

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



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COA #0 278

Florida Certificate of Product Approval #FL 1999

10/24/2024

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1376B
Job Description: Hunter	
Address: Lot 18 Oak Ridge Estates sw Ridge St, Lake City, FL	

Job Engineering Criteria:				
Design Code: FBC 8th Ed. 2023 Res. HVHZ	IntelliVIEW Version: 23.02.04			
	JRef #: 1Y4d2150001			
Wind Standard: ASCE 7-22 Wind Speed (mph): 130	Design Loading (psf): 40.00			
Building Type: Closed				

This package contains general notes pages, 57 truss drawing(s) and 3 detail(s).

Item	Drawing Number	Truss
1	298.24.1045.44224	A01
3	298.24.1045.44617	A03
5	298.24.1045.44177	B02
7	298.24.1045.44257	B04
9	298.24.1045.43549	C01
11	298.24.1045.43959	C03
13	298.24.1045.45466	C05
15	298.24.1045.44509	D02
17	298.24.1045.44507	D04
19	298.24.1045.45574	G02
21	298.24.1045.45307	G04
23	298.24.1045.44962	G06
25	298.24.1045.45322	G08
27	298.24.1045.45056	G10
29	298.24.1045.45356	G12
31	298.24.1045.45589	G14
33	298.24.1045.45308	G16
35	298.24.1045.44821	G18
37	298.24.1045.42968	HJ03
39	298.24.1045.43455	J01
41	298.24.1045.44100	J03
43	298.24.1045.43219	J05
45	298.24.1045.43329	J07
47	298.24.1045.42890	J09

Item	Drawing Number	Truss
2	298.24.1045.43581	A02
4	298.24.1045.44428	B01
6	298.24.1045.44163	B03
8	298.24.1045.44601	B05
10	298.24.1045.43519	C02
12	298.24.1045.44225	C04
14	298.24.1045.44444	D01
16	298.24.1045.43534	D03
18	298.24.1045.44790	G01
20	298.24.1045.45684	G03
22	298.24.1045.45072	G05
24	298.24.1045.45087	G07
26	298.24.1045.45575	G09
28	298.24.1045.45197	G11
30	298.24.1045.45103	G13
32	298.24.1045.44868	G15
34	298.24.1045.45542	G17
36	298.24.1045.44806	G19
38	298.24.1045.42748	HJ04
40	298.24.1045.42936	J02
42	298.24.1045.42763	J04
44	298.24.1045.42998	J06
46	298.24.1045.42575	J08
48	298.24.1045.42779	J10



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Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1376B
Job Description: Hunter	
Address: Lot 18 Oak Ridge Estates sw Ridge St, Lake City, FL	

Item	Drawing Number	Truss
49	298.24.1045.43014	J11
51	298.24.1045.44351	J13
53	298.24.1045.44742	PB01
55	298.24.1152.55790	PB03
57	298.24.1045.45449	PB05
59	CNNAILSP1014	

Item	Drawing Number	Truss
50	298.24.1045.44727	J12
52	298.24.1045.43958	J14
54	298.24.1045.45214	PB02
56	298.24.1045.44978	PB04
58	BRCLBSUB0119	
60	PB160220723	

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.

Bearing Information:

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

General Notes (continued)

Coated Lumber:

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

Fire Retardant Treated Lumber:

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

Key to Terms:

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

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

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

C = Coated lumber.

C-AT = AtTEK coated lumber.

C-FX = FX Lumber Guard coated lumber.

C -TE = TechWood 4400 coated lumber.

CL = Certified lumber.

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

FRT = Fire Retardant Treated lumber.

FRT-BF = Boraflame Fire Retardant Treated lumber

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

FRT-ON = OnWood Fire Retardant Treated lumber.

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

FRT-PR = ProWood Fire Retardant Treated lumber.

g = green lumber.

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

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

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

Ic = Incised lumber.

FJ = Finger Jointed lumber.

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

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

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

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

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

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

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

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

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

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

PP = Panel Point.

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

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

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

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

General Notes (continued)

Key to Terms (continued):

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

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

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

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

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

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

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

VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.

W = Width of non-hanger bearing, in inches.

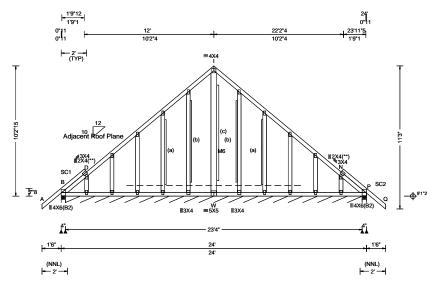
Refer to ASCE-7 for Wind and Seismic abbreviations.

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

References:

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

SEQN: 782342 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T42 FROM: CDM DrwNo: 298.24.1045.44224 Qty: 1 Page 1 of 2 Truss Label: A01 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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 I 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 J 999 180
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.007 L
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.008 L
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.180
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.053
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.861
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumban		Cable Dainfareament	

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 256 /210 /363 76 /-/46 B' /19 /-256 /157 /47 Wind reactions based on MWFRS Brg Wid = 4.0 Min Req = 1.5 (Truss) Brg Wid = 280 Min Req = Brg Wid = 4.0Min Req = 1.5 (Truss) Bearings B, B, & P are 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; M6 2x6 SP #2; Stack Chord: SC1 2x4 SP #2;

Stack Chord: SC2 2x4 SP #2;

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

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. Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/413.

Gable Reinforcement

(a) 1x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(b) 1x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(c) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec. 2.



SEQN: 782342 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T42 FROM: CDM DrwNo: 298.24.1045.44224 Qty: 1 Page 2 of 2 Truss Label: A01 KD / WHK 10/24/2024

Additional Notes

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

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

The overall height of this truss excluding overhang is 10-2-15.



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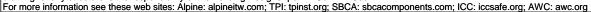
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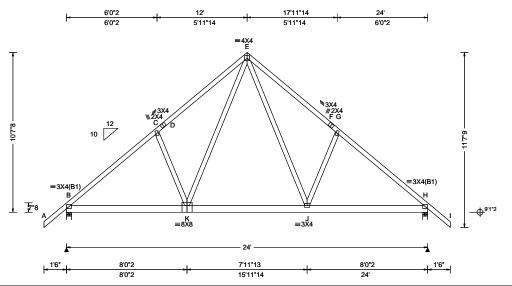
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org





SEQN: 782118 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 FROM: CDM DrwNo: 298.24.1045.43581 Qty: 9 Hunter Truss Label: A02 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ī
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 7-22 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: not in 4.50 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code:	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.041 J 999 240 VERT(CL): 0.079 J 999 180 HORZ(LL): 0.018 C HORZ(TL): 0.035 C Creep Factor: 2.0 Max TC CSI: 0.419 Max BC CSI: 0.370 Max Web CSI: 0.210	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	

L	u	m	ıb	е	r

Top chord: 2x4 SP #2; Bot chord: 2x6 SP #2; Webs: 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 loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

▲ Maximum Reactions (lbs)							
	(avity		N	lon-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	1193	/-	/-	/564	/-	/-	
Н	1193	/-	/-	/564	/-	/-	
Win	d rea	ctions b	ased or	MWFRS			
В	Brg \	Nid = 4	.0 Mir	n Req = 1.	5 (Trus	ss)	
Н	Brg \	Nid = 4	.0 Mir	n Reg = 1.	5 (Trus	ss)	
Bea	rings	В&На	re a rig	id surface		•	
Mer	nbers	not liste	ed have	forces les	s than	375#	
Max	cimur	n Top C	hord F	orces Pe	Ply (II	os)	
Cho	ords .	Tens.Co	mp.	Chords	Tens	. Comp.	
В-	С	0 -	1378	E-F	c	- 1212	
lc-	D	0 -	1232	F-G	Ċ	- 1233	
D-	E	0 -	1212	G - H	C	- 1379	

Maximum Bot Chord Forces Per Ply (lbs)						
Chords	Tens.Co	mp.	Chords	Tens. C	omp.	
B - K	964	0	J - H	965	0	
K - J	652	0				

Maximum Web Forces Per Ply (lbs)									
Webs	Tens.Comp.		Webs Tens. Co		mp.				
K - E	549	0	E-J	551	0				



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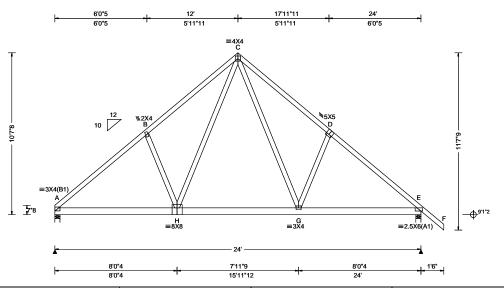
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 782125 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 FROM: CDM Qty: 3 DrwNo: 298.24.1045.44617 Hunter Truss Label: A03 KD / WHK 10/24/2024



TCLL: 20.00

▲ Maximum Reactions (lbs)							
	G	ravity		No	n-Grav	/ity	
Loc	R+	/ R-	/Rh	/ Rw	/U	/ RL	
Α	1124	/-	/-	/611	/145	/346	
Е	1239	/-	/-	/709	/171	/-	
Win	d reac	tions bas	ed on	MWFRS			
Α	Brg W	/id = 4.0	Min	Req = 1.5	(Truss	s)	
Е	Brg W	/id = 4.0	Min	Req = 1.5	(Truss	s)	
Bea	rings /	& E are	a rigio	l surface.	•	•	
Men	nbers	not listed	have f	orces less	than 3	375#	
Maximum Top Chord Forces Per Ply (lbs)							
Cho	rds T	ens.Com	ıp.	Chords	Tens.	Ćomp.	
A - E	3	245 - 14	45	C-D	365	- 1287	
B - 0	-	373 - 12	-	Ď-Ē	240	- 1437	

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP #2; Webs: 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 loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)

Cilolus	rens.comp.		Cilolus	i ciis. C	onip.	
			G-E	1006	- 34	
H - C	683	-64				

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
H-C	594 - 169	C-G	573 - 155



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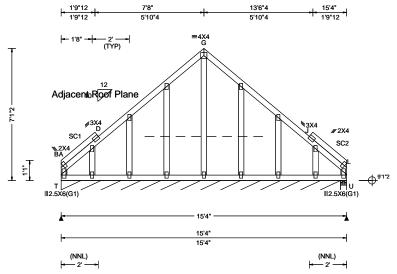
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 782088 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T39 FROM: CDM Qty: 1 DrwNo: 298.24.1045.44428 Truss Label: B01 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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 D 999 240
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 D 999 180
	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 J
Dec 1 4: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.004 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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.078
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.030
1	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.716
'	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

▲ M	axim	um Rea	ctions (II	bs), or *=	:PLF	
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
T*	82	/-	/-	/50	/16	/12
U	96	/-	/-	/120	/39	/-
Win	d read	ctions b	ased on N	/WFRS		
Т	Brg V	Vid = 17	79 Min F	Req = -		
U Brg Wid = 4.0 Min Reg = 1.5 (Truss)						
Bearings T & U are 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;

Stack Chord: SC1 2x4 SP #2; Stack Chord: SC2 2x4 SP #2;

Lt Stub Wedge: 2x4 SP #3;Rt Stub Wedge: 2x4 SP #3;

Plating Notes

All plates are 2X4 except as noted.

Wind

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

Wind loading based on both gable and hip roof types. Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/743.

Additional Notes

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

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

The overall height of this truss excluding overhang is 7-1-2.



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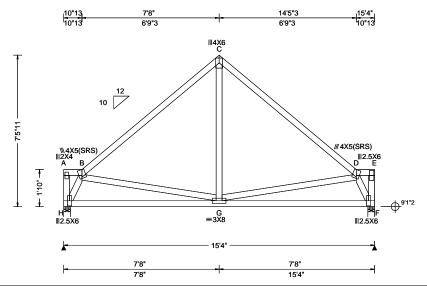
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SEQN: 782098 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T15 FROM: CDM Qty: 1 DrwNo: 298.24.1045.44177 Hunter Truss Label: B02 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.008 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.018 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.010 F
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.671
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.587
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.181
' '	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
••	Willa Baration: 1.00	IWAVE	VIEVV VCI. 20.02.04.0120.14

▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity							
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
н	660	/-	/-	/371	/95	/168		
F 6	660	/-	/-	/371	/95	/-		
Wind	d reac	tions ba	sed on	MWFRS				
Н	Brg W	/id = 4.0) Min	Req = 1.5	(Truss	s)		
F	Brg W	/id = 4.0) Min	Req = 1.5	(Truss	s)		
Bear	ings l	⊢& Far	e a rigio	d surface.				
Mem	bers	not liste	d have	forces less	s than 3	375#		
Maximum Top Chord Forces Per Ply (lbs)								
Chor	ds T	ens.Co	mp.	Chords	Tens.	Ćomp.		
В-С	;	278 -	654	C - D	296	- 669		

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

Wind loads based on MWFRS with additional C&C

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

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

G-F 449 - 305

Maximum Web Forces Per Ply (lbs)

webs	rens.comp. webs		rens. Comp.		
H - B	337 - 661	D-F	608	- 859	



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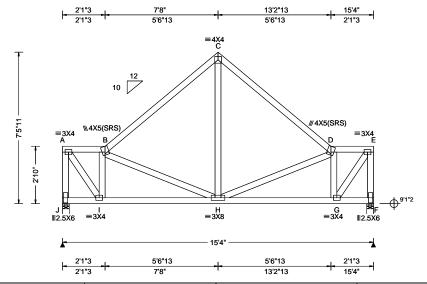
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 782100 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 FROM: CDM Qty: 1 DrwNo: 298.24.1045.44163 Hunter Truss Label: B03 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.012 H 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.027 H 999 180	IJ
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 A	F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.011 A	۷
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	J
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.352	F
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.339	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.299	
-	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):]
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	1
Lumber		•	•	J E

▲ Maximum Reactions (lbs)							
	Gravity		Non-Gravity				
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL		
J 660) /-	/-	/372	/99	/138		
F 660) /-	/-	/372	/99	/-		
Wind re	eactions b	ased on I	MWFRS				
J Bro	g Wid = 4	.0 Min	Req = 1.5	(Truss	s)		
F Br	g Wid = 4	.0 Min	Req = 1.5	(Truss	s)		
Bearing	js J & Fa	re a rigid	surface.	•	•		
Membe	rs not list	ted have f	orces less	s than 3	375#		
Maximum Top Chord Forces Per Ply (lbs)							
Chords	Tens.C	omp.	Chords	Tens.	Ćomp.		
A - B	158	- 457	C - D	205	-613		
B-C	205	-	D-E	158	- 457		

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

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

520 - 204 H-G 520 - 188

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.Comp.		Webs Tens.Com		Webs	Tens. (Comp.
A - J A - I		- 656 - 269	D-G G-E	274 785	- 558 - 269		
I-B		- 558	E-F	251	- 656		



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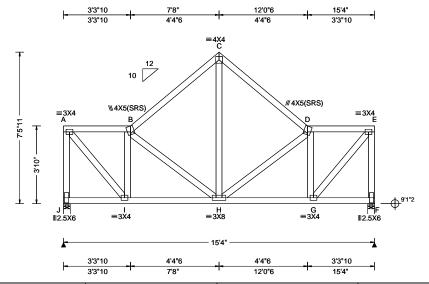
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SEQN: 782108 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T26 FROM: CDM Qty: 1 DrwNo: 298.24.1045.44257 Hunter Truss Label: B04 KD / WHK 10/24/2024



BCDL: 10.00 Des Ld: 40.00 Mean Height: 15.00 ft Snow Duration: NA HORZ(LL): 0.006 A HORZ(TL): 0.012 A - HOR	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
WAVE VIL. 20.02.04.0120.14	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Wind Std: ASCE 7-22 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: not in 4.50 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	PP Deflection in loc L/defl L/# VERT(LL): 0.014 H 999 240 VERT(CL): 0.030 H 999 180 HORZ(LL): 0.006 A HORZ(TL): 0.012 A Creep Factor: 2.0 Max TC CSI: 0.199 Max BC CSI: 0.236	F E N

▲ Maximum Reactions (lbs)						
	Gı	avity		No	n-Grav	ity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J 6	60	/-	/-	/368	/102	/108
F 6	60	/-	/-	/368	/102	/-
Wind	reac	tions bas	ed on M	WFRS		
JE	3rg W	id = 4.0	Min Re	eq = 1.5	(Truss)
FE	3rg W	id = 4.0	Min Re	eq = 1.5	(Truss)
Beari	ngs J	& F are	a rigid su	ırface.	•	
Mem	bers ı	not listed	have for	ces less	than 3	75#
Maximum Top Chord Forces Per Ply (lbs)						
Chore	ds T	ens.Com	ıp. Cl	nords	Tens.	Comp.
A - B		191 -4	70 C	- D	235	- 573
B-C				- Ē	191	- 470

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

Wind loads based on MWFRS with additional C&C

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. I-H 508 - 228 H-G 508 - 212

Maximum Web Forces Per Ply (lbs)						
Webs	Tens.C	comp.	Webs	Tens. (Comp.	
A - J A - I		- 635 - 289	D-G G-E	266 720	- 472 - 289	
I - B	266	- 472	E-F	330	- 635	



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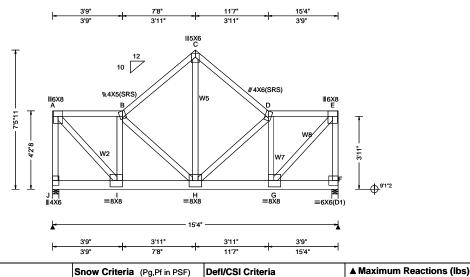
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SEQN: 782513 / COMN Ply: 2 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T51 FROM: CDM DrwNo: 298.24.1045.44601 Qty: 1 Hunter Truss Label: B05 KD / WHK 10/24/2024

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0)	Defl/CSI Criteria
Lumber	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE Additional Notes	VIEW Ver: 23.02.04.0123.14

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W2,W7 2x4 SP M-31; W5, W8 2x4 SP #2;

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 2 Rows @ 3.50" o.c. (Each Row) :1 Row @ 4" o.c. Webs Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 66 plf at 0.00 to 66 plf at TC: From BC: From 10 plf at 0.00 to 10 plf at BC: 2149 lb Conc. Load at 2.06, 4.06, 6.06, 8.06 10.06 BC: 1859 lb Conc. Load at 12.06

BC: 1197 lb Conc. Load at 14.06

Purlins

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

Wind

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.

The overall height of this truss excluding overhang is 7-5-11

Loc	R+	/ R-	/ Rh	/ Rw	/υ	/RL
J	7504	/-	/-	/-	/486	/-
F	7462	/-	/-	/-	/426	/-
Win	d reac	tions bas	sed on I	MWFRS		
J	Brg W	/id = 4.0	Min F	Req = 3.1	(Truss	i)
F	Brg W	/id = 4.0	Min F	Req = 3.1	(Truss)
Bea	rings J	& Fare	a rigid	surface.	-	-
Men	nbers	not listed	have for	orces less	than 3	75#
Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds T	ens.Con	np. (Chords	Tens.	Ćomp.
A - E	3	193 - 30	084	D - E	176	- 2867
B - 0	0	209 - 3	133	E-F	220	- 3351

Gravity

C-D

Non-Gravity

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords I - H 3185 - 202 H-G 2983 - 186

208 - 3132

Maximum Web Forces Per Ply (lbs) Tens.Comp. Tens. Comp. Webs Webs C-H A - J 231 - 3461 3784 - 202 4592 - 287 - 823 A - I H - D 50 I-B 120 - 1328 D-G 133 - 1516 **B-H** 72 - 1105 G-E 4272 - 262



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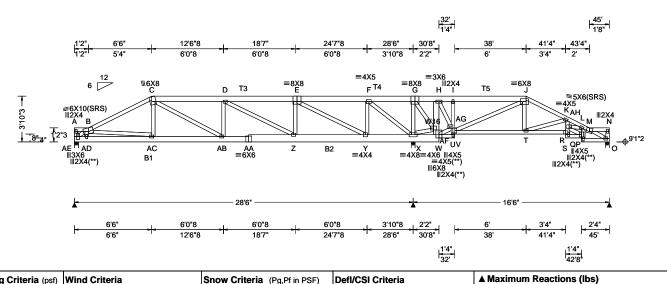
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SEQN: 782211 / SPEC Ply: 2 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T7 FROM: CDM DrwNo: 298.24.1045.43549 Qty: 1 Hunter Page 1 of 2 Truss Label: C01 KD / WHK 10/24/2024

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.073 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.153 D 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.033 O
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.067 O
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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.451
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.430
Spacing: 24.0 "	C&C Dist a: 4.50 ft	Rep Fac: No	Max Web CSI: 0.912
' •	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber		Plating Notes	

VE	
Disting	Notes

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

Purlins

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

spans at 24" oc in lieu of structural sheathing.

lating Notes

All plates are 3X4 except as noted.

The TC of this truss shall be braced with attached

B - C 323 - 1537 935 - 194 C-D 419 - 1946 I-J 924 - 193 D-E 316 - 1499 97 - 586 J - K F-G 1839 - 398 K-I 158 - 907 G-H 1219 - 266 1 - M 99 - 585

Non-Gravity

/333 /-

/1257 /-

/114 /-

Tens. Comp.

/RL

/Rw /U

Min Req = 1.5 (Truss)

Min Req = 3.0 (Truss)

Min Req = 1.5 (Truss)

Chords

Maximum Bot Chord Forces Per Ply (lbs)

Gravity

/-

/-

AE Brg Wid = 4.0

Brg Wid = 4.0

Brg Wid = 4.0

Chords Tens.Comp.

/Rh

/-

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

Wind reactions based on MWFRS

Loc R+

AE 1639

O 671

O

5803

Choras rens.comp. Choras re	C113. C	omp.
AE-AD 1088 - 218 Y - X	50	- 385
AD-AC 1101 - 226 X - W	253	- 1174
AC-AB 1351 - 279 U - T	515	-82
AB-AA 1957 - 429 T - R	786	- 135
AA- Z 1958 - 429 S - P	456	-78
Z-Y 1454 - 314 Q - O	517	- 89

Managaman H K STON Maximum Web Forces Per Ply (lbs) Webs Tens. Comp. Tens.Comp. Webs AE-B 263 - 1311 AF- H

98 - 440 AF- W - 104 C-AB 686 - 161 539 D - Z 130 - 571 H-AG 616 - 150 Z - E 529 - 25 W -AG 241 - 1050 E - Y 404 - 1800 I-AG 179 - 468 1038 - 155 U - J - 1515 Y - F 299 F-X AG- U 466 - 2042 694 - 98 X - G 238 - 929 J - T 418 -2 X -AF 146 - 683 AH- P 447 -80 G-AF - 191 M - O 101 - 582 909

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Special Loads

B2 2x8 SP #2;

Nailnote

Opeciai Load	Opeciai Loads						
(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)							
TC: From	62 plf at	0.00 to	62 plf at	6.50			
TC: From	31 plf at	6.50 to	31 plf at	38.00			
TC: From	62 plf at		62 plf at	45.00			
BC: From	20 plf at	0.00 to	20 plf at	8.56			
BC: From	10 plf at	8.56 to	10 plf at	37.97			
BC: From		37.97 to	20 plf at	45.00			
TC: 187 lb	TC: 187 lb Conc. Load at 8.56,10.56,12.56,14.56						
16.56,18.56,20.56,22.56,24.56,26.56,28.56,29.94							
TC: 204 lb Conc. Load at 31.94							
TC: 212 lb	TC: 212 lb Conc. Load at 33.94,35.94						
TC: 446 lb	Conc. Load	at 37.97					

Use equal spacing between rows and stagger nails

Top chord: 2x4 SP #2; T3,T4,T5 2x6 SP #2; Bot chord: 2x4 SP #2; B1 2x6 SP #2;

Webs: 2x4 SP #3; W16 2x6 SP #2;

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c.

:1 Row @ 4" o.c.

in each row to avoid splitting.

129 lb Conc. Load at 8.56,10.56,12.56,14.56 16.56,18.56,20.56,22.56,24.56,26.56,28.56,29.94 BC: 105 lb Conc. Load at 31.94

83 lb Conc. Load at 33.94,35.94 BC: 470 lb Conc. Load at 37.97

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For more information see these web sites: Alpine: albineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.or

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North Building, 4th Floor Glenview, IL 60025

SEQN: 782211 / SPEC Ply: 2 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T7 FROM: CDM DrwNo: 298.24.1045.43549 Qty: 1 Hunter Page 2 of 2 Truss Label: C01 KD / WHK 10/24/2024

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

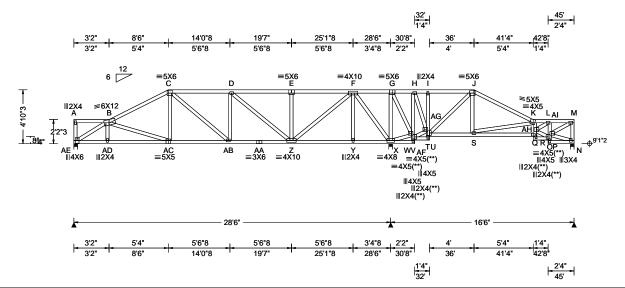
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SEQN: 782202 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T32 FROM: CDM DrwNo: 298.24.1045.43519 Qty: 1 Hunter Truss Label: C02 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.063 AB 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.141 AB 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.022 N
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.046 N
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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.519
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.434
Spacing: 24.0 "	C&C Dist a: 4.50 ft	Rep Fac: Yes	Max Web CSI: 0.952
' '	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U AE 1020 /548 /174 2404 /-/-/1228 /453 /-418 /208 /53 Wind reactions based on MWFRS AE Brg Wid = 4.0 Min Req = 1.5 (Truss) Brg Wid = 4.0 Min Req = 2.5 (Truss) Brg Wid = 4.0Min Req = 1.5 (Truss) Bearings AE, X, & N are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

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

Top chord: 2x4 SP #2;

Plating Notes

All plates are 3X4 except as noted.

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

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is

Cilolus	rens.comp.	Onorus	i ciis. (Joinp.	
B-C	563 - 1517	G-H	944	- 284	
C - D	587 - 1398	H - I	731	- 221	
D-E	365 - 960	I - J	723	- 218	
E-F	365 - 960	K-L	260	- 874	
F-G	1247 - 373	L - M	161	- 520	

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	Comp.	Chords	Tens. (Comp.
AE-AD	1544	- 550	Z - Y	188	- 422
AD-AC	1538	- 554	Y - X	188	- 422
AC-AB	1296	- 438	S - Q	861	- 258
AB-AA	1396	- 479	R-O	485	- 150
AA-Z	1396	- 479			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. 0	Comp.
AE- B	636 - 1788	AF- H	256	- 590
D - Z	298 - 645	H -AG	574	- 230
Z - F	1379 - 523	T - J	339	- 910
F-X	558 - 1572	AG- T	674	- 215
X - G	347 - 722	S - K	325	- 722
X -AF	374 - 953	AH- L	400	- 108
G -AF	623 - 247	Al- M	576	- 178
V -AG	308 - 731			

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Assessment the William

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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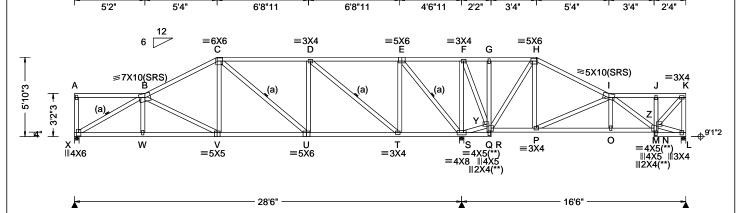
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org

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

SEQN: 782205 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T18 FROM: CDM DrwNo: 298.24.1045.43959 Qty: 1 Hunter Truss Label: C03 KD / WHK 10/24/2024 30'8" 10'6" 17'2"11 23'11"5 28'6" 39'4" 42'8"



6'8"11

23'11"5

4'6"11

28'6"

2'2"

30'8"

3'4"

34'

5'4"

39'4"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.059 V 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.126 V 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.023 L
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.049 S
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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.552
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.472
Spacing: 24.0 "	C&C Dist a: 4.50 ft	Rep Fac: Yes	Max Web CSI: 0.985
-	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

6'8"11

17'2"11

	▲ Maximum Reactions (lbs)							
		Gı	ravity		No	n-Grav	/ity	
)	Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL	
)	х	1010	/-	/-	/539	/174	/73	
	S	2385	/-	/-	/1211	/454	/-	
	L	454	/-	/-	/210	/53	/-	
	Win	d reac	tions bas	sed on	MWFRS			
	Х	Brg W	/id = 4.0	Min	Req = 1.5	(Truss	s)	
	S	Brg W	/id = 4.0	Min	Req = 2.4	(Truss	s)	
	L	Brg W	id = 4.0	Min	Req = 1.5	(Truss	s)	
	Bea	rings >	<, S, & L	are a r	igid surfac	e.		
	Men	nbers i	not listed	l have f	orces less	than 3	375#	
_	Max	imum	Top Ch	ord Fo	rces Per	Ply (lb:	s)	
	Cho	rds T	ens.Con	ıp.	Chords	Tens.	Comp.	

3'4"

42'8"

2'4"

45'

B - C	508 - 1338	F-G	721	- 226
C - D	437 - 991	G-H	716	- 224
E-F	980 - 308	H - I	403	- 123

Bracing

Lumber

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

(a) Continuous lateral restraint equally spaced on member.

5'2"

5'2"

5'4"

10'6"

Plating Notes

All plates are 2X4 except as noted.

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

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. 0	Comp.
X - W	1484 - 542	U - T	978	- 324
W - V	1479 - 545	P - O	541	- 117
V - U	1134 - 388	O - M	547	- 115

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (Comp.
X - B	613 - 1685	S - Y	318	- 751
B - V	205 - 396	F-Y	652	- 246
C - V	383 -40	Q - H	354	- 906
U - D	389 -9	Y - Q	755	- 263
D - T	491 - 1130	H - P	389	-66
T - E	852 - 258	P-I	258	- 565
E-S	579 - 1547	Z - K	479	- 157
S-F	395 - 808	K-L	150	- 387



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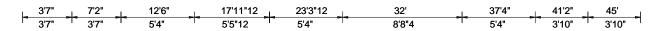
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

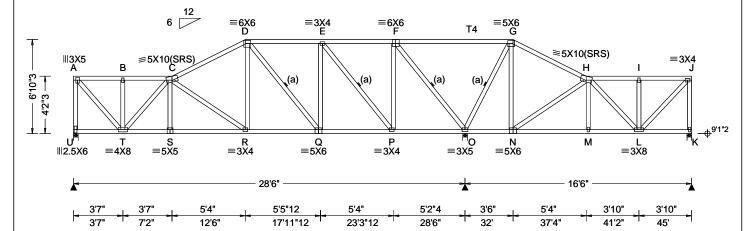
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Loading Cri	iteria (psf)	Wind Criteria	Snow Crit	eria (Pg,	Pf in PSF)	Defl/CSI Cri	iteria			
TCLL: 20	0.00	Wind Std: ASCE 7-22	Pg: NA	Ct: NA	CAT: NA	PP Deflection	nin k	oc L/d	efl I	∟/#
TCDL: 10			Pf: NA		Ce: NA	VERT(LL):	0.051	R 9	99	240
BCLL: 0			Lu: NA	Cs: NA		VERT(CL):	0.107	R 9	99	180
BCDL: 10		Risk Category: II	Snow Dura	ation: NA		HORZ(LL):	0.020	Α	-	-
Des Ld: 40	ባ ሰባ 📗	EXP: C Kzt: NA				HORZ(TL):	0.041	Α	-	-
NCBCLL: 10	^ ^^	Mean Height: 15.00 ft TCDL: 5.0 psf	Building C	ode:		Creep Facto	r: 2.0			
Soffit: 2		BCDL: 5.0 psf	FBC 8th E	d. 2023 F	Res. HVHZ	Max TC CSI	: 0.7	727		
Load Duratio		MWFRS Parallel Dist: h/2 to h	TPI Std: 2	2014		Max BC CSI	: 0.4	107		
Spacing: 24.	.0 "	CGC Dist a. 4.50 it	Rep Fac: \			Max Web C	SI: 0.6	36		
		Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)						
		GCpi: 0.18	Plate Type	e(s):						
		Wind Duration: 1.60	WAVE			VIEW Ver: 2	3.02.0	4.0123	3.14	
Lumber										

	▲ Maximum Reactions (lbs)							
#		G	ravity		No	n-Grav	∕ity	
 240	Loc	: R+	/ R-	/Rh	/ Rw	/ U	/ RL	
80	υ	1001	/-	/-	/526	/173	/73	
-	0	2401	/-	/-	/1222	/456	/-	
_	κ	453	/-	/-	/195	/61	/-	
	Wir	nd read	tions ba	sed on	MWFRS			
	U	Brg V	Vid = 4.0	Min	Req = 1.5	(Truss	s)	
	0	Brg V	Vid = 4.0	Min	Req = 2.5	(Truss	s)	
	Κ	Brg V	Vid = 4.0	Min	Req = 1.5	(Truss	s)	
	Bea	arings (U, O, & Ł	Care a	rigid surfa	ce.	-	
	Me	mbers	not listed	d have	forces less	than 3	375#	
	Ma	ximum	Top Ch	ord Fo	rces Per	Plv (lb	s)	
					Chords			

A - B	315 - 807	D-E	347	- 742
B - C	315 - 808	F-G	925	- 314
C - D	434 - 1141	G-H	515	- 194

Bracing

(a) Continuous lateral restraint equally spaced on

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

Plating Notes

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

All plates are 2X4 except as noted.

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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The overall height of this truss excluding overhang is 6-10-3.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	Comp.	Chords	Tens. Comp.		
T-S	1333	- 490	Q-P	726	- 230	
S - R	1329	- 491	O - N	224	- 440	
R - Q	960	- 323				

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
A - U	414 - 967	P-F	786 - 241	
A - T	1186 - 462	F-0	685 - 1658	
T - C	257 - 774	O - G	472 - 1118	
C - R	226 - 459	G - N	425 - 118	
D - R	431 - 77	N - H	284 - 587	
D - Q	177 - 384	L - J	443 - 129	
Q-E	429 - 87	J - K	172 - 418	
E-P	378 - 861			



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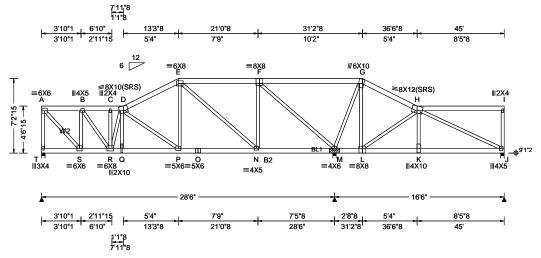
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Glenview, IL 60025

SEQN: 786605 / SPEC Ply: 3 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T43 DrwNo: 298.24.1045.45466 FROM: CDM Qty: 1 Hunter Page 1 of 2 Truss Label: C05 KD / WHK 10/24/2024

3 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in	PSF)	DefI/CSI Criter	ia		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CA	T: NA	PP Deflection i	n loc L	/defl	L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce:	: NA	VERT(LL): 0.	100 Q	999	240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA		VERT(CL): 0.:	202 Q	999	180
BCDL: 10.00	Risk Category: II	Snow Duration: NA		HORZ(LL): 0.	033 A	-	-
Des Ld: 40.00	EXP: C Kzt: NA			HORZ(TL): 0.	066 A	-	-
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:		Creep Factor: 2	2.0		
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	HVHZ	Max TC CSI:	0.484		
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014		Max BC CSI:	0.829		
Spacing: 24.0 "	C&C Dist a: 4.50 ft	Rep Fac: Yes		Max Web CSI:	0.989		
-	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)					
	GCpi: 0.18	Plate Type(s):					
	Wind Duration: 1.60	WAVE		VIEW Ver: 23.0	2.04.01	23.14	
Lumber		Wind					

PI Std: 2014 ep Fac: Yes r/RT:20(0)/10(0) ate Type(s):	Max BC CSI: 0.829 Max Web CSI: 0.989	M Brg Wid = 4.0 Min Req = - J Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings T, M, & J are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)
AVE	VIEW Ver: 23.02.04.0123.14	Chords Tens.Comp. Chords Tens. Com
Wind		A D 0 2000 D E 0 47

Chords	Tens.Comp.	Chords	Tens. Comp	-
A - B	0 - 2008	D-E	0 - 176	4
B - C	0 - 3008	F-G	1905 - 10	7
C - D	0 - 3008	G-H	949 -	7

Min Req =

Non-Gravity

/953 /-

/554 /-

/RL

/Rw /U

Min Req = 2.0 (Truss)

▲ Maximum Reactions (lbs) Gravity

/Rh

/-

Wind reactions based on MWFRS Brg Wid = 4.0

Loc R+

7287 /-15147 /-

4294 /-

Brg Wid = 4.0

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 2 Rows @ 6.00" o.c. (Each Row) Webs : 1 Row @ 4" o.c.

Top chord: 2x6 SP #2; Bot chord: 2x6 SP 2400f-2.0E; B2 2x6 SP #2;

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

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

Bearing Block(s)

Brg blocks:0.131"x3", min. nails brg x-loc #blocks length/blk #nails/blk wall plate 2 28.333' 2 13" 16 Rigid Surfi Rigid Surface Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

Wind loading based on both gable and hip roof types.

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

Chords	Tens.Comp.		Chords	Tens. (Comp.
S-R	2110	0	O - N	1565	0
R - Q	3188	0	M - L	0	- 830
Q - P	3154	0	L-K	1215	- 198
P - O	1565	0	K-J	1300	- 205

Maximum Bot Chord Forces Per Ply (lbs)

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - T	0 - 2288	E-N	0 - 2185
A - S	3009 0	N - F	1401 0
S-B	0 - 1441	F-M	72 - 2399
B - R	1635 0	M - G	296 - 2903
R - D	0 -610	G-L	2152 - 222
Q-D	976 0	L-H	247 - 2505
D - P	0 - 2006	H - K	2403 - 193
E-P	2088 0	H - J	228 - 1445

Special Loads

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 0.00 to 62 plf at 62 plf at 45.00 BC: From 20 plf at 0.00 to 20 plf at 45.00 BC: 611 lb Conc. Load at 1.40 BC: 1481 lb Conc. Load at 3.40, 5.40, 8.77 BC: 2138 lb Conc. Load at 6.71 BC: 1476 lb Conc. Load at 10.77 BC: 1443 lb Conc. Load at 12.77 BC: 1686 lb Conc. Load at 28.94 BC: 1447 lb Conc. Load at 30.94,32.94,34.94 BC: 1693 lb Conc. Load at 36.94,38.94,40.94,42.94

Purlins

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

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



Florito/24/2004 ate of Product Approval #FL 1999

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North Building, 4th Floor Glenview, IL 60025

SEQN: 786605 / SPEC Ply: 3 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T43 FROM: CDM DrwNo: 298.24.1045.45466 Qty: 1 Hunter Page 2 of 2 Truss Label: C05 KD / WHK 10/24/2024

Additional Notes

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The overall height of this truss excluding overhang is



Florida 24204 ate of Product Approval #FL 1999

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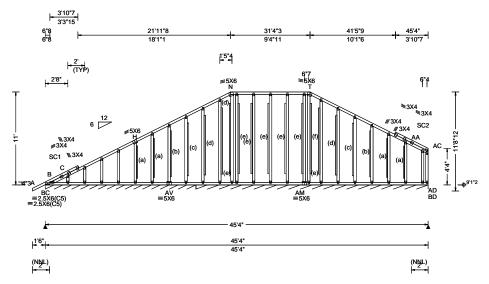
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SEQN: 782284 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T11 FROM: CDM Qty: 1 DrwNo: 298.24.1045.44444 Hunter Page 1 of 2 Truss Label: D01 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 N 999 240	Į.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 AA 999 180	ı
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.015 AA	E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.016 AA	١
NCBCLL: 10.00	Mean Height: 15.65 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.173	E
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.066	E
Spacing: 24.0 "	C&C Dist a: 4.53 ft	Rep Fac: Yes	Max Web CSI: 0.965	"
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	
	•	•	•	-

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL BC*87 /57 /15 /15 BD*83 /45 /-Wind reactions based on MWFRS BC Brg Wid = 214 Min Req = -BD Brg Wid = 330 Min Req = -Bearings BC & AT are 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; Stack Chord: SC1 2x4 SP #2;

Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

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.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/188.



Floriba Change of Product Approval #FL 1999

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SEQN: 782284 / GABL Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T11 Ply: 1 DrwNo: 298.24.1045.44444 FROM: CDM Qty: 1 Page 2 of 2 Truss Label: D01 KD / WHK 10/24/2024

Gable Reinforcement

(a) 1x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(b) 1x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the

first 18" and then 4" oc for the remainder. (c) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(d) 2x4 SP/DF #2 or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(e) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(f) 2x4 "L" reinforcement. Same species and grade as eb. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

Additional Notes

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

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

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The overall height of this truss excluding overhang is



Florida 24/2024 ate of Product Approval #FL 1999

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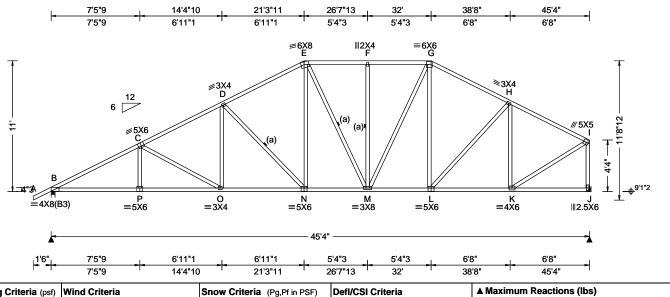
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SEQN: 782131 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T46 FROM: CDM DrwNo: 298.24.1045.44509 Qty: 5 Hunter Page 1 of 2 Truss Label: D02 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.243 O 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.444 O 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.093 K
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.170 K
NCBCLL: 10.00	Mean Height: 15.65 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.935
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.981
Spacing: 24.0 "	C&C Dist a: 4.53 ft	Rep Fac: Yes	Max Web CSI: 0.881
' "	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

Lumber

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

Bearing at location x=45'1" uses the following

support conditions: 45'1"
Bearing J (45'1", 9'1"2) 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

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

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

В 2182 /-/1241 /194 /303 2149 /1035 /110 /-Wind reactions based on MWFRS Brg Wid = 4.0Min Reg = 2.6 (Truss) В Brg Wid = -Min Req = Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 848 - 3977 493 - 2269 C-D 721 - 3413 G-H 480 - 2297

/Rh

Non-Gravity

386 - 2014

/Rw /U

Gravity

/R

Loc R+

D-E

F-F

Cnoras	rens.Comp.		Choras	rens. Comp	
B - P	3466	- 868	N - M	2329	- 242
P - O	3464	- 869	M - L	1963	- 139
O - N	2952	- 567	L-K	1760	- 268

H - I

Maximum Web Forces Per Ply (lbs)

571 - 2707

493 - 2269

- 31
826
307
104

Wah



Floriba C42022 atte of Product Approval #FL 1999

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SEQN: 782131 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T46 FROM: CDM DrwNo: 298.24.1045.44509 Qty: 5 Hunter Page 2 of 2 Truss Label: D02 KD / WHK 10/24/2024

Additional Notes

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The overall height of this truss excluding overhang is

11-0-0.



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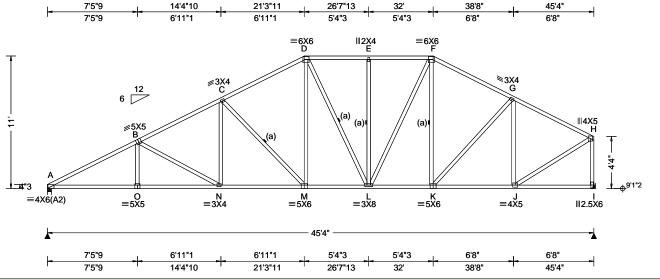
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SEQN: 782134 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T35 FROM: CDM DrwNo: 298.24.1045.43534 Qty: 1 Hunter Page 1 of 2 Truss Label: D03 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.186 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.383 N 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.072 J
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.147 J
NCBCLL: 10.00	Mean Height: 15.65 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.911
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.821
Spacing: 24.0 "	C&C Dist a: 4.53 ft	Rep Fac: Yes	Max Web CSI: 0.806
' "	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; 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=45'1" uses the following

support conditions: 45'1"
Bearing I (45'1", 9'1"2) HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting member,

(4) 0.148"x3" nails into supported member

Purlins

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

Wind loads based on MWFRS with additional C&C

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

▲ Maximum Reactions (lbs)

C-D

D-E

	Gravity			Non-Gravity			
	Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
	A	1872	/-	/-	/1153	/170	/289
		1859	•	, /-	/1033	,	
	Win	d reac	tions bas	sed on	MWFRS		
	Α	Brg W	/id = 4.0	Min	Req = 2.2	(Truss	s)
	1	Brg W	/id = -	Min	Req = -		
	Bea	ring A	is a rigid	surfac	ce.		
	Men	nbers	not listed	l have	forces less	than 3	375#
	Max	imum	Top Ch	ord Fo	orces Per	Ply (lb:	s)
	Cho	rds T	ens.Con	ıp.	Chords	Tens.	Ćomp.
_	A - I	3	412 - 35	559	F-F	252	- 1918
	B - 0	_	360 - 29		F-G	250	- 1950

Maximum Bot Chord Forces Per Ply (lbs)

295 - 2313

252 - 1918

Chords	Tens.Comp.		Chords	Tens. Comp.		
A - O	3097	- 465	M - L	1978	-83	
O - N	3094	- 466	L-K	1652	-7	
N - M	2546	- 287	K - J	1492	- 112	

G-H

192 - 1717

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.		
B - N	234 - 615	L-F	596 - 32		
N - C	513 - 41	G-J	143 - 756		
C - M	298 - 829	J - H	1726 - 126		
D - M	730 - 154	H - I	210 - 1807		



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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: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 782134 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T35 FROM: CDM DrwNo: 298.24.1045.43534 Qty: 1 Hunter Page 2 of 2 Truss Label: D03 KD / WHK 10/24/2024

Additional Notes

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

The overall height of this truss excluding overhang is

11-0-0.



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

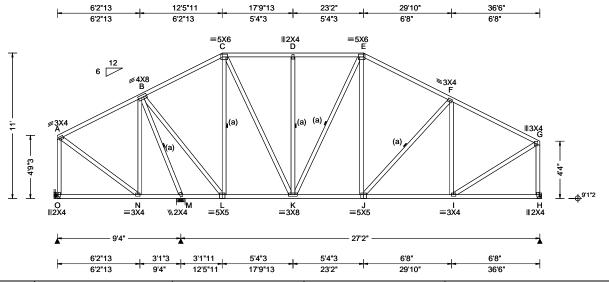
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SEQN: 782139 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T20 FROM: CDM Qty: 1 DrwNo: 298.24.1045.44507 Hunter Page 1 of 2 Truss Label: D04 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	14
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.038 D 999 240	[
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.077 D 999 180	1
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.011 I	1
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.023 I	ŀ
NCBCLL: 10.00	Mean Height: 15.65 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	\
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.779	13
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.509	Ľ
Spacing: 24.0 "	C&C Dist a: 3.65 ft	Rep Fac: Yes	Max Web CSI: 0.459	١i
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		lī
	GCpi: 0.18	Plate Type(s):		Į,
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	(
Lumber				

▲ M	▲ Maximum Reactions (lbs)							
	G	ravity		No	on-Gra	vity		
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL		
0	611	/-	/-	/305	/34	/179		
М	1198	/-	/-	/714	/75	/-		
Н	1197	/-	/-	/905	/-	/-		
Wir	nd read	tions ba	sed on M	WFRS				
0	Brg V	/id = -	Min R	eq = -				
М	Brg V	/id = 8.0	Min R	eq = 1.5	(Trus	s)		
Н	Brg V	/id = -	Min R	eq = -	-			
Bea	ring M	is a rigid	d surface					
Mei	Members not listed have forces less than 375#							
Max	kimum	Top Ch	ord Ford	es Per	Ply (lb	s)		
Cho	ords T	ens.Cor	np. C	hords	Tens.	Ćomp.		

A - B 64 - 435 125 - 764 55

Bracing

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

(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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

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

	120 002		111 102
C - D	125 - 764	F-G	36 - 105

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. ନନ୍ଦ 0 L-K 479 n .1 - 1K-J 826 0

Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	Webs	Tens. (comp.
A - O	88 - 559	K-E	48	- 378
A - N	405 0	E-J	402	-3
B - M	154 - 1211	F-I	97	- 389
B - L	936 0	I - G	1031	0
C - L	0 -659	G - H	47	- 1145
C - K	636 0			



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SEQN: 782139 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T20 FROM: CDM DrwNo: 298.24.1045.44507 Qty: 1 Page 2 of 2 Truss Label: D04 KD / WHK 10/24/2024

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 O (0', 9'1"2) LUS26
Supporting Member: (3)2x6 SP 2400f-2.0E
(4) 0.148"x3" nails into supporting uses the following member (3) 0.148"x3" nails into supported member. Bearing H (36'3", 9'1"2) HUS26 Supporting Member: (2)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting

member, (4) 0.148"x3" nails into supported

member.



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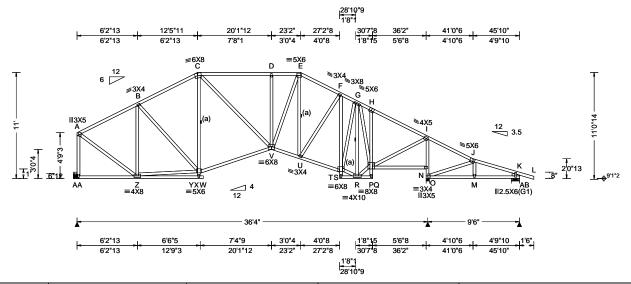
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SEQN: 786480 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T53 FROM: CDM Qty: 3 DrwNo: 298.24.1045.44790 Hunter Truss Label: G01 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.097 D 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.200 D 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.060 N
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.124 N
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.786
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.696
Spacing: 24.0 "	C&C Dist a: 4.58 ft	Rep Fac: Yes	Max Web CSI: 0.811
	Loc. from endwall: not in 13.00 ft		
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber		Additional Natas	

▲ M	▲ Maximum Reactions (lbs)								
Gravity				Non-Gravity					
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL			
AA	1481	/-	/-	/854	/-	/284			
N	2037	/-	/-	/1211	/-	/-			
AB	412	/-	/-	/243	/84	/-			
Win	d reac	tions bas	sed on MV	VFRS					
AA	Brg W	/id = -	Min Re	q = -					
N	Brg W	/id = 4.0	Min Re	q = 2.4	(Truss	i)			
AB	Brg W	id = 10.0	0 Min Re	q = 1.5	(Truss	()			
Bea	rings N	N & AB a	re a rigid	surface					
Men	nbers	not listed	have for	ces less	than 3	75#			
Maximum Top Chord Forces Per Ply (lbs)									
Cho	rds T	ens.Con	np. Ch	ords	Tens.	Comp.			

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

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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.

Additional Notes

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

The overall height of this truss excluding overhang is

A - B	141 - 1244	F-G	216 - 141	60
B - C	177 - 1468	G-H	277 - 136	
C - D	102 - 1745	H-I	193 - 140	
D-E E-F	102 - 1745 102 - 1745 178 - 1636	J-K	193 - 140 196 - 42	

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
X - V	1313	0	U-S	1319	0	
V - U	1498	0				

Maximum Web Forces Per Ply (lbs)

webs	rens.c	omp.	vvebs	rens.	Comp.
A -AA	162	- 1432	S - G	798	0
A - Z	1289	- 82	R-G	0	- 1311
Z - B	118	- 719	R-P	1370	0
Z - X	1040	- 20	G-P	496	- 94
C - V	725	0	P - I	1504	0
D - V	0	- 396	1-0	180	- 1747
V - E	923	0	O - N	152	- 1830
F-S	0	- 528	N - J	183	- 543
S-R	1178	Ω			



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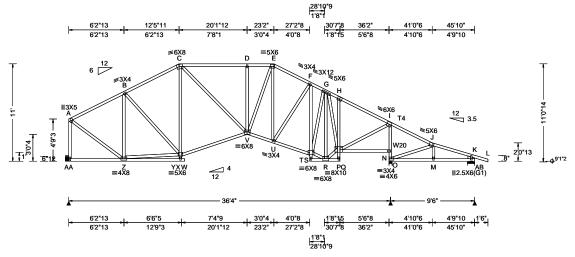
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 786511 / SPEC Ply: 2 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T57 FROM: CDM Qty: 1 DrwNo: 298.24.1045.45574 Hunter Truss Label: G02 KD / WHK 10/24/2024

2 Complete Trusses Required



Loading	Criteria (psf)	Wind Criteria	Snow Cr	r iteria (Pg	,Pf in PSF)	Defl/CSI Cri	teria		
TCLL:	20.00	Wind Std: ASCE 7-22	Pg: NA	Ct: NA	CAT: NA	PP Deflection	n in loc L	./defl	L/#
TCDL:	10.00	Speed: 130 mph	Pf: NA		Ce: NA	VERT(LL):	0.042 D	999	240
BCLL:	0.00	Enclosure: Closed	Lu: NA	Cs: NA		VERT(CL):	0.204 D	999	180
BCDL:	10.00	Risk Category: II	Snow Du	ration: NA	١	HORZ(LL):	0.028 N	-	-
Des Ld:	40.00	EXP: C Kzt: NA				HORZ(TL):	0.135 N	-	-
NCBCLL	.: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building (Code:		Creep Facto	r: 2.0		
Soffit:	2.00	BCDL: 5.0 psf	FBC 8th	Ed. 2023 F	Res. HVHZ	Max TC CSI	: 0.673		
Load Du	ration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std:	2014		Max BC CSI	: 0.460		
Spacing	24.0 "	C&C Dist a: 4.58 ft	Rep Fac:	: No		Max Web C	SI: 0.912		
' "		Loc. from endwall: not in 13.00 ft	FT/RT:20	0(0)/10(0)					
		GCpi: 0.18	Plate Typ	oe(s):					
		Wind Duration: 1.60	WAVE			VIEW Ver: 2	3.02.04.01	123.14	Į.
Lumber	r		Wind	d		•			

. r	

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

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W20 2x4 SP #2;

Rt Stub Wedge: 2x4 SP #3;

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @ 8.75" o.c. Bot Chord: 1 Row @12.00" o.c. :1 Row @ 4" o.c. Webs

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

Special Loads

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)							
TC: From	62 plf at	0.00 to	62 plf at	23.17			
TC: From	362 plf at	23.17 to	362 plf at	41.03			
TC: From	61 plf at	41.03 to	61 plf at	47.33			
BC: From	20 plf at	0.00 to	20 plf at	13.08			
BC: From	21 plf at	13.08 to	21 plf at	27.21			
BC: From	20 plf at	27.21 to	20 plf at	45.83			
BC: From	4 plf at	45.83 to	4 plf at	47.33			

Plating Notes

All plates are 2X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

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

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The overall height of this truss excluding overhang is

	▲ Maximum Reactions (lbs)								
		G	ravity		N	Ion-Gra	vity		
)	Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL		
)	AA :	2138	/-	/-	/853	/-	/284		
	N (6677	/-	/-	/196	B /-	/-		
	AB 4	476	/-	/-	/242	/85	/-		
	Wind	d reac	tions bas	sed on	MWFRS				
	AA	Brg W	/id = -	Min	Req = -				
	N	Brg W	/id = 4.0	Min	Req = 3	9 (Trus	s)		
	AB	Brg W	id = 10.6	0 Min	Req = 1	5 (Trus	s)		
	Bearings N & AB are a rigid surface.								
	Members not listed have forces less than 375#								
	Max	imum	Top Ch	ord F	orces Pe	r Ply (lk	os)		
	Cho	rds T	ens.Con	np.	Chords	Tens.	Comp.		

A - B B - C	71 - 924 89 - 1196	F-G G-H		- 1871 - 1984
C-D	51 - 1731	H - I		- 2117
D - E	51 - 1732	I - J	622	- 4
E-F	89 - 1958			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
X - V	1085	0	U-S	1718	0
V - U	1686	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
A -AA	81 -	1045	S - G	861	0
A - Z	977	- 41	R-G	0	- 1795
Z - B	59	- 584	R - P	1842	0
Z - X	784	- 10	G-P	966	- 44
C - X	0	- 407	P - H	84	- 767
C - V	996	0	P - I	2109	0
V - E	378	- 120	1-0	91	- 3052
F-S	0	- 533	O - N	77	- 3110
S - R	1595	0	N - J	92	- 642



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SPEC

Ply: 1 Qty: 1

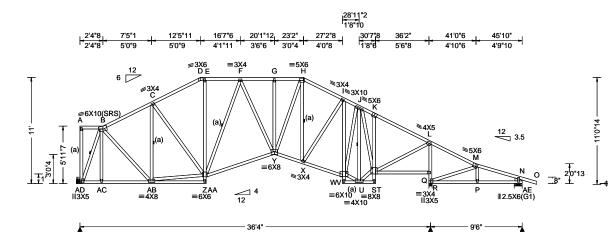
Job Number: 24-1376B

Hunter

Truss Label: G03

Cust: R 215 JRef: 1Y4d2150001 DrwNo: 298.24.1045.45684 KD / WHK 10/24/2024

T28



3'0"4

4'0"8

1'8"6 30'7

1'8"10 28'11"2

4'10"6

41'0"6

4'9"10

ł				
1	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
1	TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
1	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.099 G 999 240
1	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.203 G 999 180
1		Risk Category: II	Snow Duration: NA	HORZ(LL): 0.066 Q
1	Dec 1 d. 10 00	EXP: C Kzt: NA		HORZ(TL): 0.135 Q
- 1	NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
- 1	0 (")	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.438
- 1		MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.707
- 1	Spacing: 24.0 "	C&C Dist a: 4.58 ft	Rep Fac: Yes	Max Web CSI: 0.741
	opasg. =	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
		GCpi: 0.18	Plate Type(s):	
		Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
İ	Lumber		Additional Notes	

13'1'

Additional Notes

7'0"12

20'1"12

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

The overall height of this truss excluding overhang is 11-0-0.

▲ Maximum Reactions (lbs) Gravity

Loc R+	/ R-	/ Rh	/Rw /U	/ RL
AD 1476	/-	/-	/814 /-	/282
Q 2040	/-	/-	/1215 /-	/-
AE 411	/-	/-	/241 /86	/-

Non-Gravity

Wind reactions based on MWFRS AD Brg Wid = -Min Req =

Brg Wid = 4.0 Min Req = 2.4 (Truss) AE Brg Wid = 10.0 Min Req = 1.5 (Truss) Bearings Q & AE are a rigid surface.

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

n 0	440 4000		470	4004
B-C	149 - 1283	H - I	1/3	- 1634
C - D	172 - 1453	I - J	212	- 1421
D-E	201 - 1246	J - K	274	- 1366
E-F	201 - 1240	K-L	190	- 1411
F-G	104 - 1713	M - N	199	- 421

Maximum Bot Chord Forces Per Ply (lbs)

104 - 1714

Chords	Tens.Comp.		Chords	Tens. Comp.	
AD-AC	598	-77	Y - X	1498	0
AC-AB	596	- 78	X - V	1317	0
Z - Y	1601	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
AD- B	184 - 1	544	V - U	1208	0
B-AB	739	- 18	V - J	839	0
AB- C	62 -	593	U - J	0	- 1346
AB- Z	1090	0	U - S	1360	0
E - Z	382	- 28	J - S	481	- 95
Z - F	0 -	773	S-L	1515	0
F-Y	487	0	L-R	177	- 1749
Y - H	833	0	R-Q	149	- 1834
I - V	0 -	511	Q - M	184	- 543

Webs	Tens.Comp.		Webs	Tens. Comp.	
AD- B	184	- 1544	V - U	1208	0
B -AB	739	- 18	V - J	839	0
AB- C	62	- 593	U - J	0	- 1346
AB- Z	1090	0	U - S	1360	0
E - Z	382	- 28	J - S	481	- 95
Z - F	0	- 773	S - L	1515	0
F-Y	487	0	L-R	177	- 1749
Y - H	833	0	R - Q	149	- 1834
I - V	0	- 511	Q - M	184	- 543

G-H

COA #0278 ONAL Florida 24/2024 atte of Product Approval #FL 1999

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

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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.

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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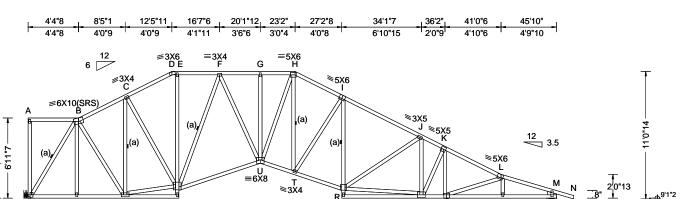
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Glenview, IL 60025

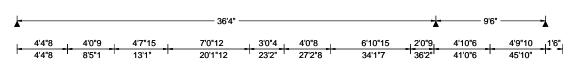
SEQN: 786487 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T44 FROM: CDM DrwNo: 298.24.1045.45307 Qty: 1 Hunter Truss Label: G04 KD / WHK 10/24/2024



=6X6

0

□AA |||2.5X6(G1)



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	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.088 G 999 24t VERT(CL): 0.182 G 999 18t HORZ(LL): 0.051 Q HORZ(TL): 0.106 Q
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.58 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max TC CSI: 0.454 Max BC CSI: 0.693 Max Web CSI: 0.735
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber		Additional Notes	

⊴ 4

12

=4X8

	▲ M	▲ Maximum Reactions (lbs)							
L/#		G	ravity		No	n-Gra	vity		
240	Loc	R+	/ R-	/ Rh	/ Rw	/U	/ RL		
180	Z	1443	/-	/-	/770	/-	/281		
-	Р	2198	/-	/-	/1325	/-	/-		
-	AA	315	/-	/-	/162	/83	/-		
	Win	Wind reactions based on MWFRS							
	Z	Brg W	/id = -	Min	Req = -				
	Р	Brg V	/id = 4	.0 Min	Req = 2.6	;			
					Req = 1.5		s)		
	Bea	ırings l	2 & AA	are a rig	id surface				
	Mer	nbers	not list	ed have f	orces less	than	375#		
	Max	cimum	Top C	hord Fo	rces Per	Plv (lk	os)		
ļ					Chords				
				-			-	٠	

3'0"4

Z ⊪3X5

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

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted.

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.

Additional Notes

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

The overall height of this truss excluding overhang is

B-C	154 - 1269	G-H	78	- 1635
C - D	161 - 1396	H-I	149	- 1557
D-E	182 - 1215	l - J	163	- 1372
E-F	182 - 1209	K-L	674	- 15
F-G	78 - 1635			

Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	Tens.Co	mp.	Chords	rens. (Jomp.	
Z - Y	852	-7	U - T	1409	0	
Y - X	850	-8	T-R	1213	0	
V - U	1542	0	Q - P	104	- 438	

Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	Comp.	Webs	Tens.	Comp.
Z-B	198	- 1551	I-R	0	- 769
B - X	442	0	R - J	1036	0
X - C	0	- 502	J - Q	116	- 1329
X - V	1099	0	Q - K	1554	-64
V - F	0	- 711	K - P	169	- 1965
F - U	421	0	P - L	198	- 520
U - H	851	0			



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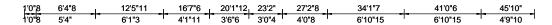
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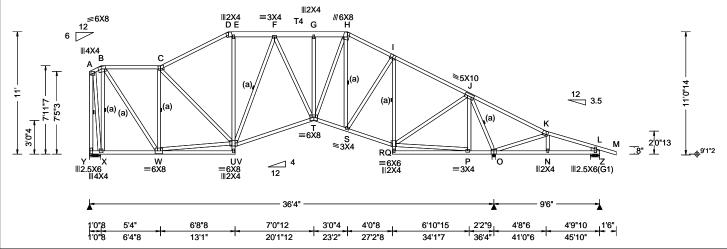
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 786519 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T73 FROM: CDM DrwNo: 298.24.1045.45072 Qty: 1 Hunter Truss Label: G05 KD / WHK 10/24/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	T
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.091 G 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.187 G 999 180	
	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.044 O	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.093 O	
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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.726	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.691	
Spacing: 24.0 "	C&C Dist a: 4.58 ft	Rep Fac: Yes	Max Web CSI: 0.537	
'	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	
Lumber				_

	A M	avimi	ım Doa	ctions (I	he\			
	A IVI		ravity	ictions (i	•	n-Gra	vity	
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
0	Υ	1427	/-	/-	/730	/-	/280	
-	0	2264	/-	/-	/1576	/-	/-	
.	Z	281	/-12	/-	/120	/92	/-	
	Win	d read	tions b	ased on I	MWFRS			
	Υ	Brg V	/id = 12	2.0 Min	Req = 1.7	(Trus	s)	
	0	Brg W	/id = 4.	0 Min	Req = 2.7	•		
	Z	Brg V	/id = 10	0.0 Min	Req = 1.5	(Trus	s)	
	Bea	rings `	Y, O, &	Z are a r	igid surfa	ce.		
	Mer	nbers	not liste	ed have f	orces less	than	375#	
	Max	cimum	Top C	hord Fo	rces Per	Ply (lk	os)	
	Cho	rds T	ens.Co	mp.	Chords	Tens.	Comp.	

B - C 171 - 983 - 1607 G - H 73 C-D 172 - 1413 H - I 101 - 1511 D-E 220 - 1166 I-J 83 - 1317 F-F 216 - 1197 .I - K 890 - 60

K - I

375

- 119

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

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

Rt Stub Wedge: 2x4 SP #3;

All plates are 5X6 except as noted.

Top chord: 2x4 SP #2; T4 2x6 SP #2;

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.

Additional Notes

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

The overall height of this truss excluding overhang is 11-0-0.

Maximum Bot Chord Forces Per Ply (lbs)

73 - 1607

F-G

Chords	Tens.Co	mp.	Chords	Tens. Co	omp.
U - T	1522	0	S - Q	1157	0
T-S	1372	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	i ens.	Comp.
A - Y	268 - 1396	F-T	403	0
A - X	1330 - 282	T - H	864	0
B - X	324 - 1295	S-I	384	- 79
B - W	1408 - 186	I - Q	0	-777
W - C	214 - 1148	Q - J	1085	0
W - U	988 0	J-0	68	- 2177
U - F	0 -678	O - K	232	- 579



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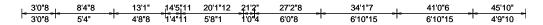
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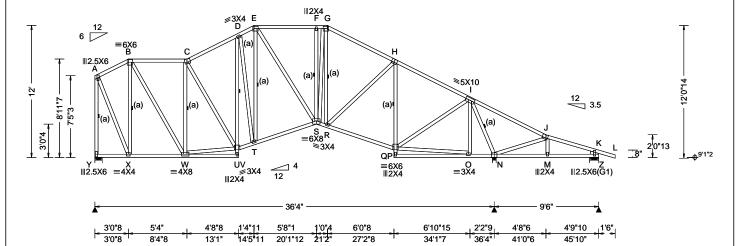
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SEQN: 786522 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T68 FROM: CDM DrwNo: 298.24.1045.44962 Qty: 1 Hunter Truss Label: G06 KD / WHK 10/24/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.05 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.58 ft Loc. from endwall: not in 13.00 ft 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 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes	PP Deflection in loc L/defl L/# VERT(LL): 0.083 F 999 240 VERT(CL): 0.171 F 999 180 HORZ(LL): 0.040 N HORZ(TL): 0.086 N Creep Factor: 2.0 Max TC CSI: 0.696 Max BC CSI: 0.526 Max Web CSI: 0.501	
Lumber		VV/VV L		_

	▲ Maximum Reactions (lbs)							
		G	ravity		No	n-Gra	vity	
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
0	Υ	1435	/-	/-	/763	/-	/308	
.	N	2246	/-	/-	/1365	/-	/-	
.	Z	290	/-	/-	/135	/79	/-	
	Wir	nd read	tions b	ased on N	/WFRS			
	Υ	Brg W	/id = 8.	0 Min F	Req = 1.7	(Trus	s)	
			/id = 4.	.0 Min F	Req = 2.7	•		
	Z	Brg V	/id = 10	0.0 Min F	Req = 1.5	(Trus	s)	
	Bea	arings '	Y, N, &	Z are a ri	gid surfac	e.		
	Mei	mbers	not liste	ed have fo	orces less	than	375#	
	Max	ximum	Top C	hord Fo	ces Per	Ply (lk	os)	
	Cho	ords T	ens.Co	omp. (Chords	Tens.	Comp.	
								_

161 - 561 F-G 248 - 1432 A - B G-H B - C 282 - 1061 248 - 1614 C-D 304 - 1370 H - I 244 - 1350 D-E 346 - 1324 849 - 107 F-F 247 - 1432

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

Top chord: 2x4 SP #2;

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

Rt Stub Wedge: 2x4 SP #3;

All plates are 5X6 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.

Additional Notes

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The overall height of this truss excluding overhang is 12-0-0.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	omp.	Chords	Tens. Comp.	
X - W	487	- 99	S - R	1409	0
U - T	1207	0	R-P	1205	0
T-S	1253	Ο			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	webs	Tens. Comp.	
A - Y	365 - 1416	E-S	473	0
A - X	1211 - 280	S - G	625	- 14
B - X	303 - 1023	H-P	67	- 781
B - W	1138 - 189	P - I	1082	- 28
W - C	215 - 1048	I - N	310	- 2153
W - U	1056 - 7	N - J	224	- 583



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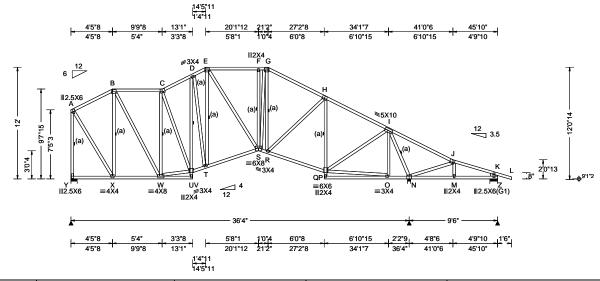
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 786525 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T74 FROM: CDM Qty: 1 DrwNo: 298.24.1045.45087 Hunter Truss Label: G07 KD / WHK 10/24/2024



Loading Criteria (psf	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.082 F 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.169 F 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.041 N	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.086 N	
NCBCLL: 10.00	Mean Height: 16.05 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.694	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.526	
Spacing: 24.0 "	C&C Dist a: 4.58 ft	Rep Fac: Yes	Max Web CSI: 0.500	
' '	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	
Lumber	•		•	_

▲ Maximum Reactions (lbs)						
Gravity			Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Υ	1436	/-	/-	/767	/-	/308
N	2243	/-	/-	/1367	/-	/-
Z	292	/-	/-	/136	/79	/-
Win	d read	tions bas	sed on M\	WFRS		
Υ	Brg V	/id = 8.0	Min Re	q = 1.7	(Truss	s)
N	Brg W	/id = 4.0	Min Re	q = 2.6	i	
Z	Brg V	/id = 10.0	0 Min Re	q = 1.5	(Truss	s)
Bearings Y, N, & Z 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. Ch	nords	Tens.	Comp.

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

Top chord: 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 5X6 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.

Additional Notes

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The overall height of this truss excluding overhang is 12-0-0.

Chords	Tens.Comp.	Chords	Tens. Comp.	
A - B	219 - 738	F-G	266 - 1433	
B - C	320 - 1083	G-H	267 - 1615	
C-D	345 - 1350	H - I	257 - 1352	
D-E	357 - 1307	I - J	843 - 106	

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
X - W	617	- 57	S-R	1410	0
U - T	1201	0	R-P	1207	0
T - S	1253	Λ			

Maximum Web Forces Per Ply (lbs)

265 - 1433

F-F

Webs	Tens.Comp.	Webs	Tens. (Comp.
A - Y	385 - 1403	E-S	474	0
A - X	1162 - 263	S - G	623	- 11
B - X	277 - 874	H - P	74	- 780
B - W	963 - 150	P - I	1079	- 36
W - C	169 - 1017	I - N	321	- 2149
W - U	1100 - 15	N - J	224	- 584



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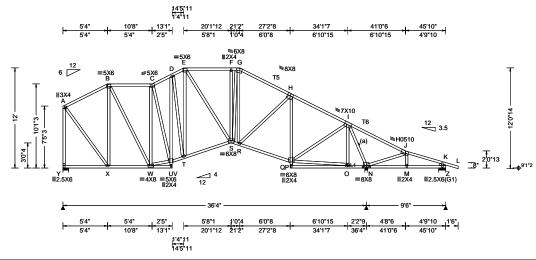
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SEQN: 786528 / SPEC Ply: 2 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T64 Qty: 1 FROM: CDM DrwNo: 298.24.1045.45322 Hunter Page 1 of 2 Truss Label: G08 KD / WHK 10/24/2024

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.035 S 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.183 S 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.019 N
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.101 N
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.848
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.497
Spacing: 24.0 "	C&C Dist a: 4.58 ft	Rep Fac: No	Max Web CSI: 0.814
	Loc. from endwall: not in 13.00 ft		
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.25	WAVE, HS	VIEW Ver: 23.02.04.0123.14
Lumbor		Durline	

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D.		-1	in	

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.

Bearing Block(s)

Brg blocks:0.131"x3", min. nails brg x-loc #blocks length/blk #nails/blk wall plate 2 36.167' 1 12" 7 Rigid Surfer Rigid Surface Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

▲ M	▲ Maximum Reactions (lbs)					
	Gravity Non-Gravity					
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Υ	2244	/-	/-	/787	/4	/261
N	7592	/-	/-	/2293	/8	/-
Z	92	/-189	/-	/134	/158	/-
Wir	nd read	tions ba	sed on N	MWFRS		
Υ	Brg V	/id = 8.0) Min F	Req = 1.5	(Truss	s)
N	Brg V	/id = 4.0) Min F	Req = -		
Z	Brg V	/id = 10	.0 Min F	Req = 1.5	(Truss	s)
Bea	Bearings Y, N, & Z are a rigid surface.					
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
Cho	ords T	ens.Co	np. (Chords	Tens.	Comp.

A - B B - C	117 - 660 161 - 978	F-G G-H		- 1657 - 2123
C-D	181 - 1245	H - I	145	- 2162
D-E	185 - 1275	I - J	1428	- 57
E-F	156 - 1655			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	omp.	Chords	Tens. C	omp.
X - W	563	- 45	S-R	1738	0
U - T	1130	0	R-P	1775	-9
T - S	1209	0	O - N	462	0
. •	00	•	•		•

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	I ens.	Comp.
A - Y	183 - 1101	E-S	943	0
A - X	939 - 122	H-P	38	- 1181
B - X	107 - 691	P-0	436	0
B - W	886 - 66	P-I	1459	- 45
W - C	65 - 1066	I - N	176	- 3712
W - U	1019 -4	N - J	128	- 863
C - U	416 0	1		

Special Loads

member

Nailnote

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

Rt Stub Wedge: 2x4 SP #3;

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @ 8.75" o.c. Bot Chord: 1 Row @12.00" o.c. Webs : 1 Row @ 4" o.c.

in each row to avoid splitting.

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)						
TC: From	62 plf at	0.00 to	62 plf at	5.33		
TC: From	61 plf at	5.33 to	61 plf at	10.67		
TC: From	62 plf at	10.67 to	62 plf at	21.17		
TC: From	362 plf at	21.17 to	362 plf at	41.03		
TC: From	61 plf at	41.03 to	61 plf at	47.33		
BC: From	20 plf at	0.00 to	20 plf at	13.08		
BC: From	21 plf at	13.08 to	21 plf at	27.21		
BC: From	20 plf at	27.21 to	20 plf at	45.83		
BC: From	4 plf at	45.83 to	4 plf at	47.33		

Top chord: 2x4 SP #2; T5,T6 2x4 SP M-31;

(a) Continuous lateral restraint equally spaced on

Use equal spacing between rows and stagger nails

Plating Notes

All plates are 3X4 except as noted.

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SEQN: 786528 / SPEC Ply: 2 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T64 FROM: CDM DrwNo: 298.24.1045.45322 Qty: 1 Hunter Page 2 of 2 Truss Label: G08 KD / WHK 10/24/2024

Additional Notes

Negative reaction(s) of -189# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions

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The overall height of this truss excluding overhang is



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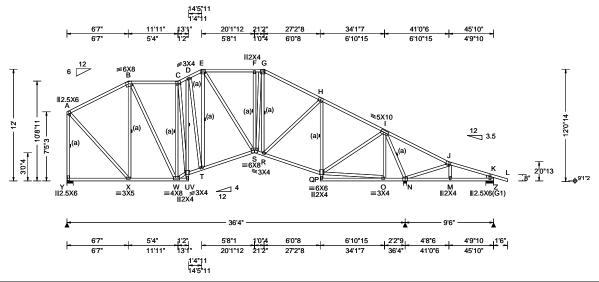
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SEQN: 786531 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T71 FROM: CDM Qty: 1 DrwNo: 298.24.1045.45575 Hunter Truss Label: G09 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.086 F 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.179 F 999 180	l١
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.048 N	١
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.102 N	Z
NCBCLL: 10.00	Mean Height: 16.05 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	٧
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.701	13
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.524	N
Spacing: 24.0 "	C&C Dist a: 4.58 ft	Rep Fac: Yes	Max Web CSI: 0.738	É
-	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		١ï
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	C
Lumbor	•	•	•	٠-

▲ M	▲ Maximum Reactions (lbs)						
	G	ravity		No	n-Gra	vity	
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Υ	1433	/-	/-	/770	/-	/308	
N	2259	/-	/-	/1378	/-	/-	
Z	286	/-7	/-	/130	/84	/-	
Wir	nd read	tions b	ased on N	/WFRS			
Υ	Brg V	/id = 8.	.0 Min F	Req = 1.7	(Trus	s)	
N	Brg V	/id = 4	.0 Min F	Req = 2.7	•		
Z	Brg V	/id = 10	0.0 Min F	Req = 1.5	(Trus	s)	
Bearings Y, N, & Z are a rigid surface.							
Members not listed have forces less than 375#							
Maximum Top Chord Forces Per Ply (lbs)							
			omp. (

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 5X6 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.

Additional Notes

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

The overall height of this truss excluding overhang is 12-0-0.

A - B	263 - 931	F-G	269 - 1424
B - C	334 - 1083	G - H	268 - 1605
C - D	371 - 1336	H - I	260 - 1337
D-E	354 - 1285	I - J	876 - 95
F-F	268 - 1424		

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Co	omp.
X - W	764	- 14	S-R	1400	0
J - T	1188	0	R-P	1193	0
T - S	1247	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	l ens.	Comp.
A - Y	367 - 1379	E-S	466	0
A - X	1126 - 236	S - G	621	-5
B - X	243 - 694	H - P	73	- 785
B - W	715 -88	P - I	1091	- 32
W - C	68 - 1301	I - N	313	- 2169
W - U	1299 0	N - J	225	- 582
C - U	494 0			



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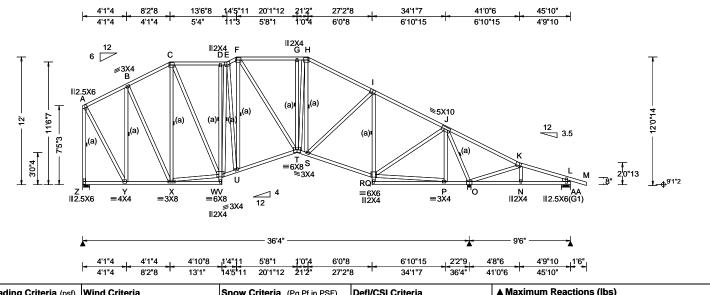
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.080 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.166 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.041 O
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 16.05 ft		HORZ(TL): 0.087 O
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.692
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.526
Spacing: 24.0 "	C&C Dist a: 4.58 ft	Rep Fac: Yes	Max Web CSI: 0.498
	Loc. from endwall: not in 13.00 ft		
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber			

Loc R+ /Rh /Rw /U /RL Z 1437 /-/777 /308 0 2234 /-/-/1373 /-/-/-AA 293 /136 /81 Wind reactions based on MWFRS Brg Wid = 8.0 Min Req = 1.7 (Truss) Brg Wid = 4.0 Min Req = 2.6 AA Brg Wid = 10.0 Min Req = 1.5 (Truss) Bearings Z, O, & AA 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.

Non-Gravity

Gravity

- 1432 181 - 679 271 B - C 324 - 977 G - H 272 - 1432 C-D 338 - 1133 H - I 263 - 1614 D-F 337 - 1132 1 - .1 264 - 1351 F-F 353 - 1270 J-K 832 - 97

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

Top chord: 2x4 SP #2;

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

Rt Stub Wedge: 2x4 SP #3;

All plates are 5X6 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.

Additional Notes

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The overall height of this truss excluding overhang is 12-0-0.

Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	rens.Comp.		Cnoras	Tens. Comp.		
Y - X	588	-72	T - S	1409	0	
V - U	1197	0	S-Q	1206	0	
U - T	1251	0				

Maximum Web Forces Per Ply (lbs) Webs

	4 4 CD3	rens.comp.		4 A CD3	i ciio.	s. Comp.	
	A - Z	334	- 1405	V - E	0	- 475	
	A - Y	1164	- 251	F-T	476	0	
	Y - B	264	- 929	T - H	624	0	
	B - X	561	- 76	I - Q	73	- 775	
	C - X	91	- 552	Q - J	1072	- 37	
	C - V	773	- 54	J - O	313	- 2139	
_	X - V	794	0	0 - K	225	- 584	



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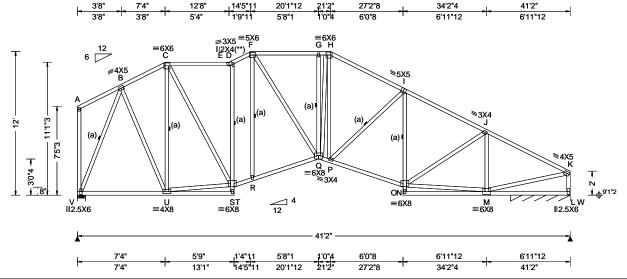
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SEQN: 786555 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T36 FROM: CDM Qty: 1 DrwNo: 298.24.1045.45197 Hunter Truss Label: G11 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.136 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.281 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.067 L
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.139 L
NCBCLL: 10.00	Mean Height: 16.93 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.775
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.646
Spacing: 24.0 "	C&C Dist a: 4.12 ft	Rep Fac: Yes	Max Web CSI: 0.796
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

Lumber

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

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.

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 12-0-0

IPG: NA						Ι.		
Pf: NA		Ce: NA	VERT(LL):	0.136	G	999	240	<u>L</u>
Lu: NA	Cs: NA		VERT(CL):					V
Snow Dura	ation: NA		HORZ(LL):	0.067	L	-	-	٧
			HORZ(TL):	0.139	L	-	-	٧
Building C	ode:		Creep Facto	or: 2.0				\
FBC 8th E	d. 2023 F	Res. HVHZ	Max TC CS	l: 0.	775			۷

	Gravity		Non-Gravity			
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
V 167	3 /-	/-	/874	/-	/268	
W* 346	/-	/-	/213	/-	/-	
Wind rea	actions b	ased on I	MWFRS			
V Brg Wid = 8.0 Min Req = 2.0 (Truss)						
W Brg Wid = 60.0 Min Req = -						
Bearings	s V & M a	are a rigid	I surface.			
Member	s not liste	ed have f	orces less	s than 3	75#	
Maximum Top Chord Forces Per Ply (lb					s)	
IVIAAIIIIU	шторс	,,,,,,,,,,,	ices rei			
			Chords		Ćomp.	
		omp.			Ćomp. - 1972	
Chords	Tens.Co	omp. 1123	Chords	Tens.		
Chords B - C	Tens.Co	omp. 1123 1490	Chords G - H	Tens. 376 394	- 1972	
Chords B - C C - D	338 - 376 -	omp. 1123 1490 1291	Chords G - H H - I	Tens. 376 394	- 1972 - 2218	
B - C C - D D - E	338 - 376 - 306 -	omp. 1123 1490 1291 1731	Chords G - H H - I I - J	Tens. 376 394 430	- 1972 - 2218 - 2253	

▲ Maximum Reactions (lbs), or *=PLF

Max	imum	Bot Chord	Forces	Per	Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
/ - U	614	- 47	Q-P	1989	- 15	
S - R	1520	- 71	P - N	2043	- 186	
R - Q	1583	- 46				

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
V - B	381 - 1640	F-Q	892	0
B - U	873 - 127	Q-H	595	0
C - U	183 - 782	N - M	1689	- 261
C-S	1099 -87	J - M	167	- 669
U - S	935 0	M - K	1778	- 257
F-S	214 - 1064	K-I	312	- 1483



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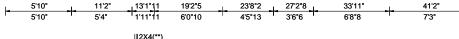
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

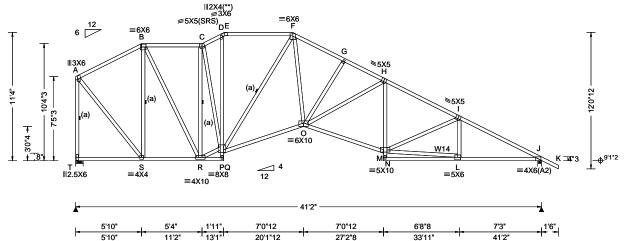
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SEQN: 786586 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T41 FROM: CDM DrwNo: 298.24.1045.45356 Qty: 1 Hunter Truss Label: G12 KD / WHK 10/24/2024





	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)	
	TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.213 O 999 240	Loc R+ /R- /Rh /	Rw /U /RL
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.437 O 999 180	T 1691 /- /- /9	904 /- /304
- 1		Diels Cotemany II	Snow Duration: NA	HORZ(LL): 0.107 J	1. 1001 / /	1161 /19 /-
- 1	Des Ld: 40.00	EXP: C Kzt: NA	Onon Duranom For	HORZ(TL): 0.219 J	Wind reactions based on MWF	
- 1	NCBCLL: 10.00	Mean Height: 15.32 ft	Building Code:	Creep Factor: 2.0		= 2.0 (Truss)
- 1	Soffit: 2.00	TCDL: 5.0 psr		Max TC CSI: 0.654	J Brg Wid = 4.0 Min Req	= 2.1 (Truss)
- 1	Load Duration: 1.25	BCDL: 5.0 psr	TPI Std: 2014	Max BC CSI: 0.873	Bearings T & J are a rigid surfa	ace.
- 1		INIVERS Farallel Dist. II to 211	Rep Fac: Yes	Max Web CSI: 0.842	Members not listed have forces	
	Spacing: 24.0 "	OGO DISCA. 7. 12 IC	·	Max 1105 001. 0.012	Maximum Top Chord Forces	Per Ply (lbs)
		Loc. from endwall: not in 13.00 ft			Chords Tens.Comp. Chor	rds Tens. Comp
١			Plate Type(s):		A D 004 4000 E 6	004 004
		Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	A - B 264 - 1038 F - G	
ı	Lumbar	•	•	•	^J B-C 357-1365 G-⊢	-l 378 - 276

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

Webs: 2x4 SP #3; W14 2x4 SP #2;

(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.

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

The overall height of this truss excluding overhang is

402 - 1715

299 - 1430

358 - 1509

C-D

D-E

E - F

			Chords	Tens. Comp.		
S-R	869	0	O - M	2674	- 185	
P - O	2216	Ο	11	2758	- 317	

378 - 2764

479 - 3179

- 2648

457 - 2912

H - I

Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	webs	rens.	Comp.
A - T	392 - 1644	C-P	604	0
A - S	1371 - 268	D - P	514	- 244
B - S	271 - 935	P-F	61	- 1131
B - R	1081 - 154	F-0	1791	- 166
R-C	133 - 1562	M - L	2672	- 303
R-P	1530 0			



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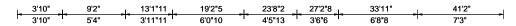
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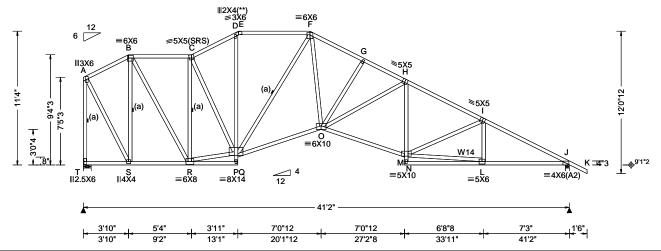
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SEQN: 786588 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T45 FROM: CDM DrwNo: 298.24.1045.45103 Qty: 1 Hunter Truss Label: G13 KD / WHK 10/24/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.210 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.432 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.102 J
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.210 J
NCBCLL: 10.00	Mean Height: 15.32 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.654
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.872
Spacing: 24.0 "	C&C Dist a: 4.12 ft	Rep Fac: Yes	Max Web CSI: 0.847
'	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W14 2x4 SP #2;

(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.

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

The overall height of this truss excluding overhang is

Pf: NA Ce: NA	VERT(LL):	0.210 G	999	240	
Lu: NA Cs: NA	VERT(CL):	0.432 G	999	180	
	HORZ(LL):			-	١,
	HORZ(TL):	0.210 J	-	-	١
Building Code:	Creep Facto	or: 2.0			

▲ Maximum Reactions (lbs)							
		Gravity		No	n-Grav	/ity	
)	Loc R-	- / R-	/ Rh	/ Rw	/ U	/ RL	
)	T 169	1 /-	/-	/907	/-	/304	
	J 180	4 /-	/-	/1158	/13	/-	
	Wind re	actions b	ased on I	MWFRS			
	T Brg	Wid = 8	.0 Min	Req = 2.0	(Truss	s)	
				Req = 2.1	(Truss	s)	
	Bearing	sT&Ja	re a rigid	surface.			
	Membe	rs not list	ed have f	orces less	than 3	375#	
	Maximu	ım Top (Chord Fo	rces Per	Ply (lb:	s)	
	Chords	Tens.Co	omp.	Chords	Tens.	Comp.	
_	A - B	210	- 787	F-G	379	- 2648	
	B-C		-	G-H	370	- 2764	
	C - D	369 -	1734	H-I	455	- 2912	
	D-E	306 -	1427	I - J	474	- 3179	
	F-F	363 -	1503				

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	omp.	Chords	Tens. Comp.		
S-R	668	- 36	O - M	2674	- 180	
P - O	2218	0	L - J	2758	- 313	

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.		
A - T	407 - 1664	R - P	1370	0	
A - S	1409 - 297	D - P	460	- 159	
B-S	312 - 1138	P-F	58	- 1143	
B - R	1326 - 211	F-0	1808	- 159	
R-C	221 - 1363	M - L	2672	- 299	



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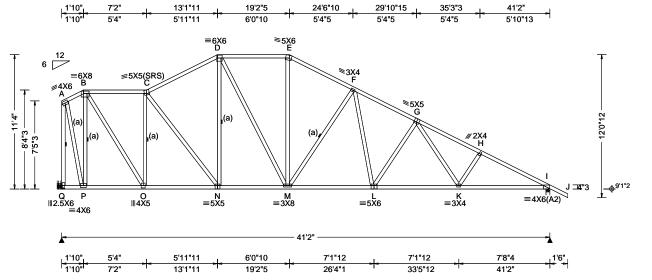
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SEQN: 786577 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T38 FROM: CDM DrwNo: 298.24.1045.45589 Qty: 1 Hunter Truss Label: G14 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ī
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.163 L 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.334 L 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.056 I	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.115 I	
NCBCLL: 10.00	Mean Height: 15.32 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.457	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.801	
Spacing: 24.0 "	C&C Dist a: 4.12 ft	Rep Fac: Yes	Max Web CSI: 0.603	
-	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		4
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	1
Lauraban				_

Lumber

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

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

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

	▲ Ma	aximu	ım Rea	ctions	(lbs)		
		G	ravity		1	Non-Gra	vity
)	Loc	R+	/ R-	/ Rh	/ Rw	/ /U	/ RL
)	Q ·	1686	/-	/-	/902	2 /6	/304
	1	1803	/-	/-	/114	8 /11	/-
	Wind	d read	tions b	ased o	n MWFRS	3	
	Q	Brg V	Vid = -	Mi	n Req = -		
	1	Brg V	Vid = 4	.0 Mi	n Req = 2	2.1 (Trus	s)
	Bear	ring I i	is a rigi	d surfa	ce.	•	•
	Men	bers	not list	ed have	e forces le	ss than	375#
	Max	imum	Top (hord F	orces Pe	er Ply (lk	os)
	Cho	rds T	ens.Co	omp.	Chords	Tens.	Comp.
	A - E	,	108	420	E-F	364	- 1830
	B-0	_			F-G	433	
			-		-		
	C - E)	328 -	1629	G-H	492	- 3032

371 - 1574

D-E

Chords	Tens.C	comp.	Chords	Tens. Comp.		
P-0	438	- 126	M - L	2007	-73	
O - N	1261	0	L-K	2421	- 201	
N - M	1384	0	K-I	2796	- 334	

H - I

481 - 3208

Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	webs	Tens. (Jomp.
A - Q	380 - 1673	M - E	470	- 143
A - P	1513 - 336	M - F	300	- 789
B - P	365 - 1400	F-L	613	- 102
B - O	1582 - 277	L-G	203	- 533
O-C	295 - 1220	G - K	438	-80
D - M	403 - 111			



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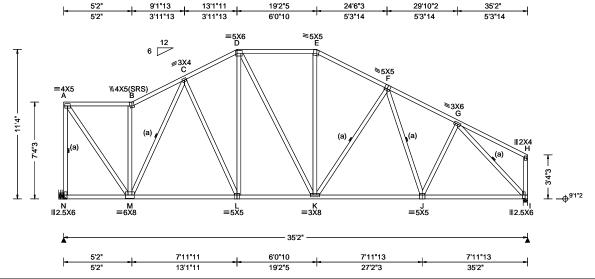
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SEQN: 786571 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T40 FROM: CDM DrwNo: 298.24.1045.44868 Qty: 1 Hunter Truss Label: G15 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 17.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.52 ft Loc. from endwall: not in 9.00 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.057 K 999 240 VERT(CL): 0.118 K 999 180 HORZ(LL): 0.028 I HORZ(TL): 0.057 I Creep Factor: 2.0 Max TC CSI: 0.436 Max BC CSI: 0.719 Max Web CSI: 0.753
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 23.02.04.0123.14

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

ectic	onin loc L	/defl	L/#		G	ravity		INC	on-Grav	νıιy
	0.057 K			Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/
Ĺ):	0.118 K	999	180	N	1447	/-	/-	/749	/175	/:
L):	0.028 I	-	-	1	1447	/-	/-	/851	/145	/
L):	0.057 I	-	-	Wii	nd read	tions b	ased on N	IWFRS		
acto	or: 2.0			N			Min F			
CSI	: 0.436			1	Brg V	Vid = 4	.0 Min F	Req = 1.7	7 (Truss	3)

Bearing I is a rigid surface.

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

▲ Maximum Reactions (lbs)

A-B B-C	177 - 909	D-E	305 - 11	63
JB-C	268 - 1093	E-F	285 - 13	71
C - D	279 - 1278	F-G	288 - 15	05

Non-Gravity /Rw /U

> /145 /-

> > 1162

- 145

/175 /212

/RL

Maximum Bot Chord Forces Per Ply (lbs) Tens. Comp. Chords Tens.Comp. Chords M - L 1082 1296 - 95

J - I

0

1098

L - K

Maximum web Forces Per Ply (lbs)									
Webs	Tens.Comp.	Webs	Tens. Comp						
A - N	371 - 1414	M - C	21 - 38:	2					
A - M	1566 - 305	G - I	211 - 168	3					
M - B	3/17 - 770								



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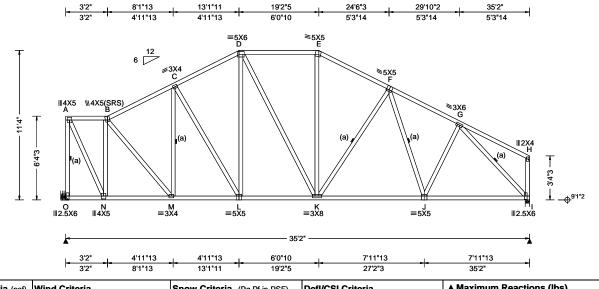
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SEQN: 786574 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T13 FROM: CDM DrwNo: 298.24.1045.45308 Qty: 1 Hunter Truss Label: G16 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.058 K 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.120 K 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.028 I
Des Ld: 40.00 NCBCLL: 10.00 Soffii: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 17.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.52 ft Loc. from endwall: not in 9.00 ft	Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	HORZ(TL): 0.058 I Creep Factor: 2.0 Max TC CSI: 0.380 Max BC CSI: 0.714 Max Web CSI: 0.911
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
I complete			

Lumber

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

Si Criteria				A IV	naximi	um Ke	actions	(ibs)		
flectio	on in loc L	/defl	L/#		(Gravity		N	on-Grav	∕ity
(LL):	0.058 K	999	240	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
(CL):	0.120 K	999	180	0	1447	<i>'</i> /-	/-	/761	/166	/212
(LL):	0.028 I	-	-	1	1447	<i>'</i> /-	/-	/845	/151	/-
(TL):	0.058 I	-	-	Wir	nd rea	ctions b	oased on	MWFRS		
Facto	or: 2.0			0	Brg \	Wid = -	Min	Req = -		
c cs	: 0.380			1	Brg \	Wid = 4	.0 Min	Req = 1.	7 (Truss	s)
c cs				Bea	aring I	is a rig	id surfac	e.		
	SI: 0.911			Members not listed have forces less than 375#						
eb C	01. 0.311			Maximum Top Chord Forces Per Ply (lbs)						
				Cho	ords	Tens.C	omp.	Chords	Tens.	Comp.
				Α-	D	116	- 643	D =	305	- 1164
ver: 2	23.02.04.0	123.14	ŀ	JĜΞ			- 0 -1 5 - 1266	E-F	286	- 1372
				_	~	-20			200	.012

C - D

Maximum Bot Chord Forces Per Ply (lbs)									
Chords Tens.Comp.		Chords	Tens. Comp.						
N - M	704	- 57	K-J	1296	- 96				
M - L	1084	- 61	J - I	1161	- 146				
L-K	1095	0							

277 - 1293

289 - 1505

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. A - O 309 - 1426 B - M 592 - 36 A - N 1498 - 269 G - I 213 - 1683 N - B 289 - 1272



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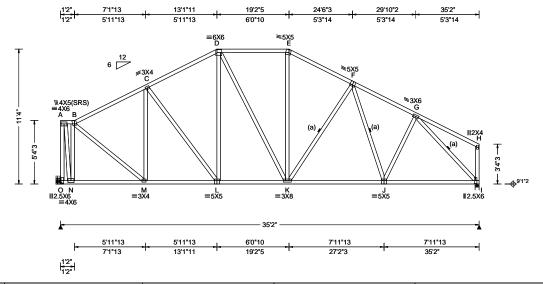
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SEQN: 786568 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T17 FROM: CDM Qty: 1 DrwNo: 298.24.1045.45542 Hunter Truss Label: G17 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.058 K 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.119 K 999 180
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.028 I
Dec I d: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.057 I
NCBCLL: 10.00	Mean Height: 17.19 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.417
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.715
Spacing: 24.0 "	C&C Dist a: 3.52 ft	Rep Fac: Yes	Max Web CSI: 0.732
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

	Wind Duration: 1.6
Lumber	

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

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

	▲ Maxir	num Rea	actions (I	bs)								
		Gravity		Non-Gravity								
0	Loc R+	· /R-	/ Rh	/ Rw	/ U	/ RL	_					
0	O 144	7 /-	/-	/787	/158	/212						
	I 144	7 /-	/-	/842	/157	/-						
	Wind reactions based on MWFRS											
	O Brg	Wid = -	Min I	Req = -								
	I Brg	Wid = 4	.0 Min I	Req = 1.7	7 (Truss	s)						
	Bearing	I is a rigi	d surface									
	Membei	s not list	ed have fo	orces less	s than 3	375#						
	Maximu	ım Top (Chord Fo	rces Per	Ply (lb:	s)						
	Chords	Tens.Co	omp.	Chords	Tens.	Comp.						
-	B-C	211 -	1249	F.F	290	- 1371						
	C-D			F-G	292	- 1505						
	-			_		.000						

Maximum Bot Chord Forces Per Ply (lbs)									
Chords	Tens.Comp.		Chords	Tens. Comp.					
M - L	1063	- 79	K-J	1296	- 100				
I - K	1007	Λ	1.1	1161	- 1/18				

309 - 1163

D-E

Maximum Web Forces Per Ply (lbs)						
Webs	Tens.Comp.	Webs	Tens. (Comp.		
A - O	213 - 1440	B - M	938	- 93		
A - N	1510 - 250	M - C	124	- 474		
N - B	319 - 1430	G-I	216	- 1683		



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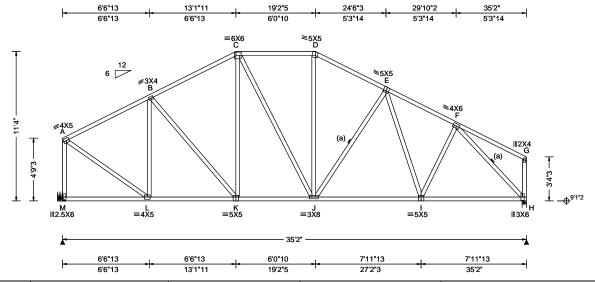
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SEQN: 786560 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T49 FROM: CDM Qty: 4 DrwNo: 298.24.1045.44821 Hunter Truss Label: G18 KD / WHK 10/24/2024



TCLL: 20.00 Wind Std: ASCE 7-22 Pg: NA Ct: NA CA TCDL: 10.00 Speed: 130 mph Pf: NA Ce BCLL: 0.00 Enclosure: Closed Lu: NA Cs: NA BCDL: 10.00 EXP: C Kzt: NA Snow Duration: NA Des Ld: 40.00 Mean Height: 17.19 ft TCDL: 5.0 psf Soffit: 2.00 BCDL: 5.0 psf FBC 8th Ed. 2023 Res.	AT: NA PP Deflection in loc L/defl L/# v: NA VERT(LL): 0.076 J 999 240 VERT(CL): 0.135 J 999 180
Load Duration: 1.25	HORZ(LL): 0.038 H HORZ(TL): 0.066 H Creep Factor: 2.0 HVHZ Max TC CSI: 0.754 Max BC CSI: 0.893 Max Web CSI: 0.727

Lumber

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

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(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.

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.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 11-4-0.

Maximum Bot Chord Forces Per Ply (lbs)

▲ Maximum Reactions (lbs) Gravity

/Rh

/-

Wind reactions based on MWFRS

374 - 1465

482 - 1601

515 - 1423

/R

Loc R+

B - C

C-D

1693 /-

M Brg Wid = -

Brg Wid = 4.0

Chords Tens.Comp.

Bearing H is a rigid surface.

1732 /-

Chords	Tens.Comp.		Chords	Tens. (Comp.
L-K K-J		- 195 - 73	J - I I - H	1581 1410	

Non-Gravity

/154

Tens. Comp.

508 - 1661

534 - 1845

/160 /-

/RL

/212

/Rw /U

/803

/840

Min Req = 2.0 (Truss)

Chords

Min Reg = -

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

Maximum Web Forces Per Plv (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - M	435 - 1650	I-F	395 0
A - L	1515 - 304	F-H	451 - 2043
L-B	250 - 617		



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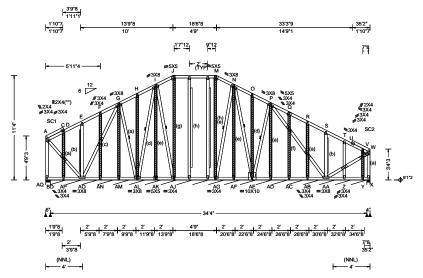
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SEQN: 786601 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T47 Qty: 1 FROM: CDM DrwNo: 298.24.1045.44806 Hunter Page 1 of 2 Truss Label: G19 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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 U 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 U 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.007 U
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 U
NCBCLL: 10.00	Mean Height: 16.27 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.071
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.046
Spacing: 24.0 "	C&C Dist a: 3.52 ft	Rep Fac: Yes	Max Web CSI: 0.977
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

Gravity Loc R+ /R- /		NI-		
Loc R+ /R- /		NO	n-Grav	ity
	'Rh	/Rw	/ U	/ RL
AQ 69 /- /-	<u>'-</u>	/126	/65	/216
BD*81 /- /-	<u>'-</u>	/43	/18	/-
X 52 /- /-	<u>'</u> _	/60	/17	/-
Wind reactions base	d on MV	/FRS		
AQ Brg Wid = 6.0	Min Red	q = 1.5	(Truss)
BD Brg Wid = 412	Min Red	i = -	•	
X Brg Wid = 4.0	Min Red	q = 1.5	(Truss)
Bearings AQ, BD, &	X are a r	igid su	rface.	
Members not listed h		_		75#

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;

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

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 member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types. Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/282.

Additional Notes

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

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

The overall height of this truss excluding overhang is 11-4-0.



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SEQN: 786601 / GABL Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T47 Ply: 1 DrwNo: 298.24.1045.44806 FROM: CDM Qty: 1 Page 2 of 2 Truss Label: G19 KD / WHK 10/24/2024

Gable Reinforcement

(a) 2x3 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.

(b) 1x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(c) 2x4 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.

(d) 2x3 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each

(e) 2x4 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131 "x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.

(f) 2x6 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus

(2)10d (0.131"x3",min.) nails in each chord.
(g) 2x4 SP/DF #2 or better "T" reinforcement. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.

(h) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.



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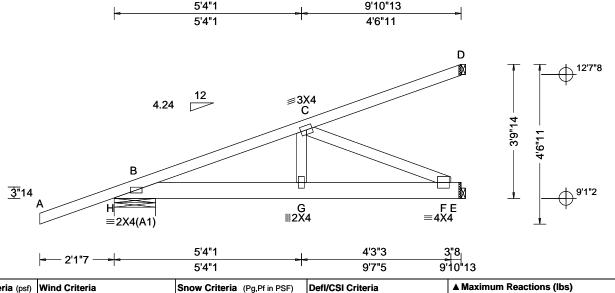
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SEQN: 782188 / HIP_ Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 FROM: CDM DrwNo: 298.24.1045.42968 Qty: 1 Hunter Truss Label: HJ03 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ī
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00	Wind Criteria Wind Std: ASCE 7-22 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	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ	Defl/CSI Criteria	
Load Duration: 1.25 Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: NA GCpi: 0.18 Wind Duration: 1.60	TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max BC CSI: 0.295 Max Web CSI: 0.323 VIEW Ver: 23.02.04.0123.14	

Top chord: 2x4 SP #2; Bot chord: 2x6 SP #2; 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.

The overall height of this truss excluding overhang is

Loc R+ Н 467 Е 374 242 Wind reactions based on MWFRS Brg Wid = 14.1 Min Req = 1.5 (Truss) Brg Wid = 1.5 Brg Wid = 1.5 Bearing H is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. B - C 131 - 731

Gravity

/-

/-

/Rh

/-

/0

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - G 674 - 118 G-F 668 - 122

Min Req = -

Min Req = -

Non-Gravity

/95 /-

/14 /-/-

/93

/RL

/Rw /U

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

C-F 134 - 732



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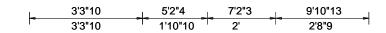
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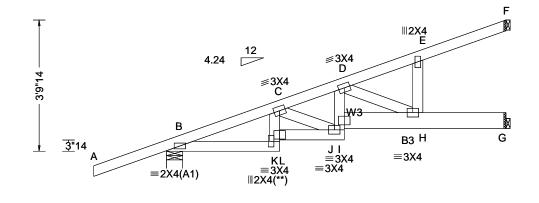


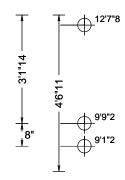
SEQN: 770625 / HIP_ Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T34 / FROM: CDM DrwNo: 298.24.1045.42748 Qty: 1 Hunter Truss Label: HJ04 GA / DF 10/24/2024



1'10"10

5'2"4





Non-Gravity

-810

137

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.111 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.222 E 527 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.037 E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.074 E
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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.553
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.947
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.758
	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

3'3"10

3'3"10

0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	В	461	/-	/-	/-	/97	/-
	G	387	/-	/-	/-	/36	/-
	F	234	/-	/-	/-	/70	/-
	Wir	nd read	tions bas	sed on I	MWFRS		
	В	Brg V	Vid = 5.7	Min I	Req = 1.5	(Truss	s)
	G		Vid = 1.5				
	F	Brg V	Vid = 1.5	Min I	Req = -		
	Bea	aring B	is a rigio	l surfac	e.		
	Mei	mbers	not listed	l have f	orces less	than 3	375#
	Max	kimum	Top Ch	ord Fo	rces Per	Ply (lb:	s)
	Cho	ords T	ens.Con	np.	Chords	Tens.	Comp.

▲ Maximum Reactions (lbs) Gravity

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; B3 2x6 SP #2; Webs: 2x4 SP #3; W3 2x4 SP #2;

Plating Notes

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

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.

Additional Notes

The overall height of this truss excluding overhang is 3-9-14.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (Comp.	
B-L	603	- 91	I-H	937	- 161	
K-J	828	- 128				

C-D

Maximum Web Forces Per Ply (lbs)

106 - 671

4 A CD3	rens.comp.
D - H	174 - 1010

B - C



2'8"9

9'10"13

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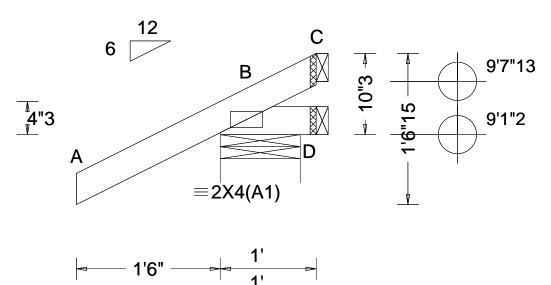
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 770593 / JACK Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T25 / FROM: CDM Qty: 2 DrwNo: 298.24.1045.43455 Hunter Truss Label: J01 GA / DF 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-22	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): NA	!
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	ı
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B	ı
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B	(
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	١
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.243	١:
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.034	ľ
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	lì
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)		١
	GCpi: 0.18	Plate Type(s):		Ι.
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	
Lumber				

		iravity	ctions (II	•	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	254	/-	/-	/202	/70	/38
D	4	/-18	/-	/16	/16	/-
С	-	/-53	/-	/34	/51	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 10).0 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	. = eq	•	•
С	Brg V	Vid = 1.	5 Min F	?eq = -		
Bea	ıring B	is a rig	id surface).).		
Mer	nbers	not liste	ed have fo	orces les	s 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.

Additional Notes

The overall height of this truss excluding overhang is 0-10-3.



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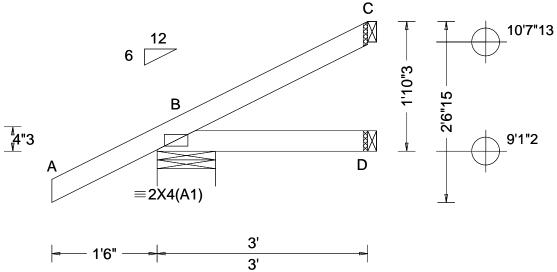
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SEQN: 770595 / JACK Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T24 / FROM: CDM Qty: 2 DrwNo: 298.24.1045.42936 Hunter Truss Label: J02 GA / DF 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ī
	Wind Std: ASCE 7-22 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: not in 4.50 ft 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 8th Ed. 2023 Res. HVHZ 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 B HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.205 Max BC CSI: 0.064 Max Web CSI: 0.000	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	
Lumber				

Gravity				No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	262	/-	/-	/190	/42	/74
D	49	/-	/-	/26	/-	/-
С	62	/-	/-	/36	/34	/-
Win	d read	ctions b	ased on N	MWFRS		
В	Brg V	Vid = 10	0.0 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	?eq = -	•	•
С	Brg V	Vid = 1.	5 Min F	?eq = -		
Bea	ring B	is a riq	id surface).).		
	_	_	ed have fo		s 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.

Additional Notes

The overall height of this truss excluding overhang is 1-10-3.



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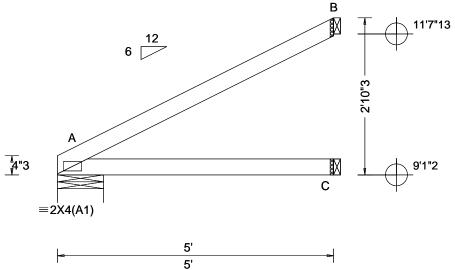
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 782184 / JACK Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T8 / FROM: CDM Qty: 1 DrwNo: 298.24.1045.44100 Hunter Truss Label: J03 GA / DF 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-22 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: not in 4.50 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defi/CSI Criteria
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 23.02.04.0123.14
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 212 /136 /13 /89 93 /-/55 137 /88 /68 Wind reactions based on MWFRS Brg Wid = 10.0 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.

Additional Notes

The overall height of this truss excluding overhang is 2-10-3.



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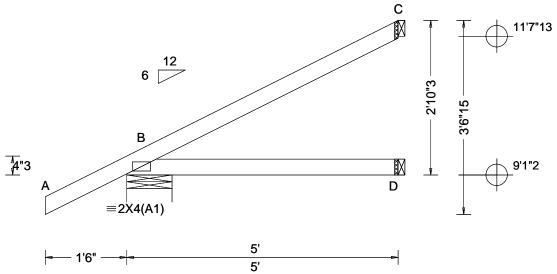
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 782344 / JACK Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T23 / FROM: CDM Qty: 1 DrwNo: 298.24.1045.42763 Hunter Truss Label: J04 GA / DF 10/24/2024



Defl/CSI Criteria

Loading Criteria (psi)	Willia Criteria	Show Chiteria (Pg,Phin PSF)	Deli/Coi Ciliteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.004 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.317
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.233
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber			

Snow Criteria (Pa Pf in PSE)

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 331 /-/231 /109 D 89 /-/48 /-127 /79 /65 Wind reactions based on MWFRS Brg Wid = 10.0 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;

Loading Criteria (nef) Wind Criteria

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-10-3.



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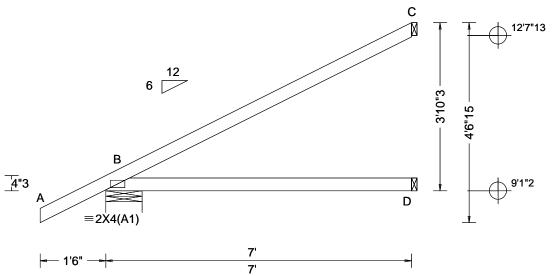
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SEQN: 782186 / **EJAC** Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T30 / FROM: CDM Qty: 12 DrwNo: 298.24.1045.43219 Hunter Truss Label: J05 GA / DF 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.014 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.028 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 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.713
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.512
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber			

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 408 /279 /145 129 /-/-/73 /118 187 Wind reactions based on MWFRS Brg Wid = 10.0 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.

Additional Notes

The overall height of this truss excluding overhang is 3-10-3.



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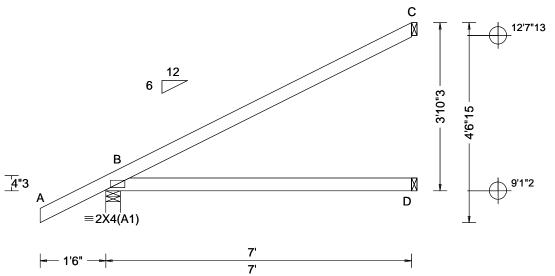
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SEQN: 782346 / **EJAC** Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T31 / FROM: CDM Qty: 1 DrwNo: 298.24.1045.42998 Hunter Truss Label: J06 GA / DF 10/24/2024



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 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft 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 8th Ed. 2023 Res. HVHZ 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): NA VERT(CL): NA HORZ(LL): 0.014 B HORZ(TL): 0.028 B Creep Factor: 2.0 Max TC CSI: 0.713 Max BC CSI: 0.512 Max Web CSI: 0.000
	GCpi: 0.18 Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

Gravity Loc R+ /R- /Rh		on-Gra	vitv.
Loc R+ /R- /Rh	/ Dw		vity
	/ IXW	/ U	/ RL
B 408 /- /-	/279	/6	/104
D 129 /- /-	/73	/-	/-
C 187 /- /-	/118	/59	/-
Wind reactions based on I	MWFRS		
B Brg Wid = 4.0 Min I	Req = 1.5	(Trus	s)
D Brg Wid = 1.5 Min I	Reg = -	•	•
C Brg Wid = 1.5 Min I			
Bearing B is a rigid surface	э. Э.		
Members not listed have for		s than	375#
Members not listed have for	orces less	s 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.

Additional Notes

The overall height of this truss excluding overhang is 3-10-3.



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

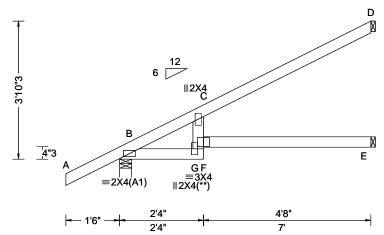
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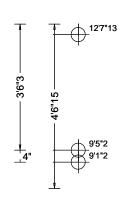
For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 770611 / **EJAC** Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T22 / FROM: CDM Qty: 1 DrwNo: 298.24.1045.43329 Hunter Truss Label: J07 GA / DF 10/24/2024







Loading Criteria (psf) Wind Criteria	0		
	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	١.
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: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VPRT(LL): 0.168 F 488 240 VERT(CL): 0.335 F 245 180 HORZ(LL): 0.090 C HORZ(TL): 0.179 C Creep Factor: 2.0 Max TC CSI: 0.915 Max BC CSI: 0.332 Max Web CSI: 0.236	

	▲ N	laxim	um Rea	actions (Ik	os)			
		G	avity		No	on-Gra	vity	
10	Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
80	В	408	/-	/-	/279	/47	/145	
-	Е	105		/-	/59	/-	/-	
-	D	204	/-	/-	/132	/92	/-	
	Wir	nd read	ctions b	ased on N	MWFRS			
	В	Brg V	Vid = 4	.0 Min F	Req = 1.5	(Trus	s)	
	Ε	Brg V	Vid = 1	.5 Min F	Req = -	-	•	
	D	Brg V	Vid = 1	.5 Min F	Req = -			
	Bea	aring B	is a rig	gid surface) <u>.</u>			
	Ме	mbers	not list	ed have fo	rces les	s than	375#	
	l							

Lumber

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

Plating Notes

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

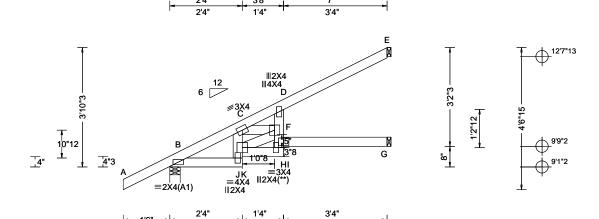
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Detailis, 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: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 770609 / **EJAC** Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T27 / FROM: CDM Qty: 3 DrwNo: 298.24.1045.42575 Hunter Truss Label: J08 GA / DF 10/24/2024



3'8" 1'0"8

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.165 H 497 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.329 H 250 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.085 D	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.170 D	
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	1
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.688	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.213	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.521	
-	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	
1				_

- 2'4" ----

	▲ M	axim	um Rea	ctions	(lbs)			
		G	avity		N	on-Gra	vity	
o	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
o	В	408	/-	/-	/270	/47	/145	
			/- /-	/- /-		/ -		
.	-	212		, /-		/85		
	Win	d read	ctions b	ased or	n MWFRS			
	В	Brg V	Vid = 4.	0 Mii	n Req = 1.	5 (Trus	s)	
					n Req = -			
	E	Brg V	Vid = 1.	5 Mii	n Req = -			
	Bea	ring B	is a rig	id surfa	ace.			
	Men	nbers	not liste	ed have	forces les	s than :	375#	
	Max	imun	n Web I	Forces	Per Ply (II	os)		
	Web	os 7	Tens.Co	mp.	Webs	Ťens.	Comp.	
	.J - F		421	- 282	C-F	307	- 454	
						٠.		

Lumber

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

Plating Notes

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is



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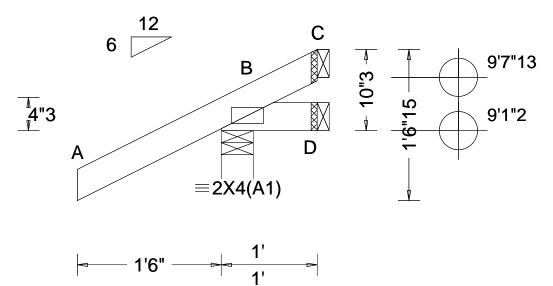
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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SEQN: 770599 / JACK Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T29 / FROM: CDM Qty: 2 DrwNo: 298.24.1045.42890 Hunter Truss Label: J09 GA / DF 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.243
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.034
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: 23.02.04.0123.14
Lumber		•	

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В /-/202 /70 /38 D /-18 /-/16 /16 /-4 /-53 /34 Wind reactions based on MWFRS Brg Wid = 4.0 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.

Additional Notes

The overall height of this truss excluding overhang is 0-10-3.



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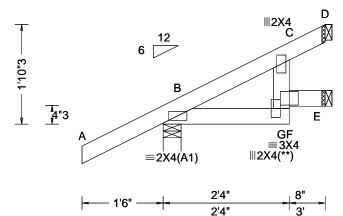
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI.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

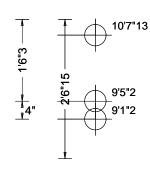
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SEQN: 770601 / JACK Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T21 / FROM: CDM Qty: 2 DrwNo: 298.24.1045.42779 Hunter Truss Label: J10 GA / DF 10/24/2024







Loading Criteria (osf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.005 F 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 C
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.205
Load Duration: 1.2		TPI Std: 2014	Max BC CSI: 0.043
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.030
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

▲ Maximum Reactions (lbs)								
		G	avity	No	on-Gra	vity		
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
)	В	262	/-	/-	/190	/42	/74	
	Е	20	/-	/-	/12	/-	/-	
	D	72	/-	/-	/46	/25	/-	
	Wind reactions based on MWFRS							
	В			.0 Min F		(Trus	s)	
	Ε	Brg \	Vid = 1	.5 Min F	Req = -	-	•	
	D	Brg \	Vid = 1	.5 Min F	Req = -			
	Bearing B is a rigid surface.							
	Mer	nbers	not list	ed have fo	rces les	s than	375#	

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

Plating Notes

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is



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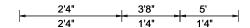
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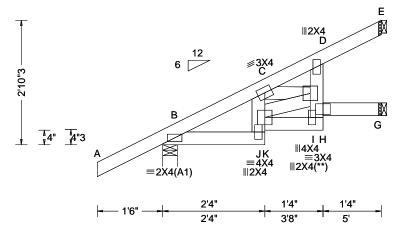
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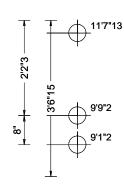
For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 770606 / JACK Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T33 / FROM: CDM DrwNo: 298.24.1045.43014 Qty: 2 Hunter Truss Label: J11 GA / DF 10/24/2024







Defl/CSI Criteria Color					_
TCDL: 10.00 Speed: 130 mph Pf: NA Ce: NA VERT(LL): 0.024 H 999 240	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 7-22 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: not in 4.50 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	PP Deflection in loc L/defl L/# VERT(LL): 0.024 H 999 240 VERT(CL): 0.048 H 999 180 HORZ(LL): 0.012 D HORZ(TL): 0.024 D Creep Factor: 2.0 Max TC CSI: 0.288 Max BC CSI: 0.066 Max Web CSI: 0.278	

▲ Maximum Reactions (lbs)							
	G	ravity		No	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
в :	331	/-	/-	/231	/44	/109	
G :	39	/-	/-	/24	/-	/-	
Ε .	152	/-	/-	/103	/54	/-	
Wind	d read	tions b	ased on N	/WFRS			
В	Brg V	Vid = 4.	.0 Min F	Req = 1.5	(Trus	s)	
G	Brg V	Vid = 1.	.5 Min F	. = eq	•	•	
			.5 Min F				
Bearing B is a rigid surface.							
Members not listed have forces less than 375#							

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

Plating Notes

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is



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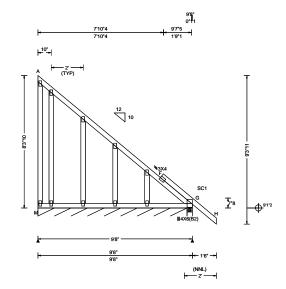
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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

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



SEQN: 782647 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 Т3 FROM: CDM DrwNo: 298.24.1045.44727 Qty: 1 Hunter Truss Label: J12 KD / WHK 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 F 999 240	Loc R+ /R- /Rh /Rw /U /RL
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 F 999 180	M* 72 /- /- /64 /31 /34
10.00 I	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.006 B	G 270 /- /- /146 /- /-
Dec 1 d · 40 00	EXP: C Kzt: NA		HORZ(TL): 0.008 B	Wind reactions based on MWFRS
INCECTT 40 00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	M Brg Wid = 111 Min Req = -
0-46.4	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.236	G Brg Wid = 4.0 Min Req = 1.5 (Truss)
	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.058	Bearings M & G are a rigid surface.
		Rep Fac: Yes	Max Web CSI: 0.107	Members not listed have forces less than 375#
1	Cac Dist a. 5.00 it	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs)
	,			Chords Tens.Comp. Chords Tens. Comp.
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	A - F 153 - 578 F - G 177 - 664

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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.

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.

The overall height of this truss excluding overhang is

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

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

M - G 701 - 161



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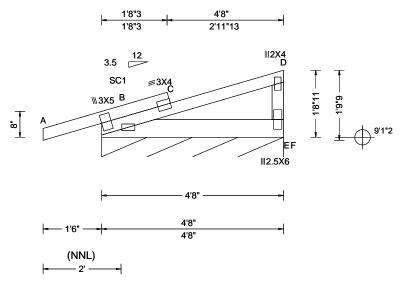
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI.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

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TP1 1 Sec. 2.

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



SEQN: 782334 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T14 / FROM: CDM Qty: 1 DrwNo: 298.24.1045.44351 Hunter Truss Label: J13 GA / DF 10/24/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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): 0.010 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.019 C 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 C
Des Ld: 40.00 NCBCLL: 10.00	EXP: C Kzt: NA Mean Height: 15.00 ft	Building Code:	HORZ(TL): 0.006 C Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014	Max TC CSI: 0.223 Max BC CSI: 0.108
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Max Web CSI: 0.089
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14
Lumber			

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL F* 102 /-/-/13 Wind reactions based on MWFRS Brg Wid = 56.0 Min Req = Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP #2; Webs: 2x4 SP #3;

Stack Chord: SC1 2x4 SP #2;

Plating Notes

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

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

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.

The overall height of this truss excluding overhang is



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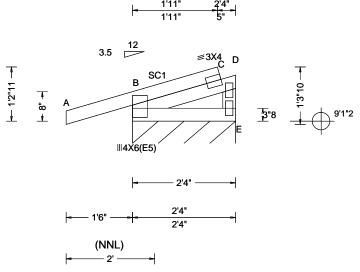
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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SEQN: 782331 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T12 / Qty: 1 FROM: CDM DrwNo: 298.24.1045.43958 Hunter Truss Label: J14 GA / DF 10/24/2024



Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria
Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/#
Pf: NA Ce: NA VERT(LL): 0.000 C 999 240
Lu: NA Cs: NA VERT(CL): 0.001 C 999 180
Snow Duration: NA HORZ(LL): -0.000 C
HORZ(TL): 0.000 C
Building Code: Creep Factor: 2.0
FBC 8th Ed. 2023 Res. HVHZ Max TC CSI: 0.199
TPI Std: 2014 Max BC CSI: 0.048
Rep Fac: Yes Max Web CSI: 0.025
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE VIEW Ver: 23.02.04.0123.14

▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ /R /Rw /U /RL E* 123 /-/-Wind reactions based on MWFRS Brg Wid = 28.0 Min Req = Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Stack Chord: SC1 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Wind loads based on MWFRS with additional C&C

End verticals not exposed to wind pressure.

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.

The overall height of this truss excluding overhang is



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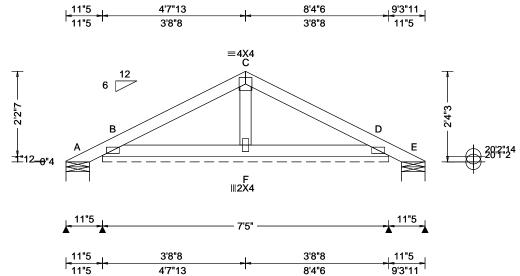
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI.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

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



SEQN: 782640 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T10 FROM: CDM DrwNo: 298.24.1045.44742 Qty: 1 Hunter Truss Label: PB01 KD / WHK 10/24/2024



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 7-22 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: 3.16 ft Loc. from endwall: Any GCbi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.002 D 999 240 VERT(CL): 0.003 D 999 180 HORZ(LL): -0.001 D HORZ(TL): 0.002 D Creep Factor: 2.0 Max TC CSI: 0.137 Max BC CSI: 0.065 Max Web CSI: 0.110
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

▲ Ma	axim	um Rea	ctions (It	os), or *=	-PLF		
	G	avity		No	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Α -	-	/-37	/-	/43	/57	/61	
B* 8	38	/-	/-	/60	/30	/-	
Е-		/-37	/-	/21	/30	/-	
Wind	d read	ctions b	ased on N	/WFRS			
Α	Brg V	Vid = 7.	3 Min F	Req = 1.5	(Trus	s)	
В	Brg V	Vid = 89	9.0 Min F	. = eq	•	•	
E Brg Wid = 7.3 Min Req = 1.5 (Truss)							
Bearings A, B, & E are a rigid surface.							
Mem	bers	not liste	ed have fo	orces les	s than	375#	

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

Plating Notes

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

Purlins

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

Wind

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

Wind loading based on both gable and hip roof types. Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/999.

Additional Notes

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

Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is



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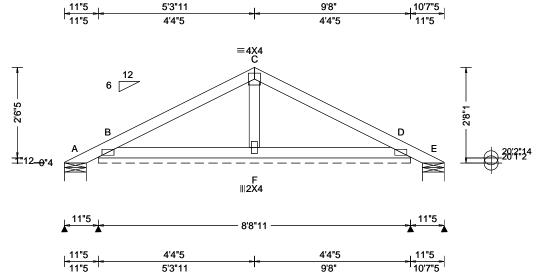
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SEQN: 786607 / SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 FROM: CDM DrwNo: 298.24.1045.45214 Qty: 14 Hunter Truss Label: PB02 KD / WHK 10/24/2024



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 Std: ASCE 7-22 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	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014	PP Deflection in loc L/defl L/# VERT(LL): 0.003 D 999 240 VERT(CL): 0.004 D 999 180 HORZ(LL): -0.002 D HORZ(TL): 0.003 D Creep Factor: 2.0 Max TC CSI: 0.198 Max BC CSI: 0.146
Spacing: 24.0 "	C&C Dist a: 3.29 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max Web CSI: 0.027 VIEW Ver: 23.02.04.0123.14

A Massim	D.a.a	-tions /II	*	DLE				
	▲ Maximum Reactions (lbs), or *=PLF							
	Gravity		No	on-Grav	∕ity			
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
Α -	/-69	/-	/55	/103	/70			
B* 92	/-	/-	/86	/27	/-			
E -	/-69	/-	/38	/64	/-			
Wind rea	Wind reactions based on MWFRS							
A Brg	Wid $= 7$.	3 Min F	Req = 1.5	(Trus	s)			
B Brg Wid = 104 Min Reg = -								
E Brg Wid = 7.3 Min Req = 1.5 (Truss)								
Bearings A, B, & E are a rigid surface.								
Member	Members not listed have forces less than 375#							

Lumbe

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

Plating Notes

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.

The overall height of this truss excluding overhang is 2-8-1.



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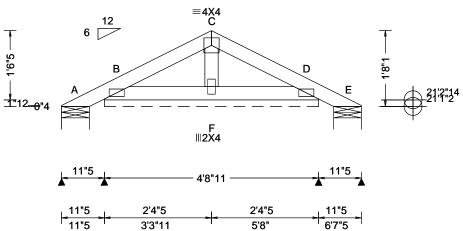
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SEQN: 786613 SPEC Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T67 FROM: CDM DrwNo: 298.24.1152.55790 Qty: 6 Hunter Truss Label: PB03 KD / WHK 10/24/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.001 B 999 180
BCDL: 10.00 Des Ld: 40.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.000 B HORZ(TL): 0.001 B
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft	Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes	Creep Factor: 2.0 Max TC CSI: 0.048 Max BC CSI: 0.042 Max Web CSI: 0.015
Lumber	Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 23.02.04.0123.14

▲ Maximum Reactions (lbs), or *=PLF						
Gravity Non-Gravity						
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α	7	/-	/-	/23	/18	/42
В*	82	/-	/-	/81	/5	/-
Е	7	/-	/-	/12	/-	/-
Wind reactions based on MWFRS						
A Brg Wid = 7.3 Min Req = 1.5 (Truss)						
B Brg Wid = 56.7 Min Reg = -						
E Brg Wid = 7.3 Min Req = 1.5 (Truss)						
			E are a ri			•
Mei	mbers	not liste	ed have fo	orces les	s than	375#

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

Plating Notes

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

Purlins

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

Wind

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 PB160220723 for piggyback details. The overall height of this truss excluding overhang is 1-8-1.



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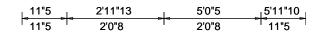
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

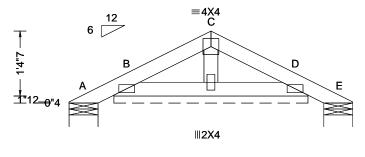
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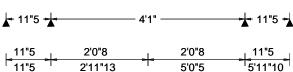
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SEQN: 786590 / COMN Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T48 FROM: CDM DrwNo: 298.24.1045.44978 Qty: 10 Hunter Truss Label: PB04 KD / WHK 10/24/2024







	11.5	211 13	303 31110
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	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.000 D 999 240 VERT(CL): 0.001 D 999 180 HORZ(LL): 0.000 B HORZ(TL): 0.000 B
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 17.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.035 Max BC CSI: 0.027 Max Web CSI: 0.012
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14

▲ Maximum Reactions (lbs), or *=PLF						
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α	17	/-	/-	/24	/12	/36
В*	101	/-	/-	/56	/19	/-
Е	17	/-	/-	/12	/3	/-
Wind reactions based on MWFRS						
Α	Brg V	Vid = 7.	3 Min F	Req = 1.5	(Trus	s)
B Brg Wid = 49.0 Min Req = -						
E Brg Wid = 7.3 Min Req = 1.5 (Truss)						
Bearings A, B, & E are a rigid surface.						
Mer	nbers	not liste	ed have fo	orces less	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.

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 PB160220723 for piggyback details. The overall height of this truss excluding overhang is 1-6-3.



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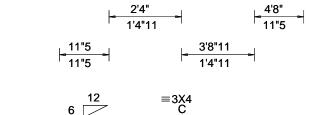
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

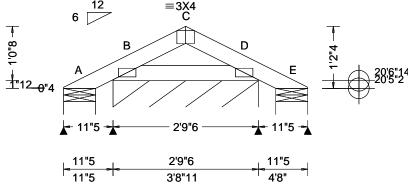
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 786603 / GABL Ply: 1 Job Number: 24-1376B Cust: R 215 JRef: 1Y4d2150001 T2 FROM: CDM Qty: 1 DrwNo: 298.24.1045.45449 Hunter Truss Label: PB05 KD / WHK 10/24/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	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 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 B
NCBCLL: 10.00	Mean Height: 21.03 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.018
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.038
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: 23.02.04.0123.14
	•	•	•

▲ Maximum Reactions (lbs), or *=PLF						
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α	17	/-	/-	/12	/13	/26
В*	100	/-	/-	/53	/28	/-
Ε	17	/-	/-	/9	/13	/-
Wind reactions based on MWFRS						
A Brg Wid = 7.3 Min Req = 1.5 (Truss)						
B Brg Wid = 33.3 Min Req = -						
E Brg Wid = 7.3 Min Req = 1.5 (Truss)						
Bearings A, B, & E are a rigid surface.						
Mer	nbers	not list	ed have fo	rces les	s than	375#

Lumber

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

Plating Notes

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

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

Wind loading based on both gable and hip roof types.

The overall height of this truss excluding overhang is



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CLR Reinforcing Member Substitution

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

Notes:

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

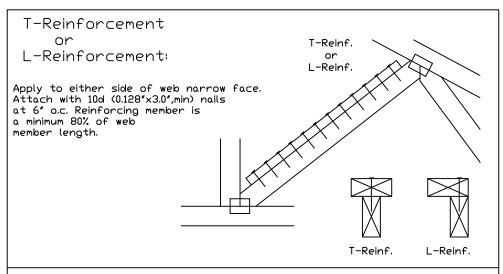
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

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

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

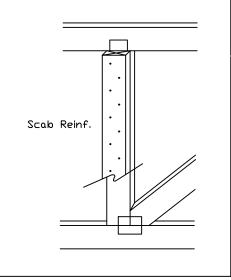
T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

(**) 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.



IREF

DATE

CLR Subst.

01/02/19

Trusses require extreme care in fabricating, handling, shipping, installing and inscaling and follow the latest edition of BCSI (Buldling Component Safety Information, Installing and BSCA) for sail ty practices prior to performing these functions. Installers shall provide temporary BSCA) for sail ty 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 celling. Locations shown for permanent lateral restraint & webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each for trust and position as shown above and on the Joint Details, unless noted otherwise.

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

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TC LL PS
TC DL PS
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PSF PSF

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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.

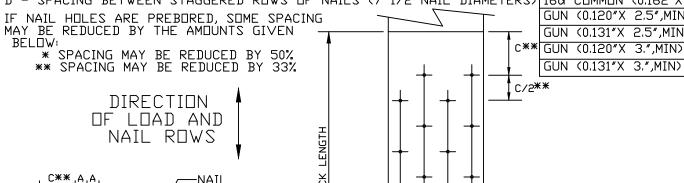
BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

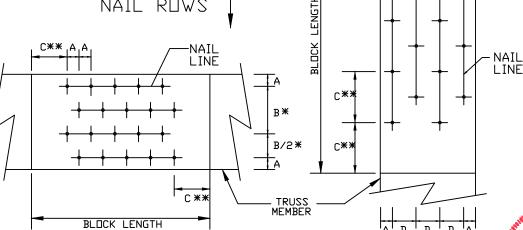
LOAD PERPENDICULAR TO GRAIN

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

LOAD PARALLEL TO GRAIN

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





LOAD APPLIED PERPENDICULAR TO GRAIN

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No. COA #0 278

AMERICAN PROPERTY OF THE PARTY
NAIL TYPE

8d BOX (0.113"X 2.5",MIN)

10d BOX (0.128"X 3.",MIN)

12d BOX (0.128"X 3.25",MIN)

8d CDMMDN (0.131"X 2.5",MIN)

10d CDMMDN (0.148"X 3.",MIN)

12d COMMON (0.148"X 3.25",MIN)

16d COMMON (0.162"X 3.5",MIN)

GUN (0.120"X 2.5", MIN)

GUN (0.131"X 2.5",MIN)

GUN (0.131"X 3.".MIN)

16d BOX (0.135"X 3.5",MIN)

20d BOX (0.148"X 4.",MIN)

REF NAIL SPACE DATE 10/01/14

DRWG CNNAILSP1014

LOAD APPLIED PARALLEL TE STRAIN

10/24/2024

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

7/8" 1" 5/8"

MINIMUM NAIL SPACING DISTANCES

DISTANCES

Α

3/4"

7/8"

7/8"

7/8"

1″

7/8"

1″

1"

1′

3/4"

7/8"

3/4"

B*

3/8"

1 5/8"

1 5/8"

1 5/8"

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3/4"

2"

2"

2 1/8"

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1 7/8"

5,

7/8"

7/8"

1"

1"

1 1/8"

1 1/8"

1"

1 1/8"

1 1/8"

1 1/4"

1"

1"

1"

Piggyback Detail - ASCE 7-22: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

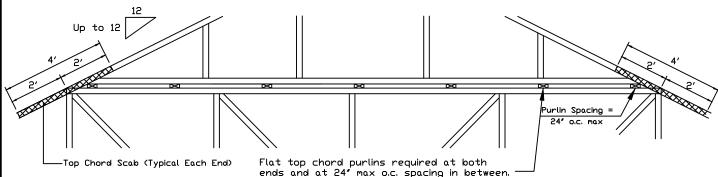
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0. Dr 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building designer 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.

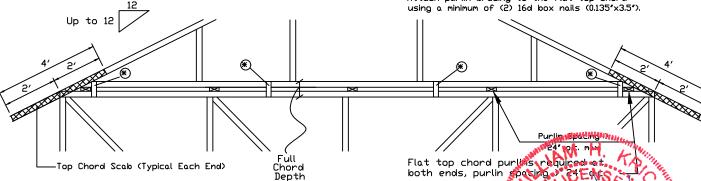
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

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" nalls, (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 truss, purlins must be installed at 24" o.c. max. and use Detail 🚑

* 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.

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No. 708

IREF **PIGGYBACK** DATE 07/03/2023

DRWG PB160220723

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155 Harlem Ave North Building, 4th Floor

Glenview, IL 60025

10/24/2024