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

COA #0 278
Florida Certificate of Product Approval #FL1999 01/03/2023

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 22-8649
Job Description: Foxx	
Address: 141 SW Erkshire Ct, Lake City, FL 32024	

Job Engineering Criteria:			
Design Code: FBC 7th Ed. 2020 Res.	IntelliVIEW Version: 21.02.00		
	JRef #: 1XM02150007		
Wind Standard: ASCE 7-16 Wind Speed (mph): 130	Design Loading (psf): 40.00		
Building Type: Closed			

This package contains general notes pages, 89 truss drawing(s) and 1 detail(s).

Item	Drawing Number	Truss
1	003.23.0851.27750	A01
3	003.23.0851.42940	A03
5	003.23.0851.50237	A05
7	003.23.0851.56337	A07
9	003.23.0852.18727	A09
11	003.23.0852.25413	A11
13	003.23.0852.42743	A13
15	003.23.0853.03233	B01
17	003.23.0853.06650	B03
19	003.23.0853.17570	B05
21	003.23.0853.21580	B07
23	003.23.0853.26140	B09
25	003.23.0853.45833	B11
27	003.23.0853.51260	B13
29	003.23.0853.54657	B15
31	003.23.0854.00357	B17
33	003.23.0854.17250	B19
35	003.23.0854.55180	C02
37	003.23.0854.59600	C04
39	003.23.0855.03660	C06
41	003.23.0855.07423	C08
43	003.23.0855.25613	C10
45	003.23.0855.36190	C12
47	003.23.0859.54490	D02
49	003.23.0900.23257	D04

ltam	Drawing Number	Two
Item	Drawing Number	Truss
2	003.23.0851.38063	A02
4	003.23.0851.47110	A04
6	003.23.0851.53300	A06
8	003.23.0852.15310	A08
10	003.23.0852.21667	A10
12	003.23.0852.36660	A12
14	003.23.0853.00997	A14
16	003.23.0853.04923	B02
18	003.23.0853.08550	B04
20	003.23.0853.19723	B06
22	003.23.0853.23870	B08
24	003.23.0853.28847	B10
26	003.23.0853.47737	B12
28	003.23.0853.52967	B14
30	003.23.0853.57137	B16
32	003.23.0854.02143	B18
34	003.23.0854.39567	C01
36	003.23.0854.57500	C03
38	003.23.0855.01720	C05
40	003.23.0855.05537	C07
42	003.23.0855.23113	C09
44	003.23.0855.27907	C11
46	003.23.0859.51463	D01
48	003.23.0859.59857	D03
50	003.23.0900.36910	E01



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Site Information:	Page 2:	
Customer: W. B. Howland Company, Inc.	Job Number: 22-8649	
Job Description: Foxx		
Address: 141 SW Erkshire Ct. Lake City, FL 32024		

Item	Drawing Number	Truss
51	003.23.0900.56450	E02
53	003.23.0903.43617	E04
55	003.23.0903.50390	J01HJ
57	003.23.0903.57290	J02HJ
59	003.23.0904.02410	J03HJ
61	003.23.0904.06687	J04HJ
63	003.23.0904.10267	J05HJ
65	003.23.0904.20637	J06HJ
67	003.23.0904.34777	J07HJ
69	003.23.0913.11223	J08HJ
71	003.23.0913.21303	J10
73	003.23.0913.25540	J12
75	003.23.0913.32363	J14
77	003.23.0914.09530	J16
79	003.23.0914.58137	J18
81	003.23.0915.06877	J20
83	003.23.0915.18947	J22
85	003.23.0915.23610	J24
87	003.23.0915.27273	J26
89	003.23.0915.38353	J28

Item	Drawing Number	Truss
52	003.23.0903.12867	E03
54	003.23.0903.46450	J01
56	003.23.0903.52357	J02
58	003.23.0903.59653	J03
60	003.23.0904.04297	J04
62	003.23.0904.08360	J05
64	003.23.0904.18390	J06
66	003.23.0904.25933	J07
68	003.23.0912.10433	J08
70	003.23.0913.18803	J09
72	003.23.0913.23420	J11
74	003.23.0913.29360	J13
76	003.23.0914.03707	J15
78	003.23.0914.20320	J17
80	003.23.0915.00977	J19
82	003.23.0915.16723	J21
84	003.23.0915.21300	J23
86	003.23.0915.25620	J25
88	003.23.0915.32360	J27
90	BRCLBSUB0119	

General Notes

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

The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

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

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

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

Temporary Lateral Restraint and Bracing:

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

Permanent Lateral Restraint and Bracing:

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

Connector Plate Information:

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

Fire Retardant Treated Lumber:

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

General Notes (continued)

Key to Terms:

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

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

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

CL = Certified lumber.

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

FRT = Fire Retardant Treated lumber.

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

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

g = green lumber.

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

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

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

Ic = Incised lumber.

FJ = Finger Jointed lumber.

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

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

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

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

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

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

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

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

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

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

PP = Panel Point.

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

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

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

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

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

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

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

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

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

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

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

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

Refer to ASCE-7 for Wind and Seismic abbreviations.

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

References:

- 1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
- 2. ICC: International Code Council; www.iccsafe.org.
- 3. Alpine, a division of ITW Building Components Group Inc.: 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: 108012 HIPS Ply: 2 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T15 FROM: DrwNo: 003.23.0851.27750 Qty: 1 Page 1 of 2 Truss Label: A01 KD / DF 01/03/2023 2 Complete Trusses Required 13'1"12 19'1"12 25'1"12 31'1"12 40' 8'10"4 6'1"12 ≡H0610 ≡6X8 H **≡6X8** =3X4 =5X6 ≥5X10 W9 8" 18"1 O ≡7X6 w U ≡3X4 SFR QΡ =7X6 S k ≡5X6 |||2X4(**) ∥3X4 =8X10 В6 4X6(A1) ≡2.5X6(A1) 1112X4(**) ||3X4 ||2X4(**) 1'6"10 6'1"12 "12 6'8"8 5'5"6 13'1"12 25'1"12 31'1"12 31'3"8 45'5"6 47 19'1"12 40' 33'3"8

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.205 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.411 D 904 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.037 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.075 C
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.435
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.317
Spacing: 24.0 "	C&C Dist a: 4.70 ft	Rep Fac: No	Max Web CSI: 0.882
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

	▲ Maximum Reactions (lbs)						
		G	ravity		Non-Gravity		
)	Loc	R+	/ R-	/Rh	/Rw	/ U	/ RL
)	х	2974	/-	/-	/-	/608	/-
	S	5276	/-	/-	/-	/1108	/-
	J	1183	/-	/-	/-	/248	/-
	Win	d reac	tions bas	ed on MV	/FRS		
	Х			Min Re			
	S	Brg W	/id = 3.5	Min Re	q = 1.8	(Truss)
	J	Brg W	id = 3.5	Min Re	q = 1.5	(Truss))
	Bea	rings >	<, S, & J	are a rigio	surfac	e.	
	Men	nbers	not listed	have force	es less	than 3	75#
_	Max	imum	Top Ch	ord Force	s Per l	Ply (lbs	5)
	Cho	rds T	ens.Com	np. Ch	ords	Tens.	Comp.

B - C 685 - 3388 - 2269 465 C-D 835 - 4091 G-H 611 - 123 D-E 789 - 3862 288 - 1406 F-F 465 - 2269 172 - 875

Bracing

Lumber

(a) Continuous lateral restraint equally spaced on member.

Top chord: 2x4 SP M-31; T1,T5 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP M-31; Webs: 2x4 SP #3; W8,W9 2x4 SP #2;

Nailnote

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

Plating Notes

All plates are 2X4 except as noted.

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

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

Additional Notes

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



lens.C	omp.	Chords	Tens. (Jomp.
3097	- 620	Q-0	1317	- 260
3116	- 619	O - M	1278	- 257
4117	- 849	N - L	754	- 148
3823	- 790	M - I	1305	- 264
1427	- 284	L-J	769	- 152
	3097 3116 4117 3823	3097 - 620 3116 - 619 4117 - 849 3823 - 790 1427 - 284	3097 - 620 Q - O 3116 - 619 O - M 4117 - 849 N - L 3823 - 790 M - I	3097 -620 Q - O 1317 3116 -619 O - M 1278 4117 -849 N - L 754 3823 -790 M - I 1305

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-V	1081 - 239	R-S	519 - 2109
U-E	391 0	R-H	393 - 1937
E-T	363 - 1742	O - H	584 - 44
T - G	2928 - 595	N - M	855 - 168
F-T	173 - 387	N - I	229 - 1164
G-R	435 - 1691		



Florida Certificate of Product Approval #FL1999 01/03/2023

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

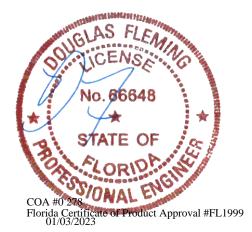
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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



SEQN: 108012 HIPS Ply: 2 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T15 DrwNo: 003.23.0851.27750 FROM: Qty: 1 Page 2 of 2 Truss Label: A01 KD / DF 01/03/2023

Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From TC: From TC: From -1.50 to 7.00 to 62 plf at 62 plf at 7.00 31 plf at 62 plf at 4 plf at 40.00 48.50 31 plf at 62 plf at 40.00 to BC: From -1.50 to 4 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 7.03 BC: From 10 plf at 7.03 to 10 plf at 39.97 BC: From 20 plf at 39.97 to 20 plf at 47. BC: From 4 plf at 47.00 to 4 plf at 48. TC: 424 lb Conc. Load at 7.03 TC: 185 lb Conc. Load at 9.06,11.06,13.06,15.06 47.00 48 50 17.06,19.06,21.06,23.06,23.94,25.94,27.94,29.94 31.94 TC: 35 lb Conc. Load at 33.94,35.94,37.94 BC: 504 lb Conc. Load at 39.97 BC: 504 lb Conc. Load at 7.03 BC: 128 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,21.06,23.06,23.94,25.94,27.94,29.94 244 lb Conc. Load at 33.94,35.94,37.94 BC: 567 lb Conc. Load at 39.97



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





SEQN: 108020 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T30 FROM: Qty: 1 DrwNo: 003.23.0851.38063 Truss Label: A02 KD / DF 01/03/2023 16'5"12 23'9"12 31'1"12 38 7'5"12 7'4" 7'4" 6'10"4 ≅H0510 G =H0510 ≡2X4 ∥4X4 (a) 8" 4" Q^{ri}P ON |||2.5X6(++) |||4X6 ____U ≡7X6 s **=7X6** B6 R ≡5X10 ≡2.5X6(A1) ⊪2X4 4X5(A1) =3X4 31'1"12 15'10"4 7'5"12 7'4" 7'4" 1"12 4'8"8 7'5"6 1'6<u>"</u>10 16'5"12 23'9"12 31'1"12 45'5"6 1'6" 33'3"8

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defi/CSI Criteria
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17
Lumber			

	▲ M	aximu	ım Rea	ctions (I	bs)		
		G	ravity		No	n-Grav	/ity
)	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
)	V	1301	/-	/-	/772	/239	/128
	Q	2279	/-	/-	/1176	/417	/-
	1	542	/-	/-	/366	/103	/-
	Win	d reac	tions ba	ased on I	MWFRS		
	٧	Brg W	/id = 3.9	5 Min f	Req = 1.5	(Truss	s)
	Q	Brg W	/id = 3.9	5 Min f	Req = 1.5	(Truss	s)
	1	Brg W	/id = 3.9	5 Min f	Req = 1.5	(Truss	s)
	Bea	rings \	/, Q, &	l are a riç	gid surfac	e.	
	Men	nbers	not liste	d have fo	orces less	than 3	375#
_	Max	imum	Top C	hord Fo	rces Per	Ply (lb:	s)
	Cho	rds T	ens.Co	mp. (Chords	Tens.	Comp.

B - C 1170 - 2345 - 1467 765 C-D 1230 - 2340 1127 - 441 D-E 765 - 1467

Bracing

(a) Continuous lateral restraint equally spaced on member

Top chord: 2x4 SP #2; T6 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP #2; Webs: 2x4 SP #3; W7 2x4 SP M-31;

Plating Notes

All plates are 5X6 except as noted.

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

	Tens.Comp.		Tens.
B - U	2080 - 951	S - R	2339
U - T	2090 - 950	R - Q	539
T-S	2339 - 1006	P - O	481

Maximum Bot Chord Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-U	381 0	F-P	848 - 1484
D-R	533 - 1098	P-Q	1024 - 1911
R-F	2271 - 1068	P-G	728 - 1396
E-R	350 - 453		



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 141723 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T24 FROM: DrwNo: 003.23.0851.42940 Qty: 1 Truss Label: A03 KD / DF 01/03/2023 5'9"14 17'9"12 24'5"12 31'1"12 36 41'8"7 47 5'9"14 5'2"2 6'9"12 6'8' 6'8' 4'10**"**4 5'8"7 5'3"9 ≡5X6 H =6X6 =3X4 =5<u>X</u>6 ≡4X6 **∌**3X4 C **≋3X4 |||3X4(** <u>-</u>∰W11 $QR \equiv 7\dot{X}6$ B6 W ≡3X4 U ≡4X12 =7X6 =5×6 =4X5(A1) =2.5X6(A1) 2.5X6(**) ||4X6 |=6X6(**)(I) 31'1"12 15'10"4 5'9"14 5'2"2 6'9"12 6'8" 6'8' 1"12 5'8"7 3'9" 1'6" 5'9"14 17'9"12 24'5"12 31'1"12 31'3"8[|] 36 41'8"7 45'5"6 1'8"8 1'6"10 33' 47'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.130 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.309 N 609 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.030 P
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.073 K
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.715
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.177
Spacing: 24.0 "	C&C Dist a: 4.70 ft	Rep Fac: Yes	Max Web CSI: 0.649
' '	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL Z 1284 /-/772 /239 /150 2362 /-/-/1235 /412 /-489 /343 /104 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 3.5Min Req = 1.6 (Truss) Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings Z, T, & K are a rigid surface. Members not listed have forces less than 375# **Maximum Top Chord Forces Per Ply (lbs)** Chords Tens.Comp. Chords Tens. Comp.

F-G

G-H

H - I

- 988

- 256

-21

598

440

1061

B - C 1223 - 2470 Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP #2; Webs: 2x4 SP #3; W8,W9 2x4 SP M-31; C-D 1056 - 1979 D-E 1016 - 1794 F-F 598 - 988 W11 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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

Wind

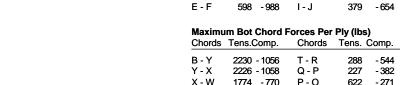
Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

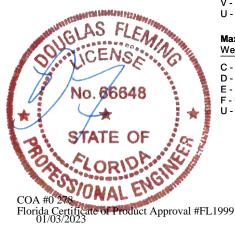
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



X - W 1774 - 770 P - O 622 - 271 W - V 1786 - 743 O - M 628 - 268 V - U 1786 - 743 M - J 379 - 141 U-T 486 - 908

Maximum web Forces Per Ply (lbs)					
Webs	Tens.Comp.	Webs	Tens. Comp.		
C-X	320 - 506	G-S	815 - 1487		
D - X	416 -90	S - T	979 - 1933		
E - U	512 - 1084	S - H	450 - 945		
F-U	316 - 401	P - I	495 - 839		
11 0	4000 000				

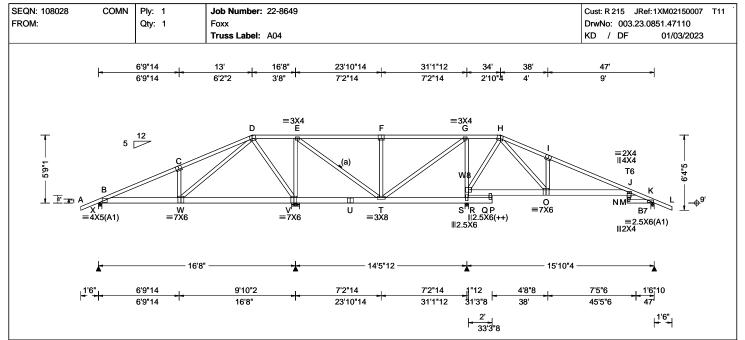


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TCLL: 20.00 Wind Std: ASCE 7-16 Pg: NA				
TCDL: 10.00 Speed: 130 mph Pf: NA	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
BCLL: 0.00 BCDL: 10.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 ps	TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18 Risk Category: II Snow Duration: NA HORZ(LL): -0.064 O HORZ(LL): -0.129 O Creep Factor: 2.0 Max TC CSI: 0.486 N 404 16. HORZ(LL): -0.064 O Creep Factor: 2.0 Max TC CSI: 0.486 N 404 16. HORZ(LL): -0.064 O Creep Factor: 2.0 Max TC CSI: 0.486 N 404 16. HORZ(LL): -0.064 O Creep Factor: 2.0 Max TC CSI: 0.486 N 404 16. HORZ(LL): -0.064 O Creep Factor: 2.0 Max BC CSI: 0.161 Max Web CSI: 0.652	TCDL: 10.00		Pf: NA Ce: NA	VERT(LL): 0.225 N 836 240
EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf FBC 7th Ed. 2020 Res. Max TC CSI: 0.863 MWFRS Parallel Dist: 0 to h/2 Spacing: 24.0 " C&C Dist a: 4.70 ft Rep Fac: Yes Loc. from endwall: Any GCpi: 0.18 Plate Type(s): WISHAVE 0.400.01405.475	BCLL: 0.00		Lu: NA Cs: NA	VERT(CL): 0.466 N 404 180
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes Loc. from endwall: Any GCpi: 0.18 Max Web CSI: 0.652 FT/RT:20(0)/10(0) Plate Type(s):	BCDL: 10.00	, ,	Snow Duration: NA	HORZ(LL): -0.064 O
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18 Column	Des Ld: 40.00			1 '
Soffit: 2.00 BCDL: 5.0 psf FBC 7th Ed. 2020 Res. Max TC CSI: 0.863 Max BC CSI: 0.161 Max BC CSI: 0.161 Max BC CSI: 0.161 Max BC CSI: 0.161 Max Web CSI: 0.652 M	NCBCLL: 10.00			Creep Factor: 2.0
Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 TPI Std: 2014 Max BC CSI: 0.161 Max Web CSI: 0.652	Soffit: 2.00		FBC 7th Ed. 2020 Res.	Max TC CSI: 0.863
Loc. from endwall: Any GCpi: 0.18 Wishest State 4.70 ft FT/RT:20(0)/10(0) Plate Type(s):	Load Duration: 1.25	·	TPI Std: 2014	Max BC CSI: 0.161
GCpi: 0.18 Plate Type(s):	Spacing: 24.0 "	C&C Dist a: 4.70 ft	Rep Fac: Yes	Max Web CSI: 0.652
MENAY 04 00 00 4005 47	-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
Wind Duration: 1.60 WAVE VIEW Ver: 21.02.00.1005.17		GCpi: 0.18	Plate Type(s):	
		Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

L	.um	ber

Top chord: 2x4 SP #2; T6 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; B7 2x4 SP #2; Webs: 2x4 SP #3; W8 2x4 SP M-31;

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 5X6 except as noted.

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

Snow Criteria (P	g,Pf in PSF)	Defl/CSI Cr	iteria			▲ N	laximu	ım Rea	actions (II	os)	
Pg: NA Ct: NA	CAT: NA	PP Deflection	on in loc L	/defl	L/#		G	ravity		No	on-Gra
Pf: NA	Ce: NA	VERT(LL):		836		Loc	: R+	/ R-	/ Rh	/ Rw	/ U
Lu: NA Cs: NA	١	VERT(CL):	0.466 N	404	180	x	600	/-	/-	/386	/106
Snow Duration: N	Α	HORZ(LL):	-0.064 O	-	-	٧	1538	/-	/-	/880	/279
		HORZ(TL):	0.129 O	-	-	S	1653	/-	/-	/929	/265
Building Code:		Creep Facto				K	480	/-	/-	/353	/102
FBC 7th Ed. 2020	Res.	Max TC CS	I: 0.863			Wir			ased on N	_	
TPI Std: 2014		Max BC CS	l: 0.161			Х			.5 Min F		
Rep Fac: Yes		Max Web C				V	9	Vid = 8		Req = 1.5	
		IVIAX VVED C	JI. 0.052			S	Brg V	Vid = 3	.5 Min F	Req = 1.5	5 (Trus:
FT/RT:20(0)/10(0))					K	Brg V	Vid = 3	.5 Min F	Req = 1.5	5 (Trus:
Plate Type(s):						Bea	arings :	X, V, S	, & K are a	a rigid su	rface.
\\/ \\/ E		VIEW Ver:	21.02.00.10	005.17	7	Me	mhers	not list	ed have fo	orces les	s than :

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 263 - 714 E-F 379 0 418 - 712 611 - 155 C-D F-G 379 0 D-F G-H 862 - 154

Non-Gravity

/279 /-

/171

Min Req = 1.5 (Truss)

Min Req = 1.5 (Truss) Min Req = 1.5 (Truss)

Maximum Bot Chord Forces Per Ply (lbs)

Cilolus	Tens.c	omp.	Chorus	Tens. (Jonip.
B - W	606	- 165	T - S	435	- 743
V - U	448	- 578	Q-0	302	- 489
U - T	448	- 578			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-W	407 - 426	F-T	363 - 456
W - D	924 - 485	G-R	432 -813
D - V	450 - 749	R-S	706 - 1387
V - E	465 - 735	R - H	381 - 806
E-T	582 - 265	H - O	816 - 444
T - G	685 - 218	O - I	437 - 503



Florida Certificate of Product Approval #FL1999

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SEQN: 141727 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T26 FROM: Qty: 1 DrwNo: 003.23.0851.50237 Truss Label: A05 KD / DF 01/03/2023 7'9"14 15' 20'8"9 26'3"7 7'9"14 7'2"2 5'8"9 5'6"13 5'8"9 ≡4X5 ≋H0510 G H =6X6 D ≡3X4 E 5 12 T5 =2X4 ∥3X4 W2 _7X6 R QP |||2.5X6 (++) В6 =7X6 =3X4 =7X6 =6X8 =4X5(A1) ≡2.5X6(A1) ⊪2X4 31'1"12 15'10"4 1'6"10 47 7'9"14 7'2"2 5'8"9 5'6"13 4'10"5 "12 5'8"8 6'5"6 7'9"14 15' 20'8"9 26'3"7 31'1"12 31'3"8 39 45'5"6 1'6" 33'3"8

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.159 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.351 N 536 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.056 O
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.119 O
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.577
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.219
Spacing: 24.0 "	C&C Dist a: 4.70 ft	Rep Fac: Yes	Max Web CSI: 0.785
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ M	aximu	ım Rea	ections (II	os)				
	G	ravity		No	n-Grav	/ity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
x	1289	/-	/-	/799	/239	/193		
s	2381	/-	/-	/1271	/403	/-		
K	464	/-	/-	/342	/107	/-		
Win	Wind reactions based on MWFRS							
Х	Brg V	Vid = 3	.5 Min F	Req = 1.5	(Truss	s)		
		Vid = 3	.5 Min F	Req = 1.6	(Truss	s)		
K	Brg V	Vid = 3	.5 Min F	Req = 1.5	(Truss	s)		
Bea	rings 2	X, S, &	K are a ri	gid surfac	e.			
Mer	Members not listed have forces less than 375#							
Max	cimum	Top (Chord For	ces Per	Ply (lb:	s)		
Cho	rds T	ens.Co	omp. (Chords	Tens.	Comp.		

B - C 401 - 469 1122 - 2396 C-D 865 - 1596 F-G 401 - 469 D-E 740 - 1142 831 G-H -74

(a) Continuous lateral restraint equally spaced on member

Top chord: 2x4 SP #2; T5,T6 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP #2;

Webs: 2x4 SP #3; W2,W9 2x4 SP M-31;

Plating Notes

All plates are 5X6 except as noted.

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



Florida Certificate of Product Approval #FL1999 01/03/2023

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
B - W	2143	- 939	T-S	401	- 716
W - V	2138	- 941	R-Q	243	- 439
V - U	1391	- 525	Q - O	378	- 705
U - T	1123	- 372			

Maximum Web Forces Per Ply (lbs)

Webs	ebs Tens.Comp. Webs		Tens. Comp.	
C-V	457 - 825	G-R	663 - 1431	
D - V	511 - 124	R-S	998 - 2091	
D - U	221 - 467	R - H	509 - 844	
U - E	492 - 116	H - O	1025 - 519	
E-T	506 - 1093	O - I	432 - 524	
T - G	1460 - 688			

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



SEQN: 141733 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T29 FROM: DrwNo: 003.23.0851.53300 Qty: 1 Truss Label: A06 KD / DF 01/03/2023 5'9"12 11'5"12 17' 23'6' 30' 31¦1"12 38' 41'8"5 47 5'9"12 5'8" 5'6"4 6'6" 1'1"12 6'10"4 3'8"5 5'3"11 ≡5X6 G =6X6 5 12 **≥5X6** 5X6 (a) (a) W10 T S ≡5X6 RQ В6 =3X4 ≡8X8 $\equiv 4X5(A1)$ |||2.5X6 (++) ||=4X6 =2.5X6(A1) 31'1"12 15'10"4 1'6<u>"</u>10

6'6'

23'6'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.144 O 999 240 VERT(CL): 0.315 O 603 180 HORZ(LL): -0.055 R HORZ(TL): 0.115 R Creep Factor: 2.0 Max TC CSI: 0.728 Max BC CSI: 0.174 Max Web CSI: 0.924 VIEW Ver: 21.02.00.1005.17
Lumber			

5'6"4

	▲ Maximum Reactions (lbs)							
		G	ravity		No	n-Grav	/ity	
40	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
30	Υ	1290	/-	/-	/808	/242	/215	
-	Т	2341	/-	/-	/1255	/384	/-	
-	L	493	/-	/-	/364	/119	/-	
	Wir	nd read	tions b	ased on I	MWFRS			
	Υ	Brg W	/id = 3.	5 Min I	Req = 1.5	(Truss	s)	
	Т	Brg W	/id = 3.	5 Min I	Req = 1.6	(Truss	s)	
	L	Brg W	/id = 3.	5 Min I	Req = 1.5	(Truss	s)	
	Bearings Y, T, & L are a rigid surface.							
	Members not listed have forces less than 375#							
	Maximum Top Chord Forces Per Ply (lbs)							
	Cho	ords T	ens.Co	mp.	Chords	Tens.	Ćomp.	
								_

7'5"6

45'5"6

B - C	1118 - 2497	F-G	600	- 781
C - D	982 - 1951	G - H	626	0
D-E	800 - 1354	H - I	824	- 92
E-F	600 - 781	J - K	356	- 563

Maximum Bot Chord Forces Per Ply (lbs)

274

402

411 -712

595 - 215

310

372 - 465

-60

- 691

G - T

T-S

S-H

S - I

(a) Continuous lateral restraint equally spaced on member.

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP #2; Webs: 2x4 SP #3; W8 2x4 SP M-31; W10 2x4 SP #2;

5'9"12

5'9"12

5'8"

11'5"12

Plating Notes

All plates are 2X4 except as noted.

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

CONTRACTOR LEGISLATION OF THE PROPERTY OF THE		m Web Forces Tens.Comp.	Per Ply (II Webs	os) Tens. Comp.
	B - X X - W W - V	2256 - 956 2253 - 958 1723 - 714	V - U U - T P - N	1189 - 405 306 - 493 541 - 235
	5 V	0050 050	.,	4400 405
	Chorus	rens.comp.	Chorus	rens. Comp.

W - D

D - V

E-V

E-U

F-U

1"12

31'3"8

33'3"8

31'1"12

4'8"8

38



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



1495

482

655

514

379

284

- 694

- 1418

- 797

- 507

- 760

- 501

SEQN: 108055 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T85 FROM: DrwNo: 003.23.0851.56337 Qty: 1 Truss Label: A07 KD / DF 01/03/2023 6'5"12 12'9"12 6'5"12 6'2"4 4'6" 7'10"4 =5X6 G **∌3X4** NH0510 8'3"1 **∮**5X6 **∥3X4** W10 T5 8" 4" S R Q P ≡5X6 ∭2.5X6(++) =7X6 w R6 U ≡3X4 =7X6 =4X5(A1) =8X8 =2.5X6(A1) **≡**4x₆

4'6'

23'6"

7'7"12

31'1"12

"12

31'3"8

33'3"8

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.70 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes	DefI/CSI Criteria
	C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	VIEW Ver: 21.02.00.1005.17
Lumber			

6'4"

12'9"12

31'1"12

6'2"4

19'

	▲ Maximum Reactions (lbs)						
		G	ravity		No	n-Grav	/ity
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	х	1282	/-	/-	/808	/234	/236
	s	2398	/-	/-	/1301	/402	/-
	K	455	/-	/-	/339	/105	/-
	Win	d read	tions ba	ased on M	MWFRS		
	Х	Brg V	Vid = 3.5	5 Min f	Req = 1.5	(Truss	s)
	S	Brg V	Vid = 3.5	5 Min f	Req = 1.6	(Truss	s)
	K	Brg V	Vid = 3.3	5 Min f	Req = 1.5	(Truss	s)
	Bearings X, S, & K are a rigid surface.						
	Members not listed have forces less than 375#						
_	Maximum Top Chord Forces Per Ply (lbs)						
	Cho	rds 1	ens.Co	mp. (Chords	Tens.	Comp.
	Cho	rds 1	ens.Co	mp.	Chords	Tens.	Comp

1'6"10 47

F-G B - C 1040 - 2447 -653 524 C-D 873 - 1811 G-H 797 0 D-E 671 - 1128 H - I 940 - 168 F-F 524 - 653

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

15'10"4

6'5"6

45'5"6

5'8"8

39'

B - W - 876 2204 II-T 969 - 248 W - V 2200 - 877 R - Q 402 - 135 V - U 1587 - 591

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.C	Comp.	Webs	Tens.	Comp.		
C-V	318	- 654	T-G	1191	- 531		
V - D	465	- 66	G-S	586	- 1582		
D - U	456	- 822	S - R	554	- 710		
E - U	644	- 250	R - H	426	- 436		
E - T	346	- 726	R-I	447	- 944		

Top chord: 2x4 SP #2; T5 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP #2; Webs: 2x4 SP #3; W10 2x4 SP M-31;

6'5"12

6'5"12

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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SEQN: 107340 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T27 FROM: DrwNo: 003.23.0852.15310 Qty: 1 Truss Label: A08 KD / DF 01/03/2023 6'11"7 14'0"9 26' 31'1"1 38'11"10 47 21 6'11**"**7 7'1"3 6'11"7 5' 5'1"1 7'10"10 8'0"6 =6X6 ≥5<u>X</u>6 ≷6X6 G 5 12 N0510 5X6 (a) P ∥2X4 __N =3X4 M ≡8X8 =7X6 =4X5(A1) =7X6 ∥4X6 4X5(A1) 31'1"12 15'10"4 -7'1"3 7'10"10 1'6" 6'11"7 6'11"7 5 5'1"1 8'0"6 6'11"7 14'0"9 21 26 31'1"1 38'11"10 ▲ Maximum Reactions (lbs)

Loading Criteria (psf) Wind Criteria		Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.079 O 999 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.163 O 999 180		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.017 C		
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.035 C		
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.803		
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.188		
Spacing: 24.0 "	C&C Dist a: 4.70 ft	Rep Fac: Yes	Max Web CSI: 0.820		
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17		
Lumber					

Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 919 - 2307 928 G - H - 293 Ĥ-I C-D 719 - 1581 289 - 401

/Rh

/-

Wind reactions based on MWFRS Brg Wid = 3.5

Bearings Q, L, & I are a rigid surface. Members not listed have forces less than 375#

494 - 818

Non-Gravity

/219

/88

/1281 /448

/RL

/258

/-

/Rw / U

/792

/348

Min Req = 1.5 (Truss)

Min Req = 1.6 (Truss)

Min Req = 1.5 (Truss)

Gravity

Brg Wid = 3.5

Brg Wid = 3.5

Loc R+

2411 /-

513

Q 1235

D-E

Bracing

(a) Continuous lateral restraint equally spaced on

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

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THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.

Maximu	m Bot Chord	Forces Per	Ply (lb:	s)
Chords	Tens.Comp.	Chords	Tens.	Co

Chords	Tens.Comp.		Chords	Tens. Comp.		
B - P	2071	- 760	N - M	674	-81	
P - O	2066	- 761	M - L	523	- 708	
O - N	1366	- 428				

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
C-0	365 - 742	E - M	488	- 954
O - D	511 -70	M - G	1385	- 551
D - N	494 - 909	G-L	942	- 1896
E - N	712 - 258	L-H	439	- 903

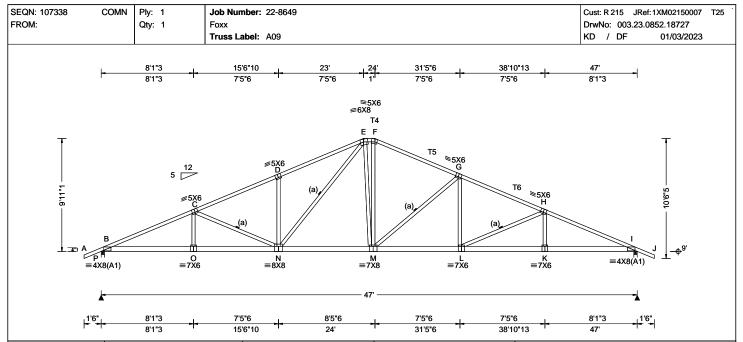


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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	•
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria	
	Willia Dalation. 1.00	WAVE	VIEW VEI. 21.02.00.1005.17	ے ل

L	u	m	ıb	е	r

Top chord: 2x4 SP M-31; T4,T5,T6 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on

Wind

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

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▲ Maximum Reactions (lbs)					
	Gravity	-	No	n-Grav	/ity
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P 201	1 /-	/-	/1201	/368	/279
I 201	1 /-	/-	/1201	/368	/-
Wind re	actions b	ased on	MWFRS		
P Brg	Wid = 3.	5 Min	Req = 1.7	(Truss	s)
I Brg	Wid = 3	5 Min	Req = 1.7	'(Truss	s)
Bearing	s P & I ar	e a rigid	surface.	`	•
			forces less	than 3	375#
Maximu	m Top C	hord Fo	rces Per	Plv (lb	s)
			Chords		•
в-с	1744 -	4227	F-G	1308	- 2628
C-D	1527 -	3432	G - H	1531	- 3438
D-E	1714 -	3437	H-I	1745	- 4228
E-F	1284 -	2352			

Cnoras	rens.Comp.	Choras	rens. Comp.
B - O	3829 - 1500	M - L	3075 - 1107
O - N	3824 - 1502	L-K	3825 - 1466
N - M	2342 - 754	K-I	3830 - 1465

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (Comp.
C-N	397 - 808	M - G	523	- 970
D - N	424 - 471	G-L	545	- 87
N - E	1207 - 631	L-H	398	- 808
M - F	710 - 386			



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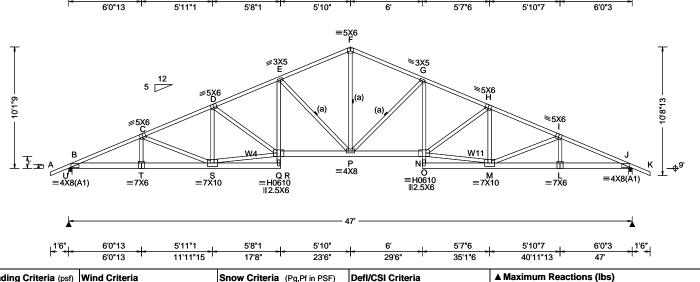
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 141768 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T17 FROM: DrwNo: 003.23.0852.21667 Qty: 4 Truss Label: A10 KD / DF 01/03/2023 6'0"13 11'11"15 17'8' 23'6' 29'6 35'1"6 40'11"13



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.339 P 999 240 VERT(CL): 0.669 P 837 180 HORZ(LL): 0.102 J	
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.202 J Creep Factor: 2.0 Max TC CSI: 0.602 Max BC CSI: 0.276 Max Web CSI: 0.791	U J B M C
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17	B ا

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W4,W11 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on

Loading

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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oc R+

	Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
	U 2	2049	/-	/-	/1200	/367	/285
	J 2	2067	/-	/-	/1200	/367	/-
	Wind	d reac	tions bas	sed on	MWFRS		
	U	Brg W	id = 3.5	Min	Req = 1.7	(Truss)
	J	Brg W	id = 3.5	Min	Req = 1.7	(Truss)
	Bear	ings l	J & J are	a rigid	surface.		
	Mem	ibers i	not listed	have f	orces less	than 3	75#
	Maxi	imum	Top Ch	ord Fo	rces Per	Ply (lbs	s)
	Chor	ds T	ens.Com	ıp.	Chords	Tens.	Comp.
-	B - C		1765 - 44	111	F-G	1387	- 2951
	C-0		1621 - 38		G - H	1662	- 3876
	D - E		1648 - 37		О Н-I	1624	
	E-F		1383 - 29		 I - J	1765	- 4458
				-	-		

Non-Gravity

Gravity

Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	rens.Comp.	Cnoras	rens. Comp.
B - T	4020 - 1544	P - N	3517 - 1169
T - S	4017 - 1547	M - L	4062 - 1512
Q - P	3438 - 1199	L-J	4065 - 1510

Maximum Web Forces Per Ply (lbs)

Webs	rens.comp.	webs	rens. Comp.
C-S	292 - 567	P-G	598 - 1227
S - Q	3441 - 1255	G - N	884 - 264
Q-E	811 - 264	N - M	3503 - 1232
E - P	595 - 1139	M - I	289 - 558
F-P	1840 - 733		



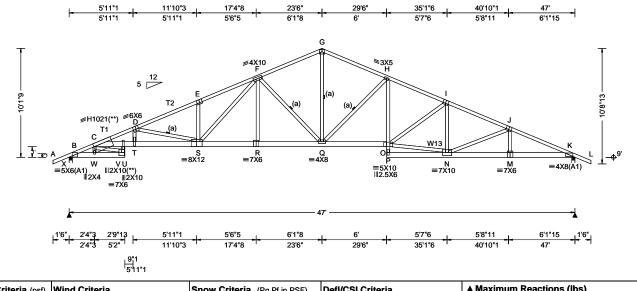
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SEQN: 141736 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T86 FROM: DrwNo: 003.23.0852.25413 Qty: 6 Truss Label: A11 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.476 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.922 E 607 180
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.186 K
Dec 1 d · 40 00	EXP: C Kzt: NA		HORZ(TL): 0.360 K
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.619
l	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.816
Spacing: 24.0 "	C&C Dist a: 4.70 ft	Rep Fac: Yes	Max Web CSI: 0.843
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17

Lumber

Top chord: 2x4 SP #2; T1,T2 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W13 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 5X6 except as noted.

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

Loading

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

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ᇄ	CAI. NA	LL Dellection	טו וווווע	C L/UEII	∟/ #	
		VERT(LL):				Ŀ
NA		VERT(CL):	0.922	E 607	180	х
NA		HORZ(LL):	0.186	K -	-	K
		HORZ(TL):	0.360	K -	-	W
		Creep Facto	or: 2.0			X
20 F	Res.	Max TC CS	: 0.6°	19		K

	A IVIGA	muun	IVEACE	J CIIOL	ivə <i>j</i>		
		Grav	ity		No	n-Grav	rity
,	Loc R	+ /	R-	/ Rh	/ Rw	/ U	/ RL
)	X 21	02 /-		/-	/1200	/367	/285
	K 21	01 /-		/-	/1200	/367	/-
	Wind r	eactio	ns bas	ed on	MWFRS		
	X Br	g Wid	= 3.5	Min	Req = 1.7	(Truss	;)
	K Br	g Wid	= 3.5	Min	Req = 1.7	(Truss	<u>(</u>
	Bearin	gs X 8	K are	a rigio	l surface.	`	,
		_		_	forces less	than 3	75#
	Maxim	um T	op Ch	ord Fo	rces Per	Ply (lbs	s)
			•		Chords		•
_	B-C	15	03 - 39	Ω	G-H	1386	- 3050
	C-D		39 - 75		H-I	1662	- 3981
	D-F	-	18 - 49		 I - J	1624	
	E-F		+0 - 4 9 75 - 49		J- K	1765	- 4546
	E-G		22 - 30		J - IX	1705	040

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.	
B-W	3557 - 1337	S-R	3595 - 1200	
C - V	7036 - 2613	R - Q	3596 - 1199	
W - U	3527 - 1323	Q - O	3614 - 1169	
V - T	6906 - 2567	N - M	4143 - 1512	
T - S	6832 - 2545	M - K	4146 - 1510	

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-W	239 - 484	F-Q	586 - 1216
C - U	1440 - 3847	G-Q	1913 - 729
V - U	1422 - 512	Q - H	598 - 1236
T - D	1252 - 380	H-O	893 - 265
D - S	977 - 2380	O - N	3585 - 1232
S - F	1407 - 605	N - J	289 - 556



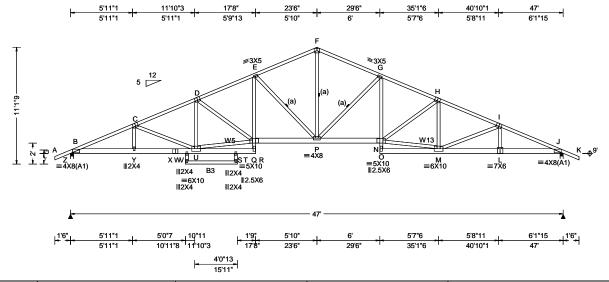
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SEQN: 141761 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T61 FROM: DrwNo: 003.23.0852.36660 Qty: 1 Truss Label: A12 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.321 P 999 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.649 P 864 180		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.097 J		
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.196 J		
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.625		
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.269		
Spacing: 24.0 "	C&C Dist a: 4.70 ft	Rep Fac: Yes	Max Web CSI: 0.762		
	Loc. from endwall: Any	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17		

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; B3 2x4 SP #2; Webs: 2x4 SP #3; W5,W13 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on

Plating Notes

All plates are 5X6 except as noted.

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

now Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)			
g: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity			
f: NA Ce: NA	VERT(LL): 0.321 P 999 240	Loc R+ /R- /Rh /			
J: NA Cs: NA	VERT(CL): 0.649 P 864 180	Z 2015 /- /- /-			
now Duration: NA	HORZ(LL): 0.097 J	J 2015 /- /- /-			
	HORZ(TL): 0.196 J	Wind reactions based on MWF			
uilding Code:	Creep Factor: 2.0	Z Brg Wid = 3.5 Min Req			
BC 7th Ed. 2020 Res.	Max TC CSI: 0.625	J Brg Wid = 3.5 Min Req			
PI Std: 2014	Max BC CSI: 0.269	Bearings Z & J are a rigid surfa			
ep Fac: Yes	Max Web CSI: 0.762	Members not listed have force			
T/RT:20(0)/10(0)		Maximum Top Chord Forces			
` ' ` ' '		Chords Tens.Comp. Chord			
ate Type(s):		B C 1762 4227 E G			

)	Loc	: R+	/ R-	/ Rh	/ Rw	/υ	/ RL	
)	Z	2015	/-	/-	/1200) /367	/285	
	J	2015	/-	/-	/1200	/367	/-	
	Wir	nd read	tions ba	sed on	MWFRS			
	Z	Brg V	Vid = 3.5	Min	Req = 1.	7 (Truss	s)	
	J	Brg V	Vid = 3.5	Min	Req = 1.	7 (Truss	s)	
	Bea	arings 2	Z & J are	a rigio	d surface.			
	Mei	mbers	not listed	d have	forces les	s than 3	375#	
	Max	ximun	Top Ch	ord F	orces Pei	Ply (lb	s)	
	Cho	ords 1	ens.Cor	np.	Chords	Tens.	Comp.	
_	В-	C	1762 - 4	327	F-G	1387	- 2850	
	١c.	-	1624 - 3		G-H	1662	- 3717	
	Ď-	_	1648 - 3		H-I	1624	-	
	Ē-	_	1383 - 2		i - J	1765	- 4327	

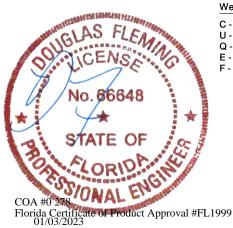
Non-Gravity

Maximum Bot Chord Forces Per Plv (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - Y	3943 - 1542	Q-P	3344 - 1199
Y - X	3939 - 1544	P - N	3370 - 1169
X - V	3939 - 1544	M - L	3940 - 1512
V - U	3936 - 1544	L-J	3943 - 1510

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-U	286 - 619	P-G	598 - 1151
U - Q	3356 - 1258	G - N	807 - 264
Q-E	808 - 264	N - M	3374 - 1232
E - P	595 - 1137	M - I	289 - 566
F-P	1763 - 733		



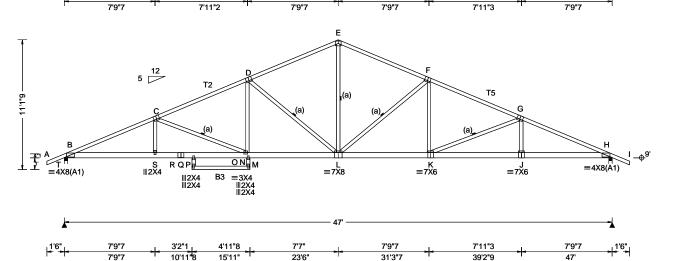
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SEQN: 141766 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T87 FROM: Qty: 1 DrwNo: 003.23.0852.42743 Truss Label: A13 KD / DF 01/03/2023 7'9"7 15'8"9 23'6" 31'3"7 39'2"9 47



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	14				
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.70 ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.248 L 999 240 VERT(CL): 0.500 L 999 180 HORZ(LL): 0.062 H HORZ(TL): 0.125 H Creep Factor: 2.0 Max TC CSI: 0.881 Max BC CSI: 0.299 Max Web CSI: 0.760	L				
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17] E				
Lumber	Lumber							

Top chord: 2x4 SP #2; T2,T5 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; B3 2x4 SP #2; Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on

Plating Notes

All plates are 5X6 except as noted.

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

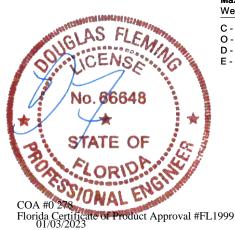
now Criteria (Pg,Pf in PSF)	Defl/CSI Criteria					
g: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.				
: NA Ce: NA	VERT(LL): 0.248 L 999 240	L				
ı: NA Cs: NA	VERT(CL): 0.500 L 999 180	1				
now Duration: NA	HORZ(LL): 0.062 H	H				
	HORZ(TL): 0.125 H	٧				
uilding Code:	Creep Factor: 2.0	1				
BC 7th Ed. 2020 Res.	Max TC CSI: 0.881	H				
PI Std: 2014	Max BC CSI: 0.299	E				
ep Fac: Yes	Max Web CSI: 0.760	1				
Г/RT:20(0)/10(0)		1				
ate Type(s):		-				
	VIEW Var. 24 02 00 400E 47	F				

	▲ Maximum Reactions (lbs)					
		Gravity		No	on-Grav	∕ity
	Loc R	- / R-	/ Rh	/ Rw	/ U	/ RL
	T 201	1 /-	/-	/1200	/367	/285
	H 201	1 /-	/-	/1200	/367	/-
	Wind re	actions b	ased on	MWFRS		
	T Bro	Wid = 3.	5 Min	Req = 1.7	(Truss	s)
	H Brg	Wid = 3.	5 Min	Req = 1.7	' (Truss	s)
	Bearing	sT&Ha	re a rigio	l surface.	•	•
	Membe	rs not liste	ed have f	orces less	than 3	375#
	Maximu	ım Top C	hord Fo	rces Per	Ply (lb	s)
	Chords	Tens.Co	mp.	Chords	Tens.	Ćomp.
_	B-C	17/// -	4246	F-F	1293	- 2593
	C-D	1517 -	-	F-G	1516	
	D-E	1202 -		G-H	1744	- 4246

Maximum Bot Chord Forces Per Ply (lbs)				
Chords	Tens.Comp.	Chords	Tens. Comp.	
B-S	3851 - 1498	N - L	3066 - 1129	
S - R	3846 - 1500	L-K	3069 - 1092	
R-P	3846 - 1500	K - J	3847 - 1470	
P - O	3840 - 1498	J - H	3852 - 1468	
O - N	3059 - 1127			

Maximum Web Forces Per Ply (lbs) Tens.Comp. Tens. Comp. C - O 410 538 - 1001 0 - D 553 - 84 560 -83 D-L K - G 411 540 - 995 -830

1459 - 585



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

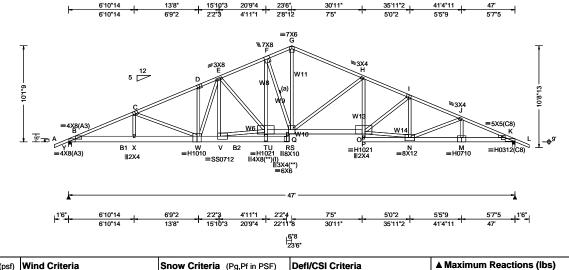
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SEQN: 141778 COMN Ply: 2 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T80 FROM: Qty: 1 DrwNo: 003.23.0853.00997 Page 1 of 2 Truss Label: A14 KD / DF 01/03/2023





Loading Criteria (psf) Wind Criteria Snow Criteria	Defl/CSI Criteria
TCLL: 20.00 Wind Std: ASCE 7-16 Pg: NA Ct:	NA CAT: NA PP Deflection in loc L/defl L/#
TCDL: 10.00 Speed: 130 mph Pf: NA	Ce: NA VERT(LL): 0.540 T 999 240
	: NA VERT(CL): 1.083 T 517 180
BCDL: 10.00 Risk Category: II Snow Duration	n: NA HORZ(LL): 0.153 K
Des Ld: 40.00 EXP: C Kzt: NA	HORZ(TL): 0.306 K
NCBCLL: 0.00 Mean Height: 15.00 ft TCDL: 5.0 psf Building Code:	: Creep Factor: 2.0
Soffit: 2.00 BCDL: 5.0 psf FBC 7th Ed. 20	020 Res. Max TC CSI: 0.873
Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 TPI Std: 2014	4 Max BC CSI: 0.472
Spacing: 24.0 " C&C Dist a: 4.70 ft Rep Fac: No	Max Web CSI: 0.730
Loc. from endwall: Any FT/RT:20(0)/10	0(0)
GCpi: 0.18 Plate Type(s):	
Wind Duration: 1.60 WAVE, HS, 18	NEW Ver: 21.02.00.1005.17

Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; B1, B2 2x8 SP 2400f-2.0E;

Webs: 2x4 SP #3; W6,W8,W9,W10,W11, W14 2x4 SP M-31; W13 2x4 SP #2;

Rt Wedge: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on

Nailnote

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 7.75" o.c. :1 Row @ 4" o.c. Use equal spacing between rows and stagger nails

BC: 1061 lb Conc. Load at 18.60

BC: 6289 lb Conc. Load at 20.77

in each row to avoid splitting.

Special Loads

Special Load	as			
(Lumber	Dur.Fac.=1	.25 / Plate [Our.Fac.=1.2	25)
TC: From	62 plf at	-1.50 to	62 plf at	13.70
TC: From	31 plf at	13.70 to	31 plf at	20.77
TC: From	62 plf at	20.77 to	62 plf at	48.50
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	13.52
BC: From	10 plf at	13.52 to	10 plf at	20.77
BC: From	20 plf at	20.77 to	20 plf at	47.00
BC: From	4 plf at	47.00 to	4 plf at	48.50
BC: 1047 lb	Conc. Load	at 13.67		
	Conc. Load			
BC: 123 lb	Conc. Load	at 16.63		

Plating Notes

All plates are 5X6 except as noted.

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

Wind

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

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

COA #0 278 Florida Certificate of Product Approval #FL1999 01/03/2023

Gravity Non-Gravity Loc R+ /R /Rh /Rw /U / RL RO 7018 /-/2890 /-5549 /2232 /-Wind reactions based on MWFRS Brg Wid = 3.5Min Reg = 2.9 (Truss) Brg Wid = 3.5 Min Req = 2.3 (Truss) Bearings Y & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 3655 - 8686 2900 - 6445 C-D 3615 - 8355 H - I 3118 - 7197 D-E 3604 - 8325 I-J 2747 - 6501

Maximum Bot Chord Forces Per Ply (lbs)

3632 - 7957

2875 - 6386

E-F

F-G

Chords	Tens.Comp.	Chords	Tens. Comp.
B - X	7993 - 3363	T-R	6531 - 2977
X - W	7991 - 3365	R-Q	7288 - 3326
W - V	7465 - 3285	Q - O	6622 - 2871
V - U	901 - 419	N - M	6110 - 2515
U - S	780 - 361	M - K	6108 - 2513

J - K

2734 - 6645

Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	vvebs	i ens.	Comp.
W-E	675 - 118	G-Q	4667	- 2111
E-V	219 - 411	Q - H	264	- 898
V - T	6692 - 2920	H - O	662	- 176
T - U	2662 - 1469	0-1	842	- 423
T-F	4686 - 2263	O - N	5870	- 2474
F-Q	2071 - 4298	I - N	467	- 915
R-S	579 - 291			

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SEQN: 141778 COMN Ply: 2 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T80 FROM: DrwNo: 003.23.0853.00997 Qty: 1 Page 2 of 2 Truss Label: A14 KD / DF 01/03/2023

Additional Notes

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

The maximum concentrated load is 6290#



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

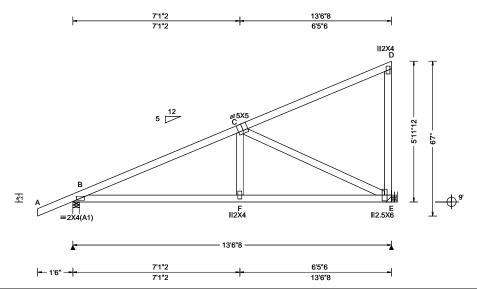
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SEQN: 107176 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T88 FROM: DrwNo: 003.23.0853.03233 Qty: 1 Truss Label: B01 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.019 F 999 240 VERT(CL): 0.037 F 999 180 HORZ(LL): 0.007 E HORZ(TL): 0.014 E Creep Factor: 2.0 Max TC CSI: 0.713 Max BC CSI: 0.609 Max Web CSI: 0.729 VIEW Ver: 21.02.00.1005.17	L BEWBEBM
Lumber				

▲ Maximum Reactions (lbs)					
	Gravity		. No	on-Grav	vity
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
В 66	3 /-	/-	/423	/84	/217
E 53	9 /-	/-	/353	/138	/-
Wind r	eactions l	based on I	MWFRS		
B Br	g Wid = 3	3.5 Min l	Req = 1.5	(Trus	s)
E Br	g Wid = -	Min	Req = -		
Bearing	g Bisari	gid surfac	e.		
Membe	ers not lis	ted have f	orces less	s than 3	375#
Maxim	um Top	Chord Fo	rces Per	Ply (lb	s)
Chords	Tens.C	omp.		• •	•
в-с	269	- 844			

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 717 - 518 712 - 520

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. C-E 576 - 789



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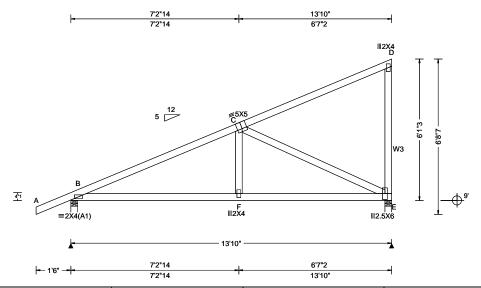
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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

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

SEQN: 141678 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T65 FROM: DrwNo: 003.23.0853.04923 Qty: 3 Truss Label: B02 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.019 F 999 240 VERT(CL): 0.039 F 999 180 HORZ(LL): 0.008 E HORZ(TL): 0.015 E Creep Factor: 2.0 Max TC CSI: 0.751 Max BC CSI: 0.636 Max Web CSI: 0.781 VIEW Ver: 21.02.00.1005.17	

▲ M	▲ Maximum Reactions (lbs)					
	Gravity Non-Gravity					/ity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	675	/-	/-	/419	/119	/263
E	551	/-	/-	/372	/107	/-
Win	d reac	tions ba	sed on M	WFRS		
В	Brg V	Vid = 3.5	Min Re	eq = 1.5	(Truss	s)
E	Brg V	Vid = 3.5	Min Re	eq = 1.5	(Truss	s)
Bea	rings l	B & E ar	e a rigid s	urface.		
Men	nbers	not liste	d have for	ces less	than 3	375#
Max	imum	Top Ch	nord Ford	es Per	Ply (lb	s)
		ens.Cor			,	-,
В-0	0	435 -	865			

Lumber

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

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

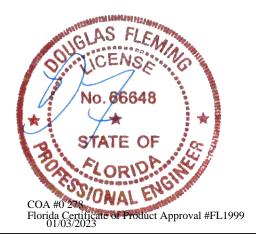
Right end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 735 - 607 730

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

582 - 808



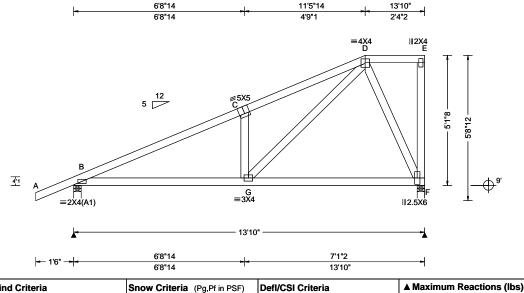
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 141661 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T62 FROM: Qty: 1 DrwNo: 003.23.0853.06650 Truss Label: B03 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.022 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.044 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.006 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.011 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.394
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.544
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.642
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Loc R+ /Rh /Rw /U /RL В 676 /424 /122 /220 552 /342 /106 /-Wind reactions based on MWFRS Brg Wid = 3.5Min Reg = 1.5 (Truss) Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 467 - 891 C-D 619

Non-Gravity

Lumber

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

Wind

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

Right end vertical exposed to wind pressure.

Deflection meets L/360.

Wind loading based on both gable and hip roof types.

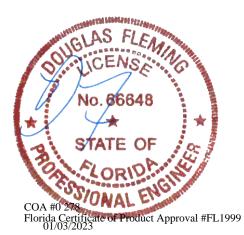
Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

B - G 762 - 622

Gravity

Maximu	ım Web Forces	Per Ply	(lbs)
Webs	Tens.Comp.	Webs	Te

Webs	Tens.Comp.	Webs	Tens. (Comp.
C-G	419 - 383	D-F	425	- 474
G - D	764 - 488			



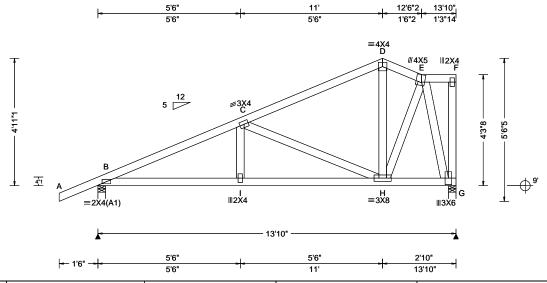
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 141658 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T43 FROM: Qty: 1 DrwNo: 003.23.0853.08550 Truss Label: B04 KD / DF 01/03/2023



TCLL: 20.00 Wind Std: ASCE 7-16 TCDL: 10.00 Speed: 130 mph	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	VERT(LL): 0.022 I 999 240 VERT(CL): 0.044 I 999 180 HORZ(LL): 0.008 G HORZ(TL): 0.015 G Creep Factor: 2.0 Max TC CSI: 0.301 Max BC CSI: 0.329 Max Web CSI: 0.399 VIEW Ver: 21.02.00.1005.17

Maximum Reactions (lbs) Gravity Non-Gravity .oc R+ /Rh /Rw /U /RL 676 /421 /123 /197 /322 /102 552 Vind reactions based on MWFRS Brg Wid = 3.5Min Reg = 1.5 (Truss) Brg Wid = 3.5 Min Req = 1.5 (Truss) Searings B & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 3 - C 515 - 961 C-D 276

Lumber

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

Wind

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

Right end vertical exposed to wind pressure.

Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 838 - 654 834 - 656

Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs C-H 426 E-G 369 -519 - 587



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

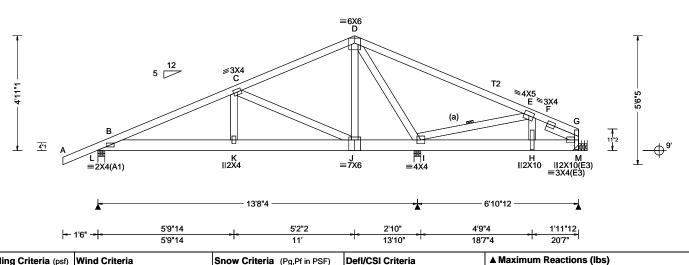
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 108108 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T45 FROM: Qty: 1 DrwNo: 003.23.0853.17570 Truss Label: B05 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.021 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.042 H 999 180
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.007 G
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.014 G
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.400
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.274
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.504
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

Gravity Non-Gravity Loc R+ /Rh /Rw / U /RL 514 /-2129 /-/-/616 /-973 /279 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) BrgWid = 3.5Min Req = 1.5 (Truss) Brg Wid = -Min Rea = -Bearings L & I are a rigid surface. Members not listed have forces less than 375# **Maximum Top Chord Forces Per Ply (lbs)** Chords Tens.Comp. Chords Tens. Comp.

B - C E-F 475 - 1514 58 - 553 796 - 230 491 - 1556 D-E F-G

(a) Continuous lateral restraint equally spaced on member

Top chord: 2x4 SP #2; T2 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E;

Rt Slider: 2x4 SP #3; block length = 1.500'

Special Loads

Webs: 2x4 SP #3;

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 62 plf at -1.50 to 62 plf at 20.58 BC: From BC: From 4 plf at 20 plf at 4 plf at -1.50 to 0.00 0.00 to 20 plf at 14.63 10 plf at 14.63 to BC: From 10 plf at 20.58 BC: 305 lb Conc. Load at 14.63 299 lb Conc. Load at 16.63 BC: 1224 lb Conc. Load at 18.60

Hangers / Ties

(J) Hanger Support Required, by others

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



Maximum Bot Chord Forces Per Ply (lbs)

 - 421 - 446	

Maximum Web Forces Per Plv (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - J	122 - 637	I-E	633 - 2004
D - I	214 - 979	E - H	1178 - 312

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FROM: DrwNo: 003.23.0853.19723 Qty: 1 Truss Label: B06 KD / DF 01/03/2023 5'11"10 11' 13'8"4 20'7" 5'11"10 5'0"6 2'8"4 6'10"12 [≥]3X4 ~ E **∌**3X4 C ///3X4 11"2 4"1 P H ≡3X4 J ∥2X4 G ∥2X4 =5X6 $\equiv 2X4(A1)$ 6'10"12 13'8"4 5'11"10 5'0"6 2'8"4 6'10"12 5'11"10 13'8"4 20'7"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.018 J 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.036 J 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.006 G
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.012 G
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.643
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.395
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.375
'	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Laurahan			

Job Number: 22-8649

Lumber

SEQN: 108066

SPEC

Ply: 1

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

Hangers / Ties

(J) Hanger Support Required, by others

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

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Chords Tens.Comp.

Brg Wid = 3.5

Brg Wid = -

▲ Maximum Reactions (lbs) Gravity

/Rh

/-

Wind reactions based on MWFRS Brg Wid = 3.5

Bearings B & H are a rigid surface.

331 - 790

Loc R+

1022 /-

199

В 616

B - C

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. B-J 677 - 288 672 - 290

Cust: R 215 JRef: 1XM02150007 T66

Non-Gravity

/118

/178 /-

/39

/RL

/116

/Rw / U

/380

/540

/117

Min Req = 1.5 (Truss)

Min Req = 1.5 (Truss)

Min Rea = -

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

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. (Comp.
C - I		- 598 - 146	E-H	497	- 867



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

SEQN: 141664 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T82 FROM: DrwNo: 003.23.0853.21580 Qty: 1 Truss Label: B07 KD / DF 01/03/2023 5'9"14 11' 15'9"8 20'7" 5'9"14 5'2"2 4'9"8 4'9"8 5 12 ≷3X4 _ D ≢3X4 B 4-1 H ≡5X6 G ≡3X4 I ∥2X4 5'9"14 5'2"2 4'9"8 4'9"8 5'9"14 15'9"8 20'7' Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity 20.00 Wind Std: ASCE 7-16 Pg: NA Ct: NA CAT: NA TCLL: PP Deflection in loc L/defl L/# Speed: 130 mph Loc R+ /R /Rh /Rw /U /RL TCDL: 10.00 Pf: NA Ce: NA VERT(LL): 0.011 A 999 240 Enclosure: Closed VERT(CL): 0.022 A BCII: 0.00 Lu: NA Cs: NA 180 999 F* 82 /-/-/43 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.005 A EXP: C Kzt: NA

Lumber

Des Ld:

Soffit:

NCBCLL: 10.00

Spacing: 24.0 "

Load Duration: 1.25

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

40.00

2.00

Wind

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

Mean Height: 15.00 ft

C&C Dist a: 3.00 ft

Wind Duration: 1.60

Loc. from endwall: Any

GCpi: 0.18

MWFRS Parallel Dist: 0 to h/2

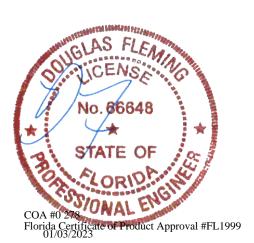
TCDL: 5.0 psf

BCDL: 5.0 psf

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Wind reactions based on MWFRS Brg Wid = 247 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#



HORZ(TL): 0.010 A

Max Web CSI: 0.090

VIEW Ver: 21.02.00.1005.17

0.397

0.314

Creep Factor: 2.0

Max TC CSI:

Max BC CSI:

Building Code:

TPI Std: 2014

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

Rep Fac: Yes

Plate Type(s):

WAVE

FBC 7th Ed. 2020 Res.

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SEQN: 107387 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T89 FROM: Qty: 1 DrwNo: 003.23.0853.23870 Truss Label: B08 KD / DF 01/03/2023 1'6"8 6'3"4 11' 16'2"2 22 1'6"8 4'8"12 4'8"12 5'2"2 5'9"14 ≡4X4 D ≢3X4 C ≋3X4 E =4X6 5X5(SRS) 4"1 H ∥2X4 ≡3X4 =5X6 ⊪5x6 =3X4(A1) 6'3"4 4'8"12 5'2"2 5'9"14 - 1'6" -- 6'3"4 11' 16'2"2 22' ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 888 /478 /158 /116

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.063 I 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.126 I 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.021 F
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.042 F
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.317
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.236
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.363
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber	·	·	·

1007 /-/579 /187 /-Wind reactions based on MWFRS Brg Wid = -Min Reg =

Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing F is a rigid surface.

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

Chords Tens.Comp. Chords Tens. Comp. 744 - 1738 613 - 1229 619 - 1224 743 - 1747

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

Hangers / Ties

(J) Hanger Support Required, by others

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.	
K - J	1783 - 797	I-H	1553	- 580
J - I	1550 - 594	H-F	1556	- 578

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.		
 К - В	931 - 1934	D - I	612	- 224	
C - I	301 - 547	I-F	294	- 531	



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SEQN: 107389 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T33 FROM: DrwNo: 003.23.0853.26140 Qty: 1 Truss Label: B09 KD / DF 01/03/2023 16'5"2 5'5"2 ≷3X4 ___D ₩4X5 B =4X6 (a) F 171 4"1 B2 G ∥2.5X6 =4X6 =5X6 =3X4(A1) **∥2X4** 5'5"2 5'6"14 1'6" 🗝 16'5"2 22'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.068 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.138 H 999 180
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.024 A
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.048 A
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.846
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.773
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.750
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U 888 /-/464 /160 /119 1007 /-/-/581 /186 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = -Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords 825 - 1780 632 - 1274 B-C 614 - 1315 D-E 749 - 1744

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; B2 2x4 SP M-31;

Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	rens.Comp.	Choras	rens. Comp.	
	1947 - 857 1550 - 587	G-E	1553	- 585

Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	omp.	Webs	Tens. Comp	
A - J	430	- 873	B - H	497	- 828
A - I	1968	- 911	C - H	553	- 115
I - B	494	- 756	H - D	266	- 462

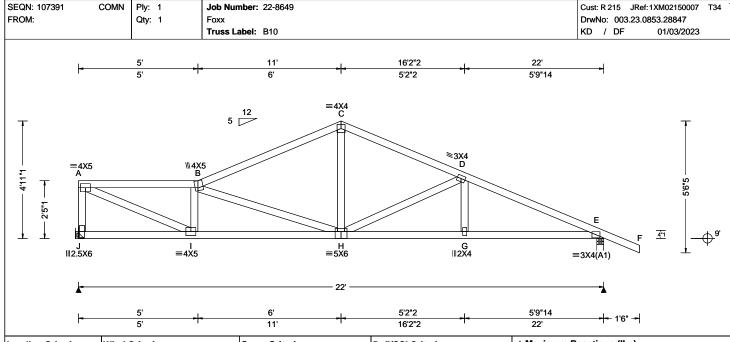


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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.071 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.144 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.022 E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.044 E
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.359
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.506
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.662
' '	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber		Wind	

Lumber

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

Hangers / Ties

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

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

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

Bearing at location x=0' support conditions: 0' uses the following Bearing J (0', 9') HUS26

Supporting Member: (1)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting member. (4) 0.148"x3" nails into supported

member.

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

▲ Maximum Reactions (lbs)

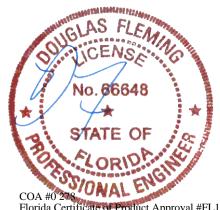
			,			
	Gravity		No	on-Grav	/ity	
Loc R-	+ /R-	/ Rh	/ Rw	/ U	/ RL	
J 888	3 /-	/-	/459	/161	/156	
E 100)7 /-	/-	/586	/186	/-	
Wind re	actions b	ased on N	MWFRS			
J Bro	y Wid = -	Min F	Req = -			
E Brg	Wid = 3.	5 Min F	Req = 1.5	(Truss	s)	
Bearing	j E is a rig	id surface	э.			
Membe	rs not liste	ed have fo	orces less	than 3	375#	
Maxim	um Top C	hord Fo	rces Per	Ply (lb:	s)	
Chords	Tens.Co	mp. (Chords	Tens.	Comp.	
А-В	850 -	1599 (C - D	658	- 1242	
B-C	630 -		D - E	770	- 1742	

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.	
I-H H-G	1683 - 805 1547 - 594	G-E	1550 - 592	

Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	comp.	Webs	Tens. (Comp.
A - J	511	- 845	B - H	452	- 626
A - I	1739	- 881	C - H	564	- 205
I - B	437	- 613	H - D	286	- 506



Florida Certificate of Product Approval #FL1999 01/03/2023

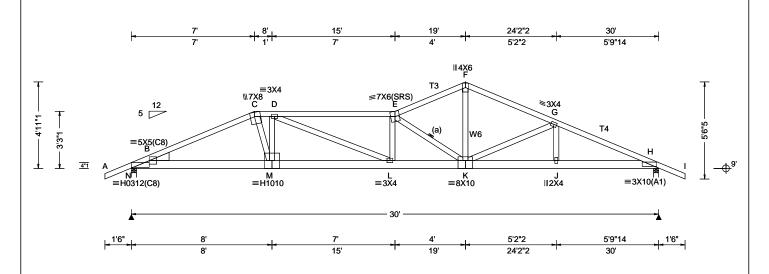
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SEQN: 107937 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T67 FROM: Qty: 1 DrwNo: 003.23.0853.45833 Truss Label: B11 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.291 L 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.582 L 612 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.063 C
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.126 C Creep Factor: 2.0 Max TC CSI: 0.678 Max BC CSI: 0.499 Max Web CSI: 0.829
	Wind Duration: 1.60	HS, WAVE	VIEW Ver: 21.02.00.1005.17
Lumban	·		

Loc R+ /Rh /Rw /U /RL 3028 /-/576 /-1891 /-/362 Wind reactions based on MWFRS Brg Wid = 3.5Min Reg = 2.5 (Truss) Brg Wid = 3.5 Min Req = 1.6 (Truss) Bearings N & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 1268 - 6768 C-D 1230 - 6796 F-G 655 - 3545

Non-Gravity

▲ Maximum Reactions (lbs) Gravity

Top chord: 2x4 SP M-31; T3,T4 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W6 2x4 SP #2; Lt Wedge: 2x6 SP 2400f-2.0E;

Bracing

(a) Continuous lateral restraint equally spaced on member

Special Loads

•					
(Lumber	Dur.Fac.=1.	.25 / Plate D	Our.Fac.=1.2	25)	
TC: From	62 plf at	-1.50 to	62 plf at	31.50	
BC: From	4 plf at	-1.50 to	4 plf at	0.00	
BC: From	20 plf at	0.00 to	20 plf at	7.03	
BC: From	10 plf at	7.03 to	10 plf at	8.00	
BC: From	20 plf at	8.00 to	20 plf at	30.00	
BC: From	4 plf at	30.00 to	4 plf at	31.50	
TC: 430 lb Conc. Load at 7.03					
BC: 507 lb	Conc. Load	at 7.03			

Wind

Wind loads and reactions based on MWFRS.

BC: 1344 lb Conc. Load at 7.94

Wind loading based on both gable and hip roof types.



D-E 1098 - 6062 G-H - 4007 730

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords B - M 6200 - 1149 K - J 3646 - 656 6793 - 1238 M - L 3649 J - H - 654 6025 - 1098 L-K

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (Comp.
С - М	2085 - 282	F-K	2399	- 379
D-L	469 - 799	K-G	83	- 477
E-K	637 - 3460			

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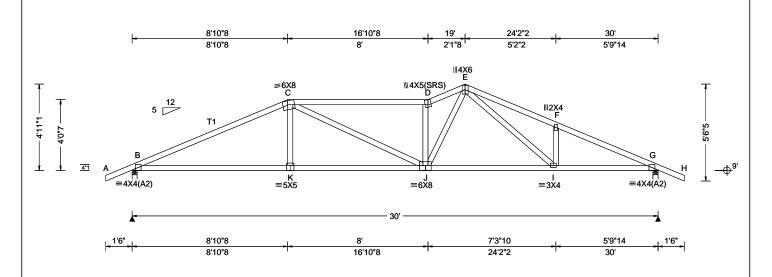
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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

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

SEQN: 107427 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T1 FROM: DrwNo: 003.23.0853.47737 Qty: 1 Truss Label: B12 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.165 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.332 D 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.048 G
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.097 G
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.782
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.863
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.572
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31;

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

Wind

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

Wind loading based on both gable and hip roof types.

▲ Maximum Reactions (lbs)					
	Gravity		No	on-Grav	/ity
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
B 132	24 /-	/-	/752	/246	/132
G 132	24 /-	/-	/752	/245	/-
Wind re	actions b	ased on l	MWFRS		
B Bro	Wid = 3	.5 Min	Req = 1.6	(Truss	s)
G Bro	Wid = 3	.5 Min	Req = 1.6	(Truss	s)
Bearing	sB&G	are a rigio	I surface.		
Membe	rs not list	ed have f	orces les	s than 3	375#
Maxim	um Top (Chord Fo	rces Per	Ply (lb	s)
Chords	Tens.C	omp.	Chords	Tens.	Comp.
в-с	1194 -	2372	E-F	1382	- 2517
C-D	1384 -	2411	F-G	1274	- 2545
D - E	1590 -	2704			

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords B - K 2107 - 973 J - I 1801 - 822 I-G K-J 2115 - 971

Maximum Web Forces Per Ply (lbs) Webs Tens. Comp. Tens.Comp. Webs J - D 919 - 1340 E - I 630 - 302 J-E 1501 -830

2290 - 1068



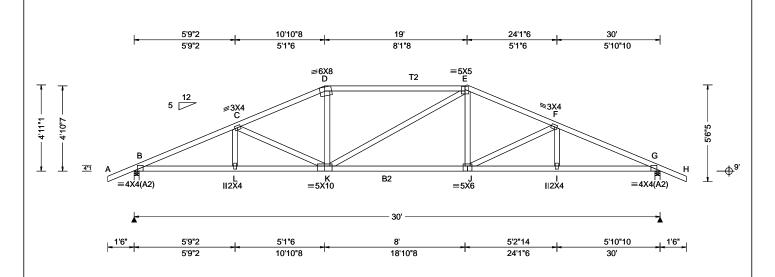
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SEQN: 107433 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T22 FROM: DrwNo: 003.23.0853.51260 Qty: 1 Truss Label: B13 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.116 J 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.233 J 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.041 G
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.082 G
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.468
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.708
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.280
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Lumber

Top chord: 2x4 SP #2; T2 2x4 SP M-31; Bot chord: 2x4 SP M-31; B2 2x4 SP #2; Webs: 2x4 SP #3;

Wind

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

Wind loading based on both gable and hip roof types.

▲ Maximum Reactions (lbs)						
	Gravity			Non-Gravity		
Loc R	- / R-	/ Rh	/ Rw	/ U	/ RL	
B 132	4 /-	/-	/757	/246	/133	
G 132	4 /-	/-	/759	/245	/-	
Wind re	actions b	ased on I	MWFRS			
B Brg	Wid = 3	.5 Min l	Req = 1.5	(Truss	s)	
G Brg	Wid = 3	.5 Min l	Req = 1.5	(Truss	s)	
Bearing	sB&Ga	are a rigid	surface.			
Membe	rs not list	ed have f	orces less	than 3	375#	
Maximu	ım Top (hord Fo	rces Per	Ply (lb:	s)	
Chords	Tens.Co	omp.	Chords	Tens.	Ćomp.	
в-с	1225 -	2514	E-F	1106	- 2083	
C-D	-		F-G	1210	- 2509	
D-E	1101 -	1874				

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords B-L 2259 - 1074 2252 - 1024 2257 - 1076 I - G 2254 - 1023 L-K

1860 - 817

K-J

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C-K E-J 432 239 - 437 - 41 D-K 429 - 49 J - F 234 - 417



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SEQN: 107435 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T21 FROM: Qty: 1 DrwNo: 003.23.0853.52967 Truss Label: B14 KD / DF 01/03/2023 6'9"2 12'10"8 17'1"8 23'2"14 30' 6'9"2 6'9"2 6'1"6 4'3" 6'1"6 =5X6 #4¥5 ≷5X5 F **∮**5X5 5'8"7 K ≡3X4 ≡5X5 | ||2X4 =6X8 30 6'9"2 6'1"6 4'3" 6'1"6 6'9"2 1'6" 6'9"2 12'10"8 17'1"8 23'2"14

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf	Pg: NA Ct: NA CAT: NA Pf: NA Cs: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res.	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.129 K 999 240 VERT(CL): 0.259 K 999 180 HORZ(LL): 0.051 G - HORZ(TL): 0.102 G - Creep Factor: 2.0 Max TC CSI: 0.440
Load Duration: 1.25 Spacing: 24.0 "	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max BC CSI: 0.611 Max Web CSI: 0.584 VIEW Ver: 21.02.00.1005.17
Lumber	•	•	

Loc R+ В 1321 /-1321 /-

▲ Maximum Reactions (lbs) Gravity

/Rh /Rw /U /RL /759 /245 /150 /759 /245 /-Wind reactions based on MWFRS Brg Wid = 3.5 Min Reg = 1.6 (Truss) Brg Wid = 3.5 Min Req = 1.6 (Truss) Bearings B & G are a rigid surface.

Non-Gravity

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

Chords Tens.Comp. Chords Tens. Comp. B - C 1120 - 2482 941 - 1847 C - D 944 - 1856 1119 - 2483 D-E 941 - 1644

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

Wind

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

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
B-L	2225	- 934	J - I	2222	- 915
L-K	2221	- 936	I-G	2226	- 913
K - J	1642	- 627			

Maximum Web Forces Per Ply (lbs)

Webs T	Tens.Comp.		ens.Comp. Webs		Webs	Tens. Comp.	
C-K	342	- 643	J-E		- 125		
D-K	410	- 101	J-F		- 649		



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FROM: DrwNo: 003.23.0853.54657 Qty: 1 Truss Label: B15 KD / DF 01/03/2023 7'9"14 14'10"8 22'2"2 30' 7'9"14 7'0"10 7'3"10 7'9"14 **≥**5<u>X</u>5 5X5 4"1 H ≡5X5 ≡5X5 =6X8 30 7'9"14 14'4"3 7'9"14 1'6" 7'9"14 22'2"2 30' ▲ Maximum Reactions (lbs)

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.128 I 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.256 I 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.051 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.102 F
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.694
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.723
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.835
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

Job Number: 22-8649

Loc R+ /Rh /Rw /U /RL 1324 /-/756 /245 /169 1324 /756 /245 /-Wind reactions based on MWFRS Brg Wid = 3.5Min Reg = 1.6 (Truss) Brg Wid = 3.5 Min Req = 1.6 (Truss) Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 990 - 2435 794 - 1677

Non-Gravity

990 - 2435

Gravity

Cust: R 215 JRef: 1XM02150007 T10

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

SEQN: 107823

COMN

Ply: 1

Webs: 2x4 SP #3; W2,W4 2x4 SP #2;

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

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.	
B-J	2173 - 802	I-H	2168 - 784	
J - I	2168 - 804	H-F	2173 - 782	

E-F

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
C-I	410 - 775	I-E	410 - 775	



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

FROM: Qty: 1 DrwNo: 003.23.0853.57137 Truss Label: B16 KD / DF 01/03/2023 6'9"14 13' 23'2"2 30' 6'9"14 6'2"2 6'9"14 6'2"2 =5X6 #4<u>¥</u>5 **≥5X5** 5X5 6'4"5 ф^{9'} K ≡3X4 ≡5X5 =6X8 I ∥2X4 =4X4(A2) 30 6'9"14 6'2"2 6'2"2 6'9"14 1'6"

17

TCDL: 10.00 Speed: 130 mph Pf: NA Ce: NA VERT(LL): 0.129 K 999 2 BCLL: 0.00 Enclosure: Closed Lu: NA Cs: NA VERT(CL): 0.258 K 999 1 BCDL: 10.00 Risk Category: II Snow Duration: NA HORZ(LL): 0.051 G - Des Ld: 40.00 Mean Height: 15 00 ft HORZ(TL): 0.102 G -	Loading Criteria (psf) Wind Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
BCLL: 0.00 Enclosure: Closed Lu: NA	TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
BCDL: 10.00 Risk Category: II Snow Duration: NA HORZ(LL): 0.051 G - HORZ(TL): 0.102 G -	TCDL: 10.00		Pf: NA Ce: NA	VERT(LL): 0.129 K 999 240
Des Ld: 40.00 EXP: C Kzt: NA HORZ(TL): 0.102 G -			Lu: NA Cs: NA	VERT(CL): 0.258 K 999 180
Des Ld: 40.00 Mean Height: 15.00 ft HORZ(TL): 0.102 G -			Snow Duration: NA	HORZ(LL): 0.051 G
	Des Ld: 40.00			HORZ(TL): 0.102 G
NCBCLL: 10.00 TCDL: 5.0 psf Building Code: Creep Factor: 2.0	NCBCLL: 10.00		Building Code:	Creep Factor: 2.0
Soffit: 2.00 BCDL: 5.0 psf FBC 7th Ed. 2020 Res. Max TC CSI: 0.450	Soffit: 2.00		FBC 7th Ed. 2020 Res.	Max TC CSI: 0.450
Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 TPI Std: 2014 Max BC CSI: 0.619	Load Duration: 1.25		TPI Std: 2014	Max BC CSI: 0.619
Spacing: 24.0 " C&C Dist a: 3.00 ft Rep Fac: Yes Max Web CSI: 0.605	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.605
Loc. from endwall: Any FT/RT:20(0)/10(0)		Loc. from endwall: Any	FT/RT:20(0)/10(0)	
GCpi: 0.18 Plate Type(s):		GCpi: 0.18	Plate Type(s):	
Wind Duration: 1.60 WAVE VIEW Ver: 21.02.00.1005.17		Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

13'

Job Number: 22-8649

Lumber

SEQN: 107209

COMN

Ply: 1

6'9"14

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

Wind

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

Wind loading based on both gable and hip roof types.

A	TPP Deflection in Toc L/deff L/#					_	·····			J O.u	• •• •
	VERT(LL):	0.129 K	999	240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
	VERT(CL):	0.258 K	999	180	В	1321	/-	/-	/759	/245	/151
	HORZ(LL):	0.051 G	-	-	G	1321	/-	/-	/759	/245	/-
	HORZ(TL):	0.102 G	-	-	Wir	nd reac	tions b	ased on N	IWFRS		
	Creep Facto	or: 2.0			В			.5 Min F			
	Max TC CSI	l: 0.450			G			.5 Min F			s)
	Max BC CS	l: 0.619						are a rigid			
	May Web C	SI: 0.605			Mei	mbers	not list	ed have fo	rces les	s than 3	375#

23'2"2

C - D 934 - 1844 D-E 932 - 1632

B - C

Chords Tens.Comp.

1113 - 2480

30

▲ Maximum Reactions (lbs) Gravity

Maximum Top Chord Forces Per Ply (lbs)

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

- 927 J - I 2219 - 908 2223 1 - G 2219 - 929 2223 - 906 L-K K-J 1630 - 615

Non-Gravity

Tens. Comp.

931 - 1835

1112 - 2481

Chords

Cust: R 215 JRef: 1XM02150007 T6

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
C - K D - K	348 - 6 409 - 1		J - E J - F		- 130 - 660



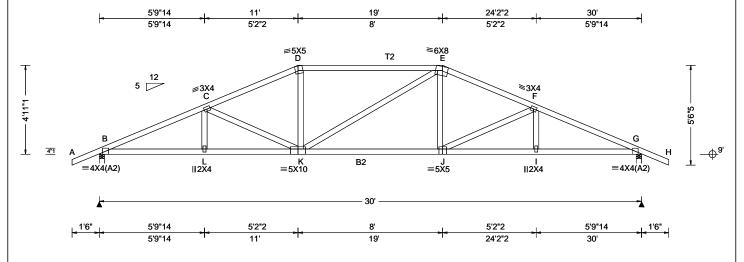
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SEQN: 107448 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T4 FROM: DrwNo: 003.23.0854.00357 Qty: 1 Truss Label: B17 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.116 J 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.233 J 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.041 G
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.082 G
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.469
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.676
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.295
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Lumber

Top chord: 2x4 SP #2; T2 2x4 SP M-31; Bot chord: 2x4 SP M-31; B2 2x4 SP #2; Webs: 2x4 SP #3;

Wind

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

Wind loading based on both gable and hip roof types.

	G	ravity		No	on-Grav	'ity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/RL
В	1324	/-	/-	/758	/247	/132
G	1324	/-	/-	/758	/247	/-
Wind	d reac	tions bas	sed on M\	NFRS		
В	Brg W	/id = 3.5	Min Re	eq = 1.5	(Truss	;)
G	Brg W	/id = 3.5	Min Re	eq = 1.5	(Truss	;)
Bear	rings E	3 & G ar	e a rigid s	urface.		
Men	bers	not listed	have for	ces less	than 3	75#
Max	imum	Top Ch	ord Forc	es Per	Ply (lbs	s)
Cho	rde T	one Con	on Ch	oorde	Tone	Ćomr

▲ Maximum Reactions (lbs)

Chords Tens.Comp. Chords Tens. Comp. B - C 1215 - 2513 1101 - 2061 C - D 1098 - 2054 1216 - 2512 D-E 1087 - 1859

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B-L 2258 - 1030 J - I 2255 - 1012 2258 - 1010 1 - G 2255 - 1032 L-K K-J 1855 - 794

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C-K 434 244 - 450 E - J - 41 D-K 433 - 54 J-F 243 - 445



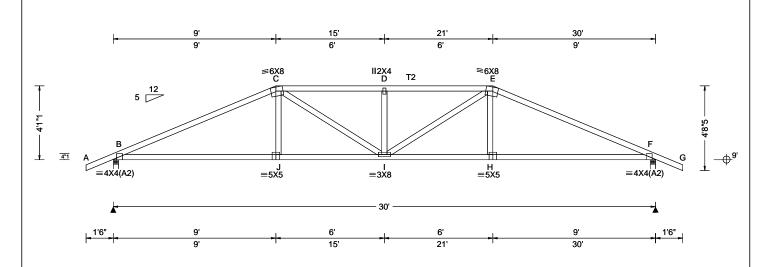
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SEQN: 107450 COMN Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T3 FROM: DrwNo: 003.23.0854.02143 Qty: 1 Truss Label: B18 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	Ī
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.133 D 999 240 VERT(CL): 0.266 D 999 180 HORZ(LL): 0.048 F	
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.096 F Creep Factor: 2.0 Max TC CSI: 0.608 Max BC CSI: 0.873 Max Web CSI: 0.237	
Lumbor	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	╛

▲ Maximum Reactions (lbs)											
Gravity Non-Gravity											
Loc R	?+ /	R- / F	Rh /	/Rw	/ U	/ RL					
В 13	24 /-	/-	,	754	/248	/114					
F 13	24 /-	/-	,	754	/248	/-					
Wind r	eactio	ns based	on MW	FRS							
B Br	g Wid	= 3.5	Min Req	= 1.6	(Truss	s)					
F Br	g Wid	= 3.5	Min Req	= 1.6	(Truss	s)					
Bearin	gs B 8	k Fare a	rigid sur	face.							
Membe	ers no	t listed ha	ave force	s less	than 3	375#					
Maximum Top Chord Forces Per Ply (lbs)											
Chords	s Ten	s.Comp.	Cho	rds	Tens.	Comp.					
B-C	12	18 - 2344	D-1	F	1379	- 2382					
C-D		79 - 2382			1218	- 2344					

Top chord: 2x4 SP M-31; T2 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Wind

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

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords

Onlords	rens.comp.		Onlords	rens. comp.		
B - J J - I	2076 - 2083 -		I-H H-F	2083 2076		



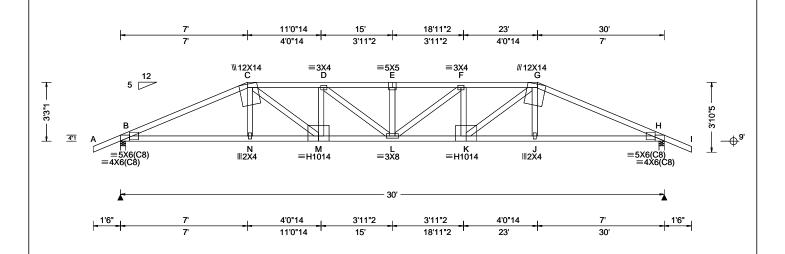
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SEQN: 107820 HIPS Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T28 FROM: DrwNo: 003.23.0854.17250 Qty: 1 Truss Label: B19 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0)	Defl/CSI Criteria
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE, HS	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs)											
Gravity Non-Gravity											
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL					
в :	3019	/-	/-	/-	/611	/-					
н :	3019	/-	/-	/-	/611	/-					
Wind	d read	ctions ba	sed on	MWFRS							
B Brg Wid = 3.5 Min Reg = 2.5 (Truss)											
Н	Brg V	Vid = 3.5	6 Mir	Req = 2.5	(Trus	s)					
Bear	rings	B & H ar	e a rigi	id surface.	•	•					
Men	bers	not liste	d have	forces less	s than 3	375#					
Max	imun	1 Top Cl	nord F	orces Per	Ply (lb	s)					
Cho	rds 7	Γens.Cor	mp.	Chords	Tens.	Ćomp.					
B - C	:	1335 - 6	670	F-F	1651	- 8237					
C - C				F-G	1536						
D - E	=	1651 - 8		G-H	1335	- 6670					

Special Loads

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

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 62 plf at -1.50 to 7.00 to 62 plf at 23.00 31 plf at 62 plf at 31 plf at TC: From 62 plf at 23.00 to 31.50 4 plf at -1.50 to 4 plf at BC: From 0.00 BC: From 20 plf at 0.00 to 20 plf at 7.03 10 plf at 20 plf at 4 plf at BC: From BC: From 7.03 to 22.97 to 10 plf at 22.97 20 plf at 30.00 BC: From 30.00 to 4 plf at 31.50 424 lb Conc. Load at 7.03,22.97 185 lb Conc. Load at 9.06,11.06,13.06,15.00 16.94,18.94,20.94 BC: 504 lb Conc. Load at 7.03,22.97 BC: 128 lb Conc. Load at 9.06,11.06,13.06,15.00 16.94,18.94,20.94

Wind

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



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - N	6073 - 1201	L-K	7757 - 1565
N - M	6102 - 1197	K-J	6102 - 1197
M - L	7757 - 1565	J - H	6073 - 1201

Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.		Webs	Tens. (Jomp.
C - N	600	0	L-F	610	- 110
C - M	1963	- 424	F-K	295	- 880
M - D	295	- 880	K-G	1963	- 424
D-L	610	- 110	J - G	600	0
E-L	201	- 449			

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

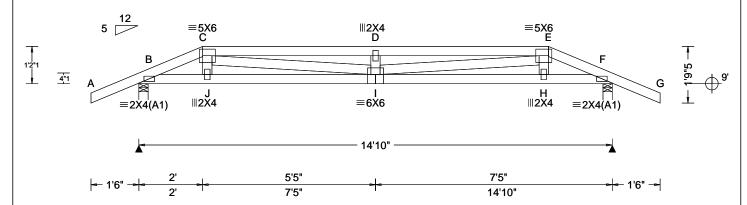
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SEQN: 108307 HIPS Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T42 FROM: DrwNo: 003.23.0854.39567 Qty: 1 Truss Label: C01 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ī
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.137 D 999 240)
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.224 D 777 180)
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.016 C	
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.029 C	
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.385	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.424	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.411	
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		4
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	1
Lumber				_

▲ Max	imum Re	actions (lbs)			
	Gravity	-	No	on-Grav	vity	
Loc F	R+ /R-	/ Rh	/ Rw	/ U	/ RL	
В 63	32 /-	/-	/-	/170	/-	
	32 /-	/-	/-	/170	/-	
Wind	reactions	based on	MWFRS			
в в	rg Wid = 3	3.5 Min	Req = 1.5	(Trus	s)	
F B	rg Wid = 3	3.5 Min	Req = 1.5	(Trus	s)	
Bearin	gs B & F	are a rigid	surface.			
Memb	ers not lis	ted have f	orces less	than 3	375#	
Maxin	Maximum Top Chord Forces Per Ply (lbs)					
Chord	s Tens.C	comp.	Chords	Tens.	Comp.	
B-C	256	- 1090	D-E	507	- 2059	
C-D			E-F	256	- 1089	

Maximum Bot Chord Forces Per Ply (lbs)

Chords

H-F

Webs

1 - E

Tens. Comp.

Tens. Comp.

- 225

- 230

- 286

993

983

1079

Chords Tens.Comp.

J - I

Webs

984 - 231

995 - 225

Tens.Comp.

1077 - 285

Maximum Web Forces Per Ply (lbs)

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

Special Loads

(L	umber	Dur.Fa	c.=1.	25 /	/ Plate	e Dur	.Fac.=	1.25)
TC: F	rom	62 pl	at	-1	.50 to	6	2 plf a	t	2.00
TC: F	rom	31 pli	at	2	.00 to	3	1 plf a	t ′	12.83
TC: F	rom	62 pl	at	12	.83 to	6	2 plf a	t ′	16.33
BC: F	rom	4 pl	f at	-1	.50 to)	4 plf a	t	0.00
BC: F	rom	10 pl	f at	0	.00 to) 1	0 plf a	t '	14.83
BC: F	rom	4 pl	f at	14	.83 to)	4 plf a	t '	16.33
TC:	42 lb	Conc. I	Load	at	2.03,	12.80)		
TC:	22 lb	Conc. I	Load	at	4.06,	6.06,	7.35,	8.77	
10.77									
BC:		Conc.							
BC:	27 lb	Conc.	Load	at	4.06,	6.06	, 7.35,	8.77	,
10 77									

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



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SEQN: 141710 HIPS Ply: 2 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T39 FROM: DrwNo: 003.23.0854.55180 Qty: 1 Truss Label: C02 KD / DF 01/03/2023 2 Complete Trusses Required 11'11" 14'10" 5 12 |||2X4(**) **∥2X4** =4X61'6"10 T1 G 4"1 K ∥2X4 **≡7**X6 =3X4 ∥2X4 $\equiv 2X4(A1)$ \equiv 3X6(A1) 14'10" 4'6" 2'11" 1'6" --11'11" 14'10" ▲ Maximum Reactions (lbs)

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.056 E 999 240 VERT(CL): 0.112 E 999 180 HORZ(LL): 0.011 D HORZ(TL): 0.022 D Creep Factor: 2.0 Max TC CSI: 0.171 Max BC CSI: 0.375 Max Web CSI: 0.329
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E;

Nailnote

Webs: 2x4 SP #3;

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 6.75" o.c. Webs : 1 Row @ 4" o.c. Use equal spacing between rows and stagger nails

in each row to avoid splitting.

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) -1.50 to TC: From 62 plf at 62 plf at 16.33 BC: From 4 plf at -1.50 to 4 plf at 0.00 BC: From 20 plf at 0.00 to 20 plf at 14.83 BC: From 4 plf at 14.83 to BC: 3189 lb Conc. Load at 1.23 14.83 to 4 plf at 16.33

Plating Notes

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

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

THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.

	<u> </u>								
	G	ravity		No	n-Grav	rity			
Loc	R+	/ R-	/ Rh	/ Rw	/U	/ RL			
М	3656	/-	/-	/-	/1130	/-			
G	942	/-	/-	/-	/224	/-			
Wi	nd read	tions b	ased on	MWFRS					
М	Brg V	Vid = 3	5 Min	Req = 1.5	(Truss	s)			
G	Brg V	Vid = 3	5 Min	Req = 1.5	(Truss	s)			
Bea	arings l	M & G	are a rig	id surface.	-	•			
Me	mbers	not list	ed have	forces less	than 3	75#			
Maximum Top Chord Forces Per Ply (lbs)									
Ch	ords T	ens.Co	omp.	Chords	Tens.	Ćomp.			
В-	С	764 -	2552	E-F	370	- 1514			
_	Ď	760	2547	ĒĊ	210	024			

762 - 2547 210 - 931 D-E 370 - 1514

Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.c	omp.	Cnoras	rens. (∍omp.	
B-L	2373	-712	J - I	862	- 189	
L-K	1721	- 478	I-G	853	- 191	
K - J	1759	- 486				

Maximum Web Forces Per Ply (lbs)

webs	rens.comp.	vvebs	rens. C	Jonip.
L - D	864 - 307	J-F	674	- 187

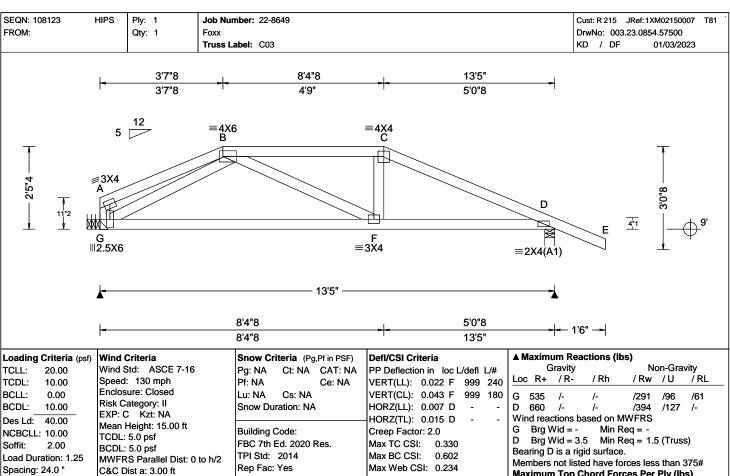


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Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

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

Loc. from endwall: Any

Wind Duration: 1.60

GCpi: 0.18

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Max Web CSI: 0.234

VIEW Ver: 21.02.00.1005.17

Maximum Bot Chord Forces Per Ply (lbs)

Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp. 608 - 409 842 - 513

Chords

C-D

Tens. Comp.

692

Maximum Web Forces Per Ply (lbs)

687 - 848

Webs Tens.Comp. G-B 566 - 628

Chords Tens.Comp.

B - C



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

Plate Type(s):

WAVE

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SEQN: 108125 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T51 FROM: DrwNo: 003.23.0854.59600 Qty: 1 Truss Label: C04 KD / DF 01/03/2023 2'5"8 5'7"8 13'5" 2'5"8 3'2' 7'9"8 ≡5X5 C ₩4X5 B **∥2X4** 1'11"7 D 4"1 F ≡3X4 G ∥2.5X6 =2X4(A1) 13'5' 13'5" – 1'6" ––

13'5'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	Ţ
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.020 D 999 240 VERT(CL): 0.039 D 999 180 HORZ(LL): 0.007 D HORZ(TL): 0.013 D Creep Factor: 2.0 Max TC CSI: 0.583 Max BC CSI: 0.508 Max Web CSI: 0.171 VIEW Ver: 21.02.00.1005.17	
Lumber				

▲ Maximum Reactions (lbs)						
	(3ravity		N	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	535	/-	/-	/277	/101	/83
D	660	/-	/-	/397	/124	/-
Win	d rea	ctions b	ased or	MWFRS		
G	Brg \	Nid = -	Mir	n Req = -		
D	Brg \	Nid = 3.	5 Mir	Req = 1.	5 (Trus	s)
Bea	ring [) is a rig	jid surfa	ice.	•	-
Mer	Members not listed have forces less than 375#					
Max	Maximum Top Chord Forces Per Ply (lbs)					
Cho	rds	Tens.Co	omp.	Chords	Tens.	Ćomp.
В-(С	510	- 737	C - D	480	- 784

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

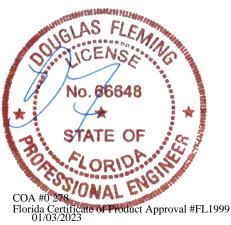
Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 628 - 319 654

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. G-B 576 - 750



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

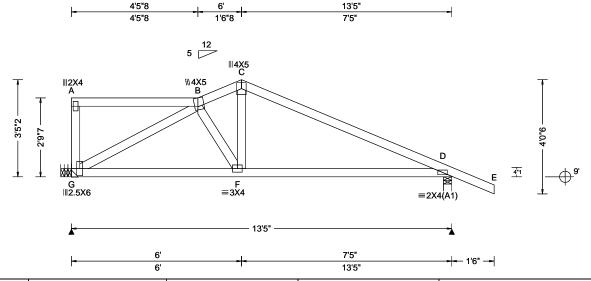
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SEQN: 108127 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T75 FROM: DrwNo: 003.23.0855.01720 Qty: 1 Truss Label: C05 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.020 D 999 240 VERT(CL): 0.039 D 999 180 HORZ(LL): 0.007 D HORZ(TL): 0.014 D Creep Factor: 2.0 Max TC CSI: 0.573 Max BC CSI: 0.507 Max Web CSI: 0.362) () () () () () ()
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	_ E
Lumber				

	▲ N	laxim	um Re	actions	(lbs)		
		(Gravity		N	on-Grav	vity
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	G	535	/-	/-	/285	/99	/130
	D	660	/-	/-	/403	/123	/-
	Wir	nd rea	actions b	ased o	n MWFRS		
	G	Brg	Wid = -	Mi	n Req = -		
	D	Brg	Wid = 3	.5 Mi	n Req = 1.	5 (Truss	s)
	Bea	aring I	D is a rig	gid surf	ace.	•	•
	Mei	mbers	s not list	ed have	e forces les	s than 3	375#
	Maximum Top Chord Forces Per Ply (lbs)						
	Cho	ords	Tens.C	omp.	Chords	Tens.	Ćomp.
	В-	С	509	- 684	C - D	490	- 786

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 645 - 310 656

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. G-B 563 - 726

Hangers / Ties

Top chord: 2x4 SP #2;

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

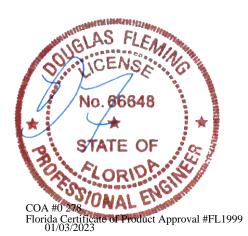
(J) Hanger Support Required, by others

Wind

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

Left end vertical exposed to wind pressure. Deflection

Wind loading based on both gable and hip roof types.



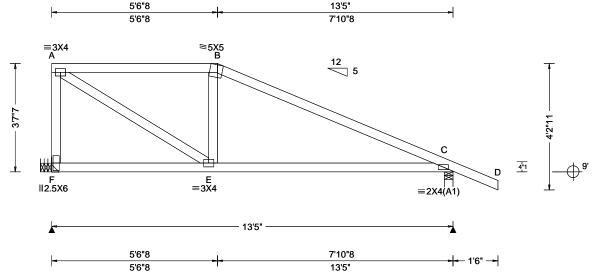
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SEQN: 108129 HIPM Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T54 FROM: DrwNo: 003.23.0855.03660 Qty: 1 Truss Label: C06 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.024 C 999 240 VERT(CL): 0.048 C 999 180 HORZ(LL): -0.009 C HORZ(TL): 0.018 C Creep Factor: 2.0 Max TC CSI: 0.595 Max BC CSI: 0.561 Max Web CSI: 0.429	1
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17	1

▲ Maximum Reactions (lbs)									
	Gravity Non-Gravity								
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
F	535	/-	/-	/299	/102	/153			
С	660	/-	/-	/411	/123	/-			
Win	d rea	actions b	oased or	n MWFRS					
F	Brg	Wid = -	Mi	n Req = -					
С	Brg	Wid = 3	.5 Mi	n Req = 1.	5 (Trus	s)			
Bea	ring	C is a ri	gid surfa	ace.	-	•			
Men	nber	s not list	ed have	e forces les	s than :	375#			
Max	Maximum Top Chord Forces Per Ply (lbs)								
Cho	rds	Tens.C	omp.	Chords	Tens.	Ćomp.			
A - I	В	530	- 607	B-C	502	- 755			

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Left end vertical exposed to wind pressure. Deflection

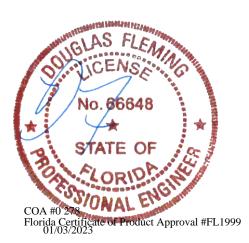
Wind loading based on both gable and hip roof types.

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

E-C 625 - 281

Maximum Web Forces Per Ply (lbs)

Tens. Comp. Webs Tens.Comp. Webs A - F 507 - 507 A - E 711 - 600



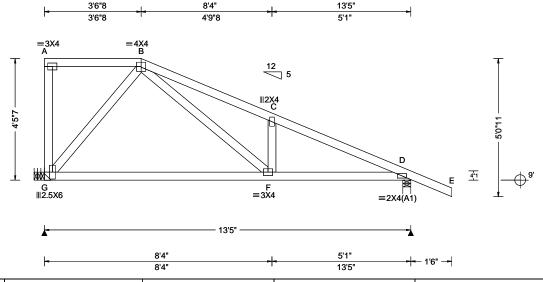
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SEQN: 108133 HIPM Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T16 FROM: DrwNo: 003.23.0855.05537 Qty: 1 Truss Label: C07 KD / DF 01/03/2023



▲ M	▲ Maximum Reactions (lbs)							
	G	avity		N	Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
G	535	/-	/-	/317	/103	/190		
D	660	/-	/-	/414	/121	/-		
Win	d rea	ctions b	ased on	MWFRS				
G	Brg V	Vid = -	Mir	Req = -				
D	Brg \	Vid = 3	5 Mir	Req = 1.5	5 (Truss	s)		
Bea	ring C) is a rig	gid surfa	ce.	•	•		
Men	nbers	not list	ed have	forces les	s than 3	375#		
Maximum Top Chord Forces Per Ply (lbs)								
				Chords		•		
В-(2	662	- 970	C - D	536	- 983		

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Left end vertical exposed to wind pressure. Deflection

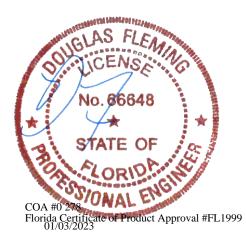
Wind loading based on both gable and hip roof types.

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

F-D 862 - 359

Maximum Web Forces Per Ply (lbs) Webs Webs

Tens. Comp. Tens.Comp. G-B 447 - 470 B - F 708 - 418



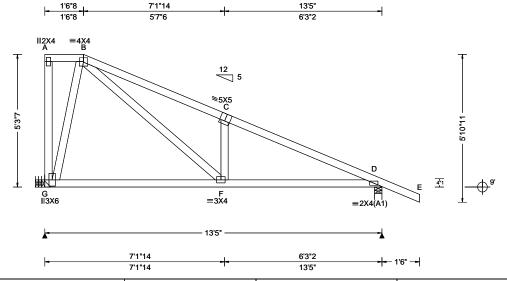
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SEQN: 108136 HIPM Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T76 FROM: Qty: 1 DrwNo: 003.23.0855.07423 Truss Label: C08 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.024 C 999 240 VERT(CL): 0.048 C 999 180 HORZ(LL): 0.010 A HORZ(TL): 0.021 A Creep Factor: 2.0 Max TC CSI: 0.348 Max BC CSI: 0.507 Max Web CSI: 0.673
	Loc. from endwall: Any GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL G 535 /340 /103 /227 660 /-/413 /118 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = G Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing D is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 622 - 868 470 C-D

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

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

Left end vertical exposed to wind pressure. Deflection

Wind loading based on both gable and hip roof types.

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

F-D 762 - 279

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
G-B B-F	498 - 519 786 - 520	F-C	417 - 369



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

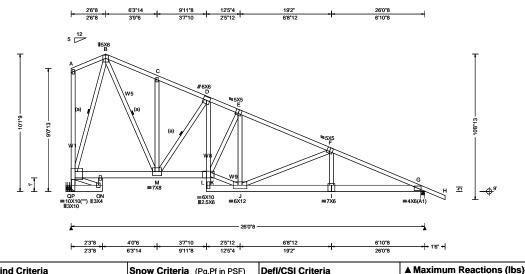
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 141712 SPEC Ply: 2 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T70 FROM: Qty: 1 DrwNo: 003.23.0855.23113 Truss Label: C09 KD / DF 01/03/2023

2 Complete Trusses Required



Loading Criteria (psf) Win		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria		
	TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.145 J 999 240		
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.285 J 999 180		
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.112 B		
	Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.185 B		
	NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
	Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.649		
	Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.241		
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.662		
	-	Loc. from endwall: Any	FT/RT:20(0)/10(0)			
		GCpi: 0.18	Plate Type(s):			
		Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17		
		•	•	•		

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W1,W8,W9 2x4 SP M-31; W5 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member

Nailnote

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

in each row to avoid splitting.

Special Loads

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From BC: From 62 plf at 10 plf at 0.00 to 62 plf at 10 plf at 27.54 0.00 to 12.44 20 plf at 12.44 to 20 plf at 26.04 BC: From 4 plf at 26.04 to 4 plf at 122 lb Conc. Load at 1.56 121 lb Conc. Load at 3.56, 5.56, 7.56, 9.56 412 lb Conc. Load at 11.54

Plating Notes

All plates are 2X4 except as noted.

BC: 3833 lb Conc. Load at 12.44

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

Wind loads and reactions based on MWFRS.

Left end vertical exposed to wind pressure. Deflection meets L/360

Wind loading based on both gable and hip roof types.

Laterally brace chord member above/below filler @ 24"O.C. or as specified, including a brace at chord ends.

Loc R+ /Rh /Rw /U /RL 3655 /-/2785 /-3293 /1604 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 1097 - 1603 1917 - 3459

Non-Gravity

1946

Gravity

C - D

D-E

Maximum Bot Chord Forces Per Ply (lbs)

Cilolus	rens.comp.	CHOIGS	rens. Comp.
P - O	504 - 356	J - I	3457 - 1786
O - M	502 - 343	I-G	3458 - 1784
MK	2701 1675		

Maximum Web Forces Per Ply (lbs)

1098 - 1600

1831 - 3064

webs	rens.Comp.	webs	i ens.	Comp.
Q - P	1323 - 1802	D-K		- 1263
P - B	1202 - 1780	K - E	157	- 752
B - M	2410 - 1668	K - J	3459	- 1923
M - D	1205 - 2399	E - J	728	- 106



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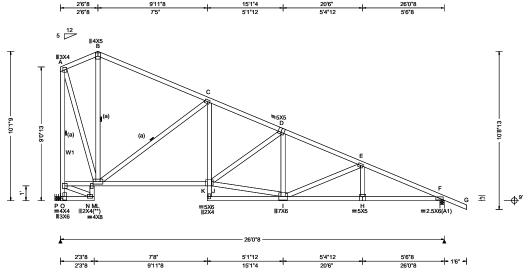
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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



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

SEQN: 108165 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T59 FROM: DrwNo: 003.23.0855.25613 Qty: 1 Truss Label: C10 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.086 D 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.172 I 999 180	le
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.055 B	F
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes	-HORZ(TL): 0.110 B Creep Factor: 2.0 Max TC CSI: 0.556 Max BC CSI: 0.647 Max Web CSI: 0.849	V F B
Opuonig. 2 no	Loc. from endwall: Any GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):		9
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17] [
Lumber				- (

▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity							
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL		
Р	1054	/-	/-	/650	/197	/421		
F	1172	/-	/-	/716	/205	/-		
Win	d read	tions ba	sed on	MWFRS				
Р	Brg V	Vid = -	Min	Req = -				
F	Brg V	Vid = 3.5	Min	Req = 1.5	(Trus	s)		
Bea	ring F	is a rigio	Surfac	e.	-			
Men	nbers	not listed	have	forces les	s than 3	375#		
Max	Maximum Top Chord Forces Per Ply (lbs)							
Cho	rds T	ens.Con	np.	Chords	Tens.	Comp.		
В-(0	341 -4	423	D-E	716	- 1658		
C - I	Ď	644 - 13	360	E-F	849	- 2170		

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

Webs: 2x4 SP #3; W1 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

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

Hangers / Ties

(J) Hanger Support Required, by others

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Laterally brace chord member above/below filler @ 24"O.C. or as specified, including a brace at chord ends.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
P - M	993	- 418	L-J	1209	- 262
O - N	618	- 162	I - H	1945	- 672
N - L	577	- 157	H-F	1949	- 670

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
A - O	538 - 1060	L-C	537	- 1134
A - L	980 - 405	C - J	646	- 166
P - O	522 - 1031	J - I	1488	- 428
O - M	462 - 1109	I - E	285	- 521
N - M	405 - 152			

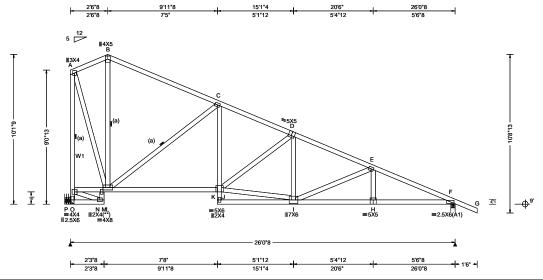
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SEQN: 141680 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T60 FROM: DrwNo: 003.23.0855.27907 Qty: 1 Truss Label: C11 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lb	s)
TCLL: 20.00	Wind Std: ASCE 7-16	Pa: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.085 I 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.171 I 999 180	P 1054 /- /-	/650 /197 /421
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.053 B	F 1172 /- /-	/716 /205 /-
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.106 B	Wind reactions based on M	
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	P Brg Wid = - Min Re	- 1
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.556	F Brg Wid = 3.5 Min Re Bearing F is a rigid surface.	eq = 1.5 (Truss)
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.642	Members not listed have for	res less than 375#
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.884	Maximum Top Chord Ford	
	Loc. from endwall: Any	FT/RT:20(0)/10(0)			hords Tens. Comp.
	GCpi: 0.18	Plate Type(s):		D 0 045 447 D	E 740 4050
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17		- E 716 - 1658 - F 849 - 2170
Lumber				C-D 030-1322 E	-1 049 -2170

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

Webs: 2x4 SP #3; W1 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on

Plating Notes

All plates are 3X4 except as noted.

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

Hangers / Ties

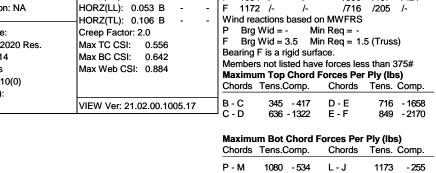
(J) Hanger Support Required, by others

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Laterally brace chord member above/below filler @ 24"O.C. or as specified, including a brace at chord ends



A - L

P - 0

O - M

Chords	Tens.Comp.		Chords	Tens. Comp.	
P - M	1080	- 534	L-J	1173	- 255
O - N	619	- 162	I - H	1945	- 672
N - L	579	- 157	H-F	1949	- 670

Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Webs Tens.Comp. A - O 547 - 1060 L-C 529 - 1109 980 - 412

521 - 1031

576 - 1175

C-J

J - I

I-E

630

1471

285

- 163

- 422

- 521



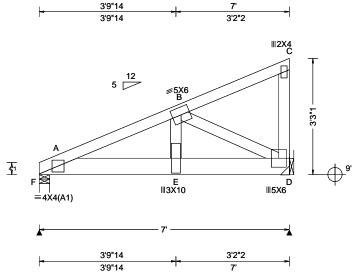
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SEQN: 107897 MONO Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T72 FROM: DrwNo: 003.23.0855.36190 Qty: 1 Truss Label: C12 KD / DF 01/03/2023



TCLL: 20.00	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Wind Duration: 1.60 WAVE VIEW Ver: 21.02.00.1005.17	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.026 E 999 240 VERT(CL): 0.053 E 999 180 HORZ(LL): -0.008 C HORZ(TL): 0.017 C Creep Factor: 2.0 Max TC CSI: 0.356 Max BC CSI: 0.489 Max Web CSI: 0.698

	A N	laxim	ım Re	actions (I	bs)			
		G	ravity	•	No	on-Grav	vity	
)	Loc	R+	/ R-	/Rh	/Rw	/ U	/ RL	
)	F	1607	/-	/-	/-	/288	/-	
	-		/-	•	, /-	/242		
	Wind reactions based on MWFRS							
	F	Brg V	Vid = 3	.5 Min	Req = 1.5	(Trus	s)	
	D	Brg V	Vid = -	Min	Req = -			
	Bea	aring F	is a riç	gid surface	е.			
	Mei	mbers	not list	ted have f	orces less	s than 3	375#	
	Maximum Top Chord Forces Per Ply (lbs)							
	Cho	ords 7	Tens.C	omp.				
	Α-	R	431 -	2382				
	,,,-	_	-01	2002				

Lumber

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

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 31 plf at 0.00 to 31 plf a BC: From 10 plf at 0.00 to 10 plf a BC: 888 lb Conc. Load at 1.60, 3.06, 5.06 31 plf at 10 plf at 7 00

Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS.

Right end vertical exposed to wind pressure.

Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - E 2203 - 396 2099

Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs 1833 - 306 B-D 424 - 2354



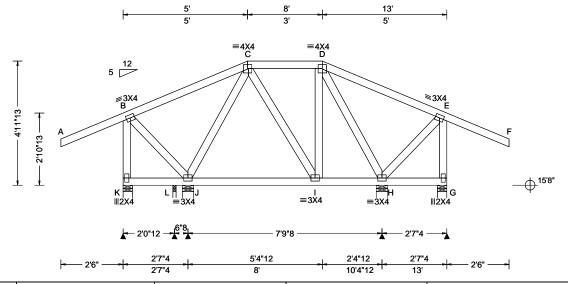
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SEQN: 108295 HIPS Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T36 FROM: DrwNo: 003.23.0859.51463 Qty: 1 Truss Label: D01 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.005 I 999 240 VERT(CL): 0.010 I 999 180 HORZ(LL): 0.002 E	
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 19.09 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.005 E Creep Factor: 2.0 Max TC CSI: 0.525 Max BC CSI: 0.345 Max Web CSI: 0.419	1 0
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	

▲ Maximum Reactions (lbs)							
	G	avity	-	No	on-Grav	vity	
Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
ĸ	303	/-	/-	/-	/135	/-	
L	-	/-136	/-	/-	/38	/-	
J	959	/-	/-	/-	/86	/-	
Н	735	/-	/-	/-	/163	/-	
G	348	/-	/-	/-	/115	/-	
Wi	nd read	ctions ba	sed on N	/WFRS			
K	Brg V	Vid = 4.5	Min F	Req = 1.5	(Trus	s)	
L		Vid = 1.5	Min F	Req = 1.5	5		
J	Brg V	Vid = 5.5	Min F	Req = 1.5	(Trus	s)	
Н	Brg V	Vid = 5.5	Min F	Req = 1.5	(Trus	s)	
G	Brg V	Vid = 4.5	Min F	Req = 1.5	(Trus	s)	
Bearings K, L, J, H, & G are a rigid surface.							
Members not listed have forces less than 375#							
Maximum Web Forces Per Ply (lbs)							
We	ebs -	Tens.Co	mp. ۱	Nebs	Tens.	Comp.	

D-H

J - C

189 - 696

Lumber

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

Special Loads

(Lumber	Dur.Fac.=1.	.25 / Plate [Our.Fac.=1.2	25)
TC: From	62 plf at	-2.50 to	62 plf at	5.00
TC: From	31 plf at	5.00 to	31 plf at	8.00
TC: From	62 plf at	8.00 to	62 plf at	15.50
BC: From	4 plf at	-2.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.03
BC: From	10 plf at	5.03 to	10 plf at	7.97
BC: From	20 plf at	7.97 to	20 plf at	13.00
BC: From	4 plf at	13.00 to	4 plf at	15.50
TC: 269 lb	Conc. Load	at 5.03, 7.	97	
TC: 113 lb	Conc. Load	at 6.56		
BC: 83 lb	Conc. Load	at 5.03, 7.	97	
BC: 100 lb	Conc. Load	at 6.56		

Wind loads and reactions based on MWFRS. End verticals exposed to wind pressure. Deflection meets L/360

Wind loading based on both gable and hip roof types.

THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.



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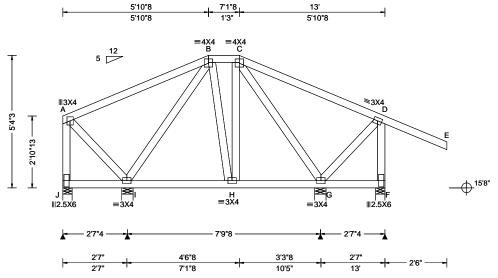
155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

- 760

167

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

SEQN: 141684 HIPS Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T84 FROM: DrwNo: 003.23.0859.54490 Qty: 1 Truss Label: D02 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.002 H 999 240
BCDL	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.005 H 999 180 HORZ(LL): 0.001 D
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 19.27 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	HORZ(TL): 0.003 D Creep Factor: 2.0 Max TC CSI: 0.602 Max BC CSI: 0.122 Max Web CSI: 0.254
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17

	▲ M	laxim	um Rea	actions (lbs)		
		G	ravity		No	on-Grav	vity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	J	172	/-	/-	/80	/46	/150
.	Ĺ	349	/-	/-	/236	/75	/-
.	G	372	/-	/-	/222	/91	/-
	F	346	/-	/-	/198	/105	/-
	Wir	nd read	ctions b	ased on	MWFRS		
	J	Brg V	Vid = 4	.5 Min	Req = 1.5	(Trus	s)
	1	Brg V	Vid = 5	.5 Min	Req = 1.5	(Trus	s)
		Brg V	Vid = 5	.5 Min	Req = 1.5	(Trus	s)
	F	Brg V	Vid = 4	.5 Min	Req = 1.5	(Trus	s)
	Bea	arings	J, I, G,	& F are a	a rigid surf	ace.	
	Mei	mbers	not list	ed have t	forces less	than 3	375#

Lumber

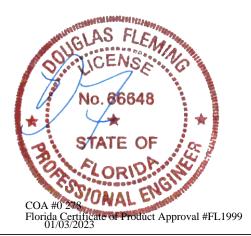
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Wind

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

End verticals exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



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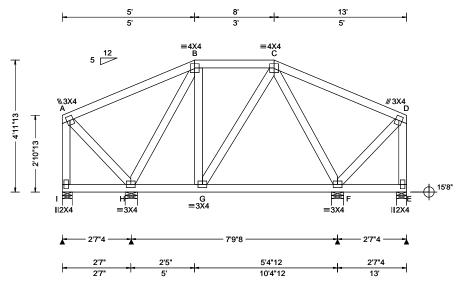
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SEQN: 141686 HIPS Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T41 FROM: DrwNo: 003.23.0859.59857 Qty: 1 Truss Label: D03 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.002 G 999 240 VERT(CL): 0.004 G 999 180 HORZ(LL): 0.001 D -
NCBCLL: 10.00 Soffit: 2.00	Mean Height: 19.61 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.002 D Creep Factor: 2.0 Max TC CSI: 0.429 Max BC CSI: 0.165 Max Web CSI: 0.205
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ M	laxim	um Rea	ctions	(lbs)		
		G	ravity		No	on-Grav	vity
٥l	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
ō	ī	159	/-	/-	/89	/38	/144
	Н	366	/-	/-	/222	/101	/-
.	F	400	/-	/-	/230	/76	/-
	Е	140	/-	/-	/58	/53	/-
	Win	d read	ctions b	ased on	MWFRS		
	1	Brg V	Vid = 4.	5 Min	Req = 1.5	(Trus	s)
	Н	Brg V	Vid = 5.	5 Min	Req = 1.5	(Trus	s)
	F	Brg V	Vid = 5.	5 Min	Req = 1.5	(Trus	s)
	Е	Brg V	Vid = 4.	5 Min	Req = 1.5	(Trus	s)
	Bea	rings	l, H, F,	& E are	a rigid surf	face.	
	Mer	nbers	not liste	ed have	forces less	s than 3	375#

Lumber

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

Wind

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

End verticals exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



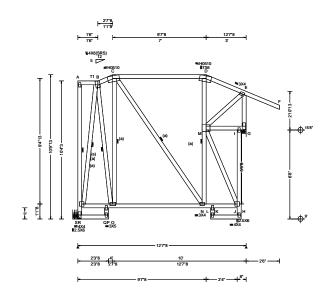
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SEQN: 141690 SPEC Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T44 FROM: DrwNo: 003.23.0900.23257 Qty: 1 Truss Label: D04 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.067 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): -0.071 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.074 G
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 18.67 ft		HORZ(TL): 0.077 G
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.743
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.632
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.725
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17

9.62

15.12 9.62

12.62

Wind loads and reactions based on MWFRS. End verticals exposed to wind pressure. Deflection

Wind

meets L/360.

Wind loading based on both gable and hip roof types.

Loc R+ /Rh /Rw /U / RL s 646 /1570 /-835 /-/1324 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = Brg Wid = 4.5 Min Req = 1.5 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. C-D 438 - 176

Non-Gravity

▲ Maximum Reactions (lbs) Gravity

Maximum Bot Chord Forces Per Ply (lbs)						
Chords	Tens.C	comp.	Chords	Tens. (Comp.	
O - N N - K		- 438 - 428	K-J	172	- 430	

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. Webs Tens. Comp. S-R 1454 -608 M - J 1039 -412 1464 M - E R-B - 589 247 -615 B - O 582 - 1619 1 - J 391 - 919 C-O E-G 1249 - 427 551 - 498 M - D 1040 - 336

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 62 plf at 0.00 to 62 plf at 31 plf at TC: From 31 plf at 1.50 to TC: From BC: From 62 plf at 10 plf at 9.62 to 0.00 to 62 plf at 10 plf at BC: From 20 plf at 9.62 to 20 plf at

Top chord: 2x4 SP M-31; T1 2x4 SP #2;

4 plf at 12.62 to BC: From 4 plf at 44 lb Conc. Load at 1.56 TC: TC: 94 lb Conc. Load at 3.56, 5.56, 7.56 107 lb Conc. Load at 9.59

(a) Continuous lateral restraint equally spaced on

85 lb Conc. Load at 1.56 BC:

24 lb Conc. Load at 3.56, 5.56, 7.56

43 lb Conc. Load at 9.56

Plating Notes

Lumber

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

Special Loads

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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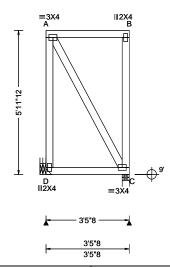
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SEQN: 108098 FLAT Ply: 2 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T74 DrwNo: 003.23.0900.36910 FROM: Qty: 1 Truss Label: E01 KD / DF 01/03/2023

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 A
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.001 A
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.116
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.391
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.021
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber		Additional Natas	

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL D 1047 /-/259 /-/-872 /310 Wind reactions based on MWFRS Brg Wid = -Min Reg = Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing C is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 3.00" o.c. Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 0.00 to 60 plf at 60 plf at 10 plf at 10 plf at 0.00 to BC: From BC: 414 lb Conc. Load at 0.29 402 lb Conc. Load at 1.09 539 lb Conc. Load at 1.94 322 lb Conc. Load at 3.09

Hangers / Ties

(J) Hanger Support Required, by others

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

Wind

Wind loads and reactions based on MWFRS.

End verticals exposed to wind pressure. Deflection meets L/360.

Additional Notes

Truss must be installed as shown with top chord up.



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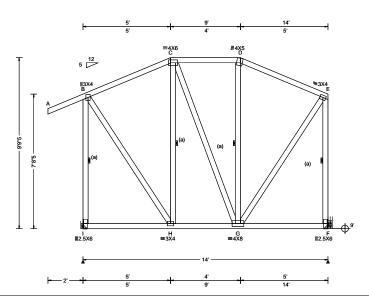
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SEQN: 108100 MONO Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T47 Qty: 1 DrwNo: 003.23.0900.56450 FROM: Page 1 of 2 Truss Label: E02 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.019 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.038 D 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.003 D
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.32 ft	Duitdia - Onder	HORZ(TL): 0.006 D
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.399
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.257
Spacing: 24.0 "	C&C Dist a: 3.00 ft	-17	Max Web CSI: 0.387
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ M	▲ Maximum Reactions (lbs)					
	Gravity Non-Gravity					
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
1	1224	/-	/-	/-	/330	/-
F	1061	/-	/-	/-	/266	/-
Win	d read	tions ba	sed on	MWFRS		
1	Brg V	/id = -	Min	Req = -		
F	Brg V	/id = -	Min	Req = -		
Men	nbers	not liste	d have	forces les	s than 3	375#
Max	imum	Top C	hord F	orces Per	Ply (lb	s)
Cho	rds T	ens.Co	mp.	Chords	Tens.	Ćomp.
В-0	2	155 -	572	D-E	155	- 570
C - I)	119 -	474			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on

Special Loads

•				
(Lumber	Dur.Fac.=1.	25 / Plate D	Dur.Fac.=1.2	25)
TC: From	62 plf at	-2.00 to	62 plf at	5.00
TC: From	31 plf at	5.00 to	31 plf at	9.00
TC: From	62 plf at	9.00 to	62 plf at	14.00
BC: From	4 plf at	-2.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.03
BC: From	10 plf at	5.03 to	10 plf at	8.97
BC: From	20 plf at	8.97 to	20 plf at	14.00
TC: 279 lb	Conc. Load	at 5.03		
TC: 128 lb	Conc. Load	at 7.00		
	Conc. Load			
	Conc. Load			
BC: 100 lb	Conc. Load	at 7.00		
BC: 179 lb	Conc. Load	at 8.97		

Wind

Wind loads and reactions based on MWFRS.

End verticals exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

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

H - G 470 - 117

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
B-I	350 - 1185	G - E	839 - 214	
B-H	839 - 209	E - F	285 - 1018	



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SEQN: 108100 MONO Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T47 FROM: DrwNo: 003.23.0900.56450 Qty: 1 Page 2 of 2 Truss Label: E02 KD / DF 01/03/2023

Hangers / Ties

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

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

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

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

(J) Hanger Support Required, by others



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

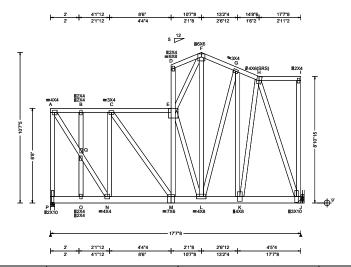
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SEQN: 141776 SPEC Ply: 3 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T31 FROM: DrwNo: 003.23.0903.12867 Qty: 1 Truss Label: E03 KD / DF 01/03/2023

3 Complete Trusses Required



	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
1	TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
1		Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.071 D 999 240
1	DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.103 D 999 180
1	DCDL. 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.048 G
1	Dec I d: 10 00	EXP: C Kzt: NA		HORZ(TL): 0.073 G
1	NCBCLL: 0.00	Mean Height: 17.64 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
1	Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.237
1		MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.182
1		C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.710
1	. •	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
1		GCpi: 0.18	Plate Type(s):	
Į		Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 3.50" o.c. Webs : 1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

(Lumbe	r Dur.Fac.=1.	25 / Plate	Dur.Fac.=1.2	25)
TC: From	62 plf at	0.00 to	62 plf at	17.6
BC: From	20 plf at	0.00 to	20 plf at	17.6
TC: 392 lb	Conc. Load	at 0.17		
TC: 20 lb	Conc. Load	at 1.21		
TC: 353 lb	Conc. Load	at 3.21		
TC: 303 lb	Conc. Load	at 5.19		
TC: 172 lb	Conc. Load	at 7.19		
TC: 159 lb	Conc. Load	at 8.06		
BC: 199 lb	Conc. Load	at 1.69		
BC: 973 lb	Conc. Load	at 3.56		
BC: 646 lb	Conc. Load	at 10.06		
BC: 3655 lb	Conc. Load	at 13.25	+	
BC: 1054 lb	Conc. Load	at 15.19,1	7.19	

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind loads and reactions based on MWFRS. End verticals exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

+ PROVIDE (9) 0.131"X3.0" GUN NAILS IN AREA OF CONCENTRATED LOAD OPPOSITE HANGER, WITHOUT SPLITTING LUMBER.

Gravity			No	n-Grav	ity	
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
Р	4130	/-	/-	/-	/2185	/-
J	6289	/-	/-	/-	/3664	/-
Win	d reac	tions bas	sed on	MWFRS		
Р	Brg W	/id = 3.5	Min	Req = 1.5	(Truss	i)
J	Brg W	/id = -	Min	Req = -		
Bea	ring P	is a rigid	surfac	e.		
Mer	nbers	not listed	I have t	forces less	than 3	75#
Max	timum	Top Ch	ord Fo	rces Per	Ply (lbs	s)
Cho	rds T	ens.Con	ıp.	Chords	Tens.	Comp.
A - I	В	415 - 7	720	F-G	552	- 728
B - (C	415 - 7	720	G-H	582	- 833
C - I	E	762 - 10)58			

▲ Maximum Reactions (lbs)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	I ens.C	comp.	Chords	Tens. (Jomp.
N - M M - L		- 440 - 755			- 521 - 387

Maximum Web Forces Per Plv (lbs)

Webs	Tens.Comp	o. Webs	Tens.	Comp.
——— А - Р	707 - 128	30 E-F	1111	- 1462
A - Q	1347 - 77	73 E-L	721	- 1108
Q - N	1337 - 77	73 F-L	1471	- 1137
N - C	549 - 69	96 K-H	1226	- 861
C - M	537 - 57	74 H-J	1191	- 1709
M - F	384 - 43	35		



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

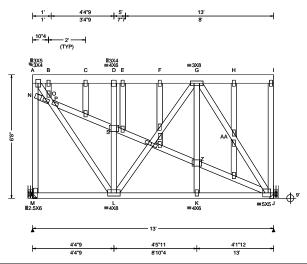
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SEQN: 141708 SPEC Ply: 3 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T53 FROM: DrwNo: 003.23.0903.43617 Qty: 1 Truss Label: E04 KD / DF 01/03/2023

3 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.030 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.038 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 J
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 J
NCBCLL: 0.00	Mean Height: 15.67 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.094
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.463
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.617
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @ 5.25" o.c. Bot Chord: 1 Row @ 6.00" o.c. Webs : 1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

(Lumber	Dur.Fac.=1.	25 / Plate D	our.Fac.=1.2	25)
TC: From	30 plf at	0.00 to	30 plf at	9.06
TC: From	60 plf at	9.06 to	60 plf at	13.00
BC: From	10 plf at	0.00 to	10 plf at	13.00
TC: 384 lb	Conc. Load	at 0.04		
TC: 354 lb	Conc. Load	at 1.09, 9.	91	
TC: 835 lb	Conc. Load	at 3.06		
TC: 140 lb	Conc. Load	at 5.06		
TC: 346 lb	Conc. Load	at 5.94		
TC: 348 lb	Conc. Load	at 7.94		
TC: 20 lb	Conc. Load	at 11.91		
TC: 392 lb	Conc. Load	at 12.96		
BC: 535 lb	Conc. Load	at 1.06, 3.	06, 5.06, 7.	06
9.06,11.06				

Plating Notes

All plates are 2X4 except as noted.

THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind loads and reactions based on MWFRS. End verticals exposed to wind pressure. Deflection meets L/360.

Additional Notes

llad as abou Truss

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL М 3833 /-/1832 /-3189 /-/-/1064 /-Wind reactions based on MWFRS M Brg Wid = -Min Reg = -Brg Wid = -Min Req = -Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords A - B 319 - 637 D-E 348 -672 349 B - C 350 - 674 -673 C-D 352 349 - 675 -673

Maximu	ım Bot Chord	Forces Per	Ply (lbs	5)
Chords	Tens.Comp.	Chords	Tens.	Comp.

445 - 90 451 - 93

Maximum Web Forces Per Ply (lbs)				
Webs	Tens.Comp.	Webs	Tens.	Comp.
A - N	588 - 1127	S-L	383	- 328
A - O	1169 - 621	G - Z	435	-72
M - N	584 - 1125	G -AA	381	- 994
O - P	1046 - 517	Z - K	424	- 69
P-L	861 - 353	AA- J	384	- 1003

999 01/03/2023

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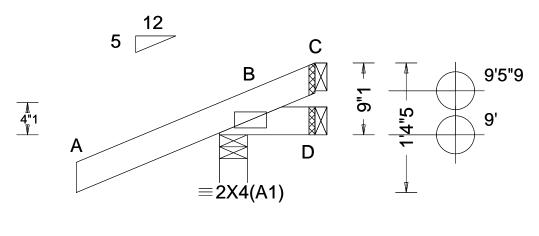
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 107997 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T14 FROM: Qty: 14 DrwNo: 003.23.0903.46450 Truss Label: J01 KD / DF 01/03/2023



-	1'
10	1'

Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCbi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B HORZ(TL): 0.000 B Creep Factor: 2.0 Max TC CSI: 0.236 Max BC CSI: 0.029 Max Web CSI: 0.000
	GCpi: 0.18 Wind Duration: 1.60		VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 251 /-/187 /32 D /-18 /-/17 /16 /-3 /-/-51 /34 /45 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Brg Wid = 1.5 Min Req = -Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



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SEQN: 107288 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T20 FROM: DrwNo: 003.23.0903.50390 Qty: 4 Truss Label: J01HJ KD / DF 01/03/2023 5'5"1 9'10"13 5'5"1 4'5"12 D Ĉ 3"13 G ∥2X4 F E ≡4X4 =2X4(A1) 5'5"1 4'2"4 5'5"1 9'7"5 ▲ Maximum Reactions (lbs) Gravity Non-Gravity

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.023 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.046 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.009 F
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.560
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.223
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.353
-	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			•

Lumber

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

Loading

Hipjack supports 7-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types. В Е Wind reactions based on MWFRS Bearing B is a rigid surface. Members not listed have forces less than 375#

> Chords Tens.Comp. B - C 141 -838

Brg Wid = 4.9

Brg Wid = 1.5

Brg Wid = 1.5

Loc R+

457

377

239

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

Maximum Top Chord Forces Per Ply (lbs)

/Rh

/-

/Rw /U

Min Req = 1.5 (Truss)

Min Req = -

Min Req = -

/RL

/-

/14 /-

/93

B - G 785 - 129 G-F 776 - 134

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. C-F 144 - 837



Florida Certificate of Product Approval #FL1999 01/03/2023

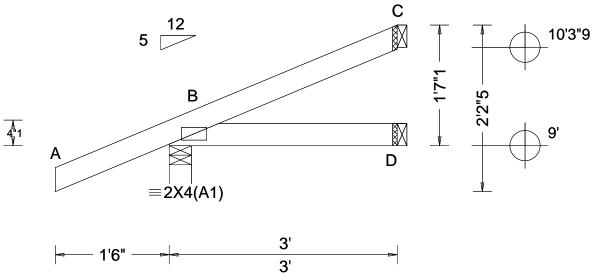
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SEQN: 107265 **JACK** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T13 FROM: Qty: 8 DrwNo: 003.23.0903.52357 Truss Label: J02 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.238
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.061
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 259 /179 /61 D 48 /-/26 61 /31 /31 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Brg Wid = 1.5 Min Req = -Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



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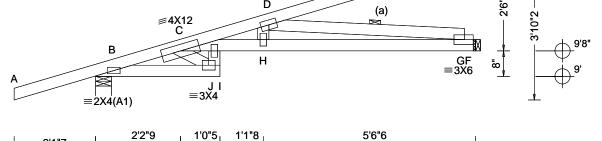
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

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

SEQN: 108003 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T35 FROM: DrwNo: 003.23.0903.57290 Qty: 1 Truss Label: J02HJ KD / DF 01/03/2023 4'4"7 9'10"13 4'4"7 5'6"6 Ε ≢3X5 D (a)



2'2"9

3'2"14

4'4"7

Chords Tens.Comp. Chords Tens. Comp. B - C 64 - 563 C-D 306 - 1892

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

Min Req =

Min Req = -

Non-Gravity

/RL

/-

/Rw /U

Min Req = 1.5 (Truss)

/4

▲ Maximum Reactions (lbs) Gravity

/Rh

/-

Wind reactions based on MWFRS Brg Wid = 4.9

Brg Wid = 1.5

Brg Wid = 1.5

Bearing B is a rigid surface.

Loc R+

324

292

В 457

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords B - I 492 - 47 J - H 1840 - 304 1896 - 306 C-J H-G 1795 - 315

9'10"13

Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs C - I 58 - 646 D - G 318 - 1810

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; **Bracing**

(a) Continuous lateral restraint equally spaced on

Plating Notes

Top chord: 2x4 SP #2;

All plates are 2X4 except as noted.

Hipjack supports 7-0-0 setback jacks with no webs.

Wind

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



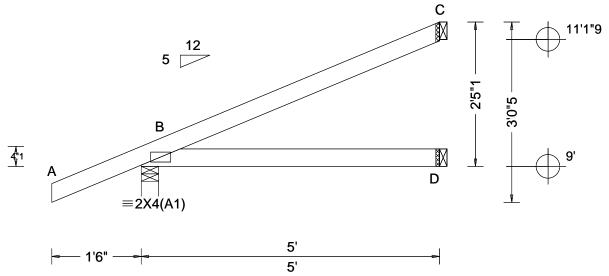
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SEQN: 107267 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T12 FROM: DrwNo: 003.23.0903.59653 Qty: 8 Truss Label: J03 KD / DF 01/03/2023



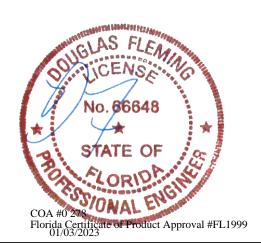
TCLL: 20.00 Wind Std: ASCE 7-16 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA Na Na Na VERT(CL): NA VERT(CL): NA Na	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
GCp: 0.18 Plate Type(s):	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 B HORZ(TL): 0.008 B Creep Factor: 2.0 Max TC CSI: 0.374 Max BC CSI: 0.228 Max Web CSI: 0.000

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 328 /218 /91 D 89 /-/48 /-125 /69 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

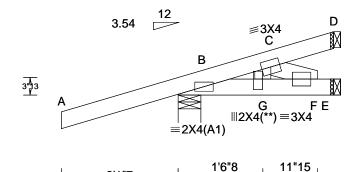
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

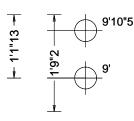
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

SEQN: 108116 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T90 FROM: Qty: 2 DrwNo: 003.23.0904.02410 Truss Label: J03HJ KD / DF 01/03/2023





1'6"8



2'6"7

			<u>7'9"15</u>
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): -0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.275
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.046
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.035
-	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

2'1"7

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw / U /RL В 162 /-/46 /-Е /-22 /-/13 /-20 Wind reactions based on MWFRS Brg Wid = 4.9 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

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

Plating Notes

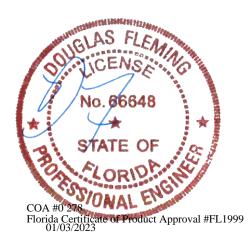
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Loading

Hipjack supports 2-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.



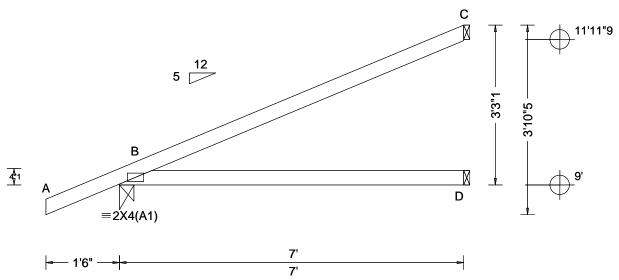
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 107137 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T18 FROM: Qty: 23 DrwNo: 003.23.0904.04297 Truss Label: J04 KD / DF 01/03/2023



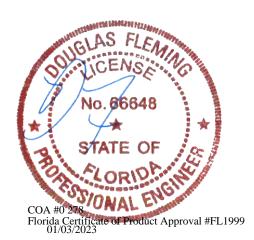
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Wind Stid: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code:	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 B HORZ(TL): 0.028 B Creep Factor: 2.0
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max TC CSI: 0.768 Max BC CSI: 0.504 Max Web CSI: 0.000
Lumbor	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 404 /264 /120 128 /-/71 185 /103 /85 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



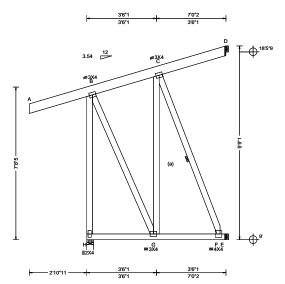
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 108083 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T7 FROM: DrwNo: 003.23.0904.06687 Qty: 1 Truss Label: J04HJ KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.007 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.007 B
NCBCLL: 0.00	Mean Height: 17.30 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.164
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.134
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.592
' '	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

AI	Maxim	um Rea	ctions (I	bs)				
	Gravity			Non-Gravity				
Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
н	386	/-	/-	/-	/19	/173		
E	116	/-	/-	/-	/82	/-		
D	152	/-	/-	/-	/65	/-		
Wi	Wind reactions based on MWFRS							
Н	H Brg Wid = 4.2 Min Req = 1.5 (Truss)							
E	E Brg Wid = 1.5 Min Req = -							
D	D Brg Wid = 1.5 Min Req = -							
Be	Bearing H is a rigid surface.							
Members not listed have forces less than 375#								
			Forces P					
		Tens.Co		··· · · · · · · · · · · · · · · · · ·	,			

24 - 384

H - B

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on

Loading

Hipjack supports 4-11-8 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

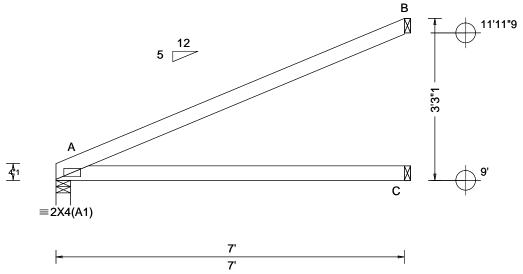
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

SEQN: 107395 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T8 FROM: DrwNo: 003.23.0904.08360 Qty: 1 Truss Label: J05 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.017 A
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.034 A
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.819
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.523
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000
'	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
Lumbar	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 292 /178 /102 130 /-/-/76 /108 191 /87 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing A is a rigid surface. Members not listed have forces less than 375#

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

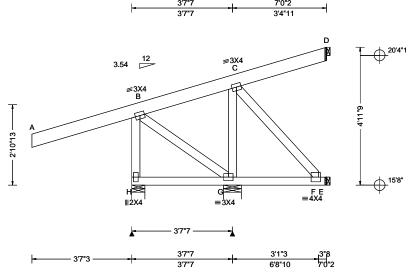
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

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

SEQN: 108321 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T50 FROM: DrwNo: 003.23.0904.10267 Qty: 1 Truss Label: J05HJ KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-16 Speed: 130 mph	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(LL): 0.001 B 999 240 VERT(CL): 0.002 B 999 180 HORZ(LL): -0.000 D		
Des Ld: 40.00 NCBCLL: 0.00	EXP: C Kzt: NA Mean Height: 19.07 ft	Building Code:	HORZ(TL): 0.001 D Creep Factor: 2.0		
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	FBC 7th Ed. 2020 Res. TPI Std: 2014	Max TC CSI: 0.277 Max BC CSI: 0.059		
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: NA	Rep Fac: No FT/RT:20(0)/10(0)	Max Web CSI: 0.112		
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17		
Lumber					

	▲ Maximum Reactions (lbs)								
	Gravity				Non-Gravity				
	Loc	R+	/ R-	/ Rh	/Rw	/U	/ RL		
	н	392	/-	/-	/-	/162	/69		
	G	198	/-	/-	/13	/-	/-		
	Е	-	/-17	/-	/5	/-	/-		
	D	156	/-	/-	/-	/73	/-		
	Wind reactions based on MWFRS								
	H Brg Wid = 5.6 Min Req = 1.5 (Truss)								
	G	Brg V	Vid = 7.8	Min Re	q = 1.5	(Truss	s)		
	Е	Brg V	Vid = 1.5	Min Re	q = -				
	D	Brg V	Vid = 1.5	Min Re	q = -				
_	Bearings H & G are a rigid surface.								
	Mer	nbers	not listed	have for	es less	than 3	375#		
	Maximum Web Forces Per Ply (lbs)								
	Webs Tens.Comp.								

H - B

167 - 390

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

Loading

Hipjack supports 4-11-8 setback jacks with no webs.

Wind

Wind loads and reactions based on MWFRS.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



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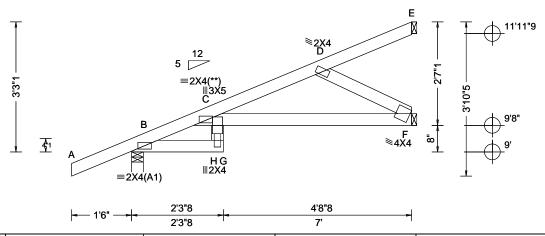
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SEQN: 107988 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T78 FROM: Qty: 4 DrwNo: 003.23.0904.18390 Truss Label: J06 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.064 G 999 240 VERT(CL): 0.112 G 733 180 HORZ(LL): 0.027 F HORZ(TL): 0.054 F Creep Factor: 2.0 Max TC CSI: 0.427 Max BC CSI: 0.323 Max Web CSI: 0.156
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ Maximum Reactions (lbs)							
ŧ	Gravity				Non-Gravity			
40	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL	_
80	В	398	/-	/-	/260	/57	/120	
-	F	244	/-	/-	/163	/50	/-	
-		35	/-10	/-	/14	/19	/-	
	Wind reactions based on MWFRS							
	B Brg Wid = 3.5 Min Req = 1.5 (Truss)							
	F Brg Wid = 1.5 Min Req = -							
	E Brg Wid = 1.5 Min Req = -							
	Bearing B is a rigid surface.							
	Members not listed have forces less than 375#							
	Maximum Bot Chord Forces Per Ply (lbs)							
	Chords Tens.Comp.							

H-F 311 - 402

Plating Notes

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

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

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

Wind loading based on both gable and hip roof types.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.

Maximum Web Forces Per Ply (lbs)

Tens.Comp. Webs D-F 475 - 364



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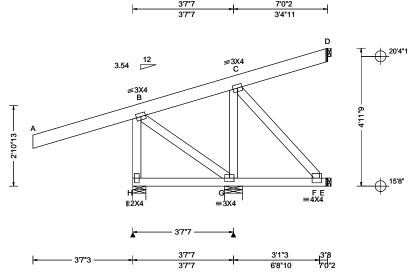
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

SEQN: 108309 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T19 FROM: DrwNo: 003.23.0904.20637 Qty: 1 Truss Label: J06HJ KD / DF 01/03/2023



Loading Criteria (psf	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 D
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 D
NCBCLL: 0.00	Mean Height: 19.07 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.277
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.059
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.112
-	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ M	▲ Maximum Reactions (lbs)						
	G	ravity		No	on-Grav	∕ity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Н	392	/-	/-	/-	/162	/69	
	198		/-	/13	/-		
Ē	-	/-17	/-	/5	/-	/-	
D	156	/-	/-	/-	/73	/-	
Win	Wind reactions based on MWFRS						
Н	Brg V	Vid = 5.	6 Min F	Req = 1.5	(Trus	s)	
G	Brg V	Vid = 7.	8 Min F	Req = 1.5	(Trus	s)	
E	Brg V	Vid = 1.	5 Min F	Req = -			
D	Brg V	Vid = 1.	5 Min F	Req = -			
Bea	rings	H & G a	re a rigid	surface.			
Mer	nbers	not liste	ed have fo	orces less	s than 3	375#	
Max	cimun	n Web F	Forces Po	er Ply (lb	s)		
Wel	bs 1	Tens.Co	mp.				

H - B

167 - 390

Lumber

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

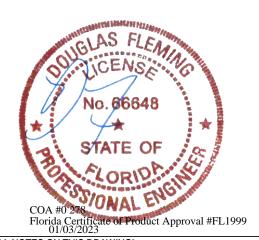
Loading

Hipjack supports 4-11-8 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

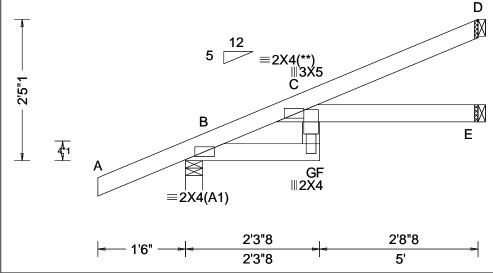
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

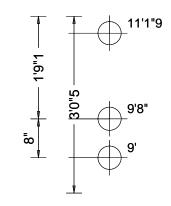
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SEQN: 108317 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T46 FROM: Qty: 2 DrwNo: 003.23.0904.25933 Truss Label: J07 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffii: 2.00 Load Duration: 1.25	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014	Defl/CSI Criteria
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max Web CSI: 0.109 VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 328 /218 /91 76 /-/42 /-130 /74 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

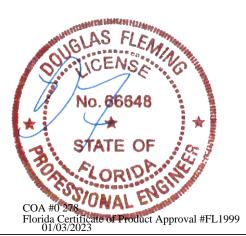
Plating Notes

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

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

Wind loading based on both gable and hip roof types.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



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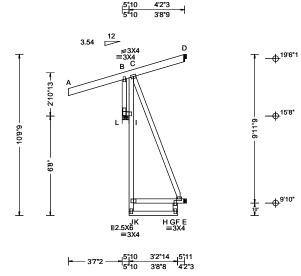
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SEQN: 141688 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T57 FROM: Qty: 1 DrwNo: 003.23.0904.34777 Truss Label: J07HJ KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
1.022. 20.00	Wind Std: ASCE 7-16 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.002 B 999 240
BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.003 B 999 180 HORZ(LL): -0.028 J HORZ(TL): 0.033 J
NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25	Mean Height: 18.65 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: NA GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.245 Max BC CSI: 0.027 Max Web CSI: 0.176
Lumba	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ N	laxim	um Rea	ctions (II	os)			
		G	ravity		No	on-Grav	/ity	
10	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
30	1	384	/-	/-	/-	/123	/50	
-	Ē	20		/-	/-	/0	/-	
-	D	12	/-	/-	/-	/13	/-	
	1		/-331					
	Wir	nd read	ctions b	ased on N	/WFRS			
	L			6 Min F		(Truss	s)	
	Ε	Brg V	Vid = 1.	5 Min F	Req = -	•		
	D	Brg V	Vid = 1.	5 Min F	Req = -			
	Bea	aring L	is a rig	id surface).			
	Me	mbers	not liste	ed have fo	orces less	s than 3	375#	
	Ma	ximun	n Web I	Forces Po	er Ply (lb	s)		
	We	bs 1	Tens.Co	mp.		-		

275 - 714

B-L

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

Hipjack supports 2-11-8 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



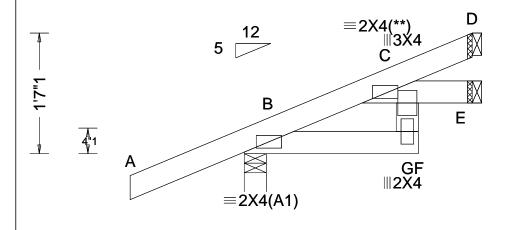
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

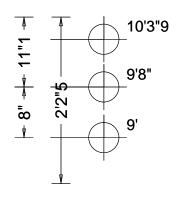
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SEQN: 108325 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T83 FROM: Qty: 2 DrwNo: 003.23.0912.10433 Truss Label: J08 KD / DF 01/03/2023





1'6"	2'3"8	8"8
10	2'3"8	3'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
Coading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.004 C 999 240 VERT(CL): 0.007 C 999 180 HORZ(LL): 0.002 G HORZ(TL): 0.003 G Creep Factor: 2.0 Max TC CSI: 0.236 Max BC CSI: 0.039 Max Web CSI: 0.031
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 259 /-/-/179 /47 /61 Е 35 /-/20 /-65 /35 /26 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

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

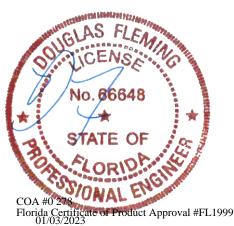
Plating Notes

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

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

Wind loading based on both gable and hip roof types.

Note: Laterally brace bottom chord above filler at 2'0" O.C.Max. including a lateral brace at chord ends.



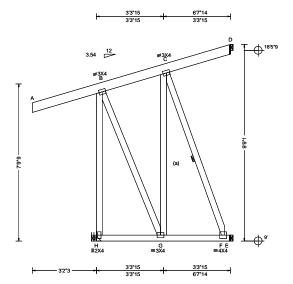
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SEQN: 108096 HIP_ Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T69 FROM: DrwNo: 003.23.0913.11223 Qty: 1 Truss Label: J08HJ KD / DF 01/03/2023



Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)	
TCLL: 20.00 Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		n-Gravity
TCDL: 10.00 Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 G 999 240	Loc R+ /R- /Rh /Rw /	/U /RL
BCLL: 0.00 Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.006 G 999 180	H 414 /- /- /-	/22 /177
BCDL: 10.00 Risk Category: II	Snow Duration: NA	HORZ(LL): -0.008 B	E 79 /- /- /-	/84 /-
Des Ld: 40.00 EXP: C Kzt: NA		HORZ(TL): 0.009 B		/61 /-
NCBCLL: 0.00 Mean Height: 17.31 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS	
Soffit: 2.00 BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.206	H Brg Wid = - Min Req = - E Bra Wid = 1.5 Min Rea = -	
Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.101	D Brg Wid = 1.5 Min Req = -	
Spacing: 24.0 " C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.610	Members not listed have forces less t	than 375#
Loc. from endwall: NA	FT/RT:20(0)/10(0)		Maximum Web Forces Per Ply (lbs)	
GCpi: 0.18	Plate Type(s):		Webs Tens.Comp.	•
Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	H - B 27 - 412	

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on

Loading

Hipjack supports 4-8-8 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



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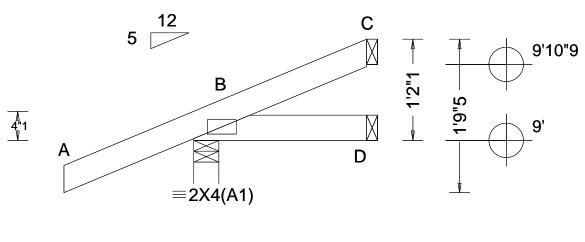
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SEQN: 108110 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T79 FROM: Qty: 7 DrwNo: 003.23.0913.18803 Truss Label: J09 KD / DF 01/03/2023



1'6"	2'	
10	2'	

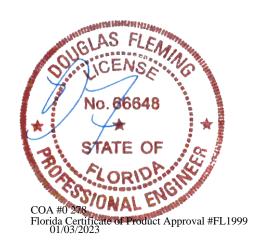
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.236
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.049
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 235 /-/167 /47 D 27 /-/17 /-/3 22 /18 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



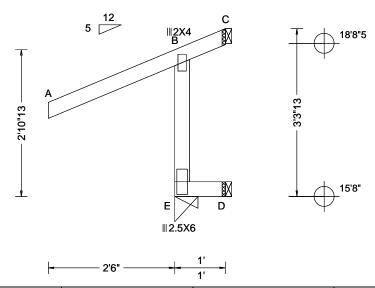
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SEQN: 108276 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T77 FROM: Qty: 2 DrwNo: 003.23.0913.21303 Truss Label: J10 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
10.00 IU.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 18.26 ft		HORZ(TL): 0.001 B
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.771
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.010
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.398
'	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

	Gravity				Non-Gravity			
0	Loc	: R+	/ R-	/ Rh	/ Rw	/U	/ RL	_
0	Е	412	/-	/-	/348	/187	/-	
	D	20	/-	/-	/10	/-	/38	
	С	-	/-175	/-	/111	/182	/84	
	Wir	nd read	ctions ba	sed on I	MWFRS			
	Е	Brg V	Vid = 5.5	Min l	Req = 1.5	(Truss	s)	
	D	Brg V	Vid = 1.5	Min l	Req = -			
	С	Brg V	Vid = 1.5	Min l	Req = -			
	Bearing E is a rigid surface.							
	Members not listed have forces less than 375#							
	Maximum Top Chord Forces Per Ply (lbs)							
	Cho	ords 1	Tens.Co	mp.		- •	•	

B - C 400 - 144

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - E 874 - 402

▲ Maximum Reactions (lbs)

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

Wind

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

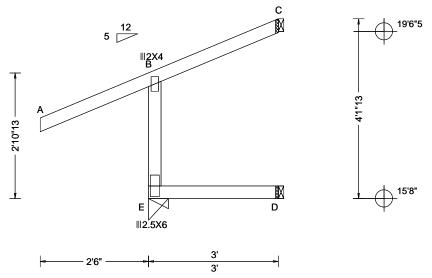
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

SEQN: 107150 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T9 FROM: DrwNo: 003.23.0913.23420 Qty: 2 Truss Label: J11 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.67 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 240	LO E D C W E D C Be
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17	Ma W

▲ M	laxim	um Rea	actions (Ik	os)			
	G	avity		No	on-Grav	/ity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	_
Е	356	/-	/-	/288	/150	/-	
D	60	/-	/-	/30	/-	/38	
С	24	/-	/-	/45	/56	/119	
Wir	nd read	ctions b	ased on N	MWFRS			
Е	Brg V	Vid = 5	.5 Min F	Req = 1.5	(Truss	s)	
	Brg V	Vid = 1	.5 Min F	?eq = -			
С	Brg V	Vid = 1	.5 Min F	?eq = -			
Bea	aring E	is a riç	gid surface).			
Mei	mbers	not list	ed have fo	rces less	than 3	375#	
Max	kimun	n Web	Forces Pe	er Ply (lb	s)		
We	bs ⁻	Tens.C	omp.				
	Loc E D C Wir E D C Bea Mei	E 356 D 60 C 24 Wind read E Brg V D Brg V C Brg V Bearing E Members Maximum	Gravity	Gravity Loc R+ /R- /Rh E 356 /- /- D 60 /- /- C 24 /- /- Wind reactions based on M E Brg Wid = 5.5 Min R D Brg Wid = 1.5 Min R C Brg Wid = 1.5 Min R Bearing E is a rigid surface Members not listed have for	Loc R+ / R- / Rh / Rw E 356 /- /- /30 C 24 /- /- /45 Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 Min Req = 1.5 D Brg Wid = 1.5 Min Req = - - C Brg Wid = 1.5 Min Req = - - E Bearing E is a rigid surface. Members not listed have forces less Maximum Web Forces Per Ply (lb	Column	Gravity Loc R+ /R- /Rh /Rw /U /RL E 356 /- /- /288 /150 /- D 60 /- /- /30 /- /38 C 24 /- /- /- /45 /56 /119 Wind reactions based on MWFRS E Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs)

684 - 326

B - E

Lumber

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

Wind

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

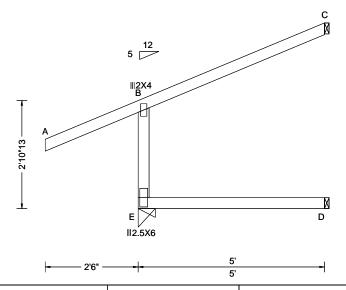
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

SEQN: 107140 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T49 FROM: Qty: 3 DrwNo: 003.23.0913.25540 Truss Label: J12 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	14
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240	[
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 B	[
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B	(
NCBCLL: 10.00	Mean Height: 19.09 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	١,
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.874	5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.298	Ľ
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.363	L
' '	Loc. from endwall: Any	FT/RT:20(0)/10(0)		L
	GCpi: 0.18	Plate Type(s):		Į,
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	١

	▲ M	laxim	um Rea	ctions (II	os)		
		G	ravity		No	on-Grav	vity
10	Loc	R+	/ R-	/ Rh	/Rw	/U	/ RL
30	Е	410	/-	/-	/317	/169	/-
-	D	100	/-	/-	/50	/-	/38
-	С	113	/-	/-	/57	/32	/154
	Win	d read	ctions b	ased on N	/WFRS		
	Е	Brg V	Vid = 5	.5 Min F	Req = 1.5	(Truss	s)
	D	Brg V	Vid = 1	.5 Min F	Req = -		
	С	Brg V	Vid = 1	.5 Min F	Req = -		
	Bea	ring E	is a rig	jid surface	€.		
	Mer	nbers	not list	ed have fo	orces less	s than 3	375#
	Max	cimun	n Web∣	Forces Po	er Ply (lb	s)	
	We	bs 1	Tens.Co	omp.		•	

B - E 738 - 360

Lumber

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

Wind

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

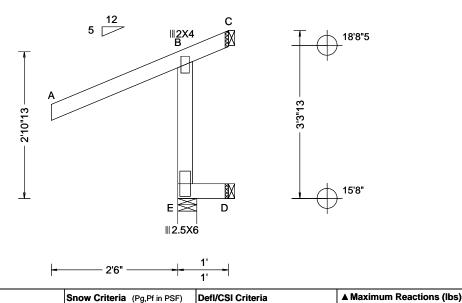
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 108265 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T68 FROM: Qty: 2 DrwNo: 003.23.0913.29360 Truss Label: J13 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 10.00	Mean Height: 18.26 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.771
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.010
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.398
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

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

Gravity

/-175 /-

Bearing E is a rigid surface.

Wind reactions based on MWFRS

/Rh

Brg Wid = 4.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -

/-

Loc R+

Е 412

D 20

B - C

Non-Gravity

/187 /-

/182 /84

/RL

/38

/Rw /U

/348

/10

/111

400 - 144 Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - E 874 - 402

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

Wind

Lumber

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



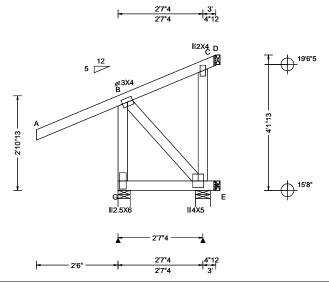
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SEQN: 108269 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T71 FROM: Qty: 1 DrwNo: 003.23.0913.32363 Truss Label: J14 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 C
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 18.67 ft		HORZ(TL): 0.002 C
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.775
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.057
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.241
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	A N	laxim	um Read	ctions (I	bs)		
		G	ravity		No	on-Grav	vity
,	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
١	G	353	/-	/-	/181	/88	/154
	F	127	/-	/-	/146	/92	/-
	Е	-	/-77	/-	/-	/41	/-
	D	59	/-	/-	/79	/68	/-
	Wii	nd read	ctions ba	sed on I	MWFRS		
	G	Brg V	Vid = 4.5	Min f	Req = 1.5	(Trus	s)
	F	Brg V	Vid = 5.5	Min F	Req = 1.5	(Trus	s)
	Е	Brg V	Vid = 1.5	5 Min I	Req = -		
	D	Brg V	Vid = 1.5	Min F	Req = -		
4	Bea	arings	G & F ar	e a rigid	surface.		
	Me	mbers	not liste	d have fo	orces less	s than 3	375#
_	Ma	ximun	n Web F	orces P	er Ply (lb	s)	
	We	bs 7	Tens.Co	mp.	Webs	Tens.	Comp.
	В-	G	407 -	329	B - F	439	- 104

Lumber

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

Wind

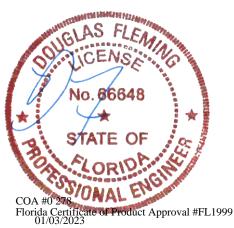
Wind loads based on MWFRS with additional C&C member design.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.



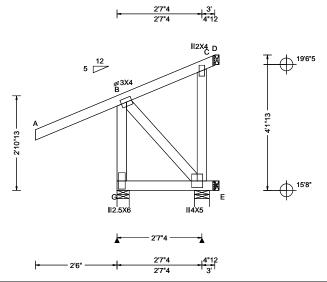
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SEQN: 108272 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T40 FROM: Qty: 1 DrwNo: 003.23.0914.03707 Truss Label: J15 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 C
Des Ld: 40.00 NCBCLL: 10.00	EXP: C Kzt: NA Mean Height: 18.67 ft TCDL: 5.0 psf	Building Code:	HORZ(TL): 0.002 C Creep Factor: 2.0
Soffit: 2.00 Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	FBC 7th Ed. 2020 Res. TPI Std: 2014	Max TC CSI: 0.775 Max BC CSI: 0.057
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max Web CSI: 0.241
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	A N	/laxim	um Rea	ctions (II	os)		
		(avity		No	on-Gra	vity
,	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
١	G	353	/-	/-	/181	/88	/154
			/-		/146	/92	/-
	Е	-	/-77	/-	/-	/41	/-
	D	59	/-	/-	/79	/68	/-
			ctions b	ased on N	/WFRS		
	G	Brg \		5 Min F			
	F	Brg \	Nid = 5.	5 Min F	Req = 1.5	(Trus	s)
	Е	Brg \	Nid = 1.	5 Min F	Req = -		
	D	Brg \	Nid = 1.	5 Min F	Req = -		
	Be	arings	G&Fa	re a rigid	surface.		
	Me	mbers	not list	ed have fo	rces les	s than	375#
	Ma	ximur	n Web I	Forces Pe	er Ply (lb	s)	
	We	ebs ·	Tens.Co	mp. ۱	Webs `	Tens.	Comp.
	_						

B - F

439

- 104

B - G

407 - 329

Lumber

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

Wind

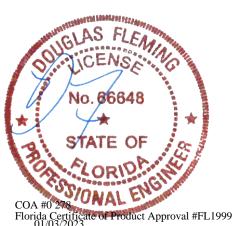
Wind loads based on MWFRS with additional C&C member design.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.



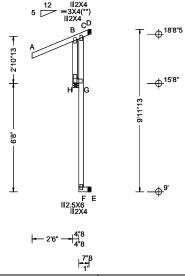
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SEQN: 108138 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T38 DrwNo: 003.23.0914.09530 FROM: Qty: 1 Truss Label: J16 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.037 H
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 18.26 ft		HORZ(TL): 0.042 H
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.771
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.095
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.535
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL Н 354 /-/-/254 /170 /-Е /0 /59 /48 8 /7 /-111 /0 /88 /137 /113 Wind reactions based on MWFRS Brg Wid = 4.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = Brg Wid = 1.5 Min Req = -Bearing H is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

C-D

422 - 151

B - C 446 - 170

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

Plating Notes

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

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - H 943 - 434



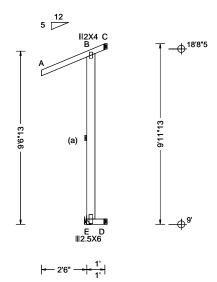
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SEQN: 108141 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T5 FROM: DrwNo: 003.23.0914.20320 Qty: 1 Truss Label: J17 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 10.00	Mean Height: 18.26 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.771
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.024
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.274
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

R+ 412 20	/- /-	/ Rh /- /-	/ Rw /394	on-Grav / U /217	/ity /RL /-
412 20	/- /-	/-	/394		/ RL
20	/-	/- /-		/217	/-
		/-			
_			/10	/-	/147
	/-175	/-	/140	/228	/185
d read	tions ba	sed on N	/WFRS		
Brg V	Vid = -	Min F	Req = -		
Brg V	Vid = 1.5	Min F	Req = -		
Brg V	Vid = 1.5	Min F	Req = -		
nbers	not liste	d have fo	orces less	s than 3	375#
cimum	Top C	hord Fo	ces Per	Ply (lb	s)
	•			- (•
	Brg V Brg V Brg V nbers kimun	Brg Wid = - Brg Wid = 1.5 Brg Wid = 1.5 nbers not liste kimum Top Cl	Brg Wid = - Min F Brg Wid = 1.5 Min F Brg Wid = 1.5 Min F nhers not listed have for timum Top Chord For ords Tens.Comp.	timum Top Chord Forces Per ords Tens.Comp.	Brg Wid = - Min Req = - Brg Wid = 1.5 Min Req = - Brg Wid = 1.5 Min Req = - nhers not listed have forces less than 3 timum Top Chord Forces Per Ply (Ib ords Tens.Comp.

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

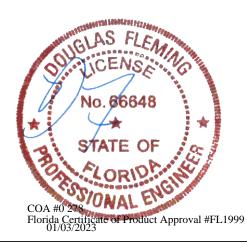
Wind loads based on MWFRS with additional C&C member design

Left end vertical exposed to wind pressure. Deflection

Wind loading based on both gable and hip roof types.

588 - 264 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

860 - 402



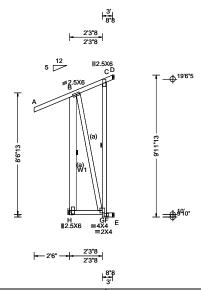
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SEQN: 108143 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T63 FROM: DrwNo: 003.23.0914.58137 Qty: 2 Truss Label: J18 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.19 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.026 F 999 240 VERT(CL): -0.031 F 999 180 HORZ(LL): -0.125 C HORZ(TL): 0.135 C Creep Factor: 2.0 Max TC CSI: 0.610 Max BC CSI: 0.114 Max Web CSI: 0.708 VIEW Ver: 21.02.00.1005.17

AI	Maxim	um Rea	ctions (II	os)		
	G	avity	-	No	on-Grav	vity
Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Н	121	/-	/-	/456	/353	/294
E	24	/-	/0	/74	/77	/0
D	94	/-	/-	/393	/439	/-
Wi	ind read	ctions b	ased on N	/WFRS		
Н	Brg V	Vid = -	Min F	Reg = -		
Е	Brg V	Vid = 1.	5 Min F	Req = -		
D	Brg V	Vid = 1.	5 Min F	Req = -		
Me	embers	not liste	ed have fo	orces les	s than 3	375#
Ma	ximun	n Top C	hord For	ces Per	Plv (lb	s)
		Tens.Co			- (-	•
]	_	151	- 389			

Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x6 SP 2400f-2.0E;

(a) Continuous lateral restraint equally spaced on

Wind

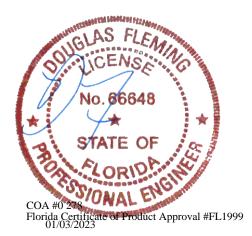
Wind loads based on MWFRS with additional C&C

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - H	360 - 909	G-C	402 - 974
B - G	1212 - 464		



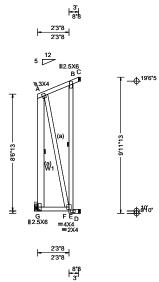
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SEQN: 108323 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T58 FROM: Qty: 2 DrwNo: 003.23.0915.00977 Truss Label: J19 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): -0.026 E 999 240 VERT(CL): -0.031 E 999 180 HORZ(LL): -0.125 B HORZ(TL): 0.135 B Creep Factor: 2.0 Max TC CSI: 0.610 Max BC CSI: 0.114 Max Web CSI: 0.708
	Loc. from endwall: Any GCpi: 0.18	Plate Type(s):	
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ N	/laxim	um Rea	ctions (II	os)		
		G	avity	•	N	on-Grav	/ity
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
l	G	121	/-	/-	/456	/353	/294
ı	D	24	/-	/0	/74	/77	/0
ı	С	24 94	/-	/-	/393	/439	/-
l	Wi	nd read	ctions b	ased on N	/WFRS		
ı	G	Brg V	Vid = -	Min F	Req = -		
ı	D	Brg V	Vid = 1.	5 Min F	Req = -		
ı	С	Brg V	Vid = 1.	5 Min F	Req = -		
ı	Me	mbers	not liste	ed have fo	orces les	s than 3	375#
ı	Ma	ximun	n Top C	hord Fo	ces Per	Ply (lb	s)
4	Ch	ords 1	Γens.Co	mp.		• •	•
ı	B -	_	151	- 389			

Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x6 SP 2400f-2.0E;

(a) Continuous lateral restraint equally spaced on

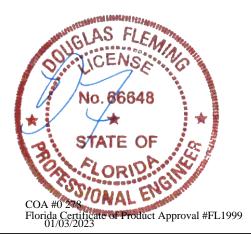
Wind loads based on MWFRS with additional C&C

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

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

A - G 360 - 909 402 - 974 A - F 1212 - 464



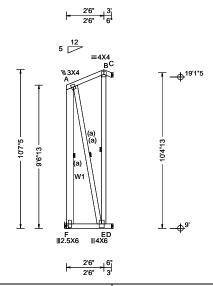
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SEQN: 108152 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T55 FROM: Qty: 1 DrwNo: 003.23.0915.06877 Truss Label: J20 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.012 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.015 E 999 180
	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.097 C
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	EXP: C Kzt: NA Mean Height: 19.09 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	HORZ(TL): 0.104 C Creep Factor: 2.0 Max TC CSI: 0.368 Max BC CSI: 0.487 Max Web CSI: 0.551
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ Maximum Reactions (lbs)						
		G	ravity	•	No	on-Grav	/ity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	F	122	/-	/-	/516	/452	/311
-	D	85	/-	/-	/376	/392	/-
-	С	44	/-	/-	/187	/176	/-
	Win	d read	ctions b	ased on M	IWFRS		
	F	Brg V	Vid = -	Min R	eq = -		
				.5 Min R			
	С	Brg V	Vid = 1	.5 Min R	eq = -		
	Members not listed have forces less than 375#						
Maximum Bot Chord Forces Per Ply (lbs)							
	Cho	ords 1	Tens.C	omp.			
	_{F-1}	E	160	- 380			

Webs

Tens. Comp.

- 581

1385

Maximum Web Forces Per Ply (lbs)

Tens.Comp.

539 - 1160

Webs

A - F

Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x6 SP 2400f-2.0E;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

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

Left end vertical exposed to wind pressure. Deflection

Wind loading based on both gable and hip roof types.



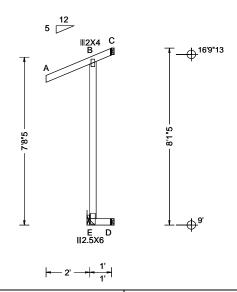
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SEQN: 141739 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T52 FROM: Qty: 2 DrwNo: 003.23.0915.16723 Truss Label: J21 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 16.48 ft		HORZ(TL): 0.001 B
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.459
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.019
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.379
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	A N	laxim	um Rea	ctions (II	os)		
		G	avity	-	No	on-Grav	vity
,	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
1	Е	305	/-	/-	/292	/149	/-
	D	20	/-	/-	/10	/-	/115
	С	-	/-101	/-	/90	/150	/145
1	Wir	nd read	ctions ba	ased on N	/WFRS		
1	Е	Brg V	Vid = -	Min F	Req = -		
	D	Brg V	Vid = 1.5	5 Min F	Req = -		
	С			5 Min F			
	Ме	mbers	not liste	d have fo	orces less	s than 3	375#
	Ma	ximun	n Top C	hord Fo	ces Per	Ply (lb	s)
- 1			Γens.Co				•
╛	B -		462 -	198			

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Wind

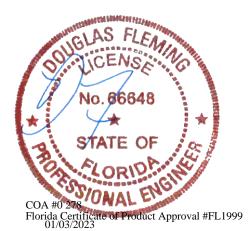
Wind loads based on MWFRS with additional C&C member design.

Left end vertical exposed to wind pressure. Deflection

Wind loading based on both gable and hip roof types.

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

B - E 649 - 295



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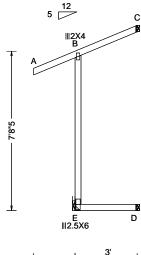
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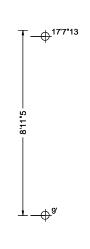
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SEQN: 141742 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T56 FROM: DrwNo: 003.23.0915.18947 Qty: 1 Truss Label: J22 KD / DF 01/03/2023





L 21 -L-	3'	ا۔
r-2-7-	3'	7

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 B
NCBCLL: 10.00	Mean Height: 16.90 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.494
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.098
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.372
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
		144 1	

Lumber

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

Hangers / Ties

member. into supported member.

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

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

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

Bearing at location x=0' uses the following .v=9' support conditions: 0' Bearing E (0', 9') LUS26 Supporting Member: (1)2x6 SP 2400f-2.0E into supporting

Wind

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL Е 299 /-/273 /144 /-/-/30 /115 60 49 /49 /58 /178 Wind reactions based on MWFRS Brg Wid = -Min Req = -Brg Wid = 1.5 Brg Wid = 1.5 Min Req = -Min Req = -Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp.

B - C 429 - 184

Maximum Web Forces Per Ply (lbs)

Tens.Comp. Webs B - E 538 - 268



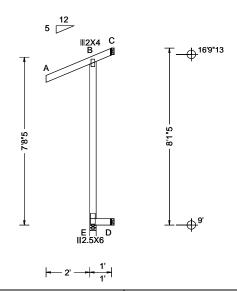
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 141745 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T32 FROM: Qty: 1 DrwNo: 003.23.0915.21300 Truss Label: J23 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 B 999 240
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 B 999 180
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Dec 1 d · 40 00	EXP: C Kzt: NA Mean Height: 16.48 ft		HORZ(TL): 0.001 B
NODOLL, 40 00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
0.40	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.459
	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.019
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.379
'	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumber			

	۸N	laxim	ım Rea	ctions (I	bs)			
		G	ravity		No	n-Grav	/ity	
10	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
30	Е	305		/-	/292	/149	/-	
-	D	20	/-	/-	/10	/-	/115	
-	С	-	/-101	/-	/90	/150	/145	
	Wii	nd read	ctions ba	sed on I	MWFRS			
	Е	Brg V	Vid = 3.5	Min F	Req = 1.5	(Truss	s)	
	D	Brg V	Vid = 1.5	Min F	Req = -			
	С	Brg V	Vid = 1.5	Min f	Req = -			
	Bea	aring E	is a rigi	d surface	э.			
	Me	mbers	not liste	d have fo	orces less	than 3	375#	
	Ma	ximun	Top C	hord Fo	rces Per	Ply (lb	s)	
	Ch	ords 7	Tens.Co	mp.		- •	-	

B - C 462 - 198

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - E 649 - 295

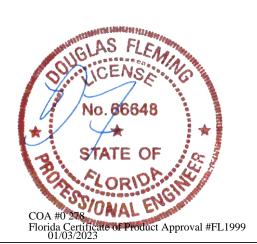
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP M-31;

Wind

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



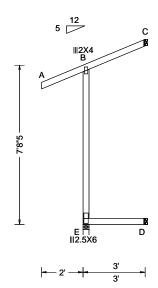
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

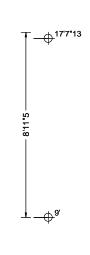
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 141748 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T48 FROM: Qty: 1 DrwNo: 003.23.0915.23610 Truss Label: J24 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 16.90 ft		HORZ(TL): 0.002 B
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.494
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.098
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.372
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ M	laxim	um Rea	actions (Ik	os)			
		G	avity		No	on-Grav	vity −	
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
0	Е	299	/-	/-	/273	/144	/-	
	D	60	/-	/-	/30	/-	/115	
	С	49	/-	/-	/49	/58	/178	
	Wir	nd read	ctions b	ased on N	/WFRS			
	Ε	Brg V	Vid = 3	.5 Min F	Req = 1.5	(Trus	s)	
	D	Brg V	Vid = 1	.5 Min F	Req = -			
	С	Brg V	Vid = 1	.5 Min F	Req = -			
	Bea	aring E	is a riç	gid surface) .			
	Mei	mbers	not list	ed have fo	orces less	s than 3	375#	
	Max	kimun	n Top (Chord For	ces Per	Ply (lb	s)	
	Cho	ords -	Tens.C	omp.		- •	-	

B - C 429 - 184

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - E 538 - 269

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

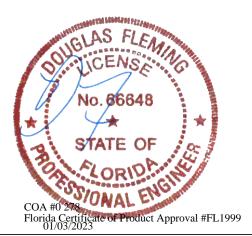
Wind

Lumber

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

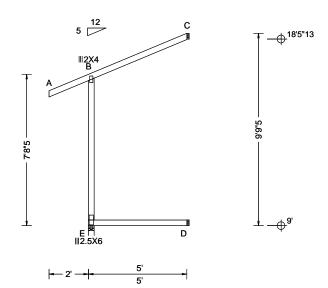
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

SEQN: 141751 **EJAC** Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T23 FROM: Qty: 3 DrwNo: 003.23.0915.25620 Truss Label: J25 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 B
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.32 ft		HORZ(TL): 0.002 B
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.541
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.298
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.380
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ M	laxim	um Rea	actions (II	os)				
		G	ravity		No	on-Grav	vity		
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
0	Е	363	/-	/-	/312	/165	/-		
	D	100	/-	/-		/-	/116		
	С	128	/-	/-	/76	/37	/211		
	Win	d read	ctions b	ased on N	/WFRS				
	Ε	Brg V	Vid = 3	.5 Min F	Req = 1.5	(Trus	s)		
				.5 Min F					
	С	Brg V	Vid = 1	.5 Min F	Req = -				
	Bea	ring E	is a rig	gid surface	€.				
	Members not listed have forces less than 375#								
	Max	cimun	Top (Chord For	ces Per	Ply (lb	s)		
	Cho	Chords Tens.Comp.							

B - C 472 - 191

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - E 624 - 313

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

Wind

Lumber

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

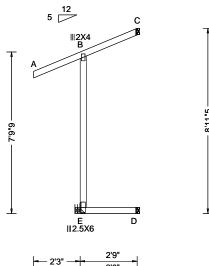
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

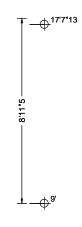
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SEQN: 141754 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T37 FROM: Qty: 1 DrwNo: 003.23.0915.27273 Truss Label: J26 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 B
NCBCLL: 10.00	Mean Height: 16.90 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.620
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.082
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.386
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ N	laxim	um Rea	ctions (II	os)		
		G	avity		No	on-Grav	vity
٥l	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
o	Е	322	/-	/-	/295	/154	/-
	D	55	/-	/-	/28	/-	/117
	С	24	/-	/-	/50	/74	/179
	Wir	nd read	ctions b	ased on N	/WFRS		
	Ε	Brg V	Vid = -	Min F	Req = -		
	D	Brg V	Vid = 1	5 Min F	Req = -		
	С	Brg V	Vid = 1	.5 Min F	Req = -		
	Mei	mbers	not list	ed have fo	orces less	s than 3	375#
	Ma	ximun	n Top (hord For	ces Per	Ply (lb	s)
	Cho	ords -	rens.Co	omp.		- `	•
	В-	С	460	- 193			

Lumber

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

Wind

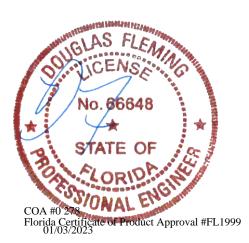
Wind loads based on MWFRS with additional C&C member design.

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. B - E 611 - 294



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

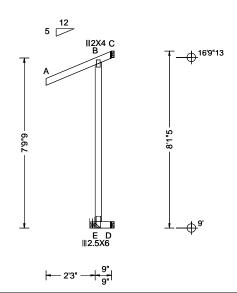
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SEQN: 108087 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T64 FROM: Qty: 1 DrwNo: 003.23.0915.32360 Truss Label: J27 KD / DF 01/03/2023



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.004 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 B
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 16.48 ft		HORZ(TL): 0.002 B
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.596
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.018
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.401
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

	▲ N	laxim	ım Read	ctions (II	bs)		
		G	ravity	-	No	on-Grav	vity .
١	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
5	Е	402	/-	/-	/374	/185	/-
	D	15	/-	/-	/8	/-	/117
	С	-	/-200	/-	/127	/230	/147
	Wir	nd read	ctions ba	sed on M	IWFRS		
	Е	Brg V	Vid = -	Min F	Req = -		
	D	Brg V	Vid = 1.5	5 Min F	Req = -		
	С			5 Min F			
	Mei	mbers	not liste	d have fo	orces less	s than 3	375#
	Max	ximun	Top C	hord Fo	rces Per	Ply (lb	s)
4	Cho	ords 1	Tens.Co	mp.		- `	
	— R -	<u></u>	536 -	231			

Lumber

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

Wind

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

Left end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -200# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 836 - 394



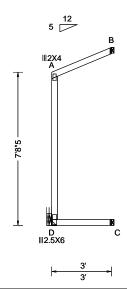
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 141757 JACK Ply: 1 Job Number: 22-8649 Cust: R 215 JRef: 1XM02150007 T73 FROM: Qty: 1 DrwNo: 003.23.0915.38353 Truss Label: J28 KD / DF 01/03/2023





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
	Wind Std: ASCE 7-16 Speed: 130 mph	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00 BCLL: 0.00	Enclosure: Closed	Pf: NA Ce: NA Lu: NA Cs: NA	VERT(LL): -0.001 A 999 240 VERT(CL): 0.001 A 999 180
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): -0.001 A
Des Ld: 40.00 NCBCLL: 10.00	Mean Height: 17.32 ft TCDL: 5.0 psf	Building Code:	HORZ(TL): 0.001 A Creep Factor: 2.0
Soffit: 2.00 Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	FBC 7th Ed. 2020 Res. TPI Std: 2014	Max TC CSI: 0.255 Max BC CSI: 0.098
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: Any	Rep Fac: Yes FT/RT:20(0)/10(0)	Max Web CSI: 0.353
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17

	Maxim	um Rea	ctions (l	bs)		
	G	avity		No	on-Gra	vity
Lo	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D	123	/-	/-	/127	/78	/-
С	60	/-	/-	/30	/-	/116
В	93	/-	/-	/57	/39	/153
Wi	nd rea	ctions b	ased on I	MWFRS		
D	Brg V	Vid = -	Min I	Req = -		
С	Brg \	Vid = 1.	5 Min I	Req = -		
В	Brg \	Vid = 1.	5 Min I	Req = -		
Me	mbers	not liste	ed have f	orces les	s than	375#

Lumber

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

Hangers / Ties

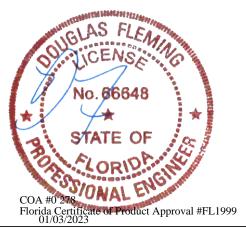
(J) Hanger Support Required, by others

Wind

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

Left end vertical exposed to wind pressure. Deflection

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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

For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: 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-reinforcement or scab reinforcement.

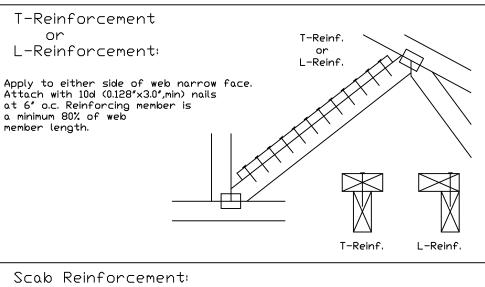
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

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

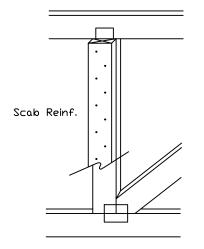
Web Member	Specified CLR	Alternative Reir	
Size	Restraint	T- or L- Reinf.	
2x3 or 2x4	1 row	2×4	1-2×4
2x3 or 2x4	2 rows	2×6	2-2×4
2×6	1 row	2×4	1-2×6
2×6	2 rows	2×6	2-2×4(*)
5×8	1 row	2×6	1-2×8
5×8	2 rows		2-2×6(*/)

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.

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



Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nalls at 6" o.c. Reinforcing member is a minimum 80% of web member length.



OUGLAS FLEM

VARNING| READ AND FOLLOW ALL NOTES ON THIS DRAVING ****IMPORTANT*** FURNISH THIS DRAVING TO ALL CONTRACTORS INCLUDING THE INSTALLER!

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

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TC LL	PSF
TC DL	PSF
BC DL	PSF
BC LL	PSF
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DUR. FAC.	

SPACING

REF CLR Subst.

DATE 01/02/19

DRWG BRCLBSUB0119

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