



Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 23-0001
Job Description: Miller	
Address: 125 SW Pinehurst Dr., LAKE CITY, FL 32024	

Job Engineering Criteria:	
Design Code: FBC 7th Ed. 2020 Res.	IntelliVIEW Version: 22.02.00
	JRef #: 1XTb2150002
Wind Standard: ASCE 7-16 Wind Speed (mph): 130	Design Loading (psf): 35.00, 40.00
Building Type: Closed	

This package contains general notes pages, 67 truss drawing(s) and 7 detail(s).

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	265.23.1525.55800	A1	2	265.23.1525.57830	A2
3	265.23.1528.06343	B1	4	265.23.1528.08360	B2
5	265.23.1528.11207	B3	6	265.23.1537.45673	B4
7	265.23.1537.49253	B5	8	265.23.1537.51060	C1
9	265.23.1537.52887	C2	10	265.23.1537.54680	C3
11	265.23.1537.56300	D1	12	265.23.1537.58413	D2
13	265.23.1538.01030	D3	14	265.23.1538.03600	G1
15	265.23.1539.21913	H1	16	265.23.1539.49167	H2
17	265.23.1539.53507	H3	18	265.23.1543.51793	H4
19	265.23.1543.54717	HJ1	20	265.23.1543.57213	HJ2
21	265.23.1543.58957	HJ3	22	265.23.1544.01167	HJ4
23	265.23.1544.06613	J1	24	265.23.1544.08050	J01
25	265.23.1544.09340	J2	26	265.23.1544.10937	J3
27	265.23.1544.12133	J3A	28	265.23.1544.13280	J03
29	265.23.1544.15193	J4	30	265.23.1544.16830	J04
31	265.23.1544.18053	J5	32	265.23.1544.21020	J5A
33	265.23.1544.22453	J05	34	265.23.1546.12073	J6
35	265.23.1546.14783	J7	36	265.23.1546.17107	J7A
37	265.23.1546.19870	JO2	38	265.23.1546.22140	К1
39	265.23.1547.09153	K1E	40	265.23.1547.12153	К2
41	265.23.1547.13950	K2G	42	265.23.1547.15550	КЗ
43	265.23.1547.23240	K3G	44	265.23.1547.37200	L1
45	265.23.1547.39933	L2	46	265.23.1547.43263	L3
47	265.23.1548.02220	M1	48	265.23.1548.13267	M2
49	265.23.1548.15890	P1	50	265.23.1552.47737	P2



Alpine, an ITW Company 155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 Phone: (800)755-6001 www.alpineitw.com

Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 23-0001
Job Description: Miller	
Address: 125 SW Pinehurst Dr., LAKE CITY, FL 32024	

Item	Drawing Number	Truss	Item	D
51	265.23.1552.49307	P3	52	2
53	265.23.1552.55290	S2	54	20
55	265.23.1553.26540	V1	56	2
57	265.23.1553.29773	V2	58	2
59	265.23.1553.32793	V3	60	2
61	265.23.1553.37893	V4	62	2
63	265.23.1553.41450	V5	64	2
65	265.23.1553.45137	V7	66	2
67	265.23.1553.58560	V9	68	В
69	A14030ENC160118		70	G
71	A14015ENC160118		72	Ρ
73	VAL180160118		74	V

ltem	Drawing Number	Truss
52	265.23.1552.52827	S1
54	265.23.1552.56797	T1
56	265.23.1553.28363	V1A
58	265.23.1553.31130	V2A
60	265.23.1553.34710	V3A
62	265.23.1553.39717	V4A
64	265.23.1553.42890	V6
66	265.23.1553.54740	V8
68	BRCLBSUB0119	
70	GBLLETIN0118	
72	PB160160118	
74	VALTN160118	

# **General Notes**

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

The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer. The Truss Design Engineer. The Truss Design Engineer 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 component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

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

# **Temporary Lateral Restraint and Bracing:**

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

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

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

## **Connector Plate Information:**

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

## Fire Retardant Treated Lumber:

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

# General Notes (continued)

# Key to Terms:

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

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

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

CL = Certified lumber.

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

FRT = Fire Retardant Treated lumber.

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

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

FRT-PR = ProWood Fire Retardant Treated lumber.

g = green lumber.

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

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

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

Ic = Incised lumber.

FJ = Finger Jointed lumber.

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

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

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

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

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

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

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

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

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

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

PP = Panel Point.

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

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

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

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

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

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

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

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

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

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

VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment. W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.

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

## **References:**

- 1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
- 2. ICC: International Code Council; <u>www.iccsafe.org</u>.
- 3. Alpine, a division of ITW Building Components Group Inc.: 155 Harlem Ave, North Building, 4th Floor, Glenview, IL 60025; <u>www.alpineitw.com</u>.
- 4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
- 5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcacomponents.com.





SEQN: 578445 FROM: RFG	COMN	Ply: 1 Qty: 1	Miller	nber: 23-0001 abel: A2			Cust: R 215 JRef:1X DrwNo: 265.23.1525 / FV	
		<u>4'3*10</u> + <u>4'3*10</u> ++	8'4" 4'0"6	+ 14'3"12 + 17'10" 5'11"12 + 3'6'4 +	$\begin{array}{c c} & 230^{\circ}_{11} \\ \hline & 19^{\circ}_{13} \\ \hline \\ \hline \\ \hline \\ 34^{\circ}_{14} \\ \hline \\ \hline \\ \end{array} \begin{array}{c} 212^{\circ}_{14} \\ \hline \\ \hline \\ \\ \end{array} \begin{array}{c} 270^{\circ}_{11} \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ $	32'1"12 4'9"12 +	<u>36'11"8</u> 4'9"12	
90 → 10 →		8 12 <sup>#1</sup>	3X5 #	AES (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	#5X5 H \$5X5 = 3X4 (a)	=3X4		
, <b>, , ,</b> , , , , , , , , , , , , , , ,	53 A	B B B T 3X4(B1)	=:	R # 3X5 S 12 5 X6	P ≋3X8 0 ≡5X6	=4X4		⊕ <sup>10'</sup>
	1'6	<b>4</b> '3"10 -+- 4'3"10 -+- 4'3"10	4'0"6 8'4"	+	28'9"8	4'9"12 32'1"12	<u>4'9"12</u> 36'11"8	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind S Speed Enclos Risk C EXP: C Mean I TCDL: BCDL: BCDL: MWFR C&C D	Criteria Std: ASCE 7-16 : 130 mph sure: Closed ategory: II C Kzt: NA Height: 15.70 ft 5.0 psf S.0 psf RS Parallel Dist: h Dist a: 3.70 ft om endwall: not in		Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.074 I         999         360           VERT(CL):         0.147 I         999         240           HORZ(LL):         0.032 F         -         -           HORZ(TL):         0.064 F         -         -           Creep Factor:         2.0         Max TC CSI:         0.525           Max BC CSI:         0.346         -           Max Web CSI:         0.899         -	Gravi Loc R+ / R B 188 /-2 S 2181 /- M 1250 /- Wind reaction B Brg Wid : S Brg Wid : Bearings B, S	<ul> <li>- / Rh / Rw</li> <li>203 /- /76</li> <li>/- /1318</li> <li>/- /551</li> <li>as based on MWFRS</li> <li>= 3.5 Min Req = 1.</li> <li>= 4.0 Min Req = 2.</li> </ul>	/32 /270 3 /30 /- /121 /- 5 (Truss) 6 (Truss) 5 (Truss) ace.
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	;	GCpi: 0.18 Duration: 1.60		Plate Type(s): WAVE	VIEW Ver: 22.02.00.0914.12	Chords Tens B - C 59 C - D 73 D - E 83 E - F	1 - 128 G - H 2 - 96 H - I	Ply (lbs)           Tens. Comp.           0         - 984           49         - 1361           24         - 1103           55         - 848           48         - 568
Bracing (a) Continuous lateral member. Plating Notes All plates are 2X4 exc Loading			on			Chords Tens B - T T - S S - R	0 - 463 Q - P 0 - 466 P - O 0 - 735 O - N	Ply (lbs) Tens. Comp. 1086 - 14 936 - 67 595 - 53
Truss passed check for chord live load in area clearance.							7 - 15 e <b>b Forces Per Ply (l</b> l s.Comp. Webs	<b>bs)</b> Tens. Comp.
Wind Wind loads based on member design. Right end vertical not of Wind loading based of Additional Notes Negative reaction(s) of load case requires upl Reactions. The overall height of the 10-0-0.	exposed n both g f -203# lift conne	d to wind pressure gable and hip roof MAX. from a non- ection. See Maxir	e. types. -wind num		No 70773 STATE OF STATE OF SONAL	E-S 7 E-R 122 F-R F-Q 100 H-P 56 I-P 8	8 - 1614 P - J 6 0 J - O 6 - 896 O - K 3 0 K - N	478 0 68 - 703 525 - 4 144 - 807 1179 - 100 139 - 1161
**IMPORTA Frusses require extra Component Safety Info pracing per BCSI, Unit Workdo Varid extract	**WAF	RNING** READ FURNISH THIS L in fabricating, har by TPI and SBC d otherwise, top (	AND FOI DRAWING Idling, shi CA) for sai		RAWING! LUDING THE INSTALLERS efer to and follow the latest editior these functions. Installers shall p ral sheathing and bottom chord sh continuous lateral restraint (CLR), upply plates to each face of truss a there the activity of the set		ing ry rly	•

lattached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org













North Building, 4th Floor Glenview, IL 60025





Qty: 1 Mille			Cust: R 215 JRef: 1XTb2150002 T3: DrwNo: 265.23.1537.49253 / FV 09/22/2023
	+ 57'12 + 117'4 + 57'12 + 5'11'8 +	<u>157'</u> + <u>19'10'4</u> + <u>256'4</u> 3'11'12 + <u>4'3'4</u> + <u>5'8'</u> - +-2';	+ 275*4 32'2'6 + 36'11'8 1'11'1 4'9'2 + 49'2
- 3716 - - 3714 - - 38'12 - - 40'2 - - - 40'2 - - - 40'2 - - - 40'2 - - - 40'2 - - - - 40'2 - - - - - 40'2 - - - - - - - - - -	Bracing a 2 65X6 c BX5 c BX		
<del>ب</del> ا		<u>4 6'1*1 12'</u> 13 14'15 3'8 18'4'9 19'6'12 226'7 ∟ 1'6'12 ∟ 2'11*1	
C&C Dist a: 3.70 ft	Rep Fac: Varies by Ld Case	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): 0.151 O 999 360           VERT(CL): 0.362 O 999 240           HORZ(LL): 0.060 F -           HORZ(TL): 0.144 F -           Creep Factor: 2.0           Max TC CSI: 0.993           Max BC CSI: 0.855           Max Web CSI: 0.900	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 97 /-412 /- /26 /- /- Y 2528 /- /- /- /422 /- L 1354 /- /- /- /302 /- Wind reactions based on MWFRS B Brg Wid = 3.5 Min Req = 1.5 (Truss) Y Brg Wid = 4.0 Min Req = 2.6 (Truss) L Brg Wid = 3.5 Min Req = 1.6 (Truss) Bearings B, Y, & L are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)
	load case requires úplift co Reactions. See DWGS A14030ENC16	2# MAX. from a non-wind nnection. See Maximum 60118 & GBLLETIN0118 for	Chords         Tens. Comp.         Chords         Tens. Comp.           B - C         1046         -219         G - H         303         -1832           C - D         161         -1006         H - I         549         -3079           D - E         147         -967         I - J         602         -3320           E - F         150         -996         J - K         443         -2060           F - G         296         -1829         -         -         -
=1.25 / Plate Dur.Fac.=1.25)	Shim all supports to solid b The overall height of this tro 10-10-3.	bearing.	Maximum Bot Chord Forces Per Ply (Ibs)           Chords         Tens.Comp.         Chords         Tens. Comp.           B - Y         147 - 763         S - R         2497 - 436           Y - X         139 - 722         R - O         2497 - 436
at         32.90 to         32 plf at         36           at         -1.50 to         5 plf at         0           at         0.00 to         20 plf at         21           at         21.12 to         22 plf at         22           at         22.22 to         20 plf at         32           at         32.90 to         10 plf at         36	.96 0.00 .12 .22 .90		X - W         139         -722         O - N         3396         -617           W - S         882         -132         N - M         2177         -464           Maximum Web Forces Per Ply (lbs)           Webs         Tens.Comp.         Webs         Tens. Comp.
bad at 32.90,34.90 ept as noted. port 0-0-0 top chord outlooker to exceed 7.00 PSF one face ite face. Top chord must not b specified otherwise. ons based on MWFRS. exposed to wind pressure.		R. FLORIDA NO	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Image: Second systemImage: Second	Truss Label: B5 $5712$ $1174$ $5712$ $1174$ $5712$ $1174$ $137$ Bracing $1174$ $1175$ $1174$ <tr< td=""><td>Truss Label: B5</td></tr<>	Truss Label: B5

Shown above and on the Joint Details, 'unless noted otherwise.' Refer to drawings 160A-Z'for standard plate positions. Refer to job's General Notes page for additional information.' Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org













155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 578453 F FROM: RFG	HPS Ply: 1 Qty: 1	Miller	nber: 23-0001 abel: D1				265.23.1537	56300 T 56300 9/22/2023
	5'6"3 5'6"3	11'0"7	7 <u>17′8″8</u> 	24'4"9 30'6 6'8"1 ⊧ - 6'1"1		36'11"8 6'5"2	—- <b>-</b> -	
			E5X6 Braci	ng ≋ <sub>6X6</sub> F				
1 <sup>15</sup> 13 A	8 12 8 4X6 8 5X6	#3X4 C P =4X5	$ \begin{array}{c} 0 \\ = 3X4 \\ = 3X5 \end{array} \begin{array}{c} M \\ = 3X8 \end{array} $		<sup>₹5X5</sup> 6 J Ⅲ2X4	=	H 5x5(B1)	e 08"13 − − − 1 6.
	L			11"8				
1'6"8	5'6"3 5'6"3	5'6"3		6'8"1 6'1"1 24'4"9 30'6		6'5"2 36'11"8	<del>+ 1</del> '6"_+	
CLL: 20.00 CDL: 10.00 CLL: 0.00 CDL: 10.00 es Ld: 40.00 CBCLL: 10.00 offit: 2.00	GCpi: (	ph sed II VA 5.00 ft el Dist: h/2 to h 70 ft vall: not in 9.00 ft 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): 0.119 E 999 360           VERT(CL): 0.228 E 999 240           HORZ(LL): 0.057 H -           HORZ(TL): 0.108 H -           Creep Factor: 2.0           Max TC CSI: 0.677           Max BC CSI: 0.945           Max Web CSI: 0.639	Loc R+ Q 1795 H 1793 Wind read Q Brg V H Brg V Bearings Members <b>Maximum</b>	/- /- ctions based o Nid = 3.5 Mi	/ Rw /983 /1013 n MWFRS n Req = 2.1 n Req = 2.1 gid surface. e forces less Forces Per	(Truss) than 375#
umber	Wind Duration:	1.60	WAVE	VIEW Ver: 22.02.00.0914.12		420 - 2031 443 - 1920	F-G G-H	443 - 192 433 - 216 413 - 255
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Bracing a) Continuous lateral I nember.	estraint equally	spaced on			Chords P - O O - N N - M	n Bot Chord F Tens.Comp. 1682 - 160 1607 - 71 1607 - 71		Ply (lbs) Tens. Comp 2018 - 22 2018 - 22 2019 - 22
<b>_oading</b> Fruss passed check fo chord live load in areas						1712 - 88 <b>n Web Forces</b> Tens.Comp.	Per Ply (Ib Webs	<b>s)</b> Tens. Com
clearance. Wind Wind loads based on M member design. Left end vertical not ex Wind loading based or	posed to wind p	pressure.			B - Q B - P D - M	305 - 1743 1678 - 187 507 - 84	E - M L - G F - L	171 - 44 169 - 38 468 - 3
*IMPORTA russes require extrem component Safety Info racing per BCSI. Unle trached rigid ceiling. L tragonal bracing install hown above and on the				No 70773 * STATE OF * CORIOA * CO	999			

Idiagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss'and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information.
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578455 I FROM: RFG	HIPS Ply: 1 Qty: 1	Job Number: 23-0001 Miller Truss Label: D2		Cust: R 215 JRef: 1XTb2150002 T12 DrwNo: 265.23.1537.58413 / FV 09/22/2023
ŀ	<u>4'4"11   8'9</u> 4'4"11 4'4'		22'1"2 26'7"9 4'4"10 4'6"6	<u>31'7"14</u> - <mark>  - 36'11"8</mark> 5'0"5 - <b>  - 5'3</b> "10
	s	≡5X5 ≡3X4 ≡2X4	≡3X4 ≷5X5	$M_{\parallel 2X4} = 5X5(B1)$
Ł			1"8 ———	
1'6"8	<u>4'4"11 4'4'</u> 4'4"11 8'9		8'11"1	5'0"5 5'3"10 1'6" 31'7"14 36'11"8 =
Coding Criteria (psf)           CLL:         20.00           'CDL:         10.00           3CLL:         0.00           3CDL:         10.00           3CDL:         10.00           SCDL:         10.00           SCDL:         10.00           Soffit:         2.00           coad Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/ C&C Dist a: 3.70 ft Loc. from endwall: not in GCpi: 0.18 Wind Duration: 1.60	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes h 9.00 ft FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.138 F         999         360           VERT(CL):         0.263 F         999         240           HORZ(LL):         0.060 K         -         -           HORZ(TL):         0.113 K         -         -           Creep Factor:         2.0         Max TC CSI:         0.642           Max BC CSI:         0.877         Max Web CSI:         0.630	▲ Maximum Reactions (Ibs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL T 1809 /- /- /966 /288 /251 K 1806 /- /- /997 /288 /- Wind reactions based on MWFRS T Brg Wid = 3.5 Min Req = 2.1 (Truss) K Brg Wid = 4.0 Min Req = 2.1 (Truss) Bearings T & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (Ibs) Chords Tens.Comp. Chords Tens. Comp. B - C 345 - 2017 G - H 472 - 2361
Lumber Fop chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	;	WAVE, HS	VILW Vel. 22.02.00.0914.12	C - D 412 - 2111 H - I 407 - 1873 D - E 381 - 1708 I - J 437 - 2313 E - F 472 - 2361 J - K 420 - 2578 F - G 472 - 2361
Bracing				Maximum Bot Chord Forces Per Ply (lbs)
nember. L <b>oading</b> Truss passed check fo	restraint equally spaced of or 20 psf additional bottor s with 42"-high x 24"-wide	n		Chords         Tens. Comp.         Chords         Tens. Comp.           S - R         1632         -167         O - N         2202         -203           R - Q         2123         -191         N - M         2048         -244           Q - P         2123         -191         M - K         2048         -243           P - O         2202         -203               Maximum         Web Forces Per Ply (lbs)
Wind				Webs Tens.Comp. Webs Tens. Comp.
member design. Left end vertical not ex Wind loading based or Additional Notes	MWFRS with additional C cposed to wind pressure. n both gable and hip roof		NININANDO VIN	B - T 306 - 1761 R - E 153 - 787 B - S 1654 - 202 E - P 451 - 20 S - C 96 - 393 H - N 125 - 625 D - R 845 - 116 N - I 916 - 118
7-4-2.	truss excluding overha	COA#0-278 Florida Certif 09/22/20	No 70773 * STATE OF CORIDA G	999
**IMPORTA russes require extrem component Safety Info racing per BCSI. Unle ttached rigid ceiling. L iagonal bracing install hown above and on th lotes page for addition	MARNING HEAD THAT HIS D THAT	AND FOLLOW ALL NOTES ON THIS D DRAWING TO ALL CONTRACTORS INC rolling, shipping, installing, and bracing. If A) for safety practices prior to performin- chord shall have properly attached struct inanent lateral restraint of webs shall have sections B3, B7, or B10, as applicable. Noted otherwise. Refer to drawings 160/ Group Inc. shall not be responsible for ar andling. shipping. Installation and bracin	EAWING: LUDING THE INSTALLERS Refer to and follow the latest edition the se functions. Installers shall p iral sheatthing and bottom chord sha continuous lateral restraint (CLR), Apply plates to each face of truss a -Z for standard plate positions. Ref v deviation from this drawing, any f	of BCSI (Building rovide temporary all have a property installed with ad position as er to job's General ailure to build the

Alpine, a division of TW 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 oslely 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: 578423 FROM: RFG	COMN Ply: 1 Qty: 5	Job Number: 23-0001 Miller Truss Label: G1		Cust: R 215 JRef: 1XTb2150002 T36 DrwNo: 265.23.1538.03600 / FV 09/22/2023
	5'6" 5'6"	11'3"12 + 15'7" + 59'12 + 4'3'4		<u>32'8"</u> 7'3'8
	B 8 2 8 2 8 2 8 2 9 8 3 9 8 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Axe a a c a c	*5X5 G	$ \begin{array}{c}  & 706 \\ H \\ \hline  & H \\ \hline \hline  & H \\ \hline  & H \\ \hline \hline \hline  & H \\ \hline \hline \hline  & H \\ \hline \hline \hline \hline  & H \\ \hline \hline$
	<b>5</b> '6" —	*	27'2"	
	<mark>=<sup>1'6"</sup>= = 5'6"</mark> 			$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Coading Criteria (psf)           CLL:         20.00           CDL:         10.00           3CLL:         0.00           3CDL:         10.00           3CDL:         10.00           3CDL:         10.00           3CDL:         10.00           Obset Ld:         40.00           ACBCLL:         10.00           Soffit:         2.00           .oad Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h C&C Dist a: 3.27 ft Loc. from endwall: not i	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes		D         B         194         /-200         /-         /50         /76         /292           T         1851         /-         /-         /1028         /-         /-           I         1242         /-         /-         /786         /-         /-           Wind reactions based on MWFRS         B         Brg Wid = 3.5         Min Req = 1.5 (Truss)         T         Brg Wid = 4.0         Min Req = 1.8 (Truss)         I         Brg Wid = 4.0         Min Req = 1.5 (Truss)         Bearings B, T, & I are a rigid surface.         Members not listed have forces less than 375#
<b>-umber</b> Fop chord: 2x4 SP #2	GCpi: 0.18 Wind Duration: 1.60	WAVE	VIEW Ver: 22.02.00.0914.12	Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 626 0 F - G 0 -1308
Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	, B2 2x4 SP M-31;			C - D 0 - 840 G - H 0 - 1952 D - E 20 - 607 H - I 0 - 1442 E - F 0 - 1002
Bracing (a) Continuous lateral nember.	restraint equally spaced	on		Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
Plating Notes All plates are 2X4 exc Loading	ept as noted. or 20 psf additional botto	m		B - T         103         -473         P - N         1560         0           T - S         109         -444         N - M         1457         0           S - R         874         0         M - H         1418         0           R - Q         874         0         L - K         1092         0           Q - P         1555         0         K - I         1093         0
	is with 42"-high x 24"-wid	le		Maximum Web Forces Per Ply (Ibs) Webs Tens.Comp. Webs Tens. Comp.
member design. Wind loading based o Additional Notes	MWFRS with additional n	C&C f types.	No 70773	T-C 0-1737 Q-G 84 -691 C-S 1236 0 G-P 407 0 S-E 0-568 M-L 391 0 Q-F 376 0 L-H 0-1122
load case requires úpl Reactions.	f -200# MAX. from a non lift connection. See Maxi his truss excluding overh		No 70773 STATE OF	

Shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information. 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 drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org







SEQN: 578389 FROM: RFG	HIPS Ply: 1 Qty: 1	Miller	nber: 23-0001 abel: H2				5 JRef:1XTb215 65.23.1539.4916 V 09/22/	7
				14'4* 19'9'8 34" 5'5'8  -	25'4" 5'6"8	1		
	+ + ++ <sup>1</sup> + - - - - - - - - - - - - - - - - - - -	9 12 =5X5 B QP 2X4(A1) III3X4		=5x6 =3x5	112.5X	FI - FI - BB	ф <sup>а</sup>	
		<del>= 2'4"</del> <b>= </b> = 2'4" <b>= </b> =	4'4* + 4'4* + 1'4* 6'8* + 11' + 12'4  +	+ 5'9" + - 199"8 + - 14'0"8	5'6"8 25'4"	<del> -</del> 1'6" <del>- </del>		
Loading Criteria (psf)           CLL:         20.00           TCL:         10.00           CCL:         0.00           CCL:         0.00           CCL:         10.00           CCL:         10.00           CCL:         10.00           CCL:         10.00           SCEL:         10.00           Obset Ld:         40.00           VCBCLL:         10.00           Soffit:         2.00           .oad Duration:         1.25           Spacing:         24.0 "	C&C Dist a: 3.	SCE 7-16 nph sed : II NA 15.00 ft llel Dist: h/2 to h 00 ft wall: not in 9.00 ft 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.097 O         999 360           VERT(CL):         0.204 O         999 240           HORZ(LL):         0.106 G         -           HORZ(TL):         0.223 G         -           Creep Factor:         2.0           Max TC CSI:         0.490           Max BC CSI:         0.507           Max Web CSI:         0.440           VIEW Ver:         22.02.00.0914.12	A 1078 / G 1181 / Wind reaction A Brg Wind Bearings A 8 Members not Maximum T Chords Ter A - B 1 B - C 22	vity <u>R-</u> / Rh , /- , /- ns based or = 4.0 Mir = 4.0 Mir = 4.0 Mir = 4.0 Mir t listed have op Chord F Is.Comp. 68 - 745 62 - 1606	Non-Gi / Rw / U /639 /16- /729 /183 MWFRS Req = 1.5 (Tru Req = 1.5 (Tru d surface. forces less that orces Per Ply ( Chords Tens D - E 26 E - F 27	/ RL 4 /280 9 /- iss) iss) iss) iss) iss) 5. Comp. 89 - 908 73 - 1233
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;		00f-2.0E;			-		orces Per Ply (	16 - 1440 I <b>bs)</b> s. Comp.
Plating Notes All plates are 2X4 exc Wind	ept as noted.				Q-O 13	41 - 113 34 - 140 34 - 140	N-L 87 L-J 86 I-G 105	5 - 51
Wind loads based on member design.						leb Forces is.Comp.	P <b>er Ply (lbs)</b> Webs Ten	s. Comp.
Wind loading based o Additional Notes The overall height of tl 8-10-2.	-				-	89 - 632 64 - 104	J-E 40 J-I 104	
Laterally brace chord a (or as designed) inclu directly above/ below l (if no rigid diaphragm	ding a lateral br both ends of fill	ace on chord er		No 70773				
			09/22/20					
**IMPORTA russes require extrem component Safety Info racing per BCSI. Unit tached rigid ceiling. L iagonal bracing instal	**WARNING* ANT** FURNIS for care in fabric ormation, by TP ess noted othen coations show led on the CLR	* READ AND FO SH THIS DRAWING ating, handling, sh I and SBCA) for sa wise, top chord sha n for permanent lat per BCSI sections unlose netod atk	LLOW ALL NOTES ON THIS D 3 TO ALL CONTRACTORS INC ipping, installing and bracing. R fety practices prior to performing ull have properly attached structu eral restraint of webs shall have B3, B7, or B10, as applicable. Detro to drowing a 1600	RAWING! LUDING THE INSTALLERS lefer to and follow the latest editio these functions. Installers shall ral sheathing and bottom chord si continuous lateral restraint (CLR) opply plates to each face of truss -Z for standard plate positions. Re y deviation from this drawing, any g of trusses. A seal on this drawi	n of BCSI (Buil provide tempor all have a prop , installed with and position as	ding ary berly		

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	Cust: R 215 JRef: 1XTb: DrwNo: 265.23.1544.0 / FV 09/					<b>mber:</b> 23-0001 . <b>abel:</b> HJ4	Miller	Ply: 1 Qty: 1	HIP_	578467 RFG
				<del>- -</del> 8'8"⁄- 4'4"2	l'4"2 l'4"2					
	r connection	<sup>o</sup> <sup>b</sup> <sup>b</sup> <sup>b</sup> <sup>b</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>c</sup> <sup>b</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup> <sup>c</sup>	D E E =4X4	33X4 C C C C C C C C C C C C C C C C C C C	=3	5.98 12 5.98 12 B B H B H B H B H B H B H B H B H B H	A	+ + + + (		
	ed	Required		4'4"2 8'8"4	l'4"2 l'4"2		<b></b> 2'0"12 -	ł		
/195 /- /61 /- /64 /- 3 .5 (Truss) ss than 375#	/ Rh         / Rw         /           /-         /-         /	H Brg Wid = 4.0 E Brg Wid = 1.5 D Brg Wid = 1.5 Bearing H is a rigid Members not listed Maximum Top Ch	n loc L/defl L/# 109 G 999 360 117 G 999 240 102 F 104 F 0. 0.633 0.520 0.370	HORZ(LL): 0.002 HORZ(TL): 0.004 Creep Factor: 2.0 Max TC CSI: 0	A CAT: NA Ce: NA A NA 0 Res. by Ld Case	Př. NA Lu: NA Cs: NA Snow Duration: N/ Building Code: FBC 7th Ed. 2020 TPI Std: 2014 Rep Fac: Varies by FT/RT:20(0)/10(0) Plate Type(s):	't t: 0 to h/2	Criteria Std: ASCE 7-1 : 130 mph ure: Closed ategory: II C Kzt: NA Height: 15.00 ft 5.0 psf 5.0 psf S Parallel Dist: Dist a: 3.00 ft om endwall: noi GCpi: 0.18 Duration: 1.60	Wind S Speed Enclos Risk C EXP: C Mean I TCDL: BCDL: BCDL: MWFR C&C E Loc. fr	<b>g Criteria</b> (psf) 20.00 10.00 0.00 10.00 40.00 L: 10.00 2.00 uration: 1.25 : 24.0 "
		Chords Tens.Corr B - C 151 - 6	2.00.0914.12	VIEW Ver. 22.02.		WAVE		Juration: 1.60		r
r Ply (lbs)	Chord Forces Per Pl									ord: 2x4 SP #2 ord: 2x4 SP #2;
119 (103)		Chords Tens.Com								2x4 SP #3; <b>I Loads</b>
	- 112	G-F 508 -1						Plate Dur.Fac.=		Imber Dur.Fac
Ibs) Tens. Comp.	<b>b Forces Per Ply (lbs)</b> Comp. Webs T	Maximum Web Fo Webs Tens.Com					at 6.04	06 to 62 plf : 69 to 31 plf : 04 to 62 plf :	at 0.	rom 62 plf a rom 31 plf a rom 62 plf a
143 - 646	-656 C-F	H-B 207-6	VINIIII SE 95	No 70775			fat 0.00 fat 6.04	06 to 4 plf 00 to 10 plf 04 to 20 plf 3.69 3.36 5.70 5.04 0.69 2.69 3.36 5.70 5.70 5.70 5.70 5.70 5.70	at -2. at 0. at 6. oad at 0 oad at 2 oad at 3 oad at 5 oad at 6 oad at 6 oad at 2 oad at 3 oad at 3 oad at 3	rom 4 plf ; rom 10 plf ; rom 20 plf ; 9 lb Conc. Lu 24 lb Conc. Lu 87 lb Conc. Lu 117 lb Conc. Lu 147 lb Conc. Lu 47 lb Conc. Lu 64 lb Conc. Lu 85 lb Conc. Lu 99 lb Conc. Lu
			73	No 70773						
			R	*				ed on MWFRS to wind pressur		
			OF	STATE O		4	oof types.	able and hip ro	n both g	ading based o
		999	Approval #FL19	icate of Product	COA#0-278 Florida Certif 09/22/20	C' Fl	erhang is	s excluding ove	his truss	onal Notes erall height of t
		of BCSI (Building rovide temporary all have a property nstalled with nd position as er to job's General ailure to build the	Approval #FL19	STATE O	COA#0-278 Florida Certif 09/22/20	CL FI CLOW ALL NOTES G TO ALL CONTRA ipping, installing an afety practices prior all have properly attra teral restraint of wet B3, B7, or B10, as erwise. Refer to dr c. shall not be respo shipping, installatic	ire. oof types. erhang is	to wind pressur jable and hip ro s excluding ove	xposed in both g his truss	d vertical not e bading based o <b>onal Notes</b> erall height of t

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SEQN: 578367 FROM: RFG	JACK	Ply: 1 Qty: 4	Job Number: 23-0001 Miller Truss Label: J1		Cust: R 215 JRef: 1XTb2150002 T48 DrwNo: 265.23.1544.06613 / FV 09/22/2023
		A A	9 B B III 3X4(B2)	<del>&gt;</del>	<ul> <li>↓ 10'0"6</li> <li>↓ 9'</li> </ul>
TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des I d:         40.00	Wind S Speed Enclos Risk C EXP: C Mean I TCDL: BCDL: BCDL: MWFR C&C D Loc. fre	Criteria Std: ASCE 7-16 : 130 mph sure: Closed ategory: II C Kzt: NA Height: 15.00 ft 5.0 psf 5.0 psf S Parallel Dist: 0 Dist a: 3.00 ft om endwall: Any GCpi: 0.18 Duration: 1.60	to h/2 to h/2 to h/2	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.002 C Creep Factor: 2.0 Max TC CSI: 0.172 Max BC CSI: 0.032 Max Web CSI: 0.000	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

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

#### Wind

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

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is 1-3-14.



\*\*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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578469 FROM: RFG	Qty: 1 Miller	umber: 23-0001 Label: J01		Cust: R 215 JRef: 1XTb2150002 T1 DrwNo: 265.23.1544.08050 / FV 09/22/2023
	8 5"8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 B = 2X4(A1)	C D D D J J J J J J J J J J J J J J J J	9'
		1'6"	<b>&gt;</b>	
Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-16	1'6"	└10 Defl/CSI Criteria	▲ Maximum Reactions (Ibs) Gravity Non-Gravity
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph	1'6"	<b>'10</b>	
ICLL:         20.00           ICDL:         10.00           BCLL:         0.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed	1'6"         1'3'           Snow Criteria         (Pg,Pf in PSF)           Pg: NA         Ct: NA         CAT: NA           Pf: NA         Ce: NA         Lu: NA         Cs: NA	PD effl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         243         /-         /-         /198         /47         /57
TCLL:         20.00           TCDL:         10.00           SCLL:         0.00           SCDL:         10.00	Wind Std: ASCE 7-16 Speed: 130 mph	1'6"                      1'3' Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         243         /-         /-         /198         /47         /57           D         15         /-5         /-         /15         /7         /-
CLL:         20.00           CDL:         10.00           SCLL:         0.00           SCDL:         10.00           SCDL:         10.00           SCDL:         10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft	1'6" 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): -0.001 B HORZ(TL): 0.001 B	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         243         /-         /198         /47         /57
CLL:         20.00           CDL:         10.00           3CLL:         0.00           3CDL:         10.00           3CDL:         10.00           ACDL:         10.00           ACDL:         10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf	1'6"         1'3'           Snow Criteria         (Pg,Pf in PSF)           Pg: NA         Ct: NA         CAT: NA           Pf: NA         Ce: NA         Lu: NA         Cs: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         243         /-         /-         /198         /47         /57           D         15         /-5         /-         /15         /7         /-           C         -         /-26         /-         /30         /43         /-           Wind reactions based on MWFRS         B         Brg Wid = 4.0         Min Req = 1.5 (Truss)         (Truss)
CLL:         20.00           TCDL:         10.00           3CLL:         0.00           3CDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf	1'6" Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code:	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B HORZ(TL): 0.001 B Creep Factor: 2.0	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         243         /-         /-         /198         /47         /57           D         15         /-5         /-         /15         /7         /-           C         -         /-26         /-         /30         /43         /-           Wind reactions based on MWFRS         B         Brg Wid = 4.0         Min Req = 1.5 (Truss)         D         Brg Wid = 1.5         Min Req = -
TCLL:         20.00           TCDL:         10.00           3CLL:         0.00           3CDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf	1'6" 1'3' Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.167	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         243         /-         /-         / 198         /47         /57           D         15         /-5         /-         / 15         /7         /-           C         -         /-26         /-         /30         /43         /-           Wind reactions based on MWFRS         B         Brg Wid = 4.0         Min Req = 1.5 (Truss)         D         Brg Wid = 1.5         Min Req = -         C         Brg Wid = 1.5         Min Req = -         C         Brg Wid = 1.5         Min Req = -         C         Brg Wid = 1.5         Min Req = -         C         Brg Wid = 1.5         Min Req = -         C         Brg Wid = 1.5         Min Req = -         C         Brg Wid = 1.5         Min Req = -         C         Brg Wid = 1.5         Min Req = -         C         D         Brg Wid = 1.5         Min Req = -         C         D         Brg Wid = 1.5         Min Req = -         C         S         Min Reg         C         C         C         S         Min Reg         C         C         S         Min Reg         C         C         S         Min Reg         C </td
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any	1'6" 1'3' Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.167 Max BC CSI: 0.029	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         243         /-         /-         /198         /47         /57           D         15         /-5         /-         /15         /7         /-           C         -         /-26         /-         /30         /43         /-           Wind reactions based on MWFRS         B         Brg Wid = 4.0         Min Req = 1.5 (Truss)         D         D grg Wid = 1.5         Min Req = -
TCLL:         20.00           TCDL:         10.00           SCLL:         0.00           SCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	1'6" 1'3' Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 B HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.167 Max BC CSI: 0.029	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

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

#### Wind

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

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is 1-3-15.



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SEQN: 578457 FROM: RFG		Qty: 2	Job Number: 23-0001 Miller Truss Label: J2		Cust: R 215 JRef:1XTb2150002 T52 DrwNo: 265.23.1544.09340 / FV 09/22/2023
			9 12 9 B B III 3X4(B2) 1'6" 1'7" 1'7"		<ul> <li>↓ 10'6"6</li> <li>↓ 9'</li> </ul>
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Speed: Enclosu Risk Cat EXP: C Mean He TCDL: 5 BCDL: 5 MWFRS C&C Dis Loc. fror	d: ASCE 7-16 130 mph re: Closed tegory: II Kzt: NA eight: 15.00 ft 5.0 psf	o h/2 o h/2 Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): NA           VERT(CL): NA           HORZ(LL): -0.001 C           HORZ(TL): 0.002 C           Creep Factor: 2.0           Max TC CSI: 0.172           Max BC CSI: 0.033           Max Web CSI: 0.000	▲ Maximum Reactions (Ibs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 229 /- /- /184 /30 /75 D 27 /- /- /18 /0 /- C 9 /- /- /29 /23 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

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

#### Wind

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

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is 1-9-14.



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SEQN: 578375 FROM: RFG	JACK	Ply: Qty:		Job Number: 23-0001 Miller Truss Label: J3				Cust: R 215         JRef: 1XTb2150002         T47           DrwNo:         265.23.1544.10937            /         FV         09/22/2023
			7 <sup>72</sup> ↓ ↓	9 12 9 B III 3X4(E	,		- - - - - - - - - - - - - - - - - - -	
			ŀ		2'11 2'11	~		
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind S Speed Enclos Risk C EXP: C Mean I TCDL: BCDL: BCDL: MWFR C&C D Loc. free	itd: 130 ure: C ategoi C Kz Height 5.0 ps 5.0 ps S Par ist a: 3 om en GCp	ASCE 7-16 mph Closed ry: II t: NA t: 15.00 ft sf sf rallel Dist: 0	Pg: NA Ci Pf: NA Lu: NA Ci Snow Duratio Building Code FBC 7th Ed. I TPI Std: 201 Rep Fac: Yes	e: 2020 Res. 14 5 10(0)	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): NA           VERT(CL): NA           HORZ(LL): -0.001 C -           HORZ(TL): 0.001 C -           Creep Factor: 2.0           Max TC CSI: 0.172           Max BC CSI: 0.081           Max Web CSI: 0.000	Gravit Loc R+ / R B 262 /- D 55 /- C 70 /- Wind reaction: B Brg Wid = D Brg Wid = C Brg Wid = Bearing B is a	- /Rh /Rw /U /RL /- /196 /17 /110 /- /32 /- /- /- /54 /55 /- s based on MWFRS s 4.0 Min Req = 1.5 (Truss) s 1.5 Min Req = - s 1.5 Min Req = -
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2						-		
Wind Wind loads based on member design. Wind loading based of Additional Notes The overall height of 12-9-14.	MWFRS	able a	and hip roof	types.				



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SEQN: 578363 FROM: RFG	JACK	Ply: Qty:		Job Nui Miller	mber: 23-0001					Cust: R 215 DrwNo: 265			2 T46
		ς.,.	-	-	abel: J3A					/ FV		9/22/202	23
					<mark>- 2'4"</mark> 2'4"		2'11"11 - - 7"11						
		-		A	9 2 C B III 3X4(B2)	[	D F F		$\begin{array}{c} 11^{1} \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	"6			
				┝╼───	1'6" <del>- -</del> 2'4" 2'4"		- <mark> -7"11</mark> 2'11"11						
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Speed Enclos Risk C EXP: ( Mean TCDL: BCDL: BCDL: MWFF C&C E Loc. fr	Std: A sure: C ategor C Kzt Height: 5.0 ps S Para Dist a: 3 om end GCp	ASCE 7-16 mph losed y: II t: NA : 15.00 ft of allel Dist: 0		Snow Criteria (Pg,Pf in I Pg: NA Ct: NA CAT Pf: NA Ce: Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	T: NA NA	Defl/CSI Criteria PP Deflection in loc L/defl I VERT(LL): -0.004 C 999 HORZ(LL): -0.004 G - HORZ(TL): -0.004 G - HORZ(TL): 0.006 G - Creep Factor: 2.0 Max TC CSI: 0.172 Max BC CSI: 0.051 Max Web CSI: 0.031 VIEW Ver: 22.02.00.0914.12	_/# 360 240 -	▲ Maximum R Gravit Loc R+ / R B 262 /- E 49 /- D 70 /- Wind reactions B Brg Wid = E Brg Wid = D Brg Wid = Bearing B is a Members not I	y / Rh /- /- s based on M 4.0 Min R 1.5 Min R 1.5 Min R rigid surface	No / Rw /196 /32 /55 IWFRS ieq = 1.5 ieq = - ieq = -	o (Truss)	<u>/ RL</u> /110 /- /-
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	). -, ;												
Plating Notes All plates are 2X4 exc	ent as r	noted											
Wind Wind loads based on member design. Wind loading based o	MWFR	Swith											
Additional Notes The overall height of t 2-9-14.	his trus	s exclu	ding overh	ang is									
	**14/ 4 1				COA#0 Florida 09/2	-278 Certific 22/2023	No 70773 * STATE OF CENSE * STATE OF CORIDA CORIDA SONAL	FL199	9				
**IMPORT/ russes require extren component Safety Infor racing per BCSI. Unit ttached rigid ceiling. I liagonal bracing instal hown above and on t yotes page for additio	ANT** ne care ormatior ess note Location lled on ti he Joint nal infor	TURNI FURNI in fabri d othe is show he CLI Detail matior	ISH THIS I icating, har PI and SBC rwise, top c wn for perm R per BCSI s, unless r	AND FO RAWING Idling, sh A) for sa shord sha anent lat sections oted othe	5 TO ALL CONTRACTOR ipping, installing and brac fety practices prior to perf all have property attached eral restraint of webs shal B3, B7, or B10, as applic erwise. Refer to drawing	STINCE SINCE STAND STRUCTUR ST	AWING! LUDING THE INSTALLERS efer to and follow the latest ec these functions. Installers si al sheathing and bottom chor continuous lateral restraint (C pply plates to each face of tru. Z for standard plate positions of truspers. A seal on this di	dition c hall pro rd shal LR), in uss and . Refe	of BCSI (Buildir ovide temporar I have a proper stalled with d position as r to job's Gener	ng Y Ty ral	AL	PI	NE

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SEQN: 578511 FROM: RFG	Qty: 1 Miller	umber: 23-0001 Label: J03			Cust: R 215 JRef: 1XTb2150002 T22 DrwNo: 265.23.1544.13280 / FV 09/22/2023
	$\begin{array}{c} \overline{1}\\ 5^{*8}\\ \underline{1}\\ \end{array}$	8 12 B 2X4(A1) 5'9"	~	- - - - - - - - - - - - - - - - - - -	)"7
		5'9"	10 '		
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		eactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Loc R+ / R-	
CDL: 10.00	Speed: 130 mph Enclosure: Closed	Pf: NA Ce: NA	VERT(LL): NA		
BCLL: 0.00	Risk Category: II	Lu: NA Cs: NA	VERT(CL): NA	B 369 /-	/- /257 /19 /164
3CDL: 10.00	EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.006 B	D 108 /- C 158 /-	/- /60 /- /- /- /115 /96 /-
Des Ld: 40.00	Mean Height: 15.00 ft	Building Code:	HORZ(TL): 0.012 B Creep Factor: 2.0		based on MWFRS
CBCLL: 10.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.490	B Brg Wid =	
oad Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.352	D Brg Wid =	
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Wid =	
Spacing. 27.0	Loc. from endwall: not in 4.50 ft			Bearing B is a	rigid surface. sted have forces less than 375#
	GCpi: 0.18	Plate Type(s):		Members not i	sted have forces less than 375#
	Wind Duration: 1.60	WAVE	VIEW Ver: 22.02.00.0914.12		
Lumber				-	
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2;	,				
Wind					

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

Wind loading based on both gable and hip roof types.

## Additional Notes

The overall height of this truss excluding overhang is 4-3-15.



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SEQN: 578459 FROM: RFG	Qty: 2 Miller	umber: 23-0001 Label: J4			Cust: R 215 JRef:1XTb2150002 T56 DrwNo: 265.23.1544.15193 / FV 09/22/2023
	<sup>7</sup> <sup>7</sup> <sup>2</sup> → A → 1 <sup>1</sup>	9 12 9 B B III 3X4(B2) 6"		9'	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA HORZ(LL): -0.002 C HORZ(TL): 0.002 C Creep Factor: 2.0 Max TC CSI: 0.179 Max BC CSI: 0.112 Max Web CSI: 0.000 VIEW Ver: 22.02.00.0914.12	B Brg Wid = D Brg Wid = C Brg Wid = Bearing B is a	Non-Gravity           / Rh         / Rw         / U         / RL           /-         /204         /14         /122           /-         /36         /-         /-           /-         /67         /64         /-           : based on MWFRS         4.0         Min Req = 1.5 (Truss)         1.5           1.5         Min Req = -         1.5         Min Req = -
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;				L	
Wind	MWFRS with additional C&C				

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

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is 3-1-14.



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SEQN: 578463 FROM: RFG	JACK	Ply: 1 Qty: 1	Miller	nber: 23-0001 abel: J04				Cust: R 215 DrwNo: 265 / FV	5.23.1544.1		T15
			8	12 12 12 12 12 12 12 12 12 12		2.9"15	<u>9</u> '	7			
TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00	Wind S Speed Enclos Risk C EXP: ( Mean I TCDL: BCDL: BCDL: MWFR C&C D Loc. fre	Criteria           Std:         ASCE 7-10           1:         130 mph           ure:         Closed           category:         II           C         Kzt: NA           Height:         15.00 ft           :         5.0 psf           SS Parallel Dist:         Dist a:           Dist a:         3.00 ft           om endwall:         not           GCpi:         0.18           Duration:         1.60	0 to h/2	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(LL): 0.000 B HORZ(TL): 0.000 B Creep Factor: 2.0 Max TC CSI: 0.177 Max BC CSI: 0.041 Max Web CSI: 0.039	99 360 99 240  	▲ Maximum R Gravit Loc R+ / R E 231 / D 40 /- C 24 /- Wind reactions E Brg Wid = C Brg Wid = Bearing E is a Members not I	y - / Rh /- /- s based on M 3.5 Min R 1.5 Min R 1.5 Min R rigid surface	Nor / Rw /218 /20 /56 /WFRS Req = 1.5 Req = - Req = - S.	/85 /- /- /- /43 /7 (Truss)	<u>RL</u> 75
Lumber	Wind E	Duration: 1.60		WAVE	VIEW Ver: 22.02.00.0914	4.12	J				

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

#### Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

The overall height of this truss excluding overhang is 2-9-15.



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SEQN: 578373 . FROM: RFG	-	y: 2	<b>Job Number:</b> 23-0001 Miller <b>Truss Label:</b> J5		Cust: R 215 JRef: 1XTb2150002 T4 DrwNo: 265.23.1544.18053 / FV 09/22/2023
		<b>1</b> 772 <b>1</b> <b>−</b>	9 12 B B W3X4(B2)		) <sup>-</sup> 13'0"6 ) <sup>-</sup> 9'
		<del>-</del>	— 1'6" — <del>-   -</del>	4'11"11 4'11"11	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Speed: 13 Enclosure: Risk Categ EXP: C F Mean Heig TCDL: 5.0 BCDL: 5.0 MWFRS P C&C Dist a Loc. from 6	ASCE 7-16 30 mph Closed gory: II Kzt: NA hit: 15.00 ft psf psf arallel Dist: 0 to a: 3.00 ft endwall: not in 4 Cpi: 0.18	Rep Fac: Yes	NAPP Deflection in loc L/defl L/# VERT(LL): NALocIAVERT(LL): NABVERT(CL): NABHORZ(LL): -0.005 C-HORZ(TL): 0.008 B-Creep Factor: 2.0WindMax TC CSI: 0.370BMax BC CSI: 0.266DMax Web CSI: 0.000Bearing	ximum Reactions (lbs)           Gravity         Non-Gravity           R+         / R-         / Rh         / Rw         / U         / RL           35         /-         /-         /236         /5         / 162           35         /-         /-         /236         /5         / 162           5         /-         /-         /53         /-         /-           40         /-         /-         /110         /95         /-           reactions based on MWFRS         Big Wid = 4.0         Min Req = 1.5 (Truss)         Big Wid = 1.5         Min Req = -           arg Wid = 1.5         Min Req = -         -         -         -           mg B is a rigid surface.         -         -         -         -           bers not listed have forces less than 375#         -         -         -
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;			IWAVE		
Wind Wind loads based on I member design. Wind loading based or					
Additional Notes The overall height of th 4-3-14.	nis truss exe	cluding overhar	ng is		
				No 70773	
				-278 Certificate of Product Approval #FL1999 22/2023 IS DRAWING! SINCLUDING THE INSTALLERS IG. Refer to and follow the latest edition of BCS	

\*\*MPCTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS \*\*IMPCTANT\*\* 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information. Apine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578365 FROM: RFG	JACK Ply: 1 Qty: 2	Job Number: 23-0001 Miller		Cust: R 215 JRef:1XTb2150002 T4 DrwNo: 265.23.1544.21020
	Giy. Z	Truss Label: J5A		/ FV 09/22/2023
		9 12 C B GF II 3X4(B2)	D B B E	$ \begin{array}{c}         130"6 \\         130"6 \\         10' \\         10' \\         10' \\         9' \\         9'         10'         $
	<b> -</b>	- 1'6"	2'7"11 4'11"11 ►	
Loading Criteria (psf)           FCLL:         20.00           FCLL:         10.00           GCLL:         0.00           GCLL:         10.00           GCLL:         10.00           GCLL:         10.00           GCLL:         10.00           GCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "           Lumber         Top chord:           Top chord:         2x4 SP #2           Webs:         2x4 SP #3;           Plating Notes         All plates are 2X4 exc           Wind         bads based on	;	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes fT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.035 F         999         360           VERT(CL):         0.065 F         913         240           HORZ(LL):         0.025 C         -         -           HORZ(TL):         0.051 C         -         -           Creep Factor:         2.0         Max TC CSI:         0.341           Max BC CSI:         0.103         -           VIEW Ver:         22.02.00.0914.12	▲ Maximum Reactions (Ibs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 335 /- /- /237 /6 /163 E 89 /- /- /53 /- /- D 137 /- /- /109 /87 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#
Additional Notes	on both gable and hip roof this truss excluding overh			
		COA#0-27 Florida Cer	No 70773 STATE OF CORIDA STATE OF SIONAL HILLING SIONAL	999

Idiagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss' and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2' for standard plate positions. Refer to job's General Notes page for additional information.
 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 Idisting this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
 For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578465 FROM: RFG	JACK Ply: 1 Qty: 1	Job Number Miller				Cust: R 215 JRef: 1XTb2150002 T10 DrwNo: 265.23.1544.22453
		Truss Label	: J05			/ FV 09/22/2023
	<del> -</del> 1'5"13	H2B		C D D	9' 9' 9' 9'	7
		<del>-</del> 1'6"8 <del> -</del>	4'3"2 4'3"2	+		
Coading Criteria (psf)           CLL:         20.00           'CDL:         10.00           3CLL:         0.00           3CDL:         10.00           3CDL:         10.00           3CDL:         10.00           3CEL:         0.00           3CEL:         10.00           Ses Ld:         40.00           ICBCLL:         10.00           Soffit:         2.00           .oad Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASCE 7 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dis C&C Dist a: 3.00 ft Loc. from endwall: r GCpi: 0.18	7-16 Pg: Pf: Lu: Sno ft Bui FB: st: 0 to h/2 TPI Rej not in 4.50 ft FT/	ow Criteria (Pg,Pf in PSF) NA Ct: NA CAT: NA NA Cs: NA NA Cs: NA ow Duration: NA Iding Code: C 7th Ed. 2020 Res. I Std: 2014 p Fac: Yes (RT:20(0)/10(0) te Type(s):	Def//CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.000 B         999         360           VERT(CL):         0.001 B         999         240           HORZ(LL):         -0.001 B         -         -           HORZ(TL):         0.001 B         -         -           Creep Factor:         2.0         Max TC CSI:         0.257           Max BC CSI:         0.211         Max Web CSI:         0.048	Gravit           Loc         R+         / R           E         304         /-           D         85         /-           C         117         /-           Wind reactions         E         Brg Wid =           D         Brg Wid =         C           C         Brg Wid =         Bearing E is a	- /Rh /Rw /U /RL /- /272 /110 /- /- /43 /- /- /- /78 /11 /128 s based on MWFRS 3.5 Min Req = 1.5 (Truss) 1.5 Min Req = - 1.5 Min Req = -
Lumber Fop chord: 2x4 SP #2 Sot chord: 2x4 SP #2; Webs: 2x4 SP #3;		WA	VE	VIEW Ver: 22.02.00.0914.12	J	
Wind Wind loads based on member design.	MWFRS with addition	nal C&C				
Left end vertical not ex Wind loading based o						
Additional Notes The overall height of t 4-3-15.	his truss excluding ov	verhang is				
				No 70773		
			COA#0-278	STATE OF		

COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023

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Triteria 130  mph $126 \text{ m}^2$ 130  mph 130  mph 150  ms 15.00  ms 5.0  psf 5.0  psf 5.0  msf 5.0  ms	abel: J6 9 12 9 B B B B B B B B B B B B B B	-	
A Friteria td: ASCE 7-16 130 mph ure: Closed ategory: II Kzt: NA Height: 15.00 ft 5.0 psf S Parallel Dist: 0 to h/2 ist a: 3.00 ft	B Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res.	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA HORZ(TL): 0.009 B Creep Factor: 2.0	
td: ASCE 7-16 130 mph ure: Closed tategory: II Kzt: NA leight: 15.00 ft 5.0 psf 5.0 psf S Parallel Dist: 0 to h/2 ist a: 3.00 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Cs: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res.	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.006 C HORZ(TL): 0.009 B Creep Factor: 2.0	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         344         /-         /-         /241         /4         /168           D         99         /-         /-         /55         /-         /-           C         147         /-         /116         /99         /-
td: ASCE 7-16 130 mph Jre: Closed Ategory: II Kzt: NA Jeight: 15.00 ft 5.0 psf 5.0 psf S Parallel Dist: 0 to h/2 ist a: 3.00 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res.	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.006 C HORZ(TL): 0.009 B Creep Factor: 2.0	Gravity         Non-Gravity           Loc         R+         / R-         / Rh         / Rw         / U         / RL           B         344         /-         /-         /241         /4         /168           D         99         /-         /-         /55         /-         /-           C         147         /-         /116         /99         /-
m endwall: not in 4.50 ft GCpi: 0.18 uration: 1.60	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max BC CSI: 0.294 Max Web CSI: 0.294 VIEW Ver: 22.02.00.0914.12	Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#
with additional C&C able and hip roof types. excluding overhang is			
	Florida Cert	ificate of Product Approval #FL	1999
e	ble and hip roof types.	ole and hip roof types. excluding overhang is COA#0-278 Florida Cert	ole and hip roof types.

Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



TCLL:20.00Wind Std:ASCE 7-16Pg: NACt: NACAT: NAPP Deflection in loc L/defl L/# $U$ $U$ $Non-Gravity$ TCDL:10.00Speed:130 mphPf: NACt: NACAT: NAPP Deflection in loc L/defl L/# $U$ $V$ <td< th=""><th>SEQN: 578371 E FROM: RFG</th><th>Qty: 17 Miller</th><th>umber: 23-0001 Label: J7</th><th></th><th></th><th>Cust: R 215 JRef: 1XTb2150002 DrwNo: 265.23.1546.14783 / FV 09/22/2023</th><th></th></td<>	SEQN: 578371 E FROM: RFG	Qty: 17 Miller	umber: 23-0001 Label: J7			Cust: R 215 JRef: 1XTb2150002 DrwNo: 265.23.1546.14783 / FV 09/22/2023	
Loading Criteria (psf) TCLL: 20.00Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed MSCL: 0.00Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Ce: NA WERT(LL): NA VERT(LL): NA VERT(LL): NA VERT(LL): 0.013 B 		A	B  3X4(B2) 7	510'2			
	TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 f GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.013 B HORZ(TL): 0.027 B Creep Factor: 2.0 Max TC CSI: 0.831 Max BC CSI: 0.564 Max Web CSI: 0.000	Gravity           Loc         R+         / R-           B         416         /-           D         135         /-           C         203         /-           Wind reactions         B         Brg Wid =           D         Brg Wid =         C         Brg Wid =           C         Brg Wid =         Bearing B is a	/ Non-Gravity / Rh / Rw / U / /- /284 /- // /- /77 /- // /- /162 /133 // based on MWFRS 4.0 Min Req = 1.5 (Truss) 1.5 Min Req = - 1.5 Min Req = - rigid surface.	RL 216 - -
	Lumber	vving Duration: 1.60	WAVE	VIEvv Ver: 22.02.00.0914.12			

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

### Wind

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

Wind loading based on both gable and hip roof types.

### Additional Notes

The overall height of this truss excluding overhang is 5-10-2.



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	EJAC	Ply: 1	I Joi	b Number: 23-0001		Cust: R 215 JRef: 1XTb2150002 T45
FROM: RFG		Qty: 3		ler u <b>ss Label:</b> J7A		DrwNo: 265.23.1546.17107 / FV 09/22/2023
				uss Laber: J/A		/ FV 09/22/2023
				9 12 C C B G F II3X4(B2)	р Д Д Е	14'6'10 14'6'10 10' 10' 14'6'10
			<u>-</u> 1'6"	2'4"	4'8"	
	-		1 -	' 2'4" '	7'	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Speed: Enclos Risk C: EXP: C Mean H TCDL: BCDL: MWFR C&C D Loc. fro Wind E	td: A 130 r ure: Cla ategory Kzt: Height: 5.0 psf 5.0 psf S Para ist a: 3. om end GCpi:	SCE 7-16 nph osed /: II NA 15.00 ft illel Dist: h/2 to .00 ft wall: not in 4.5 : 0.18	Rep Fac: Yes	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): 0.126 F 662 360           VERT(CL): 0.259 F 321 240           HORZ(LL): 0.078 C -           HORZ(TL): 0.160 C -           Creep Factor: 2.0           Max TC CSI: 0.773           Max BC CSI: 0.517           Max Web CSI: 0.232           VIEW Ver: 22.02.00.0914.12	
Bot chord: 2x4 SP #2 Webs: 2x4 SP #3; Plating Notes All plates are 2X4 exc Wind Wind loads based on member design.	cept as n MWFRS	S with a				
Wind loading based of Additional Notes The overall height of t 5-10-2.				is		
				COA#0-278 Florida Certif 09/22/202	No 70773 STATE OF STATE	99
**IMPORT Trusses require extre Component Safety Info bracing per BCSI. Unit diagonal bracing insta shown above and on t Notes page for additio Apine, a division of IT truss in conformance u licitize the dominane inc	**WAF ANT** [ ormation ess note Location lled on th the Joint nal inforn W Buildi with ANS	RNING <sup>*</sup> URNIS , by TP d other s show he CLR Details mation. ng Con	** READ ANE SH THIS DRAV cating, handlinn 'I and SBCA) fi wise, top choro n for permaneu per BCSI sect , unless notec nponents Grou 1, or for handling	D FOLLOW ALL NOTES ON THIS I WING TO ALL CONTRACTORS IN g, shipping, installing and bracing, for safety practices prior to performin d shall have properly attached struct in lateral restraint of webs shall have tions B3, B7, or B10, as applicable. J otherwise. Refer to drawings 160. up Inc. shall not be responsible for a ing, shipping, installation and brac	DRAWING! CLUDING THE INSTALLERS Refer to and follow the latest editior to these functions. Installers shall p tural sheathing and bottom chord sh e continuous lateral restraint (CLR), Apply plates to each face of truss a A-Z for standard plate positions. Ref ny deviation from this drawing, any 1 ing of trusses. A seal on this drawing y for the design shown. The suitabil	n of BCSI (Building provide temporary all have a properly installed with ind position as fer to job's General failure to build the by or cover page



SEQN: 578471 FROM: RFG	JACK Ply: 1 Qty: 1	Job Number: 23-0001 Miller Truss Label: JO2		Cust: R 215 JRef:1XTb2150002 T19 DrwNo: 265.23.1546.19870 / FV 09/22/2023
	<u>↓</u> 5'8 1	8 12 8 B = 2X4(A1)	C SL.62 D	
		── 1'6" <del>──&gt;\⊲</del>	6"10	
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 3CLL: 0.00 3CDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7- Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ff TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist C&C Dist a: 3.00 ft Loc. from endwall: no GCpi: 0.18 Wind Duration: 1.60	t Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes	A PP Deflection in loc L/defl L/#	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
Lumber Top chord: 2x4 SP #				
member design. Wind loading based Additional Notes	; n MWFRS with additionation on both gable and hip ro this truss excluding ove	pof types.		
			ININANDO VIA	



\*\*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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsibile for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578572 / FROM: RFG	ATIC Ply: 1 Qty: 5	Job Number: 23-0001 Miller Truss Label: K1		Cust: R 215 JRef: 1XTb2150002 T7 DrwNo: 265.23.1546.22140 / FV 09/22/2023
	F	3'1" • <mark> - 127"8</mark> 3'1" 96*8	- <mark>}- 22'2*</mark> 9'6"8	- <del> - 25'3' - </del>
			■4X10 = 3X4 B2 = 3X4 B2 = 3X4 + + + + + + + + + + + + +	
	= <sup>1'6"8</sup>	6'2"	12'11"	<u>6'2"</u> 25'3" * = <sup>1'6'8</sup> *
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           SCLL:         0.00           SCLL:         10.00           SCLL:         10.00           SCLL:         10.00           SCEL:         10.00           SOFH:         2.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 C&C Dist a: 3.00 ft Loc. from endwall: Any	Rep Fac: Yes FT/RT:20(0)/10(0)		
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE, 18SS	VIEW Ver: 22.02.00.0914.12	C - D 192 - 2432 G - H 484 - 28 D - E 209 - 2398 H - I 259 - 1627
Webs: 2x4 SP #3; W1 Loading Attic room loading fron PSF. Dead Load: 10 P 10 PSF Purlins	100f-2.0Ë; B2 2x4 SP #2; ,W9 2x6 SP 2400f-2.0E; n 6-5-8 to 18-9-8: Live Lo 'SF Ceiling: 10 PSF, Knee	ewalls:		E - F         260 - 1627         I - J         209 - 2395           F - G         483 - 27         J - K         192 - 2433           Maximum Bot Chord Forces Per Ply (lbs)         Chords         Tens. Comp.           Chords         Tens.Comp.         Chords         Tens. Comp.           R - Q         1789 - 131         P - O         1595 - 48           Q - P         1595 - 48         O - N         1790 - 80           Maximum Web Forces Per Ply (lbs)         Webs         Tens. Comp.
Collar-tie braced with o oc. or rigid ceiling.	continuous lateral bracing	at 24"		R - C 112 - 2466 S - H 361 - 2338
member design. End verticals not expo Wind loading based or Additional Notes	MWFRS with additional C sed to wind pressure. h both gable and hip roof his truss excluding overha	types.	No 70773	Q-E 1208 0 I-O 1210 0 F-S 361-2338 K-N 112-2467 G-S 451 -61
		COA#0-2 Florida Ce 09/22	78 Prificate of Product Approval #FL 72023	1999
**IMPORTA russes require extrem Component Safety Info pracing per BCSI. Unle titached rigid ceiling. L liagonal bracing install hown above and on th votes page for addition Apine, a division of ITV russ in conformance w sting this drawing indi	**WARNING** READ. NT** FURNISH THIS D le care in fabricating, han rmation, by TPI and SBC ss noted otherwise, top c ocations shown for perma ed on the CLR per BCSI le Joint Details, unless n rai information. V Building Components C rith ANSI/TPI 1, or for ha cates acceptance of profi	AND FOLLOW ALL NOTES ON THIS RAWING TO ALL CONTRACTORS II dling, shipping, installing and bracing. A) for safety practices prior to perform hord shall have properly attached stru anent lateral restraint of webs shall ha sections B3, B7, or B10, as applicable oted otherwise. Refer to drawings 16 Group Inc. shall not be responsible for andling, shipping, installation and bra essional engineering responsibility sol the Building Designer per ANSUTPI 1	DRAWING! NCLUDING THE INSTALLERS Refer to and follow the latest editior ing these functions. Installers shall p ctural sheathing and bottom chord sh ve continuous lateral restraint (CLR), . Apply plates to each face of truss a 0A-Z for standard plate positions. Ref any deviation from this drawing, any f cing of trusses. A seal on this drawing ley for the desion shown. The suitabil	n of BCSI (Building provide temporary installed with and position as fer to job's General failure to build the ng or cover page ity and use of this



SEQN: 578577 FROM: RFG	Qty: 1	<b>Job Number:</b> 23-0001 Miller <b>Truss Label:</b> K1E			Cust: R 215 JRef: 1XTb2150 DrwNo: 265.23.1547.09153 / FV 09/22/2	3
		<u>איז 12778</u> איז איז 12778 איז פורא ווייק	⊢ <u>222°</u> , 2352 96°8 1372	253* 19*14		
	Ţ	+ 1118-1 1		8 <u>112</u>		
				₩2.44 SC2 ₩ ₩2.545 ₩2.556		
		k	124* = 8X8 = 3X4			
		- + <sup>1'6"8</sup> + <u>6'2"</u> +-	1211" 62" 191" 253"			
		(NNL)  +3'6'8+	+	(NNL) — 36*8 ——↓		
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)			eactions (lbs), or *=PLF	
TCLL: 20.00 TCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	A PP Deflection in loc L/defl L/# VERT(LL): 0.084 G 999 360	Gravity Loc R+ / R-		avity / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.165 G 892 240	AN 1197 /-	/- /530 /114	/374
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.066 G	AX*234 /- AF /-65	/- /79 /24	/-
Des Ld: 40.00 NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	— HORZ(TL): 0.129 G Creep Factor: 2.0		based on MWFRS	
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.278		3.5 Min Req = 1.5 (Trus	ss)
Load Duration: 1.25	MWFRS Parallel Dist: 0 to	b h/2 TPI Std: 2014	Max BC CSI: 0.228		155 Min Req = - AG are a rigid surface.	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.189	Members not li	isted have forces less than	
	Loc. from endwall: Any GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):			Chord Forces Per Ply (II	
	Wind Duration: 1.60	WAVE	VIEW Ver: 22.02.00.0914.12	Chords Tens.	· · ·	. Comp.
Lumber	•	Additional Notes	·		′-794 M-Q 221 ⊱770 Q-T 138	
Top chord: 2x4 SP #2; Bot abord: 2x40 SP 24	; l00f-2.0E; B2 2x4 SP #2;	See DWGS A14015EN0 gable wind bracing and	C160118 & GBLLETIN0118 for			
Webs: 2x4 SP #3; W1	,W8 2x6 SP 2400f-2.0E;	0 0	NOT be notched or cut in		Chord Forces Per Ply (Ib	
Stack Chord: SC1 2x4 Stack Chord: SC2 2x4		area (NNL). Dropped top	o chord braced at 24" oc	Chords Tens.	•	. Comp.
	or <i>"</i> 2,		I top chord (SC) to dropped rea using 3x4 tie-plates 24"	-	7 - 274 AE-AB 579 7 - 282 AB- X 449	
Plating Notes		oc. Center plate on stack	ked/dropped chord interface,		-202 AB-X +R	- 100
All plates are 2X4 exce	ept as noted. special positioning. Refer to	chard in natchable area	ar to chord length. Splice top using 3x6.			
	ls for special positioning	0	truss excluding overhang is		b Forces Per Ply (lbs) Comp. Webs Tens.	. Comp.
Loading		+ Member to be laterally	braced for out of		-1051 K-M 215 -483 T-X 129	
Truss designed to sup	port 1-0-0 top chord outloc to exceed 7.00 PSF one fa					9 - 552
	ite face. Top chord must no			Gables Tens.	ble Forces Per Ply (lbs) Comp.	
	n 6-5-8 to 18-9-8: Live Loa PSF Ceiling: 10 PSF, Knee		NININIANDO VIA	D -AL 502	- 128	
10 PSF	e. eeg. ee. e. ,ee					
Purlins			CENSE TO			
	continuous lateral bracing	at 24"	三 No 70773 ; * 三			
oc. or rigid ceiling.			* *			
Wind			STATE OF			
Wind loads based on I member design.	MWFRS with additional C8	\$C	I ALODIDA IN			
End verticals not expo	sed to wind pressure.		No 70773			
Wind loading based or	n both gable and hip roof ty	ypes. COA#0-2 Florida Co	78 ertificate of Product Approval #FL /2023	1999		
**IMDODTA	**WARNING** READ A	ND FOLLOW ALL NOTES ON THIS RAWING TO ALL CONTRACTORS II	DRAWING! NCLUDING THE INSTALLERS Refer to and follow the latest edition ing these functions. Installers shall p ctural sheathing and bottom chord shu ve continuous lateral restraint (CLR), 0.4-Z for standard plate positions. Ref any deviation from this drawing, any f cing of trusses. A seal on this drawing lev for the design shown. The suitabili			
Trusses require extrem	ie care in fabricating, hand	ling, shipping, installing and bracing.	Refer to and follow the latest edition	of BCSI (Buildin	ng V	
bracing per BCSI. Unle	ess noted otherwise, top ch	ford shall have properly attached stru nent lateral restraint of webs shall have	ctural sheathing and bottom chord sha ve continuous lateral restraint (CLR)	all have a proper	íly	
diagonal bracing install	ed on the CLR per BCSI s	ections B3, B7, or B10, as applicable ted otherwise. Refer to drawings 16	Apply plates to each face of truss a 0A-Z for standard plate positions. Ref	nd position as er to job's Gener		
Notes page for addition	nal information. W Building Components G	roup Inc. shall not be responsible for	any deviation from this drawing any f	ailure to build the		
truss in conformance w	ith ANSI/TPI 1, or for har	dling, shipping, installation and bra	cing of trusses. A seal on this drawin	g or cover page	155 Harlem Ave	AN ITW COMP

Itruss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



Cust: R 215 JRef:1XTb2150002 T11 DrwNo: 265.23.1547.12153 / FV 09/22/2023		mber: 23-0001 abel: K2	Qty: 5 Miller	SEQN: 578570 A FROM: RFG
		127*8 9'6*8	- <u>3'1"</u> -∳-	
	а	12 12 12 12 12 12 12 12 12 12		
	- 2'11"		- <u>6'2*</u> 6'2*	
954         /-         /624         /158         /315           1069         /-         /720         /183         /-           1 reactions based on MWFRS         Brg Wid = 3.5         Min Req = 1.6 (Truss)         Brg Wid = 3.5         Min Req = 1.7 (Truss)           3rg Wid = 3.5         Min Req = 1.7 (Truss)         ings Q & M are a rigid surface.         bers not listed have forces less than 375#           mum Top Chord Forces Per Ply (Ibs)         ds Tens.Comp.         Chords Tens. Comp.         192 - 2444         F - G         485 - 27           192 - 2444         F - G         485 - 27         209 - 2409         G - H         259 - 1631           259 - 1631         H - I         209 - 2406         Comp - 2406         Comp - 2406         1631	PP Deflection in loc L/defl L/# VERT(LL):         Gra           VERT(LL):         0.250 P         999         360           VERT(CL):         0.504 P         601         240           HORZ(LL):         0.206 D         -         -           HORZ(TL):         0.420 D         -         -           Creep Factor:         2.0         Q         Brg Wie           Max TC CSI:         0.730         Bearings Q           Max Web CSI:         0.842         Members no           VIEW Ver:         22.02.00.0914.12         B - C           VIEW Ver:         22.02.00.0914.12         D - E	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE, 18SS		CLL: 20.00 CDL: 10.00 CDL: 0.00 CDL: 10.00 CDL: 10.00 CDL: 10.00 CBCLL: 10.00 C
mum Bot Chord Forces Per Ply (Ibs)	Maximum E		400f-2.0E; B2 2x4 SP #2; ,W9 2x6 SP 2400f-2.0E;	Vebs: 2x4 SP #3; W1,\
	Q-P 18		n 6-5-8 to 18-9-8: Live Load: 40 PSF Ceiling: 10 PSF, Kneewalls:	
151 - 2484 R - G 361 - 2346 1213 0 H - N 1214 0 361 - 2346 J - M 112 - 2474	Webs Ter Q - B 1 P - D 12 E - R 3 F - R 4		continuous lateral bracing at 24" MWFRS with additional C&C used to wind pressure.	oc. or rigid ceiling. <b>Wind</b>
	No 70773 STATE OF CENSE STATE OF CORIDA SONAL Ficate of Product Approval #FL1999	COA#0-278 Florida Certi 09/22/20	n both gable and hip roof types. his truss excluding overhang is	Additional Notes The overall height of thi 11-1-2.
SI (Building temporary a a properly d with titon as b's General o build the	No 70773 STATE OF STATE OF STATE OF SONAL Ficate of Product Approval #FL1999 CONTROL STATE STATE OF SONAL Ficate of Product Approval #FL1999 CONTROL STATE STATE OF SONAL Ficate of Product Approval #FL1999 CONTROL STATE STATE OF SONAL	COA#0-278 Florida Certi 09/22/20		11-1-2.

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FROM: RFG	Qty: 1	Miller Truss Lab	el: K2G			DrwNo: 20	65.23.1547.139 V 09/22	50 2/2023
		Complete 1	Trusses Required			1		
		<del>- 3'1"  −</del> 3'1" + -	127'8 - 96'8 =53	<mark>⊦ 222* ⊦</mark> 96°8 <b>∗∣</b> . X6	25'3* 3'1*			
						t 1258 t t t t t t t t t t t t t t t t t t t		
		- <u>6'2'</u> 6'2'		12'11" 62" 19'1" 25'3"	- -+- <sup>1'6"8</sup> -			
Loading Criteria (psf)           TCLL:         20.00           TCLL:         10.00           GCLL:         0.00           GCLL:         0.00           GCLL:         0.00           GCLL:         0.00           SCBL:         10.00           Oes Ld:         40.00           NCBCLL:         0.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASCE 7-1 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: C&C Dist a: 3.00 ft Loc. from endwall: not GCpi: 0.18	6 F F L S S B F 0 to h/2 T R in 9.00 ft F	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Snow Duration: NA Building Code: BBC 7th Ed. 2020 Res. PI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	Defi/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.159 N         999         360           VERT(CL):         0.313 N         967         240           HORZ(LL):         0.125 D         -         -           HORZ(LL):         0.245 D         -         -           Creep Factor:         2.0         Max TC CSI:         0.480           Max BC CSI:         0.333         Max Web CSI:         0.568	Q 2591 /- M 2744 /- Wind reaction Q Brg Wid M Brg Wid Bearings Q & Members not Maximum To Chords Tens	ity -/- -/-       	Non-G / Rw / U /- /36 /- /41 MWFRS Req = 1.5 (Tr Req = 1.5 (Tr d surface. forces less that prces Per Ply Chords Ter	<u>7 RL</u> 34 /- 14 /- 1uss) an 375# ( <b>Ibs)</b> ns. Comp
Lumber	Wind Duration: 1.60	v	VAVE	VIEW Ver: 22.02.00.0914.12	<sup>I</sup> C-D 22	15 - 1714 19 - 1697	H-I 2	200 - 1209 230 - 170°
	00f-2.0E; 400f-2.0E; B3 2x4 SP # ,W5,W9 2x6 SP 2400f					ot Chord Fo	rces Per Ply	:37 - 1718 ( <b>Ibs)</b> 1s. Comp
Nailnote Nail Schedule:0.128"x Top Chord: 1 Row @ Bot Chord: 1 Row @1 Webs : 1 Row @ bat Use equal spacing bat	12.00" o.c. 12.00" o.c.	r nails			P-O 116 Maximum W		N - M 12 Per Ply (lbs)	60 - 166 246 - 174 ns. Comp
in each row to avoid s						0 - 1717		41 - 1412
	n 6-5-8 to 18-9-8: Live PSF Ceiling: 10 PSF, K				P-D 73 E-R 14	9 - 14 1 - 1412		249 - 22 241 - 1718
Purlins Collar-tie braced with oc. or rigid ceiling.	continuous lateral braci	ng at 24"						
End verticals not expo	ons based on MWFRS sed to wind pressure. n both gable and hip ro			No 70773				
11-1-2.	his truss excluding over	-	COA#0-278 Florida Certifu P0/22/202	STATE OF	99			
**IMPORTA inusses require extrem component Safety Info racing per BCSI. Unle trached rigid ceiling. L iagonal bracing install hown above and on th otes page for addition	**WARNING** REA NT** FURNISH THIS he care in fabricating, h mration, by TPI and Si ss noted otherwise, to ocations shown for pel led on the CLR per BC: by Joint Details, unless ta nityrmation.	D AND FOLL DRAWING andling, shipp 3CA) for safe o chord shall manent later SI sections B i noted other	OW ALL NOTES ON THIS D TO ALL CONTRACTORS INC ping, installing and bracing. F ty practices prior to performing have properly attached structu al restraint of webs shall have 3, B7, or B10, as applicable. / wise. Refer to drawings 160A	AWING! RAWING! LUDING THE INSTALLERS Refer to and follow the latest editior in these functions. Installers shall p ral sheathing and bottom chord sh continuous lateral restraint (CLR), Apply plates to each face of truss a -Z for standard plate positions. Ref y deviation from this drawing, any 'I g of trusses. A seal on this drawing	of BCSI (Build provide tempora all have a prop- installed with nd position as ier to job's Gene	ing Iry Priy Pral	ALF	

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578506 FROM: RFG	COMN	Ply: Qty	: 1 /: 5		Mill	er	nber: 23- abel: K3	0001										DrwNo:		.1547.	o215000: 15550 0/22/202	
			┝		6'4" 6'4"				2'7"8 '3"8			18'11" 6'3"8			3"8 !"8	+						
	Н — 10112 — Н Нан	₩2.	A SX6(B	2)	9 [	12	W 2X4 B			=4x4 C		=334	*5X5 D		33	ш. Х5(В2)	L/	H3H	-⊕ <sup>9</sup> '			
			-			8'5"3					1			8'5"11		-1						
			┝			8'5"3 8'5"3		-+-		84"1 16'9"				25'3"8		<b></b> - 1'	6" <del>- </del>					
Loading Criteria (psf)           FCLL:         20.00           FCDL:         10.00           3CLL:         0.00           3CDL:         10.00           3CDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind C Wind S Speed: Enclos Risk Ca EXP: C Mean H TCDL: BCDL: BCDL: MWFR C&C D Loc. fro	Std: ure: ateg leig 5.0 5.0 S Pa ist a om e	AS 0 m Clos ory: (zt: N ht: 1 psf psf aralle : 3.0	ph sed II VA 5.00 ft el Dist: 00 ft vall: not	h/2 to		Snow C Pg: NA Pf: NA Lu: NA Snow Du Building FBC 7th TPI Std: Rep Fac FT/RT:2 Plate Ty	Ct: N/ Cs: N uration: I Code: Ed. 202 2014 :: No 0(0)/10(0	IA NA NA 20 Re	CAT: NA Ce: NA	PI VI HI C M	efI/CSI Crite P Deflection i ERT(LL): 0. ERT(CL): 0. ORZ(LL): 0. ORZ(TL): 0. ORZ(TL): 0. reep Factor: ax TC CSI: ax BC CSI: ax Web CSI:	n loc L/ 067 G 123 G 035 E 064 E 2.0 0.547 0.769	999 360	A 129 E 130 Wind re A Brg	Gra 50 / 63 / eaction g Wio g Wio	$\frac{1}{2}$ $\frac{1}{2}$	/ Rł /- /- based c 8.5 M I.0 M are a ri ted hav <b>Chord</b>	on MW in Req in Req gid sur re force	7 Rw 634 730 FRS = 1.5 = 1.6 face. s less <b>s Per f</b>	/159 /186 (Truss) (Truss) than 37	<u>/ RL</u> /316 /- 75# <b>)</b>
Lumber	Wind D						WAVE				V	IEW Ver: 22.	02.00.09	14.12	A-B B-C			- 1695 - 1528	C - I D - I			- 1520 - 1690
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2															Maxim	um E	Bot (	Chord	Forces	Per F	Ply (lbs)	)
Bot chord: 2x4 SP #2 Webs: 2x4 SP #3; Lt Wedge: 2x4 SP #3	,														Chords				Cho		Tens. (	
Loading	,														A - I I - H		257 350	- 141 - 40	H - 0 G -		850 1248	- 40 - 73
Fruss passed check f chord live load in area															Maxim					•••		_
clearance.			-												Webs I - C			omp. - 143	Wel C-0		Tens. ( 680	- 137
Wind Wind loads based on member design. Wind loading based o						e													-	-		
Additional Notes	, bourg	abic		111010	or type																	
The overall height of 1 10-1-2.	this truss	s exc	ludir	ng ovei	rhang i	s							11177									
												No 701	VINA									
											RO	STATE	IDA ENC									
					<b>D</b> ••••=			I	Flor	ida Certif 09/22/20	ica 23	te of Produc	tAppro	val #FL1	999							
**IMPORT/ Trusses require extrep component Safety Inf pracing per BCSI. Uni titached rigid ceiling. Titached rigid ceiling. Tagonal bracing insta hown above and on t Notes page for additio	ANT** F ne care i ormation ess note Location	UR in fal , by d oth s sho	NISI brica TPI nerw own LR r	H THIS ating, h and SE ise, top for per ber BC	D ANL DRAV andling BCA) fit chore maner SI sect	y FOI VINC J, shi Dr sai I sha t late ions	TO ALL pping, instead fety pract ll have pr eral restra B3, B7, c	CONTR stalling a ices pric operly a aint of w or B10. a	RAC and I or to attack ebs as ar	TORS IN TORS IN bracing. performin hed struct shall have oplicable.	CLU Refe g th ural col Apr	DING THE II er to and follo ese functions sheathing ar ntinuous late	NSTALLE w the lat in Install d botton al restra ach face	ERS est edition lers shall n chord sh int (CLR), e of truss a	n of BCSI provide te all have a installed and positio	(Buil empor a proj with on as	lding rary perly	/				

Shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information. 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 drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



Seqn: 578612 FROM: RFG	COMN	Ply: Qty:		Miller	mber: 23-0001 abel: K3G			DrwNo:	15 JRef:1X 265.23.1547 FV (		
			ŀ	6'4" 6'4"		18'11" 255 6'3"8 • + 6'4'					
	₩ 10112	113X(	A 21 6(B2)	9 72		€ 5,55 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E E III III4X5(B2)	ا ا الجام محالية المحالية ا			
		4	<b>F</b>	8'5"3 8'5"3	4'2"5 + = 4'2"5 127"8	4'2"5 8'5"11 16'9'13 25'3"8	<b>```</b> 	ł			
oading Criteria (psf)           CLL:         20.00           CDL:         10.00           CLL:         0.00           CDL:         10.00           es Ld:         40.00           CBCLL:         10.00           offit:         2.00           oad Duration:         1.25           pacing:         24.0 "	Speed: Enclose Risk Ca EXP: C Mean H TCDL: BCDL: MWFR C&C D	td: 130 ure: C tego 5.0 p 5.0 p 5.0 p S Pai ist a: om en	ASCE 7-16 ) mph Closed ry: II t: NA t: 15.00 ft sf rallel Dist: ( 3.00 ft ndwall: not i	) to h/2	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.079 G         999 360           VERT(CL):         0.147 G         999 240           HORZ(LL):         0.043 E         -           HORZ(TL):         0.079 E         -           Creep Factor:         2.0         Max TC CSI:         0.697           Max BC CSI:         0.871         Max Web CSI:         0.213	E 1601 /- Wind reactions A Brg Wid =	y - / Rł /- s based c : 3.5 M : 4.0 M E are a ri isted hav o Chord	No /- /- on MWFRS in Req = 1.5 in Req = 1.5 gid surface. e forces less Forces Per	/216 /- /252 /- 3 (Truss) 9 (Truss) s than 375	<u>RL</u> - 5#
	Wind D		pi: 0.18 on: 1.60		WAVE	VIEW Ver: 22.02.00.0914.12		) - 2047 - 1879	C - D D - E	278 - 338 -	
PLB: From 40 plf a	RtWed =1.25/  at 0.0 at 0.0 at 25.2 at 4.7	Plate 00 to 00 to 29 to 71 to	Dur.Fac.=1 65 plf at 20 plf at 5 plf at 40 plf at	26.79 25.29 26.79 6.72			J-I 1184 I-H 1184 Maximum We	Comp. - 237 - 182 - 182 <b>b Force</b> : Comp.	Chords H - G G - E	Tens. Co 1184 1528	- 182 - 233
PLB: From 40 plf a PLB: From 40 plf a TC: 487 lb Conc. Lo Loading	at 18.5	53 to	40 plf at 40 plf at				5-0 30	, -20	0-0	040	- 1
Truss passed check fo chord live load in area clearance. <b>Wind</b> Wind loads and reacti Wind loading based o	s with 42	2"-hig ed on	gh x 24"-wic n MWFRS.	le		No 70773					
Additional Notes The overall height of t 10-1-2.					COA#0-278 Florida Certifi 09/22/202	No 70773 STATE OF CLORIDA CONAL SONAL	999				
**IMPORT/ russes require extren component Safety Infe racing per BCSI. Unle ttached rigid ceiling. I	**WAF NT** F De care i prmation ess note ocation	URN URN n fab by T d othe	G** READ IISH THIS I ricating, ha PI and SB erwise, top wn for pern	AND FO DRAWINO ndling, sh CA) for sa chord sha nanent lat	LLOW ALL NOTES ON THIS D G TO ALL CONTRACTORS INC lipping, installing and bracing. R fety practices prior to performing all have property attached structu eral restraint of webs shall have	RAWING LUDING THE INSTALLERS lefer to and follow the latest edition these functions. Installers shall p ral sheathing and bottom chord sh continuous fateral restraint (CLR), upply plates to each face of truss a 2 for standard plate positions. Ref y deviation from this drawing, any 1 g of trusses. A seal on this drawing tor the design e bown Theo difficil	of BCSI (Buildir provide temporar all have a prope installed with	ng y fly			

Truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing any lattice to build the listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578600 FROM: RFG Page 1 of 2	MONO	Ply: 1 Qty: 1	Miller	mber: 23-0001 abel: L1			Cust: R 215 JRef:1XTb2150002 T62 DrwNo: 265.23.1547.37200 / FV 09/22/2023
				⊨ 3'1' 6'5'8 ⊨ 3'1' + 6'5'8 + 3'1' 34'8	11'6'8 51'		
						52	
				- 6'5'8 + 6'5'8 +	5'1" 11'8 11'6'8		
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         5.00           Des Ld:         35.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.00           Spacing:         24.0 "	Wind Speed Enclos Risk C EXP: C Mean I TCDL: BCDL: MWFR C&C D	Criteria Std: ASCE 7-1 : 130 mph ure: Closed ategory: II C Kzt: NA Height: 15.00 ft 3.0 psf 3.0 psf S Parallel Dist: vist a: 3.00 ft om endwall: not GCpi: 0.18	0 to h/2	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.140 C         989         480           VERT(CL):         0.238 C         583         360           HORZ(LL):         0.125 C         -         -           HORZ(TL):         0.211 C         -         -           Creep Factor:         2.0         Max TC CSI:         0.299           Max BC CSI:         0.387         Max Web CSI:         0.110	Gravit Loc R+ / R G 607 /- E 695 /- D 237 /- Wind reaction: G Brg Wid = E Brg Wid = B Brg Wid = Bearing G is a	- /Rh /Rw /U /RL /0 /232 /182 /328 /- /239 /280 /- /- /166 /148 /- s based on MWFRS s 3.5 Min Req = - s 1.5 Min Req = -
Lumber	Wind [	Duration: 1.60		WAVE	VIEW Ver: 22.02.00.0914.12	]	
Top chord: 2x6 SP 24 Bot chord: 2x10 SP 24 Webs: 2x4 SP #3; W1 Special Loads (Lumber Dur.Fac. TC: From 65 plf a BC: From 10 plf a BC: Tom 10 plf a BC: 103 lb Conc. Lo Wind Wind loads based on I member design. Left end vertical not ex Wind loading based on Midditional Notes	00f-2.0 2x6 SF =1.00 / at 0. at 0. at 6. pad at 6 pad at 6 mWFRS	È; 24400f-2.0E; Plate Dur.Fac.= 00 to 65 plf 00 to 10 plf 46 to 110 plf 3.46 S with additiona to wind pressur jable and hip ro	at 12.50 at 6.46 at 11.54 I C&C e. of types.				
The overall height of the 11-0-0.		Ū	rhang is		INANDO VIN		
WIND LOAD CASE M				COA#0-278 Florida Certific (99/22/2021	No 70773 STATE OF	99	
** <b>IMPORTA</b> russes require extrem	**WAI	RNING** REA FURNISH THIS in fabricating, h by TPI and Si	D AND FO DRAWING andling, sh 3CA) for sa	LLOW ALL NOTES ON THIS D 3 TO ALL CONTRACTORS INC ipping, installing and bracing. F fety practices prior to performing	RAWING! LUDING THE INSTALLERS Refer to and follow the latest edition these functions. Installers shall p	of BCSI (Buildin	ng V
racing per BCSI. Unle racing per BCSI. Unle trached rigid ceiling. L Jiagonal bracing install shown above and on the Notes page for addition	ess note ocation led on the Joint nal infor	d otherwise, to s shown for per he CLR per BC Details, unless mation.	chord sha manent lat SI sections noted othe	Il have properly attached structu eral restraint of webs shall have B3, B7, or B10, as applicable. / erwise. Refer to drawings 160A	RAWING! LUDING THE INSTALLERS Refer to and follow the latest edition j these functions. Installers shall p iral sheathing and bottom chord sh continuous lateral restraint (CLR), i Apply plates to each face of truss a -Z for standard plate positions. Ref y deviation from this drawing, any fr g of trusses. A seal on this drawin Tor the design shown. The suitabili c.2.	all have a proper installed with nd position as er to job's Gene	
Ipine, a division of IT uss in conformance w sting this drawing, ind	V Build ith ANS	ing Component SI/TPI 1, or for cceptance of p	s Group Ind handling, rofessional	c. shall not be responsible for an shipping, installation and bracin engineering responsibility solely inclusion and share a NSUTPLE and the second secon	y deviation from this drawing, any fa g of trusses. A seal on this drawin for the design shown. The suitabili	ailure to build th g or cover page ty and use of thi	e ANTW COM S 155 Harlem Ave North Building, 4th Floor



SEQN: 578600 MONO	Ply: 1	Job Number: 23-0001	Cuet: P ?	15 IRof-4	XTb2150002	Teo
FROM: RFG	Qty: 1	Job Number: 23-0001 Miller		15 JRef: 1 265.23.154		162
Page 2 of 2	Gaty. 1	Truss Label: L1		FV	09/22/2023	
Hangers / Ties						
Simpson Construction Hardw the most current information p Strong-Tie. Please refer to the Strong-Tie catalog for addition	provided by Simps e most recent Sim nal information	on pson				
Recommended hanger conne manufacturer tested capacitie Conditions may exist that requisit than indicated. Refer to manu additional information.	s and calculations uire different conn	ections				
Hanger specified assumes co chord is located a minimum o the supporting chord from any unless unsupported chord end coverage.	f five times the de unsupported end	oth of				
Bearing at location x=11'3"8 support conditions: 11'3"8 Bearing E (11'3"8, 8') HUS2: Supporting Member: (2)2x8 (14) 0.148"x3" nails into su member,	6 3 SP 2400f-2.0E upporting	e following				
(4) 0.148"x3" nails into sur member.	oported					
		LINING VIN				
		No 70773				
		Florida Certificate of Product Approval #FL1999 09/22/2023				
**WAI **IMPORTANT** [russes require extreme care Component Safety Informatior pracing per BCSI. Unless note stratched rigid ceiling. Location jiagonal bracing installed on t	RNING** READ FURNISH THIS L in fabricating, har by TPI and SBC d otherwise, top of s shown for perm he CLR per BCSI	AND FOLLOW ALL NOTES ON THIS DRAWING! RAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS dling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Buildin A) for safety practices prior to performing these functions. Installers shall provide temporary hord shall have properly attached structural sheathing and bottom chord shall have a proper anent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as bted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's Gener shoup inc. shall not be responsible for any deviation from this drawing, any failure to build the indling, shipping, installation and bracing of trusses. A seal on this drawing or cover page assional engineering responsibility solely for the design shown. The suitability and use of this he Building Designer per ANSI/TP1 Sec.2.	g ly			
Votes page for additional infor Votes page for additional infor Vipine, a division of ITW Build russ in conformance with ANS isting this drawing, indicates a drawing for any structure is the	Details, unless n mation. ing Components ( SI/TPI 1, or for ha icceptance of protection of the eresponsibility of	Steu outerwise. Refer to grawings 100A-2 for standard plate positions. Refer to job's Gener Broup Inc. shall not be responsible for any deviation from this drawing, any failure to build the indling, shipping, installation and bracing of trusses. A seal on this drawing or cover page essional engineering responsibility solely for the design shown. The suitability and use of this he Building Designer per ANSI/TPI 1 Sec.2.	31 } }		lem Ave uilding, 4th Fl	JE v compa loor





SEQN: 578598 FROM: RFG	MONO	Ply: 1 Qty: 2	Miller	mber: 23-0001 .abel: L3		Cust: R 215 JRef: 1XTb2150002 T38 DrwNo: 265.23.1547.43263 / FV 09/22/2023
				<u>- 31°</u> - - 65°8 31°-}-34°8	-+	
			Ţ	Bra		
			11'	9 12 #8X8		
			+ + * *			$\Phi_{s}$
				<b>k</b> −− 10'1'8 −− <b>k</b> −− 16'8 − <del>4</del> − 65'8 65'8	- <mark>↓ 38*</mark> -↓ 101*8 -↓ 24*8	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind S Speed Enclos Risk C EXP: C Mean I TCDL: BCDL: BCDL: MWFR C&C D Loc. fro	Criteria Std: ASCE 7-16 : 130 mph ure: Closed ategory: II C Kzt: NA Height: 15.00 ft 5.0 psf 5.0 psf S Parallel Dist: h bist a: 3.00 ft om endwall: not in GCpi: 0.18 Ouration: 1.60		Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.042 D         999         360           VERT(CL):         0.076 D         999         240           HORZ(LL):         0.037 D         -         -           HORZ(TL):         0.067 D         -         -           Creep Factor:         2.0         Max TC CSI:         0.094           Max BC CSI:         0.112           Max Web CSI:         0.145	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 553 /- /- /317 /- /262 G 716 /- /- /508 /188 /- Wind reactions based on MWFRS I Brg Wid = 3.5 Min Req = 1.5 (Truss) G Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings I & G are a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. E - G 149 - 392
Lumber Top chord: 2x6 SP 24 Bot chord: 2x10 SP 24 Webs: 2x4 SP #3; Bracing (a) Continuous lateral	100f-2.0	É;	on			
member. Loading Truss passed check fo chord live load in area clearance.	or 20 ps	f additional botton	n			
Wind Wind loads based on member design. End verticals not expo Wind loading based o	sed to v	wind pressure.				
Additional Notes The overall height of the 11-0-0.		-		COA#0-278 Florida Certific 09/22/2023	No 70773 STATE OF	99
**IMPORTA Trusses require extrent Component Safety Info bracing per BCSI. Unle attached rigid ceiling. I diagonal bracing instal shown above and on th Notes page for addition Alpine, a division of ITN	**WAF NT** I be care ormation ss note ocation led on the Joint nal infor W Build	RNING** READ FURNISH THIS D in fabricating, han by TPI and SBC d otherwise, top c s shown for perm he CLR per BCSI Details, unless n mation.	AND FO RAWING dling, sh A) for sa shord sha anent lat sections oted oth Group Ind	LLOW ALL NOTES ON THIS DI G TO ALL CONTRACTORS INC ipping, installing and bracing. R fety practices prior to performing all have properly attached structu ieral restraint of webs shall have i B3, B7, or B10, as applicable. A erwise. Refer to drawings 160A- c, shall not be responsible for any	RAWING! LUDING THE INSTALLERS efer to and follow the latest edition these functions. Installers shall pi ral sheathing and bottom chord sha continuous lateral restraint (CLR), i vpply plates to each face of truss ar 2 for standard plate positions. Refer y deviation from this drawing, any fa g of trusses. A seal on this drawin for the design shown. The suitabilit :2.2.	of BCSI (Building rovide temporary all have a property nstalled with ad position as er to job's General ailure to build the



SEQN: 578481 I FROM: RFG	MONO	Ply: 1 Qty: 7	Miller	nber: 23-0001 abel: M1		Cust: R 215         JRef: 1XTb2150002         T24           DrwNo:         265.23.1548.02220         /           /         FV         09/22/2023
			 6*7 ¥	9 12 B A = 3X4(B2)	■2X4 D D D D D D D D D D D D D	)_ <sup>11'</sup>
				1   1'6"1	'	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind S Speed: Enclos Risk C EXP: C Mean H TCDL: BCDL: BCDL: MWFR C&C D Loc. fro	Criteria Std: ASCE 7-16 : 130 mph ure: Closed ategory: II C Kzt: NA Height: 15.00 ft 5.0 psf 5.0 psf S: Parallel Dist: h/ ist a: 3.00 ft om endwall: not ir GCpi: 0.18	n 9.00 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.002 C Creep Factor: 2.0 Max TC CSI: 0.172 Max BC CSI: 0.027 Max Web CSI: 0.022	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	1	Duration: 1.60		WAVE Wind Wind loads based on MWF member design. Right end vertical not expos	sed to wind pressure.	J
Hangers / Ties Simpson Construction the most current inform Strong-Tie. Please ref Strong-Tie catalog for Recommended hange manufacturer tested ci Conditions may exist t than indicated. Refer t additional information.	nation p er to the additior r conne apacitie hat requ o manu	rovided by Simps most recent Sim hal information. ctions are based s and calculations uire different conn	son ipson on s. iections	Wind loading based on bot	n gable and hip roof types.	
Hanger specified assu chord is located a min the supporting chord fi unless unsupported ch coverage.	mes co imum of om any	f five times the de	epth of d,			
Bearing at location x= support conditions: 9" Bearing D (9", 11') H Supporting Member (14) 0.148"x3" nails member, (4) 0.148"x3" nails member.	US26 : (1)2x6 into su	SP 2400f-2.0E	following		No 70773	
Additional Notes The overall height of th 1-3-7.				COA#0-278 Florida Certi 09/22/20	ficate of Product Approval #FL1	1999
**IMPORTA Trusses require extrem Component Safety Info bracing per BCSI. Unle attached rigid ceiling. L diagonal bracing install shown above and on th Notes page for addition	**WAF NT** F e care in rmation ss note ocation ed on th al infort	RNING** READ FURNISH THIS L in fabricating, har , by TPI and SBC d otherwise, top c s shown for perm he CLR per BCSI Details, unless n mation.	AND FO DRAWING dling, shi chord sha anent late sections oted othe	LLOW ALL NOTES ON THIS DI 5 TO ALL CONTRACTORS INC pping, installing and bracing. R fety practices prior to performing II have properly attached structu prair restraint of webs shall have B3, B7, or B10, as applicable. A envise. Refer to drawings 160A	AWING! LUDING THE INSTALLERS Lefer to and follow the latest edition these functions. Installers shall p ral sheathing and bottom chord sh continuous lateral restraint (CLR), Apply plates to each face of truss a -Z for standard plate positions. Ref y deviation from this drawing, any f o of trusses. A seal on this drawing	of BCSI (Building rovide temporary all have a properly installed with nd position as er to job's General

Alpine, a division of TW 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 oslely 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: 578425 FROM: RFG	MONO	Ply: 1 Qty: 3	Miller	nber: 23-0001 abel: M2			Cust: R 215 JRef: 1XTb2150002 T27 DrwNo: 265.23.1548.13267 / FV 09/22/2023
				9 12 3X4 B B E E III2X4	= 3X4D	0,	
				la— 1′6″8 — <del>⊳la</del> —	10"		
Loading Criteria         (psf)           ICLL:         20.00           ICDL:         10.00           3CLL:         0.00           3CDL:         10.00           3CDL:         10.00           SCEL:         10.00           SCEL:         10.00           Soffit:         2.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind S Speed Enclos Risk C EXP: 0 Mean TCDL: BCDL: MWFF C&C D	Criteria Std: ASCE 7-16 1: 130 mph sure: Closed :ategory: II C Kzt: NA Height: 15.00 ft : 5.0 psf : 5.0 psf CS Parallel Dist: Dist a: 3.00 ft com endwall: not GCpi: 0.18	h/2 to h	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): 0.000 B 999 360           VERT(CL): 0.000 B 999 240           HORZ(LL): -0.001 C -           HORZ(TL): 0.001 C -           Creep Factor: 2.0           Max TC CSI: 0.182           Max BC CSI: 0.032           Max Web CSI: 0.027	Gravit Loc R+ / R E 231 /- D 40 /- Wind reactions E Brg Wid = D Brg Wid = Bearing E is a	- /Rh /Rw /U /RL /- /157 /6 /79 /- /55 /60 /- s based on MWFRS 3.5 Min Req = 1.5 (Truss) - Min Req = -
Lumber Fop chord: 2x4 SP #2 Bot chord: 2x4 SP #2 Webs: 2x4 SP #3;	2;	Duration: 1.60		WAVE Wind Wind loads based on MWF member design.			
Hangers / Ties Simpson Construction the most current inforn Strong-Tie. Please rei Strong-Tie catalog for Recommended hange manufacturer tested c Conditions may exist than indicated. Refer additional information Hanger specified assi chord is located a mir the supporting chord t unless unsupported c coverage.	mation p fer to the r addition er conne capacitie that requ to manu to manu n. umes co nimum o from any	provided by Simp e most recent Si nal information. actions are based so and calculation uire different con ifacturer publicat ponnection to supp of five times the co y unsupported er	oson mpson d on ns. inections ion for porting lepth of nd,	End verticals not exposed t Wind loading based on bot			
Bearing at location x= support conditions: 1" Bearing D (1'7", 10') Supporting Membe (4) 0.148"x3" nails member, (2) 0.148"x3" nails member. Additional Notes	7" LUS24 er: (1)2x4 into sup	4 SP #2 oporting	ne following		No 70773		
The overall height of t 2-9-8.		-	c .		cate of Product Approval #FL19		
**IMPORT russes require extrem component Safety Infor racing per BCSI. Uni- ttached rigid ceiling. I lagonal bracing insta- hown above and on t otes nave for additio	**WAI ANT** ormatior ess note Location lled on ti the Joint mal infor	RNING** REAL FURNISH THIS in fabricating, ha n, by TPI and SB ad otherwise, top as shown for peri he CLR per BCS Details, unless mation	D AND FOI DRAWING andling, shi CA) for sat chord sha manent late SI sections noted othe	LLOW ALL NOTES ON THIS D 5 TO ALL CONTRACTORS INC pping, installing, and bracing. R fety practices prior to performing II have properly attached structu eral restraint of webs shall have B3, B7, or B10, as applicable. A envise. Refer to drawings 160A	RAWING! LUDING THE INSTALLERS Lefer to and follow the latest edition these functions. Installers shall p continuous lateral restraint (CLR), Apply plates to each face of truss a -Z for standard plate positions. Ref w deviation from this drawing any f	of BCSI (Buildir rovide temporar all have a prope installed with nd position as er to job's Gene	

Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org





See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements. Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 2-3-8



\*\*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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the LIR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. Refer to job's General Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1. or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineity com. TPI: toinst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org

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



SEQN: 578492 FROM: RFG	COMN	Ply: 1 Qty: 1	Miller	nber: 23-0001 abel: P2			Cust: R 215 JRe DrwNo: 265.23. / FV	of:1XTb2150002 T 1552.47737 09/22/2023
			H	$\begin{vmatrix} 2'10"10 \\ 2'1"14 \end{vmatrix} = \begin{vmatrix} 3'11"2 \\ 3''12 \end{vmatrix}$				
		다. 1911	-84	8 12 8 B A B B B B B B B B B B B B B B B B B B		28:1*10		
			-	8"12 5'4"4 8"12 8"12 1'0"9 3'11"2 1 - 1'0"9 3'11"2 - 1'0"9 3'11"2 - 1'0"9 - 1'0"9 - 1'0"9 - 1'1"9 - 1'1"14 - 1'1"9 - 1'1"14 - 1'1"9 - 1'1"14 - 1'1"9 - 1'1"14 - 1'1"9 - 1'1"10 - 1'1" - 1'	<u>8"12</u> <u>8"12</u> <u>8"12</u> <u>69"12</u>			
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind S Speed: Enclos Risk C EXP: C Mean H TCDL: BCDL: MWFR C&C D	Criteria Std: ASCE 7-16 : 130 mph ure: Closed ategory: II > Kzt: NA Height: 15.70 ft 5.0 psf 5.0 psf S.Parallel Dist: h tist a: 3.00 ft om endwall: not in GCpi: 0.18		Snow Criteria (Pg,Pf in PSF)         Pg: NA       Ct: NA         Pf: NA       Ce: NA         Lu: NA       Cs: NA         Snow Duration: NA         Building Code:         FBC 7th Ed. 2020 Res.         TPI Std:       2014         Rep Fac: Yes         FT/RT:20(0)/10(0)         Plate Type(s):	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): 0.000 E 999 360           VERT(CL): 0.000 E 999 240           HORZ(LL): 0.000 E           HORZ(LL): 0.000 E           Creep Factor: 2.0           Max TC CSI: 0.044           Max BC CSI: 0.022           Max Web CSI: 0.013	Gravit Loc R+ / R A 0 /0 B* 81 /- F 0 /0 Wind reaction. A Brg Wid = B Brg Wid = B Brg Wid = Bearings A, B.	- / Rh / /- /5 /- /6 s based on MWF = 5.9 Min Req = = 64.3 Min Req =	Non-Gravity           Rw         / U         / RL           36         /31         /51           30         /9         /-           7         /2         /-           7RS         =         1.5 (Truss)           =         -         1.5 (Truss)           urface.         -         -
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	;	Duration: 1.60		WAVE	VIEW Ver: 22.02.00.0914.12			
Plating Notes All plates are 2X4(A1) Wind loads based on member design. Wind loading based o Additional Notes Refer to DWG PB160 The overall height of th 1-11-5.	MWFRS n both g 160118	S with additional C able and hip roof for piggyback det	types. ails.					
				COA#0-278 Florida Certific (9/22/2002	No 70773 STATE OF	99		
**IMPORTA Trusses require extrem Component Safety Info pracing per BCSI. Unle diagonal bracing instal shown above and on th Notes page for addition Alpine, a division of IT russ in conformance v listing this drawing, ind drawing for any structure	**WAF NT** I he care is prmation ess note ocation he Joint hal inform W Buildi vith ANS icates a icates the	RNING** READ FURNISH THIS D in fabricating, han h, by TPI and SBC d otherwise, top c s shown for perms the CLR per BCSI Details, unless n mation. ng Components ( SI/TPI 1, or for ha cceptance of profo a pesonosibility of	AND FOL RAWING dling, ship A) for saf hord shal anent late sections l oted othe Group Inc andling, s essional c be Building	LOW ALL NOTES ON THIS DI TO ALL CONTRACTORS INC pping, installing and bracing. R ety practices prior to performing rai restraint of webs shall have B3, B7, or B10, as applicable. A rwise. Refer to drawings 160A . shall not be responsible for any shipping, installation and bracin engineering responsibility solely on Designer per ANSUTTE! 1 Soc	RAWING! LUDING THE INSTALLERS lefer to and follow the latest edition intese functions. Installers shall p iral sheathing and bottom chord sh continuous lateral restraint (CLR), Apply plates to each face of truss a -Z for standard plate positions. Ref y deviation from this drawing, any f g of trusses. A seal on this drawin for the design shown. The suitabili c.2.	of BCSI (Buildi rovide temporar all have a prope installed with nd position as er to job's Gene ailure to build th g or cover page ty and use of the	ng yrry oral e 155 I	Harlem Ave Building, 4th Floor

drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Séc.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org





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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 578518 FROM: RFG	COMN Ply: 1 Qty: 2	Job Number: Miller Truss Label:				DrwNo	R 215 JRef:1X1 p: 265.23.1552 / FV (	
		=4'6* 4'6*		11'10" + 17'9'13 2'11'12 + 5'11''13		4		
	H	3	12 12 12 12 12 13 14 9 12 13 14 12 13 14 12 13 14 12 14 12 14 14 14 14 14 14 14 14 14 14	e e sx8	ng	F =3X4(62)	104.8 -++11'	
		<u>k</u>	— 8'10"4 —	14'9"12	-	<b>k</b>		
		4'6" 4'6"		3'1"8 5'11"13 11'10" 17'9"13	5'10"3 23'8"	<del>-</del> 1'6" - <del>-</del>		
Loading Criteria (psf)           "CLL:         20.00           "CDL:         10.00           3CLL:         0.00           3CDL:         10.00           3CDL:         10.00           SCDL:         10.00           SCEL:         20.00           Obst Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASCE Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.41 TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Di C&C Dist a: 3.00 ft Loc. from endwall: GCpi: 0.18 Wind Duration: 1.60	7-16 Pg: I Pf: N Lu: f Snor ft Build FBC ist: 0 to h/2 TPI Rep Any FT/F Plate	A Ce: NA NA Cs: NA w Duration: NA ding Code: 7th Ed. 2020 Res. Std: 2014 Fac: Yes tT:20(0)/10(0) a Type(s):	Defl/CSI Criteria           PP Deflection in loc L           VERT(LL): 0.012 H           VERT(CL): 0.026 H           HORZ(LL): 0.011 F           HORZ(TL): 0.023 F           Creep Factor: 2.0           Max TC CSI: 0.390           Max BC CSI: 0.318           Max Web CSI: 0.701           VIEW Ver: 22.02.00.09	/defl L/# 999 360 999 240 A 13 J 12 F 70 Wind I A Bi J Bi F Bi Bearin Memb	87 /- /- 265 /- /- 00 /- /- reactions based rg Wid = 3.5	No Rh / Rw /227 /991 /556 d on MWFRS Min Req = 1.5 Min Req = 1.5 Min Req = 1.5 e a rigid surfac ave forces less <b>d Forces Per</b>	/163 /297 /161 /- /129 /- 5 (Truss) 5 (Truss) 5 (Truss) 5 (Truss) 5 e. 5 than 375#
-umber Fon chord: 2x4 SP #2	2; T1 2x8 SP 2400f-2		<u>E</u>		B-C	493 - 305		149 - 69
Bot chord: 2x4 SP #2 Webs: 2x4 SP #3;		,				num Bot Chore s Tens.Comp.		<b>Ply (lbs)</b> Tens. Comp
Bracing					<u>Ciloid</u> I - H	463 - 23		464 -2
a) Continuous lateral nember.	l restraint equally spa	ced on			Maxim	num Web Forc	es Per Ply (lb	
<b>Wind</b> Wind loads based on nember design.	MWFRS with addition	nal C&C			Webs J - K C - K	Tens.Comp. 159 - 996 159 - 997	6 C-I	Tens. Comp 601 - 43 181 - 43
Wind loading based of Additional Notes Shim all supports to s The overall height of t 2-10-9.	solid bearing.							
- 10 0.				IN ANDO VIA	95111			
			COA#0-27	No 70773 * STATE OF * CENS * STATE OF * CORIDA * CORIDA				
**IMPORT	**WARNING** R ANT** FURNISH TH me care in fabricating ormation, by, TPI and	EAD AND FOLLOV IIS DRAWING TO , handling, shipping SBCA) for safety p	Fiorida Ce 09/22/ / ALL NOTES ON THIS ALL CONTRACTORS IN J, installing and bracing. ractices prior to performin	rtificate of Product App 2023 DRAWING! CLUDING THE INSTALL Refer to and follow the la ng these functions. Instal tural sheathing and bottor e continuous lateral restra Apply plates to each fac AZ for standard plate poi ny deviation from this dra ing of trusses. A seal on why for the design shown T	ERS test edition of BCS	I (Building		
acing per BCSI. Unl tached rigid ceiling. agonal bracing insta	ess noted otherwise, Locations shown for illed on the CLR per E	op chord shall hav permanent lateral ro BCSI sections B3, E	e property attached struc straint of webs shall hav 7, or B10, as applicable.	e continuous lateral restra Apply plates to each face	aint (CLR), installed e of truss and positi	a properly   with ion as		

Truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing are page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578488 ( FROM: RFG		Ply: 1 Qty: 1	Job Number: 23-0001 Miller			Cust: R 215 JRef: 1X DrwNo: 265.23.1552	
		aly. I	Truss Label: S2				09/22/2023
			8'10'4	5'10'1 1' 4'2'1 1'	238" 4-9 2337 1575		
				H H H H H H H H H H H H H H H H H H H	=3X4(C5) =2X4(C5)	<b>₽</b> <sup>17</sup>	
		F	46' 42'8 46' 88'8	811'9 511'45 178'1 238'			
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Speed: Enclosu Risk Ca EXP: C Mean H TCDL: 5 BCDL: 5 MWFRS C&C Dis Loc. from	td: ASCE 7-16 130 mph ure: Closed ttegory: II Kzt: NA leight: 15.23 ft 5.0 psf	Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.051 H         999         360           VERT(CL):         0.123 H         999         240           HORZ(LL):         -0.025 H         -         -           HORZ(TL):         0.060 H         -         -           Creep Factor:         2.0         Max TC CSI:         0.375           Max BC CSI:         0.837           VIEW Ver:         22.02.00.0914.12	Gravit Loc R+ / R A 176 /- V 1749 /- N 866 /- Wind reactions A Brg Wid = N Brg Wid = N Brg Wid = Bearings A, V, Members not I	- /Rh /Rw /- /- /- /93 /- /- s based on MWFRS = 3.5 Min Req = 1. = 3.5 Min Req = 1. = 3.5 Min Req = 1. & N are a rigid surfa listed have forces les p Chord Forces Per	/76 /34 /422 /- /359 /- 5 (Truss) 5 (Truss) 5 (Truss) ace. ss than 375# r Ply (lbs)
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 Bracing (a) Continuous lateral member.	; T1 2x8 ; B2 2x6	SP 2400f-2.0E; SP 2400f-2.0E;	gable wind bracing and o Stacked top chord must N area (NNL). Dropped top intervals. Attach stacked t top chord in notchable are oc. Center plate on stacke plate length perpendicular	160118 & GBLLETIN0118 for ther requirements. NOT be notched or cut in chord braced at 24" oc top chord (SC) to dropped ea using 3x4 tie-plates 24" ed/dropped chord interface, r to chord length. Splice top	Chords Tens.	5 - 79 I - J 5 - 67 J - L 5 - 852 L - N 1 - 907 L - N t Chord Forces Per	Tens.         Comp           348         - 90           340         - 87           118         - 41           238         - 53           Ply (lbs)
Plating Notes All plates are 2X4 exce Loading Truss designed to supp			check has been modified Shim all supports to solid The overall beight of this t	onal bottom chord live load	Webs Tens. V - E 142	<b>b Forces Per Ply (II</b> .Comp. Webs 2 - 432 G -AA 7 - 1019 AA-AC	<b>bs)</b> Tens. Comp 1002 - 39 950 - 36
and cladding load not t and 24.0" span opposi cut or notched, unless Wind	te face.	Top chord must r	face			) -967 AC-R	992 - 38
Wind loads and reaction Wind loading based or				No 70773 STATE OF STATE OF STATE OF SONAL	999		

\*\*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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsibile for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578579 FROM: RFG	GABL	Ply: 1 Qty: 1	Job Nun Miller Truss La	nber: 23-0001 nbel: T1			Cust: R 215 JRef: 1XTb215000 DrwNo: 265.23.1552.56797 / FV 09/22/20	
				<u>  1'9*14   5'1*4   6'3</u>	"8], 7'5" <u>12, 10'9"2  , 12'7" ,</u>			
				<sup>-</sup> 1'9"14 <sup></sup> 3'3"6 <sup></sup> 1'2  +-1'4" +-	"4 <sup>T</sup> 1'2"4 <sup>T</sup> 3'3"6 <sup>T</sup> 1'9"14 <sup>T</sup>			
				(TYP)	4X4   <sup>9°12</sup>			
		Ţ		#3X4 G	**************************************			
			- 1718	* 3X4(**) 12 #3X4 9 = #3X4 D SC1 C B SC1 C B C SC1 C SC1 C S	+ 33X4 * 3X4(**) SC2 * 3X4(**) * 5C2 *	2 2 2 2		
				<b></b>	12'7" ————————————————————————————————————			
			<b> </b> +- 1	'6"8 - <del>-   -</del>	127* + 1'6 12'7* - 1'6	"8 <del>-  </del>		
			┝	(NNL) 3'6*8	(NNL) 			
Loading Criteria (psf)           ICLL:         20.00           ICDL:         10.00           3CLL:         0.00           3CDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Loading:         10.20           Soffit:         2.00           Loading:         1.25           Spacing:         24.0 "	Wind S Speed Enclos Risk C EXP: ( Mean TCDL: BCDL: MWFF	Criteria Std: ASCE 7-16 : 130 mph sure: Closed ategory: II C Kzt: NA Height: 15.00 ft 5.0 psf & Parallel Dist: 0 Dist a: 3.00 ft	to h/2	Snow Criteria (Pg,Pf in PSF)         Pg: NA       Ct: NA         Pf: NA       Ce: NA         Lu: NA       Cs: NA         Snow Duration: NA         Building Code:         FBC 7th Ed. 2020 Res.         TPI Std:       2014         Rep Fac: Varies by Ld Case	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL):         0.001 H         999         360           VERT(CL):         0.003 H         999         240           HORZ(LL):         -0.007 N         -         -           HORZ(TL):         0.010 N         -         -           Creep Factor:         2.0         Max TC CSI:         0.269           Max BC CSI:         0.057         Max Web CSI:         0.119	Gravi Loc R+ / R P* 136 /- Wind reaction P Brg Wid = Bearing Y is a Members not	- / Rh / Rw / U /- /59 /29 s based on MWFRS = 150 Min Req = - rigid surface. listed have forces less than 3 ble Forces Per Ply (lbs)	/ RL /17
	Loc. fr	om endwall: Any GCpi: 0.18		FT/RT:20(0)/10(0) Plate Type(s):	VIEW Vor: 22.02.00.0014.12	X-C 40	0 - 399	
Lumber	I vvina i	Duration: 1.60		MAVE Additional Notes	VIEW Ver: 22.02.00.0914.12			
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 Stack Chord: SC2 2x4 Plating Notes All plates are 2X4 exc (**) 2 plate(s) require scaled plate plot detai requirements.	; 4 SP #2 4 SP #2 cept as r special	; noted. positioning. Refer	- to	See DWGS A14015ENC16 gable wind bracing and oth Stacked top chord must NC area (NNL). Dropped top cf intervals. Attach stacked to top chord in notchable area oc. Center plate on stackec plate length perpendicular t chord in notchable area usi The overall height of this tru 5-11-12.	DT be notched or cut in nord braced at 24" oc p chord (SC) to dropped using 3x4 tie-plates 24" Vdropped chord interface, o chord length. Splice top ng 3x6.			
Loading				<ul> <li>Hember to be laterally brack plane wind loads</li> </ul>	aced for out of			
Truss designed to sup and cladding load not and 24.0" span oppos cut or notched, unless Truss passed check for	to exce site face s specifi	ed 7.00 PSF one . Top chord must ed otherwise.	face not be					
chord live load in area clearance.	as with 4	2"-high x 24"-wid	e		ILENANDO VIN			
<b>Purlins</b> In lieu of structural pa 24" oc.	inels use	e purlins to brace	TC @		No 70773			
<b>Wind</b> Wind loads based on member design.	MWFR	S with additional (	C&C		STATE OF			
End verticals not expo Wind loading based o		•	types.	COA#0-278 Florida Certifi 09/22/202	cate of Product Approval #FL19	999		
**IMPORT/ Trusses require extren Component Safety Info pracing per BCSI. Unli attached rigid ceiling. I diagonal bracing instal shown above and on t Notes page for additio	**WA ANT** me care ormatior ess note Locatior lled on t the Joint nal infor	RNING** READ FURNISH THIS I in fabricating, har h, by TPI and SBC d otherwise, top of s shown for perm he CLR per BCSI Details, unless r mation.	AND FOL DRAWING Idling, shi CA) for saf chord shal anent late sections noted othe	LOW ALL NOTES ON THIS DI i TO ALL CONTRACTORS INC pping, installing and bracing. R etly practices prior to performing I have properly attached structu ral restraint of webs shall have B3, B7, or B10, as applicable. A rwise. Refer to drawings 160A	RAWING! LUDING THE INSTALLERS refer to and follow the latest edition these functions. Installers shall p ral sheathing and bottom chord sh continuous lateral restraint (CLR), Apply plates to each face of truss a 2 for standard plate positions. Ref y deviation from this drawing, any f	n of BCSI (Buildi provide temporal rall have a prope installed with and position as fer to job's Gene		NE

Notes page for additional information. Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 578403 FROM: RFG	VAL	Ply: 1 Qty: 1	Miller	mber: 23-0001 abel: V1			Cust: R 215 JRef: 1XTb2150002 T7 DrwNo: 265.23.1553.26540 / FV 09/22/2023
			Truss L				/ FV 09/22/2023
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		15		8			
				#3X4	9'2'11		
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			Ä			10'8"4	
				, ////, ,	G	Ŧ	
			2'2"		4' 0'2" → 4'2" → →		
.oading Criteria (psf)	Wind	Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum F	Reactions (lbs), or *=PLF
CLL: 20.00	Wind S	Std: ASCE 7-16		Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravit	ty Non-Gravity
CDL: 10.00 SCLL: 0.00		: 130 mph sure: Closed		Pf: NA Ce: NA Lu: NA Cs: NA	VERT(LL): 0.002 E 999 360 VERT(CL): 0.003 E 999 240	Loc R+ / R G* 100 /-	<u>- / Rh / Rw / U / RL</u> /- /66 /5 /24
SCDL: 10.00		ategory: II C Kzt: NA		Snow Duration: NA	HORZ(LL): -0.006 E	F 107 /-	/- /77 /43 /-
Des Ld: 40.00	Mean	Height: 15.63 ft		Building Code:	HORZ(TL): 0.008 E Creep Factor: 2.0		s based on MWFRS = 122 Min Req = -
Soffit: 2.00	BCDL	5.0 psf 5.0 psf		FBC 7th Ed. 2020 Res.	Max TC CSI: 0.267	F Brg Wid = Bearing A is a	= 1.5 Min Req = -
Load Duration: 1.25 Spacing: 24.0 "		RS Parallel Dist: h Dist a: 3.00 ft	to 2h	TPI Std: 2014 Rep Fac: Yes	Max BC CSI: 0.160 Max Web CSI: 0.240		listed have forces less than 375#
		om endwall: not ir GCpi: 0.18	9.00 ft	FT/RT:20(0)/10(0) Plate Type(s):			
	Wind I	Duration: 1.60		WAVE	VIEW Ver: 22.02.00.0914.12		
Lumber Top chord: 2x4 SP #2							
Bot chord: 2x4 SP #2 Webs: 2x4 SP #3;							
Plating Notes							
All plates are 2X4 exc	ept as r	oted.					
Wind							
Wind loads based on member design.	MWFR	S with additional C	C&C				
Wind loading based c	n both g	able and hip roof	types.				
Additional Notes							
See DWGS VALTN10 valley details.	60118 a	nd VAL18016011	B for				
The overall height of t	this trus	s excluding overha	ang is				
9-6-15.					MIMIN		
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					CENSE. TO		
					No 70773 * E		
					STATE OF		
					ALL FLOODA		
					SIONAL EN		
				COA#0-278 Florida Certi	ficate of Product Approval #FL1	999	
					ficate of Product Approval #FL1 23		
**IMPORT	**WA	RNING** READ	AND FO	LLOW ALL NOTES ON THIS DI 3 TO ALL CONTRACTORS INC	RAWING! LUDING THE INSTALLERS tefer to and follow the latest edition it hese functions. Installers shall pural sheathing and bottom chord sha continuous lateral restraint (CLR), it Apply plates to each face of truss ar 2 for standard plate positions. Refe y deviation from this drawing, any fa g of trusses. A seal on this drawing tor the design shown. The suitabilit c.2.	-( DOOL /2	
Component Safety Info Domponent Safety Info Dracing per BCSL Link	ne care ormatior	in tabricating, han , by TPI and SBC d otherwise top of	dling, sh A) for sa	Ipping, installing and bracing. R fety practices prior to performing all have property attached structu	terer to and tollow the latest edition these functions. Installers shall pure to the shall pure the shall be to the shall be t	or BCSI (Buildi ovide temporal III have a prope	ng rý rív
ttached rigid ceiling. liagonal bracing insta	Location	s shown for perm he CLR per BCSI	anent lat sections	eral restraint of webs shall have B3, B7, or B10, as applicable.	continuous lateral restraint (CLR), in Apply plates to each face of truss ar	nstalled with of position as	
Jown above and on t Jotes page for additio	ne joint nal infor W Build	mation. ing Components (	oiea othe Group Ing	erwise. Reier to drawings 160A	-2 ior standard plate positions. Refe v deviation from this drawing any factors.	allure to build th	
uss in conformance v	with ANS	SI/TPI 1, or for ha	andling, essional	shipping, installation and bracin engineering responsibility solely	g of trusses. A seal on this drawing for the design shown. The suitabilit	g or cover page v and use of th	is North Building, 4th Floor



ROM: RFG	Qty: 1	Miller Truss L	.abel: V1A		DrwNo: 265.23.1553.28363 / FV 09/22/2023
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			15/2 8	+ 16'1' 10'8	
				Procing <sup>812</sup>	
				Bracing	
		т	(TYP)	F II2X4	
				11224	
			12		
		01"15	8 212 II2X4		
		Ī	# 3X4		
			11214		
			B B		
			=3X4(D1)		
		⊥ _			→ <sup>108*4</sup>
				K J  H T =3X4   2X4   2X4	
			4041	a	
.oading Criteria (psf)	Wind Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ibs), or *=PLF
CLL: 20.00	Wind Std: ASCE 7-16	6	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
CDL: 10.00	Speed: 130 mph Enclosure: Closed		Pf: NA Ce: NA	VERT(LL): 0.002 A 999 360	Loc R+ /R- /Rh /Rw /U /RL
SCLL: 0.00 SCDL: 10.00	Enclosure: Closed Risk Category: II		Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.005 A 999 240 HORZ(LL): -0.006 G	H* 84 /- /- /57 /3 /16
Des Ld: 40.00	EXP: C Kzt: NA		Show Duration: NA	HORZ(LL): -0.006 G HORZ(TL): 0.009 G	Wind reactions based on MWFRS H Brg Wid = 193 Min Reg = -
ICBCLL: 10.00	Mean Height: 15.92 ft		Building Code:	Creep Factor: 2.0	Bearing A is a rigid surface.
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf		FBC 7th Ed. 2020 Res.	Max TC CSI: 0.212	Members not listed have forces less than 375#
oad Duration: 1.25	MWFRS Parallel Dist: I	n to 2h	TPI Std: 2014	Max BC CSI: 0.124	
spacing: 24.0 "	C&C Dist a: 3.00 ft		Rep Fac: Yes	Max Web CSI: 0.294	
	Loc. from endwall: not i GCpi: 0.18	in 9.00 ft	FT/RT:20(0)/10(0) Plate Type(s):		
	Wind Duration: 1.60		WAVE	VIEW Ver: 22.02.00.0914.12	
Lumber	J		1		
Top chord: 2x4 SP #2					
Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;					
Bracing	restraint equally spaced	00			
nember.	restraint equally spaced	on			
Wind					
	MWFRS with additional	C&C			
nember design.		000			
Right end vertical not	exposed to wind pressur	e.			
Nind loading based of	n both gable and hip roo	f types.			
Additional Notes					
	0118 and VAL1801601	18 for			
valley details.					
i ne overall neight of ti 10-1-15.	his truss excluding over	hang is			
				No 70773	
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				No 70773	
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				ON AN AN	
				S. LORIVENO	
			COA#0-278	ONAL CININ	
			Florida Certifi	cate of Product Approval #FL199	99
			09/22/202	STATE OF	
		AND FC	LLOW ALL NOTES ON THIS D		
**IMDADTA	**WARNING** REAL	DRAWIN	G TO ALL CONTRACTORS INC	LUDING THE INSTALLERS	
**IMPORTA	**WARNING** REAL NT** FURNISH THIS is care in fabricating, ha mation, by TPI and SP	DRAWIN ndling, sh CA) for se	G TO ALL CONTRACTORS INC ipping, installing and bracing. R afety practices prior to performing	LUDING THE INSTALLERS tefer to and follow the latest edition of these functions installers shall pr	of BCSI (Building
**IMPORTA russes require extrem component Safety Info racing per BCSI. Unle trached rigid ceiling	**WARNING** REAL NT** FURNISH THIS e care in fabricating, ha rmation, by TPI and SB ss noted otherwise, top ocations shown for per	DRAWIN ndling, sh CA) for sa chord sha nanent lat	G TO ALL CONTRACTORS INC ipping, installing and bracing. R afety practices prior to performing all have properly attached structu teral restraint of webs shall have	LODING THE INSTALLERS lefer to and follow the latest edition in these functions. Installers shall prima ral sheathing and bottom chord sha continuous lateral restraint (CI P) in	of BCSI (Building rovide temporary III have a property nstalled with
**IMPORTA russes require extrem component Safety Info racing per BCSI. Unle tached rigid ceiling. L iagonal bracing install nown above and on the	**WARNING** REAL INT** FURNISH THIS is care in fabricating, ha rmation, by TPI and SB ss noted otherwise, top ocations shown for per ed on the CLR per BCS e, loint Details - UNESS	DRAWIN ndling, sh CA) for sa chord sha nanent lat l sections noted oth	G TO ALL CONTRACTORS INC ipping, installing and bracing. R afety practices prior to performing all have property attached structu teral restraint of webs shall have B3, B7, or B10, as applicable. J envise. Refer to drawings 1604	LUDING THE INSTALLERS lefer to and follow the latest edition in these functions. Installers shall pri ral sheathing and bottom chord sha continuous lateral restraint (CLR), in Apply plates to each face of truss an 2 for standard plate positions. Before	of BCSI (Building rovide temporary Il have a properly nstalled with Id position as to job's General
**IMPORTA russes require extrem omponent Safety Info racing per BCSI. Unle tached rigid ceiling. L agonal bracing instal rown above and on th otes page for addition	**WARNING** REAL INT** FURNISH THIS ic care in fabricating, ha irmation, by TPI and SB ss noted otherwise, top ocations shown for per ed on the CLR per BCS ial information. V Building Compagate	DRAWING ndling, sh CA) for sa chord sha nanent lat I sections noted oth	G TO ALL CONTRACTORS INC ipping, installing and bracing. R afety practices prior to performing all have property attached structu teral restraint of webs shall have B3, B7, or B10, as applicable. / erwise. Refer to drawings 160A c shall not be responsible for any	RAWINGI LUDING THE INSTALLERS Refer to and follow the latest edition if these functions. Installers shall pr iral sheathing and bottom chord shall continuous fateral restraint (CLR), ir Apply plates to each face of truss an -Z for standard plate positions. Refe y deviation from this drawing, any fa g of trusses. A seal on this drawing for the design shown. The suitabilit c.2.	of BCSI (Building rovide temporary ill have a property nstalled with of position as r to job's General ailure to build the



SEQN: 578405 FROM: RFG	VAL	Ply: 1 Qty: 1	Job Nui Miller	mber: 23-0001		Cust: R 215 JRef: 1XTb2150002 T70 DrwNo: 265.23.1553.29773
			-	abel: V2		/ FV 09/22/2023
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			P	3'11" 4'	<b>-</b> 1	
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			≡3X4(D1)			
			, Â			12'2'4
			]	////	F	Ŷ
			<b>-</b>	<u>3'11" 4'</u> 3'11" 7'11"		
Loading Criteria (psf)	Wind	Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ibs), or *=PLF
TCLL: 20.00 TCDL: 10.00	Wind	Std: ASCE 7-16 I: 130 mph		Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.005 A 999 360	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclos	sure: Closed		Lu: NA Cs: NA	VERT(CL): 0.010 A 999 240	
BCDL: 10.00		ategory: II C Kzt: NA		Snow Duration: NA	HORZ(LL): -0.004 C HORZ(TL): 0.005 C	D 106 /- /- /77 /43 /- Wind reactions based on MWFRS
Des Ld: 40.00 NCBCLL: 10.00		Height: 16.38 ft : 5.0 psf		Building Code:	Creep Factor: 2.0	E Brg Wid = 95.0 Min Req = -
Soffit: 2.00		: 5.0 psf		FBC 7th Ed. 2020 Res.	Max TC CSI: 0.270	D Brg Wid = 1.5 Min Req = - Bearing A is a rigid surface.
Load Duration: 1.25 Spacing: 24.0 "		RS Parallel Dist: h Dist a: 3.00 ft	to 2h	TPI Std: 2014 Rep Fac: Yes	Max BC CSI: 0.180 Max Web CSI: 0.146	Members not listed have forces less than 375#
opuoling. 2 1.0		om endwall: not i	n 9.00 ft	FT/RT:20(0)/10(0)		
	Wind I	GCpi: 0.18 Duration: 1.60		Plate Type(s): WAVE	VIEW Ver: 22.02.00.0914.12	-
Lumber				·	·	_
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2 Webs: 2x4 SP #3;						
Plating Notes						
All plates are 2X4 exc	cept as r	noted.				
Wind						
Wind loads based on member design.	MWFR	S with additional (	C&C			
Wind loading based of	on both g	gable and hip roof	types.			
Additional Notes See DWGS VALTN1	60118 a	nd VAL18016011	8 for			
valley details. The overall height of	this trus	s excluding overh	ana is			
8-0-15.	113 1105	s choldding overn	ung is		No 70773	
					NDO IN	
					CENSE 70	
					70773	
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					cate of Product Approval #FL1	
	**WA		AND FO	09/22/202		
Trusses require extrer Component Safety Inf	ANT** ne care ormation	in fabricating, hai	ndling, sh CA) for sa	ipping, installing and bracing. F fety practices brior to performing	RAWINGI ELUDING THE INSTALLERS Vefer to and follow the latest edition is these functions. Installers shall iral sheathing and bottom chord si continuous lateral restraint (CLR), Apply plates to each face of truss si -Z' for standard plate positions. Re y deviation from this drawing, any g of trusses. A seal on this drawi for the design shown. The suitabi c.2.	n of BCSI (Building provide temporary
bracing per BCSI. Unl attached rigid ceiling.	ess note	ed otherwise, top	chórd sha anent lat	all have properly attached structu eral restraint of webs shall have	Iral sheathing and bottom chord sh continuous lateral restraint (CLR),	all have a properly installed with
shown above and on the Notes page for additional shores and shore additional shores and shore additional shores additional shores and shore additional shores and shore additional shore additional shore additional shore a shore additional shore a shore additional shore a	the Joint nal info	Details, unless r mation.	sections noted othe	erwise. Refer to drawings 160A	Apply plates to each face of truss a -Z for standard plate positions. Re	fer to job's General
Alpine, a division of IT truss in conformance	W Build with AN	ing Components SI/TPI 1, or for h	Group Ind andling,	c. shall not be responsible for an shipping, installation and bracin	y deviation from this drawing, any g of trusses. A seal on this drawi	failure to build the
sting this drawing, ind	ure is the	acceptance of pro	ressioñal the Build	engineering responsibility solely ing Designer per ANSI/TPI 1 Se	r for the design shown. The suitabi	lity and use of this North Building, 4th Floor



	VAL	Ply: 1		nber: 23-0001		Cust: R 215 JRef: 1XTb2150002 T64
FROM: RFG		Qty: 1	Miller Truss La	abel: V2A		DrwNo: 265.23.1553.31130 / FV 09/22/2023
				12'11'8	. 13'10"	
				12'11"8		
				÷		
			8745	Bracir ® 12		
				B3X4(D1)		5 • • • • • • • • • • • • • • • • • • •
				2X4	H H2X4 H2X4 H2X4	
					<del>اء</del>	
	A/: · ·			13'10"	Defl/CSI Criteria	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Speed: Enclos Risk Ca EXP: C Mean H TCDL: BCDL: MWFR C&C D	tid: ASCE 7-16 130 mph ure: Closed ategory: II Kzt: NA Height: 16.67 ft 5.0 psf 5.0 psf S Parallel Dist: ist a: 3.00 ft om endwall: not	h to 2h	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Deflection in         loc L/defl         L/i           VERT(LL):         0.011         A         999         2           VERT(CL):         0.024         A         999         2           HORZ(LL):         -0.006         E         -           HORZ(TL):         0.008         A         -           Creep Factor:         2.0         Max TC CSI:         0.270           Max BC CSI:         0.207         Max Web CSI:         0.179	360 Loc R+ /R- /Rh /Rw /U /RL
	Wind D	GCpi: 0.18 Duration: 1.60		Plate Type(s): WAVE	VIEW Ver: 22.02.00.0914.12	
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Bracing (a) Continuous lateral member.		t equally spaced	l on			
Wind Wind loads based on I member design. Right end vertical not o						
Wind loading based or	n both g	able and hip roo	of types.			
Additional Notes See DWGS VALTN16 valley details.	i0118 ar	nd VAL1801601	18 for			
The overall height of th 8-7-15.	nis truss	excluding over	hang is		No 70773	
					FLORIDA CHI	
				Florida Certific 09/22/202	cate of Product Approval #FI	L1999
**IMPORTA Trusses require extrem Component Safety Info pracing per BCSI. Unle attached rigid ceiling. L diagonal bracing install shown above and on th Notes page for addition Alpine, a division of ITT truss in conformance w	**WAF NT** F e care i ormation ss note ocation ed on th ed on th ne Joint nal inforr W Buildi vith ANS	RING** REAL URNISH THIS In fabricating, ha , by TPI and SB d otherwise, top s shown for per be CLR per BCS Details, unless mation. ng Components J/TPI 1, or for I	D AND FO DRAWING andling, shi CA) for sa chord sha manent late a sections noted othe Group Inc handling, s	LLOW ALL NOTES ON THIS DI 5 TO ALL CONTRACTORS INC poing, installing and bracing. R fety practices prior to performing il have properly attached structu eral restraint of webs shall have. B3, B7, or B10, as applicable. A rwise. Refer to drawings 160A. s. shall not be responsible for any shipping, installation and bracin engineering responsibility solely ing Designer per ANSI/TP1 1 Sec		



Image: state in the state	SEQN: 578407	VAL	Ply: 1		Number:	23-0001					Cust: R 215 JRei		T69
Low for the ison of the second sec	FROM: RFG		Qty: 1			V3						1553.32793 09/22/2023	
Image: State of the state			I										
Image: Section 2.4 SP #2; biologic				+	1'8" 1'8" +	5'8" 4'							
Image: Section 2.4 SP #2; Boch													
Image: Second				Ŧ						<sup>19'10"15</sup>			
Localing Criteria (pr)       Wind Criteria         TOLL: 2000       Wind Criteria         Speed: 1300       Biow Criteria (rg): in PSP;         PDD: 1000       Biow Criteria (rg): in PSP;         Non-Graw       Pop Matching Strip (rg): in PSP;         Non-Graw       Pop Matching Strip (rg): in PSP;         Speed: 1300       Biow Criteria (rg): in PSP;         Non-Graw       Pop Matching (rg): in PSP;         South 2000       Biowork (rg): in PSP;         Non-Graw       Cone NA         Web X402L1:       0.002 C : 999 380         Non-Graw       First 2200 (rg): in PSP;         South 2000       Bioling Code:         FBC The Ed. 2020 Res.       Matr TC CSI: 0.286         Max Web CSI: 0.001       Bioling Code:         FFR T230(V)(NOO)       Pist T212: 0.001 C : 0.286         Max Web CSI: 0.021       Bioling Code:         FFR T230(V)(NOO)       Pist T212: 0.011 B and (rg): in Req = -         Barly Match 2000       Bioling Code:         Yeber Ves       Pist 2202.00.0914.12         Max Web CSI: 0.041       Bioling Code:         Top choid: 24 SP #2;       Pist 2010         Wind Duration: 1.60       Bioling Code:         Yeber Ves       Pist 200.00014.12         Max										Ψ			
Localing Criteria (pr)       Wind Criteria         TOLL: 2000       Wind Criteria         Speed: 1300       Biow Criteria (rg): in PSP;         PDD: 1000       Biow Criteria (rg): in PSP;         Non-Graw       Pop Matching Strip (rg): in PSP;         Non-Graw       Pop Matching Strip (rg): in PSP;         Speed: 1300       Biow Criteria (rg): in PSP;         Non-Graw       Pop Matching (rg): in PSP;         South 2000       Biowork (rg): in PSP;         Non-Graw       Cone NA         Web X402L1:       0.002 C : 999 380         Non-Graw       First 2200 (rg): in PSP;         South 2000       Bioling Code:         FBC The Ed. 2020 Res.       Matr TC CSI: 0.286         Max Web CSI: 0.001       Bioling Code:         FFR T230(V)(NOO)       Pist T212: 0.001 C : 0.286         Max Web CSI: 0.021       Bioling Code:         FFR T230(V)(NOO)       Pist T212: 0.011 B and (rg): in Req = -         Barly Match 2000       Bioling Code:         Yeber Ves       Pist 2202.00.0914.12         Max Web CSI: 0.041       Bioling Code:         Top choid: 24 SP #2;       Pist 2010         Wind Duration: 1.60       Bioling Code:         Yeber Ves       Pist 200.00014.12         Max													
Loading Criteria (an)       Wind Criteria         TOLL: 2000       Speed: 100         Bound Criteria (an)       Wind Criteria         Non-Graw       Part Criteria (an)         Speed: 100       Bind Std: ASCE 7:16         Bound Criteria (an)       Bind Criteria (an)         Pitto Std: ASCE 7:16       Bound Criteria (an)         Post March Criteria       Post March Criteria         Speed: 1000       End Criteria (an)         Relx Creategory: II       Exc. NA         Somo Duration: NA       Con NA         VERTICL: 0.001 C 999 240       Fitto Criteria         March March Intol 1900       Binding Code:         FBC 7h Ed. 2020 Res.       More Factor: 2.0         More To State (and the process)       Binding Code:         FBC 7h Ed. 2020 Res.       Marc To State (and the process)         More To State (and the process)       Binding Code:         FBC 7h Ed. 2020 Res.       Marc To State (and the process)         More To State (and the process)       Binding Code:         FDC 7h Ed. 2020 Res.       Marc To State (and the process)         More Ed. 200 Res.       Marc To State (and the process)         More Ed. 200 Res.       Marc To State (and the process)         More Ed. 200 Res.       Marc To State (and the process)						12	0						
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$\frac{1}{12} + \frac{1}{12} $													
Image: State of the state					B				36				
Image: Constraint of the second s				=	A 4(D1)								
Loading Criteria (pa) Loading Criteria (pa) TCLL: 20.00 BEDL: 0.00 BedL: 0.00 COLL: 0				±			╶┦		<u>+</u> +				
Loading Criteria (pa) Loading Criteria (pa) Wind St: ASCE 7-16 BCL:: 10.00 Beds: Classod BCL:: 0.00 Beds: Classod BCL:: 0.00 Beds: Classod BCL:: 0.00 Beds: Classod BCD:: 5.0 ped BCD:: 5.0 p				L	F		- F						
Laading Criteria (ps) TCLL: 20.00 TCLL: 20.00 Speed: 130 mph ECL: 10.00 ECL: 10.00 E				+		4'	-+	4'2"	<b></b>				
TCLL: 2000 Wind Stat: ASCE 7-16 P2: NAC CT: NA PD Detection in to CLAVELUE UP BCLL: 0.00 Speed: 130 mph BCLL: 0.00 Reloc Gravity Closed BCDL: 10.00 Speed: 130 mph BCLL: 10.00 Reloc Gravity Law Mon-Gravity BCDL: 10.00 Comparison of the CLAVELUE of the Comparison of the CLAVELUE of		1400 0	0-14					D-4/001 0 %		A Messimon P		N# *_D! C	
TCDL:       10.00       Speed:       130 mph       Pf: NA       Ce: NA       VERT(L):       0.00       E: View (Pk: V/R)       Vert (V, V)         BCL:       10.00       Exdex:       Ce: NA       VERT(L):       0.002 C       999 240       E: View (Pk: V/R)       F: View (Pk: V/R)		Wind S	Std: AS						L/defl L/#	Gravit	у ( //	Non-Gravity	
BCDL:       1000 Mean Height: 17.13 ft TCDL:: 50 psf       Bitk Category: II Wean Height: 17.13 ft TCDL:: 50 psf       Bitk Category: II Bitk Category: II Coc. For endwall: not in 9.00 ft GCpi: 0.18       Bitk Category: II Wax TC CSI: 0.286 Wax Web CSI: 0.041       Wind teactions base on MWFRS         Lumber       Cac. Dist a: 3.00 ft GCpi: 0.18       Fig. 722:000/10(0) WavE       Wind Ver: 22.02.00.0914.12       Deaming As angly surface. Member soit listed have forces less than 37         Plaing Notes       All plates are 2X4 except as noted.       Mind Bit Soit Cace Member design.       Wind Duration: 1.60       Wind Ver: 22.02.00.0914.12         Wind Quarding based on MWFRS with additional C&C waley details.       Soit Cace Fordal Certificate on Problem Approval #FL1999       Soit Cace Fordal Certificate on Problem Approval #FL1999							NA			-			RL
Das Ld: 40.00       Mean Height 17.13 ft       The Read Mission Constraints         NCRCLL: 10.00       TCDL: 50 pdf       Building Code:       Creep Factor: 2.0       Max TC CSL: 0.286         Softi: 2.00       BCDL: 50 pdf       FBC 7th Ed. 2020 Res.       Max TC CSL: 0.286       Max TC CSL: 0.286         Spacing: 24.0 *       CAC Dist a: 3.00 ft       FBC 7th Ed. 2020 Res.       Max TC CSL: 0.041       Max Web CSL: 0.041         CAC Dist a: 3.00 ft       Cop: 0.18       Plate Type(s):       VIEW Ver: 22.02.00.0914.12       Beading As a rigd surface.         Umbody       Wind Cadabia Seard on MVFRS       Wave       VIEW Ver: 22.02.00.0914.12       Beading As a rigd surface.         Umbody       Wind Cadabia Seard on both gable and hip roof types.       Max TC CSL: 0.041       Max Web CSL: 0.041         Wind Cadabia Seard on both gable and hip roof types.       Additional Notes       See DVGS VALTN160118 and VAL180160118 for alley.         See DVGS VALTN160118 and VAL180160118 for alley.       No 70773       STATE OF       No 70773         VIEW Ver: 22.276       VIEW Ver: 22.076       VIEW Ver: 22.076       VIEW Ver: 21.999		Risk Ca	ategory:	П									
NUDLL: 1000 BCDL: 50 pef Lad Duration: 1.25 Spacing: 24.0*       BCDL: 50 pef BCD: 15.0 pef MWFRS Parallel Dist: hto 2h CCD: 0.18 Wind Duration: 1.60       BCDL: 50 pef FDC Th Ed. 2020 Res. TPI Std: 2014 BCDL: 50 pef (CCD: 0.18 Wax BC CSI: 0.286 Max BC CSI: 0.286 Max BC CSI: 0.041       D Br@ Wid=1.5 Min Reg = - Bearing A is a right surface. Members not listed have forces less than 37         Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Whice Start SP #3;       VIEW Ver: 22.02.00.0914.12       D Br@ Wid=1.5 Min Reg = - Bearing A is a right surface. Max BC CSI: 0.041         Vind bases Webs: 2x4 SP #2; Works: 2x4 SP #3;       Plating Notes All plates are 2X4 except as noted.       VIEW Ver: 22.02.00.0914.12         Vind based on both gable and hip roof types.       Additional C&C member design. Wind loading based on both gable and hip roof types.       Max BC CSI: 0.041 Wind base of this truss excluding overhang is 6-6-15.         See DWGS VALTN160118 and VAL180160118 for valley details.       No 70773 STATE OF Work 2021 STATE OF Work 2021 STATE OF       No 70773 STATE OF Work 2021 STATE OF		Mean H	Height: 1		Buildi	na Code:			;				
Laad Duration: 1.26 Spacing: 24.0* Co. Chame Analysis in to the the theorem of theorem of the theorem of the					FBC	7th Ed. 2020 Res.		Max TC CSI: 0.28	6	D Brg Wid =	= 1.5 Min Req =		
arbstrig and both of the structure and the structure		MWFR	RS Parall		-							less than 375	#
Wind Duration: 1.60     WAVE     VIEW Ver: 22.02.00.0914.12       Lumber     Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;     Plating Notes       All plates are 2X4 except as noted.     Wind       Wind loads based on MWFRS with additional C&C member design.     Wind loads based on both gable and hip roof types.       Additional Notes     See DW(SS VALTN160118 and VAL180160118 for valley details.       The overall height of this truss excluding overhang is 6-6-15.	opacing. 24.0		om endw	all: not in 9.0	0 ft FT/R	Г:20(0)/10(0)			-				
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Plating Notes All plates are 2X4 except as noted. Wind Vind loading based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types. Additional Notes See DWGS VALTN160118 and VAL180160118 for valiey details. The overall height of this truss excluding overhang is 6-6-15. No 70773 STATE OF COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2013		Wind E	•					VIEW Ver: 22.02.00.0	0914.12	-			
Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Plating Notes All plates are 2X4 except as noted. Wind Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types. Additional Notes See DWGS VALTN160118 and VAL180160118 for valley details. The overall height of this truss excluding overhang is 6-6-15. No 70773 *TATE OF COA#0-278 Florida Certificate of Product Approval #FL1999		_ I								1			
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Wind Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types. Additional Notes See DWGS VALTN160118 and VAL180160118 for valley details. The overall height of this truss excluding overhang is 6-6-15. No 70773 STATE OF COA#0-278 Florida Certificate of Product Approval #FL1999	-	cent as n	noted										
Wind loads based on MWFRS with additional C&C member design. Wind loading based on both gable and hip roof types. Additional Notes See DWGS VALTN160118 and VAL180160118 for valley details. The overall height of this truss excluding overhang is 6-6-15. No 70773 * STATE OF OR 100 COA#0-278 Florida Certificate of Product Approval #FL1999		Jopt do fi	lotea.										
Wind loading based on both gable and hip roof types. Additional Notes See DWGS VALTN160118 and VAL180160118 for valley details. The overall height of this truss excluding overhang is 6-6-15. No 70773 To roof COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023	Wind loads based on	MWFR	S with ad	ditional C&C									
Additional Notes See DWGS VALTN160118 and VAL180160118 for valley details. The overall height of this truss excluding overhang is 6-6-15. No 70773 STATE OF COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023	•	on both a	nable and	d hip roof type	s								
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The overall height of this truss excluding overhang is 6-6-15. No 70773 * STATE OF COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023	See DWGS VALTN1	60118 ar	nd VAL1	80160118 for									
COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023		this truss	s excludi	ng overhang i	s								
COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023			,		•								
COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023								NDO VI	11,				
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COA#0-278 Florida Certificate of Product Approval #FL1999 09/22/2023						- A	13	ALORIDA	ST.				
Florida Certificate of Froduct Approval #FL1999 09/22/2023 **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 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each frace of truss and position as shown above and on the Juless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General						COA#0	-278	INONAL E	111				
**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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Jetails, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General						Florida 09/	Certif 22/202	cate of Product App	roval #FL19	99			
"Import IAN I"" FORNISH, IFIS 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 continuous fateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Juless nuless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General		**WAI			FOLLOW	ALL NOTES ON	THIS D						
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singer and any installed of the control betails, unless noted to be to be the total of a population of the control betails, unless noted to be total of the control betails and positions. Refer to be the control betails and	bracing per BCSI. Unl attached rigid ceiling.	ess note	d otherw	vise, top chórc for permaner	t shall have	e properly attached straint of webs sha	structi	iral sheathing and bott continuous lateral rest	om chord sha traint (CLR),	all have a prope installed with	fly		
Notes page for additional information.	shown above and on a Notes page for additic	the Joint	Details, mation.	unless noted	otherwise.	Refer to drawing	s 160A	-Z for standard plate p	ositions. Ref	er to job's Gene	ral 🖌	ÍLPÌN	٦Ę
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 155 Harlem Ave	Alpine, a division of IT truss in conformance	W Buildi with ANS	Ing Com	ponents Grou	p Inc. shall ng, shippir	not be responsible	e for ar	y deviation from this di g of trusses. A seal of	rawing, any fa on this drawin	allure to build the	e 155 ⊢		V COMPAN

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 578415	VAL Ply: 1 Qty: 1	Job Nur Miller	mber: 23-0001		Cust: R 215 JRef: 1XTb21500 DrwNo: 265.23.1553.34710	
FROM: RFG	Qty: 1	-	abel: V3A		/ FV 09/22/20	
	I				I	
				+ 1177		
			<u>→</u> 2'8*8 → + <u>↓</u> 4' →	부 <sup>*12</sup> 		
		Ţ	r 2000 (TYP)			
			8 72	I2X4 C		
		- 7'1*15 -	8	2.e.12		
			₩2X4 B			
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		<u> </u>			3'8*4	
			∥2X4 ∥	H H2X4 H2X4 H2X4		
			+			
	1		r 117*			
Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7	7-16	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/#	▲ Maximum Reactions (Ibs), or *=PLF Gravity Non-Gra	•
TCDL: 10.00 BCLL: 0.00	Speed: 130 mph Enclosure: Closed		Pf: NA Ce: NA Lu: NA Cs: NA	VERT(LL): 0.001 A 999 360 VERT(CL): 0.002 A 999 240	Loc R+ / R- / Rh / Rw / U F* 84 /- /- /56 /3	/ RL /16
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA		Snow Duration: NA	HORZ(LL): -0.004 E HORZ(TL): 0.006 E	Wind reactions based on MWFRS F Brg Wid = 139 Min Reg = -	,
Des Ld: 40.00 NCBCLL: 10.00	Mean Height: 17.42 TCDL: 5.0 psf	ft	Building Code:	Creep Factor: 2.0	Bearing A is a rigid surface.	
Soffit: 2.00	BCDL: 5.0 psf		FBC 7th Ed. 2020 Res. TPI Std: 2014	Max TC CSI: 0.216	Members not listed have forces less than	375#
Load Duration: 1.25	MWFRS Parallel Dis C&C Dist a: 3.00 ft	st: h to 2h	Rep Fac: Yes	Max BC CSI: 0.114 Max Web CSI: 0.118		
spaan.g. =	Loc. from endwall: r GCpi: 0.18	not in 9.00 ft	FT/RT:20(0)/10(0) Plate Type(s):			
	Wind Duration: 1.60	)	WAVE	VIEW Ver: 22.02.00.0914.12		
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;						
Wind						
Wind loads based on I member design.	MWFRS with addition	nal C&C				
Right end vertical not of Wind loading based on	• •					
Additional Notes	n boun gable and hip	ioor types.				
See DWGS VALTN16 valley details.	0118 and VAL18016	0118 for				
The overall height of the 7-1-15.	his truss excluding ov	verhang is				
				No 70773		
				IN RNANDO VIN		
				No 70773 * STATE OF		
				*		
				STATE OF		
				ESSI CORIDA ENGLI		
			COA#0-278 Florida Cert	ificate of Product Approval #FL	1999	
				023 RAWINGI		
**IMPORTA	**WARNING** RE NT** FURNISH TH be care in fabricating rmation by TPL and	AD AND FO	G TO ALL CONTRACTORS INC ipping, installing and bracing. R	LUDING THE INSTALLERS Refer to and follow the latest edition	of BCSI (Building	
**IMPORTA russes require extrem component Safety Info racing per BCSI. Unle ttached rigid ceiling. L iagonal broging ingerti	**WARNING** RE NT** FURNISH TH be care in fabricating, prmation, by TPI and iss noted otherwise, ocations shown for p and on the CL B act	EAD AND FO IIS DRAWING handling, sh SBCA) for sa top chord sha permanent lat	3 TO ALL CONTRACTORS INC ipping, installing and bracing. R ifety practices prior to performing all have properly attached structu eral restraint of webs shall have B3 B7 or B10 as applicable	LUDING THE INSTALLERS Refer to and follow the latest edition intese functions. Installers shall purity inal sheathing and bottom chord sha continuous lateral restraint (CLR), i Apply plates to each face of the pro-	of BCSI (Building rovide temporary III have a property nstalled with to position as	
**IMPORTA Tusses require extrem component Safety Info racing per BCSI. Unle trached rigid ceiling. L iagonal bracing install nown above and on th totes page for addition	**WARNING** RE NT** FURNISH TH le care in fabricating, irmation, by TPI and iss noted otherwise, ocations shown for p led on the CLR per B e Joint Details, unle al information.	AD AND FO IIS DRAWING handling, sh SBCA) for sa top chord sha bermanent lat SCSI sections ss noted other the Crown b	3 TO ALL CONTRACTORS INC ipping, installing and bracing. R ifely practices prior to performing all have properly attached structu reral restraint of webs shall have B3, B7, or B10, as applicable. A erwise. Refer to drawings 160A a shall not be seen to fail	RAWING! LUDING THE INSTALLERS lefer to and follow the latest edition in these functions. Installers shall pural real sheathing and bottom chord she continuous lateral restraint (CLR), i Apply plates to each face of truss ar -Z for standard plate positions. Refer y deviation from this drawing, any fa g of trusses. A seal on this drawing for the design shown. The suitabilit c.2.	of BCSI (Building rovide temporary all have a property nstalled with to position as ar to job's General	ÌNI

drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



	VAL	Ply: 1			nber: 23-0	001						JRef: 1XTb21500	
FROM: RFG		Qty:	1	Miller Truss La	abel: V4						DrwNo: 265 / FV	.23.1553.37893 09/22/20	
				ITU35 E							, 10	03/22/20	525
		Ā						c			10"15		
		- 5'0"15			٤	3 72 B	в		4'8"11	-			
		<u> </u>	=; -0*4	3X4(D1)					- 2'3"9		2"4		
			-		<u>3'5"</u> 3'5"		D 			Ŷ			
					1							-)+ 5/5	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Speed: Enclosu Risk Ca EXP: C Mean H TCDL: { BCDL: {	td: A 130 r rre: Clo tegory Kzt: leight: 5.0 psf 5.0 psf 5.0 psf S Para	SCE 7-16 nph osed r: II NA 17.88 ft ilel Dist: h		Pg: NA Pf: NA Lu: NA Snow Du Building (	Ct: NA Cs: NA Iration: NA Code: Ed. 2020 1 2014	A	Defl/CSI Criteria PP Deflection in loc L/defl L VERT(LL): NA VERT(CL): NA HORZ(LL): -0.002 C - HORZ(TL): 0.002 A - Creep Factor: 2.0 Max TC CSI: 0.270 Max BC CSI: 0.089 Max Web CSI: 0.040	L/# Loc D* - C - Wind D C Beau	Gravity R+ / R- 130 /- 107 /- d reactions Brg Wid = Brg Wid = ring A is a r	/ Rh /- /- based on M 41.0 Min R 1.5 Min R igid surface	eq = - eq = -	/ RL /37 /-
Spacing. 24.0		m end GCpi:	wall: not i 0.18	n 9.00 ft	FT/RT:20 Plate Typ	0(0)/10(0)		VIEW Ver: 22.02.00.0914.12					
Lumber	wind D	urauor	1. 1.00		WAVE			VIEW Ver. 22.02.00.0914.12					
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;													
Plating Notes All plates are 2X4 exce	ept as no	oted.											
Wind Wind loads based on I member design. Wind loading based or													
Additional Notes See DWGS VALTN16 valley details.	60118 an	d VAL	18016011	8 for									
The overall height of th 5-0-15.	his truss	excluc	ling overh	ang is									
								No 70773					
						Cu FI	0.4#0.278	STATE OF	WIII.				
**IMPORTA russes require extrem component Safety Info racing per BCSI. Unle ttached rigid ceiling. L itagonal bracing install	**WAR NT** F De care in Dormation, ess noted Locations led on the	NING <sup>*</sup> URNIS by TP other show e CLR	** READ SH THIS I cating, hai 'I and SBC wise, top n for perm per BC.SI	AND FO DRAWING ndling, shi CA) for sa chord sha anent late sections	LLOW AL TO ALL pping, ins fety practi Il have pro eral restra B3 B7 or	L NOTES CONTRA talling and ces prior t operly atta int of web r B10 as		RAWING! LUDING THE INSTALLERS sefer to and follow the latest ec prase functions. Installers sh iral sheathing and bottom chor continuous lateral restraint (CI Apply plates to each face of tru- -Z for standard plate positions	dition of BC hall provide rd shall hav LR), installe	SI (Buildin temporary e a proper ed with sition as	ġ y		
hown above and on the lotes page for addition lpine, a division of ITV uss in conformance w	ne Joint I nal inform W Buildir vith ANSI	Details nation. Ig Con /TPI	, unless r nponents I, or for h	oted othe Group Inc andling,	erwise. ' Ř c. shall not shipping,	efer to dra t be respo installatio	awings 160A Insible for an In and bracin	-Z'for standard plate positions y deviation from this drawing, g of trusses. A seal on this dr for the design shown. The sui c 2	. Refer to jo any failure rawing or c	bb's Generation to build the over page	al 1	55 Harlem Ave	



	-		nber: 23-0001		Cust: R 215 JRef: 1XTb2150002 T66 DrwNo: 265.23.1553.39717
FROM: RFG	Qt	y: 1 Miller Truss L	abel: V4A		DrwNo: 265.23.1553.39717 / FV 09/22/2023
			- 4'5"8 - - 4'5"8 - -	$\frac{8'5''8}{4'} \rightarrow \frac{9'4''}{10''8} $ $= 4X4$ $(X + 10'')$	
			8 12 112X4 B =3X4(D1) A B B B B B B B B B B B B B B B B B B		2°4
		, H	4'5"8	4' <u>+ 10'8</u> 8'5'8 <u>+ 9'4'</u>	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Speed: 13 Enclosure: Risk Categ EXP: C F Mean Heig TCDL: 5.0 BCDL: 5.0 MWFRS P C&C Dist a Loc. from 6	ASCE 7-16 30 mph : Closed Jory: II Kzt: NA Jht: 18.17 ft psf psf varallel Dist: h to 2h	45'8 Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria         A           PP Deflection in loc L/defl L/#         Loc           VERT(LL):         0.007 A 999 360         Loc           VERT(CL):         0.015 A 999 240         E*           HORZ(LL):         -0.002 D -         -           HORZ(TL):         0.005 A -         E           Creep Factor:         2.0         Beat	Maximum Reactions (Ibs), or *=PLF         Gravity       Non-Gravity         c       R+ / R- / Rh / Rw / U / RL         84       /- /- /55 /3 /15         nd reactions based on MWFRS         Brg Wid = 112         Min Req = -         aring A is a rigid surface.         wmbers not listed have forces less than 375#
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Wind			WAVE	VIEW Ver: 22.02.00.0914.12	
Wind loads based on I member design. Right end vertical not ( Wind loading based of	exposed to	wind pressure.			
Additional Notes See DWGS VALTN16 valley details. The overall height of th 5-7-15.					
			COA#0-278 Florida Certifi 09/22/202	No 70773 STATE OF CENSE STATE OF CORIDA CORIDA CORIDA STATE OF STATE STATE STA	
**IMPORTA Trusses require extrem Component Safety Info racing per BCSI. Unle titached rigid ceiling. L liagonal bracing install hown above and on th dotes page for addition Apine, a division of IT ups in conformance w	**WARNII NT** FUR e care in fa rmation, by ss noted ot ocations sh ed on the C ie Joint Det al informat V Building ( ith ANSI/TF	NG** READ AND FO NISH THIS DRAWING bricating, handling, sh TPI and SBCA) for sa herwise, top chord sha yown for permanent lat 2LR per BCSI sections ails, unless noted othe for. Components Group Inc 1 1, or for handling,	LLOW ALL NOTES ON THIS D G TO ALL CONTRACTORS INC poing, installing and bracing. F fety practices prior to performing all have properly attached structure ral restraint of webs shall have B3, B7, or B10, as applicable. / arwise. Refer to drawings 160A c. shall not be responsible for an shipping. installation and bracin	RAWING! LUDING THE INSTALLERS lefer to and follow the latest edition of B if these functions. Installers shall provid iral sheathing and bottom chord shall ha continuous lateral restraint (CLR), insta Apply plates to each face of truss and po -Z for standard plate positions. Refer to y deviation from this drawing, any failure g of trusses. A seal on this drawing or tor the design shown. The suitability an c 2	CSI (Building de temporary ave a property lied with osition as job's General e to build the cover page of the temporary solution as job's General to the temporary solution as to temporary solution as to temporary soluti



SEQN: 578419 FROM: RFG	VAL Ply: 1 Qty: 1	Job Nur Miller	nber: 23-0001		Cust: R 215 JRef: 1XTb2150002 T0 DrwNo: 265.23.1553.41450
	Galy. 1	-	abel: V5		/ FV 09/22/2023
			<u>= 2'2"8</u> = = 2'2"8 = =	$\frac{6'2''8}{4'} = \frac{7'1''}{10''8}$	
			8 12 8 12 8 12 8 12 8 12 8 12 8 12 8 12 8 12 12 14 12 14 12 14 14 14 14 14 14 14 14 14 14	E 4X4 C 100 F 100	<u>1</u> 6'8"4
			2'2"8	<u>4' 10"8</u> 6'2"8 - 7'1"	
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Lumber Top chord: 2x4 SP #2 Webs: 2x4 SP #3; Wind Wind loads based on member design. Right end vertical not Wind loading based of	; MWFRS with additio exposed to wind pres	ft st: h/2 to h not in 9.00 ft ) nal C&C ssure.	Snow Criteria (Pg,Pf in PSF)         Pg: NA       Ct: NA         Pf: NA       Ce: NA         Lu: NA       Cs: NA         Snow Duration: NA         Building Code:         FBC 7th Ed. 2020 Res.         TPI Std:       2014         Rep Fac: Yes         FT/RT:20(0)/10(0)         Plate Type(s):         WAVE	6'2'8       7'1'''         Defl/CSI Criteria       PP Deflection in loc L/defl L/#         VERT(LL):       0.001 A 999 360         VERT(CL):       0.001 C 999 240         HORZ(LL):       -0.002 D -         HORZ(LL):       -0.002 D -         Creep Factor:       2.0         Max TC CSI:       0.210         Max BC CSI:       0.086         Max Web CSI:       0.048	▲ Maximum Reactions (Ibs), or *=PLF Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL E* 84 /- /- /54 /11 /16 Wind reactions based on MWFRS E Brg Wid = 85.0 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#
Additional Notes See DWGS VALTN1 valley details. The overall height of t 4-1-15.	60118 and VAL18016	60118 for			
				No 70773 STATE OF CORIDA STATE OF CORIDA STATE OF CORIDA STATE OF CORIDA STATE OF CORIDA STATE OF STATE OF STAT	1999
**IMPORT. Frusses require extrer Component Satety Inf pracing per BCSI. Unl attached rigid ceiling. Jiagonal bracing insta shown above and on 1 Notes page for additio Apine, a division of IT russ in conformance	**WARNING** RI ANT** FURNISH TH ne care in fabricating ormation, by TPI and ess noted otherwise, Locations shown for r lied on the CLR per E He Joint Details, unle nal information. W Building Compone with ANSI/TPI 1, or i vice to accordance of	EAD AND FO IIS DRAWING SBCA) for sa top chord sha permanent late SCSI sections ass noted other or handling.		RAWING! LUDING THE INSTALLERS Sefer to and follow the latest edition n it these functions. Installers shall pr iral sheathing and bottom chord sha continuous lateral restraint (CLR), i apply plates to each face of truss an -Z for standard plate positions. Refe y deviation from this drawing, any fa g of trusses. A seal on this drawing tor the design shown. The suitability c.2.	



SEQN: 578421 FROM: RFG	VAL Ply: 1 Qty: 1	Miller	nber: 23-0001 abel: V6		Cust: R 215 JRef: 1XTb2150002 T68 DrwNo: 265.23.1553.42890 / FV 09/22/2023
		 	2'8"4 2'8"4 = = 8	4'10" 2'1"12    2X4 C C C C C C C	18'2"4
		-04 	<u>E</u>    2X4 4'10" 4'10"	<u>2'1"12</u> <u>4'10"</u>	
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           SCLL:         0.00           SCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind Criteria Wind Std: ASC Speed: 130 mpl Enclosure: Close Risk Category: II EXP: C Kzt: N/ Mean Height: 19 TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel C&C Dist a: 3.00 Loc. from endwa	h ad .25 ft I Dist: h/2 to h 9 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): 0.002 A 999 360           VERT(CL): 0.005 A 999 240           HORZ(LL): 0.001 A -           HORZ(TL): 0.002 A -           Creep Factor: 2.0           Max TC CSI: 0.078           Max BC CSI: 0.071           Max Web CSI: 0.024	▲ Maximum Reactions (Ibs), or *=PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 84 /- /- /48 /11 /11 Wind reactions based on MWFRS D Brg Wid = 58.0 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2;			Plate Type(s): WAVE	VIEW Ver: 22.02.00.0914.12	
Webs: 2x4 SP #3; Wind Wind loads based on I member design. Right end vertical not of Wind loading based of Additional Notes See DWGS VALTN16 valley details. The overall height of th 1-9-12.	exposed to wind p n both gable and I 60118 and VAL186	oressure. hip roof types. 0160118 for			
			COA#0-278 Florida Certif 09/22/20	No 70773 STATE OF CONCOMPLETE STATE OF STATE OF	999
**IMPORTA russes require extrem component Safety Info racing per BCSI. Unle ttached rigid ceiling. L iagonal bracing instal hown above and on t lotes page for addition lpine, a division of IT uss in conformance v sting this drawing, ind	**WARNING** NT** FURNISH le care in fabricati imration, by TPI a iss noted otherwis ocations shown fr led on the CLR pe be Joint Details, u al information. W Building Compr vith ANSUTPI 1, licates acceptance we is the ordenace	READ AND FO THIS DRAWING ing, handling, shi ind SBCA) for sal se, top chord sha or permanent late or permanent late or permanent late or permanent late or permanent late onents Group Inco or for handling, s or for handling, s or for handling, s	LLOW ALL NOTES ON THIS DI B TO ALL CONTRACTORS INC pping, installing and bracing. R lety practices prior to performing all have properly attached structu rail restraint of webs shall have B3, B7, or B10, as applicable. A rwise. Refer to drawings 160A . shall not be responsibility solely installation and bracin engineering responsibility solely and actionar responsibility solely and actionar responsibility solely	RAWINGI LUDING THE INSTALLERS lefer to and follow the latest edition it hese functions. Installers shall p ral sheathing and bottom chord sha continuous lateral restraint (CLR), apply plates to each face of truss a -Z for standard plate positions. Ref y deviation from this drawing, any f g of trusses. A seal on this drawin for the design shown. The suitabilit c.2.	of BCSI (Building rovide temporary all have a property installed with nd position as er to job's General ailure to build the g or cover page ty and use of this

drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Séc.2. For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



	VAL	Ply: 1	Job Nur Miller	nber: 23-0001		Cust: R 215 JRef: 1XTb2150002 T4
FROM: RFG		Qty: 1		abel: V7		DrwNo: 265.23.1553.45137 / FV 09/22/2023
		.1	1			
				<del>= 2'6"14 = = 6'6</del> 2'6"14 <del>= = 4</del>	-	
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				₩2X4 B	- 411	
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			Ŧ			
				F 112X4	₩2X4	
				<del>-</del> 6°6"14		
				, 2'6"14 , 4	·	
					<del>"14 − 1'10" − +</del>	
Loading Criteria (psf)			16	Snow Criteria (Pg,Pf in PSF)		Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity
TCLL: 20.00 TCDL: 10.00		Std: ASCE 7-1 I: 130 mph	o	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 360	oc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclos	sure: Closed		Lu: NA Cs: NA	VERT(CL): 0.002 C 999 240 E	* 104 /- /- /71 /17 /32
BCDL: 10.00		Category: II C Kzt: NA		Snow Duration: NA		/ind reactions based on MWFRS
Des Ld: 40.00		Height: 15.75 ft	t		HORZ(TL): 0.005 C E	Brg Wid = 78.9 Min Req = - earing A is a rigid surface.
NCBCLL: 10.00	TCDL:	: 5.0 psf		Building Code: FBC 7th Ed. 2020 Res.		lembers not listed have forces less than 375#
Soffit: 2.00 Load Duration: 1.25		: 5.0 psf	. h/2 to h	TPI Std: 2014	Max BC CSI: 0.135	
Spacing: 24.0 "		RS Parallel Dist: Dist a: 3.00 ft	: n/2 to n	Rep Fac: Yes	Max Web CSI: 0.117	
		rom endwall: no	t in 9.00 ft	FT/RT:20(0)/10(0)		
	Wind [	GCpi: 0.18 Duration: 1.60		Plate Type(s): WAVE	VIEW Ver: 22.02.00.0914.12	
Lumber						
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2;						
Webs: 2x4 SP #2;	,					
Wind						
Wind loads based on	MWFR	S with additiona	al C&C			
member design.	0,00000	d to wind proce				
Right end vertical not Wind loading based o	•	•				
Additional Notes		,	···			
See DWGS VALTN16	60118 a	nd VAL180160	118 for			
valley details.						
The overall height of t 6-3-14.	this truss	s excluding ove	erhang is			
					IIIINANDO VIN	
					CENSE	
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					ON ALCONT	
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	**WA	RNING** RF4		LLOW ALL NOTES ON THIS	 RAWING!	
**IMPORT/ Trusses require extrer	ANT** ne care	FURNISH THIS in fabricating. F	S DRAWING	TO ALL CONTRACTORS INC pping, installing and bracing.	RAWING! LUDING THE INSTALLERS tefer to and follow the latest edition of J ithese functions. Installers shall prov ral sheathing and bottom chord shall h continuous lateral restraint (CLR), inst Apply plates to each face of truss and J -Z for standard plate positions. Refer to y deviation from this drawing, any failu g of trusses. A seal on this drawing o for the design shown. The suitability a c.2.	BCSI (Building
Component Safety Info pracing per BCSI. Unle	ormation ess note	1, by TPI and S of otherwise, to	BCA) for sa p chord sha	lety practices prior to performing Il have properly attached structu	these functions. Installers shall prov iral sheathing and bottom chord shall h	ride temporary
ttached rigid ceiling. I liagonal bracing insta	Location	is shown for pe he CLR per BC	rmanent lat	eral restraint of webs shall have B3, B7, or B10, as applicable.	continuous lateral restraint (CLR), inst Apply plates to each face of truss and r	alled with position as
nown above and on the lotes page for additio	ne Joint	Details, unless	s noted othe	erwise. Refer to drawings 160A	-2 tor standard plate positions. Refer to	o job's General
vipine, a division of IT russ in conformance v	vv Build with ANS	Ing Component SI/TPL 1, or for	ts Group Inc r handling, s	<ul> <li>snall not be responsible for an shipping, installation and bracin</li> </ul>	y deviation from this drawing, any failu g of trusses. A seal on this drawing o	Ire to build the ANITW COME
sting this drawing, ind	licates a	acceptance of p	of the Build	engineering responsibility solely	ror the design shown. The suitability a	and use of this North Building, 4th Floor



SEQN: 578498 FROM: RFG	VAL	Ply: 1 Qty: 1	Job Nui Miller	<b>nber:</b> 23-0001		Cust: R 215 JRef: 1XTb2150002 T5 DrwNo: 265.23.1553.54740
			Truss L	abel: V8		/ FV 09/22/2023
				9 12 =3X4(D1)		13'9"3
				<del> -</del>		
				4'9"8		
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind S Speed Enclos Risk C EXP: C Mean I TCDL: BCDL: BCDL: MWFR C&C D	Criteria Std: ASCE 7-16 : 130 mph sure: Closed ategory: II C Kzt: NA Height: 16.41 ft 5.0 psf 5.0 psf SS Parallel Dist: h bist a: 3.00 ft om endwall: not in		4'9'8         Snow Criteria (Pg,Pf in PSF)         Pg: NA       Ct: NA         Pf: NA       Ce: NA         Lu: NA       Cs: NA         Snow Duration: NA         Building Code:         FBC 7th Ed. 2020 Res.         TPI Std:       2014         Rep Fac: Yes         FT/RT:20(0)/10(0)	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 A HORZ(TL): 0.009 A Creep Factor: 2.0 Max TC CSI: 0.292 Max BC CSI: 0.204 Max Web CSI: 0.054	▲ Maximum Reactions (Ibs), or *=PLF Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL D* 111 /- /- /74 /19 /34 Wind reactions based on MWFRS D Brg Wid = 57.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#
	Wind [	GCpi: 0.18 Duration: 1.60		Plate Type(s): WAVE	VIEW Ver: 22.02.00.0914.12	-
Lumber Top chord: 2x4 SP #2: Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Wind Wind loads based on I member design. Right end vertical not of Wind loading based on Additional Notes See DWGS VALTN16 valley details. The overall height of th 4-11-14.	MWFRS exposed n both g 50118 ar	d to wind pressure gable and hip roof nd VAL18016011	e. types. 8 for			
				COA#0-278 Florida Certi 09/22/20	No 70773 STATE OF STATE OF STA	L1999
**IMPORTA Trusses require extrem Component Safety Info bracing per BCSI Unle attached rigid ceiling. L diagonal bracing install shown above and on th Notes page for addition Alpine, a division of IT truss in conformance w listing this drawing, ind	**WAF NT** De care Jormation Ses note Jocation led on the Joint nal infor W Build vith ANS licates a	RNING** READ FURNISH THIS L in fabricating, har , by TPI and SBC d otherwise, top of s shown for perm he CLR per BCSI Details, unless r mation. SUTPI 1, or for h icceptance of proj a resenoncibility of	AND FO DRAWING ding, sh CA) for sa chord sha anent lat sections noted othe Group Ing andling, fessional the Ruid		RAWING! LUDING THE INSTALLERS lefer to and follow the latest edition these functions. Installers shall ral sheathing and bottom chord s continuous lateral restraint (CLR) apply plates to each face of truss -2 for standard plate positions. Re y deviation from this drawing, any g of trusses. A seal on this draw for the design shown. The suitab .2.2.	



SEQN: 578500	/AL	Ply: 1	Job Nur	nber: 23-0001			Cust: R 215 JRef: 1XTb2150002 T61
FROM: RFG		Qty: 1	Miller				DrwNo: 265.23.1553.58560
			Truss La	abel: V9			/ FV 09/22/2023
			37'14	9 12    2) = 3X4(D1) A    2)		15'1"3	
					<del>+ </del> <del>- </del> 1'10"+		
				3'0"3	·		
Loading Criteria (psf)           TCLL:         20.00           TCDL:         10.00           BCLL:         0.00           BCDL:         10.00           Des Ld:         40.00           NCBCLL:         10.00           Soffit:         2.00           Load Duration:         1.25           Spacing:         24.0 "	Wind S Speed: Enclos Risk C EXP: C Mean H TCDL: BCDL: MWFR C&C D	Criteria td: ASCE 7-16 : 130 mph ure: Closed ategory: II C Kzt: NA Height: 17.08 ft 5.0 psf 5.0 psf S Parallel Dist: h ist a: 3.00 ft pm endwall: not in		Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria           PP Deflection in loc L/defl L/#           VERT(LL): NA           VERT(CL): NA           HORZ(LL): -0.002 B           HORZ(TL): 0.002 B           Creep Factor: 2.0           Max TC CSI: 0.281           Max BC CSI: 0.064           Max Web CSI: 0.060	Gravity Loc R+ / R- D* 127 /- Wind reactions D Brg Wid = Bearing A is a	/ Rh / Rw / U / RL /- /81 /23 /38 based on MWFRS 36.2 Min Req = -
		GCpi: 0.18 Duration: 1.60		Plate Type(s): WAVE	VIEW Ver: 22.02.00.0914.12	-	
Lumber Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Wind Wind loads based on M member design. Right end vertical not e Wind loading based or Additional Notes See DWGS VALTN16 valley details. The overall height of th 3-7-14.	exposed n both g 0118 ar	t to wind pressure able and hip roof nd VAL18016011	e. types. 8 for				
				COA#0-278 Florida Certii 09/22/20	No 70773 STATE OF SONAL Ficate of Product Approval #FL1		
**IMPORTA Trusses require extrem Component Safety Info bracing per BCS! Unle attached rigid ceiling. L diagonal bracing install shown above and on th Notes page for addition Alpine, a division of ITV truss in conformance w listing this drawing, indi	**WAF NT** F e care i rmation ss note ocation ed on th e Joint al inform V Buildi ith ANS cates a	RNING** READ URNISH THIS I n fabricating, har by TPI and SBC d otherwise, top o s shown for perm the CLR per BCSI Details, unless r ng Components NTPI 1, or for h cceptance of proj	AND FO PRAWING Idling, shi chord sha anent lato sections oted othe Group Inc andling, s ressional	LLOW ALL NOTES ON THIS DI 5 TO ALL CONTRACTORS INC pping, installing and bracing. R fety practices prior to performing Il have properly attached structu eral restraint of webs shall have B3, B7, or B10, as applicable. A arwise. Refer to drawings 160A c. shall not be responsible for an shipping, installation and bracin engineering responsibility solely.	RAWING! LUDING THE INSTALLERS lefer to and follow the latest edition these functions. Installers shall p ral sheathing and bottom chord sh- continuous lateral restraint (CLR), Apply plates to each face of truss a 2 for standard plate positions. Ref y deviation from this drawing, any f g of trusses. A seal on this drawin for the design shown. The suitabili 2.2.	of BCSI (Buildir rovide temporan all have a proper installed with nd position as er to job's Gener ailure to build the g or cover page fy and use of this	ral 155 Harlem Ave North Building, 4th Floor



# CLR Reinforcing Member Substitution

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

### Notes

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

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

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

Web Member	Specified CLR	Alternative Reinforecement	
Size	Restraint	T- or L- Reinf. Scab Reinf.	
2x3 or 2x4	1 row	2×4	1-2×4
2x3 or 2x4	2 rows	2×6	2-2×4
2×6	1 row	2×4	1−2×6
2×6	2 rows	2×6	2−2×4( <del>X</del> )
2×8	1 row	2×6	1-2×8
2×8	2 rows	2×6	2-2×6( <del>%</del> )

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

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

AN ITW COMPAN

155 Harlem Ave North Building, 4th Floor

Glenview, IL 60025



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

Florida Certificate of Product Approval #FL1999

COA#0-278







Florida Certificate of Product Approval #FL1999



Florida Certificate of Product Approval #FL1999

# Valley Detail - ASCE 7-16: 180 mph, 30' Mean Height, Partially Enclosed, Exp. C, Kzt=1.00

Πr

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

\*\* Attach each valley to every supporting truss with: 535# connection or with (1) Simpson H2.5A or equivalent connector for ASCE 7-16 180 mph. 30' Mean Height, Part. Enc. Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00 Dr ASCE 7-16 160 mph. 30' Mean Height, Part. Enc. Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

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

All plates shown are Alpine Wave Plates.

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

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

Purlins at 24" o.c. or as otherwise specified on engineer's sealed design Dr

By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

- \*\*\* Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.
- ++ Larger spans may be built as long as the vertical height does not exceed 14'-0''.



## Valley Detail - ASCE 7-16: 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

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

\*\* Attach each valley to every supporting truss with: (2) 16d box (0.135" x 3.5") nails toe-nailed for ASCE 7-16, 30' Mean Height, Enclosed Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00, Max. Wind Speed based on supporting truss material at connection location: 170 mph for SP (G = 0.55, min.),155 mph for DF-L (G = 0.50, min.), or 120 mph for HF & SPF (G = 0.42, min.).

Maximum top chord pitch is 10/12 for supporting trusses below valley trusses.

Bottom chord of valley trusses may be square or pitched cut as shown.

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

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

- Top chord of truss beneath valley set must be braced with: properly attached, rated sheathing applied prior to valley truss installation.
  - Πr Purlins at 24" o.c. or as otherwise specified on engineer's sealed design Πr
  - By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design
- \*\*\* Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.
- ++ Larger spans may be built as long as the vertical height does not exceed 14'-0''.



All plates shown are Alpine Wave Plates.