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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

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 22-8396
Job Description: Schneiders	
Address:	

Job Engineering Criteria:				
Design Code: FBC 7th Ed. 2020 Res.	IntelliVIEW Version: 21.02.00 through 21.02.01			
	JRef #: 1XJe2150008			
Wind Standard: ASCE 7-16 Wind Speed (mph): 130	Design Loading (psf): 40.00			
Building Type: Closed				

This package contains general notes pages, 64 truss drawing(s) and 8 detail(s).

Item	Drawing Number	Truss
1	276.22.0844.38810	A01
3	276.22.0844.44470	A03
5	276.22.0844.48333	A05
7	276.22.0845.25370	B01
9	276.22.0845.31577	B03
11	276.22.0845.36617	B05
13	276.22.0845.40137	B07
15	276.22.0845.46170	B09
17	276.22.0848.23570	B11
19	276.22.0848.45140	B13
21	276.22.0848.49893	C02
23	276.22.0849.17287	D01
25	276.22.0849.20740	D03
27	276.22.0849.59483	D05
29	276.22.0850.31813	E01
31	276.22.0850.34613	J01
33	276.22.0850.37583	J02
35	276.22.0850.42530	J03
37	276.22.0850.45403	J05
39	276.22.0850.50640	J07
41	276.22.0851.07430	J10
43	276.22.0851.10753	J12
45	276.22.0851.14843	PB01
47	276.22.0851.18187	PB03
49	276.22.0851.22270	PB05

Item	Drawing Number	Truss
2	276.22.0844.40687	A02
4	276.22.0844.46157	A04
6	276.22.0845.08937	A06
8	276.22.0845.27643	B02
10	276.22.0845.34143	B04
12	276.22.0845.38430	B06
14	276.22.0845.43940	B08
16	276.22.0848.15850	B10
18	276.22.0848.26217	B12
20	276.22.0848.47980	C01
22	276.22.0848.52113	C03
24	276.22.0849.19260	D02
26	276.22.0849.22773	D04
28	276.22.0850.29807	D06
30	276.22.0850.33413	E02
32	276.22.0850.36240	J01HJ
34	276.22.0850.40453	J02HJ
36	276.22.0850.44007	J04
38	276.22.0850.48107	J06
40	276.22.0850.53500	J08
42	276.22.0851.09100	J11
44	276.22.0851.12947	J13
46	276.22.0851.16213	PB02
48	276.22.0851.20273	PB04
50	276.22.0851.24700	V01



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Site Information:	Page 2:	
Customer: W. B. Howland Company, Inc.	Job Number: 22-8396	
Job Description: Schneiders		
Address:		

Item	Drawing Number	Truss
51	276.22.0851.26467	V02
53	276.22.0851.28860	V04
55	276.22.0851.32433	V06
57	276.22.0851.35430	V08
59	276.22.0851.38360	V10
61	276.22.0851.42077	V12
63	276.22.0851.45203	V14
65	BRCLBSUB0119	
67	A14030ENC160118	
69	A14015ENC160118	
71	VAL180160118	

Item	Drawing Number	Truss
52	276.22.0851.27643	V03
54	276.22.0851.30910	V05
56	276.22.0851.33937	V07
58	276.22.0851.36857	V09
60	276.22.0851.40810	V11
62	276.22.0851.43213	V13
64	276.22.0851.48723	V15
66	CNNAILSP1014	
68	GBLLETIN0118	
70	PB160160118	
72	VALTN160118	

General Notes

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

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

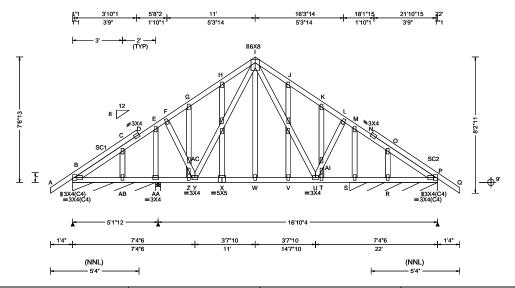
VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment. W = Width of non-hanger bearing, in inches.

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.



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): 0.039 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.086 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.018 H
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.039 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: 0.633
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.469
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.301
	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

Glavity Non-Glavity					ity	
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
B*	192	/-	/-	/-	/21	/-
_		•	'	,		,
AA	1233	/-	/-	/-	/151	/-
P*	414	/-	/-	/-	/49	/-
Win	d reac	tions bas	sed on MV	VFRS		
В	Brg W	/id = 60.0	0 Min Re	q = -		
AΑ	Brg W	/id = 3.5	Min Re	q = 1.5	(Truss)
Р	Brg W	/id = 63.5	5 Min Re	q = -		
Bea	Bearings B, AA, & S are a rigid surface.					
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
Cho	ords T	ens.Con	np. Ch	ords	Tens.	Comp.

Non-Gravity

▲ Maximum Reactions (lbs), or *=PLF

Gravity

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2; Stack Chord: SC2 2x4 SP #2;

Special Loads

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)						
TC: From	64 plf at	-1.33 to	64 plf at	7.06		
TC: From	32 plf at	7.06 to	32 plf at	15.06		
TC: From	64 plf at	15.06 to	64 plf at	23.33		
BC: From	5 plf at	-1.33 to	5 plf at	0.00		
BC: From	20 plf at	0.00 to	20 plf at	7.06		
BC: From	10 plf at	7.06 to	10 plf at	15.06		
BC: From	20 plf at	15.06 to	20 plf at	22.00		
BC: From	5 plf at	22.00 to	5 plf at	23.33		
BC: 11 lb	Conc. Load	lat 7.06, 9.	.06,11.06,13	3.06		
15.06						

Plating Notes

All plates are 2X4 except as noted.

Loading

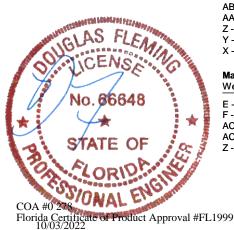
Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind loads and reactions based on MWFRS

Wind loading based on both gable and hip roof types.

Additional Notes

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



Maximum Top Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.	Chords	Tens. Comp.		
B-C	111 - 719	I - J	131 - 1106	;	
C - D	115 - 732	J - K	141 - 1185	,	
D-E	81 - 675	K-L	127 - 1009	,	
E-F	146 - 1153	L - M	146 - 1154		
F-G	127 - 1008	M - N	81 - 676	,	
G-H	142 - 1187	N - O	115 - 732		
ů i	121 1106	O D	111 710		

Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.Comp.		Choras	rens. C	omp.
B -AB	671	-84	W - V	802	- 97
AB-AA	668	- 83	V - U	802	- 97
AA-Z	641	- 79	U - T	642	- 79
Z - Y	641	- 79	T - S	641	- 79
Y - X	802	- 97	S - R	668	-83
X - W	802	- 97	R-P	672	- 84

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Com	o. Webs	Tens.	Comp.
E -AA	148 - 105	52 U-AI	481	- 58
F-AC	565 - 7	71 Al- T	48	- 484
AC- G	64 - 57	74 Al- L	563	-70
AC- Y	483 -6	60 K-AI	61	- 569
Z -AC	52 - 48	39 S-M	148	- 1052

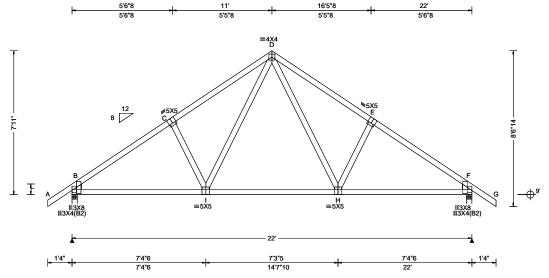
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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: 87507 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T2 FROM: DrwNo: 276.22.0844.40687 Qty: 9 Schneiders Truss Label: A02 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Г
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 GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.047 H 999 240 VERT(CL): 0.090 H 999 180 HORZ(LL): 0.025 F HORZ(TL): 0.048 F Creep Factor: 2.0 Max TC CSI: 0.381 Max BC CSI: 0.627 Max Web CSI: 0.246 VIEW Ver: 21.02.00.1005.17	
Lumban	1	INVAL		, لـ

	▲ Ma	ximu	ım Rea	ctions (lbs)		
		G	ravity		No	on-Grav	vity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	B 1	085	/-	/-	/623	/168	/251
	F 1	085	/-	/-	/623	/168	/-
	Wind	reac	tions ba	sed on	MWFRS		
	ВЕ	3rg W	/id = 3.5	5 Min	Req = 1.5	(Trus	s)
	FE	3rg W	/id = 3.5	5 Min	Req = 1.5	(Trus	s)
	Beari	ings E	3 & F ar	e a rigio	surface.	•	•
	Mem	bers	not liste	d have	forces less	s than 3	375#
	Maxi	mum	Top C	hord Fo	rces Per	Ply (lb	s)
	Chor	ds T	ens.Co	mp.	Chords	Tens.	Ćomp.
	B-C		418 - 1	396	D-E	489	- 1251
	C-D		489 - 1		E-F	419	- 1396

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

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.

Maximum Bot Chord Forces Per Ply (lbs)

Cilolus	s rens.comp.		is rens.comp. Chorus		Cilolus	rens. Comp.		
			H-F	1079	- 202			
1 - H	744	- 16						

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.		
I - D	506 - 180	D-H	506	- 180	



Florida Certificate of Product Approval #FL1999

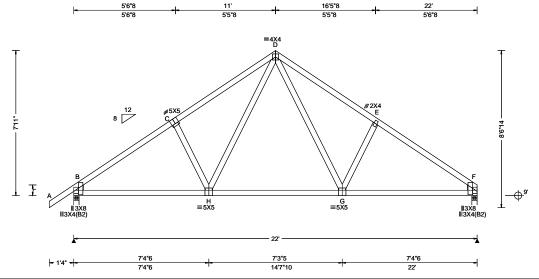
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 87509 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 FROM: DrwNo: 276.22.0844.44470 Qty: 2 Schneiders Truss Label: A03 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
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): 0.046 H 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.089 H 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.022 F	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	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.042 F Creep Factor: 2.0 Max TC CSI: 0.382 Max BC CSI: 0.622 Max Web CSI: 0.259	F
	GCpi: 0.18 Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17] [
I compleme				

	▲ Maxi	mum Rea	actions (I	bs)			
		Gravity		No	on-Grav	/ity	
)	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL	_
)	B 108	38 /-	/-	/623	/169	/234	
	F 990) /-	/-	/541	/143	/-	
	Wind re	eactions b	ased on I	MWFRS			
	B Bro	wid = 3	.5 Min l	Req = 1.5	(Truss	s)	
	F Bro	Wid = 3	.5 Min f	Rea = 1.5	(Truss	s)	
			re a rigid		•	′	
	Membe	rs not list	ed have fo	orces less	s than 3	375#	
	Maxim	um Top (Chord Fo	rces Per	Ply (lb	s)	
			omp.			•	
	B-C	420 -	1400	D-E	503	- 1266	
	C-D	490 -		E - F	431	- 1409	

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

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.

Maximum Bot Chord Forces Per Ply (lbs)

Cilolus	rens.comp.		bius relis.comp. Chorus			rens. Comp.		
B - H	1083	- 262	G-F	1095	- 261			
H-G	748	- 71						

Maximum Web Forces Per Ply (lbs)

Vebs	Tens.Comp.	Webs	Tens. Comp.		
I - D	505 - 177	D - G	523	- 189	



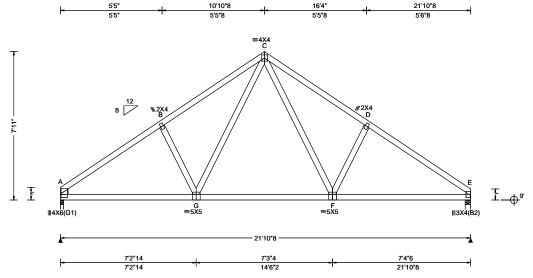
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SEQN: 87519 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T33 FROM: DrwNo: 276.22.0844.46157 Qty: 1 Schneiders Truss Label: A04 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	1
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 Stid: 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): 0.036 F 999 240 VERT(CL): 0.076 F 999 180 HORZ(LL): 0.018 E HORZ(TL): 0.037 E Creep Factor: 2.0 Max TC CSI: 0.338 Max BC CSI: 0.526 Max Web CSI: 0.262 VIEW Ver: 21.02.00.1005.17	
Lumban				- 6

	▲ Max	imum Re	actions (lbs)		
		Gravity		No	on-Grav	vity
)	Loc F	R+ /R-	/ Rh	/ Rw	/ U	/ RL
)	A 91	7 /-	/-	/536	/143	/202
	E 92	1 /-	/-	/540	/144	/-
	Wind ı	eactions	based on	MWFRS		
	A B	rg Wid = 2	2.0 Min	Req = 1.5	(Trus	s)
	E Bi	rg Wid = 3	3.5 Min	Req = 1.5	(Trus	s)
	Bearin	gs A & E	are a rigio	surface.		
	Memb	ers not lis	ted have t	forces less	s than 3	375#
	Maxin	num Top	Chord Fo	rces Per	Ply (lb	s)
	Chord	s Tens.C	Comp.	Chords	Tens.	Comp.
	A - B	435	- 1293	C-D	506	- 1134
	B-C	509	- 1140	Ď-Ē	433	- 1288

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Stub Wedge: 2x4 SP #3;

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

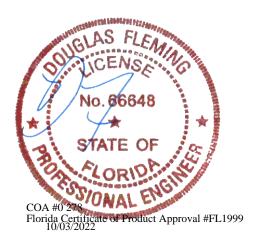
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	rens.comp.	Cnoras	rens. Comp.		
	994 - 274	F-E	989 - 266		
G-F	672 - 72				

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.		
G-C	448 - 192	C-F	440 - 189		



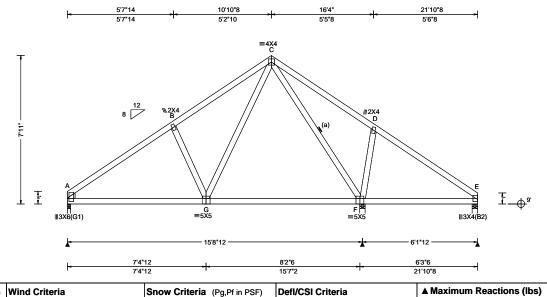
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 87522 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T38 FROM: DrwNo: 276.22.0844.48333 Qty: 2 Schneiders Truss Label: A05 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximu
	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): 0.017 G 999 240	G Loc R+
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCbi: 0.18	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):	VERT(CL): 0.034 G 999 180 HORZ(LL): 0.008 B HORZ(TL): 0.016 B Creep Factor: 2.0 Max TC CSI: 0.436 Max BC CSI: 0.671 Max Web CSI: 0.299	F 1060 E 273 Wind reac A Brg W F Brg W E Brg W Bearings A
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	Maximum Chords T

,	Α	691	/-	/-	/399	/103	/202
	F	1060	/-	/-	/480	/140	/-
	Ε	273	/-	/-	/199	/43	/-
	Wii	nd read	tions I	oased or	MWFRS		
	Α	Brg V	Vid = 2	2.0 Mir	Req = 1.5	(Truss	s)
	F	Brg V	Vid = 3	3.5 Mir	Req = 1.	5	
	Е	Brg V	Vid = 3	3.5 Mir	n Req = 1.5	(Truss	s)
	Bearings A, F, & E are a rigid surface.						
	Members not listed have forces less than 375#						
_	Maximum Top Chord Forces Per Ply (lbs)						
	Ch	ords T	ens.C	omp.	Chords	Tens.	Comp.

/Rh

Non-Gravity

385

- 788

/ RL

/Rw /U

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Stub Wedge: 2x4 SP #3;

(a) Continuous lateral restraint equally spaced on member.

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.

Maximum Bot Chord Forces Per Ply (lbs)

B-C

Chords Tens.Comp. A - G 695 - 161

298 - 933

A - B

Gravity

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Com	p.
G - C	620 - 222 75 - 597	F-D	344 -3	79



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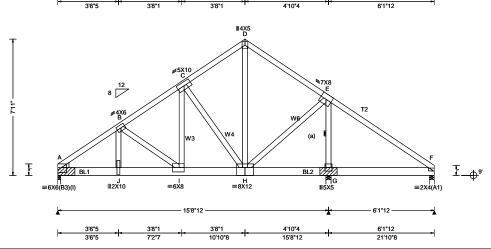
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

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

SEQN: 87769 COMN Ply: 2 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T39 DrwNo: 276.22.0845.08937 FROM: Qty: 1 Schneiders Truss Label: A06 GA / DF 10/03/2022





TCDL: 10.00 Speed: 130 mph Pf: NA Ce: NA VERT(LL): 0.081 999 240 VERT(LL): 0.081 999 240 VERT(LL): 0.081 999 180 VERT(LL): 0.094 999 180 VERT(LL): 0.094	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Risk Category: II	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	, ,
NCBCLL: 0.00 Mean Height: 15.00 ft TCDL: 5.0 psf Building Code: Creep Factor: 2.0 Max TC CSI: 0.465 MWFRS Parallel Dist: 0 to h/2 Spacing: 24.0 " C&C Dist a: 3.00 ft Loc. from endwall: Any FT/RT:20(0)/10(0) Creep Factor: 2.0 Max TC CSI: 0.465 Max BC CSI: 0.534 Max Web CSI: 0.869 Max Web CSI:	BCDL: 10.00	Risk Category: II		HORZ(LL): 0.024 B
Spacing: 24.0 C&C Dist a: 3.00 ft Loc. from endwall: Any FT/RT:20(0)/10(0) Max Web CSI: 0.869	NCBCLL: 0.00	TCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Creep Factor: 2.0 Max TC CSI: 0.465
		C&C Dist a: 3.00 ft	Rep Fac: No	
Wind Duration: 1.60 WAVE VIEW Ver: 21.02.00.1005.17		GCpi: 0.18	Plate Type(s):	VIEW Ver: 21.02.00.1005.17

Code: Creep Factor: 2.0 Wind reactions based on MWFRS Ed. 2020 Res. Max TC CSI: 0.465 A Brg Wid = 2.0 Min Req = - 2014 Max BC CSI: 0.534 Brg Wid = 3.5 Min Req = - E: No Max Web CSI: 0.869 Bearings A, G, & F are a rigid surface 20(0)/10(0) Members not listed have forces less to the control of the con		HORZ(TL): 0.049 B		IF -	/-966	/-	/-	/7
	Code: Ed. 2020 Res. : 2014	Creep Factor: 2.0 Max TC CSI: 0.465 Max BC CSI: 0.534 Max Web CSI: 0.869	05.17	A Brg G Brg F Brg Bearings Member Maximu	actions ba Wid = 2.0 Wid = 3.5 Wid = 3.5 s A, G, & I rs not liste Im Top Cl	ased on Min Min Min are a d have hord F	n Req = - n Req = - n Req = 1.6 n rigid surfa e forces les forces Per	5 ace. s that
VIEW Ver: 21.02.00.1005.17 Chords Tens.Comp. Chords T		VILVV Vel. 21.02.00.10	05.17	Choras	rens.Co	mp.	Cnoras	ren

Lumber

Top chord: 2x4 SP M-31; T2 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W3,W4 2x4 SP M-31; W6 2x4 SP #2; Lt Wedge: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 2 Rows @ 4.50" o.c. (Each Row) : 1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

TC: From BC: From 10 plf at 0.00 to 10 plf at 14.94 BC: From 20 plf at 14.94 to 20 plf at BC: 1993 lb Conc. Load at 1.94, 3.94, 5.94, 7.94 9.94 BC: 1743 lb Conc. Load at 10.94,12.94

BC: 1603 lb Conc. Load at 14.94

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Wind

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

Bearing Block(s)

Brg blocks:0.131"x3", min. nails brg x-loc #blocks length/blk #nails/blk wall plate
1 0.000' 2 12" 10 Rigid Surfa
2 15.583' 1 12" 7 Rigid Surfa Rigid Surface Rigid Surface Brg block to be same size and species as chord. Refer to drawing CNNAILSP1014 for more information.

Additional Notes

Negative reaction(s) of -966# MAX. from a non-wind load case requires uplift connection for Maximum Reactions.



▲ Maximum Reactions (lbs) Non-Gravity Gravity Loc R+ /Rh /Rw /U /RL 7344 /-/450 G 10190 /-/-/609 /an 375# (lbs) ns. Comp.

A - B	304 - 5052	D-E	106	- 2214
B - C	219 - 3876	E-F	759	- 33
C - D	100 - 2197			

Maximum Bot Chord Forces Per Plv (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
A - J	4108	- 241	H-G	7	- 552	
J - I	4075	- 240	G-F	10	- 610	
I - H	3111	- 167				

Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	webs	Tens. Comp.	
J - B	1351 - 63	D-H	2281 -53	
B - I	83 - 1081	H - E	3152 - 108	
I-C	2638 - 154	E-G	198 - 3852	
C - H	163 - 2270			

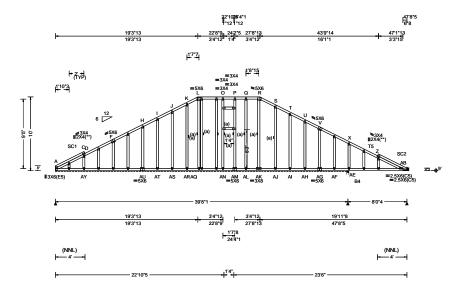
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SEQN: 87592 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T40 Qty: 1 FROM: DrwNo: 276.22.0845.25370 Schneiders Page 1 of 2 Truss Label: B01 GA / DF 10/03/2022



Loading Criteria (p	sf) 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): 0.146 AC 638 246
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.363 AC 257 186
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.067 Z
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	C&C Dist a: 4.77 ft Loc. from endwall: Any	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): 0.167 Z Creep Factor: 2.0 Max TC CSI: 0.854 Max BC CSI: 0.508 Max Web CSI: 0.379
	GCpi: 0.18 Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

Lumber

Top chord: 2x4 SP #2; T5 2x4 SP M-31; Bot chord: 2x4 SP #2; B4 2x4 SP M-31; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2; Stack Chord: SC2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)							
TC: From	62 plf at	0.00 to	62 plf at	41.59			
TC: From	31 plf at	41.59 to	31 plf at	47.15			
TC: From	62 plf at	47.15 to	62 plf at	47.69			
BC: From	20 plf at	0.00 to	20 plf at	41.59			
BC: From	10 plf at	41.59 to	10 plf at	47.69			
BC: 35 lb	Conc. Load	at 41.59,4	2.59,43.76,4	5.76			

Plating Notes

All plates are 2X4 except as noted.

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

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

TC @ 24" oc.

Wind loads and reactions based on MWFRS. Left end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

In lieu of structural panels use purlins to brace all flat

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

Chords Tens.Comp.

741

AK-R 46 - 433

Gables	Tens.Comp.		Gables	Tens. Comp.	
C -AY	67	- 387	AJ- S	59	- 509
H-AU	51	- 378	Al- T	49	- 398
I -AT	51	- 398	AH- U	51	- 396
J-AS	52	- 429	AG- V	51	- 386
K -AR	48	- 417	AE- X	85	- 871
Q -AL	49	- 451			

Maximum Gable Forces Per Ply (lbs)

▲ Maximum Reactions (lbs), or *=PLF

/Rh

Non-Gravity

/109 /-

/37

Chords Tens. Comp.

/RL

-813

/Rw /U

Min Req = 1.5 (Truss)

/-

Min Req =

Min Req = -

Z-AB

Gravity

/-

AE Brg Wid = 3.5

AB Brg Wid = -

/-310 Wind reactions based on MWFRS Brg Wid = 474

Bearings A & AE are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Loc R+

A* 191 AE 1588

AB 529

Z-AB



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SEQN: 87592 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T40 DrwNo: 276.22.0845.25370 FROM: Qty: 1 Schneiders Page 2 of 2 Truss Label: B01 GA / DF 10/03/2022

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

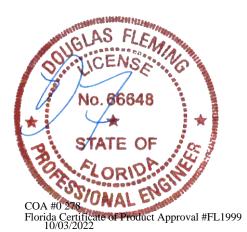
Bearing at location x=47'5"5 uses the following support conditions: 47'5'5
Bearing AB (47'5"5, 9') HUS26
Supporting Member: (3)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member (4) 0.148"x3" nails into supported member.

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

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.

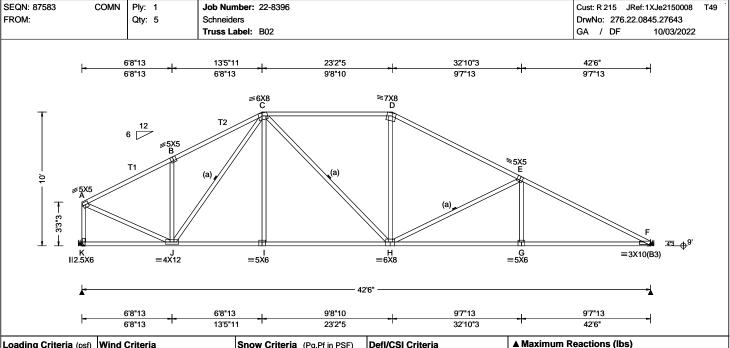


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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-16	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.143 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.266 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.058 F
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.39 ft		HORZ(TL): 0.109 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: 0.791
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.462
Spacing: 24.0 "	C&C Dist a: 4.25 ft	Rep Fac: Yes	Max Web CSI: 0.774
	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		Loading	

Lumber

Top chord: 2x4 SP M-31; T1,T2 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

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

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

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 support conditions: 0' Bearing K (0', 9') HUS26

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

member, (6) 0.148"x3" nails into supported member

(J) Hanger Support Required, by others

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

Purlins

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

Wind

Wind loads based on MWFRS with additional C&C

Left end vertical not exposed to wind pressure.

Wind loading based on both guilde and this roof types.

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL Ю /982 Κ 1993 /-/111 /259 1880 /1069 /152 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = -Κ Brg Wid = -Min Req = -Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 482 - 2184 D-E 572 - 2600 726 - 2189 844 - 3493 B - C C-D 637 - 2212

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	omp.	Chords	Tens. Comp.		
J - I	2030	- 61	H-G	3016	- 620	
I - H	2037	-60	G-F	3020	- 619	

Maximum Web Forces Per Ply (lbs)

VVCDS	rens.comp.	WEDS	i ciis. (Joinp.
A - K	454 - 1936	H-D	519	- 125
A - J	2031 - 371	H - E	595	- 910
B - J	481 - 437	E-G	404	0
C - I	472 0			



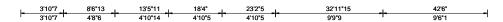
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

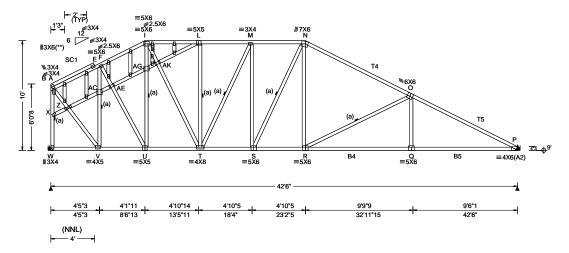
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SEQN: 87702 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T32 FROM: DrwNo: 276.22.0845.31577 Qty: 1 Schneiders Truss Label: B03 GA / DF 10/03/2022





Loading	Criteria (psf)	Wind Criteria	Snow Cri	teria (Pg	,Pf in PSF)	Defl/CSI Cr	iteria		
TCLL:	20.00	Wind Std: ASCE 7-16	Pg: NA	Ct: NA	CAT: NA	PP Deflection	on in loc	L/defl	L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA		Ce: NA	VERT(LL):	0.127 R	999	240
BCLL:	0.00	Enclosure: Closed	Lu: NA	Cs: NA		VERT(CL):	0.262 R	999	180
BCDL:	10.00	Risk Category: II	Snow Dur	ration: NA	١	HORZ(LL):	0.054 P	-	-
Des Ld:	40.00	EXP: C Kzt: NA Mean Height: 15.00 ft				HORZ(TL):		-	-
NCBCLL:	10.00	TCDL: 5.0 psf	Building C	Code:		Creep Facto	or: 2.0		
Soffit:	2.00	BCDL: 5.0 psf	FBC 7th E	Ed. 2020 I	Res.	Max TC CS	l: 0.652		
Load Dura	ation: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std:	2014		Max BC CS	I: 0.700	1	
Spacing: 2	24.0 "	C&C Dist a: 4.25 ft	Rep Fac:	Yes		Max Web C	SI: 0.741		
-		Loc. from endwall: Any	FT/RT:20	(0)/10(0)					
		GCpi: 0.18	Plate Type	e(s):					
		Wind Duration: 1.60	WAVE			VIEW Ver: 2	21.02.00.1	005.17	7

Additional Notes

Lumber

Top chord: 2x4 SP #2; T4,T5 2x4 SP M-31; Bot chord: 2x4 SP #2; B4,B5 2x4 SP M-31; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 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

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

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

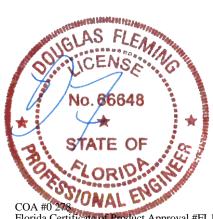
Wind loads based on MWFRS with additional C&C

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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



Florida Certificate of Product Approval #FL1999

▲ Maxin	▲ Maximum Reactions (lbs)						
	Gravity		No	n-Grav	vity		
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
W 174	3 /-	/-	/936	/-	/422		
P 175	1 /-	/-	/1101	/90	/-		
Wind re	actions b	ased on	MWFRS				
W Brg	Wid = -	Min	Req = -				
P Brg	Wid = -	Min	Req = -				
Member	s not liste	ed have	forces less	than 3	375#		
Maximu	m Top C	hord F	orces Per	Ply (lb	s)		
Chords	Tens.Co	mp.	Chords	Tens.	Comp.		
A - E	0	- 955	L - M	114	- 1671		
E-F	74	- 878	M - N	209	- 1877		
[]] F - I	78 -	1339	N - O	285	- 2296		
I-L	77 -	1571	0 - P	549	- 3225		

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. W - V 451 S-R 1923 - 159

0 V - U 964 R - Q 2780 0 - 355 II-T 1268 0 O - P2783 - 354 T - S 1871 0

Maximum Web Forces Per Ply (lbs)

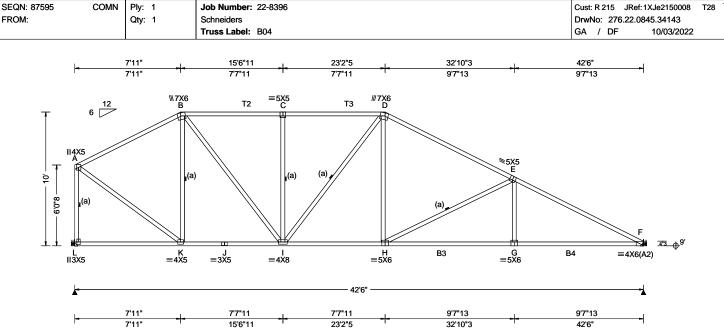
Webs	Tens.Comp.	Webs	Tens. (comp.
B - X	104 - 1683	I-AK	945	- 76
B - Z	1448 0	U -AG	11	- 469
W - X	105 - 1704	AK- T	878	- 94
Z - V	1444 0	T - M	199	- 471
V -AC	27 - 1039	S - N	403	- 172
AC- F	14 - 1011	N - R	638	- 182
F-AE	658 0	R - O	587	- 962
AE- U	638 0	O - Q	417	0
I -AG	25 - 433			

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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: 16.08 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.25 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)	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.126 H 999 240 VERT(CL): 0.259 H 999 180 HORZ(LL): 0.050 F - HORZ(TL): 0.102 F - Creep Factor: 2.0 Max TC CSI: 0.764 Max BC CSI: 0.784 Max Web CSI: 0.580
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17
1	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	

▲ Maximum Reactions (lbs)						
	G	avity		No	n-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1743	/-	/-	/923	/-	/257
F	1751	/-	/-	/1089	/97	/-
Win	d rea	ctions b	ased on	MWFRS		
L	Brg V	Vid = -	Mir	Req = -		
F	Brg V	Vid = -	Mir	Req = -		
				forces less	than 3	375#
Max	timun	n Top C	hord F	orces Per	Ply (lb	s)
Cho	rds ⁻	Tens.Co	mp.	Chords	Tens.	Ćomp.
A - I	В	193 -	1440	D-E	395	- 2302
B-0		270 -	1802	E-F	663	- 3222
ا - C − ا	Ď	270 -	1802			-

Lumber

Top chord: 2x4 SP M-31; T2,T3 2x4 SP #2; Bot chord: 2x4 SP #2; B3,B4 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

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

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

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	1206	0	H-G	2776	- 458	
J - I	1206	0	G-F	2779	- 456	
I-H	1931	0				

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (comp.
A - L	277 - 1680	C - I	0	- 450
A - K	1489 - 64	D-H	673	- 178
B - K	127 - 695	H - E	594	- 949
B - I	963 - 19	E-G	411	0



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

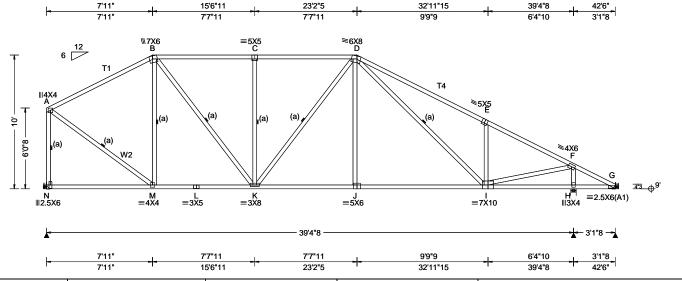
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 87606 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T30 FROM: DrwNo: 276.22.0845.36617 Qty: 1 Schneiders Truss Label: B05 GA / DF 10/03/2022



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): 0.085 J 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.175 J 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.030 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.061 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: 0.826
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.882
Spacing: 24.0 "	C&C Dist a: 4.25 ft	Rep Fac: Yes	Max Web CSI: 0.871
-	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
Lumbor	•	•	•

Top chord: 2x4 SP #2; T1,T4 2x4 SP M-31;

Bot chord: 2x4 SP #2:

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

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

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

▲ Maximum Reactions (lbs)

Clavity				NOII-Glavity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
	1603 1994		/- /-	/853 /1236			
		/-171	, /-	/46		, /-	

Non Gravity

Tens. Comp.

Wind reactions based on MWFRS

Brg Wid = -Min Req =

Brg Wid = 4.9 Min Req = 2.0 (Truss) Brg Wid = -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.

A - B D-E 1198 - 2130 685 - 1312 B - C 969 - 1575 E-F 929 - 2076 C-D 969 - 1575 F-G 417 - 244

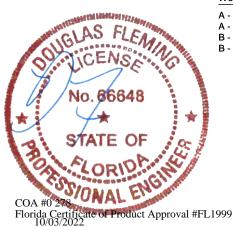
Chords

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.		
M - L	1092 - 247	K-J	1605	- 474	
L-K	1092 - 247	J - I	1602	- 475	

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
A - N	808 - 1540	C-K	364	- 442
A - M	1348 - 615	I - E	506	- 534
B - M	450 - 610	I-F	2099	- 897
B - K	781 - 431	F-H	915	- 1870



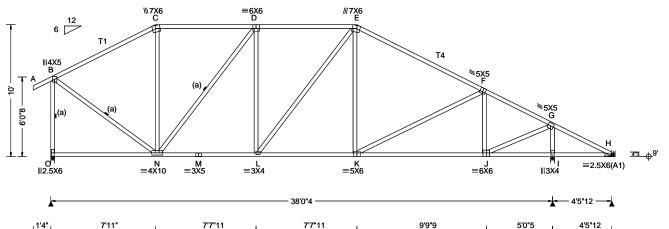
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SEQN: 87612 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T51 FROM: DrwNo: 276.22.0845.38430 Qty: 5 Schneiders Truss Label: B06 / DF 10/03/2022 15'6"11 23'2"5 32'11"15 38'0"4 42'6" 7'11' 7'7"11 7'7"11 9'9"9 4'5"12 ₩7X6 =6X6 D **#7**¥6



23'2"5

32'11"15

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): 0.089 L 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.163 L 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.036 J
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.067 J
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: 0.842
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.846
Spacing: 24.0 "	C&C Dist a: 4.25 ft	Rep Fac: Yes	Max Web CSI: 0.875
-	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			

15'6"11

▲ Maximum Reactions (lbs) Non-Gravity Gravity Loc R+ /Rh /Rw /U 0 1916 /-/893 /310 /276 2207 /-/-/1217 /332 /-36 /-188 /-/10 /46 Wind reactions based on MWFRS Brg Wid = 3.5 Min Req = 2.3 (Truss) BrgWid = 3.5Min Req = 2.2 (Truss) Brg Wid = -Min Rea = -Bearings O & 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.

38'0"4

B - C E-F 930 - 2019 685 - 1459 747 - 1221 C-D F-G 740 - 1679 D-E 940 - 1752 G-H 580 - 178

Chords

K - .I

.1 - 1

1 - H

Webs

F-J

J - G

G - I

Tens. Comp.

Tens. Comp.

- 507

- 420

- 490

- 739

1489

181

211

407

2063

865 - 2082

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp.

1745 - 426

N - M

M - L

1 - K

B - N

N - D

1745 - 426

1688 - 422

Tens.Comp.

836 - 1780

1497 - 565

400 - 868

Maximum Web Forces Per Ply (lbs)

Bot chord: 2x4 SP #2:

Webs: 2x4 SP #3;

(a) Continuous lateral restraint equally spaced on

Top chord: 2x4 SP #2; T1,T4 2x4 SP M-31;

Loading

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

Purlins

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

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -188# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.



Florida Certificate of Product Approval #FL1999 10/03/2022

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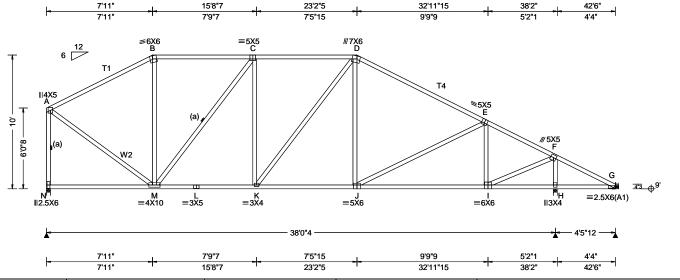
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 87621 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T18 FROM: Qty: 2 DrwNo: 276.22.0845.40137 Schneiders Truss Label: B07 / DF 10/03/2022



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: 4.25 ft Loc. from endwall: Any GCoi: 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): 0.086 K 999 240 VERT(CL): 0.158 K 999 180 HORZ(LL): 0.036 I HORZ(TL): 0.067 I Creep Factor: 2.0 Max TC CSI: 0.844 Max BC CSI: 0.847 Max Web CSI: 0.784
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumbor			

	▲ Maximum Reactions (lbs)							
		G	ravity		No	n-Grav	rity	
0	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL	
0	N	1826	/-	/-	/823	/291	/255	
	Н	2201	/-	/-	/1215	/328	/-	
	G	40	/-180	/-	/10	/42	/-	
	Win	d reac	tions bas	sed on M	WFRS			
	N	Brg W	/id = 3.5	Min Re	eq = 2.2	(Truss	:)	
	Н	Brg W	/id = 3.5	Min R	eq = 2.2	(Truss)	
	G	Brg W	/id = -	Min R	eq = -			
	Bearings N & H are a rigid surface.							
	Members not listed have forces less than 375#							
	Maximum Top Chord Forces Per Ply (lbs)							
	Cho	rds T	ens.Con	np. C	hords	Tens.	Ćomp.	

670 - 1463 - 2024 A - B 923 B - C 735 - 1228 E-F 738 - 1687 C-D 929 - 1757 565 - 170

Chords

.1 - 1

1 - H

H-G

Tens. Comp.

- 504

- 407

- 477

1497

175

204

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp.

M - I

L-K

K - .I

1749 - 417

1692 - 416

1749 - 417

Bot chord: 2x4 SP #2:

(a) Continuous lateral restraint equally spaced on

Top chord: 2x4 SP #2; T1,T4 2x4 SP M-31;

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

Loading

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

Purlins

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

Wind

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -180# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.



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

A - N 785 - 1690 E - I 403 1505 - 594 I - F 2057 A - M -729 F-H M - C 404 - 864 856 - 2076

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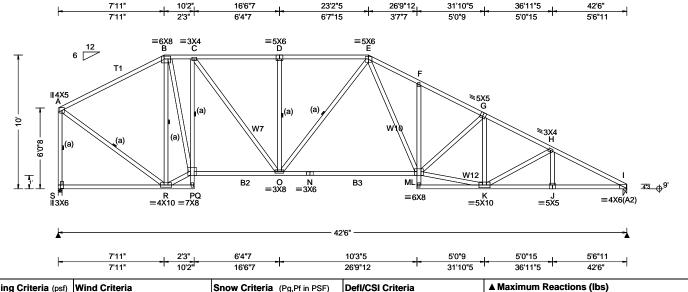
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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



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

SEQN: 87628 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T36 FROM: DrwNo: 276.22.0845.43940 Qty: 1 Schneiders Truss Label: B08 / DF 10/03/2022



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	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): 0.189 F 999 240	Loc R+ /R- /Rh /Rw /U /RL		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.389 F 999 180	S 1744 /- /- /913 /324 /255		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.081 I	I 1756 /- /- /1084 /294 /-		
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.167 I	Wind reactions based on MWFRS		
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	S Brg Wid = 3.5 Min Req = 2.1 (Truss)		
Soffit: 2.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.706	I Brg Wid = 3.5 Min Req = 2.1 (Truss)		
Load Duration: 1.2		TPI Std: 2014	Max BC CSI: 0.818	Bearings S & I are a rigid surface.		
Spacing: 24.0 "	C&C Dist a: 4.25 ft	Rep Fac: Yes	Max Web CSI: 0.907	Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)		
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Chords Tens.Comp. Chords Tens. Comp.		
	GCpi: 0.18	Plate Type(s):		<u> </u>		
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	A - B 748 - 1453 E - F 1573 - 293 B - C 929 - 1574 F - G 1429 - 295		

L	.um	ber

Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP #2; B2,B3 2x4 SP M-31; Webs: 2x4 SP #3; W7,W10 2x4 SP M-31; W12 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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

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

Left end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

NΑ	IPP Deflection	onin loc L	_/defl	L/#		G	iavily		IN
	VERT(LL):				Loc	R+	/ R-	/Rh	/ Rw
	VERT(CL):				s	1744	/-	/-	/913
	HORZ(LL):	0.081 I	-	-	Ĭ	1756	/-	/-	/1084
	HORZ(TL):	0.167 I	-	-	Win	d reac	tions ba	sed on I	MWFRS
	Creep Facto				s	Brg W	/id = 3.5	Min I	Req = 2.

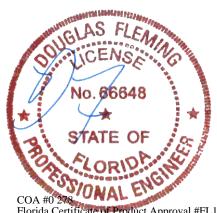
A - B	748 - 1453	E-F	1573	- 2933
B-C	929 - 1574	F-G	1429	- 2954
C - D	1153 - 2070	G-H	1371	- 2976
D-E	1153 - 2070	H - I	1450	- 3373

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	Comp.	Chords	Tens. Comp.		
P-0	1591	- 432	K-J	2946 - 1209		
O - N	2124	- 690	J - I	2948 - 1207		
NI - I	2126	- 680				

Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	webs	rens. (omp.
A - S	870 - 1682	C-O	814	- 427
A - R	1491 - 679	D - O	359	- 445
B - R	646 - 1364	E-L	1131	- 577
B - P	1565 - 597	L-K	2660	- 997
R-P	1351 - 321	K - H	240	- 397
P - C	460 - 801			



Florida Certificate of Product Approval #FL1999

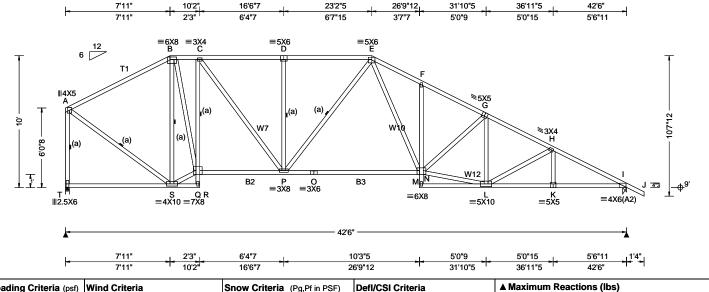
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SEQN: 87630 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T29 FROM: DrwNo: 276.22.0845.46170 Qty: 1 Schneiders Truss Label: B09 / DF 10/03/2022



Loading Criteria (psf)	pading 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): 0.189 F 999 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.389 F 999 180		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.081 I		
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.167 I		
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: 0.706		
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.818		
Spacing: 24.0 "	C&C Dist a: 4.25 ft	Rep Fac: Yes	Max Web CSI: 0.907		
	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					

Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP #2; B2,B3 2x4 SP M-31; Webs: 2x4 SP #3; W7,W10 2x4 SP M-31; W12 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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

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

Left end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Bearings T & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

> C-D 1153 - 2070 G-H 1371 - 2976 D-E 1153 - 2070 1450 - 3373

/Rh

Brg Wid = 3.5 Min Req = 2.1 (Truss)

Non-Gravity

/324

/RL

/255

/-

Tens. Comp.

- 2933

- 2954

1573

1429

/Rw /U

/1084 /294

/913

Min Reg = 2.1 (Truss)

Chords

F-G

Gravity

/R

Wind reactions based on MWFRS Brg Wid = 3.5

748 - 1453

929 - 1574

Loc R+

B - C

1744 /-

1756

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. Q-P 1591 - 432 2946 - 1209 L-K P - O 2124 - 690 2948 - 1207 K-I O - M 2126 - 689

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. A - T 870 - 1682 C-P 814 - 427 A - S 1491 - 679 D-P 359

- 445 E - M B - S 646 - 1364 1131 - 577 B - Q 1565 - 597 M - L 2660 - 997 S - Q - 321 1351 L-H 240 - 397 Q-C 460 - 801



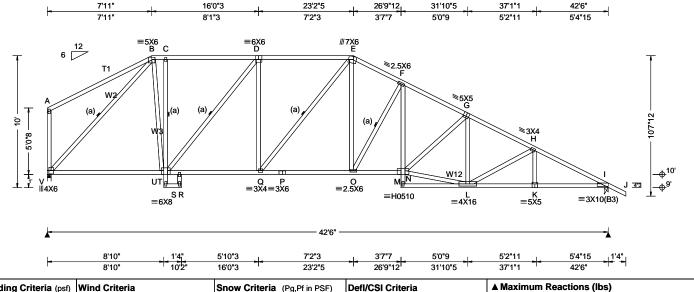
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SEQN: 87643 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T46 FROM: DrwNo: 276.22.0848.15850 Qty: 2 Schneiders Truss Label: B10 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/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): 0.224 M 999 240	<u> </u>
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.407 M 999 180	١
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.085 I	1
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.155 I	١
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: 0.735	1!
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.549	1:
Spacing: 24.0 "	C&C Dist a: 4.25 ft	Rep Fac: Yes	Max Web CSI: 0.833	H
' '	Loc. from endwall: Any	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		լ :
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 21.02.00.1005.17	Ľ
- ·		,		- (

Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3; W2,W3 2x4 SP M-31; W12 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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

Purlins

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

Wind loads based on MWFRS with additional C&C

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

MARTINE TO LEAD TO THE PARTY OF	
ON LICENSE	ANI.
SOLICENSE) III
No. 66648	and the same
**	*
STATE OF	25
COA #0 278 ONAL ENGIN	STORY OF
COA #0.278 UNA	

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Non-Gravity Gravity Loc R+ /R /Rh /Rw /U ν 2077 /-/917 /319 /-/-/1166 /323 1997 Wind reactions based on MWFRS Brg Wid = 3.5Min Reg = 1.7 (Truss)

Brg Wid = 3.5 Min Req = 1.7 (Truss) Bearings V & I are a rigid surface.

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

Cilolus	rens.comp.	Ciloius	16113.	Comp.
B-C	890 - 1754	F-G	1432	- 3323
C-D	888 - 1748	G-H	1373	- 3293
D - E	1158 - 2408	H - I	1439	- 3661
E-F	1300 - 2799			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	comp.	Chords	Tens.	Comp.
V - T	1565	- 279	P-0	2467	- 645
T - S	2403	- 581	O - M	2904	- 891
S - Q	2397	- 592	L-K	3201	- 1163
Q-P	2467	- 645	K-I	3202	- 1161

Maximum Web Forces Per Plv (lbs)

Webs	Tens.Comp.	Webs	Comp.	
V - B	854 - 2319	0 - F	515	- 918
B - T	1574 - 613	F-M	799	- 299
T - D	486 - 1035	M - L	2905	- 981
F - O	953 - 366			

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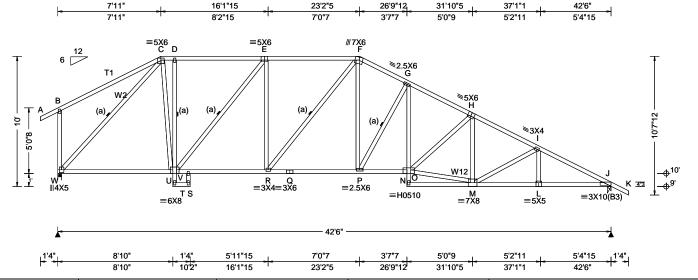
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SEQN: 87650 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T42 FROM: Qty: 2 DrwNo: 276.22.0848.23570 Schneiders Truss Label: B11 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	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: 15.75 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.25 ft Loc. from endwall: Any	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)	DefI/CSI Criteria	1
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE, HS	VIEW Ver: 21.02.00.1005.17	-

Lumbei

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

Webs: 2x4 SP #3; W2 2x4 SP M-31; W12 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on

Plating Notes

All plates are 2X4 except as noted.

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

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

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 20° O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

Ce: NA	VERT(LL):	0.225	Ν	999	240	L
	VERT(CL):	0.409	Ν	999	180	v
	HORZ(LL):			-	-	J
	HORZ(TL):	0.155	J	-	-	٧
	Creep Facto	r: 2.0				٧
es.	Max TC CSI	: 0.7	'39			J

num Rea	ctions (lbs)		
Gravity		No	n-Grav	/ity
/ R-	/ Rh	/ Rw	/ U	/ RL
7 /-	/-	/992	/-	/272
6 /-	/-	/1156	/103	/-
actions b	ased on	MWFRS		
Wid = 3.	5 Min	Req = 1.8	(Truss	s)
Wid = 3.	5 Min	Req = 1.7	(Truss	s)
sW&Ja	are a rigio	d surface.		
s not liste	ed have t	forces less	than 3	375#
m Top C	hord Fo	rces Per	Ply (lb:	s)
Tens.Co	mp.	Chords	Tens.	Comp.
238 -	1747	G-H	484	- 3318
			570	- 3290
214 -	2404	I - J	660	- 3658
390 -	2795	-	,,,,	
	Gravity / R- 7 /- 8 /- 9 Gravity / R- 7 /- 9 Gravity / R- 9 Gravit	Gravity / R- / Rh / /- /- 6 /- /- actions based on Wid = 3.5 Min Wid = 3.5 Min S W & J are a rigi s not listed have m Top Chord Fo Tens.Comp. 238 - 1747	/ R- / Rh / Rw / R- / Rh / Rw / R- /- /- /992 / 1156 // - /- /1156 // - /- /1156 // - /- /1156 // - /- /1156 // - /- /1156 // - /- /- /1156 // - /- /- /1156 // - /- /- /- /- /- /- /- /- /- /- /- /-	Gravity

Chords	Tens.Comp.		Chords	Tens. Comp.		
w - u	1559	0	Q-P	2464	0	
U - T	2399	0	P - N	2900	- 40	
T - R	2393	0	M - L	3198	- 469	
R - Q	2464	0	L-J	3199	- 468	

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
W-C	0 - 2311	P-G	498 - 916	
C - U	1565 0	G - N	797 - 215	
U - E	16 - 1040	N - M	2902 - 255	
F-P	953 - 375			



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SEQN: 87749 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T34 FROM: DrwNo: 276.22.0848.26217 Qty: 1 Schneiders Truss Label: B12 GA / DF 10/03/2022 15'6"11 23'2"5 32'8"7 42'6" 1'11'12 5'11"4 7'7"11 7'7"11 9'6"1 9'9"9 =5X6 **#7**∑6 ₩7X6 **∌**3X4 **≥6X6** (a) (a) 6'0"8 Т5

=5X6

40'8"

7'7"11

1' 1'	11 ' 12 7'11" ['] 1	5'6"11 ¹ 23'2"5	32'8"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): 0.115 K 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.235 K 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.045 H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.093 H
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: 0.707
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.733
Spacing: 24.0 "	C&C Dist a: 4.25 ft	Rep Fac: Yes	Max Web CSI: 0.872
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	

W<u>AVE</u>

7'7"11

=4X8

N ≡4X4

5'11"4

Wind Duration: 1.60

=3X6

▲ Maximum Reactions (lbs) VIEW Ver: 21.02.00.1005.17

=5X6

ВЗ

9'6"1

Gravity				Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
0	1916	/-	/-	/1065	/348	/290	
H	1768	/-	/-	/1119	/304	/-	
Win	d reac	tions ba	sed on	MWFRS			
0	Brg W	/id = 3.5	Min	Req = 1.9	(Truss	s)	
Н	Brg W	/id = 3.5	Min	Req = 1.5	(Trus	s)	
Bea	ırings (0 & H ar	e a rigi	id surface.	-	•	
Mer	nbers	not listed	d have	forces less	than 3	375#	
Max	cimum	Top Ch	ord F	orces Per	Ply (lb	s)	
Cho	ords T	ens.Cor	np.	Chords	Tens.	Comp.	
C -	D	615 - 10	187	F-G	1056	- 2121	
Ď-	_	952 - 1		G-H	1280	- 3026	
Ē-	_	952 - 1		•	00	5520	

В4

9'9"9 42'6"

Lumber

Top chord: 2x4 SP #2; T4,T5 2x4 SP M-31; Bot chord: 2x4 SP #2; B3,B4 2x4 SP M-31; Webs: 2x4 SP #3;

1'10"

1'4" 1'11"12

Bracing

(a) Continuous lateral restraint equally spaced on

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

Wind

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

Left end vertical not exposed to wind pressure.

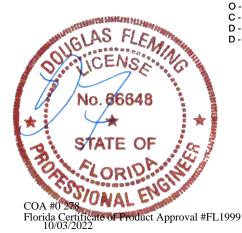
Left cantilever is exposed to wind

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)								
Chords	Tens.C	comp.	Chords	Tens. 0	Comp.			
N - M	906	- 107	K-J	2597	- 969			
M - L	906	- 107	J - H	2600	- 968			
L-K	1771	- 496						

Maximum Web Forces Per Ply (lbs)

rens.comp.	Webs	Tens. (Jonip.
891 - 1712	E-L	383	- 478
1318 - 560	F-K	668	- 163
498 - 856	K-G	535	- 934
1106 - 564	G-J	410	0
	891 - 1712 1318 - 560 498 - 856	891 - 1712 E - L 1318 - 560 F - K 498 - 856 K - G	891 - 1712 E - L 383 1318 - 560 F - K 668 498 - 856 K - G 535



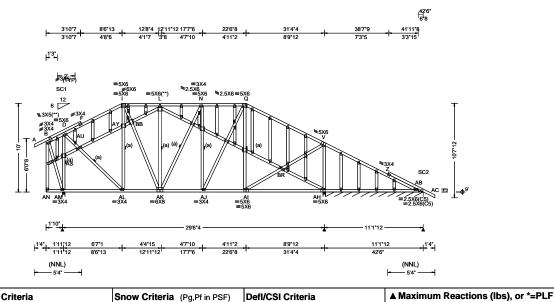
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SEQN: 87760 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T41 FROM: DrwNo: 276.22.0848.45140 Qty: 1 Schneiders Truss Label: B13 GA / DF 10/03/2022



Loading (Criteria (psf)	Wind Criteria	Snow Cri	teria (Pg	,Pf in PSF)	Defl/CSI Cr	iteria		
TCLL:	20.00	Wind Std: ASCE 7-16	Pg: NA	Ct: NA	CAT: NA	PP Deflection	on in loc L	./defl	L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA		Ce: NA	VERT(LL):	0.047 G	999	240
BCLL:	0.00	Enclosure: Closed	Lu: NA	Cs: NA		VERT(CL):	0.095 G	999	180
BCDL:	10.00	Risk Category: II	Snow Dui	ation: NA	L	HORZ(LL):	0.022 G	-	-
Des Ld:	40.00	EXP: C Kzt: NA Mean Height: 15.00 ft				HORZ(TL):	0.045 G	-	-
NCBCLL:	10.00	TCDL: 5.0 psf	Building C	code:		Creep Facto	or: 2.0		
Soffit:	2.00	BCDL: 5.0 psf	FBC 7th E	d. 2020 I	Res.	Max TC CS	I: 0.352		
Load Dura	ation: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std:	2014		Max BC CS	I: 0.500		
Spacing: 2	24.0 "	C&C Dist a: 4.25 ft	Rep Fac:	Yes		Max Web C	SI: 0.897		
		Loc. from endwall: Any	FT/RT:20	(0)/10(0)					
		GCpi: 0.18	Plate Typ	e(s):					
		Wind Duration: 1.60	WAVE			VIEW Ver: 2	21.02.00.1	005.17	7

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2: Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2; Stack Chord: SC2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

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

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

Left end vertical not exposed to wind pressure.

Left cantilever is exposed to wind

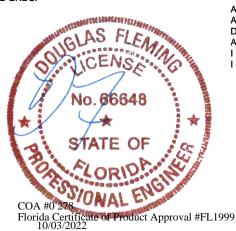
Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

LATERALLY BRACE TOP CHORD BELOW FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



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Glenview, IL 60025

Gravity

/-

AM Brg Wid = 3.5

AH Brg Wid = 3.5

AB Brg Wid = 132

Chords Tens.Comp.

Chords Tens.Comp.

627 - 47

Tens.Comp.

635 - 1133

644 - 1131

1011 - 564

818 - 335

255

471

/Rh

/-

Wind reactions based on MWFRS

- 767

Maximum Bot Chord Forces Per Ply (lbs)

607 - 724

709 - 814

400 - 205

Maximum Web Forces Per Ply (lbs)

- 415

- 298

Loc R+

AH 1497

AB*75

D-F

F - I

I-L

AM-AL

AL-AK

Webs

AM-AS

AS- D

D-AU

AU-AL

I-AY

I-BB

AM 1424 /-

Non-Gravity

/258

/184

/18

/RL

/296

/-

Tens. Comp.

Tens. Comp.

Tens. Comp.

- 704

- 751

- 733

- 130

-69

- 458

- 297

- 56

- 473

- 293

600

610

572

888

781

294

472

668

380

949

448 - 1082

/Rw /U

/846

/864

/50

Min Req = 1.5 (Truss)

Min Req = 1.8 (Truss)

Chords

N-Q

Q-V

Chords

AK-A.I

AJ-AI

Webs

AL-AY

BB-AK

AI-BR

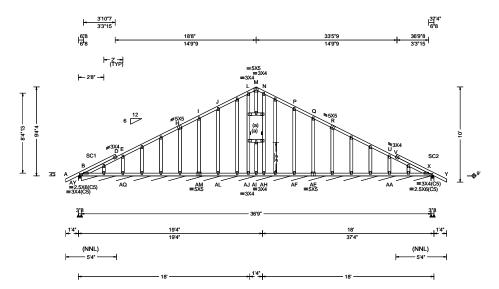
BR-AH

BR-V

AH- V

Min Rea = Bearings AM, AH, & AH are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

SEQN: 87779 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 FROM: Qty: 1 DrwNo: 276.22.0848.47980 Schneiders Truss Label: C01 GA / DF 10/03/2022



Loading Crite	ria (psf)	Wind Criteria	Snow Crite	eria (Pg	Pf in PSF)	Defl/CSI Cr	iteria			
TCLL: 20.0	00	Wind Std: ASCE 7-16	Pg: NA (Ct: NA	CAT: NA	PP Deflection	on in I	loc L/	defl	L/#
TCDL: 10.0	00		Pf: NA		Ce: NA	VERT(LL):	0.007	M	999	240
BCLL: 0.00	0	Enclosure: Closed	Lu: NA (Cs: NA		VERT(CL):	0.007	D	999	180
BCDL: 10.0	00	Risk Category: II	Snow Durat	tion: NA		HORZ(LL):	0.014	V	-	-
Des Ld: 40.0 NCBCLL: 10.0 Soffit: 2.0 Load Duration: Spacing: 24.0	00 0 : 1.25	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: 3.73 ft	Building Co FBC 7th Ed TPI Std: 20 Rep Fac: V	I. 2020 F 014		-HORZ(TL): Creep Facto Max TC CS Max BC CS Max Web C	or: 2.0 I: 0. I: 0.	566 069	-	-
opading: 2 no		Loc. from endwall: Any GCpi: 0.18	FT/RT:20(0 Plate Type(\(\(\(\) \(\) \(\)	24.02.0	0.40	05.47	,
		Wind Duration: 1.60	WAVE			VIEW Ver: 2	21.02.0	0.100	05.17	

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2; Stack Chord: SC2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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



▲ M	▲ Maximum Reactions (lbs), or *=PLF							
		Gravity		N	on-Gra	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
ΑY	538	/-	/-	/245	/78	/561		
AY*	168	/-	/-	/61	/38	/-		
Х	538	/-	/-	/317	/71	/-		
Win	d rea	actions b	ased on	MWFRS				
ΑY	Brg	Wid = 3	.5 Min	Req = 1.5	5 (Trus	s)		
ΑY	Brg	Wid = 4	41 Min	Req = -				
Х	Brg	Wid = 3	.5 Min	Req = 1.5	5 (Trus	s)		
Bea	rings	SAY, AY	, & X are	a rigid su	ırface.			
Mer	Members not listed have forces less than 375#							
Maximum Top Chord Forces Per Ply (lbs)								
Cho	ords	Tens.C	omp.	Chords	Tens.	Ćomp.		
_	_	240	202	M N	een	125		

D-E	3 4 9 - 393	101 - 10	002	- 123
I - J	478 - 221	N - P	664	- 126
J-L	697 - 194	P-Q	398	- 121
L - M	672 - 136			

Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	rens.c	omp.	Choras	rens. (Jomp.
B -AQ	515	- 195	Al-AH	540	- 192
AQ-AM	535	- 194	AH-AF	540	- 192
AM-AL	537	- 193	AF-AE	536	- 190
AL-AJ	541	- 193	AE-AA	533	- 189
AJ-AI	540	- 192	AA- X	512	- 179

Maximum Gable Forces Per Ply (lbs)

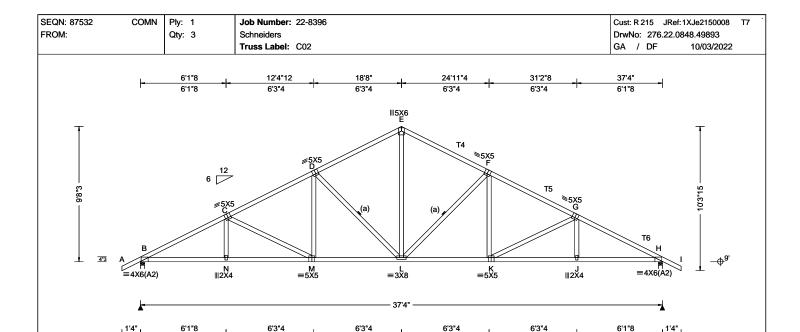
Gables	Tens.C	omp.	Gables	Tens. (Comp.
E -AQ I -AM J -AL		- 401 - 382 - 413	AF- P AE- Q AA- U	266 213 336	

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18'8'

Coading Criteria (psf)					
TCDL: 10.00 Speed: 130 mph Pf: NA Ce: NA VERT(LL): 0.151 K 999 240 BCDL: 0.00 Enclosure: Closed Lu: NA Cs: NA VERT(CL): 0.291 K 999 180 BCDL: 10.00 Risk Category: II Snow Duration: NA HORZ(LL): 0.057 H - Des Ld: 40.00 Mean Height: 15.00 ft Building Code: Creen Factor: 2.0	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲
Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Spacing: 24.0 " GCpi: 0.18 Wind Duration: 1.60 Wave Wave Wave Spacing: 24.0 Spacing: 24	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: 3.73 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): 0.151 K 999 240 VERT(CL): 0.291 K 999 180 HORZ(LL): 0.057 H HORZ(TL): 0.110 H Creep Factor: 2.0 Max TC CSI: 0.452 Max BC CSI: 0.326 Max Web CSI: 0.845	L B H V B H B M N C B C

12'4"12

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 1718 /-/978 /286 /283 1718 /978 /286 /-Wind reactions based on MWFRS Brg Wid = 3.5Min Reg = 1.5 (Truss) Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings B & 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. B - C C - D 1156 - 3061 934 - 1947 1053 - 2572 F-G 1053 - 2572 D-E 934 - 1947 G-H 1155 - 3060

37'4

31'2"8

Lumber

Top chord: 2x4 SP M-31; T4,T5,T6 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

(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.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - N 2664 - 917 2210 - 644 N - M 2662 - 919 K-J 2662 -897 J - H M - L 2210 - 671 2664 - 895

Maximum Web Forces Per Ply (lbs)

webs	rens.c	omp.	webs	rens. (Jomp.
C - M	283	- 492	L-F	415	- 779
M - D	436	- 71	F-K	437	- 70
D-L	417	- 779	K-G	282	- 492
E-L	1284	- 501			



Florida Certificate of Product Approval #FL1999 10/03/2022

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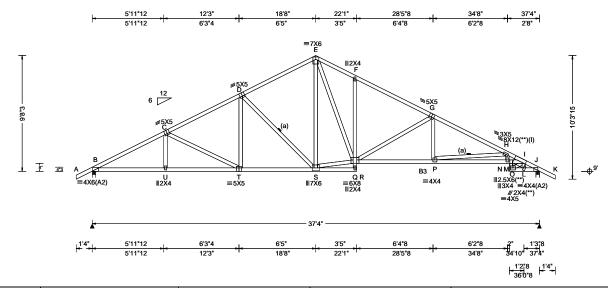
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

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

SEQN: 87541 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T22 FROM: DrwNo: 276.22.0848.52113 Qty: 4 Schneiders Truss Label: C03 GA / DF 10/03/2022



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): 0.246 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.487 F 912 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.135 J
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.266 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: 0.821
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.765
Spacing: 24.0 "	C&C Dist a: 3.73 ft	Rep Fac: Yes	Max Web CSI: 0.990
	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

Lumbei

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; B3 2x4 SP M-31;

Webs: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

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

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

Wind loading based on both gable and hip roof types.

Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)
Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity
Pf: NA Ce: NA	VERT(LL): 0.246 F 999 240	Loc R+ /R- /Rh /
Lu: NA Cs: NA	VERT(CL): 0.487 F 912 180	B 1685 /- /- /
Snow Duration: NA	HORZ(LL): 0.135 J	J 1660 /- /- /-
	HORZ(TL): 0.266 J	Wind reactions based on MWF
Building Code:	Creep Factor: 2.0	B Brg Wid = 3.5 Min Req
FBC 7th Ed. 2020 Res.	Max TC CSI: 0.821	J Brg Wid = 3.5 Min Req
TPI Std: 2014	Max BC CSI: 0.765	Bearings B & J are a rigid surfa
Rep Fac: Yes	Max Web CSI: 0.990	Members not listed have force
FT/RT:20(0)/10(0)		Maximum Top Chord Forces
\		Chords Tens.Comp. Chord
Plate Type(s):	VIEW Ver: 21 02 00 1005 17	B - C 1155 - 2989 F - G

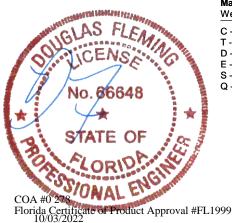
	G	iravity		No	on-Grav	/ity	
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL	
В	1685	/-	/-	/978	/286	/283	
J	1660	/-	/-	/978	/286	/-	
Win	d read	ctions bas	sed on	MWFRS			
В	Brg V	Vid = 3.5	Min	Req = 2.0	(Trus	s)	
J	Brg V	Vid = 3.5	Min	Req = 2.0) (Truss	s)	
Bea	Bearings B & J are a rigid surface.						
Mer	Members not listed have forces less than 375#						
Max	Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds ⁻	Tens.Con	np.	Chords	Tens.	Ćomp.	
В-0	С	1155 - 29	989	F-G	1063	- 2401	
C -	Ď	1055 - 25	501	G-H	1277	- 3240	
D -	E	933 - 18	368	H-I	2026	- 5360	
E - I	F	1189 - 23	340	I-J	854	- 2272	

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	2600 - 917	O - M	4828 - 1757
U - T	2597 - 918	N - L	1854 - 634
T-S	2148 - 673	M - I	5027 - 1820
Q-P	2817 - 945	L-J	1886 - 648
P-0	4731 - 1733		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
C-T	278	- 489	G-P	458	- 24
T - D	441	-66	P - H	805	- 1908
D - S	422	- 798	H - O	905	- 226
E - Q	1298	- 616	N - M	1206	- 403
S - Q	1593	- 362	N - I	786	- 2311
Q-G	426	- 873			



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FROM: DrwNo: 276.22.0849.17287 Qty: 1 Schneiders Truss Label: D01 GA / DF 10/03/2022 7'9" 12'6" 15'6' 4'9" 4'9" ∥2X4 D <u>+</u> 1′10″3 → 4"3 G ∥2X4 H ≡6X6 | ||2X4 \equiv 3X4(A1) \equiv 3X4(A1) 15'6" 4'9" 4'9" 3' 7'9" 12'6" 15'6"

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: 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): 0.080 D 999 240 VERT(CL): 0.160 D 999 180 HORZ(LL): 0.017 F HORZ(TL): 0.033 F Creep Factor: 2.0 Max TC CSI: 0.471 Max BC CSI: 0.502 Max Web CSI: 0.328		
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17		

Job Number: 22-8396

	▲ Maximum Reactions (lbs)						
Gravity Non-Gravity						/ity	
	Loc R-	+ /R-	/ Rh	/ Rw	/ U	/ RL	
	B 959) /-	/-	/-	/203	/-	
		/-	/-	/-	/168	/-	
	Wind re	actions b	ased on	MWFRS			
	B Brg	Wid = 3	.5 Min	Req = 1.5	(Truss	s)	
	F Bro	Wid = 3	.5 Min	Req = 1.5	(Truss	s)	
	Bearing	sB&Fa	are a rigio	I surface.			
	Members not listed have forces less than 375#						
	Maximum Top Chord Forces Per Ply (lbs)						
	Chords	Tens.C	omp.	Chords	Tens.	Ćomp.	
_	в-с	310 -	1555	D-E	450	- 2183	
_	C-D	450 -	2183	E-F	321	- 1587	

Maximum Bot Chord Forces Per Ply (lbs)

Chords

H-G

G-F

Webs

H-E

Tens. Comp.

Tens. Comp.

- 272

- 276

- 187

1399

1385

824

Chords Tens.Comp.

I - H

Webs

C-H

1350 - 264

1363 - 259

Tens.Comp.

862 - 201

Maximum Web Forces Per Ply (lbs)

Cust: R 215 JRef: 1XJe2150008

T17

SEQN: 87551

HIPS

Ply: 1

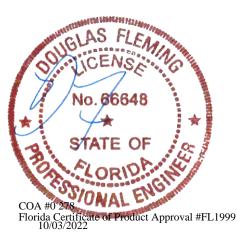
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Special Loads

(Lumber	Dur.Fac.=1	.25 / Plate D	or.Fac.=1.2	25)
TC: From	62 plf at	-1.33 to	62 plf at	3.00
TC: From	31 plf at	3.00 to	31 plf at	12.50
TC: From	62 plf at	12.50 to	62 plf at	15.50
BC: From	4 plf at	-1.33 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	3.03
BC: From	10 plf at	3.03 to	10 plf at	12.47
BC: From	20 plf at	12.47 to	20 plf at	15.50
TC: 108 lb	Conc. Load	at 3.03,12	.47	
TC: 66 lb	Conc. Load	at 5.06, 7.0	06, 8.44,10.	44
BC: 82 lb	Conc. Load	lat 3.03,12	.47	
BC: 50 lb	Conc. Load	at 5.06.7.	06. 8.44.10.	.44

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

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

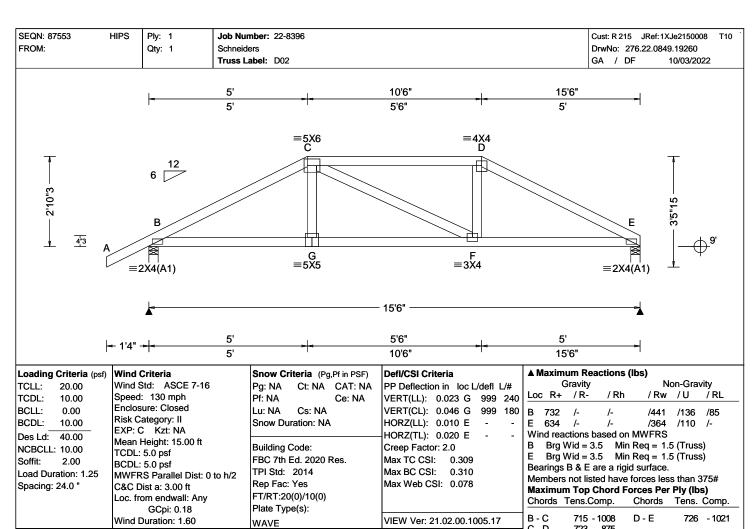


WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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Lumber

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

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chorus	rens.comp.	Chorus	Tens. C	Jonnp.
	847 - 562 852 - 559	F-E	863	- 558



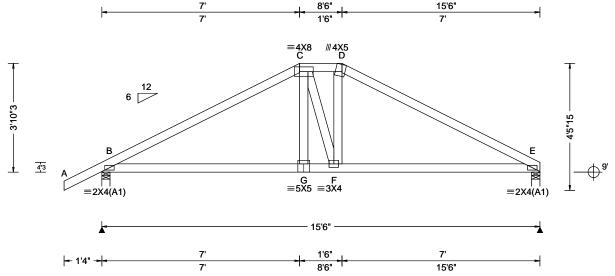
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SEQN: 87465 HIPS Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T11 FROM: DrwNo: 276.22.0849.20740 Qty: 1 Schneiders Truss Label: D03 GA / DF 10/03/2022



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 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): 0.015 E 999 240 VERT(CL): 0.031 E 999 180 HORZ(LL): 0.008 E HORZ(TL): 0.016 E Creep Factor: 2.0 Max TC CSI: 0.562 Max BC CSI: 0.505 Max Web CSI: 0.065 VIEW Ver: 21.02.00.1005.17	
Lumber				,

▲ Ma	▲ Maximum Reactions (lbs)							
	G	ravity		N	on-Grav	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
В 7	732	/-	/-	/445	/134	/111		
E 6	34	/-	/-	/368	/107	/-		
Wind	l read	tions b	ased on	MWFRS				
В	Brg W	Vid = 3	.5 Min	Req = 1.5	5 (Truss	s)		
E	Brg V	Vid = 3	.5 Min	Req = 1.5	5 (Truss	s)		
Beari	ings I	в&Еа	are a rigi	d surface.	•	•		
Mem	bers	not list	ed have	forces les	s than 3	375#		
Maxi	Maximum Top Chord Forces Per Ply (lbs)							
				Chords		•		
B - C C - D	;	527 575	- 900 - 743	D-E	534	- 907		

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

Purlins

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

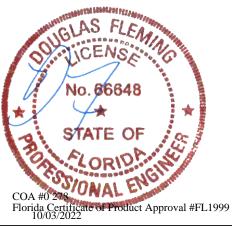
Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 727 - 356 F-E 735 - 350

730 - 355

G-F



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

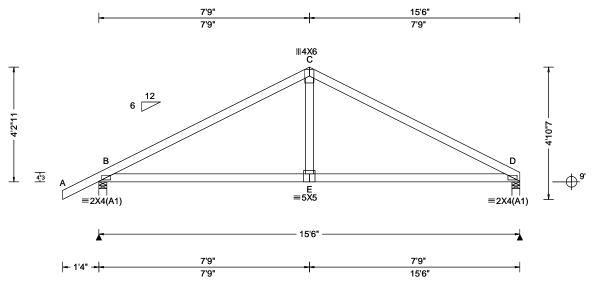
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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

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

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 87555 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T20 FROM: DrwNo: 276.22.0849.22773 Qty: 1 Schneiders Truss Label: D04 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
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): 0.017 D 999 240 VERT(CL): 0.035 D 999 180 HORZ(LL): 0.008 B HORZ(TL): 0.017 B Creep Factor: 2.0 Max TC CSI: 0.645 Max BC CSI: 0.587 Max Web CSI: 0.133	1
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	E
Lumber				٠.

	▲ Maxin	num Rea	ctions (I	bs)		
		Gravity		No	on-Grav	/ity
)	Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	B 732		/-			
	D 634	/-	/-	/368	/106	/-
	Wind rea	actions b	ased on I	MWFRS		
	B Brg	Wid = 3.	.5 Min l	Req = 1.5	(Truss	s)
	D Brg	Wid = 3.	5 Min l	Req = 1.5	(Truss	s)
	Bearings	sB&Da	re a rigid	surface.	•	•
	Member	s not liste	ed have f	orces less	s than 3	375#
	Maximu	m Top C	hord Fo	rces Per	Ply (lb	s)
				Chords		•
	B - C	488	- 897	C - D	490	- 895

Top chord: 2x4 SP #2;

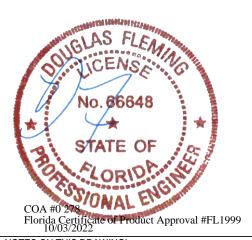
Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

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. 722 - 305 E-D 722 - 305



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

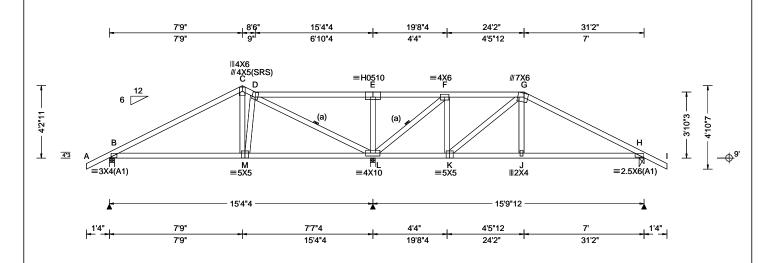
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 87568 SPEC Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T35 FROM: DrwNo: 276.22.0849.59483 Qty: 1 Schneiders Truss Label: D05 GA / DF 10/03/2022



Landing Critoria (c. 0	Wind Criteria	Smarr Critaria (D. Di i. DOE)	Defl/CSI Criteria
J		Snow Criteria (Pg,Pf in PSF)	Den/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): 0.050 J 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.102 J 999 180
	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.021 H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.042 H
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: 0.895
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.658
Spacing: 24.0 "	C&C Dist a: 3.12 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.598
-	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	ctions (II	bs)		
		G	ravity		No	on-Grav	/ity
,	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	В	537	/-	/-	/-	/101	/-
	L	2829	/-	/-	/-	/578	/-
	Н	1303	/-	/-	/-	/267	/-
	Win	d read	tions ba	ased on N	MWFRS		
	В	Brg W	/id = 3.	5 Min F	Req = 1.5	(Truss	s)
	L	Brg V	/id = 3.	5 Min F	Req = 3.0	(Truss	s)
	Н	Brg V	/id = 3.	5 Min F	Req = 1.5	(Truss	s)
	Bea	rings I	3, L, & I	H are a ri	gid surfa	ce.	
	Mer	nbers	not liste	ed have fo	orces less	s than 3	375#
	Max	imum	Top C	hord Fo	rces Per	Ply (lb:	s)
	Cho	rds T	ens.Co	mp. (Chords	Tens.	Ćomp.

B - C - 161 72 - 486 779 C-D 97 - 399 F-G 224 - 1095 D-E - 2126 779 - 161 G-H 440

Bracing

Top chord: 2x4 SP #2;

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

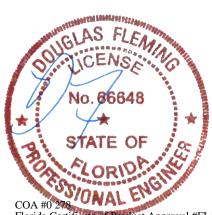
(a) Continuous lateral restraint equally spaced on

Special Loads

(Lumber	Dur.Fac.=1	.25 / Plate D	Dur.Fac.=1.2	25)
TC: From	62 plf at	-1.33 to	62 plf at	16.23
TC: From	31 plf at	16.23 to	31 plf at	24.17
TC: From	62 plf at	24.17 to	62 plf at	32.50
BC: From	4 plf at	-1.33 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	16.23
BC: From	10 plf at	16.23 to	10 plf at	24.14
BC: From	20 plf at	24.14 to	20 plf at	31.17
	4 plf at		4 plf at	32.50
	Conc. Load			
	Conc. Load).23,22.23	
	Conc. Load			
	Conc. Load			
	Conc. Load		0.23,22.23	
BC: 510 lb	Conc. Load	at 24.14		

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

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



Florida Certificate of Product Approval #FL1999

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	Comp.	Chords	Tens. (Comp.
B - M	409	- 30	K-J	1849	- 359
M - L	383	- 104	J - H	1820	- 361
L-K	1017	- 218			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
M - D	515 - 112	F-K	961 - 64
D-L	185 - 1083	K-G	175 - 1010
L-F	497 - 2326	J - G	690 0
E 1	246 502		

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SEQN: 87726 HIPS Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T53 Ply: 3 FROM: DrwNo: 276.22.0850.29807 Qty: 1 Schneiders Truss Label: D06 GA / DF 10/03/2022 3 Complete Trusses Required 3'10"12 8'1"8 11'9"12 15'4"4 23'0"8 27'11"8 31'2" 3'10"12 4'2"12 3'8"4 3'6"8 7'8"4 4'11' 3'2"8 ∥2X4 E =8X8 ≷3X4 ` H ф^{9'} 4*3 |⁸|∟ ||4X4 N ⊪5X6 M ≡8X16 K ≡7X6 ∥2X10 =3X12(B3) =3X4(A1) **∥2**X4 15'9"12 15'4"4

3'6"8

15'4"4

7'8"4

23'0"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): 0.061 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.122 N 999 180
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): 0.031 C
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: 0.513
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.380
Spacing: 24.0 "	C&C Dist a: 3.12 ft	Rep Fac: Yes	Max Web CSI: 0.793
	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		Mind	

3'8"4

11'9"12

4'2"12

8'1"8

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W6 2x4 SP #2;

Nailnote

Nail Schedule:0.131"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.

3'10"12

3'10"12

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) -1.33 to 31.17 TC: From 62 plf at 62 plf at BC: From 4 plf at -1.33 to 4 plf at 0.00 BC: From BC: 529 20 plf at 0.00 to 20 plf at 31.17 529 lb Conc. Load at 1.90 BC: 1880 lb Conc. Load at 3.90, 5.90, 7.90, 9.90 BC: 1751 lb Conc. Load at 12.90,14.90 BC: BC: 16 lb Conc. Load at 16.90 36 lb Conc. Load at 18.90,20.90,22.90,24.02 26.02 40 lb Conc. Load at 28.02,30.02 BC:

Purlins

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

Wind

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

Additional Notes

Negative reaction(s) of -429# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Maximum Bot Chord Forces Per Plv (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
B - O	3103	- 254	M - L	87	- 908
O - N	3061	- 251	L-K	0	- 463
N - M	1995	- 157			

Maximum Web Forces Per Ply (lbs)

4'11"

27'11"8

Gravity

Brg Wid = 3.5

Chords Tens.Comp.

Loc R+

5300 /-

11227 /-/-429 /-

В

B - C

C-D

D-E

▲ Maximum Reactions (lbs)

/Rh

Brg Wid = 3.5 Min Req = 1.5 (Truss)

/-

Brg Wid = 3.5 Min Req = 1.5Bearings B, L, & I are a rigid surface. Members not listed have forces less than 375# **Maximum Top Chord Forces Per Ply (lbs)**

Wind reactions based on MWFRS

289 - 3487

183 - 2246

67 - 1114

3'2"8

31'2"

/Rw / U

Min Req = 2.7 (Truss)

Chords

E-F

F-G

G-H

Non-Gravity

/475 /-

/1163 /-

Tens. Comp.

1093

524

67 - 1114

- 105

0

/198

/RL

webs	Tens.Comp.	webs	Tens. Comp.
0-C	999 - 63	M - F	3122 - 239
C - N	104 - 1177	F-L	249 - 2557
D - N	1857 - 142	L-G	162 - 808
D - M	134 - 1321		



Florida Certificate of Product Approval #FL1999 10/03/2022

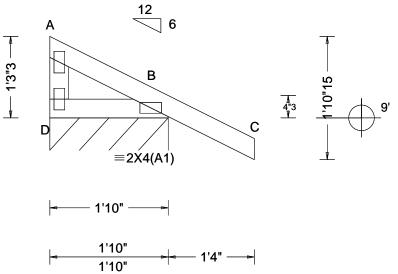
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 87467 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T37 FROM: Qty: 1 DrwNo: 276.22.0850.31813 Schneiders Truss Label: E01 GA / DF 10/03/2022



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): 0.001 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: 15.00 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: 0.390
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.071
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.030
	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

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rw /U /RL B* 237 /-/-/142 /249 /141 Wind reactions based on MWFRS B Brg Wid = 22.0 Min Req = -Bearing D 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

All plates are 2X4 except as noted.

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



Florida Certificate of Product Approval #FL1999 10/03/2022

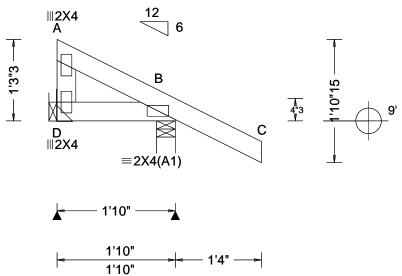
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 87570 MONO Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T31 FROM: DrwNo: 276.22.0850.33413 Qty: 4 Schneiders Truss Label: E02 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximu
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): -0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B HORZ(TL): 0.000 B Creep Factor: 2.0 Max TC CSI: 0.195 Max BC CSI: 0.032 Max Web CSI: 0.018 VIEW Ver: 21.02.00.1005.17	Gr. Loc R+ D 35 B 214 Wind react D Brg W B Brg W Bearing B i Members n

um Reactions (lbs) ravity Non-Gravity /R /Rh /Rw /U /RL /-/22 /55 /-/-/89 /52 /ctions based on MWFRS Min Reg = Nid = -Nid = 3.5 Min Req = 1.5 (Truss) is a rigid surface. not listed have forces less than 375#

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 not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



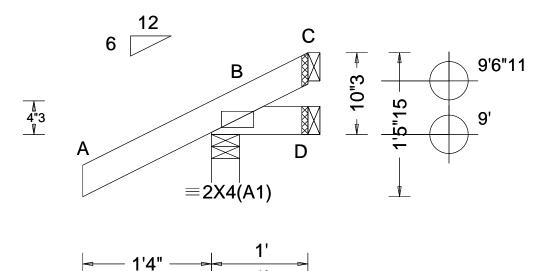
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 87543 JACK Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T15 FROM: DrwNo: 276.22.0850.34613 Qty: 6 Schneiders Truss Label: J01 GA / DF 10/03/2022



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 Mean Height: 15.00 ft		HORZ(TL): 0.000 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: 0.195
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.027
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 222 /-/175 D /-12 /-/13 /12 /-6 /-39 /28 /38 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.



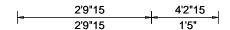
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

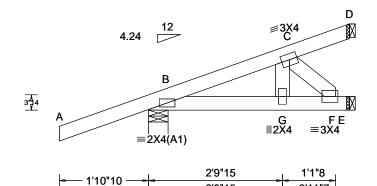
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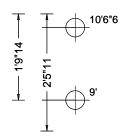
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SEQN: 87549 HIP_ Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T24 FROM: DrwNo: 276.22.0850.36240 Qty: 2 Schneiders Truss Label: J01HJ GA / DF 10/03/2022





2'9"15



			4'2"15
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): -0.004 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		HORZ(TL): 0.002 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: 0.308
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.084
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.007
	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			

	▲ M	laximu	ım Read	tions (lb	s)		
		G	ravity		No	on-Grav	vity
)	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
)	В	190	/-	/-	/-	/49	/-
	Е	32	/-	/-	/6	/-	/-
	D	43	/-	/-	/-	/14	/-
	Win	d read	tions ba	sed on M	WFRS		
	В	Brg V	Vid = 4.9	Min R	eq = 1.5	(Trus	s)
	Е	Brg V	Vid = 1.5	Min R	eq = -		
	D	Brg V	Vid = 1.5	Min R	eq = -		
	Bea	ring B	is a rigid	d surface.			
	Mer	nbers	not liste	d have for	rces less	s than 3	375#

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

Loading

Hipjack supports 3-0-0 setback jacks with no webs.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

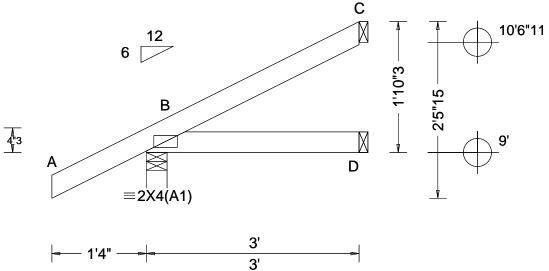
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 87545 **EJAC** Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T16 FROM: DrwNo: 276.22.0850.37583 Qty: 6 Schneiders Truss Label: J02 GA / DF 10/03/2022



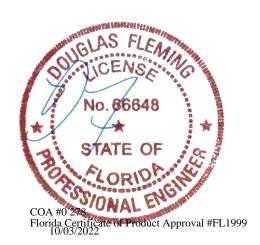
Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 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.	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 B HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.201 Max BC CSI: 0.066 Max Web CSI: 0.000

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 244 /-/175 /71 D 50 /-/27 66 /39 /35 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!

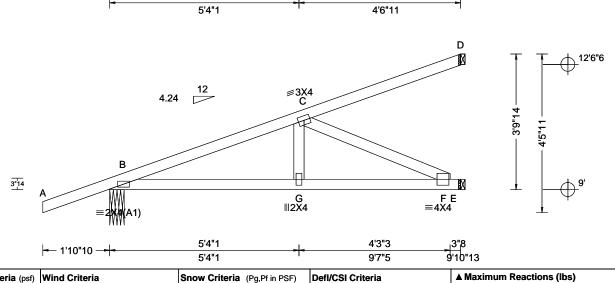
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SEQN: 87565 HIP_ Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T19 FROM: DrwNo: 276.22.0850.40453 Qty: 1 Schneiders Truss Label: J02HJ GA / DF 10/03/2022 5'4"1 9'10"13



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	ı
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 G 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.038 G 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.004 D	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 D	
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: 0.582	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.214	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.340	
-	Loc. from endwall: NA	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	
Lumban				-

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.

Maximum Bot Chord Forces Per Ply (lbs)

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

/Rh

/-

Wind reactions based on MWFRS Brg Wid = 4.9

Chords Tens.Comp. Chords Tens. Comp. B - G 690 - 112 G-F 682 - 116

Non-Gravity

/13 /-

/93

/RL

/-

/Rw / U

Min Req = 1.5 (Truss)

Min Req =

Min Req = -

Maximum Web Forces Per Ply (lbs)

Tens.Comp. Webs C-F 128 - 753

Gravity

Brg Wid = 1.5

Brg Wid = 1.5

Chords Tens.Comp.

Bearing B is a rigid surface.

126 - 752

Loc R+

244

В 439

Е 381

B - C



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

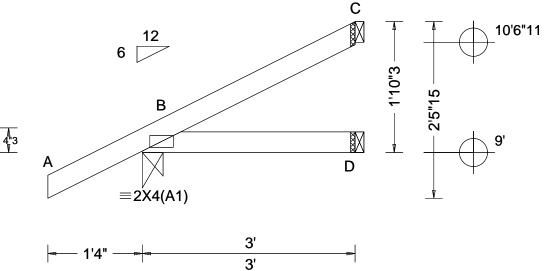
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 87557 JACK Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T14 FROM: DrwNo: 276.22.0850.42530 Qty: 2 Schneiders Truss Label: J03 GA / DF 10/03/2022



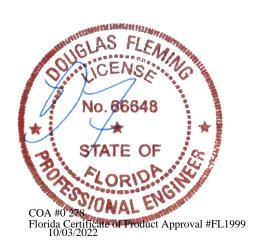
Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 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.	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 B HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.201 Max BC CSI: 0.066 Max Web CSI: 0.000

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 244 /-/175 /71 D 50 /-/27 66 /39 /35 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!

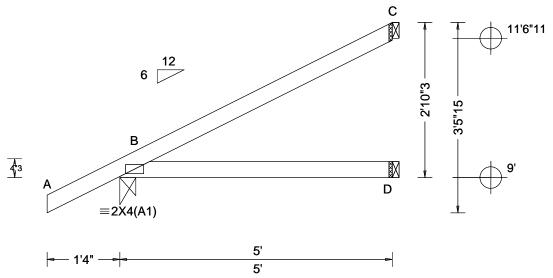
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

SEQN: 87559 JACK Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T13 FROM: DrwNo: 276.22.0850.44007 Qty: 2 Schneiders Truss Label: J04 GA / DF 10/03/2022



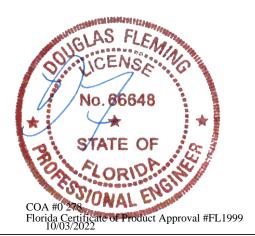
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 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): NA VERT(CL): NA HORZ(LL): 0.004 B HORZ(TL): 0.009 B Creep Factor: 2.0 Max TC CSI: 0.427 Max BC CSI: 0.237 Max Web CSI: 0.000
Lumber	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 316 /219 /106 D 90 /-/49 129 /81 /65 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!

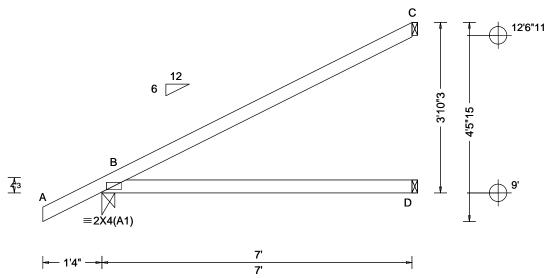
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

SEQN: 87561 **EJAC** Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T12 FROM: DrwNo: 276.22.0850.45403 Qty: 4 Schneiders Truss Label: J05 GA / DF 10/03/2022



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	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
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17
Lumber	1		1

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U В 394 /267 /43 /142 129 /-/74 189 /119 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.



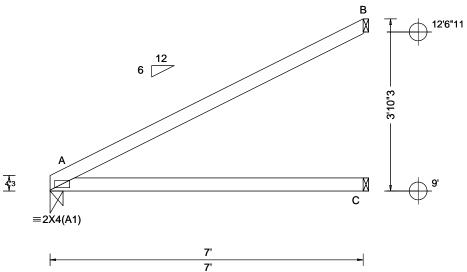
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 87563 **EJAC** Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T23 FROM: DrwNo: 276.22.0850.48107 Qty: 1 Schneiders Truss Label: J06 GA / DF 10/03/2022



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): 0.016 A
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.034 A
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: 0.900
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.532
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 294 /186 /123 131 /-/78 /124 194 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!

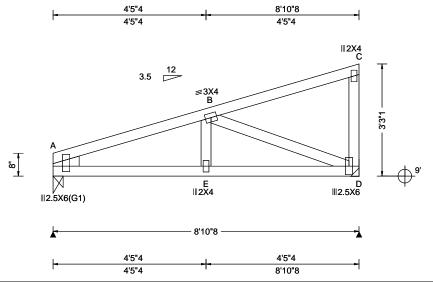
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SEQN: 87735 MONO Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T47 FROM: DrwNo: 276.22.0850.50640 Qty: 1 Schneiders Truss Label: J07 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	A
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Wind Std: 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	PP Deflection in loc L/defl L/# VERT(LL): 0.011 E 999 240 VERT(CL): 0.023 E 999 180 HORZ(LL): 0.004 D HORZ(TL): 0.008 D	
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	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.280 Max BC CSI: 0.234 Max Web CSI: 0.242	B N N
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	A

	▲ N	laxim	um Rea	ctions (II	os)		
		G	avity		No	on-Gra	vity
,	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
١	Α	359	/-	/-	/213	/49	/91
	D	359	/-	/-	/221	/83	/-
	Wir	nd read	ctions b	ased on N	/WFRS		
	Α	Brg V	Vid = 3.	5 Min F	Req = 1.5	(Trus	s)
	D	Brg V	Vid = -	Min F	Req = -		
	Bea	aring A	is a rig	id surface) .		
	Me	mbers	not liste	ed have fo	rces less	s than	375#
	Ma	ximun	n Top C	hord For	ces Per	Ply (lk	os)
	Cho	ords -	Tens.Co	mp.			-
	Α-	В	434	- 616			

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Stub Wedge: 2x4 SP #3;

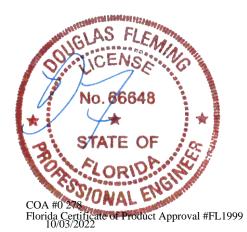
Wind loads based on MWFRS with additional C&C member design.

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. A - E 552 - 603 546

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

B - D 645 - 580



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

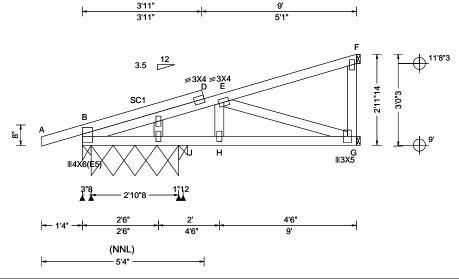
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 446256 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T54 FROM: DrwNo: 276.22.0850.53500 Qty: 1 Schneiders Truss Label: J08 GA / DF 10/03/2022



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): 0.018 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.034 E 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 G
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.009 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: 0.671
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.231
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.342
' "	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.01.1214.12

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

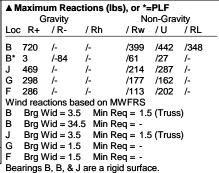
Additional Notes

Negative reaction(s) of -241# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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

The overall height of this truss extending overhang is 2-11-14.



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

B - D	351 - 460	D - E	669	- 746
B-D	325 - 426			

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - H 1572 - 2081 H-G 803 - 1069

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.		Webs	Tens. Comp.		
H-F	381 - 231	F-G	1101 - 826	:	



Florida Certificate of Product Approval #FL1999 10/03/2022

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

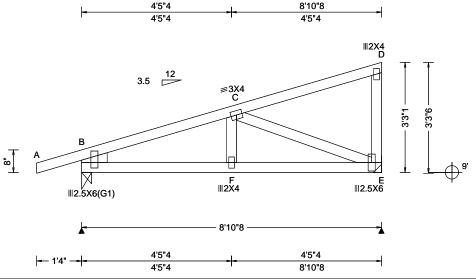
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SEQN: 87733 MONO Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T45 FROM: DrwNo: 276.22.0851.07430 Qty: 9 Schneiders Truss Label: J10 GA / DF 10/03/2022



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-16 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):	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.012 F 999 240 VERT(CL): 0.024 F 999 180 HORZ(LL): 0.004 E HORZ(TL): 0.007 E Creep Factor: 2.0 Max TC CSI: 0.265 Max BC CSI: 0.232 Max Web CSI: 0.231	
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	╛

▲ M	aximu	ım Read	tions (lbs	s)		
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	452	/-	/-	/282	/75	/102
Е	352	/-	/-	/217	/81	/-
Win	d reac	tions ba	sed on M	WFRS		
В	Brg V	Vid = 3.5	Min Re	eq = 1.5	(Trus	s)
Ε	Brg V	Vid = -	Min Re	eq = -		
Bea	ring B	is a rigid	d surface.			
Men	nbers	not listed	d have for	ces les	than :	375#
Max	imum	Top Ch	ord Ford	es Per	Ply (lb	s)
Cho	rds T	ens.Cor	np.		•	•
В-0	0	406 -	592			

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Stub Wedge: 2x4 SP #3;

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.

Webs

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 527 - 574 521

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

C-E 613 - 552



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

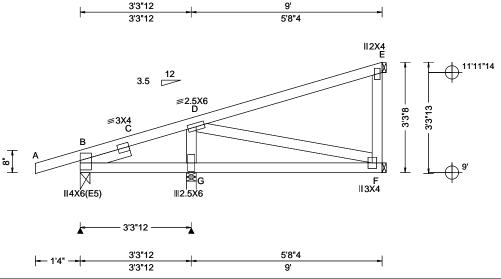
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SEQN: 446254 MONO Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T1 FROM: DrwNo: 276.22.0851.09100 Qty: 1 Schneiders Truss Label: J11 GA / DF 10/03/2022



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	Wind Stid: 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	PP Deflection in loc L/defl L/# VERT(LL): -0.005 C 999 240 VERT(CL): -0.015 C 999 180 HORZ(LL): -0.002 C - HORZ(TL): 0.006 C - Creep Factor: 2.0	E
Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max TC CSI: 0.461 Max BC CSI: 0.252 Max Web CSI: 0.150	V E C F E E
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.01.1214.12	١

	A M	avimı	ım Reac	tions (lbs	<u> </u>		
			ravity	(IDO	•	n-Grav	ritv
,	Loc	R+		/ Rh	/Rw	/ U	/ RL
'n	В	207	/-	/-	/111	/42	/104
		448		/- /-	/274		/10 4 /-
	-	-	/-	/-		/-	/-
	Е	145	/-	/-	/69	/66	/-
	Win	d read	tions bas	sed on MV	VFRS		
	В			Min Re			
	G	Brg V	/id = 3.5	Min Re	q = 1.5	(Truss	s)
				Min Re			
	E	Brg V	/id = 1.5	Min Re	q = -		
_	Bea	rings l	3 & G ar	e a rigid sı	urface.		
	Men	nbers	not listed	d have force	ces less	than 3	75#
	Max			orces Per	Ply (lb	s)	
	WA	ne T	one Con	nn.			

Webs Tens.Comp. G-D 505 - 336

Lumber

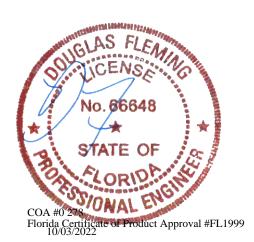
Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Slider: 2x4 SP #3; block length = 1.531'

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.

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



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

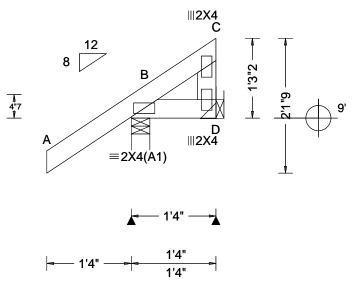
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have 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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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 87492 MONO Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 FROM: DrwNo: 276.22.0851.10753 Qty: 5 Schneiders Truss Label: J12 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-16	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ibs) Gravity Non-Gravity
TCLL: 20.00 TCDL: 10.00	Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/#	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II	Lu: NA Cs: NA Snow Duration: NA	VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B	B 218 /- /- /176 /39 /55 D 11 /-14 /- /39 /34 /-
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): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.199 Max BC CSI: 0.038 Max Web CSI: 0.010	Wind reactions based on MWFRS B Brg Wid = 3.5 Min Req = 1.5 (Truss) D Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17	
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.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

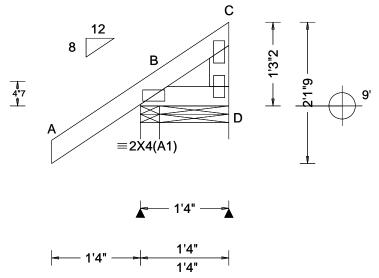
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

SEQN: 87494 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 FROM: Qty: 2 DrwNo: 276.22.0851.12947 Schneiders Truss Label: J13 GA / DF 10/03/2022



Lumber

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

Plating Notes

All plates are 2X4 except as noted.

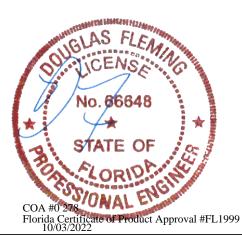
In lieu of structural panels use purlins to brace TC @ 24" oc.

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.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

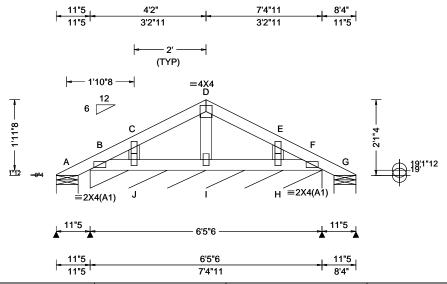
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 87575 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T26 FROM: DrwNo: 276.22.0851.14843 Qty: 1 Schneiders Truss Label: PB01 GA / DF 10/03/2022



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): 0.000 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 D 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 E
NCBCLL: 10.00	Mean Height: 15.39 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: 0.203
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.020
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.092
	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

		G	ravity		No	n-Grav	ity
	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
	Α	55	/-	/-	/62	/38	/108
	В*	228	/-	/-	/82	/48	/-
	G	54	/-	/-	/35	/19	/-
	J		/-120				
	Н		/-120				
	Win	d read	tions bas	sed on MV	VFRS		
	Α	Brg W	/id = 7.3	Min Re	q = 1.5	(Truss)
	В	Brg W	/id = 77.3	3 Min Re	q = -		
	G	Brg W	/id = 7.3	Min Re	q = 1.5	(Truss)
_	Bea	rings A	4, B, & G	are a rigi	d surfac	ce.	
	Mer	nbers	not listed	have for	es less	than 3	75#
	Max	cimum	Web Fo	orces Per	Ply (lb:	s)	
	Wel	bs T	ens.Con	np. We	ebs	Tens.	Comp.
	C-		307 - 3	185 H.	. F	308	- 383

▲ Maximum Reactions (lbs), or *=PLF

D-I

94 - 378

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind loads based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.



Florida Certificate of Product Approval #FL1999 10/03/2022

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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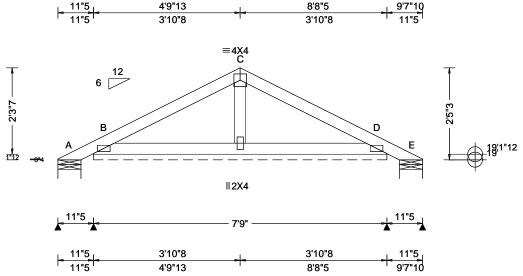
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



SEQN: 87446 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T48 FROM: DrwNo: 276.22.0851.16213 Qty: 5 Schneiders Truss Label: PB02 GA / DF 10/03/2022



	1		
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 D
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 D
NCBCLL: 10.00	Mean Height: 15.39 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: 0.156
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.071
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.024
' "	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
	ı	· ·	

▲ Ma	aximu	ım Rea	ctions (II	os), or *=	:PLF	
Gravity				No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α .	-	/-45	/-	/46	/64	/62
B* 8	89	/-	/-	/60	/30	/-
Ε.	-	/-45	/-	/25	/36	/-
Wind	d reac	tions b	ased on N	/WFRS		
Α	Brg V	Vid = 7.	3 Min F	Req = 1.5	(Trus	s)
В	Brg V	Vid = 93	3.0 Min F	. = eq	•	•
E	Brg V	Vid = 7.	3 Min F	Req = 1.5	(Trus	s)
Bear	rings /	A, B, &	E are a ri	gid surfa	ce.	•
Men	nbers	not liste	ed have fo	rces les	s than	375#

Lumber

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

Plating Notes

All plates are 2X4(A1) except as noted.

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Wind

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

Refer to DWG PB160160118 for piggyback details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

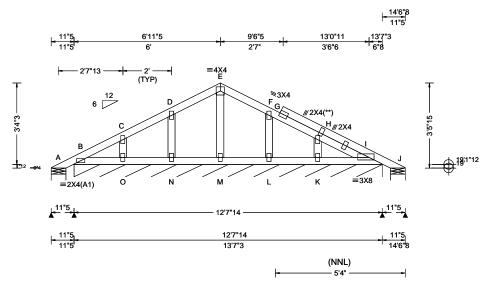
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SEQN: 87708 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T50 FROM: Qty: 1 DrwNo: 276.22.0851.18187 Schneiders Truss Label: PB03 GA / DF 10/03/2022



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): 0.001 G 999 240
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 G 999 180
10.00 I	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 I
Dec I d: 10 00	EXP: C Kzt: NA		HORZ(TL): 0.002 G
NODOLL 40 00	Mean Height: 16.08 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
0.00	BCDL: 5.0 psf	FBC 7th Ed. 2020 Res.	Max TC CSI: 0.224
	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.060
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.110
	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

	▲ Maximum Reactions (lbs), or *=PLF						
		G	Gravity		No	on-Gra	vity
٥	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	Α	51	/-	/-	/98	/83	/201
	В*	230	/-	/-	/75	/45	/-
.	J	164	/-	/-	/102	/44	/-
	0		/-123				
	Ν		/-140				
	L		/-144				
	K		/-117				
	Wir			ased on N			
	Α			3 Min F		5 (Trus	s)
\dashv	В			1 Min F			
	J			3 Min F			s)
	Bearings A, B, & J are a rigid surface.						
	Me	mbers	not liste	d have fo	orces les	s than	375#

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

C - O	255 - 386	E - M	2	- 392
D N	070 540		450	505
D - N	370 - 549	L-F	153	- 525

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

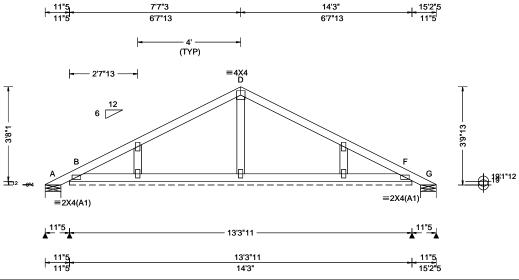
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SEQN: 87781 COMN Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T21 FROM: DrwNo: 276.22.0851.20273 Qty: 16 Schneiders Truss Label: PB04 GA / DF 10/03/2022



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): 0.001 D 999 240
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.001 D 999 180 HORZ(LL): 0.001 E
Des Ld: 40.00 NCBCLL: 10.00	EXP: C Kzt: NA Mean Height: 16.08 ft	Building Code:	HORZ(TL): 0.001 E Creep Factor: 2.0
Soffit: 2.00 Load Duration: 1.25	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: 0.214 Max BC CSI: 0.053
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: 0.055
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s):	VIEW Ver: 21.02.00.1005.17
Lumber		WAVE	VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (Ibs), or *=PLF						
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α	24	/-	/-	/54	/40	/100
B*	69	/-	/-	/49	/22	/-
G	24	/-	/-	/17	/8	/-
Win	d read	ctions b	ased on N	MWFRS		
A Brg Wid = 7.3 Min Reg = 1.5 (Truss)						
B Brg Wid = 159 Min Req = -						
G Brg Wid = 7.3 Min Reg = 1.5 (Truss)						
Bearings A, B, & G are a rigid surface.						
Mer	nbers	not liste	ed have fo	rces les	s than	375#
	5.0					

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

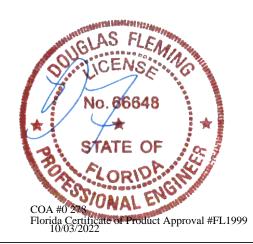
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

Refer to DWG PB160160118 for piggyback details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

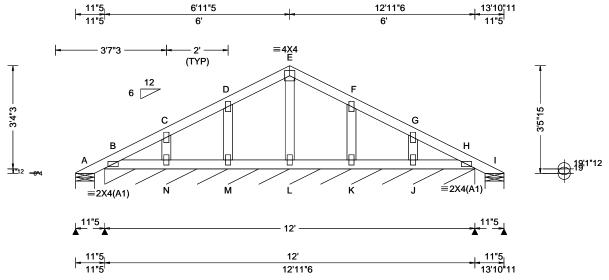
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 87751 GABL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T25 FROM: Qty: 1 DrwNo: 276.22.0851.22270 Schneiders Truss Label: PB05 GA / DF 10/03/2022



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 E 999 240
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 E 999 180
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 H
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	EXP: C Kzt: NA Mean Height: 20.92 ft TCDL: 5.0 psf BCDL: 2.0 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): 0.002 F Creep Factor: 2.0 Max TC CSI: 0.227 Max BC CSI: 0.061 Max Web CSI: 0.110
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
I complete			

▲ M	▲ Maximum Reactions (lbs), or *=PLF						
	G	Gravity		N	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Α	51	/-	/-	/93	/75	/182	
B*	240	/-	/-	/78	/48	/-	
1	37	/-	/-	/24	/11	/-	
N		/-259					
М		/-359					
K		/-265					
J		/-314					
Н		/-152					
Wir	nd read	ctions ba	ased on M	MWFRS			
Α	Brg V	Vid = 7.3	3 Min F	Req = 1.5	5 (Trus	s)	
В	Brg V	Vid = 14	4 Min F	Req = -			
١.	Brg V	Vid = 7.3	3 Min F	Req = 1.8	5 (Trus	s)	

Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. Webs Tens. Comp. C - N 255 - 389 E-L 1 - 393 D - M 371 - 557 K-F 278 - 510

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 10.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

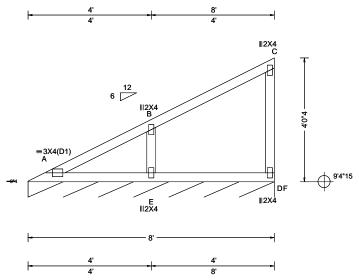
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SEQN: 87786 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T61 FROM: DrwNo: 276.22.0851.24700 Qty: 1 Schneiders Truss Label: V01 GA / DF 10/03/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), o
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): 0.006 A 999 240 VERT(CL): 0.012 A 999 180 HORZ(LL): -0.002 C HORZ(TL): 0.003 A Creep Factor: 2.0 Max TC CSI: 0.268 Max BC CSI: 0.177 Max Web CSI: 0.123 VIEW Ver: 21.02.00.1005.17	Gravity Loc R+ /R- /Rh /I F* 82 /- /- /5 Wind reactions based on MWF F Brg Wid = 96.0 Min Req = Bearing A is a rigid surface. Members not listed have forces Maximum Web Forces Per Pl Webs Tens.Comp. B - E 413 - 283

, or *=PLF Non-Gravity /Rw /U /RL /53 /12 /16 /FRS es less than 375# Ply (lbs)

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 not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



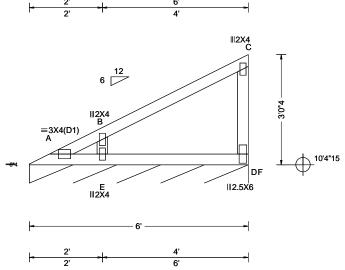
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SEQN: 87790 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T44 FROM: DrwNo: 276.22.0851.26467 Qty: 1 Schneiders Truss Label: V02 GA / DF 10/03/2022



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 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):	PP Deflection in loc L/defl L/# VERT(LL): 0.001 A 999 240 VERT(CL): -0.001 A 999 180 HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.262 Max BC CSI: 0.117 Max Web CSI: 0.129 VIEW Ver: 21.02.00.1005.17
Lumber	Willia Dalation. 1.00	WAVE	VILVV VGI. 21.02.00.1003.17

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ / R-/Rh /Rw /U /RL F* 82 /-/-/16 Wind reactions based on MWFRS Brg Wid = 72.0 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 434 - 254

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 not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

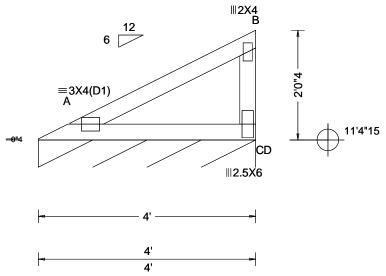
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 87792 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T43 FROM: DrwNo: 276.22.0851.27643 Qty: 1 Schneiders Truss Label: V03 GA / DF 10/03/2022



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/#
1.0220.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 A
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 Wind Duration: 1.60	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.006 A Creep Factor: 2.0 Max TC CSI: 0.233 Max BC CSI: 0.171 Max Web CSI: 0.106

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL D* 82 /-/-/10 /15 Wind reactions based on MWFRS D Brg Wid = 48.0 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

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.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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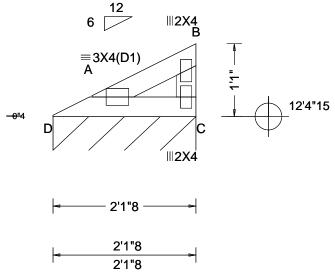
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SEQN: 87796 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 FROM: DrwNo: 276.22.0851.28860 Qty: 1 Schneiders Truss Label: V04 GA / DF 10/03/2022



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 A
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): 0.001 A Creep Factor: 2.0 Max TC CSI: 0.040 Max BC CSI: 0.042 Max Web CSI: 0.030
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL D* 82 /-/-/45 /12 Wind reactions based on MWFRS D Brg Wid = 25.5 Min Req = Bearing D is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

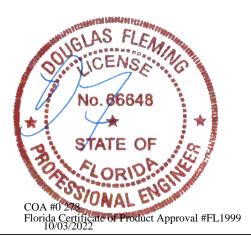
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



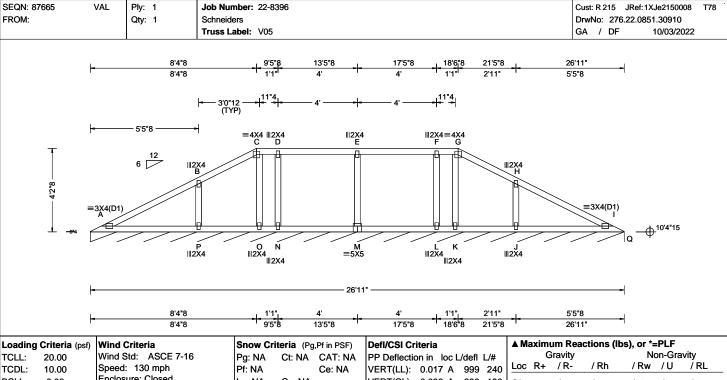
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: 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	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	PP Deflection in loc L/defl L/# VERT(LL): 0.017 A 999 240 VERT(CL): 0.036 A 999 180 HORZ(LL): -0.006 I -HORZ(TL): 0.013 I Creep Factor: 2.0 Max TC CSI: 0.348 Max BC CSI: 0.236 Max Web CSI: 0.088
	Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	FT/RT:20(0)/10(0) Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17

Q* 82 /-/-/13 Wind reactions based on MWFRS Q Brg Wid = 323 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Purlins

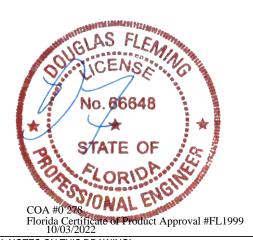
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



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SEQN: 87668 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T77 FROM: DrwNo: 276.22.0851.32433 Qty: 1 Schneiders Truss Label: V06 GA / DF 10/03/2022 8'4"8 14'6"8 22'11" 8'4"8 6'2" 8'4"8 1'0"12 – 2'11**"**4 – (TYP) 3'5"8 **∥2**¥4 ∥2X4 =3X4(D1) ≡3X4(D1) ⊕^{11'4"15} P ∥2X4 O N |||2X4 |||2X4 Ḿ ≡5X5 L K |||2X4 |||2X4 J ∥2X4 22'11" 8'4"8 8'4"8 8'4"8 14'6"8 22'11' ▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL Q* 82 /-/-/42 /13 Wind reactions based on MWFRS

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 A 999 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.007 A 999 180		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 I		
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	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	HORZ(TL): 0.002 I Creep Factor: 2.0 Max TC CSI: 0.212 Max BC CSI: 0.130 Max Web CSI: 0.078		
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.02.00.1005.17		
Lumbor					

Q Brg Wid = 275 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Purlins

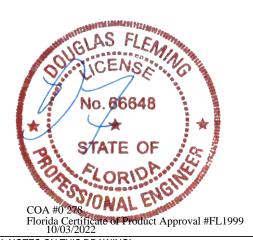
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

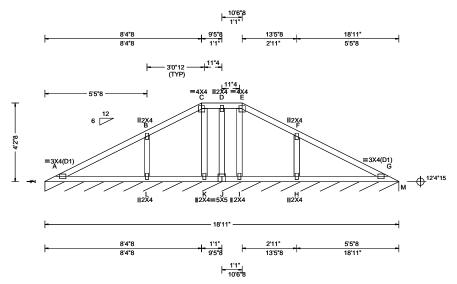
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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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: 87671 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T76 FROM: DrwNo: 276.22.0851.33937 Qty: 1 Schneiders Truss Label: V07 GA / DF 10/03/2022



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): 0.017 A 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.035 A 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.006 G
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.012 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: 0.355
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.228
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.089
-	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
1	·	· · · · · · · · · · · · · · · · · · ·	·

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity / R-Loc R+ /Rh /Rw /U /RL M* 82 /-/-/42 /13 Wind reactions based on MWFRS M Brg Wid = 227 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Purlins

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

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

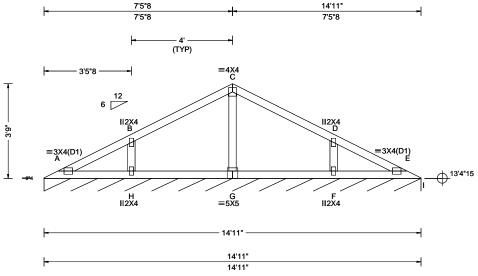
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SEQN: 87674 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T75 FROM: DrwNo: 276.22.0851.35430 Qty: 1 Schneiders Truss Label: V08 GA / DF 10/03/2022



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 Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.44 ft TCDL: 5.0 psf	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res.	Defl/CSI Criteria
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: 0.120 Max Web CSI: 0.093 VIEW Ver: 21.02.00.1005.17	

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL 82 /-/-/42 /12 Wind reactions based on MWFRS Brg Wid = 179 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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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: 87676 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T74 FROM: DrwNo: 276.22.0851.36857 Qty: 1 Schneiders Truss Label: V09 GA / DF 10/03/2022 5'5"8 10'11" 5'5"8 5'5"8 ≡3X4(D1) =3X4(D1) 14'4"15 Ď ∥2X4 10'11" 5'5"8 5'5"8 5'5"8 10'11' ▲ Maximum Reactions (lbs), or *=PLF Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria 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): 0.019 A 999 240 VERT(CL): 0.039 A Enclosure: Closed BCII: 0.00 Lu: NA Cs: NA 999 180 E* 82 /-/-Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): -0.008 C Wind reactions based on MWFRS EXP: C Kzt: NA Brg Wid = 131 Min Req = HORZ(TL): 0.016 C Des Ld: 40.00 Mean Height: 15.94 ft Bearing A is a rigid surface. NCBCLL: 10.00 **Building Code:** Creep Factor: 2.0 TCDL: 5.0 psf Members not listed have forces less than 375# FBC 7th Ed. 2020 Res. Max TC CSI: 0.397 Soffit: 2.00 BCDL: 5.0 psf Maximum Top Chord Forces Per Ply (lbs) TPI Std: 2014 Max BC CSI: 0.340 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Chords Tens.Comp. Chords Tens. Comp. Rep Fac: Yes Max Web CSI: 0.157 Spacing: 24.0 " C&C Dist a: 3.00 ft FT/RT:20(0)/10(0) Loc. from endwall: Any A - B 423 - 298 B-C 423 - 301 Plate Type(s): GCpi: 0.18 VIEW Ver: 21.02.00.1005.17 Wind Duration: 1.60 Maximum Web Forces Per Ply (lbs) WAVE Tens.Comp.

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.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



B - D

526 - 588

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

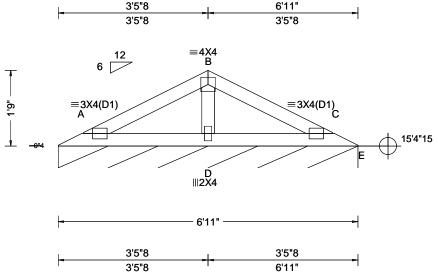
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SEQN: 87678 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T73 FROM: DrwNo: 276.22.0851.38360 Qty: 1 Schneiders Truss Label: V10 GA / DF 10/03/2022



TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.44 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 Speed: 130 mph Enclosure: Closed Lu: NA Cs: NA Snow Duration: NA HORZ(LL): -0.002 C - HORZ(TL): 0.004 C - Creep Factor: 2.0 Max TC CSI: 0.136 Max BC CSI: 0.121 Max Web CSI: 0.093 WENTENDA CE: NA Snow Duration: NA HORZ(LL): -0.002 C - HORZ(TL): 0.004 C - Creep Factor: 2.0 Max TC CSI: 0.136 Max Web CSI: 0.093 WENTENDA CE: NA Snow Duration: NA HORZ(LL): -0.002 C - HORZ(TL): 0.004 C - Creep Factor: 2.0 Max TC CSI: 0.136 Max Web CSI: 0.093 WENTENDA CE: NA Snow Duration: NA HORZ(LL): -0.002 C - HORZ(TL): 0.004 C - Creep Factor: 2.0 Max TC CSI: 0.136 Max Web CSI: 0.093 WENTENDA CE: NA Snow Duration: NA HORZ(LL): -0.002 C - HORZ(TL): 0.004 C - Creep Factor: 2.0 Max TC CSI: 0.136 Max Web CSI: 0.093 WENT(LL): 0.005 C 999 VERT(LL): 0.005	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
WELL 19 15 4 00	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: 16.44 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): 0.005 C 999 240 VERT(CL): 0.009 C 999 180 HORZ(LL): -0.002 C HORZ(TL): 0.004 C Creep Factor: 2.0 Max TC CSI: 0.136 Max BC CSI: 0.121
WAVE VEL 21.02.00.1003.17		Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL E* 82 /-/-/5 Wind reactions based on MWFRS Brg Wid = 83.0 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

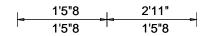
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

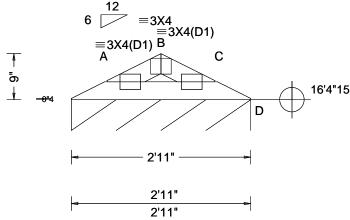
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SEQN: 87680 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T72 FROM: DrwNo: 276.22.0851.40810 Qty: 1 Schneiders Truss Label: V11 GA / DF 10/03/2022





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	Wind Criteria Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.94 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): 0.002 A 999 240 VERT(CL): 0.003 A 999 180 HORZ(LL): -0.001 A HORZ(TL): 0.001 A Creep Factor: 2.0 Max TC CSI: 0.035 Max BC CSI: 0.057 Max Web CSI: 0.000
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL D* 81 /-/-/3 Wind reactions based on MWFRS D Brg Wid = 35.0 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

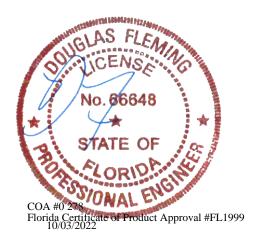
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

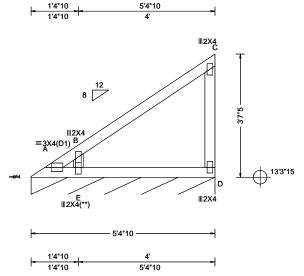
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SEQN: 87771 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T27 FROM: DrwNo: 276.22.0851.42077 Qty: 1 Schneiders Truss Label: V12 GA / DF 10/03/2022



Loading Criteria (psf) Wir	ind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 Wir TCDL: 10.00 Spe BCLL: 0.00 End BCDL: 10.00 Kisl Des Ld: 40.00 Mee NCBCLL: 10.00 TCI	ind Std: ASCE 7-16 seed: 130 mph sclosure: Closed sk Category: II (P: C Kzt: NA ean Height: 15.29 ft CDL: 5.0 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.	PP Deflection in loc L/defl L/# VERT(LL): 0.000 A 999 240 VERT(CL): -0.001 A 999 180 HORZ(LL): -0.001 C HORZ(TL): 0.002 C Creep Factor: 2.0 Max TC CSI: 0.253	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Load Duration: 1.25 MW C& Loc	WFRS Parallel Dist: 0 to h/2 &C Dist a: 3.00 ft c. from endwall: Any GCpi: 0.18	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max BC CSI: 0.117 Max Web CSI: 0.131 VIEW Ver: 21.02.00.1005.17	Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 439 - 275

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.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

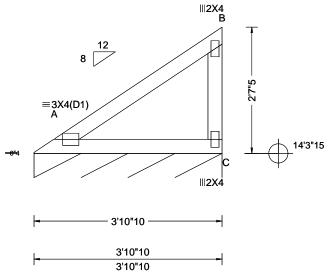
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 87773 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T59 FROM: DrwNo: 276.22.0851.43213 Qty: 1 Schneiders Truss Label: V13 GA / DF 10/03/2022



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): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 A
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 A
NCBCLL: 10.00	Mean Height: 15.79 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: 0.187
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.171
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.089
' '	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
I	•		

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL C* 84 /-/-/21 Wind reactions based on MWFRS C Brg Wid = 46.6 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

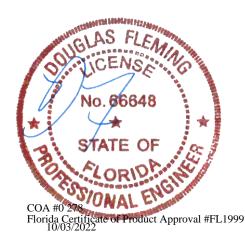
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

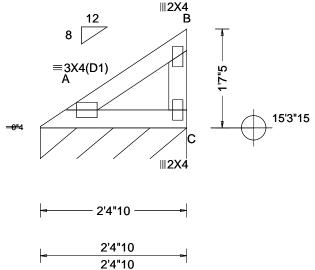
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

SEQN: 87775 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T60 FROM: DrwNo: 276.22.0851.45203 Qty: 1 Schneiders Truss Label: V14 GA / DF 10/03/2022



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 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.29 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):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 A HORZ(TL): 0.001 A Creep Factor: 2.0 Max TC CSI: 0.065 Max BC CSI: 0.054 Max Web CSI: 0.042
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.02.00.1005.17
Lumbar			

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL C* 83 /-/-/19 Wind reactions based on MWFRS C Brg Wid = 28.6 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

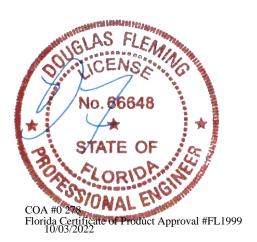
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

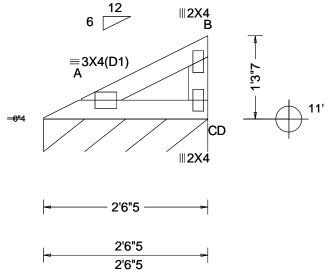
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SEQN: 87777 VAL Ply: 1 Job Number: 22-8396 Cust: R 215 JRef: 1XJe2150008 T52 FROM: DrwNo: 276.22.0851.48723 Qty: 1 Schneiders Truss Label: V15 GA / DF 10/03/2022



Wind Std: ASCE 7-16	Pa: NA Ct: NA CAT: NA	1
	PG. NA CI. NA CAT. NA	PP Deflection in loc L/defl L/#
	Pf: NA Ce: NA	VERT(LL): NA
	Lu: NA Cs: NA	VERT(CL): NA
0 ,	Snow Duration: NA	HORZ(LL): 0.001 A
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	FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.001 A - Creep Factor: 2.0 Max TC CSI: 0.067 Max BC CSI: 0.061 Max Web CSI: 0.042 VIEW Ver: 21.02.00.1005.17
EFENTEL	Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft FCDL: 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	Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft ICDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes F7/RT:20(0)/10(0) Plate Type(s):

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL D* 82 /-/-/47 /13 Wind reactions based on MWFRS D Brg Wid = 30.3 Min Req = Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

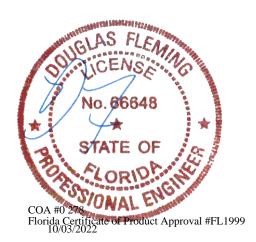
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



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

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.

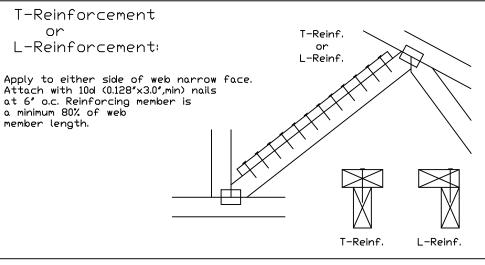
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

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 Reinforecement	
Size	Restraint	T- or L- Reinf. Scab Rein	
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(米)
5×8	1 row	2×6	1-2×8
5×8	2 rows		2-2×6(*/)

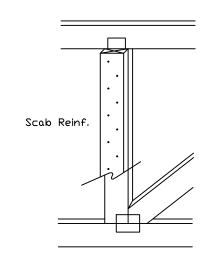
T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

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



Scab Reinforcement:

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 FLENNING

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAVING
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Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Reference are in fabricating, handling, shipping, installing and bracing. Reference are processed by the state of the state

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ALPINE: www.alpineitw.com; TPI: www.tpinstorg; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

STATE OF
CORIDA ENGINE
10/02/02/40 278

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

SPACING

REF CLR Subst.

DATE 01/02/19

DRWG BRCLBSUB0119



NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

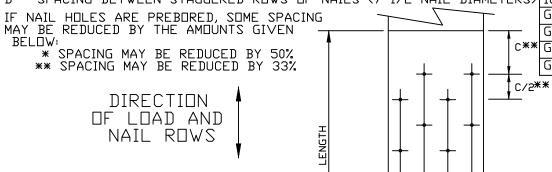
BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

- A EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- B SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- C END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

- A EDGE DISTANCE (6 NAIL DIAMETERS)
- C SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)
- D SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)



DF LOAD AND NAIL ROWS

C**

TΑ

TRUSS MEMBER

LOAD APPLIED PERPENDICULAR TO GRAIN

BLOCK LENGTH

155 Harlem Ave North Building, 4th Floor

Glenview, IL 60025

LOAD APPLIED PARALLEL

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MINIMUM NAIL SPACING DISTANCES

		DIS	TANCES		
	NAIL TYPE	Α	B*	C**	D
	8d BDX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8″
•	10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"	1"
	12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
	16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
	20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
	8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
	10d C□MM□N (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
	12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
)	16d CDMMDN (0.162"X 3.5",MIN)	1'	2"	2 1/2"	1 1/4"
	GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"
	GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
*	GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"	1"
	GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	2"	1"

UGLAS FLEN

STATE OF

REF NAIL SPACE
DATE 10/01/14

DRWG CNNAILSP1014

Gable Stud Reinforcement Detail

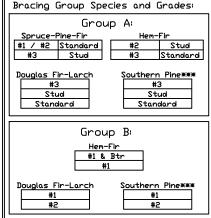
ASCE 7-16: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Or: 100 mph wind speed, 30' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

	2x4 Brace Gable Vertical			(1) 1x4 "L" Brace *		(1) 2×4 *L	(1) 2x4 "L" Brace * (2) 2x4 "L" Brace **			(1) 2x6 "L" Brace *		(2) 2x6 "L" Brace **		
ng th	Gable Spacing	Vertico Species	Grade	No Braces	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
	0 'C'	SPF HF	#1 / #2	4′ 1″	6′ 11″	7′ 2″	8′ 2 ″	8′ 6 ″	9′ 9″	10′ 2″	12′ 10″	13′ 4″	14′ 0″	14′ 0″
			#3	3′ 10″	6′ 2 ″	6′ 7″	8′ 1″	8′ 5″	9′ 8″	10′ 0″	12′ 8 ″	13′ 2″	14′ 0″	14′ 0″
			Stud	3′ 10″	6′ 2″	6′ 6″	8′ 1″	8′ 5 ″	9′ 8″	10′ 0″	12′ 8″	13′ 2″	14′ 0″	14′ 0″
>			Standard	3′ 10″	5′ 3 ″	5′ 7 ″	7′ 0″	7′ 6″	9′ 6″	10′ 0″	11′ 0″	11′ 10″	14′ 0″	14′ 0″
به			#1	4′ 2″	7′ 0″	7′ 3″	8′ 3″	8′ 7″	9′ 10″	10′ 3″	13′ 0″	13′ 6″	14′ 0″	14′ 0″
	24	SP DFL	#2	4′ 1″	6′ 11″	7′ 2″	8′ 2 ″	8′ 6″	9′ 9″	10′ 2″	12′ 10″	13′ 4″	14′ 0″	14′ 0″
			#3	4′ 0″	5′ 7″	5′ 11″	7′ 5 ″	7′ 11″	9′ 8″	10′ 1″	11′ 7″	12′ 5″	14′ 0″	14′ 0″
d			Stud	4′ 0″	5′ 7 ″	5′ 11″	7′ 5 ″	7′ 11″	9′ 8″	10′ 1″	11′ 7″	12′ 5″	14′ 0″	14′ 0″
$1 \mathrm{H}$			Standard	3′ 9″	4′ 11″	5′ 13 ″	6′ 6″	7′ 0″	8′ 10 ″	9′ 6″	10′ 3″	11′ 0″	13′ 11″	14′ 0″
 	16″ o.c.	SP	#1 / #2	4′ 8″	7′ 11″	8′ 3″	9′ 4″	9′ 9″	11′ 2″	11′ 7″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			#3	4′ 5 ″	7′ 6″	8′ 3″	9′ 3″	9′ 7″	11′ 0″	11′ 6″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			Stud	4′ 5″	7′ 6″	8′ 0″	9′ 3″	9′ 7″	11′ 0″	11′ 6″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
1 0			Standard	4′ 5″	6′ 5 ″	6′ 10″	8′ 7 ″	9′ 2″	11′ 0″	11′ 6″	13′ 6″	14′ 0″	14′ 0″	14′ 0″
1~			#1	4′ 10″	8′ 0″	8′ 4″	9′ 6″	9′ 10″	11′ 3″	11′ 9″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
>			#2	4′ 8″	7′ 11″	8′ 3″	9′ 4″	9′ 9″	11′ 2″	11′ 7″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			#3	4′ 7″	6′ 10″	7′ 3″	9′ 1″	9′ 8″	11′ 1″	11′ 6″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
Ι ω			Stud	4′ 7″	6′ 10 ″	7′ 3″	9′ 1″	9′ 8″	11′ 1″	11′ 6″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
1 =			Standard	4′ 5″	6′ 0″	6′ 5 ″	8′ 0 ″	8′ 7 ″	10′ 10″	11′ 6″	12′ 7 ″	13′ 15″	14′ 0″	14′ 0″
2		SPF	#1 / #2	5′ 2 ″	8′ 9″	9′ 1″	10′ 4″	10′ 9″	11′ 2″	12′ 9″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			#3	4′ 10″	8′ 7″	8′ 11″	10′ 2″	10′ 7″	12′ 2″	12′ 8 ″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
ق	12″ o.c	HF	Stud	4′ 10″	8′ 7″	8′ 11″	10′ 2″	10′ 7″	12′ 2″	12′ 8″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
Max		1 11	Standard	4′ 10″	7′ 5″	7′ 11″	9′ 11″	10′ 7″	12′ 2″	12′ 8″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			#1	5′ 4 ″	8′ 10 ″	9′ 2″	10′ 5 ″	10′ 10″	12′ 5″	12′ 11″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
		SP	#2	5′ 2″	8′ 9″	9′ 1″	10′ 4″	10′ 9″	12′ 3″	12′ 9″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
		L.	#3	5′ 0 ″	7′ 10″	8′ 4″	10′ 3″	10′ 8″	12′ 2″	12′ 8″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
		DFL	Stud	5′ 0 ″	7′ 10″	8′ 4″	10′ 3″	10′ 8″	12′ 2″	12′ 8″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			Standard	4′ 10″	6′ 11″	7′ 4″	9′ 3″	9′ 10″	12′ 2″	12′ 8 ″	14′ 0″	14′ 0″	14′ 0″	14′ 0″



1x4 Braces shall be SRB (Stress-Rated Board) **For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards, Group B values may be used with these grades.

Gable Truss Detail Notes: Wind Load deflection criterion is L/240.

Provide uplift connections for 100 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach "L" braces with 10d (0.128"x3.0" min) nails. ★ For (1) "L" brace: space nalls at 2" o.c. in 18" end zones and 4" o.c. between zones. ₩ **For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

"L" bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes								
Vertical Length	No Splice							
Less than 4' 0"	2X4							
Greater than 4' 0", but less than 11' 6"	3X4							
Greater than 11' 6"	4X4							
+ Refer to common truss design for peak, splice, and heel plates.								

Refer to the Building Designer for conditions not addressed by this detail.

Symm C Gable Truss Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 525# at each end. Max web "L" Brace End total length is 14'. Zones, typ. 2x6 DF-L #2 or better diagonal brace; single Vertical length shown or double cut in table above. (as shown) at upper end. Connect diagonal at Refer to chart bo√€ for **∥e**ntical lena midpoint of vertical web.

VARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING ****IMPORTANT*** FURNISH THIS DRAWING 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.alpineltw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

ASCE7-16-GAB14030 DATE 01/26/2018 DRWG A14030ENC160118

MAX, TOT, LD, 60 PSF

MAX. SPACING 24.0"

155 Harlem Ave North Building, 4th Floor

Glenview, IL 60025

Gable Detail For Let-in Verticals Gable Truss Plate Sizes Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs. (+) Refer to Engineered truss design for peak, splice, web, and heel plates. *If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web. Gable Vertical Length \ typ. Example:

Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:

10d Common (0.148"x 3.", min) Nails at 4" o.c. plus

(4) nails in the top and bottom chords.

10d Common (0.148"x3".min) Toenails at 4" o.c. plus

(4) toenails in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

ASCE 7-05 Gable Detail Drawings

A13015051014, A12015051014, A11015051014, A10015051014, A14015051014, A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

ASCE 7-10 & ASCE 7-16 Gable Detail Drawings

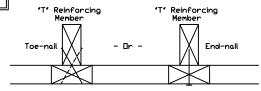
A11515ENC100118, A12015ENC100118, A14015ENC100118, A16015ENC100118, A18015ENC100118, A20015ENC100118, A20015END100118, A20015PED100118, A11530ENC100118, A12030ENC100118, A14030ENC100118, A16030ENC100118,

A18030ENC100118, A20030ENC100118, A20030END100118, A20030PED100118, S11515ENC100118, S12015ENC100118, S14015ENC100118

\$18015ENC100118, \$20015ENC100118, \$20015END100118, \$20015PE 100118, \$11530ENC100118, \$12030ENC100118, \$14030ENC.00118, \$14030ENC.0018, \$1 S18030ENC100118, S20030ENC100118, S20030 NITCOLE S20030PED100118

See appropriate Alpine gable detail for maxium preinforced gable vertical length.

"T" Reinforcement Attachment Detail



To convert from "L" to "T" reinforcing members, multiply "T" increase by length (based on appropriate Alpine gable detail).

Maximum allowable "T" reinforced aable vertical length is 14' from top to bottom chord.

"T" reinforcing member material must match size, specie, and grade of the "L" reinforcing member.

Web Length Increase w/ "T" Brace

"T" Reinf.	"T"
Mbr. Size	Increase
2×4	30 %
2x6	20 %

Example:

ASCE 7-10 Wind Speed = 120 mph Mean Roof Height = 30 ft, Kzt = 1.00 Gable Vertical = 24°o.c. SP #3 "T" Reinforcing Member Size = 2x4

"T" Brace Increase (From Above) = 30% = 1.30 (1) 2x4 "L" Brace Length = 8' 7"

Maximum "T" Reinforced Gable Vertical Length $1.30 \times 8' \ 7'' = 11' \ 2''$

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

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Refer to drawings 160A-Z for standard plate positions.

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IREF LET-IN VERT DATE 01/02/2018 DRWG GBLLETIN0118

MAX. TOT. LD. 60 PSF DUR. FAC. ANY MAX. SPACING 24.0"



Rigid Sheathing

Ceiling

4 Nails

Nails

Spaced At

4 Nails

Reinforcing

Member

Gable

Truss

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

engineering responsibility solely for the design shown. The suitability and use of this for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

Gable Stud Reinforcement Detail

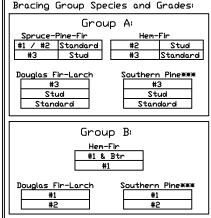
ASCE 7-16: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1,00

and the first wind operation in the state of								<u></u>						
2x4 Brace Gable Vertical			No	(1) 1×4 "L	" Brace *	(1) 2×4 "L	" Brace *	(2) 2×4 L	Brace **	(1) 2×6 L	" Brace *	(2) 2x6 L	Brace **	
_	Spacing	Species	Grade	Braces	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
th		CDE	#1 / #2	4′ 3″	7′ 3″	7' 7"	8′ 7 ″	8′ 11″	10′ 3″	10′ 8 ″	13′ 6″	14' 0"	14' 0"	14′ 0″
<u> </u>	Ü.	SPF HF	#3	4′ 1″	6′ 7 ″	7′ 1″	8′ 6 ″	8′ 10 ″	10′ 1″	10′ 6 ″	13′ 4″	13′ 10″	14′ 0″	14′ 0″
21			Stud	4′ 1″	6′ 7 ″	7′ 0 ″	8′ 6 ″	8′ 10 ″	10′ 1″	10′ 6″	13′ 4″	13′ 10″	14′ 0″	14′ 0 ″
>			Standard	4′ 1″	5′ 8 ″	6′ 0 ″	7′ 7″	8′ 1 ″	10′ 1″	10′ 6″	11′ 10″	12′ 8″	14′ 0″	14′ 0″
o			#1	4′ 6″	7′ 4″	7′ 8″	8′ 8 ″	9′ 0″	10′ 4″	10′ 9″	13′ 8″	14′ 0″	14′ 0″	14′ 0″
	*	SP	#2	4′ 3″	7′ 3″	7' 7"	8′ 7 ″	8′ 11″	10′ 3″	10′ 8″	13′ 6″	14′ 0″	14' 0"	14′ 0″
	4	l	#3	4′ 2″	6′ 0″	6′ 4″	7′ 11″	8′ 6″	10′ 2″	10′ 7″	12′ 5 ″	13′ 4″	14′ 0″	14′ 0″
ام	N	DFL	Stud	4′ 2″	6′ 0″	6′ 4″	7′ 11″	8′ 6″	10′ 2″	10′ 7″	12′ 5 ″	13′ 4″	14′ 0″	14′ 0″
			Standard	4′ 0″	5′ 3 ″	5′ 7 ″	7′ 0 ″	7′ 6″	9′ 6″	10′ 2″	11′ 0″	11′ 10″	14' 0"	14′ 0″
1.91	16″ o.c.	SPF HF	#1 / #2	4′ 11″	8′ 4″	8′ 8 ″	9′ 10″	10′ 3″	11′ 8″	12′ 2″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
+			#3	4′ 8″	8′ 1 ″	8′ 8 ″	9′ 8″	10′ 1″	11′ 7″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
(Stud	4′ 8″	8′ 1″	8′ 6 ″	9′ 8″	10′ 1″	11′ 7″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
ΙāΙ			Standard	4′ 8 ″	6′ 11″	7′ 5 ″	9′ 3″	9′ 11″	11′ 7″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
🐣			#1	5′ 1 ″	8′ 5 ″	8′ 9 ″	9′ 11″	10′ 4″	11′ 10″	12′ 4″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
/		SP	#2	4′ 11″	8′ 4″	8′ 8″	9′ 10 ″	10′ 3″	11′ 8″	12′ 2 ″	14′ 0″	14′ 0″	14' 0"	14′ 0″
		L	#3	4′ 9″	7′ 4″	7′ 9″	9′ 9″	10′ 2″	11′ 8″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
0		DFL	Stud	4′ 9″	7′ 4″	7′ 9 ″	9′ 9″	10′ 2″	11′ 8″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
_			Standard	4′ 8″	6′ 5″	6′ 10 ″	8′ 7 ″	9′ 2 ′	11′ 7″	12′ 1″	13′ 6″	14′ 0″	14′ 0″	14′ 0″
		SPF	#1 / #2	5′ 5″	9′ 2″	9′ 6″	10′ 10″	11′ 3″	11′ 8″	13′ 5″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
<u> </u>			#3	5′ 1″	9′ 0″	9′ 4″	10′ 8″	11′ 1″	12′ 9″	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
0	Ų	HF	Stud	5′ 1 ′	9′ 0″	9′ 4″	10′ 8″	11′ 1″	12′ 9″	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
X	Ō	1 11	Standard	5′ 1 ″	8′ 0″	8′ 6 ″	10′ 8″	11′ 1″	12′ 9″	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
) 		#1	5′ 8″	9′ 3″	9′ 8″	10′ 11″	11′ 4″	13′ 0″	13′ 6″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
		SP	#2	5′ 5″	9′ 2″	9′ 6″	10′ 10″	11′ 3″	12′ 11″	13′ 5″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
ĮΣ	ù	المحا	#3	5′ 3″	8′ 5″	9′ 0″	10′ 9″	11′ 2″	12′ 10″	13′ 4″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
	1,	DFL	Stud	5′ 3 ″	8′ 5 ″	9′ 0″	10′ 9″	11′ 2″	12′ 10″	13′ 4″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			Standard	5′ 1 ″	7′ 5″	7′ 11″	9′ 11″	10′ 7″	12′ 9″	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″



1x4 Braces shall be SRB (Stress-Rated Board) **For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards, Group B values may be used with these grades.

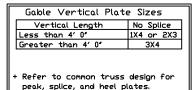
Gable Truss Detail Notes: Wind Load deflection criterion is L/240.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0' outlookers with 2'0" overhang, or 12" plywood overhang.

Attach "L" braces with 10d (0.128"x3.0" min) nails. * For (1) "L" brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones. ₩ ¥For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

"L" bracing must be a minimum of 80% of web member length.



Refer to the Building Designer for conditions not addressed by this detail.

Gable Truss Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 450# at each end. Max web "L" Brace End total length is 14'. Zones, typ. 2x4 DF-L #2 or better diagonal brace; single Vertical length shown or double cut in table above. (as shown) at upper end. Connect diagonal at Refer to chart boy for *№*entica& lena midpoint of vertical web.

VARNINGI READ AND FOLLOW ALL NOTES ON THIS DRAWINGI
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ASCE7-16-GAB14015 |DATE 01/26/2018 DRWG A14015ENC160118

MAX, TOT, LD, 60 PSF

MAX. SPACING 24.0"

Piggyback Detail - ASCE 7-16: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

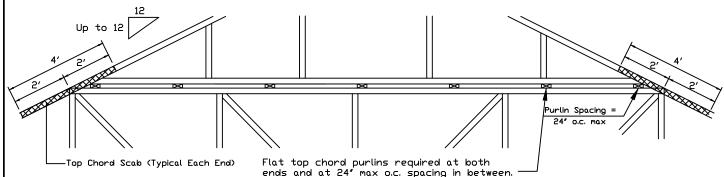
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-16, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0. Dr 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-16, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building Engineer of Record shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24' o.c. detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

** Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Detail A: Purlin Spacing = 24" o.c. or less



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4" o.c.

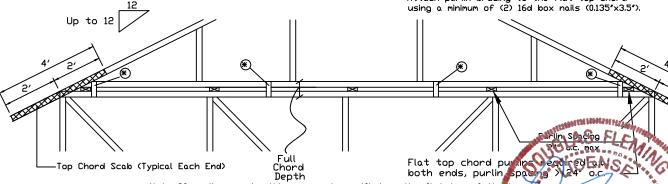
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulox plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

Detail B: Purlin Spacing > 24" o.c.

Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4" o.c.

Attach purlin bracing to the flat top chord



Note: If purlins or sheathing are not specified on the flat top of the base truss, purlins must be installed at 24" o.c. max. and use Detail A

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

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* In addition, provide connection with one of the following methods:

Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

APA Rated Gusset

8'x8'x7'16' (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.13'x2') nalls per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

2x4 Vertical Scabs

2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered o.c. front to back faces.

28PB Wave Piggyback Plate

Dine 28PB wave piggyback plate to each face 8 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120'x1.375' nails per face per ply.
Piggyback plates may be staggered 4' o.c. front to back faces.

IREF **PIGGYBACK** DATE 01/02/2018 DRWG PB160160118

SPACING 24.0"

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

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

** Attach each valley to every supporting truss with: 535# connection or with (1) Simpson H2.5A or equivalent connector for

ASCE 7-16 180 mph. 30' Mean Height, Part. Enc. Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00 Πr

ASCE 7-16 160 mph. 30' Mean Height, Part. Enc. Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

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

All plates shown are Alpine Wave Plates.

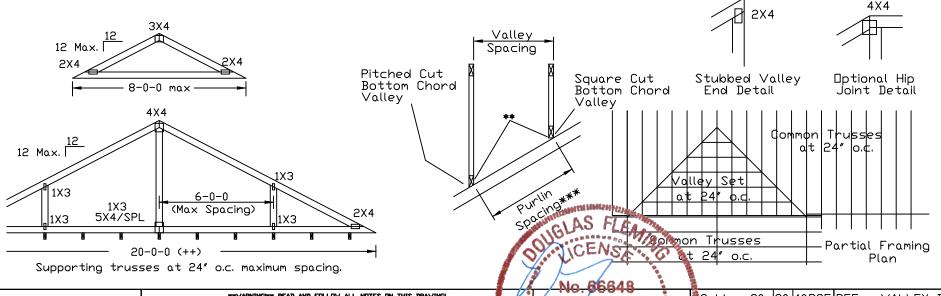
Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7-9" apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.128" x 3.0") nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied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

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

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

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

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





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

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C LL |30 |40PSF |REF VALLEY DETAIL 30 7PSF DATE C DL 20 15 01/26/2018 BC DL 10 10 10 PSF | DRWG VAL180160118 Ω 0 PSF BC II Ω TDT. LD. 60 |55|57PSF

DUR.FAC.1.25/1.33 1.15 1.15

24.0" SPACING

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

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

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

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

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

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

All plates shown are Alpine Wave Plates.

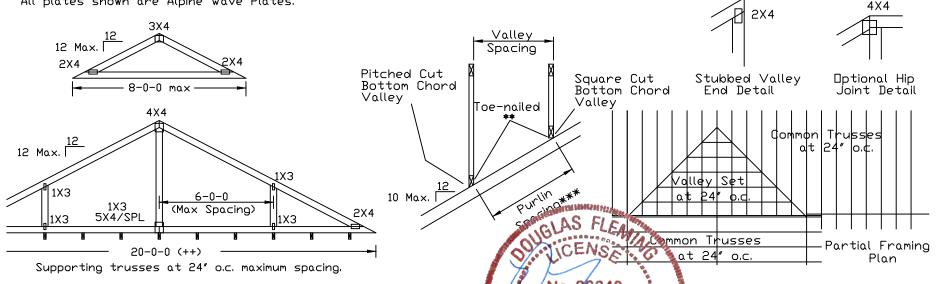
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Top chord of truss beneath valley set must be braced with: properly attached, rated sheathing applied prior to valley truss installation.

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

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

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





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Refer to drawings 160A-Z for standard plate positions.

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1000 AV-40 278	
CONTIO 210	

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	TC	LL	30	30	40PSF	REF	VALLEY	DETAIL
	TC	DL	20	15	7PSF	DATE	01/26/20	018
	ВС	DL	10	10	10 PSF	DRWG	VALTN16	0118
	BC	LL	0	0	0 PSF			
	וםד	Γ. LD.	60	55	57PSF			
	DUR.FAC.1.25/1.33			1.15	1.15			
SPACING			24.	0"				