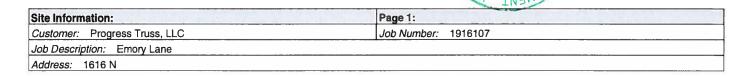
Alpine, an ITW Company 6750 Forum Drive, Suite 305 Orlando, FL 32821 Phone: (800)755-6001 www.alpineitw.com



Job Engineering Criteria:	
Design Code: FBC 2017 RES	IntelliVIEW Version: 18.02.00
	JRef #: 1WNW78790003
Wind Standard: ASCE 7-10	Roof Load (psf): 20.00-10.00- 0.00-10.00
Wind Speed (mph): 140	Floor Load (psf): None

This package contains general notes pages, 33 truss drawing(s) and 3 detail(s).

Item	Seal #	Truss
1	235.19.1447.12172	B1
3	235.19.1458.43530	B3
5	235.19.1447.12173	CJ1
7	235.19.1447.12421	CJ3
9	235.19.1447.12233	CJ5
11	235.19.1447.12467	EJ7
13	235.19.1447.12358	FG1
15	235.19.1447.12345	HJ10
17	235.19.1447.12405	M1
19	235.19.1447.12375	МЗ
21	235.19.1459.37810	M5
23	235.19.1457.14290	M7
25	235.19.1457.17483	M9
27	235.19.1447.12499	MG2
29	235.19.1447.12344	MH5
31	235.19.1447.12249	MHG2
33	235.19.1459.48720	T19

Item	Seal #	Truss
2	235.19.1447.12218	B2
4	235.19.1447.12500	B4
6	235.19.1458.46357	CJ1A
8	235.19.1458.48900	CJ3A
10	235.19.1458.51527	CJ5A
12	235.19.1458.54687	EJ7A
14	235.19.1459.55340	FG2
16	235.19.1500.14893	HJ10A
18	235.19.1447.12297	M2
20	235.19.1447.12174	M4
22	235.19.1456.48537	M6
24	235.19.1457.15920	M8
26	235.19.1457.26923	MG1
28	235.19.1457.36543	MG3
30	235.19.1447.12142	MH6
32	235.19.1459.44480	MHG3

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.

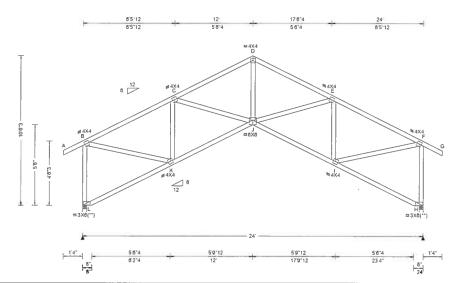
Refer to ASCE-7 for Wind and Seismic abbreviations.

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: 550613 / COMN Ply: 1 Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T22 / FROM: CC Qty: 5 **Emory Lane** DrwNo: 235,19,1447,12172 Truss Label: B1 SSB / WHK 08/23/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defi/CSI Criteria	▲ Maximum Reactions (lbs)	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Grav	vity
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.058 J 999 360	Loc R+ /R- /Rh /Rw /U	/ RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.121 J 999 240	L 1105 /- /- /601 /157	/150
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.070 H	H 1105 /- /- /601 /157	1-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.146 H	Wind reactions based on MWFRS	
NCBCLL: 10.00	Mean Height: 19.68 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	L Brg Width = 3.5 Min Req = 2.1	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.492	H Brg Width = 3.5 Min Req = 2.1	l
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.497	Bearings L & H are a rigid surface.	2754
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.251	Members not listed have forces less than 3 Maximum Top Chord Forces Per Ply (Ib	
	Loc. from endwall: Any	FT/RT:20(0)/10(0)			Comp.
	GCpi: 0.18	Plate Type(s):			·
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	B - C 484 - 1200 D - E 580	

Lumber

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

Plating Notes

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

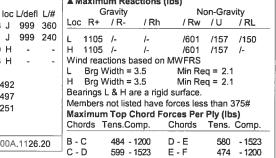
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

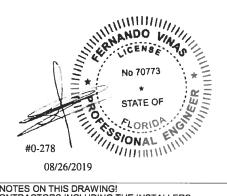


	_	
Maximum Bot Chord	Forces Per	Ply (lbs)
Charde Tone Comp	Charde	Tone Co

Comp. K-J 1173 1173 - 317 - 341

Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	Webs	Tens.	Comp.
B-L	518 - 1016	E-1	273	- 644
B - K	1110 -340	1 - F	1110	- 349
K-C	266 - 644	H - F	510	- 1016
J-D	981 - 289			



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

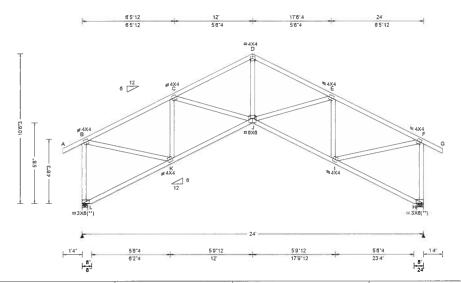
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

SEQN: 550606 / COMN Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T33 / Ply: 1 DrwNo: 235.19.1447.12218 FROM: CC Qty: 15 Emory Lane Truss Label: B2 SSB / WHK 08/23/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reaction
TCLL: 20.00 TCDL: 10.00	Wind Std: ASCE 7-10 Speed: 140 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.058 J 999 360	Gravity Loc R+ /R- /R
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.121 J 999 240 HORZ(LL): 0.070 H -	L 1105 /- /- H 1105 /- /-
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: B Kzt: NA Mean Height: 19.68 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 Bidg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.146 H Creep Factor: 2.0 Max TC CSI: 0.492 Max BC CSI: 0.497 Max Web CSI: 0.251	Wind reactions based L Brg Width = 4.5 H Brg Width = 5.5 Bearings L & H are a r Members not listed ha Maximum Top Chord Chords Tens.Comp.
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	B - C 250 - 1200

Lumber

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

Plating Notes

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

Wind

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

End verticals not exposed to wind pressure.

Additional Notes

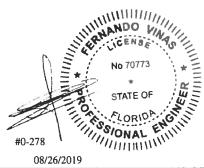
Refer to General Notes for additional information

4	Ma		m Reac	tions (,	on-Grav	it.
- 1			,				
) L	.OC	R+	/ R-	/Rh	/ Rw	/ U	/RL
		1105	/-	/-	/601	/157	/150
1-	1	1105	/-	/-	/601	/157	/-
. V	Vinc	l reac	tions bas	sed on	MWFRS		
L		Brg W	/idth = 4	.5	Min Re	q = 2.5	
	1	Brg W	/idth = 5	.5	Min Re	q = 3.0	
E	lear	ings L	. & H are	a rigio	surface.		
- N	/lem	bers	not listed	have	forces les	s than 3	375#
N	lax	imum	Top Ch	ord Fo	rces Per	Ply (lb:	s)
C	hor	ds T	ens.Con	np.	Chords	Tens.	Comp.
- E	- C	;	250 - 12	200	D-E	273	- 1523
	; - C		288 - 15	523	E-F	232	- 1200

			Chords	Tens. Comp.	
K-J	1173	- 130	J - I	1173	- 140

Maximum Web Forces Per Ply (lbs)

44.002	16113.00	πηρ.	44609	i Gila.	Comp.
B-L	298 -	1016	E-I	132	- 644
B - K	1110	- 136	1 - F	1110	- 154
K-C	120	- 644	H - F	285	- 1016
J-D	981	- 120			



08/26/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

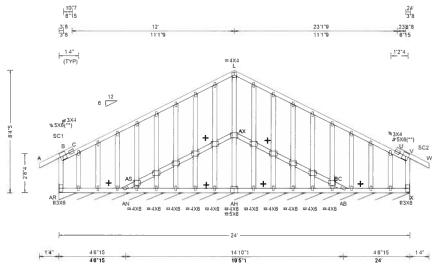
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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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:

SEQN: 552141 GABL Ply: 1 Job Number: 1916107 Cust R 7879 JRef: 1WNW78790003T4 FROM: CC Qty: 1 **Emory Lane** DrwNo: 235.19.1458.43530 Truss Label: B3 SSB / FV 08/23/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	, ,	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.009 V 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.020 V 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.063 B
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.097 B
NCBCLL: 10.00	Mean Height: 19.52 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.400
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.077
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.238
-,	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20

Lumber

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

Plating Notes

All plates are 1.5X4 except as noted.

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

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 2.50 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

End verticals not exposed to wind pressure.

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

+ Member to be laterally braced for out of plane wind loads

Additional Notes

Refer to General Notes for additional information See DWGS A14030ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

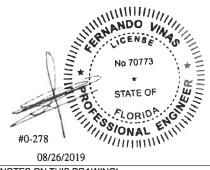
▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity /RL Loc R+ /Rh / R-/Rw / U AR*121 /-/-/53 /9 /20 Wind reactions based on MWFRS AR Brg Width = 288 Min Rea = -Bearing AR is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (Ibs) Chords Chords Tens.Comp. Tens. Comp. C-L 580 - 89 579 -89 Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. Webs Tens. Comp.

394 394 - 393 BC-AB

Gables		Gables		Comp.
AR- B	 - 331	AX-AH	0	- 391
L-AX	- 428	V - X	383	- 331

Maximum Gable Forces Per Ply (Ibs)



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

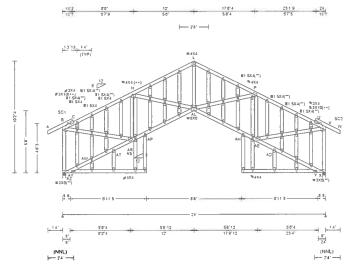
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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



SEQN: 550728 / Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T8 / GABL Ply: 1 DrwNo: 235.19.1447.12500 FROM: CC Qty: 1 Emory Lane Truss Label: B4 SSB / WHK 08/23/2019



	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/#	1.
	TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.100 AJ 999 360	1
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.196 AJ 999 240	۱.
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.108 X	
	Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.210 X	'
	NCBCLL: 10.00	Mean Height: 19.52 ft	Code / Misc Criteria	Creep Factor: 2.0	.
	Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.428	:
	Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.648	Ш
ļ	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.583	
	Opacing. 24.0	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Ľ
		GCpi; 0.18	Plate Type(s):		:
		Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	1

Lumber

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

Plating Notes

All plates are 1.5X4 except as noted.

(++) - This plate works for both joints covered.

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

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 2.50 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

Laterally brace BC at 24" oc in lieu of rigid ceiling. Laterally brace BC above filler at 24" oc.

Wind

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

End verticals not exposed to wind pressure.

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

Additional Notes

Refer to General Notes for additional information

See DWGS A14030ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

▲ Maximum Reactions (lbs)

Gravity				Non-Gravity				
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
ΑZ	1454	/-	<i>I</i> -	/694	/240	/207		
Х	1437	/-	/-	/694	/240	/-		
Win	d read	ctions ba	sed on l	MWFRS				
ΑZ	Brg V	Vidth = 3	.5	Min Req = 2.3				
X	Brg V	Vidth = 3	.5	Min Req = 2.3				
Bea	rings	AZ & X a	re a rigi	id surface				
Men	nbers	not listed	i have f	orces less	s than 3	375#		
Max	Maximum Top Chord Forces Per Ply (lbs)							
Cho	rds]	Tens.Cor	np.	Chords	Tens.	Comp.		
B - (С	700 - 10	641	L-P	951	- 2106		

Non Crouds

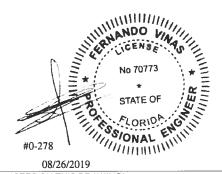
C-H 869 - 1630 856 - 1610 975 - 2110 U-V 693 - 1622

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
AS-AR	1471	- 490	AL-AH	1621	- 563	
AR-AP	1610	- 567	AH-AE	1591	- 548	
AP-AL	1639	- 567				

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
B -AZ	699 - 1276	AL- P	412	- 135
B -AS	1561 - 564	P -AE	159	- 579
AS- H	152 - 580	AE- V	1543	- 553
H-AL	396 0	X - V	688	- 1263
Δ1 - Ι	1437 - 653			



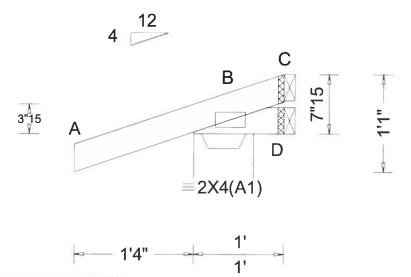
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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.

SEQN: 550655 / JACK Ply: 1 Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T27 / FROM: CC Qty: 4 Emory Lane DrwNo: 235.19.1447.12173 Truss Label: CJ1 SSB / WHK 08/23/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)		▲ Maximum Reactions (Ib	,
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	Wind Std: ASCE 7-10 Speed: 140 mph Enclosure: Closed Risk Category: II EXP: B Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	, ,	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 D HORZ(TL): 0.000 D Creep Factor: 2.0	Gravity Loc R+ /R- /Rh B 217 /- /- D 4 /-13 /- C - /-36 /- Wind reactions based on N B Brg Width = 8.0 D Brg Width = 1.5	Non-Gravity / Rw / U / RL /144 /55 /18 /14 /11 /- /20 /30 /-
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.33	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max Web CSI: 0.000 VIEW Ver: 18.02.00A.1126.20	C Brg Width = 1.5 Bearing B is a rigid surface Bearing B requires a seat p Members not listed have fo	olate.

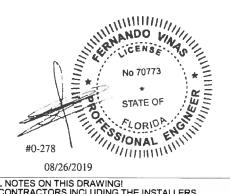
Lumber

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



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

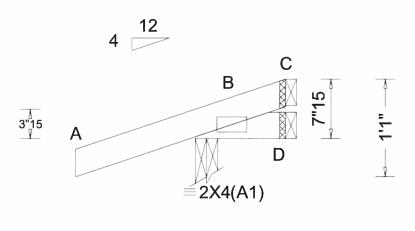
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinstorg. SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

SEQN: 552176 JACK Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T32 DrwNo: 235.19.1458.46357 FROM: CC Qty: 4 Emory Lane Truss Label: CJ1A SSB / FV 08/23/2019



1'4"	1'
14	1'

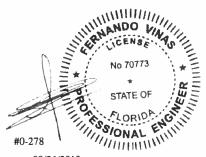
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 212 /- /- /141 /54 /18
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 D	D 5 /-12 /- /14 /11 /-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.000 D	C - /-32 /- /19 /27 /-
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.233	B Brg Width = 3.0 Min Req = 1.5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.029	D Brg Width = 1.5 Min Req = -
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Members not listed have forces less than 375#
	GCpi: 0.18	Plate Type(s):		Weinberg flot listed flave forces less than 575#
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	

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



08/26/2019

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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: 550652 / JACK Ply: 1 Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T26 / FROM: CC Qty: 4 **Emory Lane** DrwNo: 235.19.1447.12421 Truss Label: CJ3 SSB / WHK 08/23/2019 C В D



 \equiv 2X4(A1)

	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
í	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
	TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): NA	Ŀ
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	В
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 D	0
	Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.001 D	C
ı	NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	V
ı	Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.267	В
ı	Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.069	D
		MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.000	C
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	Wild 11 CB 001. 0.000	В
1		Loc. from endwall: Any	, , , ,		В
1		GCpi: 0.18	Plate Type(s):	VIEW V 40 00 004 4400 00	N
- 1		Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	

▲ M			ctions (I	•	_	
	G	aravity		No	on-Gra	vity
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
В	240	/-	/-	/153	/30	/32
D	48	/-	/-	/34	/-	/-
С	63	/-	/-	/26	/14	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vidth =	8.0	Min Re	q = 1.9	5
D	Brg V	Vidth =	1.5	Min Re	q = -	
С	Brg V	Vidth =	1.5	Min Reg = -		
Bearing B is a rigid surface.						
Bea	ring B	require	es a seat	plate.		
Men	nbers	not liste	ed have fo	orces les	s than	375#

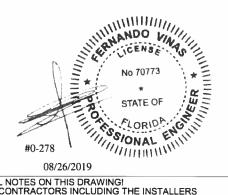
Lumber

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

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

Additional Notes

Refer to General Notes for additional information



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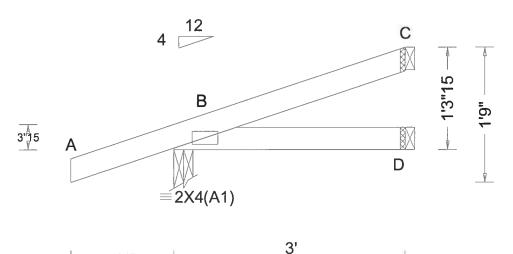
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



SEQN: 552173 JACK Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T31 DrwNo: 235.19.1458.48900 FROM: CC Qty: 4 Emory Lane SSB / FV 08/23/2019 Truss Label: CJ3A



Loading Criteria (psf) W	Vind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (It	os)
TCLL: 20.00 W TCDL: 10.00 S BCLL: 0.00 E BCDL: 10.00 M BCDL: 10.00 M NCBCLL: 10.00 M NCBCLL: 10.00 B Load Duration: 1.25 M Spacing: 24.0 "	Vind Std: ASCE 7-10 peed: 140 mph inclosure: Closed tisk Category: II XP: B Kzt: NA fean Height: 15.00 ft CDL: 5.0 psf CDL: 5.0 psf WFRS Parallel Dist: 0 to h/2 &C Dist a: 3.00 ft oc. from endwall: Any GCpi: 0.18 Vind Duration: 1.33		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	Gravity Loc R+ /R- /Rh B 238 /- /- D 49 /- /- C 64 /- /- Wind reactions based on M B Brg Width = 3.0 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have for	Non-Gravity / Rw / U / RL /152 /30 /32 /34 /- /- /26 /14 /- //WFRS Min Req = 1.5 Min Req = - Min Req = -

3'

Lumber

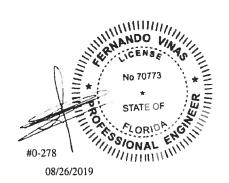
Top chord 2x4 SP #2 Bot chord 2x4 SP #2

Wind

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

Additional Notes

Refer to General Notes for additional information



1'4"

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SEQN: 550649 / JACK Ply: 1 Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T25 FROM: CC Qty: 4 Emory Lane DrwNo: 235.19.1447.12233 Truss Label: CJ5 SSB / WHK 08/23/2019 C ណ្ឌី В D \equiv 2X4(A1) 5' - 1'4" 5'

Loading 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: 140 mph Enclosure: Closed Risk Category: II EXP: B 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	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 D HORZ(TL): 0.009 D	▲ Maximum Reactions (lbs: Gravity Loc R+ /R- /Rh B 310 /- /- D 88 /- /- C 125 /- /-	Non-Gravity / Rw / U / RL /195 /29 /47 /57 /- /- /54 /27 /-	
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: 1.33	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 Mt B Brg Width = 8.0 D Brg Width = 1.5	WFRS Min Req = 1.5 Min Req = - Min Req = - late.	

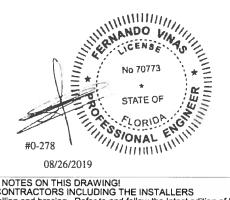
Lumber

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



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



SEQN: 552170 JACK Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T21 FROM: CC Qty: 4 DrwNo: 235.19.1458.51527 **Emory Lane** 08/23/2019 Truss Label: CJ5A SSR / FV C ັ້ນ В D 2X4(A1) 5'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	is)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 309 /- /-	/194 /29 /47
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 D	D 89 /- /-	/57 /- /-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.010 D	C 126 /- /-	/55 /27 /-
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	Wind reactions based on M	
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.304	B Brg Width = 3.0	Min Req = 1.5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.243	D Brg Width = 1.5	Min Req = -
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = 1.5 Bearing B is a rigid surface	Min Req = -
-F	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		Members not listed have fo	
	GCpi: 0.18	Plate Type(s):			1000 1000 111011 01 017
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20		

5'

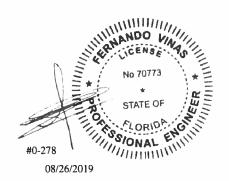
Lumber

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



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

SEQN: 550646 / EJAC Job Number: 1916107 Ply: 1 Cust: R R7879JRef: 1WNW78790003T28 FROM: CC Qty: 8 Emory Lane DrwNo: 235.19.1447.12467 Truss Label: EJ7 SSB / WHK 08/23/2019 С В 3"15 D \equiv 2X4(A1) 7' Wind Criteria Loading Criteria (psf) Snow Criteria (Pg,Pf in PSF) | Defl/CSI Criteria ▲ Maximum Reactions (lbs) TCLL: 20.00 Wind Std: ASCE 7-10 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Gravity Non-Gravity Loc R+ / Rh / RL TCDL: 10.00 Speed: 140 mph Pf: NA / R-/Rw /U VERT(LL): NA Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): NA В 387 /-/-/241 /33 /62 Risk Category: II BCDL: HORZ(LL): 0.013 D 10.00 Snow Duration: NA /-/-131 /86 EXP: B Kzt: NA /-/39 HORZ(TL): 0.026 D C 178 /77 1-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 = 8.0 Min Req = 1.5 Bldg Code: FBC 2017 RES В Max TC CSI: 0.650

Lumber

Soffit:

Top chord 2x4 SP #2 Bot chord 2x4 SP SS Dense

2.00

Load Duration: 1.25

Spacing: 24.0 "

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

BCDL: 5.0 psf

C&C Dist a: 3.00 ft

Wind Duration: 1.33

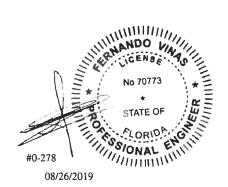
MWFRS Parallel Dist: h/2 to h

Loc. from endwall: not in 4.50 ft

GCpi: 0.18

Additional Notes

Refer to General Notes for additional information



Max BC CSI: 0.216

Max Web CSI: 0.000

VIEW Ver: 18.02.00A.1126.20

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TPI Std: 2014

Rep Fac: Yes

Plate Type(s):

WAVE

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

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6750 Forum Drive Orlando FL, 32821

Brg Width = 1.5

Brg Width = 1.5

Bearing B is a rigid surface.

Bearing B requires a seat plate

Members not listed have forces less than 375#

Min Req = -

Min Req = -

SEQN: 552167 EJAC Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T34 FROM: CC Qty: 4 Emory Lane DrwNo: 235.19.1458.54687 Truss Label: EJ7A SSB / FV 08/23/2019 С 4 12 В 3"15 D ≡ŹX4(A1)

	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defi/CSI Criteria	▲ Maximum Re
□ 1'4"			7'		
41411		7'			

	TCLL: 20.00	Wind Std: ASCE 7-10	Pg
	TCDL: 10.00	Speed: 140 mph	Pf:
	BCLL: 0.00	Enclosure: Closed	Lu:
	BCDL: 10.00	Risk Category: II	Sn
	Des Ld: 40.00	EXP: B Kzt: NA	
		Mean Height: 15.00 ft	Co
	NCBCLL: 10.00	TCDL: 5.0 psf	
	Soffit: 2.00	BCDL: 5.0 psf	Bld
	Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TP
	Spacing: 24.0 *	C&C Dist a: 3.00 ft	Re
		Loc. from endwall: not in 4.50 ft	FT
١		GCpi: 0.18	Pla
ļ		Wind Duration: 1.33	WA

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): NA	
Lu: NA	Cs: NA		VERT(CL): NA	
Snow Duration: NA			HORZ(LL): 0.013 D -	-
			HORZ(TL): 0.026 D -	-
Code / Misc Criteria			Creep Factor: 2.0	
Bldg Cod	e: FBC 2	017 RES	Max TC CSI: 0.653	
TPI Std: :	2014		Max BC CSI: 0.218	
Rep Fac: Yes			Max Web CSI: 0.000	
FT/RT:20(0)/10(0)				
Plate Typ	e(s):			
WAVE			VIEW Ver: 18.02.00A.1126.2	0

	G	ravity		N	on-Gra	vity
_oc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
в :	386	/-	/-	/240	/33	/62
ο.	131	/-	/-	/87	/-	/-
c ·	179	/-	/-	/77	/39	/-
Wind	d read	ctions b	ased on l	MWFRS		
В	Brg V	Vidth =	3.0	Min Re	q = 1.5	5
D	Brg V	Vidth =	1.5	Min Re	q = -	
С	Brg V	Vidth =	1.5	Min Re	q = -	
Rear	ina B	is a rio	id surfac	e.		

Lumber

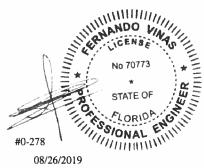
Top chord 2x4 SP #2 Bot chord 2x4 SP SS Dense

Wind

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

Additional Notes

Refer to General Notes for additional information



08/26/2019

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SEQN: 550734 / FLAT Ply: 3 Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T3 / FROM: CC Qty: 1 Emory Lane DrwNo: 235,19,1447,12358 Truss Label: FG1 SSB / WHK 08/23/2019 3 Complete Trusses Required 6'0"11 11'5"2 16'11"2 22'5"5 27'11"14 28'6" 62 5'6"9 5'4"7 5'5"15 5'6"3 5'6"9 6"2 ≡5X10 B ≡SS0612 =7X8 C ≡4X4 D =5X10≡SS0612 W 10 2,6" W2 H ≡SS0712 G K ≡SS0712 ₩5X8 =5X16 =SS0712 **∭5X8** 28'6' 5'5"1 6'0"1 5'9"7 5'10"5 5'5"1 5'5"1 11'5"2 17'2"10 23'0"15 28'6' Wind Criteria Snow Criteria (Pg,Pf in PSF) | Defl/CSI Criteria Loading Criteria (psf) ▲ Maximum Reactions (lbs) Non-Gravity Wind Std: ASCE 7-10 Ct: NA CAT: NA PP Deflection in loc L/defl L/# Gravity TCLL: 20.00 Pa: NA Loc R+ /Rh / U / RL TCDL: Speed: 140 mph Pf: NA VERT(LL): 0.555 D 615 360 / R-/Rw 10.00 Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 1.130 D 302 240 11511 /-/-/1440 /-Risk Category: II HORZ(LL): 0.088 A BCDL: 10.00 Snow Duration: NA G 12113 /-/1514 /-EXP: B Kzt: NA HORZ(TL): 0.179 A Wind reactions based on MWFRS Des Ld: 40.00 Mean Height: 15.00 ft Brg Width = 6.0 Min Rea = 3.2Code / Misc Criteria Creep Factor: 2.0 NCBCLL: 0.00 TCDL: 5.0 psf Brg Width = 4.0 Max TC CSI: 0.672 Min Reg = 3.3Bldg Code: FBC 2017 RES Soffit: 2.00 BCDL: 5.0 psf Bearings L & G are a rigid surface. TPI Std: 2014 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Max BC CSI: 0.817 Bearing L requires a seat plate. Spacing: 24.0 " Rep Fac: Yes Max Web CSI: 0.936 C&C Dist a: 3.00 ft Members not listed have forces less than 375# FT/RT:20(0)/10(0) Loc. from endwall: Any Maximum Top Chord Forces Per Ply (lbs) GCpi: 0.18 Plate Type(s): Chords Tens.Comp. Chords Tens. Comp. Wind Duration: 1.33 18SS, WAVE VIEW Ver: 18.02.00A.1126.20 A - B 1069 - 8599 D-E 1592 - 12792 Lumber Deflection B - C 1600-12860 E-F 1071 -8612 Top chord 2x6 SP 2400f-2.0E Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #2 :W2, W10 2x4 SP SS Dense: Max JT VERT DEFL: LL: 0.55" DL: 0.57". See detail C-D 1600-12860 DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof. Maximum Bot Chord Forces Per Ply (lbs) Nailnote **Additional Notes**

Nail Schedule:0.128"x3", min. nails Top Chord: 2 Rows @ 5.00" o.c. (Each Row) Bot Chord: 1 Row @ 6.25" o.c. Webs : 1 Row @ 4" o.c. Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 0.00 to 4 plf at 0.00 to 10 plf at TC: From 4 plf at 28.50 28.50 BC: From 10 plf at TC: 1105 lb Conc. Load at 0.39, 2.39, 4.39, 6.39 8.39.10.39.12.39.14.39.16.27.18.27.20.27.22.27 24.27,26.27,28.27

BC: 475 lb Conc. Load at 2.39, 4.39, 6.39, 8.39 10.39,12.39,14.39,16.39,18.27,20.27,22.27,24.27 26.27.28.27

Purlins

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

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

Refer to General Notes for additional information Truss must be installed as shown with top chord up.

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.

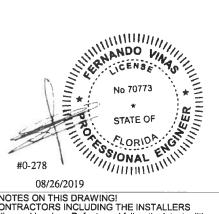
Chords	rens.comp.	Chorus	rens.	Comp.
K - J J - I	8974 - 1118 12934 - 1611	I±H	8987	- 1120

Maximum Web Forces Per Ply (lbs)

Tens Comp

44603	rens.comp.	44603	i cha.	Contip.
A-L	468 - 3701	D - I	137	- 999
A - K	9110 - 1133	1 - E	4073	- 505
K - B	345 - 2650	E-H	345	- 2652
B-J	4145 - 514	H - F	9123	- 1134
C - J	132 - 959	F-G	473	- 3740

Webs



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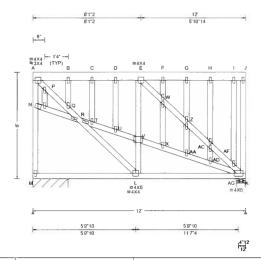
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SEQN: 557818 FLAT Ply: 2 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T20 FROM: CC Emory Lane DrwNo: 235.19.1459.55340 Qty: 2 Truss Label: FG2 SSB / FV 08/23/2019

2 Complete Trusses Required



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 **	Wind Criteria Wind Std: ASCE 7-10 Speed: 140 mph Enclosure: Closed Risk Category: II EXP: B Kzt: NA Mean Height: 16.00 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 72.00 ft GCpi: 0.18 Wind Duration: 1.33	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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.033 G 999 360 VERT(CL): 0.066 G 999 240 HORZ(LL): 0.002 K HORZ(TL): 0.004 K Creep Factor: 2.0 Max TC CSI: 0.230 Max BC CSI: 0.190 Max Web CSI: 0.456 VIEW Ver: 18.02.00A.1126.20
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Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails Nail Schedule:0.126 x3 , min. halis
Top Chord: 1 Row @ 5.25" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 60 plf at 0.00 to 60 plf at 12.00 BC: From 20 plf at 0.00 to 20 plf at 12.00 TC: 513 lb Conc. Load at 1.94, 3.94, 5.94, 7.94 9.94,11.94

Plating Notes

All plates are 1.5X4 except as noted.

Wind

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

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

Additional Notes

Refer to General Notes for additional information Truss must be installed as shown with top chord up.

A M	laxim	ım Rea	ctions	(lbs), or ":	=PLF	
	G	ravity		N	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M*	889	/-	/-	/-	/44	/-
AG	2258	1-	/-	/-	/146	/-
Wir	id read	tions b	ased or	MWFRS		
M	Brg V	Vidth =	24.0	Min Re	eq = -	
AG	Brg V	Vidth =	6.0	Min Re	q = 1.5	5
Bea	ırings i	M & AG	are a	igid surfac	e.	
Bea	ıring N	require	es a sea	at plate.		
Mer	nbers	not liste	ed have	forces les	s than 3	375#
Max	cimun	Top C	hord F	orces Per	Ply (lb	s)
				Chords		
Δ.	R	43	- 716	C-D	45	- 733

A - B	43	- 716	C-D	45	- 733
B - C	45	- 731	D-E	45	- 732

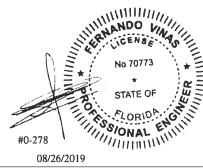
Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

400

L/# 360 240

Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	Comp.	Webs	Tens.	Comp.
A - N	48	- 794	E-W	65	- 1020
A - P	989	-60	W - Z	63	- 1007
M - N	55	- 865	X -AA	393	- 36
P-Q	1046	-65	Z-AC	65	- 1022
Q-R	922	- 53	AA-AD	388	-36
R-T	421	- 39	AC-AF	66	- 1040
R-L	523	- 15	AD- K	377	- 35
T - U	384	- 35	AF- K	68	- 1059
U - V	393	-36	J - K	44	- 437
V - Y	387	- 36			



08/26/2019

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

Cust: R R7879JRef: 1WNW78790003T29 SEQN: 550658 / Job Number: 1916107 HIP Ply: 1 FROM: CC Qty: 2 Emory Lane DrwNo: 235.19.1447.12345 Truss Label: HJ10 SSB / WHK 08/23/2019 9'10"13 5'8"3 4'2"9 5'8"3 D 2.83 ≤4X4 C В 3"12 G ∥1.5X4 Ε ≅3X4 ≡2X4(A1) 5'6"7 3'9"2 7"3 - 1'10"10 ---5'6"7 9'3"9 9'10"13 ▲ Maximum Reactions (Ibs) Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defi/CSI Criteria Non-Gravity 20.00 Wind Std: ASCE 7-10 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Gravity /RL Loc R+ /Rh /Rw / U TCDL: 10.00 Speed: 140 mph Pf: NA VERT(LL): 0.043 G 999 360 / R-Ce: NA Enclosure: Closed BCLL: 0.00 Lu: NA Cs: NA VERT(CL): 0.086 G 999 240 Н 356 /93 Risk Category: II HORZ(LL): 0.007 F BCDL: 10.00 Snow Duration: NA 344 /-/23 Ε /-EXP: B Kzt: NA HORZ(TL): 0.014 F D 70 /6 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 = 11.3 Min Reg = 1.5Max TC CSI: 0.498 Bldg Code: FBC 2017 RES Soffit: 2.00 BCDL: 5.0 psf Brg Width = 1.5 Min Reg = -TPI Std: 2014 Max BC CSI: 0.735 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Brg Width = 1.5 Min Reg = -Spacing: 24.0 " Rep Fac: Varies by Ld Case Max Web CSI: 0.143 C&C Dist a: 3.00 ft Bearing H is a rigid surface. FT/RT:20(0)/10(0) Loc. from endwall: Any Bearing H requires a seat plate. Plate Type(s): GCpi: 0.18 Members not listed have forces less than 375# Wind Duration: 1.33 WAVE VIEW Ver: 18.02.00A.1126.20 Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Lumber Top chord 2x4 SP #2 B-C 114 - 976 Bot chord 2x4 SP #2 Webs 2x4 SP #2 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. Special Loads -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) B - G 948 - 100 G-F 926 TC: From 0 plf at -1.89 to 61 plf at TC: From BC: From 2 plf at 0 plf at 0.00 to 2 plf at 9.90 Maximum Web Forces Per Ply (lbs) 4 plf at 0.00 2 plf at 0.00 to Webs Tens.Comp. BC: From 2 plf at 9.90 -22 lb Conc. Load at 1.48 C-F 107 - 985 127 lb Conc. Load at 4.31 251 lb Conc. Load at 7.13 TC: TC: 9 lb Conc. Load at 1.48 97 lb Conc. Load at 4.31 BC: BC: 176 lb Conc. Load at 7.13 No -Wind Wind loads and reactions based on MWFRS. **Additional Notes** STATE OF STA Refer to General Notes for additional information #0-278

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

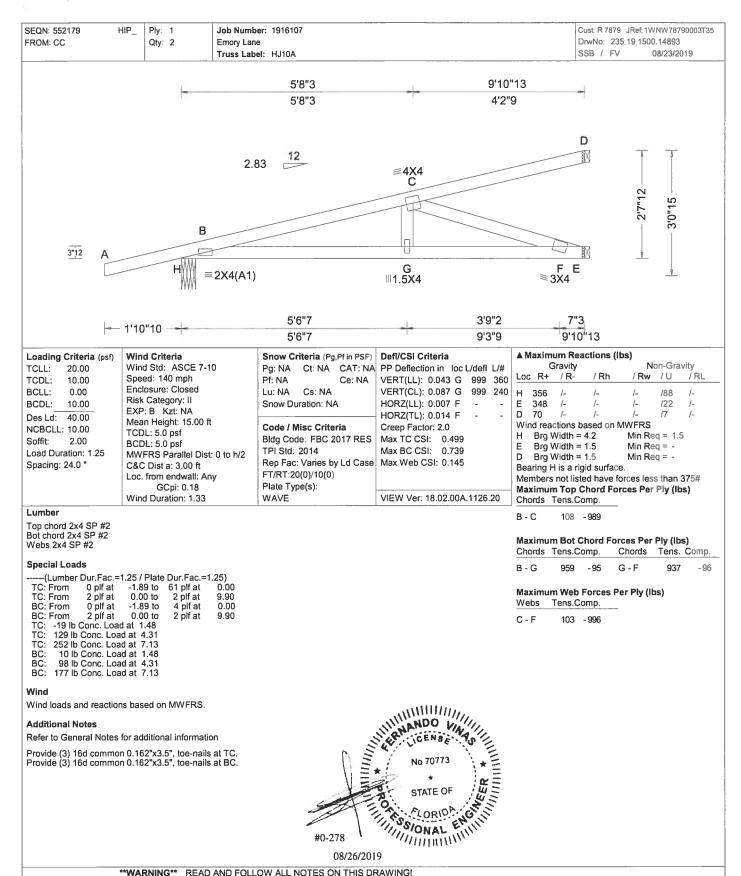
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For more information see this lobs general notes page and these web sites. ALPINE: www.licingtor. SPCA, www.sbcindustry.com; ICC; www.iccsafe





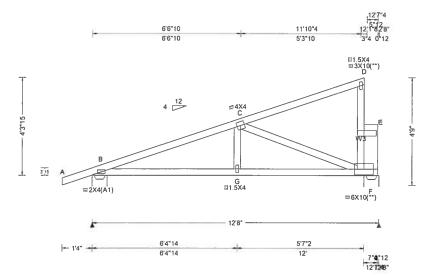
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MONO Ply: 1 SEQN: 550621 / Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T11 FROM: CC Qtv: 2 Emory Lane DrwNo: 235.19.1447.12405 Truss Label: M1 SSB / WHK 08/23/2019



Loading Criteria (psf)	Wind Criteria
TCLL: 20.00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 140 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
Des Ld: 40 00	EXP: B Kzt: NA
NCBCLL: 10.00	Mean Height: 15.00 ft
1	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 36.00 ft
	GCpi: 0.18
	Wind Duration: 1.33

Defl/CSI Criteria Snow Criteria (Pg,Pf in PSF) Ct: NA CAT: NA PP Deflection in loc L/defl L/# Pg: NA Pf: NA VERT(LL): 0.033 G 999 360 Ce: NA Lu: NA Cs: NA HORZ(LL): 0.009 F Snow Duration: NA HORZ(TL): 0.018 F Code / Misc Criteria Creep Factor: 2.0 Bldg Code: FBC 2017 RES Max TC CSI: 0.442 TPI Std: 2014 Max BC CSI: 0.505 Rep Fac: Varies by Ld Case Max Web CSI: 0.471 FT/RT:20(0)/10(0) Plate Type(s): WAVE VIEW Ver: 18.02.00A.1126.20

VERT(CL): 0.066 G 999 240 It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural

plans/specifications and fabricators truss layout.

▲ Maximum Reactions (lbs) Non-Gravity Gravity Loc R+ /Rh /Rw / RL / R-/ U /72 В 659 /-/375 /100 1518 /-/-/292 /137 1-Wind reactions based on MWFRS Brg Width = 8.0 Min Rea = 1.5Brg Width = 8.0 Min Reg = 1.8Bearings B & F are a rigid surface. Bearings B & F require a seat plate. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B-C 140 - 1068

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens, Comp. Chords Tens. Comp. B-G 968 - 227 G-F 962 - 228

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. Webs Tens. Comp. C-F E-F 215 - 786 501 - 1638

Special Loads

Top chord 2x4 SP #2

Lumber

(Lumber	Dur.Fac.=1	.25 / Plate	Dur.Fac.=	1.25)
TC: From	61 plf at	-1.33 to	61 plf at	12.00
BC: From	4 plf at	-1.33 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	12.60
PL: 1105 lb	Conc. Load	l at (12.04,	12.24)	

Bot chord 2x4 SP #2
Webs 2x4 SP #2:W3 2x4 SP SS Dense:
:Rt Bearing Leg 2x8 SP 2400f-2.0E:

Plating Notes

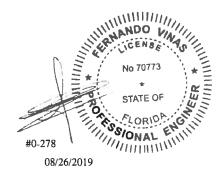
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information



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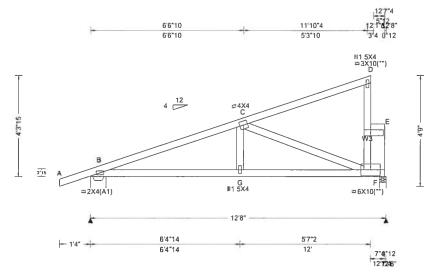
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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-2 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.iccsafe.org

MONO Ply: 1 SEQN: 550625 / Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T16 / DrwNo: 235,19,1447,12297 FROM: CC Qty: 11 **Emory Lane** Truss Label: M2 SSB / WHK 08/23/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ibs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gra
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.033 G 999 360	Loc R+ /R- /Rh /Rw /U
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.066 G 999 240	l .
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.009 F	F 1518 /- /- /292 /137
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.018 F	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 8.0 Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.442	F Brg Width = 3.5 Min Req = 1.8
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.505	Bearings B & F are a rigid surface.
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.471	Bearing B requires a seat plate.
opading. 24.0	Loc. from endwall: not in 288.00	FT/RT:20(0)/10(0)		Members not listed have forces less than
	GCpi: 0.18	Plate Type(s):		Maximum Top Chord Forces Per Ply (Ib Chords Tens.Comp.
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	Chords Teris.Comp.
		1		B - C 140 - 1068

Lumber

Ton chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #2 :W3 2x4 SP SS Dense: :Rt Bearing Leg 2x8 SP 2400f-2.0E:

Special Loads

(Lumbe	r Dur.Fac.=1	1.25 / Plate	: Dur.Fac.=	1.25)
TC: From	61 plf at	-1.33 to	61 plf at	12.00
BC: From	4 plf at	-1.33 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	12.60
PL: 1105 lb	Conc. Load	at (12.04	,12.24)	

Plating Notes

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

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

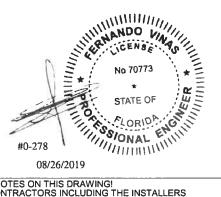
Refer to General Notes for additional information

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ction in loc L	Jdefl.	L/#		G	ravity		No	on-Grav	vity	
): 0.033 G	999	360	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
.): 0.066 G	999	240	В	659	/-	/-	/375	/72	/100	
.): 0.009 F	-	-	F	1518	/-	/-	/292	/137	/-	
.): 0.018 F	-	-	Win	d reac	ctions	based on M	IWFRS			
ctor: 2.0			В	Brg V	Vidth:	= 8.0	Min Re	q = 1.5	;	
CSI: 0.442			F	Brg V	Vidth:	= 3.5	Min Re	q = 1.8	}	
CSI: 0.505			Bea	rings l	B & F	are a rigid s	surface.			
CSI: 0.471			Bea	ring B	requi	res a seat p	late.			
CSI. 0.47 I			Mer	nbers	not lis	ited have fo	rces less	s than 3	375#	
			Max	imun	1 Top	Chord For	ces Per	Ply (lb	s)	
			Cho	rds T	Tens.C	Comp.				
r: 18.02.00A.	1126.	.20			4.40	4000				
			B - (-	140	- 1068				

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - G 968 - 227 G-F 962 - 228 Maximum Web Forces Per Ply (Ibs) Webs

Webs Tens.Comp. Tens. Comp. C-F 215 - 786 E-F 501 - 1638



08/26/2019

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

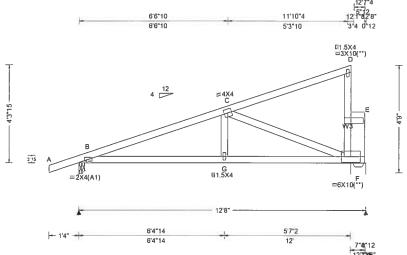
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For more information see this job's general notes page and these web sites ALPINE www alpinettw.com; TPI: www.tpinst.org, SBCA www.sbcindustry.com, ICC www.iccsafe.org

SEQN: 550630 / MONO Ply: 1 Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T6 / FROM: CC Qty: 12 **Emory Lane** DrwNo: 235.19.1447.12375 Truss Label: M3 SSB / WHK 08/23/2019



	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	A
İ	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
	TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.033 G 999 360	L
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.067 G 999 240	В
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.009 F	F
	Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.018 F	W
	NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	В
	Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.447	F
	Load Duration: 1,25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.509	В
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.472	B
		Loc. from endwall: not in 36.00 ft	FT/RT:20(0)/10(0)		M
1		GCpi; 0.18	Plate Type(s):		c
ı		Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	1-
1				·	- B

	12	7246"					
	A M	laximı	ım Rea	actions (I	bs)		
		G	ravity		No	on-Grav	vity
0	Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
0	В	658	/-	1-	/375	/72	/100
	F	1519		/-	/293		
	Win	d read	ctions b	ased on M	MWFRS		
	В	Brg V	Vidth =	3.0	Min Re	q = 1.5	i
i	F	Brg V	Vidth =	8.0	Min Re	q = 1.8	
	Bea	rings	B&Fa	are a rigid	surface.		
į	Bea	ring F	require	es a seat	plate.		
	Mer	nbers	not list	ed have fo	orces less	s than 3	375#
				Chord Fo			
_			ens.C			- `	•
	D		440	4070			

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #2 :W3 2x4 SP SS Dense: :Rt Bearing Leg 2x8 SP 2400f-2.0E:

Special Loads

----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 61 plf at -1.33 to 61 plf at 12.0
BC: From 4 plf at -1.33 to 4 plf at 0.0 12.00 0.00 20 plf at 0.00 to 20 plf at PL: 1105 lb Conc. Load at (12.04,12.24)

Plating Notes

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

Wind

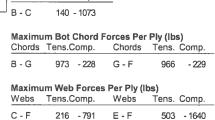
Wind loads based on MWFRS with additional C&C member design.

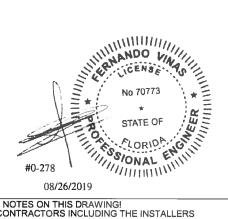
Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data including dimensions and loads, conform to the architectural plans/specifications and fabricators truss layout.





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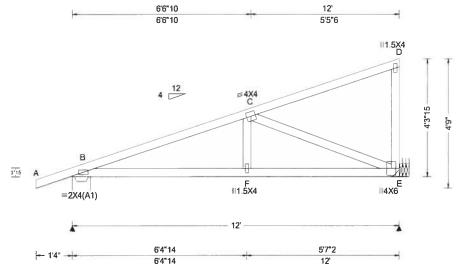
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For more information see this job's general rotes good and these web sites. ALPINE: www.liping.tw.com. TPI. www.liping.tor. SBCA: www.sbcindustry.com. ICC. www.licres.fr



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: 550731 / MONO Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T1 FROM: CC DrwNo: 235.19.1447.12174 Qty: 15 **Emory Lane** Truss Label: M4 SSB / WHK 08/23/2019



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/#
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.021 F 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.041 F 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.007 E
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.014 E
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.530
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.496
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0,481
Spacing, 24.0	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20

Lumber

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

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 connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Additional connection required to evenly distribute hanger reaction throughout all plies of supporting girder.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

Bearing at location x=11'9" uses the following support conditions: 11'9" Bearing E (11'9", 10') HUS26 Supporting Member: (3)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting member, (4) 0.148"x3" nails into supported

member. **Additional Notes**

Refer to General Notes for additional information

Wind

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

Right end vertical not exposed to wind pressure.

▲ Maximum Reactions (lbs)

		4111 1466	10110110 (1	,		
	G	Gravity		N	on-Gra	vity
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
В	586	/-	1-	/361	/44	/100
E	475	1-	/-	/291	/57	/-
Wi	nd read	ctions b	ased on I	MWFRS		
В	Brg V	Vidth =	8.0	Min Re	q = 1.5	5
Е	Brg V	Vidth =	-	Min Re	q = -	
Be	aring B	is a rig	id surfac	е.		
Be	aring B	require	es a seat	plate.		
Me	mbers	not list	ed have f	orces les	s than	375#
Ma	ximun	n Top C	hord Fo	rces Per	Ply (It	os)
Ch	ords 7	Tens.Co	omp.			
_	_					

[⊥] B - C 120 -855

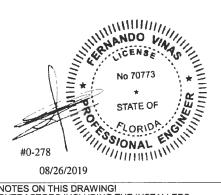
Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. B - F 767 - 210 F-E 761 - 211

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

227 - 819



08/26/2019

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



SEQN: 552144 HIPM Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T7 FROM: CC Qty: 8 Emory Lane DrwNo: 235.19.1459.37810 Truss Label: M5 SSB / FV 08/23/2019 6'10"10 12'8" 6'10"10 5'9"6 ∥3X4 D 4 12 ≅4X4 C 4,6,10 4'3"15 3*15 ⊪1.5X4 $\equiv 2X4(A1)$ **∥4X6** 12'8" 6'8"14 5'11"2 - 1'4" -6'8"14 12'8"

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/#
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.024 F 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.048 F 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 E
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.017 E
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.730
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.553
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.593
	Loc. from endwall: not in 18.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.33	WAVE	VIEW Ver: 18 02 00A 1126 20

▲ IV		um rea Gravity	ctions (I	•	on-Gra	vitv
Loc		/ R-	/ Rh		/ U	
В	624	/-	/-	/377	/69	/100
E	735	/-	/-	/292	/65	/-
Win	d rea	ctions b	ased on f	MWFRS		
В	Brg \	Vidth =	8.0	Min Re	a = 1.5	5
Е	Bra \	Vidth =	4.0	Min Re	a = 1.5	5
Bea	rings	В&Еа	re a rigid	surface.	•	
			s a seat			
	_	•		orces les	s than :	375#
				rces Per		
		Tens.Co			, (.~	,
B - (C	139	- 952			

Maximum Bot Chord Forces Per Ply (Ibs)

F-F

Chords Tens. Comp.

851 - 227

Chords Tens.Comp.

858 - 226

Tens.Comp.

240 -897

Maximum Web Forces Per Ply (lbs)

R-F

Webs

C-E

Lumber

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

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 61 plf at -1.33 to 61 plf at 12.67 BC: From 4 plf at -1.33 to 4 plf at 0.00 0.00 BC: From 20 plf at 0.00 to 20 plf at BC: From 24 plf at 12.00 to TC: 242 lb Conc. Load at 12.06 24 plf at 12.67

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

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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

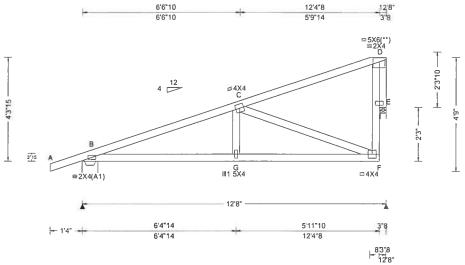
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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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 general notes page and these web sites. ALPINE: www.spineitw.com; TPI; www.biping.org.SBCA; www.sbipidustry.com; ICC; www.iccsafe

SEQN: 552152 HIPM Cust: R 7879 JRef: 1WNW78790003T14 Ply: 1 Job Number: 1916107 FROM: CC Qty: 4 **Emory Lane** DrwNo: 235.19,1456.48537 Truss Label: M6 08/23/2019 SSB / EV



I	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
I	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
1	TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.027 G 999 360	<u>L</u>
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.054 G 999 240	L
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 F	E
	Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.017 F	V
	NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	E
	Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.563	E
	Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.462	В
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.580	E
	opasing. 2 1.0	Loc. from endwall: not in 36.00 ft	FT/RT:20(0)/10(0)		N
		GCpi: 0.18	Plate Type(s):		N
		Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	1=

	▲ M	axim	um Rea	ctions (I	bs)		
		G	aravity		No	on-Gra	vity
١	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
	В	617	/-	/-	/373	/68	/100
	Е	727	/-	/-	/288	/67	/-
	Win	d rea	ctions b	ased on N	JWFRS		
	В	Brg \	Vidth =	8.0	Min Reg = 1.5		
	E	Brg \	Vidth =	3.0	Min Re	q = 3.0)
	Bea	rings	B&Ea	re a rigid	surface.		
	Bea	ring E	require	es a seat	plate.		
	Men	nbers	not list	ed have fo	orces less	s than :	375#
Maximum Top Chord Forces Per Ply (lbs						s)	
						•	
	D (4.40	050			

Lumber

Top chord 2x4 SP #2 Bot chord 2x4 SP #2 Webs 2x4 SP #2 :Rt Bearing Leg 2x4 SP #2:

Special Loads

(Lumber	r Dur.Fac.=1	1.25 / Plate	Dur.Fac.=	1.25)
TC: From	61 plf at	-1.33 to	61 plf at	12.67
BC: From	4 plf at	-1.33 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	12.00
BC: From	24 plf at	12.00 to	24 plf at	12.37
BC: From	4 plf at	12.37 to	4 plf at	12.67
TC: 242 lb	Conc. Loa	d at 12.00		

Plating Notes

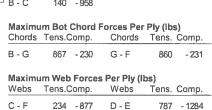
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

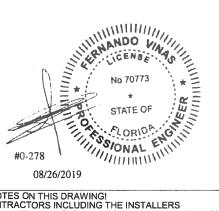
Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to General Notes for additional information

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08/26/2019

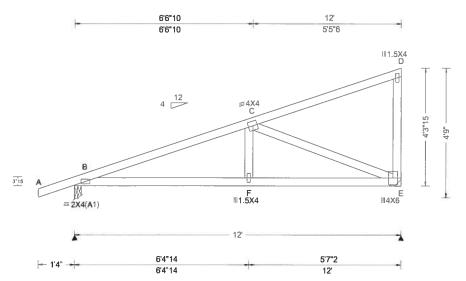
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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 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: 552297 MONO Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T5 FROM: CC Qty: 6 **Emory Lane** DrwNo: 235,19,1457,14290 SSB / FV Truss Label: M7 08/23/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)		▲ Maximum Reactions (Ibs) Gravity Non-Grav	it.
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		,
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.021 F 999 360	Loc R+ /R- /Rh /Rw /U	/RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.041 F 999 240	B 584 /- /- /360 /44	/100
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.007 E	E 476 /- /- /292 /57	/-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.014 E	Wind reactions based on MWFRS	
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 3.0 Min Req = 1.5	
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.534	E Brg Width = - Min Req = -	
	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.500	Bearing B is a rigid surface.	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h			Members not listed have forces less than 3	75#
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.484	Maximum Top Chord Forces Per Ply (lbs	:1
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Chords Tens.Comp.	•1
	GCpi: 0.18	Plate Type(s):		Onorda Terra. Comp.	
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	B - C 120 - 859	

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

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

Right end vertical not exposed to wind pressure.

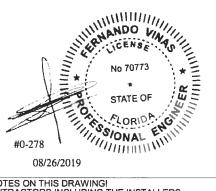
Additional Notes

Refer to General Notes for additional information

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 771 -211 F-E 764 - 212

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

C-E 228 - 823



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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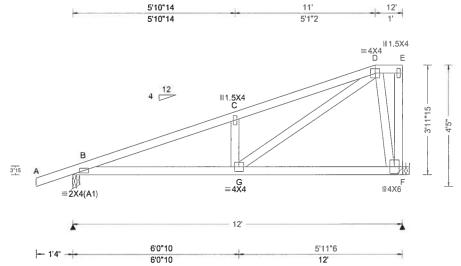
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPP 1, or for handling, shipping, installation and bracing of trusses A seal on this drawing or cover page listing this drawing, 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/TP1 1 Sec.2.

For more information see this job's general notes page and these web sites. ALPINE: www.abineitw.com. TPI: www.insta.gree per ANSI/TP1 1 Sec.2.

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

SEQN: 552185 Cust: R 7879 JRef: 1WNW78790003T12 HIPM Ply: 1 Job Number: 1916107 DrwNo: 235.19.1457.15920 FROM: CC Qty: 2 Emory Lane SSB / FV 08/23/2019 Truss Label: M8



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.025 C 999 360	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.050 C 999 240	Е
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 E	F
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.012 E	V
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	E
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.339	F
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.424	В
Spacing: 24.0 *	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.189	V
Spacing, 24.0	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		N
	GCpi: 0.18	Plate Type(s):		5
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	E

A 1			ctions (on Cra	, its a
		Gravity		140	on-Gra	vity
Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/RL
В	584	/-	/-	/360	/47	/92
F	476	1-	/-	/283	/55	/-
Wind reactions based on MWFRS						
В	Brg V	Vidth =	3.0	Min Re	q = 1.5	5
F	Brg V	Vidth =	-	Min Re	q = -	
Be	aring B	is a rig	id surfac	ce.		
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
Ch	ords 7	Tens.Co	mp.	Chords	Tens.	Comp.
В-	С	157	- 901	C-D	209	- 884

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

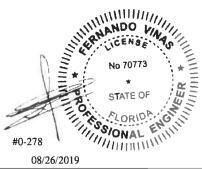
Refer to General Notes for additional information

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

B-G 817 - 240

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
G-D	839 - 225	D - F	170 - 408



08/26/2019

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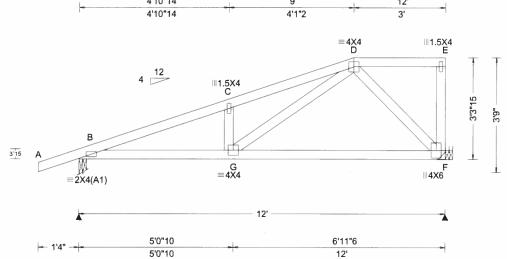
Alpine, a division of ITW Building Components Crown less above.

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

SEQN: 552188 HIPM Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T15 FROM: CC Qty: 2 Emory Lane DrwNo: 235.19.1457.17483 Truss Label: M9 SSB / FV 08/23/2019 4'10"14 9 12'



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (It	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.025 C 999 360	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.050 C 999 240	B 584 /- /-	/358 /51 /77
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 F	F 476 /- /-	/268 /52 /-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.011 F	Wind reactions based on M	IWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 3.0	Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.211	F Brg Width = -	Min Req = -
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.552	Bearing B is a rigid surface	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.154	Members not listed have for	
Spacing, 24.0		FT/RT:20(0)/10(0)	110x 110b 001; 0:101	Maximum Top Chord For	ces Per Ply (lbs)
	Loc. from endwall: not in 9.00 ft	, , , ,		Chords Tens.Comp. C	chords Tens. Comp.
	GCpi: 0.18	Plate Type(s):		D C 200 200 C	D 070 000
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	B - C 229 - 982 C	C-D 270 -960

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

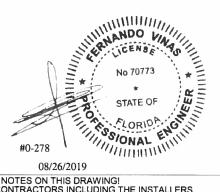
Refer to General Notes for additional information

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. B - G 898 - 294

Maximum Web Forces Per Ply (lbs)

Webs		Tens.Comp.		Webs	Tens.	Comp.	
	G-D	683	- 174	D-F	199	- 449	



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SEQN: 552155 MONO Ply: 2 Job Number: 1916107 Cust R 7879 JRef: 1WNW78790003T2 FROM: CC Qty: 1 Emory Lane DrwNo: 235.19.1457.26923 Truss Label: MG1 SSB / FV 08/23/2019 2 Complete Trusses Required 6'6"10 19'10"2 12 15'9"5 6'6"10 5'5"6 4'0"13 3'9"5 ≡4X4 G F 2'3" =7X8 =4X4 =4X4 ±4X4 =2X4(A1) III3X6 12'6" 7'4"2 × 6'6"10 5'3"10 7"12 3'6"13 3'9"5 - 1'4" ---6'6"10 11'10"4 12'6 16'0"13 19'10"2 ▲ Maximum Reactions (lbs)

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/#
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.031 L 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.063 L 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 E
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.011 E
NCBCLL: 0.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.253
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.202
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.322
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20

Lumber	

Top chord 2x4 SP #2 :T2 2x6 SP 2400f-2.0E: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #2

Nailnote

Nail Schedule:0.128"x3", min. nails Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 6.50" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 61 plf at -1.33 to 61 plf at TC: From 7.06 to 12.00 to TC: From 4 plf at 4 plf at 12 00 TC: From 61 plf at 61 plf at 19.84 BC: From -1.33 to 4 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 7.06 BC: From 7.06 to 10 plf at 10 plf at 11.06 20 plf at 11.06 to 20 plf at BC: From 19.84 TC: 1105 lb Conc. Load at 12.29 TC: 727 lb Conc. Load at 13.06,15.06,17.06,19.06 BC: 1227 lb Conc. Load at 7.06 492 lb Conc. Load at 9.06,11.06

Wind

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

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Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria	
Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/defl	∐ #
Pf: NA		Ce: NA	VERT(LL): 0.031 L 999	360
Lu: NA	Cs: NA		VERT(CL): 0.063 L 999	240
Snow Du	ration: NA	Α	HORZ(LL): -0.006 E -	-
			HORZ(TL): 0.011 E -	-
Code / M	isc Crite	ria	Creep Factor: 2.0	
Bldg Cod	e: FBC 2	017 RES	Max TC CSI: 0.253	
TPI Std: :	2014		Max BC CSI: 0.202	
Rep Fac: No			Max Web CSI: 0.322	
FT/RT:20	(0)/10(0)			
Plate Typ	e(s):	ļ		
WAVE			VIEW Ver: 18.02.00A.1126.	20

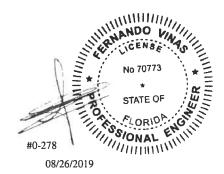
Gravity			Non-Gravity			
Loc	R+	/R-	/Rh	/Rw	/ U	/ RL
М	1054	/-	/-	/-	/112	/34
J	5223	/-	/-	/-	/483	/-
Н	1342	/-	/-	/-	/130	/-
Win	d read	tions b	ased on	MWFRS		
M	Brg V	Vidth =	8.0	Min Re	q = 1.5	
J	Brg V	Vidth =	4.0	Min Re	q = 1.8	
H Brg Width = 4.0 Min Reg = 1.5					i	
Bea	rings l	M, J, &	H are a	rigid surfa	ce.	
Bea	ring M	l require	es a sea	t plate.		
Men	nbers	not liste	ed have	forces les	s than 3	375#
Мах	imum	Top C	hord Fo	orces Per	Ply (lb	5)
Cho	rds T	ens.Co	mn	Chords	Tens	Comp

B - C	115 - 1197	F-G	49	-512
D-F	842 -81			

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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-L	395 - 16	D-J	185 - 1882
C - D	98 - 1138	J-F	156 - 1561
L-D	1357 - 118	1 - G	559 -53
D-K	520 - 53	G - H	69 -616



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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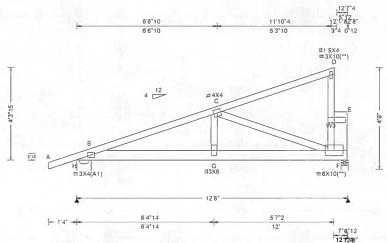
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For more information see this job's general notes page and these web sites. ALPINE www.alpineitw.com, TPI www.tpinst.org. SBCA. www.sbcindustry.com, ICC.

SEQN: 550708 / MONO Ply: 2 Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T30 FROM: CC Qty: 1 **Emory Lane** DrwNo: 235.19.1447.12499 SSB / WHK 08/23/2019 Truss Label: MG2

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria
TCLL: 20.00	Wind Std: ASCE 7-10
TCDL: 10.00	Speed: 140 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
	EXP: B Kzt: NA
Des Ld: 40.00	Mean Height: 15.00 ft
NCBCLL: 0.00	TCDL: 5.0 psf
Soffit: 2.00	BCDL: 5.0 psf
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2
Spacing: 24.0 "	C&C Dist a: 3.00 ft
	Loc. from endwall: not in 18.00 ft
	GCpi: 0.18
	Wind Duration: 1.33

Snow Cr	iteria (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): 0.045 G 999	360
Lu: NA	Cs: NA	VERT(CL): 0.090 G 999	240
Snow Du	ration: NA	HORZ(LL): 0.007 F -	-
		HORZ(TL): 0.014 F -	-
Code / M	lisc Criteria	Creep Factor: 2.0	
Bldg Cod	e: FBC 2017 RES	Max TC CSI: 0.236	
TPI Std:	2014	Max BC CSI: 0.372	
Rep Fac: No		Max Web CSI: 0.516	
FT/RT:20	(0)/10(0)	The second second	
Plate Typ	e(s):		

WAVE VIEW Ver: 18.02.00A.1126.20 It is the responsibility of the Building Designer and Truss Fabricator to review this drawing prior to cutting lumber to verify that all data,including dimensions and loads, conform to the architectural

Gravi Loc R+ /R			on-Grav	ite
	- /Rh			vity
	7 1 311	/ Rw	/ U	/RL
H 1356 /-	/-	/-	/149	/38
2825 /-	1-	/-	/280	1-
Wind reaction	s based on	MWFRS		
H Brg Width	1 = 8.0	Min Re	q = 1.5	;
Brg Width	$\gamma = 4.0$	Min Re	q = 1.5	;
Bearings H &	F are a rigid	surface.		
Bearing H req	uires a seat	plate.		
Members not	listed have t	orces les	s than 3	375#
Maximum To	p Chord Fo	rces Per	Ply (lb	s)
Chords Tens			, (-,

B-C 181 - 1739

Top chord 2x4 SP #2 Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #2 :W3 2x4 SP SS Dense: :Rt Bearing Leg 2x8 SP 2400f-2.0E:

Nail Schedule:0.128"x3", min. nails

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @ 8.25" o.c.

Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

Lumber

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 61 plf at 31 plf at -1.33 to 61 plf at 7.06 to 31 plf at 7.06 TC: From 4 plf at -1.33 to 0.00 BC: From BC: From 20 plf at 0.00 to 20 plf at 7.06 10 plf at BC: From 7.06 to 10 plf at 12.60 BC: 1227 lb Conc. Load at 7.06 BC: 492 lb Conc. Load at 9.06,11.06 PL: 1105 lb Conc. Load at (12.04,12.24)

Plating Notes

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

Wind

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

NOTE: This truss not designed to support floor loads.

plans/specifications and fabricators truss layout.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 1624 - 157 1583 - 154

Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Tens. Comp. G-C 869 - 56 E-F 1035 - 1554 C-F 142 - 1459



08/26/2019

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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 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 alpinettw.com, TPI www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.lccsafe.org



Suite 305 Orlando FL, 32821

Ply: 2 Cust R 7879 JRef: 1WNW78790003T13 SEQN: 552303 SPEC Job Number: 1916107 FROM: CC Qty: 2 Emory Lane DrwNo 235 19 1457 36543 Truss Label: MG3 SSB / FV 08/23/2019 2 Complete Trusses Required 12 15'6"8 6'6"10 19'8' 5'5"6 6'6"10 3'6"8 4'1"B III 1.5X4 ≡4X4 G =4X4 T2 D 4'3"15 4.6 2.6" W5 3'15 ≡4X6 ⊪3X6 ≡2X4(A1) ≡5X8 ≡3X10 =4X4 19'8" 6'6"10 5'8"2 3'7"4 3'10' - 1'4" ---6'6"10 12'2"12 15'10' 19'8

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.033 K 999 360	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.066 K 999 240	L
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 E	H
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.013 E	٧
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	L
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.199	H
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.193	8
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.361	ľ
'	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		N
	GCpi: 0.18	Plate Type(s):		"C
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	-

A M	aximı	ım Rea	ctions	(lbs), or *=	-PLF	
	G	ravity		Ne	on-Grav	vity
Loc	R+	/R-	/Rh	/ Rw	/ U	/ RL
L	1038	/-	/-	/-	/117	/-
H*	695	/-	/-	/-	/73	/-
Wind reactions based on MWFRS						
L	Brg V	Vidth =	3.0	Min Re	q = 1.5	5
Н	Brg V	Vidth =	92.0	Min Re	q = -	
Bea	rings	L & J aı	e a rigi	d surface.	-	
			s a sea			
Members not listed have forces less than 375#						
Max	imun	Top C	hord F	orces Per	Ply (lb	s)
				Chords		,
_	_	400	4400	D =	400	
B - (_	120 -	7788	D-F	489	- 48

Lumber

Top chord 2x4 SP #2 :T2 2x6 SP 2400f-2.0E: Bot chord 2x6 SP 2400f-2.0E Webs 2x4 SP #2 :W5 2x6 SP #2:

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in graph row to avoid splitting. in each row to avoid splitting.

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 61 plf at -1.33 to 61 plf at TC: From 7.06 to 17.06 to TC: From 31 plf at 31 plf at 17.06 61 plf at 4 plf at TC: From 61 plf at 19 67 -1.33 to BC: From 4 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at BC: From BC: From 10 plf at 20 plf at 7.06 to 17.06 to 10 plf at 17.06 20 plf at 19.67 TC: 1454 lb Conc. Load at 12.15 BC: 1258 lb Conc. Load at 7.06 476 lb Conc. Load at 9.06,11.06,13.06,15.06 BC: 17.06

Wind

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

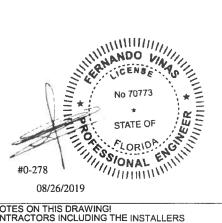
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Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. 1103 - 107 K - .I 41 - 407

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

******	Tens.comp.	*******	rens. comp.
C-D	106 - 1112	D - J	137 - 1321
K-D	1600 - 155		



08/26/2019

plans/specifications and fabricators truss layout.

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SEQN: 550695 / нірм Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T23 Ply: 1 FROM: CC Qty: 2 **Emory Lane** DrwNo: 235.19.1447.12344 Truss Label: MH5 SSB / WHK 08/23/2019 4'10"14 9 12'5' 4'10"14 4'1"2 3'5" ∥1.5X4 E ≡4X4 D 4 12 **№ 1.5X4** 3'3"15 3,0 B 315 = G ≡4X4 ∥4X6 =2X4(A1) 12'5" 6'0"12 6'4"4 6'0"12 12'5' 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/#
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.023 C 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.045 C 999 240
BCDL: 10.00	Risk Category: II EXP: B Kzt: NA	Snow Duration: NA	HORZ(LL): 0.006 F
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.012 F
NCBCLL: 10.00	TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.454
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.174
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	DOUBLE STORY
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20
Lumber			

▲ M	axim	um Rea	ctions	(lbs)		
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/Rh	/Rw	/U	/RL
В	602	1-	1-	/368	/53	/77
F	492	1-	1-	/275	/53	1-
Win	d read	ctions ba	ased on	MWFRS		
В	Brg V	Vidth =	8.0	Min Re	q = 1.5	5
F	Brg V	Vidth =	100	Min Re	g = -	
Bea	ring B	is a rig	id surfa	ce.		
Bea	ring B	require	s a sea	t plate.		
Mer	nbers	not liste	d have	forces less	s than	375#
Max	timun	Top C	hord F	orces Per	Ply (lb	es)
Cho	rds 1	Tens.Co	mp.	Chords	Tens.	Comp.
B - 0	С	248 -	996	C-D	221	- 829

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

Hangers / Ties

(J) Hanger Support Required, by others

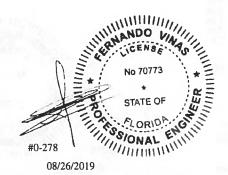
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Additional Notes

Refer to General Notes for additional information

Maximum Bot Chord Forces Per Ply (Ibs) Chords Tens.Comp. Chords Tens. Comp. B - G 913 - 310 G-F 379 - 152 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. G-D 520 D-F 201



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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.lccsafe.org

SEQN: 550692 / нірм Job Number: 1916107 Cust: R R7879JRef: 1WNW78790003T18 / Ply: 1 FROM: CC DrwNo: 235.19.1447.12142 Qty: 2 **Emory Lane** Truss Label: MH6 SSB / WHK 08/23/2019 12'5" 5'10"14 11' 1'5" 5'10"14 5'1"2 ■1,5X4 E ≡4X4 D III 1,5X4 В G = 4X4 #4X6 = 2X4(A1) 12'5' 6'0"12 6'4"4 -- 1'4" --6'0"12 12'5" ▲ Maximum Reactions (lbs)

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity No	
TCDL: 10.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.027 C 999 360	Loc R+ /R- /Rh /Rw	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.053 C 999 240	B 602 /- /- /371	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 E	F 492 /- /- /290	
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.012 E	Wind reactions based on MWFRS	
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/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft	CDL: 5.0 psf BCDL: 5.0 psf WWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft COME / Misc Criteria Bldg Code: FBC 2017 TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Creep Factor: 2.0 Max TC CSI: 0.337 Max BC CSI: 0.452 Max Web CSI: 0.189	B Brg Width = 8.0 Min Req F Brg Width = - Min Req Bearing B is a rigid surface. Bearing B requires a seat plate. Members not listed have forces less Maximum Top Chord Forces Per F
	GCpi: 0.18 Wind Duration: 1.33	Plate Type(s): WAVE	VIEW Ver: 18.02.00A.1126.20	Chords Tens.Comp. Chords	
				B C 172 -050 C D	

Bearing B is a rigid surface. Bearing B requires a seat plate.

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

Non-Gravity

/Rw /U

Min Reg = 1.5

Min Rea = -

/371 /49

/290 /57 / RL

/92

- 930

1-

B - C 172 - 950 C-D 223

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

B-G 862 - 253

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

Webs	Tens.C	comp.	Webs	Tens.	Comp.
G-D	838	- 219	D - F	174	- 421

Lumber

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

Hangers / Ties

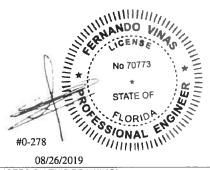
(J) Hanger Support Required, by others

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



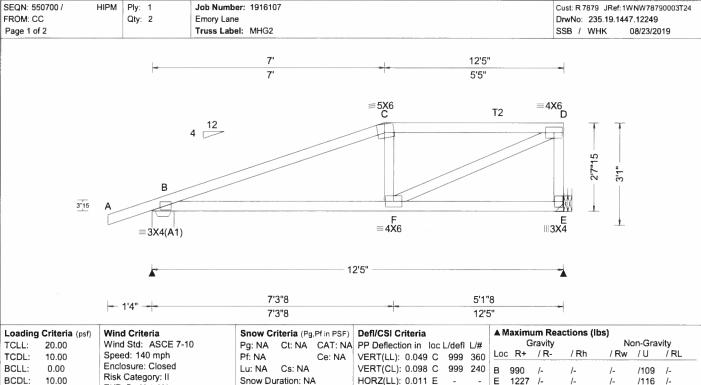
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Lumber

Soffit:

Top chord 2x4 SP #2 :T2 2x4 SP SS Dense: Bot chord 2x4 SP #2 Webs 2x4 SP #2

Special Loads

Des Ld: 40.00

NCBCLL: 10.00

Spacing: 24.0 *

Load Duration: 1.25

2.00

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 61 plf at -1.33 to 61 plf at TC: From 7.00 TC: From 31 plf at 7.00 to 31 plf at 12.42 4 plf at BC: From -1.33 to 4 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 7.03 10 plf at 7.03 to 10 plf at 248 lb Conc. Load at 7.03 TC: TC: 178 lb Conc. Load at 9.06,11.06 475 lb Conc. Load at 7.03 BC: 131 lb Conc. Load at 9.06,11.06

EXP: B Kzt: NA

TCDL: 5.0 psf

BCDL: 5.0 psf

C&C Dist a: 3.00 ft

Wind Duration: 1.33

Mean Height: 15.00 ft

MWFRS Parallel Dist: 0 to h/2

Loc. from endwall: not in 9.00 ft

GCpi: 0.18

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

Additional Notes

Refer to General Notes for additional information

Snow Duration: NA HORZ(LL): 0.011 E HORZ(TL): 0.021 E Code / Misc Criteria Creep Factor: 2.0 Bldg Code: FBC 2017 RES Max TC CSI: 0.555 TPI Std: 2014 Max BC CSI: 0.975 Rep Fac: Varies by Ld Case Max Web CSI: 0.453 FT/RT:20(0)/10(0) Plate Type(s): WAVE VIEW Ver: 18.02.00A.1126.20

1227 /-/_ /-/-/116 E Wind reactions based on MWFRS Brg Width = 8.0 Min Req = 1.5 Brg Width = -Min Reg = -Bearing B is a rigid surface. Bearing B requires a seat plate. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - Ç 197 - 2020 C-D 157 - 1853

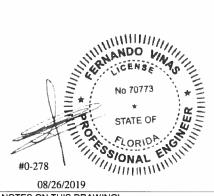
Maximum Bot Chord Forces Per Ply (Ibs)

Chords Tens.Comp.

B-F 1866 - 171

Maximum Web Forces Per Ply (lbs)

webs	rens.c	omp.	vvebs	rens.	Comp.
F-D	2007	- 169	D-E	130	- 1092



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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: 550700 / Cust: R 7879 JRef: 1WNW78790003T24 HIPM Ply: 1 Job Number: 1916107 FROM: CC Qty: 2 Emory Lane DrwNo: 235.19.1447.12249 Page 2 of 2 Truss Label: MHG2 SSB / WHK 08/23/2019

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.

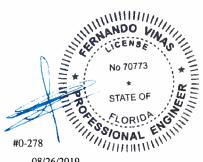
Recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Additional connection required to evenly distribute hanger reaction throughout all plies of supporting girder.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

Bearing at location x=12'2" uses the following support conditions: 12'2"

Bearing E (12'2", 10') HUS26

Supporting Member: (2)2x6 SP 2400f-2.0E into supporting member, into supported member. (J) Hanger Support Required, by others



08/26/2019

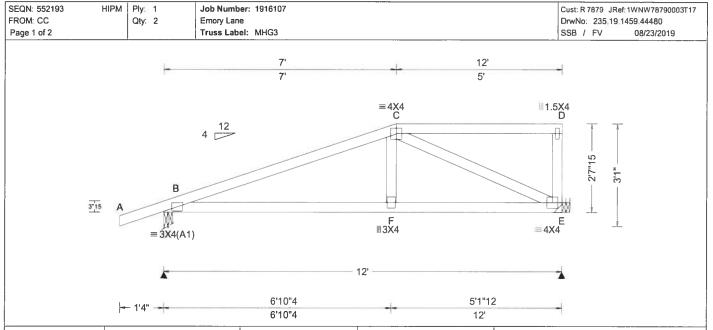
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Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00 Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): 0.045 F 999 360	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00 Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.089 F 999 240	B 948 /- /- /- /104 /-
BCDL: 10.00 Risk Category: II	Snow Duration: NA	HORZ(LL): 0.016 E	E 1258 /- /- /- /118 /-
Des Ld: 40.00 EXP: B Kzt: NA		HORZ(TL): 0.032 E	Wind reactions based on MWFRS
Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 3.0 Min Req = 1.5
TCDL: 5.0 psf Soffit: 2.00 BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.980	E Brg Width = - Min Req = -
Load Duration: 1.25 MWFRS Parallel Dist; 0 to h/2	TPI Std: 2014	Max BC CSI: 0.899	Bearing B is a rigid surface.
Spacing: 24.0 " C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.934	Members not listed have forces less than 375#
Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.
GCpi: 0.18	Plate Type(s):		Chords Tens.Comp.
Wind Duration: 1.33	WAVE	VIEW Ver: 18.02.00A.1126.20	B - C 161 - 1876

Lumber

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

Special Loads

-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 61 plf at -1.33 to 61 plf at TC: From 7.00 7.00 to 31 plf at -1.33 to 4 plf at TC: From 31 plf at 12.00 4 plf at 20 plf at BC: From 4 plf at 20 plf at 0.00 7.03 BC: From 0.00 to BC: From 10 plf at 7.03 to 10 plf at TC: 249 lb Conc. Load at 7.03 TC: 179 lb Conc. Load at 9.06,11.06 BC: 479 lb Conc. Load at 7.03

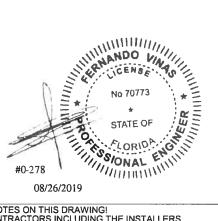
Wind

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

131 lb Conc. Load at 9.06,11.06

Additional Notes

Refer to General Notes for additional information



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Maximum Bot Chord Forces Per Ply (lbs)

Webs

C-E

Chords Tens. Comp.

1671

Tens. Comp.

145 - 1803

Chords Tens.Comp.

F-C

1716 - 134

Tens.Comp.

727

Maximum Web Forces Per Ply (lbs)

n

SEQN: 552193 HIPM Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T17 Ply: 1 FROM: CC Qty: 2 Emory Lane DrwNo: 235.19.1459.44480 Page 2 of 2 Truss Label: MHG3 SSB / FV 08/23/2019

Hangers / Ties

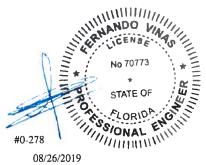
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Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

(J) Hanger Support Required, by others Bearing E (119", 10") 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.



08/26/2019

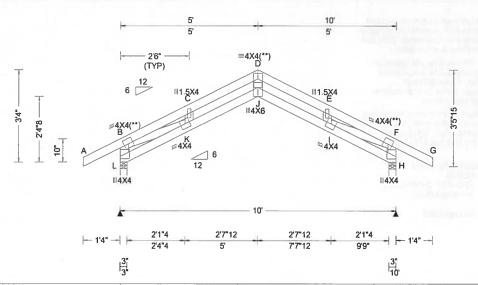
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SEQN: 552294 COMN Ply: 1 Job Number: 1916107 Cust: R 7879 JRef: 1WNW78790003T19 FROM: CC Qty: 6 **Emory Lane** DrwNo: 235.19.1459.48720 Truss Label: T19 SSB / FV 08/23/2019



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 140 mph Enclosure: Closed Risk Category: II EXP: B Kzt: NA Mean Height: 17.75 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: 1.33	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): 0.100 J 999 360 VERT(CL): 0.202 J 592 240 HORZ(LL): 0.107 H HORZ(TL): 0.217 H Creep Factor: 2.0 Max TC CSI: 0.281 Max BC CSI: 0.522 Max Web CSI: 0.287 VIEW Ver: 18.02.00A.1126.20	Gravity Loc R+ /R- /Rh L 513 /- /- H 513 /- /- Wind reactions based on MW L Brg Width = 3.0 M H Brg Width = 3.0 M Bearings L & H are a rigid surf Members not listed have force Maximum Top Chord Forces Chords Tens.Comp. Cho B - C 586 - 1428 D - (C D 563 - 1428 D - (

Lumber

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

Plating Notes

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

Wind

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

Additional Notes

Refer to General Notes for additional information

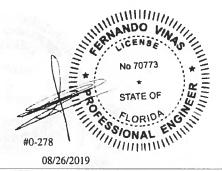
/299 /63 /78 /299 /63 /-**VFRS** Min Req = 1.5 Min Req = 1.5 inface. ces less than 375# es Per Ply (lbs) nords Tens. Comp. F 627 - 1454 541 - 1428 653 - 1454 E-F

Non-Gravity

/Rw / U /RL

Maximum Bot Chord Forces Per Ply (lbs)				
Chords	Tens.Comp.	Chords	Tens.	Comp.
K - J	1382 - 451	J - I	1382	- 459

Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Tens. Comp. B-L 406 - 500 I-F 1272 - 409 B - K 1272 - 401 F-H 392 - 500 D-J 1189 - 404



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Orlando FL. 32821

Attach 'L' braces with 10d (0.128"x3.0" min) nalls. ASCE7-10-GAB14030 DRWG A14030ENC101014 Gable end supports load from 4' 0' outbookers with 2' 0' overhang, or 12' plywood overhang. * For (1) 'L' brace: space rails at 2' o.c. in 18' end zones and 4' o.c. between zones. *****For (2) 'L' braces: space rails at 3' o.c. in 18' end zones and 6' o.c. between zones. infor 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group values may be used with these grades. 1x4 Braces shall be SRB (Stress-Rated Board Refer to the Building Designer for conditions not addressed by this detail. 'L' bracing must be a minimum of 80% of web member length. Southern Phesss Provide uplift connections for 100 plf aver continuous bearing (5 psf TC Dead Load). Bracing Group Species and Gradesi Southern Pineww Gable Truss Detail Notes: #3 Studend + Refer to common truss design for peak, splice, and heel plates. Wind Load deflection criterion is L/240. Sizes 3X4 DATE 10/01/14 4X4 Gable Vertical Plate tical Length han 4' 0' r than 4' 0', but Group A Group B 1.00 Greater than 11'6' Spruce-Pine-Fir #1 / #2 Standard #3 Stud REF Douglas Fir-Larch #3 Stud Standard Douglas Fir-Larch П Vertical L Less than 4' Greater than <u>پ</u> Kzt STATE OF TOTAL TOTAL TOTAL OF PSYCHOLOGY MAX. SPACING 2 24.0, ပဲ Wind Speed, 30' Mean Height, Enclosed, Exposure 120 mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00 120 mph Wind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00 100 mph wind speed, 30' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00 Group B 14' 0' 14' 0' 14, 0, (1) 2x4 'L' Brace # (2) 2x4 'L' Brace ## (1) 2x6 'L' Brace # (2) 2x6 'L' Brace Group B Group A Group B Group A above for may gable restricts to the second 13, 4" 14, 0 Detail Ø 12' 10' 12' B' 12' B' Gable Stud Reinforcement ທ໌ ໃຊ່ Φ Trusses require extreme care in fabrication, handing, shipping, installing and brache. Refer to and folios the leasts defined to RSI (Building Corporation, Software). If I not all control to the folios the least set of the safety practices prior to performing these functions. Installers shall provide temporary braches participated by the safety braches and bottom of the SISI of SISI, as applicable of the SISI of SISI, as applicable of the performed and bottom characters and posterior as shown above and on the John Betals, unless noted otherwise. Again, and ways lighted per SISI sections 31 or SISI, as applicable days places to each face of truss and posterior as shown above and on the John Betals, unless noted otherwise. Again, a deviation of ITV Bading Corporaries Group Inc. shall not be responsible for any deviation from this develop, only fallier to be subject to the second of the s Refer to chart above Group A Group B Group A Group B Group A MENOPORTANTES FURNISH FEAD AND FOLLOW ALL NOTES ON THIS DRAVING MEDIFICARS. 15 15 15 15 15 15 12, 2" 12, 2, 11, 0 è 10, 9, 6 6 9, 7, 9, 9, 8, Prace (1) 1x4 'L' Brace * 6, 10, 0, 0, 2x6 DF-L #2 or better diagonal braces single or double cut (as shown) at upper end. мph 140 No Braces ţş, Gable Truss ASCE 7-10: Standard Standard Standard Standard Standard Standard #1 / #5 #1 / #2 #1 / #2 Stud Stud Stud Stud Stud Stud Grade #3 ۳ #3 #3 #3 #3 #2 # Connect diagonal at midpoint of vertical web AN ITW COMPANY 2x4 e Vertical Vertical length shown in table above. Spacing | Species 13723 Riverport Drive Suite 200 Maryland Heights, MO 63043 SPF doubled when diagonal brace is used. Connect diagonal brace for 525# at each end. Max web SPF SPF SP SP SP 노 노 노 Diagonal brace options vertical length may be total length is 14". Gable 15, ,D,O "4S ,D,O **,9**[,D,0 Atenstical Length Gable Max

Commentary

for the vertical deflection that results from the Camber may be built into trusses to compensate application of loads. Providing camber has the following advantagesi

- Helps to ensure level ceilings and floors after dead loads are applied.
- 9 Facilitates drainage to avoid ponding on flat low slope roofs,
- characteristics between adjacent trusses. Compensates for different deflection
- and other long spans that can appear to "sag." Improves appearance of garage door headers
- from the gable to adjacent clear span trusses. Avoids "dips" in roof ridgelines at the transition

to ponding that may occur due to the design of the roof drainage system. The Bullding Designer shall also specify any dead load, live load, and in-service creep deflection criteria for flat or low-slope roofs subject to ponding location, direction, and magnitude of all loads attributable In accordance with ANSI/TPI 1 the Building Designer, through the Construction Documents, shall provide the

The amount of camber is dependent on the truss type, span, loading, application, etceteras.

More restrictive limits for allowable deflection and slenderness ratio (L/D) may be required to help control vibration.

recommendations, or past experience may warrant using limiting deflection and estimating camber. Conditions or codes may exist that require exceeding these The following tables are provided as guidelines for more stringent limitations.

Deflection and Camber

= Depth of Truss at Deflection Point (inches) = Span of Truss (inches) О

Recommended Truss Deflection Limits

	Truss Type	[7]	Deflection Limits	Limits
			Live Load	Total Load
	Pitched Roof Trusses	24	L/240 (vertical)	L/180 (vertical)
	Floor of Room-In-Attic Trusses	24	L/360 (vertical)	L/240 (vertical)
	Flat or Shallow Pitched Roof Trusses	24	L/360 (vertical)	L/240 (vertical)
	Residential Floor Trusses	24	L/360 (vertical)	L/240 (vertical)
	Commercial Floor Trusses	20	L/480 (vertical)	L/240 (vertical)
	Scissors Trusses	24	0.75" (horizontal)	1.25" (horizontal)
4	Truss Type Pitched Trusses 1.0		Recommended Camber 1.00 × Deflection from Actual Dead Load	al Dead Load
	Sloping Parallel Chord Trusses	x × tual	1.5 x Vertical Deflection from Actual Dead Load	rom
	Floor Trusses AC	25 x tual	(0.25 x Deflection from Live Load) + Actual Dead Load	e Load) +
	Flat Roof Trusses (0.	25 × 0 × 0	(0.25 x Deflection from Live Load) + (1.5 x Design Dead Load Deflection)	Live Load) + Deflection)

WINDOW WILLIAM PHONING STATES No 70773 *

Note: The actual dead load may be considerably less than

the design dead load.

DEFLCAMB1014

DRVG REF

DEFLEC/CAMB 10/01/14

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

Trusses require extreme care in februaries, and entaining adopting installing and bracking. Refer to and practices proper extreme the februaries of the performing these februaries. The performing these februaries (September 1987). Unless noted otherwises top chord shall have properly attached structural shacking nor BESI. Unless noted otherwises top chord shall have properly attached structural shacking and bottom choose a properly attached right careful. One personant lateral internal restructs of shall have because the structural shacking and bottom choose shall have because the structural specifies BSI sports shall now because the structural specifies BSI sports shall now because the structural specifies and on the structural control of the structural specifies and on the structural specifies. Applying the structural specifies are supported to the structural specifies and on the structural specifies. SHI SUBSTIMING SHI SUBSTIMING STOLLOW THE STATES ON THE SHENG MANAGEMENT OF THE PRESENCE OF THE STATES OF THE SHENGWANDERS.

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