CSI: 0.000

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)

Gravity			No	Non-Gravity		
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
В	321	/-	/-	/225	/40	/108
D	90	/-	/-	/63	/-	/-
С	123	/-	/-	/59	/54	/-
Wind reactions based on MWFRS						
В	Brg \	Vidth =	6.0	Min Re	q = 1.5	5
ח	Dra 1	Alidth -	1.5	Min Do	á	

Brg Width Brg Width = 1.5 Min Req = -

Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

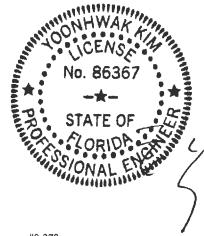
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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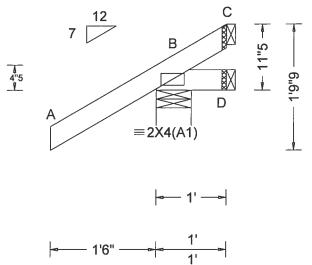
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses Aseal on this drawing or cover page listing this drawing,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

For more information see this job's ceneral notes page and these web siles: ALPINE: www.sipineitw.com; TPI: www.ipinst.org; SBCA; www.sbcindustry.com; ICC; www.iccsafe

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

Cust R R215 JRef 1WOT2150002 T4 SEQN: 516511 / EJAC Piy: 1 Job Number: 19-3541 DrwNo: 268.19.1336.22615 FROM: CDM Qty: 4 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. / YK 09/25/2019 Truss Label: J30



Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7-10	1 -	PP Deflection in loc L/defl L/#	▲ Maximum Reactions (Ibs) Gravity Non-Gravi Loc R+ /R- /Rh /Rw /U	ity / RL
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 D	B 245 /- /- /199 /65 D 6 /-16 /- /18 /18	/41 /-
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.001 D Creep Factor: 2.0 Max TC CSI: 0.173 Max BC CSI: 0.023 Max Web CSI: 0.000	Wind reactions based on MWFRS B Brg Width = 6.0 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 37	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		

Lumber

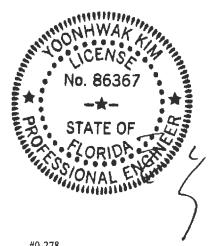
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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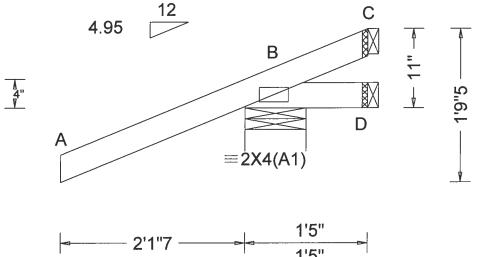
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trussesA seal on this drawing or cover page listing this drawing,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

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

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

SEQN. 516457 / Ply: 1 Job Number: 19-3541 Cust R R215 JRef: 1WQT2150002 T3 / /Streer-Lot 4 Wilson PLace /Gibrattor Contr. DrwNo: 268.19.1336.22146 FROM: CDM Qty: 2 09/25/2019 / YK Truss Label: J31



	I		1'5"		
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES	Defl/CSI Criteria 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	A Maximum Reactions (II Gravity Loc R+ /R- /Rh B 148 /- /- D 5 /-15 /- C - /-28 /- Wind reactions based on M B Brg Width = 8.5	Non-Gravity / Rw / U / RL //245 //110 //41 //30 //28 /- //39 //53 /-
Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max BC CSI: 0.111 Max Web CSI: 0.000	D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have for	

Lumber

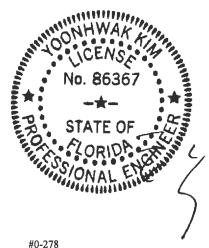
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 0-11-0.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

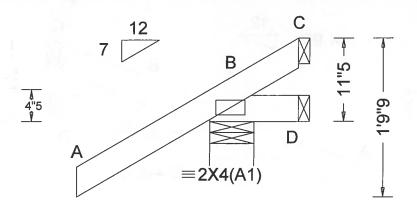
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For more information see this job's general notes page and these web sites: ALPINE; www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 516421 / Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T67 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.23300 FROM: CDM Qty: 4 Truss Label: J32 / YK 09/25/2019





ı						
	Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA	▲ Maximum Reactions (Ib Gravity Loc R+ / R- / Rh	Non-Gravity
ı	BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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	Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	VERT(CL): NA HORZ(LL): -0.000 D HORZ(TL): 0.001 D Creep Factor: 2.0 Max TC CSI: 0.173 Max BC CSI: 0.023 Max Web CSI: 0.000	B 245 /- /- D 6 /-16 /- C - /-53 /- Wind reactions based on M B Brg Width = 6.0 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have fo	Min Req = 1.5 Min Req = - Min Req = -
I		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		

Lumber

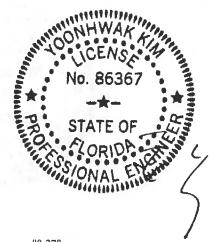
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

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

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 0-11-5.

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWINGI

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

SEQN: 516509 / Ply: 1 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T68 DrwNo: 268.19.1336.22506 FROM: CDM /Streer-Lot 4 Wilson PLace /Gibraltor Contr. Qty: 1 Truss Label: M01 / YK 09/25/2019 5'8" 4'8" ≅3X4 D \equiv 2X4(A1) \equiv 2X4(A1) 6'8" 6'8" – 1'6" – – - 1'6" 6'8" oading Criteria (psf) Wind Criteria Defl/CSI Criteria ▲ Maximum Reactions (lbs) Snow Criteria (Pg,Pf in PSF) Non-Gravity Gravity

Loading	Criteria (pst)	AAII
TCLL:	20.00	Wit
TCDL:	10.00	Spi
BCLL:	0.00	End
BCDL:	10.00	Ris
		EX
Des Ld:		Me
NCBCLL:	10.00	тс
Soffit:	2.00	ВС
Load Dur	ation: 1.25	MΥ
Spacing:	24.0 "	C&
-		Loc

Wind Criteria
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defi/CSI Criteria PP Deflection in IDC L/defl L/# VERT(LL): -0.005 D 999 240 VERT(CL): 0.002 C - - HORZ(LL): -0.002 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 - - Max TC CSI: 0.297 Max BC GSI: 0.062 Max Web CSI: 0.000 - -

VIEW Ver. 18.02.01B.0321.08

Loc R+ /Rw /RL /Rh 7 U / R-В 237 /307 /-Е 237 /-/307 Wind reactions based on MWFRS Brg Width = 6.0 Min Rea = 1.5Brg Width = 6.0 Min Req = 1.5 Bearings B & 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. D-E 437 - 225

Maximum Bot Chord Forces Per Ply (lbs)

B - C 437 - 225 C - D 387 - 231

231 - 387

Chords Tens.Comp.

B - E

Lumber

Top chord 2x4 SP #2 Bot chord 2x6 SP 2400f-2.0E

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 60 plf at 30 plf at -1.50 to 60 plf at 1.00 to 30 plf at TC: From 5.67 60 plf at 5.67 to TC: From BC: From 5 plf at -1.50 to 5 plf at 0.00 BC: From 10 plf at 0.00 to 10 plf at 6.67 5 plf at 6.67 to BC: From 5 plf at -36 lb Conc. Load at 1.04, 5.62 -20 lb Conc. Load at 3.09, 3.58 11 lb Conc. Load at 1.04, 5.62 TC: 6 lb Conc. Load at 3.09, 3.58

Purlins

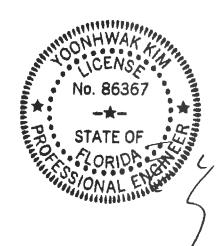
In lieu of structural panels use purlins to brace all flat TC 2 24" oc.

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

Refer to General Notes for additional information
The overall height of this truss excluding overhang is



#0-278 09/25/2019

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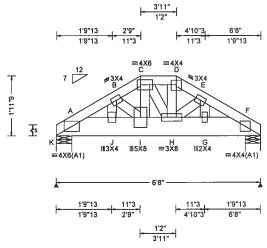
Suite Orla:

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

SEQN: 516507 / HIPS Plv: 2 Job Number: 19-3541 Cust: R R215 JRef: 1WOT2150002 T59 DrwNo: 268.19.1336.22910 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. FROM: CDM Qty: 1 Truss Label: M02 / YK 09/25/2019

2 Complete Trusses Required



Snow Criteria (Pg,Pf in PSF) | Defl/CSI Criteria

	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
i	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.020 I 999 240	<u>L</u>
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.040 I 999 180	Ιĸ
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 B	F
	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.010 B	V
	NCBCLL: 0.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	K
	Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES		F
	Load Duration: 1.2	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.340	В
		WINT INDI GIGINGI DIGE O CO IN L	Rep Fac: No	Max Web CSI: 0.636	N
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	Max VVOD COI. C.CCC	I
		Loc. from endwall: not in 4.50 ft	Plate Type(s):		<u>C</u>
		GCpi: 0.18 Wind Duration: 1.60	WAVE	VIEW Ver. 18.02.01B.0321.08	٦A
		i vvina Duration: 1.60	IVVAVE	1 VIEVV Ver. 10.02.01B.0321.00	1''

▲ Maxin	num Rea	ctions (lbs)		
	Gravity		No	on-Gra	vity
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K 356	6 <i>/</i> -	/-	/-	/722	/-
F 216	9 /-	/-	/-	/409	/-
Wind rea	actions b	ased on	MWFRS		
			Min Re	q = 1.5	i
F Brg	Width =	6.0	Min Re	q = 1.5	i
Bearings K & F are a rigid surface.					
Member	s not liste	ed have	forces less	s than 3	375#
Maximu	m Top C	hord Fo	rces Per	Ply (lb	s)
Chords	Tens.Co	mp.	Chords	Tens.	Comp.
A - B	566 -	2791	D-E	373	- 1905
B-C		2404		336	

A - B B - C C - D	566 - 2791 484 - 2404 339 - 1740	D-E E-F	 - 1905 - 1764
Ç-D	339 - 1740		

Lumber

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

Loading Criteria (psf) Wind Criteria

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

Special Loads

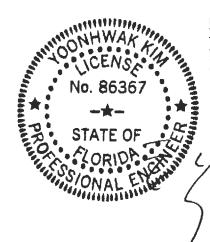
(Lumber	Dur.Fa	ic.=1.	25 / Plate	Dur.Fac.=1.	.25)
TC: From	60 plf	at	0.00 to	60 plf at	6.67
BC: From	20 plf	at	0.00 to	20 plf at	2.37
BC: From	10 plf	at	2.37 to	10 plf at	4.31
BC: From	20 plf	at	4.31 to	20 plf at	6.67
BC: 4936 lb	Conc.	Load	at 2.37	·	
BC: 285 lb	Conc	I nad	at 4.31		

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

Wind loads and reactions based on MWFRS.

Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is 1-11-9.



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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	Comp.	Chords	Tens.	Comp.
A - J	2390	- 484	H-G	1523	- 290
J - I	2351	- 476	G-F	1509	- 286
I-H	2094	- 420			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	Comp.	Webs	Tens. (Comp.
J - B	529	- 107	C-H	145	- 629
B - I	85	- 393	H-D	898	- 169
C-I	1669	- 343			

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

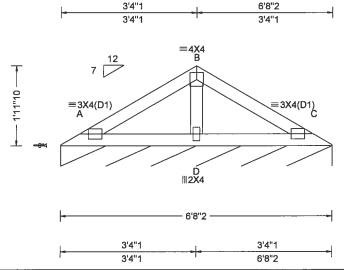
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 180A-Z for standard plate positions.

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

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

SEQN: 516454 / VAL Ply: 1 Job Number: 19-3541 Cust R 215 JRef: 1WOT2150002 T1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. DrwNo: 268.19.1336.22740 FROM: CDM Qty: 1 Truss Label: V01 / YK 09/25/2019



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 Dui	ration: 1.25
Spacing:	24.0 "

Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf

MWFRS Parallel Dist: 0 to h/2

C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA

Lu: NA Cs: NA Snow Duration: NA

Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/# VERT(LL): 0.003 D 999 240 VERT(CL): 0.006 D 999 180 HORZ(LL): -0.001 D HORZ(TL): 0.003 D Creep Factor: 2.0 Max TC CSI: 0.052

Max BC CSI: 0.042 Max Web CSI: 0.048

VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ / R-/Rw /U

C* 78 /-/37 /6 Wind reactions based on MWFRS Brg Width = 80.1 Min Reg =

/RL

Bearing A is a rigid surface.

Members not listed have forces less than 375#

Lumber

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

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

Additional Notes

Refer to General Notes for additional information See DWG VAL160101014 for valley details. The overall height of this truss excluding overhang is 1-11-10.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWINGI

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

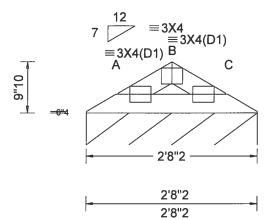
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI 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 83, 87, 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.

Aloine, a division of ITW Building Components Group has about 100 and 100 and

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.

SEQN: 516471 / VAL Job Number: 19-3541 Cust R R215 JRef 1WOT2150002 T72 Ply: 1 DrwNo: 268.19.1336.22677 FROM: CDM Qty: 1 /Streer-Lot 4 Wilson PLace /Gibraltor Contr. Truss Label: V02 / YK 09/25/2019





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00	Wind Std: ASCE 7-10 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.001 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 999 180
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): -0.000
Des Ld: 40.00 NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	HORZ(TL): 0.001 Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.010
Load Duration: 1.25 Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	TPI Std: 2014 Rep Fac: Yes	Max BC CSI: 0.019 Max Web CSI: 0.000
-,	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs), or *=PLF Non-Gravity Gravity /RL Loc R+ /Rh /Rw /U / R-C* 74 /-/31 Wind reactions based on MWFRS C Brg Width = 32.1 Min Req = -Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

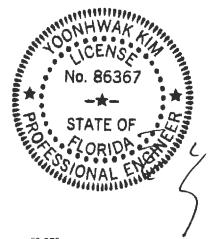
Top chord 2x4 SP M-31 Bot chord 2x4 SP M-31

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

Additional Notes

Refer to General Notes for additional information See DWG VAL160101014 for valley details.

The overall height of this truss excluding overhang is 0-9-10.



#0-278 09/25/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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

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

DRWG A14015ENC101014 ASCE7-10-GAB14015 Gable end supports load from 4' 0' outlookers with 2' 0' overhang, or 12' plywood overhang. Attach 'L' braces with 10d (0.128'x3.0" mh) nalls * For (1) 1' braces space nais at 2' oc. In 13' end zones and 4' oc. between zones.

***For (2) 1' braces space nais at 3' oc. In 18' end zones and 6' oc. between zones. x4 Braces shall be SKB (Stress-Rated Board sefor 1x4 So, Pine use only Industrial 33 or Industrial 43 Stress-Rated Boards, Group values may be used eith these grades, Refer to the Building Besigner for conditions not addressed by this detail. "L" bracho Rust be a rining of 80% of web nember length. Provide uplift connections for 55 pif over continuous bearing (5 psf TC Bead Load). Bracing Group Species and Gradesi Southern Pinemas No Splice 1X4 or 2X3 3X4 Southern Pinems #3 Stud Standard Gable Truss Detail Notesi + Refer to comon truss design for peak, splice, and heel plates. Vind Load deflection criterion is L/240. Gable Vertical Plate Sizes DATE 10/01/14 2 Hen-Fir #1 & Btr #1 Group A Group Bi Vertical Length Less than 4' 0' Greater than 4' 0' 1,00 REF Spruce-Pine-Fir #1 / #2 Standard #3 Stud Douglas Fir-Larch #3 Stud Standard Jouglas Fir-Larch П Kzt 24.0, 육 9 Trusses regar entering the National Parish of ن TOT. L.D. SPACING Exposure Group B (1) 1x4 'L' Brace E (1) 2x4 'L' Brace E (2) 2x4 'L' Brace EE (1) 2x6 'L' Brace E (2) 2x6 'L' Brace Wind Speed, 15' Mean Height, Enclosed, Export 220 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00 Group A Group B Group A Group B Group A 13' 6' 14' 0' Reinforcement 10, 12, 15, 15, 13' 3' 13' 6' 13' 5' 13, 5, 12, 9, 13, 0, 11, 8, 12, 9, 12, 9, 11, 8, Group A Group B Group A Group B 10' 4" 10, 5, 鱼 ģ 10, 3, 11, 3, 9, 5 Stud 10, 10, 10' 8" 10, 8 9, 10, 9, 10, 9, 8, ð, 9, 11, 8, 7, Gable 6, 10, e, e, 8, 8, 7' 5° 8, 2 7 7 9, 4, ,6 6 8, 8, 9, 6 9, 4, 8, 6, e, B , 0 brace; single or double cut (as shown) at 2x4 IF-L #2 or 를 를 를 140 mph å ò က် ည် 8, 6 6 6 B, 6 6 No Braces 4' 11" 2, 2, Sable Truss 4' B' **4**, 8, 5, 1, 4, 8, 5, 1, rí rí 5, 1, 5, 1, ASCE 7-10 Standard Standard Standard Standard Standard Standard Stud Stud Stud Stud Stud Stud Grade #3 꺜떂 #3 # # 유유 Connect diagonal at midpoint of vertical web AN ITW COMPANY Vertical length shown in table above. 2x4 Gable Vertical Spacing Species 13723 Riverport Drive Suite 200 Maryland Heights, MO 63043 SPF SPF Diagonal brace options vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 4508 at each end. Mox web SPF SP SP SP 노 at each ena. nec. total length is 14', **"9**I ,D,O "4S 15, O,C ס'כ' y16ua7 Vertical Gable $M\alpha \times$

Reinforcing CLR

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-reinforecement or scab reinforcement.

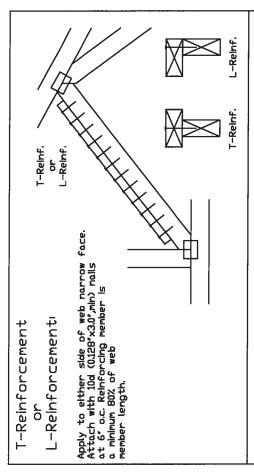
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design With appropriate reinforcement type. Use scabs instead of L- or T- reinforcement on webs with intersecting truss joints, such as K-web joints, that may interfere with proper application along the narrow face of the web.

Alternative Reinforecement	1-2×4	1-2x6	1-2×8
- or L- Reinf. Scab Reinf.	2-2×4	2-2x4080	2-2×6(#)
Alternative Re	2x4	2×4	2x6
T- or L- Reinf.	2x6	2×6	2x6
Specified CLR	1 row	1 row	1 row
Restraint	2 rows	2 rows	2 rows
Veb Member	2x3 or 2x4	2x6	2×8
Size	2x3 or 2x4	2x6	2×8

I-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

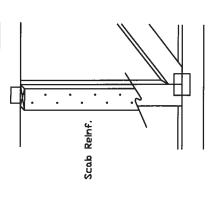
Center scab on wide face of web. Apply (1) scab to each face of web. 8

Member Substitution



Scab Reinforcement

Apply scab(s) to wide face of web. No more than (1) scab per face. Attact with 10d (0.128'x30',min) nails at 6' o.c. Reinforcing member is a minimum 80% of web member length.



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CLR Subst. 01/02/19

DATE REF

PSF

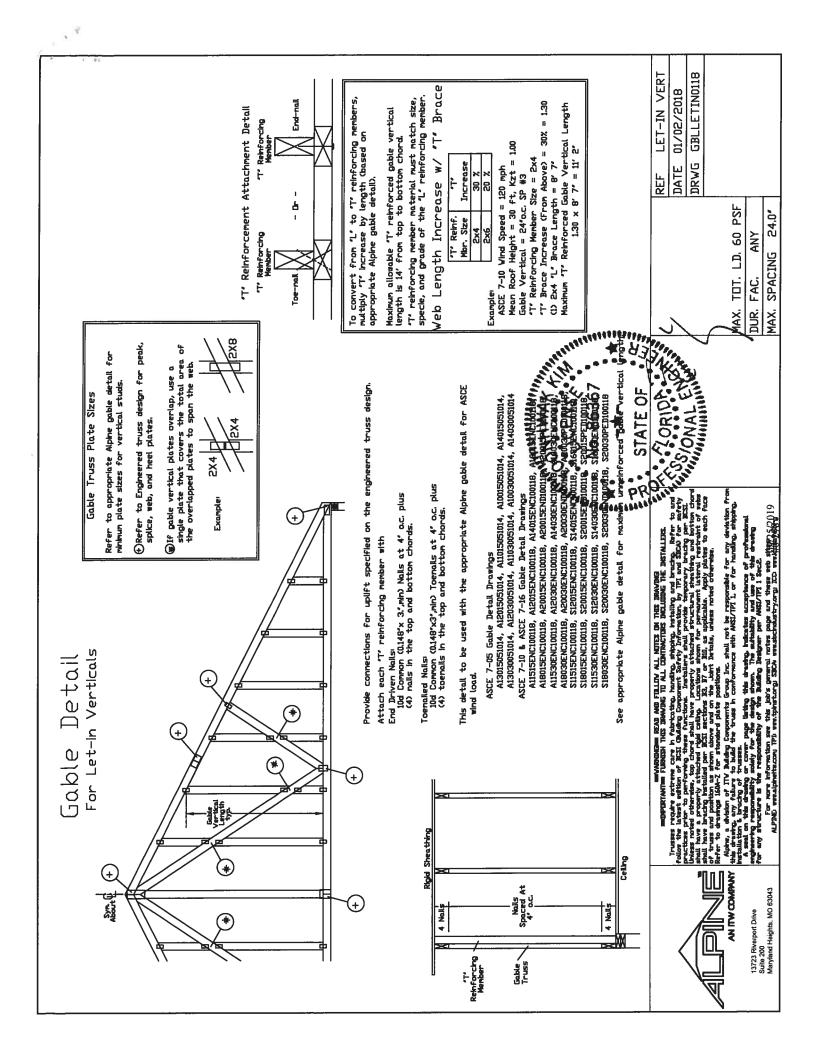
DRVG PSF PSF PSF DUR. FAC. SPACING

waten see this job's general notes page and these web sites con IFD westphistorg SEA westboredistry.org IED westchestorg

13723 Riverport Drive Suite 200 Maryland Heights, MO 63043

AN ITW COMPANY

98/35/2019



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

Top Chord 2×4 SP #2N, SPF #1/#2, DF-L #2 or better. Bot Chord 2×4 SP #2N or SPF #1/#2 or better. Webs 2×4 SP #3, SPF #1/#2, DF-L #2 or better. ** Attach each valley to every supporting truss with:
(2) 16d box (0.135' x 3.5') nalls toe-nalled for
ASCE 7-10 160 mph. 30' Mean Height, Enclosed
Bullding, Exp. C, Wind TC DL=5 psf, Kzt = 1.00
Dr

ASCE 7-10 140 mph. 30' Mean Height, Enclosed Bullding, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

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

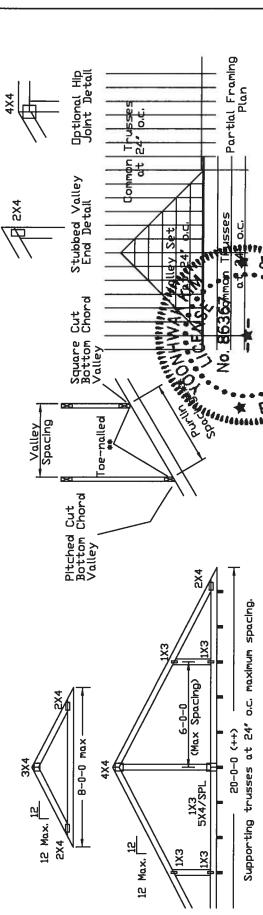
All plates shown are ITW BCG Wave Plates.

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

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

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

- *** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.
- ++ Larger spans may be built as long as the vertical height does not exceed $14^\prime 0^\prime$.



VALLEY DETAIL 10 10 PSF DRWG VAL160101014 10/01/2014 15 7 PSF DATE 30 40PSF REF 0 PSF 55 57PSF DUR.F. 9C. 1.25/1.33 1.15 1.15 24.0 0 50 2 0 9 SPACING A CORION EN BEC DI Fresters require extrave sure in charactico, invalino, stipoto, installing and invaling. Refer to and relative extrave sure in charactico, invalino, stipoto, installing and invaling by the processor of the processor of the processor of the processor of the sure of the processor tion see this job's general notes page and these wab stess of TP's westphystory SICA mesocholostry.org/ ICO westcosafe.org MOPTIETATION FLOREST THIS DRAWING TO ALL CONTINCTORS INCLUDED THE DISTALLERS. AN ITW COMPANY 13723 Riverport Drive Suite 200 Maryland Heights, MO 63043

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