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11/08/2024 COA#0-278 Florida Certificate of Product Approval #FL1999

This item has been digitally signed by Fernando Vinas on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1909B
Job Description: MOWRY	
Address: FL	

Job Engineering Criteria:											
Design Code: FBC 8th Ed. 2023 Res.	IntelliVIEW Version: 23.02.04										
	JRef #: 1Y4R2150004										
Wind Standard: ASCE 7-22 Wind Speed (mph): 130	Design Loading (psf): 40.00										
Building Type: Closed											

This package contains general notes pages, 35 truss drawing(s) and 3 detail(s).

ltem	Drawing Number	Truss	Item	Drawing Number	Truss
1	312.24.0950.49549	A1	2	312.24.0950.50837	A2
3	312.24.1147.58470	A3	4	312.24.1148.08017	A4
5	312.24.0950.49472	A5	6	312.24.0950.49754	A5E
7	312.24.0950.50633	A6E	8	312.24.1148.11327	B1
9	312.24.0950.49786	B2	10	312.24.0950.49518	B3
11	312.24.0950.49737	C1	12	312.24.0950.50210	C1A
13	312.24.0950.50241	C1E	14	312.24.1148.16087	C2
15	312.24.0950.50853	C2A	16	312.24.1148.20460	C3
17	312.24.0950.49957	C4	18	312.24.0950.49753	C4A
19	312.24.0950.50382	C4E	20	312.24.1148.26960	D1
21	312.24.1148.33067	D1E	22	312.24.0950.50429	G1
23	312.24.0950.50476	G1E	24	312.24.0950.50931	V1
25	312.24.0950.50948	V2	26	312.24.0950.49942	V3
27	312.24.0950.50618	V4	28	312.24.0950.49473	V55
29	312.24.0950.50209	V56	30	312.24.0950.49990	V57
31	312.24.0950.50414	V66	32	312.24.0950.49989	V67
33	312.24.0950.50696	V68	34	312.24.0950.50163	V69
35	312.24.0950.50649	V70	36	BRCLBSUB0119	
37	VAL180220723		38	VALTN220723	

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 and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

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

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

Bearing Information:

The bearing area factor, Cb, is considered for the allowable capacity of solid sawn wood bearings supporting trusses that are located a minimum of 3" from the end of the lumber piece.

General Notes (continued)

Coated Lumber:

Coated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Coated lumber has no adjustments to lumber properties. Coated lumber may be more brittle than uncoated lumber. Special handling care must be taken to prevent breakage during all handling activities. Refer to manufacturer literature, specifications, and code evaluation reports for restrictions, details, and requirements.

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.

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.

C = Coated lumber.

C-AT = AtTEK coated lumber.

C-FX = FX Lumber Guard coated lumber.

C -TE = TechWood 4400 coated lumber.

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-BF = Boraflame 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-ON = OnWood 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).

General Notes (continued)

Key to Terms (continued):

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

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

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

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

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

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

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

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

Refer to ASCE-7 for Wind and Seismic abbreviations.

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

References:

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

SEQN: 650796 / FROM: RFG	COMN	Ply: 1 Qty: 7	Job Nu MOWR	nber: 24-1909B		Cust: R 215 JRef: 1Y4R2150004 T16 / DrwNo: 312.24.0950.49549
			Truss L	abel: A1		KD / DF 11/07/2024
				5'11"8 		
		Ţ		12		
			A	0 # 3X4 B 	= ^F _{3X8}	
				k	11'11"	→ ↓
			- 1'6"8 ·	- - 5'11"8 5'11"8	5'11"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 " Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #3; Wind Wind loads based on member design. End verticals not expo Wind loading based o Additional Notes The overall height of tt 5-10-0.	Wind G Speed Enclos Risk C EXP: E Mean I TCDL: BCDL: MWFR C&C D Loc. fr Wind D ; ; MWFRS sed to v n both g his truss	Criteria Std: ASCE 7-22 130 mph sure: Closed ategory: II 3 Kzt: NA Height: 15.00 ft 5.0 psf S.0 psf S.Parallel Dist: h/ Dist a: 3.00 ft om endwall: not in GCpi: 0.18 Duration: 1.60 S with additional C wind pressure. gable and hip roof s excluding overha	/2 to h a 9.00 ft C&C types. ang is	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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.005 F 999 360 VERT(CL): 0.011 F 999 240 HORZ(LL): 0.001 C - - HORZ(LL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.465 Max BC CSI: 0.325 Max Web CSI: 0.155	▲ Maximum Reactions (Ibs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 630 /- /- /372 /13 /131 E 506 /- /- /288 /3 /- Wind reactions based on MWFRS G Brg Wid = 3.5 Min Req = 1.5 (Truss) E Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings G & E 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 90 -537 C - D 88 -529 Maximum Web Forces Per Ply (Ibs) Webs Tens. Comp. B - 6 155 -582 D - E 91 -458
IMPORTA	**WAI	RNING READ	AND FO RAWINg, sha	COA#0-278 Florida Certifi 11/08/202 LLOW ALL NOTES ON THIS DI 5 TO ALL CONTRACTORS INC pping, installing and bracing. R	No 70773 STATE OF LORIDA CALLERS CONAL	999
Component Satety Info bracing per BCSI. Unle attached rigid ceiling. L diagonal bracing instal shown above and on the	ormation ocation led on the ne Joint	n, by TPI and SBC ed otherwise, top c is shown for perma he CLR per BCSI Details, unless n	A) for sa chord sha anent lat sections oted oth	rety practices prior to performing all have properly attached structue eral restraint of webs shall have B3, B7, or B10, as applicable. A arwise. Refer to drawings 1604.	These runctions. Installers shall p ral sheathing and bottom chord sha continuous lateral restraint (CLR), i Apply plates to each face of truss a 2 for standard plate positions. Ref	rovice temporary all have a properly installed with nd position as er to job's General



SEQN: 650333 /	COMN	Ply: 1	Job Number: 24-1909B		Cust: R 215 JRef: 1Y4R2150004 T14 /
FROM: RFG		Qty: 2	MOWRY		DrwNo: 312.24.0950.50837
			Truss Label: A2		KD / DF 11/07/2024
				<u>11'11"</u> 5'11'8	
		+ + − 2'4"5 − − 510" − − − − + − 2'4"5 − − 1	10 12 10 3X4 B B H H H H H H H H H H H H H H H H H	■4X5 C G =6X6 11'11'	E 6.1.9 6.2.19
			► 1'6"8 ← - 5'8" - 1'6"8 ← - 5'11"8 3"8		'6*8 -
			3"8	31 <u>9</u> 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	Wind S Speed Enclos Risk C EXP: E Mean I TCDL:	Criteria Std: ASCE 7-22 : 130 mph sure: Closed ategory: II 3 Kzt: NA Height: 15.00 ft 5.0 psf 5.0 psf	Snow Criteria (Pg,Pf in F Pg: NA Ct: NA CAT Pf: NA Ce: I Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res.	PSF) Defl/CSI Criteria PP Deflection in loc L/defl L/# VRT(LL): 0.018 G 999 360 VERT(LL): 0.039 G 999 240 HORZ(LL): 0.017 D - HORZ(LL): 0.035 D - Creep Factor: 2.0 Max TC CSI: 0.409	▲ Maximum Reactions (Ibs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 632 /- /- /373 /11 /148 F 632 /- /- /373 /11 /148 Wind reactions based on MWFRS H Brg Wid = 3.5 Min Req = 1.5 (Truss) F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Load Duration: 1.25 Spacing: 24.0 "	MWFR C&C D Loc. fr	S.0 psi RS Parallel Dist: 0 Dist a: 3.00 ft om endwall: Any	to h/2 TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Max BC CSI: 0.309 Max Web CSI: 0.217	Bearings H & F 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.
	Min d F	GCpi: 0.18	Plate Type(s):		B-C 68-840 C-D 66-840
Lumber	Wind L		WAVE	VIEW Vel. 23.02.04.0123.14	
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Wind Wind loads based on member design. End verticals not expo	; MWFR	S with additional C wind pressure.	C&C		Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - H 243 -602 C - G 571 0 B - G 517 0 D - F 227 -602 G - D 517 - 38
Wind loading based o	n both g	able and hip roof	types.		
Additional Notes The overall height of the 5-10-0.	his truss	s excluding overha	ang is		
IMPORT4	**WAI	RNING READ	COA# Florid IN AND FOLLOW ALL NOTES ON DRAWING TO ALL CONTRACTOR	No 70773 STATE OF O-278 Certificate of Product Approval #FL19 MS/2024	999
Trusses require extrem Component Safety Info bracing per BCSI. Unle attached rigid ceiling. L	rmation ss note ocation	in fabricating, han by TPI and SBC d otherwise, top of s shown for permise by CP permise.	ndling, shipping, installing and brac CA) for safety practices prior to perf chord shall have properly attached nanent lateral restraint of webs shal sections B3 B7 or B40	ng. Refer to and follow the latest edition c orming these functions. Installers shall pro structural sheathing and bottom chord shall have continuous lateral restraint (CLR), in ble Apply plates to coop for a function	of BCSI (Building vide temporary I have a property stalled with d position as

diagonal bracing installed on the CLR per BCSI sections 3, 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: 650774	COMN	Ply: 1	Job Nur	mber: 24-1909B		Cust: R 215 JRef: 1Y4R2150004 T19
FROM: RFG		Qty: 3	MOWR)	/ ahel: A3		DrwNo: 312.24.1147.58470 KD / EV 11/07/2024
					+ - <u>11'11"</u> 5'11"8	-1
		- 5'10"	0"7 A	10 12 3X4 B 10 5 12 5 12 5	F =6X6	
			 - 1'6	5"8 		4
				3"8 3"8	3 11	3°8 1'11"
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 C Wind S Speed: Enclos Risk C EXP: E Mean H TCDL: BCDL: MWFR C&C D Loc. frc Wind E	>riteria Sitd: ASCE 7-22 : 130 mph ure: Closed ategory: II 3 Kzt: NA Height: 5.0 psf 5.0 psf S.Parallel Dist: 0 Vist a: 3.00 ft om endwall: not in GCpi: 0.18 Duration: 1.60	to h/2 4.50 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.019 F 999 360 VERT(CL): 0.040 F 999 240 HORZ(LL): 0.016 D - HORZ(TL): 0.035 D - Creep Factor: 2.0 Max TC CSI: 0.462 Max BC CSI: 0.312 Max Web CSI: 0.220	$\begin{tabular}{ c c c c c } \hline & & Maximum Reactions (lbs) \\ \hline & & Gravity & Non-Gravity \\ \hline & & Loc R+ /R- /Rh /Rw /U /RL \\ \hline & & G & 639 /- /- /374 /11 /131 \\ \hline & & 515 /- /- /290 /1 /- \\ \hline & & Wind reactions based on MWFRS \\ \hline & & & G & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & & & Brg Wid = 3.5 & Min Req = 1.5 (Truss) \\ \hline & & & & & & & & & & \\ \hline & & & & & &$
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Wind Wind loads based on member design. End verticals not expo	; MWFRS osed to v	S with additional C wind pressure.	&C			Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - G 183 -608 C - F 577 0 B - F 539 0 D - E 104 -496 F - D 510 0 0 0 0
Additional Notes The overall height of th 5-10-0.	his truss	s excluding overha	ang is			
				COA#0-278 Florida Certifi 11/08/202	No 70773 STATE OF CONDACTION STATE OF CONTONICAL CONTINUE STATE OF	1999
IMPORTA Trusses require extrem Component Safety Info bracing per BCSI. Unle attached rigid ceiling	**WAF NT f ormation ess note	XNING** READ , FURNISH THIS D in fabricating, han I, by TPI and SBC d otherwise, top c is shown for permi	AND FO RAWINO dling, shi A) for sa hord sha anent lat	LLOW ALL NOTES ON THIS DI 3 TO ALL CONTRACTORS INC pping, installing and bracing. R fety practices prior to performing and the 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 lateral restraint (CLR)	n of BCSI (Building provide temporary fall have a property installed with

attached rigid celling. 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



SEQN: 650776	COMN	Ply: 1	Job Nu	nber: 24-1909B			Cust: R 215 JRef: 1Y4R2150004 T21
FROM: RFG		Qty: 2	MOWR	r Andre Ad			DrwNo: 312.24.1148.08017
			Truss L	adei: A4			KD / FV 11/07/2024
						- -	
					=4X4		
		510'		10	C C	6./	
		- 2'3"10		В			
		<u>+</u> <u>+</u> <u>+</u>	0"7 - A	К Щ 12X4			,
				E IANA	- 11'11"	\	
			 - − 1'6	"8 - 4 6 '1"4	++1 ++ 404 7'1"4 + 11'7"8	- 3"8	
	Wind	Critoria		Snow Critoria (De Die DOC)	1 Dofl/CSI Critoria	A Maximum P	eactions (lbs)
TCLL: 20.00	Wind S	Std: ASCE 7-22		Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	/ Non-Gravity
TCDL: 10.00	Speed	: 130 mph		Pf: NA Ce: NA	VERT(LL): 0.162 F 885 360	Loc R+ /R-	/Rh /Rw /U /RL
BCLL: 0.00 BCDL: 10.00	Risk C	ategory: II		Lu: NA Cs: NA	VERT(CL): 0.313 F 457 240	K 631 /-	/- /378 /10 /131 /- /297 /- /-
Des Ld: 40.00	EXP: E	Kzt: NA			HORZ(TL): 0.467 E	Wind reactions	based on MWFRS
NCBCLL: 10.00	TCDL:	5.0 psf		Building Code:	Creep Factor: 2.0	K Brg Wid =	3.5 Min Req = 1.5 (Truss) 3.5 Min Reg = 1.5 (Truss)
Soffit: 2.00	BCDL:	5.0 psf	to h/2	TPI Std: 2014	Max IC CSI: 0.605 Max BC CSI: 0.452	Bearings K & E	are a rigid surface.
Spacing: 24.0 "	C&C D	ist a: 3.00 ft	10 11/2	Rep Fac: Yes	Max Web CSI: 0.616	Members not li	sted have forces less than 375# Chord Forces Per Plv (lbs)
	Loc. fro	om endwall: not in	4.50 ft	FT/RT:20(0)/10(0)	Chords Tens.	Comp. Chords Tens. Comp.	
	Wind D	Duration: 1.60		WAVE	VIEW Ver: 23.02.04.0123.14	B-C 85	-521 C-D 62 -746
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2;	;					Maximum Wel	b Forces Per Ply (lbs) Comp. Webs Tens. Comp.
Webs: 2x4 SP #3; W3 Plating Notes	3 2x4 SF	РМ-31;				B - K 151	- 576 D - E 103 - 470
All plates are 3X4 exc	ept as n	oted.					
Wind Wind loads based on member design	MWFRS	S with additional C	C&C				
End verticals not expo	sed to v	vind pressure.					
wind loading based o	n both g	able and hip roor	types.				
Additional Notes The overall height of the 5-10-0.	his truss	excluding overha	ang is				
Laterally brace top cho above filler at 24" o.c., chord ends (If no rigid	ord belo , includir diaphra	w filler and botton ng a lateral brace Igm exists at that	n chord at point).				
					LERN ICENSE 90		
					No 70773		
					STATE OF		
					SSIONAL ENILI		
				Florida Certifi 11/08/202	icate of Product Approval #FL1	999	
**IMPORTA Trusses require extrem Component Safety Info	**WAF	CNING ** READ FURNISH THIS D in fabricating, han i, by TPI and SBC	AND FO RAWING dling, sh A) for sa	LLOW ALL NOTES ON THIS DI G TO ALL CONTRACTORS INC ipping, installing and bracing. R fety practices prior to performing	RAWING! LUDING THE INSTALLERS efer to and follow the latest edition these functionsInstallers shall r	of BCSI (Buildin	g
bracing per BCSI. Unle attached rigid ceiling. L diagonal bracing instal shown above and on th	ess note ocation led on the ne Joint	d otherwise, top c s shown for perma ne CLR per BCSI Details, unless n	hord sha anent lat sections oted othe	III have properly attached structu eral restraint of webs shall have B3, B7, or B10, as applicable. erwise. Refer to drawings 160A	ral sheathing and bottom chord sh continuous lateral restraint (CLR), Apply plates to each face of truss a -Z for standard plate positions. Ref	all have a proper installed with nd position as er to job's Gener	
Alpine, a division of IT	nai infori N Buildi	ination. ing Components (Group Ind	shall not be responsible for an	y deviation from this drawing, any f	ailure to build the	



SEQN: 650327 /	COMN	Ply: 1	Job Nur	mber: 24-1909B			Cust: R 215 JRef: 1	Y4R2150004 T1 /
FROM: RFG		Qty: 5	Truss L	abel: A5			DrwNo: 312.24.095 KD / DF	/0.49472 11/07/2024
					+ - 11'11" 5'11"8 III4X5	-	1	
			0*7 A	10 12 10 33X4 B 12 5 12 5 12 5	F =6X6		,	
				5'8"	5'8"	7		
			 - 1'6	5"8	-++	"8		
				3"8	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 " Lumber Top chord: 2x4 SP #2; Webs: 2x4 SP #3; Wind Wind loads based on	Wind C Wind S Speed Enclos Risk C EXP: E Mean I TCDL: BCDL: BCDL: MWFR C&C D Loc. fro Wind E	Criteria Std: ASCE 7-22 : 130 mph ure: Closed ategory: II 3 Kzt: NA Height: 15.00 ft 5.0 psf :S Parallel Dist: 0 Dist a: 3.00 ft om endwall: not in GCpi: 0.18 Duration: 1.60 S with additional (to h/2 4.50 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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.019 F 999 360 VERT(CL): 0.040 F 999 240 HORZ(LL): 0.016 D - HORZ(TL): 0.035 D - Creep Factor: 2.0 Max TC CSI: 0.462 Max BC CSI: 0.312 Max Web CSI: 0.220	$\begin{tabular}{ c c c c } \hline & Maximum F & Gravit \\ \hline &$	teactions (lbs) y N - / Rh / Rw - / Rh / Rw - / AR / 374 /- / 290 s based on MWFRS s based on MWFRS 3.5 Min Req = 1 1 = 3.5 Min Req = 1 E are a rigid surface 1 E are a rigid surface Isted have forces leave p Chord Forces Pee Ocomp. Chords 5 - 862 C - D eb Forces Per Ply (I .Comp. Webs 3 - 608 F - D 3 - 608 F - D 9 0 D - E 7 0	Von-Gravity / U / RL /11 /131 /1 /- ; .5 (Truss) .5 (Truss)
member design. End verticals not expo Wind loading based o Additional Notes	osed to v n both g	vind pressure. jable and hip roof	types.					
The overall height of the 5-10-0.	his truss	s excluding overha	ang is					
	₩Α	RNING, READ	AND.FO	COA#0-278 Florida Certific 11/08/2022	No 70773 STATE OF CORIDA CORID	999		
IMPORTA Trusses require extrem Component Safety Info bracing per BCSI. Unle attached rigid colling.	NT I be care ormation ess note	FURNISH THIS D in fabricating, han i, by TPI and SBC d otherwise, top c schewe for port	RAWING dling, sh A) for sa hord sha	G TO ALL CONTRACTORS INC ipping, installing and bracing. R fety practices prior to performing and rootraint of works and brack produced to the state of the state	LUDING THE INSTALLERS lefer to and follow the latest edition these functions. Installers shall p ral sheathing and bottom chord sha continuous lateral restraint (CLP)	of BCSI (Buildin provide temporar all have a prope	ng ry riy	

attached rigid ceiling 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 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 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: 650335 /	GABL	Ply: 1		Job Nun	ber: 24-	1909B				Cust: R 21	5 JRef:1Y4R2150004 T4 /				
FROM: RFG		Qty: 1		MOWRY Truss La	ibel: A5F	Ē			Drwno: 312.24.0950.49754 KD / DF 11/07/2024						
				Truss La	Del: ASE	<u>-</u>					F 11/07/2024				
					<mark>- 1'9'</mark> 1'9'	<u>12 5'11"8</u> 12 4'1"12	<u> </u>	= = 11'11" 1'9"12 =							
					 1'1	- 1'4" - (TYP) 1"8 =4)	4								
			Ī						Ţ						
			5'5"7		10	₩2X4(^^) 7 #3X4 D		4(**) X4							
			Ĩ	т	SC1			SC2	<u>م</u>						
			Ŧ	10*7 A	II2X10(E3) =5X5(E3)		x6 =4X6 =4X6 ≈3X	M 12X10(E3) 14 =5X5(E3)	⊤ —⊕ _a						
					┝	11'	11"								
				 − 1	'6"8 = 2'1 2' ²	1"4 7'8 1"4 • • 9'9	"8 - "12	= <u>2'1"4</u> 11'11" =							
				 -	(NNL) 3'6"8	- -		(NNL) 3'6"8							
Loading Criteria (psf)	Wind (Criteria			Snow C	riteria (Pg,Pf in PSF)	Defl/CSI Criteria	a	▲ Maximum R	eactions	(lbs), or *=PLF				
TCLL: 20.00	Wind Spood	Std: ASCI	E 7-22		Pg: NA	Ct: NA CAT: NA	PP Deflection in	loc L/defl L/#	Gravity	y /Rh	Non-Gravity / Rw / U / RI				
BCLL: 0.00	Enclos	sure: Close	d		PT: NA Lu: NA	Ce: NA Cs: NA	VERT(LL): 0.0	01 G 999 360 01 H 999 240	L* 134 /-	/-	/60 /13 /14				
BCDL: 10.00	Risk C	ategory: II	`		Snow Du	uration: NA	HORZ(LL): -0.0	02 B	Wind reactions	based on	MWFRS				
Des Ld: 40.00	Mean	Height: 15.	.00 ft		Building	Code:	-HORZ(TL): 0.0	02 B	L Brg Wid = Bearing B is a	143 Min rigid surfa	. Req = - ce.				
Soffit: 2.00	TCDL:	5.0 psf			FBC 8th	Ed. 2023 Res.	Max TC CSI:	0.278	Members not li	isted have	forces less than 375#				
Load Duration: 1.25	MWFF	≀S Parallel	Dist: 0 t	o h/2	TPI Std:	2014	Max BC CSI:	0.027							
Spacing: 24.0 "	C&C D)ist a: 3.00	ft II: Anv		FT/RT·2	: Varies by Ld Case	Max Web CSI:	0.559							
	200.11	GCpi: 0.1	18		Plate Ty	pe(s):			_						
	Wind I	Juration: 1.	.60		WAVE		VIEW Ver: 23.02	2.04.0123.14							
Lumber Top chord: 2x4 SP #2					Add	itional Notes	ace shall be reinfo	rced with							
Bot chord: 2x4 SP #2;	,				shea	athing and the wind pr	essures shall be t	ransferred							
Stack Chord: SC1 2x4	1 SP #2	;			into diap	lateral diaphragms. Co hragms is the respons	bility of the Buildi	esigns for ng							
Stack Chord: SC2 2x4	I SP #2:	;			Desi	igner in accordance w	ith ANSI/TPI 1								
Plating Notes					Stac	ked top chord must No (NNL). Dropped top c	DI be notched or hord braced at 24	cut in " oc							
All plates are 2X4 exc	ept as n	noted.			inter	vals. Attach stacked to	p chord (SC) to d	ropped tes 24"							
scaled plate (s) require s	special Is for sp	positioning pecial positi	i. Refer 1 ioning	10	oc. (Center plate on stacker	d/dropped chord in	nterface,							
requirements.	-	-	-		chor	d in notchable area us	ing 3x6.	plice top							
Loading					The	overall height of this tr	uss excluding ove	erhang is							
Truss designed to sup	port 1-0)-0 top cho ed 7 00 PS	rd outlo SE one fa	okers ace	0-0-7	7.									
and 24.0" span oppos	ite face	. Top chore	d must n	ot be											
cut or notched, unless	specifie	ed otherwis	se.												
Purlins								111/1							
24" oc.	nels use	Purins to	brace I	C @			IIINANDO	VINIII							
Wind							CEN	SE SO							
Wind loads based on	MWFR	S with addi	tional C	&C			No 707	73							
member design.							* *	~ E							
Wind loading based o	n both c	mind pressi able and h	ure. nip roof t	vpes			STATE	OF US							
Gable meets L/120 de	flection	criteria for	wind lo	ad		St.	AN FLOR	IDA A							
applied to face. Calcu	ilated de	eflection ra	tio is L/9	999.			SIONA	ENIII							
						COA#0-278	finate of Dubbly		1000						
						11/08/20)24	r Approval #FL	1777						
	WAI	RNING FURNISH	READ A	AND FOL	LOW AL	L NOTES ON THIS D	RAWING!	STALLERS							
Trusses require extrem	ie care ormatior	in fabricatii	ng, hand nd SBC/	lling, shi A) for saf	oping, ins	stalling and bracing. Fices prior to performing	Refer to and follow these functions.	the latest edition Installers shall r	of BCSI (Buildin	ng X					
attached rigid ceiling. L	ss note	a otherwise	e, top cl	nord sha inent late	i nave pr	operly attached structu aint of webs shall have	iral sheathing and continuous latera	l pottom chord sh I restraint (CLR),	all have a proper	ту					
shown above and on th	neu on ti	Details, u	nless no	oted othe	ээ, в7, о rwise. F	Refer to drawings 160A	-Z for standard pl	ate positions. Ref	fer to job's Gener	ral					



SEQN: 650329 /	GABL	Ply: 1	Job Number: 24-1909B				Cust: R 215 JRef: 1Y4R2150004 T11 /
FROM: RFG		Qty: 1	MOWRY				DrwNo: 312.24.0950.50633
			Truss Label: A6E				KD / DF 11/07/2024
			<mark>= 1′9°12</mark> = =	5'11"8 4'1"12	-+		
			וי + (TY +- 1'11"8 −	" ← P) =	≡4X4		
		Ţ		/		Ţ	
		5'5"7	12 10 30 501			ຍ. ເ	
		Ļ					
			[™] =5X5(E3)	≡4X6 ≡4X6 ≡	≡4X6 ≡4X6 ≡4X6 ≋3X4 ≡5X5(E3)	Ŧ	
			2'1"4		7/8"8 2'1"4		
			+ 1'6"8 + 2'1"4		9'9"12 = - 21'4 = 11'11"		
			(NNL) →→→ 3'6"8 →→→		(NNL) + 1' +		
Loading Criteria (psf)	Wind (Criteria	Snow Criteria (F	a Pf in PSF)	Defl/CSI Criteria	▲ Maximum R	eactions (lbs). or *=PLF
TCLL: 20.00	Wind S	Std: ASCE 7-22	Pg: NA Ct: NA	CAT: NA	PP Deflection in loc L/defl L/#	Gravity	/ Non-Gravity
BCLL: 0.00	Enclos	ure: Closed	Lu: NA Cs: NA	Ce: NA	VERT(LL): 0.001 K 999 360 VERT(CL): 0.003 K 999 240	L* 124 /-	/- /58 /9 /12
BCDL: 10.00	Risk C EXP: E	ategory: II 3 Kzt: NA	Snow Duration: N	A	HORZ(LL): -0.002 B	Wind reactions	based on MWFRS
Des Ld: 40.00 NCBCLL: 10.00	Mean I	Height: 15.00 ft	Building Code:		Creep Factor: 2.0	Bearing B is a	rigid surface.
Soffit: 2.00	BCDL:	5.0 psf	FBC 8th Ed. 2023	Res.	Max TC CSI: 0.278	Members not li	sted have forces less than 375#
Load Duration: 1.25 Spacing: 24.0 "	MWFR C&C E	(S Parallel Dist: 0) St a: 3.00 ft	Rep Fac: Varies b	y Ld Case	Max Web CSI: 0.558		
	Loc. fr	om endwall: Any	FT/RT:20(0)/10(0)	1			
	Wind [Juration: 1.60	WAVE		VIEW Ver: 23.02.04.0123.14		
Lumber				otes	an aball be reinforced with		
Bot chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 Stack Chord: SC2 2x4	SP #2;		Exposed point sheathing and into lateral dia diaphragms is Designer in a	I the wind pre phragms. Cor the responsil	ace shall be transferred essures shall be transferred nnections and designs for bility of the Building th ANS/I/TPI 1		
Plating Notes	···-,	'	Stacked top c	hord must NC	OT be notched or cut in		
All plates are 2X4 exce	ept as n	ioted.	area (NNL). D intervals. Atta	ch stacked to	hord braced at 24" oc p chord (SC) to dropped		
(**) 1 plate(s) require s scaled plate plot detail requirements.	special Is for sp	positioning. Refer ecial positioning	to top chord in n oc. Center pla plate length p chord in notch	otchable area ite on stacked erpendicular t nable area usi	a using 3x4 tie-plates 24" d/dropped chord interface, to chord length. Splice top ing 3x6.		
Loading)-0 top chord out	The overall he 5-5-7.	ight of this tru	uss excluding overhang is		
and cladding load not and 24.0" span opposi cut or notched, unless	to exce ite face. specifi	ed 7.00 PSF one f . Top chord must r ed otherwise.	face not be				
Purlins							
In lieu of structural par 24" oc.	iels use	purlins to brace	ГС @		ICENSE SO		
Wind		o wa 1199 17			No 70773		
member design.	MWFR	5 with additional C	280		* * x		
End verticals not expo	sed to v	vind pressure.	t/D00		STATE OF		
Gable meets L/120 de	flection	criteria for wind k	bad		FLORIDA O		
applied to face. Calcu	lated de	eflection ratio is L/	999. (COA#0-278 Florida Certii 11/08/20	ficate of Product Approval #FL1	.999	
	**\&/ & '						
IMPORTA	NT	FURNISH THIS D in fabricating, har	RAWING TO ALL CONTRA	CTORS INC	LUDING THE INSTALLERS	of BCSI (Buildin	ıg
Component Safety Info bracing per BCSI. Unle attached rigid ceiling	rmation ss note ocation	i, by TPI and SBC d otherwise, top c is shown for perm	A) for safety practices prior hord shall have properly att anent lateral restraint of we	to performing ached structu os shall have	rnese runctions. Installers shall p iral sheathing and bottom chord sha continuous lateral restraint (CI R)	rovide temporary all have a proper installed with	íy 🔺
diagonal bracing install shown above and on the Notes page for addition	ed on the Joint	ne CLR per BCSI Details, unless n	sections B3, B7, or B10, as oted otherwise. Refer to di	applicable A rawings 160A	Apply plates to each face of truss a -Z for standard plate positions. Ref	nd position as er to job's Gener	





















SEQN: 650408 / G	GABL	Ply: 1	Job Number: 24-1909B	Cust	R 21	5 JF	Ref: 1Y4R2150004	T8 / [·]	
FROM: RFG		Qty: 1	MOWRY	DrwNo: 312.24.0950.50241					
Page 2 of 2			Truss Label: C1E	KD	/ [ЭF	11/07/2024		
Additional Notes									

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

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

The overall height of this truss excluding overhang is 10-5-7.



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: 650793	ATIC	Ply:	1	Job Nu	mber: 24-'	1909B					Cust: R 2	15 JRef:1Y	(4R215000/	4 T10 [·]
FROM: RFG		Qty:	4	MOWR	r ahali C2						DrwNo:	312.24.114	8.16087	4
				Truss L	abel: C2						KD /	FV	11/07/202	4
				01010		4414480	001450		001447					
			┝	3'6"6		8'5"2	8'5"2	, 	3'6"6					
						=5	X6							
		т				2	X4 E ♠				Ŧ			
		Ī				J.					Ī			
						≡2X4	≡2X4							
						Ⅲ2X10								
					12	с ^{Т1} В2	0	2X10 \G						
		 5 T		10				\mathbb{R} .						
		- 10'1						H 42X4			1.10"3			
		 			[©] 2X4		, , ,	\\ \			Ì			
		- 5'5			\times		0'		\mathbf{X}					
									//	× 1				
		±	To 7			↘┫				× N				
		1				M	_	L	_ •	F	<u></u> −• ♦ ,			
			≡4X5(I	81)		≡5X6 ≡7X6		5X5	≡4.	х6(В1) 🗸	1			
			Ł			23'1	0"15			-1				
			⊢		6'8")'7"	6'8"	_	1'6"8				
					6'8"	1	7'3" 	23'11						
Loading Criteria (psf)	Wind	Criteria			Snow C	iteria (Pg,Pf in PSF)	Defl/CSI Criteria	1	▲ M a	aximum I	Reactions	i (lbs)		. ,
TCLL: 20.00	Wind Speed	Std: A	SCE 7-22		Pg: NA	Ct: NA CAT: NA	PP Deflection in	loc L/defl L/#	Loc	R+ /R	τy ≿- /Rh	∖ /Rw	ion-Gravii / U	ty /RL
BCLL: 0.00	Enclos	sure: Cl	losed		Lu: NA	Cs: NA	VERT(CL): 0.30	09 N 923 240) <u> </u>	1748 /-	/-	/584	/6	/232
BCDL: 10.00	Risk C	ategory	y: II		Snow Du	ration: NA	HORZ(LL): 0.09	99 C	Q ·	1888 /-	, /-	/673	/17	/-
Des Ld: 40.00	Mean	B KZC Heiaht:	: NA : 15.00 ft				HORZ(TL): 0.23	34C	Wind	d reaction	s based o	n MWFRS		
NCBCLL: 10.00	TCDL:	5.0 ps	f		Building	Code: Ed. 2022 Ros	Creep Factor: 2.0	0	Q	Brg Wid : Brg Wid :	= 3.4 IVII = 3.5 Mi	n Req = 1. in Req = 1.	.5 (Truss) .6 (Truss)	
Somit: 2.00	BCDL:	: 5.0 ps	if Illol Dict: h	/2 to b	TPI Std:	2014	Max BC CSI: (0.424	Bear	ings P &	Q are a rig	jid surface	•	
Spacing: 24.0 "	C&C E	Dist a: 3	3.00 ft	/2 10 11	Rep Fac	Yes	Max Web CSI: 0	0.500	Mem	ibers not	listed have	e forces les	ss than 37 Ply (lbs)	75# \
	Loc. fr	om enc	dwall: not i	n 9.00 ft	FT/RT:20	0(0)/10(0)			Chor	ds Tens	Comp.	Chords	Tens. C	, Comp.
	Wind [GCpi Duratio	i: 0.18 n: 1.60			be(s):	VIEW Ver: 23.02	04 0123 14	A - E	3 5	6 - 2544	G-H	70	- 2273
Lumber	Wind I	Bulation	11. 1.00		WAVE		VIEW VCI. 20.02		⊿ в - с	7	2 - 2358	H-I	51	- 2317
Top chord: 2x6 SP #2	; T1 2x6	6 SP 24	400f-2.0E;						C-L F-G) 11 5 11:	1 - 1497 2 - 1517	I - J	52	- 2491
Bot chord: 2x8 SP 240	00f-2.0E	E; B2 2)	x4 SP #2;											
Webs. 2x4 SF #3,									Maxi	imum Bo	t Chord F	orces Per	Ply (lbs)	2
									Choi	as rens	.Comp.	Chords	Tens. C	comp.
40 PSF. Dead Load: 1	n 6-11- 0 PSF	8 to 16- Ceiling	-11-8: Live : 10 PSF,	e Load:					A - N	l 188 / 156	8 - 10 6 0	M - L	1566 1810	0
Kneewalls: 10 PSF		0							IN - N	1 100	0 0	L-3	1013	Ū
Purlins									Maxi	imum We	eb Forces	Per Ply (l	bs)	
Collar-tie braced with	continue	ous late	eral bracin	g at 24"					Web	s Tens	Comp.	Webs	Tens. C	Comp.
oc. or rigid ceiling.									B-N	I 9	9 - 466	0-F	128	- 1736
Wind									D-0) 112) 12	9 0 8-1736	L-G	1058	0
Wind loads based on	MWFR	S with a	additional	C&C										
Wind loading based o	n both c	nable a	nd hip root	f types.										
				71										
Additional Notes	hie true	e ovelu	ding overh	ana is				11/1/						
10-10-0.		S EXClu	ung overn	iany is			ILANANDO	VINA						
							CENS	E. 0						
							No 7077	'3 ;★Ξ						
							* *	e E						
							STATE C	OF HE						
						St.	ON FLORIS	E E A						
							SSICORI	ENGIN						
						COA#0-278		inin''						
						Florida Certif 11/08/202	icate of Product'.	Approval #FL	1999					
	**WA	RNING	** READ	AND FO		LNOTES ON THIS D								
IMPORTA	NT	rURNI in fabri	SH THIS [cating, ha	JRAWIN ngling, sh	ipping, ins	CONTRACTORS INC talling and bracing.	LUDING THE INS Refer to and follow	the latest edition	n of BC	ŞI (Buildi	ng			
bracing per BCSI. Unle	ess note	ed other	rwise, top	chord sha	all have pr	operly attached structu	ral sheathing and	bottom chord sl	nall hav	e a prope	erly			
diagonal bracing instal	led on t	he CLR	R per BCS	sections	B3, B7, o	r B10, as applicable.	Apply plates to eac	ch face of truss	and pos	sition as	val			<u> </u>
Notes page for addition	nal infor	mation	s, uniess i		erwise. R	erer to drawings 160A	-z ioi standaro pla	ate positions. Re	nei 10 j0	n s Gene	ndi	AL	_PI1	NE



SEQN: 650384 /	ATIC	Ply: 1	Job Nu	mber: 24-1909B			Cust: R 215 JRef: 1	Y4R2150004 T22 /
FROM: RFG		Qty: 2	MOWR	Y			DrwNo: 312.24.095	0.50853
			Truss L	abel: C2A			KD / DF	11/07/2024
		 - -	3'6"6		<u> </u>	23'11"		
			300	052	052	300		
				=6X 2X	6 4			
		Ŧ					Ŧ	
				≡3X4 D	=3X4 F			
					1 3 1 3 1 1			
				12 II3X10 B3	G			
		¦ T	10		Neve			
		- 10,1			H #2X4		1.10	
		 ອ		*2X4 B	ř		È	
		- 5'5'						
						ТЗ		
						7.		
							- •	
		=5X6(B	31)	$\equiv 7X6 \equiv 7X6$	=7×6	≡6X6(B1)	<u> </u>	
		1				1		
		r.		231	11-			
		⊢ -	(6'8" - - 10" 6'8" - - 17"	7" 6'8" 3" 23'11"	-+- ^{1'6"8} -		
Loading Criteria (psf)	Wind (Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	A Maximum R	eactions (lbs)	lon-Gravity
TCDL: 20.00	Speed	130 mph		PG: NA CE: NA CAT: NA	VERT(II): 0.173 N 999 360	Loc R+ /R	, /Rh /Rw	/U /RL
BCLL: 0.00	Enclos	sure: Closed		Lu: NA Cs: NA	VERT(CL): 0.404 N 701 240	P 2638 /-	/- /882	/9 /348
BCDL: 10.00	Risk C	ategory: II		Snow Duration: NA	HORZ(LL): 0.125 C	Q 2816 /-	/- /100	6 /26 /-
Des Ld: 40.00	EXP: E	3 Kzt: NA			HORZ(TL): 0.302 C	Wind reactions	s based on MWFRS	;
NCBCLL: 10.00	TCDL:	: 5.0 psf		Building Code:	Creep Factor: 2.0	P Brg Wid =	3.5 Min Req = 2	.2 (Truss)
Soffit: 2.00	BCDL:	5.0 psf		FBC 8th Ed. 2023 Res.	Max TC CSI: 0.871	Bearings P & 0	2 are a rigid surface	.5 (11055)
Load Duration: 1.25	MWFF	RS Parallel Dist: h	/2 to h	IPI Std: 2014 Ren Fac: No	Max BC CSI: 0.706 Max Web CSI: 0.715	Members not I	isted have forces le	ss than 375#
Spacing: 36.0	C&C L	Dist a: 3.00 ft com endwall: not ii	13 00 ft	FT/RT:20(0)/10(0)	Max Web 661. 0.715	Maximum Top	Chord Forces Pe	r Ply (lbs)
	200. 11	GCpi: 0.18	1 10.00 1	Plate Type(s):		Choras Tens.	Comp. Cnoras	Tens. Comp.
	Wind [Duration: 1.60		WAVE	VIEW Ver: 23.02.04.0123.14	A-B 84	-3738 G-H	104 - 3377
Lumber						C-D 167	7-2242 I-J	78 - 3710
Top chord: 2x6 SP 24	00f-2.0l	E; T3 2x6 SP #2;				F-G 168	3 - 2249	
Webs: 2x4 SP #3:	JUT-2.0E	; B3 2x4 SP #2;						
,						Maximum Bot	t Chord Forces Pe	r Ply (lbs)
Loading	- 6 44	9 to 46 44 9. Live	Lood					
40 PSF. Dead Load: 1	0 PSF	Ceiling: 10 PSF,	Load:			A-N 2737	7 -23 M-L	2330 0 2697 0
Kneewalls: 10 PSF		0 /				N-W 2000	0 L-J	2037 0
Purlins						Maximum We	b Forces Per Ply (ibs)
In lieu of structural par	nels use	e purlins to brace	TC @			Webs Tens.	Comp. Webs	Tens. Comp.
24" oc.		•				B - N 148	8-597 O-F	192 - 2584
Collar-tie braced with	continu	ous lateral bracing	g at 24"			C - N 1600) 0 L-G	1575 0
00.						D-O 192	22584 L-I ∖ -22	126 - 541
Wind							· ••	
Wind loads based on I	MWFR	S with additional (C&C					
Wind loading based -	n hath -	rable and him re-4	tures		MIMMIN,			
	n both (Janie and tilp 1001	types.		IN ANDO VILL			
Additional Notes					LA CENSE 90			
The overall height of the	his truss	s excluding overh	ang is					
10-10-0.					No 70773			
					* &			
					STATE OF			
				SAX 1	On FLOODA			
					SCIENC			
				COA#0-278	UNAL MIN			
				Florida Certific	ate of Product Approval #FL19	99		
				11/08/2024	+			
	WAI	RNING READ FURNISH THIS [AND FO	G TO ALL NOTES ON THIS DR	RAWING! LUDING THE INSTALLERS			
Trusses require extrem	ie care	in fabricating, har	ndling, sh CA) for sa	hipping, installing and bracing. Reader to performing	efer to and follow the latest edition these functions. Installers shall n	of BCSI (Buildir	ng V	
bracing per BCSI. Unle	ess note	ed otherwise, top	chord sha anent lat	all have properly attached structur teral restraint of webs shall have of	ral sheathing and bottom chord sha continuous lateral restraint (CLR)	all have a proper nstalled with	fly	
diagonal bracing instal	led on t	he CLR per BCSI	sections	B3, B7, or B10, as applicable. A erwise. Refer to drawings 1604-	pply plates to each face of truss a	nd position as	ral	
Notes page for addition	nal infor	mation						



SEQN: 650783	ATIC	Ply: 1	Job Nur	nber: 24-1909B			Cust: R 215 JRef:	1Y4R2150004 T12 [·]
FROM: RFG		Qty: 2	MOWR	/			DrwNo: 312.24.11	48.20460
			Truss L	adel: C3			KD / FV	11/07/2024
			01070		20142			
		⊢ -	3'6"6	-+	- 204*9	3'6"6		
				=5	X6			
		Ŧ		2] E	x4 E N		Ŧ	
		Ī		A			Ī	
				≡3X4	=3X4			
				12 ^{III3X8} B3 ^O	D 2X10 G			
		 5 T	10					
		- 10'1			H #2X4		1.10"3	
		 စာ		B	ř.		Ī	
		1 22		× 1				
		Δ.				ТЗ		
			<u> </u>					
			91)				− ⊕ ^a	
		=576(5	51)	=5x0=H0010	=570	=3X8(A1)	1	
		¥		17'11"12	 5'11"4	·		
		- -	6	"8" <u>10</u>	17" <u>6'8"</u>	-l- ^{1'6"8} -		
	-		e	'8" ' 17				
Loading Criteria (psf)	Wind	Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum R	Reactions (Ibs)	
TCLL: 20.00	Wind Speed	Std: ASCE 7-22		Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R+ /R	.y - /Rh /R'	w /U /RL
BCLL: 0.00	Enclos	sure: Closed		Lu: NA Cs: NA	VERT(LL): 0.236 N 908 300 VERT(CL): 0.481 N 444 240	P 2411 /-	/- /87	9 /- /348
BCDL: 10.00	Risk C	Category: II		Snow Duration: NA	HORZ(LL): 0.181 C	Q 1131 /-	/- /50	1 /168 /-
Des Ld: 40.00	Mean	B KZT: NA Height: 15.00 ft			HORZ(TL): 0.373 C	R 2118 /-	/- /85	6 /- /-
NCBCLL: 10.00	TCDL:	: 5.0 psf		Building Code:	Creep Factor: 2.0	P Brg Wid =	:3.5 Min Reg =	S 2.0 (Truss)
Soffit: 2.00	BCDL:	: 5.0 psf	to 2h	TPI Std: 2014	Max BC CSI: 0.699	Q Brg Wid =	3.5 Min Req =	1.5 (Truss)
Spacing: 36.0 "	C&C E	Dist a: 3.00 ft	10 211	Rep Fac: No	Max Web CSI: 0.630	R Brg Wid = Bearings P Q	:3.5 Min Req = & R are a rigid su	1.8 (Truss) rface
	Loc. fr	rom endwall: not in	n 13.00 ft	FT/RT:20(0)/10(0)		Members not I	isted have forces l	ess than 375#
	Wind [GCpi: 0.18		Plate Type(s):	VIEW Ver: 23.02.04.0123.14	Maximum Top	p Chord Forces P	er Ply (lbs)
Lumber				IWAVE, HS	VIEW VCI. 20.02.04.0120.14			rens. comp.
Top chord: 2x6 SP 24	00f-2.0l	E; T3 2x6 SP #2;				A-B 73 B-C 97	3-3259 G-H 7-2984 H-I	88 - 2688 61 - 2761
Bot chord: 2x8 SP 240	00f-2.0E	E; B3 2x4 SP #2;				C-D 159	9 - 1890 I - J	61 - 2991
Webs: 2x4 SP #3;						F-G 163	3 - 2000	
Loading						Maximum Bo	t Chord Forces P	er Plv (lbs)
40 PSF. Dead Load: 1	m 6-11-6 10 PSF	8 to 16-11-8: Live Ceilina: 10 PSF.	Load:			Chords Tens	Comp. Chords	Tens. Comp.
Kneewalls: 10 PSF		g,				A - N 2395	5-141 M-L	1939 - 89
Purlins						N - M 1939)-89 L-J	4257 - 122
In lieu of structural par	nels use	e purlins to brace	TC @			Maximum Wo	h Forces Bor Ply	(lbc)
24" oc.						Webs Tens	.Comp. Webs	Tens. Comp.
OC.	continue	ous lateral bracing	g at 24"			B - N 149	9-639 O-F	180 - 2067
Wind						C - N 1385	5 0 L-G	1150 - 141
Wind loads based on	MWFR	S with additional (C&C			D-O 180) - 2067	
member design.								
Wind loading based o	n both g	gable and hip roof	types.					
Additional Notes					RNANCEN			
The overall height of t	his trus	s excluding overh	ang is		W. LICENSE ST			
10-10-0.					No 70773			
					*			
					STATE OF			
				Strain 1	A. FLORIDA			
					SSIONAL EN			
				COA#0-278				
				Florida Certifi 11/08/202	cate of Product Approval #FL19	199		
	WA	RNING READ	AND FO	LLOW ALL NOTES ON THIS DI	RAWING!			
IMPORTA	ANT ne care	FURNISH THIS D in fabricating, har	DRAWING	TO ALL CONTRACTORS INC pping, installing and bracing. R	LUDING THE INSTALLERS tefer to and follow the latest edition	of BCSI (Buildir	ng	
Component Safety Info	ormation	n, by TPI and SBC	A) for sa	rety practices prior to performing Il have properly attached structu	ral sheathing and bottom chord shall p	rovide temporar all have a prope	y rly	
diagonal bracing instal	led on t	the CLR per BCSI	sections	B3, B7, or B10, as applicable.	continuous lateral restraint (CLR), Apply plates to each face of truss a	nstalled with		
Notes page for addition	ne Joint	i Details, unless n mation.	IUTED OTHE	erwise. Refer to drawings 160A	-2 ior standard plate positions. Ref	ei to job's Gene		LPINE



SEQN: 650393 / 0	COMN	Ply: 1	Job Nur	nber: 24-1909B			Cust: R 215 JRef: 1Y4R2150004 T23
FROM: RFG		Qty: 7		/ abel: C4			DrwNo: 312.24.0950.49957
			10 (4(**)) B AXS	$ \begin{array}{c} $	189'8 $23'1''6'10'$ $5'1'86'10'$ $5'1'86'10'$ $5'1'86'10'$ $5'1'86'10'$ $5'1'86'10'$ $5'1'86'10'$ $5'1'810'$ $10'$		<u>−</u> ⊕ ⁹
		1'6"8	-	6'8"4 6'8"4	5'1"8 5'1"8 		
		2	3"8 3"8	611 12 138	1898 2311		
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	Wind C Wind S Speed: Enclose Risk Ca EXP: B Mean I TCDL: BCDL:	>riteria Std: ASCE 7-22 : 130 mph ure: Closed ategory: II } Kzt: NA Height: -B:0 psf 5.0 psf		Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res.	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.085 E 999 360 VERT(CL): 0.180 E 999 240 HORZ(LL): 0.064 J - - HORZ(TL): 0.137 J - - Creep Factor: 2.0 Max TC CSI: 0.475	▲ Maximum R Gravity Loc R+ / R N 1155 /- J 1145 /- Wind reactions N Brg Wid = J Brg Wid = Bearings N &	Actions (lbs) Non-Gravity y Non-Gravity - /Rh /Rw /U /RL /- /674 /13 /250 /- /671 /15 /- s based on MWFRS -
Load Duration: 1.25 Spacing: 24.0 "	MWFR C&C D Loc. fro	S Parallel Dist: 0 list a: 3.00 ft om endwall: Any	to h/2	TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Max BC CSI: 0.656 Max Web CSI: 0.936	Members not li Maximum Top Chords, Tens	isted have forces less than 375# c Chord Forces Per Ply (lbs) Comp Chords Tens Comp
	Wind F	GCpi: 0.18		Plate Type(s):	V/IEW/ V/or: 22.02.04.0122.14	C-D 72	2 - 1977 F - G 206 - 1005
Lumber	wind D			IWAVE	VIEW Ver. 23.02.04.0123.14	D-E 92	2 - 1934 G - H 131 - 1268
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Plating Notes (**) 1 plate(s) require s scaled plate plot detail requirements. Wind loads based on N member design. End verticals not expo: Wind loading based or Additional Notes The overall height of th 10-10-0.	pecial p s for spo MWFRS sed to w both g his truss	positioning. Refer ecial positioning with additional C vind pressure. Jable and hip roof excluding overha	to C&C types. ang is		No 70773	Maximum Bot Chords Tens. N - M 1563 M - L 728 Maximum We Webs Webs Tens. N - C 24 M - F 1503	a Chord Forces Per Ply (lbs) .Comp. Chords 3 -123 L - K 3 -13 b Forces Per Ply (lbs) .Comp. Webs Tens. Comp. b Forces Per Ply (lbs) .Comp. Webs Tens. Comp. b -1921 K - H 8 - 72 H - J 151 -1100
				COA#0-278 Florida Certifi 11/08/202	cate of Product Approval #FL19	999	
IMPORTA Trusses require extrem Component Safety Info bracing per BCSI. Unle attached rigid ceiling. L diagonal bracing install	**WAF NT F e care i rmation ss note ocation ed on th	XIING** READ URNISH THIS D in fabricating, han by TPI and SBC d otherwise, top c s shown for perm he CLR per BCSI	AND FO PRAWING Idling, shi A) for sai chord sha anent late sections	LLOW ALL NOTES ON THIS DF 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 abolicable. A	RAWING! LUDING THE INSTALLERS efer to and follow the latest edition these functions. Installers shall p ral sheathing and bottom chord sh continuous lateral restraint (CLR) upply plates to each face of truss a	of BCSI (Buildin rovide temporan all have a proper installed with nd position as	ng Y Ny

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: 650395 / 0	COMN	Ply: 1	Job Nur	mber: 24-1909B			Cust: R 215 JRef: 1Y4R2	150004 T24 /
FROM: RFG		Qty: 1	MOWRY Truss L	(abel: C4A			DrwNo: 312.24.0950.49 KD / DF 11/0)753)7/2024
FROM: RFG		Qty: 1 ⊢	MOWRY Truss Li 36*12 36*12	abel: C4A + 611*12 -+ 35* 4'11'12 + 11'112 + 0 12 83X4 0 - <	189'8 23'11" 6'10" 5'1'8		DrwNo: 312.24.0950.49 KD / DF 11/(0753 07/2024
			; 	23'11 <u>6'8'4</u> <u>6'11'12</u> <u>6'8'4</u> <u>138'</u>	=4X5 =3X4		→ \$ ^g	
Loading Criteria (psf)	Wind Wind S	Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum R Gravity	eactions (lbs)	Gravity
ICLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Speed Enclos Risk C EXP: E	i: 130 mph sure: Closed category: II B Kzt: NA		Pg: NA CI: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.085 C 999 360 VERT(CL): 0.182 C 999 240 HORZ(LL): 0.065 H - - HORZ(TL): 0.139 H - -	Loc R+ /R- L 1042 /- H 1149 /- Wind reactions	/ Rh / Rw / /- /594 /- /- /672 /- s based on MWFRS	U / RL /233 /-
NCBCLL: 10.00	TCDL:	: 5.0 psf		Building Code: EBC 8th Ed. 2023 Res	Creep Factor: 2.0	L Brg Wid = H Brg Wid =	3.5 Min Req = 1.5 (1 3.5 Min Req = 1.5 (1	Fruss) Fruss)
Load Duration: 1.25	BCDL: MWFF	: 5.0 psf RS Parallel Dist: h	to 2h	TPI Std: 2014	Max BC CSI: 0.660	Bearings L & H	l are a rigid surface.	, nan 375#
Spacing: 24.0 "	C&C D	Dist a: 3.00 ft rom endwall: not in	9 00 ft	Rep Fac: Yes FT/RT:20(0)/10(0)	Max Web CSI: 0.953	Maximum Top	Chord Forces Per Ply	y (lbs)
		GCpi: 0.18	0.00 1	Plate Type(s):		B-C 0		133 - 1010
Lumber	wina L	Juration: 1.60		WAVE	VIEW Ver: 23.02.04.0123.14	C-D 102	-2013 E-F	55 - 1273
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;	,					Maximum Bot Chords Tens.	Chord Forces Per Ply Comp. Chords Te	/ (Ibs) ens. Comp.
Plating Notes						L-K 1609 K-J 733) -122 J-I 5 -1	905 0
(**) 1 plate(s) require s scaled plate plot detail requirements.	special s for sp	positioning. Refer secial positioning	to			Maximum We Webs Tens.	b Forces Per Ply (Ibs) Comp. Webs Te	ens. Comp.
Wind Wind loads based on I	MWFR	S with additional C	:&C			L-B 0 K-D 1524	-1957 I-F	869 0 81 - 1104
member design.	and to y	wind processo				N D 1024	<i>,</i> , , , ,	01 1104
Wind loading based or	n both ç	gable and hip roof	types.					
Additional Notes The overall height of th 10-10-0.	nis truse	s excluding overha	ang is		MIIIII.			
				COA#0-278	No 70773 STATE OF			
				Florida Certif 11/08/202	icate of Product Approval #FL1	999		
*IMPORTA Trusses require extrem Component Safety Info bracing per BCSI. Unle attached rigid ceiling. L diagonal bracing install shown above and on the	**WAF NT** le care ormatior oss note ocation led on the Doint	RNING** READ, FURNISH THIS D in fabricating, han n, by TPI and SBC ad otherwise, top c is shown for permi he CLR per BCSI i Details, unless n motione	AND FO RAWIN(dling, shi A) for sa hord sha anent lat sections oted othe	LLOW ALL NOTES ON THIS DF 3 TO ALL CONTRACTORS INC ipping, installing and bracing. R fety practices prior to performing all have properly attached structu eral restraint of webs shall have B3, B7, or B10, as applicable. A erwise. Refer to drawings 160A	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 -Z for standard plate positions. Ref	of BCSI (Buildir rovide temporan all have a proper installed with nd position as er to job's Gener	ng Ty ral	



SEQN: 650404 /	GABL	Ply:	1	Job Nu	mber: 24-1909B			Cust: R 215 JRef: 1Y4R2150004 T25
FROM: RFG		Qty:	1	MOWR	Y shah Q4E			DrwNo: 312.24.0950.50382
Page 1 of 2				Truss L	Label: C4E			KD / DF 11/07/2024
				S S Tora A S S S S S S S S S		13112 1224 8 2214 8 2311 8 2311 8 2311 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1912 1 1 1912 1 1 1 1 1 1 1 1 1 1 1 1 1	sc2 № *5 -0-0-	
				L				
				1'6"8	23" 15"4 10'4"81	12'1"4	6"8	
				(NI	15"4 11'9"12 11	23'11" (NNL)	л	
				3'6	5*8	 `36*8-		
Loading Criteria (psf)	Wind	Criteria	1		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum R	eactions (lbs), or *=PLF
TCLL: 20.00	Wind S	Std: A	SCE 7-22		Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	/ Non-Gravity
ICDL: 10.00	Enclos	ure: Cl	mpn osed		Pf: NA Ce: NA	VERT(LL): 0.001 K 999 360		/ / / / / / / / / / / / / / / / / / / /
BCLL: 0.00	Risk C	ategory	/: II		Snow Duration: NA	HORZ(LL): 0.003 K 999 240	V* 141 /- Wind reactions	/- /55 /3 /12 based on MWERS
Des I d: 40.00	EXP: E	3 Kzt	NA			HORZ(TL): 0.005 N	V Brg Wid =	287 Min Reg = -
NCBCLL: 10.00	Mean	Height:	15.00 ft		Building Code:	Creep Factor: 2.0	Bearing B is a	rigid surface.
Soffit: 2.00	BCDL:	5.0 ps	f		FBC 8th Ed. 2023 Res.	Max TC CSI: 0.275	Members not li	sted have forces less than 375#
Load Duration: 1.25	MWFR	S Para	allel Dist: 0	to h/2	TPI Std: 2014	Max BC CSI: 0.035		
Spacing: 24.0 "	C&C D	ist a: 3	.00 ft		Rep Fac: Varies by Ld Case	Max Web CSI: 0.976		
	LOC. IT	om end GCni	Wall: Any		Plate Type(s) ⁻			
	Wind D	Duration	n: 1.60		WAVE	VIEW Ver: 23.02.04.0123.14		
Lumber					Gable Reinforcement			
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2 Webs: 2x4 SP #3; M9 Stack Chord: SC1 2x- Stack Chord: SC2 2x- Bracing (a) Continuous lateral member.	; 9 2x4 SP 4 SP #2; 4 SP #2; restrain	M-31; t equal	ly spaced (on	(b) 2x3 "T" reinforcement. A truss height along web mer with 10d (0.131"x3",min.) n (2)10d (0.131"x3",min.) nai (c) 1x4 "L" reinforcement. A length of web member. Atta nails @ 2" oc at each end f oc for the remainder.	Any species and grade. Full nber. Attach to the wide face ails @ 4" oc in the web plus is in each chord. Any species and grade. 80% ach with 10d (0.131"x3",min.) or the first 18" and then 4"		
Plating Notes								
All plates are 2X4 exc	ept as n	oted.						
(**) 1 plate(s) require scaled plate plot detain requirements.	special ils for sp	positior ecial p	ning. Refer ositioning	to				
Loading Truss designed to sup and cladding load not and 24.0" span oppos cut or notched, unless	oport 1-0 to exce site face specifie	0-0 top ed 7.00 . Top cl ed othe	chord outle) PSF one hord must rwise.	ookers face not be		INNANDO VIN		
Wind						1 70772		
Wind loads based on member design.	MWFR	S with a	additional (C&C	111	NO 70/13		
End verticals not expo	osed to v	wind pro	essure.			STATE OF		
Wind loading based o	n both g	jable ai	nd hip roof	types.	Sold in	ALL FLORIDA		
Gable meets L/120 de applied to face. Calcu	eflection ulated de	criteria eflectio	i for wind le n ratio is L	oad /273.	COA#0-278 Florida Certifi 11/08/202	cate of Product Approval #FL19	999	
**IMPORT/ Trusses require extrem Component Safety Information of the second bracing per BCSI. Unit attached rigid ceiling. I diagonal bracing instal shown above and on t Notes page for additio Alpine, a division of IT	**WAI	RNING FURNIS in fabrid by TF d other s show he CLR Details mation	** READ SH THIS IC cating, har PI and SBC wise, top of more BCSI s, unless n mponents (AND FC RAWIN dling, sh chord sha schord sha anent lat sections oted oth Group In	LLOW ALL NOTES ON THIS D G TO ALL CONTRACTORS INC ipping, installing and bracing. F afety practices prior to performing all have properly attached structu teral restraint of webs shall have 183, 87, or B10, as applicable. / erwise. Refer to drawings 160A c, shall not be responsible for an	RAWING! LUDING THE INSTALLERS lefer to and follow the latest editior 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	n of BCSI (Buildir provide temporan all have a proper installed with ind position as fer to job's Gener 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 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: 650404 /	GABL	Ply: 1	Job Number: 24-1909B	Cust:	R 21	I5 JR	Ref: 1Y4R2150004	T25 /
FROM: RFG		Qty: 1	MOWRY	DrwN	lo:	312.24	1.0950.50382	
Page 2 of 2			Truss Label: C4E	KD	/	DF	11/07/2024	

Additional Notes

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

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

The overall height of this truss excluding overhang is 10-5-7.



11/08/2024
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: 650785	ATIC	Ply: 1	Job Nur	mber: 24-1909B			Cust: R 215 JRef: 1Y4R2150004 T9
FROM: RFG		Qty: 3	MOWRY Truss La	abel: D1			DrwNo: 312.24.1148.26960 KD / FV 11/07/2024
			1				
		3'6"6		11'11"8	22'9"15 27'11	1"8	
		300		00 Z	10107 515	9	
				■4×6 ■2X4 E			
T T							T
				≡2X4 D = 2X4 F			
			• III:		₩2.5X6		
	-	10	7		G		
- 10'10		\$ av	.//				101
	10	B	*//		12	- 3	
	<u>م</u> ت ا			10'		≡3X4(A1)	
		A//				T3	9 2 1
1 ±	<u>1</u> 0"			0 N	₩ ML [®] K		15 - <u> </u>
		≡3X6(B1)	=	4X5 ≡6X6	≡5X6 3X4		
		<u>_</u>		23'9"4		2"4	
		6'8"		10'7"	6'6"4 4'2	2"4 <u>1'6"</u>	
		6'8"	I	1 " 17'3"	23'9"4 ^{5 3} 27'	'11"8 ⁻¹¹	
Loading Criteria (psf)	Wind (Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum R	eactions (lbs)
TCLL: 20.00	Speed	td: ASCE 7-22 : 130 mph		Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.166 O 999 360	Loc R+ /R	- /Rh /Rw /U /RL
BCLL: 0.00	Enclos	ure: Closed		Lu: NA Cs: NA	VERT(CL): 0.355 O 799 240	Q 1664 /-	/- /580 /- /208
BCDL: 10.00	EXP: E	B Kzt: NA		Snow Duration: NA	HORZ(LL): 0.123 C	K 2566 /-	/- /964 /- /- 19 /- /78 /161 /-
NCBCLL: 10.00	Mean I	Height: 15.00 ft 5.0 psf		Building Code:	Creep Factor: 2.0	Wind reactions	based on MWFRS
Soffit: 2.00	BCDL:	5.0 psf		FBC 8th Ed. 2023 Res.	Max TC CSI: 0.947	K Brg Wid =	3.5 Min Req = 1.5 (Truss) 3.5 Min Req = 1.7 (Truss)
Spacing: 24.0 "	MWFR C&C D	S Parallel Dist: h ist a: 3.00 ft	to 2h	Rep Fac: Yes	Max Web CSI: 0.685	R Brg Wid =	3.5 Min Req = 1.5 (Truss) & R are a rigid surface
	Loc. fro	om endwall: not in	n 9.00 ft	FT/RT:20(0)/10(0)		Members not I	isted have forces less than 375#
	Wind D	GCpi: 0.18 Duration: 1.60		WAVE	VIEW Ver: 23.02.04.0123.14	 Maximum Top Chords Tens. 	Chord Forces Per Ply (lbs) Comp. Chords Tens. Comp.
Lumber	1					A-B 56	-2288 F-G 109 -1398
Top chord: 2x6 SP #2 Bot chord: 2x8 SP 24(; T3 2x4	SP #2; • B2 2x4 SP #2•				B-C 71	-2108 G - H 33 -2017
Webs: 2x4 SP #3;		,,				C-D 100)-1302 FI-1 1040 -200
Loading						Maximum Bot	Chord Forces Per Ply (lbs)
Attic room loading from 40 PSF, Dead Load: 1	n 6-11-8	3 to 16-11-8: Live Ceilina: 10 PSF.	Load:				to M L 270 500
Kneewalls: 10 PSF		g,				O-N 1395	6 0 L-K 272 -585
Purlins						N - M 1395	6 0 K-I 214 - 1767
Collar-tie braced with oc. or rigid ceiling.	continuo	ous lateral bracing	g at 24"			Maximum We	b Forces Per Ply (lbs)
Wind						Webs Tens.	Comp. Webs Tens. Comp.
Wind loads based on	MWFR	6 with additional C	C&C			B-O 98 C-O 967	3 -411 M-G 763 -63 ′ 0 M-H 1747 -1
member design.	n hoth a	able and his roof	types			D-P 125	- 1545 H - L 50 - 769
	n boun g		types.			P-F 120	0-1040 H-K 00-2017
Negative reaction(s) o	f -519#	MAX from a non-	-wind		NDO W		
load case requires upl	lift conn	ection. See Maxin	num		CENSE 9		
The overall height of the	his truss	excluding overha	ang is		No 70773		
10-10-0.		-	-		*		
					STATE OF		
				53X	AL ALOBIDA		
					SIONAL ENIL		
				COA#0-278 Florida Cert	ificate of Product Approval #EL	1999	
				11/08/2	024		
IMPORTA	**WAF	RNING READ	AND FO	LLOW ALL NOTES ON THIS D TO ALL CONTRACTORS INC	RAWING!		_
Component Safety Info	ormation	in labricating, har , by TPI and SBC d otherwise top of	CA) for sa	ipping, installing and bracing. If fety practices prior to performing ill have properly attached struction	terer to and toriow the latest edition these functions. Installers shall purchase the stand short shart shart shart short sho	provide temporar	ig ý flv
attached rigid ceiling. L diagonal bracing instal	ocation led on th	s shown for perm	anent late sections	eral restraint of webs shall have B3, B7, or B10, as applicable.	continuous lateral restraint (CLR), Apply plates to each face of truss a	installed with and position as	
shown above and on the	ne Joint	Details, unless n	oted othe	erwise. Refer to drawings 160A	 Z for standard plate positions. Re 	ter to job's Gene	

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







		1					1	
SEQN: 650351 /	COMN	Ply: 1	Job Numb	per: 24-1909B			Cust: R 215 JRef:	.1Y4R2150004 T34 /
FROM: RFG		Qty: 4	MOWRY				DrwNo: 312.24.0	950.50429
			Truss Lab	el: G1			KD / DF	11/07/2024
			<u> -</u>	3'4*10 6'6" 3'4*10 - + 6'6" 3'1"6 - + ≡4X	97"6 - - 13' - 3'1"6 - - 3'4*10 -			
		الاتا دورا	12 [B A =2X4(A1		F ==2X4(A1)	G 4 12'		
			↓ =	6'6" 13 6'6"	6'6"	6"		
Loading Criteria (psf) TCLL: 20.00	Wind 9 Wind 9 Speed	Criteria Std: ASCE 7-22	S P	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/#	▲ Maximum R Gravit Loc R+ / R-	eactions (lbs) / · / Rh / R	Non-Gravity
BCLL: 0.00 BCDL: 10.00	Enclos Risk C EXP: E	sure: Closed ategory: II B Kzt: NA	L S	u: NA Cs: NA Snow Duration: NA	VERT(CL): 0.000 H 999 240 HORZ(LL): 0.005 F	B 685 /- F 685 /- Wind reactions	/- /41 /- /41	6 /4 /195 16 /4 /-
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Mean I TCDL: BCDL:	Height: 15.00 ft 5.0 psf 5.0 psf	B F	Building Code: BC 8th Ed. 2023 Res.	Creep Factor: 2.0 Max TC CSI: 0.201	B Brg Wid = F Brg Wid = Bearings B & F	3.5 Min Req = 3.5 Min Req = are a rigid surfac	1.5 (Truss) 1.5 (Truss) ce.
Spacing: 24.0 "	C&C E Loc. fr	Oist a: 3.00 ft om endwall: Any	to h/2	Rep Fac: Yes T/RT:20(0)/10(0)	Max Web CSI: 0.140	Members not li Maximum Top Chords Tens.	sted have forces Chord Forces F Comp. Chord	less than 375# 'er Ply (lbs) s Tens. Comp.
	Wind F	GCpi: 0.18 Duration: 1.60			VIEW Ver: 23.02.04.0123.14	B-C 132	-609 D-E	166 - 462
Lumbor	Wind E	Bulation: 1.00	V	VAVE	VIEW VCI. 20.02.04.0120.14	C-D 167	-462 E-F	131 - 609
Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2 Webs: 2x4 SP #3;	· · · · · · · · · · · · · · · · · · ·							
Wind Wind loads based on member design.	MWFR	S with additional C	C&C					
Wind loading based o	n both g	gable and hip roof	types.					
Additional Notes The overall height of t	his truss	s excluding overha	ang is					
6-11-3.								
					HILLING VIN			
					No 70773			
					STATE OF			

COA#0-278 Florida Certificate of Product Approval #FL1999 11/08/2024

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: 650406 / FROM: RFG	GABL	Ply: 1 Qty: 1	Job Num MOWRY Truss La	lber: 24-1909B bel: G1E			Cust: R 215 JRef: 1Y4R2150004 T35 DrwNo: 312.24.0950.50476 KD / DF 11/07/2024
			T	$\begin{array}{c c} & 19'8 \\ \hline 15'15 \\ 3'10 \\ 3'10 \\ 12' \\ $	$\frac{78'4}{12'4} + \frac{13'1}{36'4} + \frac{128'6}{15'15}$		
			+		'+ +- 116" − (NNL) +36"		
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 C Wind S Speed Enclos Risk C EXP: E Mean I TCDL: BCDL: BCDL: MWFR C&C D Loc. fro Wind E	Criteria Std: ASCE 7-22 Std: ASCE 7-22 Std: Closed ategory: II K2t: NA Height: 15.00 ft 5.0 psf S Parallel Dist: 0 S Parallel Dist: 0 st a: 3.00 ft pm endwall: Any GCpi: 0.18 Duration: 1.60	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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 N 999 360 VERT(CL): 0.003 N 999 240 HORZ(LL): -0.002 B - HORZ(LL): 0.002 B - Creep Factor: 2.0 Max TC CSI: 0.267 Max BC CSI: 0.100 Max Web CSI: 0.729	▲ Maximum R Gravity Loc R+ / R- N* 138 /- Wind reactions N Brg Wid = Bearing B is a Members not li	eactions (Ibs), or *=PLF y Non-Gravity - / Rh / Rw / U / RL /- /62 /8 /16 s based on MWFRS 156 Min Req = - rigid surface. Isted have forces less than 375#
Lumber 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 Loading Truss designed to sup and cladding load not and 24.0" span oppos cut or notched, unless	; I SP #2; I SP #2; ept as n port 1-0 to excer ite face. specifie	oted. -0 top chord outld ad 7.00 PSF one Top chord must ad otherwise.	ookers face not be	Additional Notes Exposed portion of gable fa sheathing and the wind pre- into lateral diaphragms. Co diaphragms is the responsi Designer in accordance wi 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 true 6-6-4.	ace shall be reinforced with ensures shall be transferred innections and designs for ibility of the Building th ANSI/TPI 1. DT be notched or cut in hord braced at 24" oc p chord (SC) to dropped a using 3x4 tie-plates 24" J/dropped chord interface, to chord length. Splice top ing 3x6. uss excluding overhang is		
Wind Wind loads based on member design. Wind loading based o Gable meets L/120 de applied to face. Calcu + Member to be latera loads. bracing syste by others.	MWFRS n both g flection llated de lly brace m to be	S with additional C able and hip roof criteria for wind k eflection ratio is L ad for horizontal v desiged and furn	C&C types. oad /271. vind ished	COA#0-278 Florida Certific 11/08/2024	No 70773 STATE OF STATE OF SONAL CORIDA CORIDA SONAL S	99	
IMPORTA Trusses require extrem Component Safety Info bracing per BCSI. Unle attached rigid ceiling. I diagonal bracing instal shown above and on th	**WAI	RNING READ FURNISH THIS D n fabricating, har , by TPI and SBC d otherwise, top c s shown for perm the CLR per BCSI Details – unless n Details – unless n	AND FOL DRAWING Idling, ship CA) for safe chord shall anent late sections E socted other	LOW ALL NOTES ON THIS D TO ALL CONTRACTORS INC oping, installing and bracing. R ety practices prior to performing I have properly attached structu rai restraint of webs shall have 33, B7, or B10, as applicable. A wise. Refer to drawings 160A	RAWING! LUDING THE INSTALLERS Refer to and follow the latest edition these functions. Installers shall p iral sheathing and bottom chord sh continuous lateral restraint (CLR), Apply plates to each face of truss a 27 for standard plate positions. Ref	of BCSI (Buildin provide temporan all have a proper installed with nd position as ier to iob's Gener	



SEQN: 650343 / FROM: RFG	VAL	Ply: 1 Qty: 1	Job Nun MOWRY Truss L a	nber: 24-1909B abel: V1			Cust: R 215 JRef: 1Y4R2150004 T36 DrwNo: 312.24.0950.50931 KD / DF 11/07/2024
		Ť		6'6" 6'6" ↓	130'1 6'6" H X4 C		
		- 6'10'6	=3) _4*6		G K4 UI2X4 D S S K4 UI2X4 C S C C C C C C C C C C C C C	⊕ ^{120°13}	
				I- 13 I→ 13	۲0°1		
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00	Wind Speed Enclos	Criteria Std: ASCE 7-22 : 130 mph sure: Closed		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): 0.001 C 999 360 VERT(CL): 0.002 C 999 240	▲ Maximum F Gravit Loc R+ / R E* 88 /-	Reactions (Ibs), or *=PLF ty Non-Gravity /Rh / Rw / U / RL /- /51 /- /11
BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	RISK C EXP: E Mean TCDL: BCDL: BCDL: MWFF C&C E Loc. fr	ategory: II 3 Kzt: NA Height: 15.68 ft 5.0 psf 2.5 Parallel Dist: h/2 Dist a: 3.00 ft om endwall: not in GCpi: 0.18	2 to h 4.50 ft	Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(LL): -0.002 B HORZ(TL): 0.002 B Creep Factor: 2.0 Max TC CSI: 0.233 Max BC CSI: 0.117 Max Web CSI: 0.127	Wind reaction: E Brg Wid = Bearing A is a Members not	s based on MWFRS = 156 Min Req = - rigid surface. listed have forces less than 375#
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Wind Wind loads based on	MWFR	S with additional C4	&C	WAVE	VIEW Vol. 20.02.04.0120.14	J	
End verticals not expo Wind loading based o	osed to v n both g	wind pressure. gable and hip roof t	ypes.				
Additional Notes See DWGS VALTN22 valley details.	20723 a	nd VAL180220723	for				
The overall height of t 6-10-6.	his truss	s excluding overhai	ng is				
					INITIANDO LA		
					No 70773		
				COA#0-278 Florida Certi 11/08/20	ficate of Product Approval #FL1	999	
IMPORT/ Trusses require extrem Component Safety. Inf bracing per BCSI. Unit attached rigid ceiling. I diagonal bracing instal shown above and on t Notes page for additio	**WAI ANT ne care ormation ess note ocation led on ti he Joint nal infor	RNING** READ A FURNISH THIS DF in fabricating, hand , by TPI and SBC/ d otherwise, top cf s shown for perma he CLR per BCSI s Details, unless no mation.	AND FOL AWING Alling, shi hord shal nent late sections bted othe	LOW ALL NOTES ON THIS D b TO ALL CONTRACTORS INC pping, installing and bracing. F ety practices prior to performing Il have properly attached structurer rai restraint of webs shall have B3, B7, or B10, as applicable. / rwise. Refer to drawings 160A	RAWING! LUDING THE INSTALLERS Refer to and follow the latest edition is these 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	of BCSI (Buildin rovide temporan all have a prope installed with nd position as er to job's Gene	
Alpine, a division of IT truss in conformance v	W Build vith ANS	ing Components G SI/TPI 1, or for har	roup Inc ndling, s	. shall not be responsible for an shipping, installation and bracin	y deviation from this drawing, any f g of trusses. A seal on this drawin for the design shown. The suitabil	ailure to build th ig or cover page ty and use of thi	AN ITW COMPAN

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: 650355 / FROM: RFG	VAL	Ply: 1 Qty: 1	Job Nu MOWR	m ber: 24-1909B Y		Cust: R 215 JRef: 1Y4R2150004 T37 DrwNo: 312.24.0950.50948
				adei: ∨2 + 5'2*2 5'2*2 (TYP)	+ 10'4"5 5'2"2	KD / DF 11/07/2024
			₽°4	12 ² =40 12 12 3X4(D1) =3X4(D1) A =10 H 120 H 120 H 120		138*13
	1				4"5 1	Γ
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 & Speed Enclos Risk C EXP: E Mean TCDL: BCDL: MWFF C&C E Loc. fm	Criteria Std: ASCE 7-22 : 130 mph sure: Closed ategory: II 3 Kzt: NA Height: 16.49 ft 5.0 psf 5.0 psf 8S Parallel Dist: 0 bist a: 3.00 ft om endwall: not ir	to h/2 n 4.50 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 8th Ed. 2023 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): 0.001 C 999 360 VERT(CL): 0.001 C 999 240 HORZ(LL): -0.001 B - HORZ(TL): 0.001 A - Creep Factor: 2.0 Max BC CSI: 0.233 Max Web CSI: 0.096	▲ Maximum Reactions (Ibs), or *=PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 88 /- /- /49 /0 /10 Wind reactions based on MWFRS E Brg Wid = 124 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: 23.02.04.0123.14	
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2 Webs: 2x4 SP #3; Wind Wind loads based on member design. Wind loading based of Additional Notes See DWGS VALTN22 valley details. The overall height of the 5-2-6.	; n both <u>c</u> 20723 au his truss	S with additional (gable and hip roof nd VAL18022072 s excluding overha	C&C types. 3 for ang is			
					No 70773	
				COA#0-278 Florida Certif 11/08/202	STATE OF	999
IMPORT/ Trusses require extrem Component Satety infi bracing per BCSI. Uni attached rigid ceiling. I diagonal bracing instal shown above and on t Notes page for additio Alpine, a division of IT truss in conformance y	**WAI ANT ne care ormation ess note led on the led on the nal infor W Build with ANS	RNING** READ FURNISH THIS D in fabricating, har d otherwise, top of s shown for perm he CLR per BCSI Details, unless n mation. ing Components (SVTPI 1, or for h wrontance of prof	AND FO DRAWIN(Idling, sh CA) for sa chord sha anent lat sections loted othe Group Inc andling,	LLOW ALL NOTES ON THIS D G TO ALL CONTRACTORS INC ipping, installing and bracing. F lefty practices prior to performing all have properly attached structu eral restraint of webs shall have B3, B7, or B10, as applicable. / erwise. Refer to drawings 160A c. shall not be responsible for an shipping, installation and bracin applicating approachility. each	RAWING! LUDING THE INSTALLERS sefer to and follow the latest edition i these 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 drawing to the design shourn. The drawing	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 or and use of this or and use of this

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: 650357 / FROM: RFG	VAL	Ply: 1 Qty: 1	Job Nur MOWRY Truss L	mber: 24-1909B Y abel: V3			Cust: R 215 JRef: DrwNo: 312.24.09 KD / DF	1Y4R2150004 T38 150.49942 11/07/2024
			99 98 98 98 98 98 98 98 98 98 98 98 98 9	$\begin{array}{c} 36^{\circ}2 \\ \hline 36^{\circ}2 \\ = 4x \\ 12 \\ \hline 12 \\ = 3X4(D1) \\ A \\ \hline \\ B \\ \hline \\ B \\ \hline \\ B \\ \hline \\ \\ B \\ \hline \\ \\ \\ \\$	70"5 36"2 4 = 3X4(D1) C	15'4"13		11/01/2024
					'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 " Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2 Webs: 2x4 SP #3; Wind Wind loads based on member design. Wind loading based of Additional Notes See DWGS VALTN2: valley details. The overall height of 1 3-6-6.	Wind 3 Speed Enclos Risk C EXP: I Mean TCDL: BCDL MWFF C&C I Loc. fr Wind I 2; ; MWFR	Criteria Std: ASCE 7-22 I: 130 mph sure: Closed category: II 3 Kzt: NA Height: 17.32 ft : 5.0 psf CS Parallel Dist: 0 Dist a: 3.00 ft om endwall: Any GCpi: 0.18 Duration: 1.60 S with additional 0 gable and hip roof nd VAL18022072 s excluding overh	to h/2 C&C i types. 3 for ang is	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 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.003 C 999 360 VERT(CL): 0.008 C 999 240 HORZ(LL): -0.002 C - - HORZ(LL): 0.005 C - - Creep Factor: 2.0 Max TC CSI: 0.181 Max BC CSI: 0.143 Max Web CSI: 0.074	▲ Maximum R Gravit Loc R+ / R C* 88 /- Wind reactions C Brg Wid = Bearing A is a Members not I	teactions (Ibs), or y - /Rh /Rt /- /48 s based on MWFR 84.3 Min Req = rigid surface. isted have forces lo	* =PLF Non-Gravity <u>∧</u> /U /RL /0 /10 S - ess than 375#
				COA#0-278 Florida Certi 11/08/20	No 70773 STATE OF CORIDA STATE OF CORIDA STATE OF CORIDA STATE OF CORIDA STATE OF STATE OF ST	1999		
IMPORT Trusses require extre Component Safety Inf bracing per BCSI. Uni attached rigid ceiling. diagonal bracing insta shown above and on t Notes page for additio	**WA ANT ne care ormation ess note Locatior lled on t he Joint nal infor	RNING** READ FURNISH THIS L in fabricating, har n, by TPI and SBC d otherwise, top c d otherwise, top c s shown for perm he CLR per BCSI Details, unless r mation.	AND FO DRAWING Adling, sh CA) for sa chord sha lanent lat sections toted othe	LLOW ALL NOTES ON THIS D G TO ALL CONTRACTORS INC ipping, installing and bracing. F fety practices prior to performing all have property attached struct reral 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), Apply plates to each face of truss a -Z for standard plate positions. Ref	of BCSI (Buildir rovide temporar all have a proper installed with nd position as er to job's Gener	ng Ay ral	

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: 650359 / FROM: RFG	VAL	Ply: 1 Qty: 1	Job Nu MOWR Truss L	mber: 24-1909B Y .abel: V4	Cust: R 215 JRef: 1Y4R2150004 T39 DrwNo: 312.24.0950.50618		
				- 1'10"2 - 1'10"2	= <u>3'8"5</u> 1'10"2		
			<mark>→</mark> 1'10"6	=4X 12 =3X4(D1) -0"4 -0"4 3'8	34 = 3X4(D1) - C 17'0"1 	3	
				<mark>₌ 1'10"2</mark> 1'10"2	<mark>- 1'10"2 -}</mark> 3'8"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 "	Wind & Wind & Speed Enclos Risk C EXP: E Mean TCDL: BCDL: MWFF C&C E Loc. fr	Criteria Std: ASCE 7-22 130 mph sure: Closed category: II 3 Kzt: NA Height: 18.15 ft 5.0 psf 5.0 psf RS Parallel Dist: 0 Dist a: 3.00 ft om endwall: Any	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 8th Ed. 2023 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): 0.001 C 999 360 VERT(CL): 0.001 C 999 240 HORZ(LL): -0.000 C - HORZ(LL): 0.001 C - -HORZ(TL): 0.001 C - Creep Factor: 2.0 Max TC CSI: 0.040 Max BC CSI: 0.028 Max Web CSI: 0.023	▲ Maximum R Gravit Loc R+ / R C* 87 /- Wind reactions C Brg Wid = Bearing A is a Members not I	Reactions (Ibs), or *=PLF y Non-Gravity - /Rh /Rw /U /RL /- /46 /- /9 s based on MWFRS = 44.3 Min Req = - rigid surface. isted have forces less than 375#
Lumber Top chord: 2x4 SP #2 Bot chord: 2x4 SP #2	Wind [GCpi: 0.18 Duration: 1.60		Plate Type(s): WAVE	VIEW Ver: 23.02.04.0123.14	_	
Webs: 2x4 SP #3; Wind Wind loads based on member design. Wind loading based o Additional Notes See DWGS VALTN22 valley details. The overall height of t 1-10-6.	MWFR: n both <u>c</u> 20723 a his truss	S with additional (gable and hip roof nd VAL18022072 s excluding overh	C&C types. 3 for ang is				
				COA#0-278 Florida Certi 11/08/20	No 70773 STATE OF CORIDA SONAL EN SONAL	999	
IMPORT/ Trusses require extrem Component Safety Inf bracing per BCSI. Unli attached rigid ceiling. I diagonal bracing instal shown above and on t Notes page for additio Alpine, a division of IT truss in conformance w listing this drawing, inc	**WAI ANT ne care ormation ess note ocation led on t he Joint he Joint w Build with ANS licates a	RNING** READ FURNISH THIS I n fabricating, han , by TPI and SBC ed otherwise, top is shown for perm he CLR per BCSI Details, unless r mation. SI/TPI 1, or for h acceptance of pro	AND FO DRAWING Idling, sh CA) for sa chord sha ianent lat sections toted oth Group In andling, tessional	LLOW ALL NOTES ON THIS D G TO ALL CONTRACTORS INC ipping, installing and bracing. F 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 an shipping, installation and bracin engineering responsibility solely	RAWING! LUDING THE INSTALLERS Refer to and follow the latest edition is these 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	of BCSI (Buildir rovide temporar all have a prope installed with nd position as er to job's Gene ailure to build th g or cover page fy and use of thi	ral e s 155 Harlem Ave s

Insting this orawing, inclicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TP1: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org





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

























SEQN: 650419 / FROM: RFG	VAL	Ply: 1 Qty: 1	Job Nur MOWR Truss L	mber: 24-1909B Y abel: V70			Cust: R 215 JRef: 1Y4R2150004 T33 DrwNo: 312.24.0950.50649 KD / DF 11/07/2024
				2'7"14 	5'3"12 2'7"14		
			22"13 	=4X4 B 10 =3X4(D1) A III2X4 D III2X4	4 = 3X4(D1) C 4	7'5"11	
				2'7"14 2'7"14	2'7"14 5'3"12		
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 G Speed Enclos Risk C EXP: E Mean TCDL: BCDL: BCDL: MWFF C&C E Loc. fr Wind I	Criteria Std: ASCE 7-22 I: 130 mph sure: Closed ategory: II 3 Kzt: NA Height: 18.74 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	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 8th Ed. 2023 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): 0.002 C 999 360 VERT(CL): 0.003 C 999 240 HORZ(LL): -0.001 C HORZ(TL): 0.002 C Creep Factor: 2.0 Max TC CSI: 0.081 Max BC CSI: 0.041 VIEW Ver: 23.02.04.0123.14	▲ Maximum F Gravit Loc R+ / R C* 85 /- Wind reactions C Brg Wid = Bearing A is a Members not I	Reactions (Ibs), or *=PLF y Non-Gravity - / Rh / Rw / U / RL /- /44 /2 /7 s based on MWFRS : 63.7 Min Req = - - rigid surface. : isted have forces less than 375#
Wind Code 2x4 SP #2; Webs: 2x4 SP #3; Wind Code 2x4 SP #2; Wind Code 2x4 SP #2; Via Code	; n both <u>c</u> 20723 a his truss	S with additional (gable and hip roof nd VAL18022072 s excluding overh	C&C types. 3 for ang is				
				COA#0-278 Florida Certifi II/08/202	No 70773 STATE OF CONDACTION CONTONAL CONT	999	
IMPORT/ Trusses require extrem Component Safety Info bracing per BCSI. Unit attached rigid ceiling. I diagonal bracing instal shown above and on t Notes page for additio Alpine, a division of IT truss in conformance w listing this drawing, inc	**WAI ANT he care cormation ess note location led on t he Joint nal infor W Build vith ANS licates a	RNING** READ FURNISH THIS E In fabricating, har by TPI and SBC d otherwise, top of s shown for perm he CLR per BCSI Details, unless r mation. SJ/TPI 1, or for h ccceptance of pro	AND FO DRAWING adling, sh CA) for sa chord sha banent lat sections noted othe Group Ind andling, tessional	CLOW ALL NOTES ON THIS D G TO ALL CONTRACTORS INC ipping, installing and bracing. F fery practices prior to performing all have properly attached structi teral restraint of webs shall have B3, B7, or B10, as applicable. , erwise. Refer to drawings 160A c. shall not be responsible for an shipping, installation and bracin engineering responsibility solely	RAWING! LUDING THE INSTALLERS Refer to and follow the latest edition of these functions. Installers shall p iral sheathing and bottom chord sh continuous fateral 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 drawing of trusses. A seal on this drawing to the design shown. The suitabili	of BCSI (Buildii rovide temporar all have a prope installed with nd position as er to job's Gene ailure to build th g or cover page fy and use of thi	ral e s 155 Harlem Ave North Structure of the Structure

Insting this orawing, inclicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec.2. For more information see these web sites: Alpine: alpineitw.com; TP1: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



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 Reir	forecement
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(%)
2×8	1 row	2×6	1-2×8
2×8	2 rows	2×6	2-2×6(ж)

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.

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

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



COA#0-278

SPACING

-1 #ET 1000

North Building, 4th Floor Glenview II 60025

155 Harlem Ave

AN ITW COMPAN

Valley Detail - ASCE 7-22: 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 7-22 180 mph. 30' Mean Height, Part. Enc. Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00 Dr ASCE 7-22 160 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 7-22: 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 7-22, 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: 140 mph for SP (G = 0.55, min.), 125 mph for DF-L (G = 0.50, min.), or 105 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 arade 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.

Florida Certificate of Product Approval #FL1999