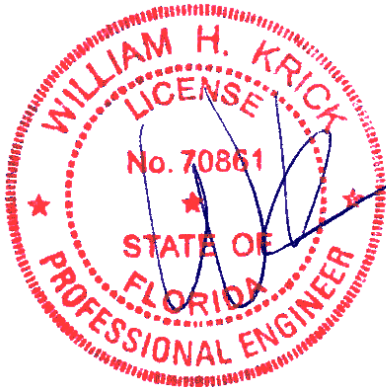




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Glenview, IL 60025
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www.alpineitw.com



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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 Building Type: Closed	Design Loading (psf): 40.00

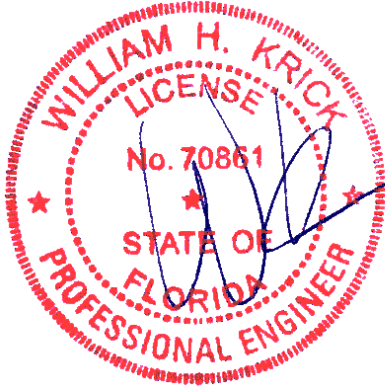
This package contains general notes pages, 57 truss drawing(s) and 3 detail(s).

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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COA #0 278

Florida Certificate of Product Approval #FL 1999

10/24/2024

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, C_b , 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 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.

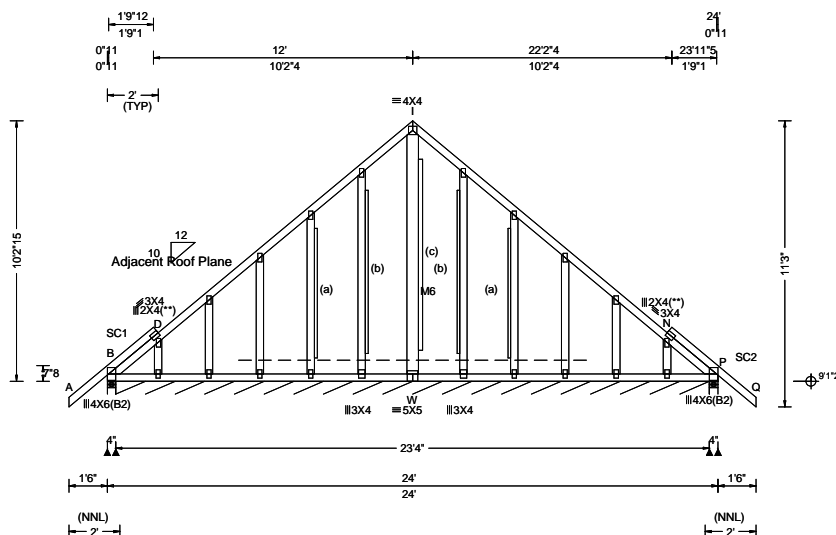
W = Width of non-hanger bearing, in inches.

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.002 I 999 240 VERT(CL): 0.002 J 999 180 HORZ(LL): 0.007 L - - HORZ(TL): 0.008 L - - Creep Factor: 2.0 Max TC CSI: 0.180 Max BC CSI: 0.053 Max Web CSI: 0.861 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 256 /- /- /210 /70 /363 B* 76 /- /- /46 /19 /- P 256 /- /- /157 /47 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) B Brg Wid = 280 Min Req = - P Brg Wid = 4.0 Min 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

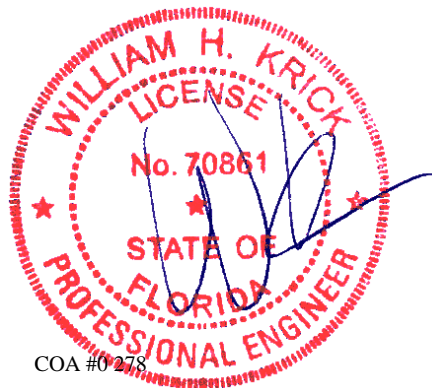
Wind loads based on MWFRS with additional C&C member design.

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.



COA #0278

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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.
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: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org

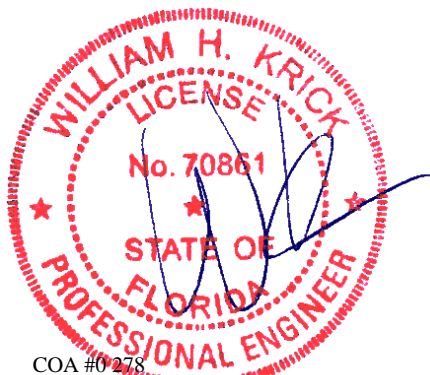
SEQN: 782342 /	GABL	Ply: 1	Job Number: 24-1376B	Cust: R 215 JRef: 1Y4d2150001 T42
FROM: CDM		Qty: 1	Hunter	DrwNo: 298.24.1045.44224
Page 2 of 2			Truss Label: A01	KD / WHK 10/24/2024

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 noticable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.

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



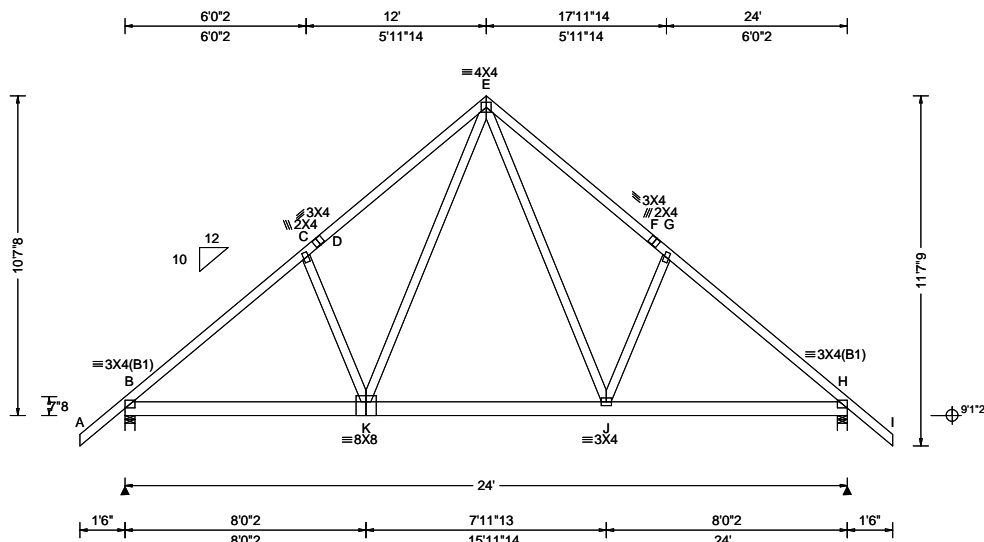
COA #0278

10/24/2024
Florida Certificate of Product Approval #FL 1999

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 Glenview, IL 60025

SEQN: 782118 / FROM: CDM	COMN Ply: 1 Qty: 9	Job Number: 24-1376B Hunter Truss Label: A02	Cust: R 215 JRef: 1Y4d2150001 T4 DrwNo: 298.24.1045.43581 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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 GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL B 1193 - / - / 564 - / - H 1193 - / - / 564 - / - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) H Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 0 - 1378 E - F 0 - 1212 C - D 0 - 1232 F - G 0 - 1233 D - E 0 - 1212 G - H 0 - 1379

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

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 10-7-8.



COA #0218

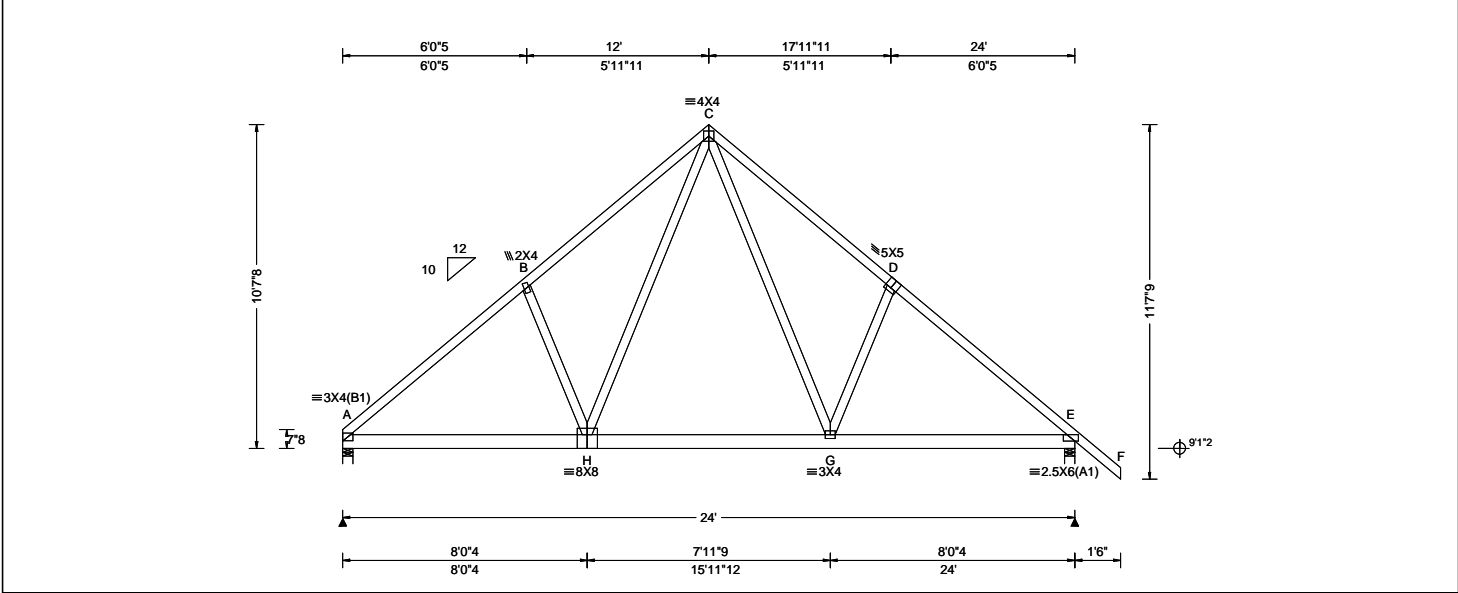
10/24/2024 Florida Certificate of Product Approval #FL 1999

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

SEQN: 782125 / FROM: CDM	COMN Ply: 1 Qty: 3	Job Number: 24-1376B Hunter Truss Label: A03	Cust: R 215 JRef: 1Y4d2150001 T1 DrwNo: 298.24.1045.44617 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.042 G 999 240 VERT(CL): 0.081 G 999 180 HORZ(LL): 0.019 B - - HORZ(TL): 0.037 B - - Creep Factor: 2.0 Max TC CSI: 0.439 Max BC CSI: 0.386 Max Web CSI: 0.387 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL A 1124 - / - /611 /145 /346 E 1239 - / - /709 /171 - Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings A & E 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. A - B 245 - 1445 C - D 365 - 1287 B - C 373 - 1298 D - E 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.

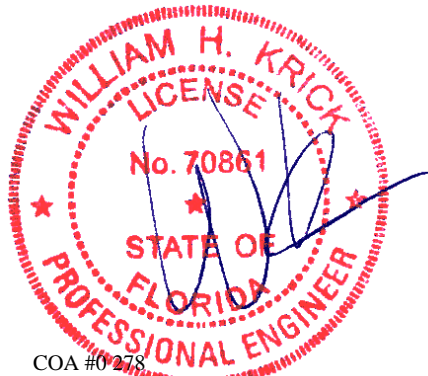
Wind

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
10-7-8.



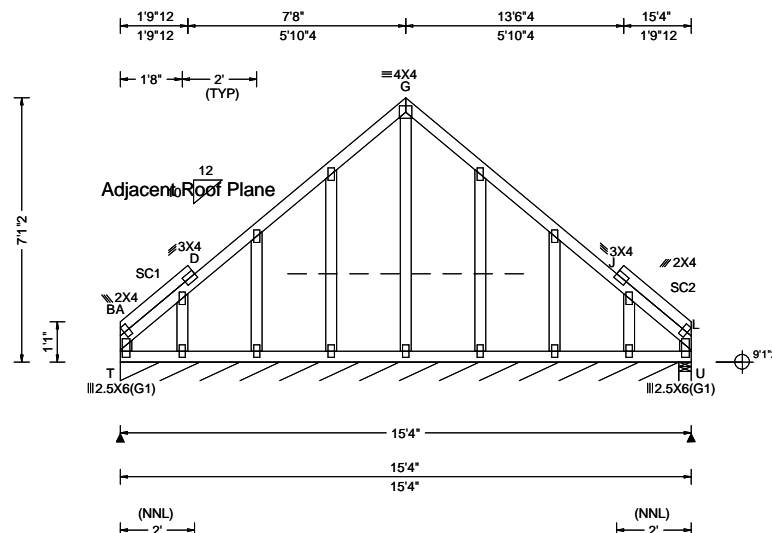
COA #0278

10/24/2024
Florida Certificate of Product Approval #FL 1999

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SEQN: 782088 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: B01	Cust: R 215 JRef: 1Y4d2150001 T39 DrwNo: 298.24.1045.44428 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 D 999 240 VERT(CL): 0.003 D 999 180 HORZ(LL): 0.003 J - - HORZ(TL): 0.004 J - - Creep Factor: 2.0 Max TC CSI: 0.078 Max BC CSI: 0.030 Max Web CSI: 0.716 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL T* 82 - / - / - / 50 / 16 / 12 U 96 - / - / - / 120 / 39 / - Non-Gravity Wind reactions based on MWFRS T Brg Wid = 179 Min Req = - U Brg Wid = 4.0 Min Req = 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 notched area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.

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



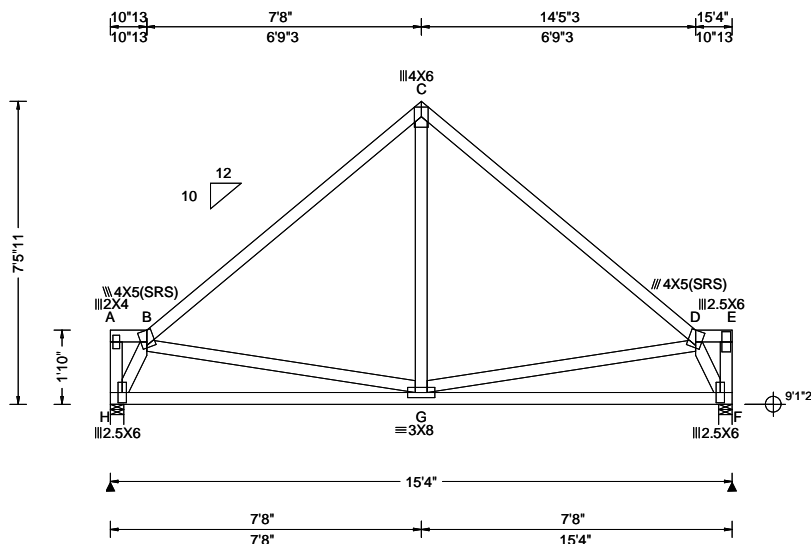
COA #0278

10/24/2024
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 782098 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: B02	Cust: R 215 JRef: 1Y4d2150001 T15 DrwNo: 298.24.1045.44177 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.008 G 999 240 VERT(CL): 0.018 G 999 180 HORZ(LL): 0.005 F - - HORZ(TL): 0.010 F - - Creep Factor: 2.0 Max TC CSI: 0.671 Max BC CSI: 0.587 Max Web CSI: 0.181 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 660 -/- /- /371 /95 /168 F 660 -/- /- /371 /95 -/ Wind reactions based on MWFRS H Brg Wid = 4.0 Min Req = 1.5 (Truss) F Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings H & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 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
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
7'-5-11."



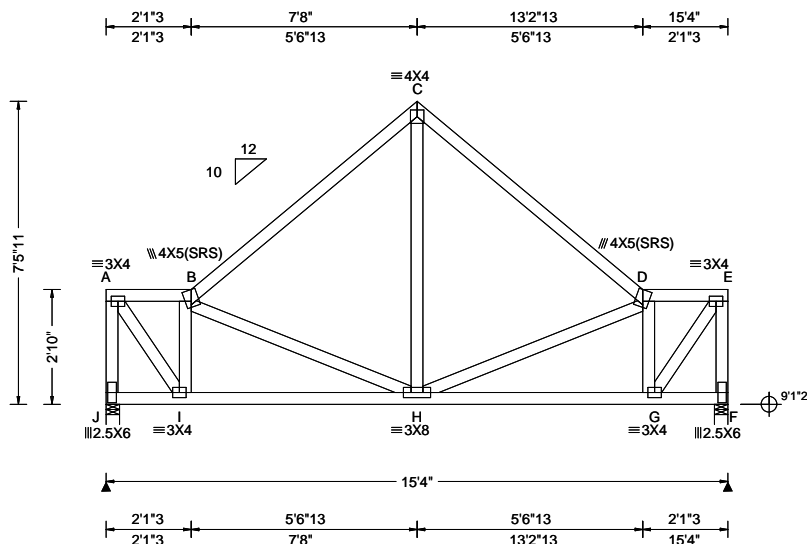
COA #0278

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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 782100 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: B03	Cust: R 215 JRef: 1Y4d2150001 T6 DrwNo: 298.24.1045.44163 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
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 GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.012 H 999 240 VERT(CL): 0.027 H 999 180 HORZ(LL): 0.005 A - - HORZ(TL): 0.011 A - - Creep Factor: 2.0 Max TC CSI: 0.352 Max BC CSI: 0.339 Max Web CSI: 0.299 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL J 660 -/- /- /372 /99 /138 F 660 -/- /- /372 /99 -/ Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 (Truss) F Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings J & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 158 -457 C - D 205 -613 B - C 205 -613 D - E 158 -457

Lumber

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

Purlins

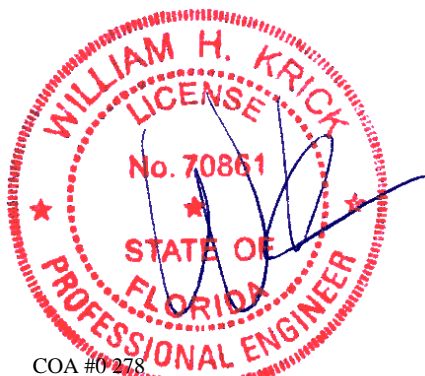
In lieu of structural panels use purlins to brace all flat
TC @ 24" oc.

Wind

Wind loads based on MWFRS with additional C&C
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
7'-5-11".



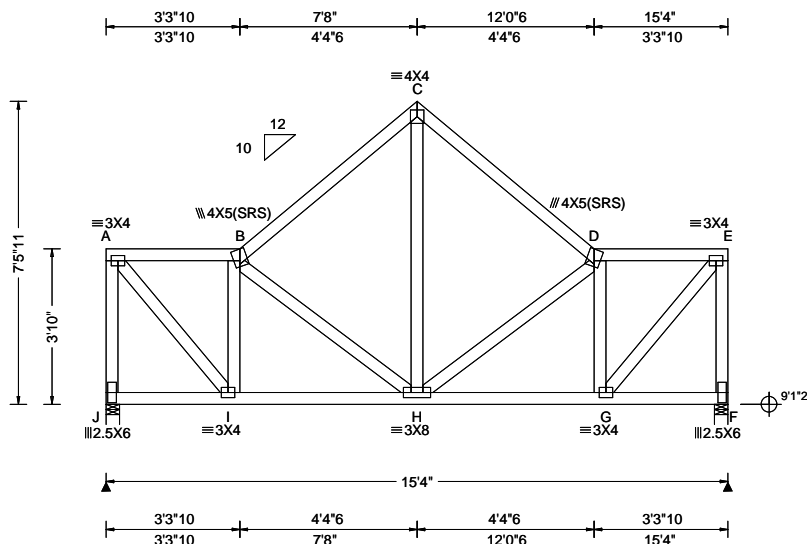
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SEQN: 782108 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: B04	Cust: R 215 JRef: 1Y4d2150001 T26 DrwNo: 298.24.1045.44257 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
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 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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 Max Web CSI: 0.274 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL J 660 -/- /- /368 /102 /108 F 660 -/- /- /368 /102 /- Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 (Truss) F Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings J & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 191 -470 C - D 235 -573 B - C 235 -573 D - E 191 -470

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

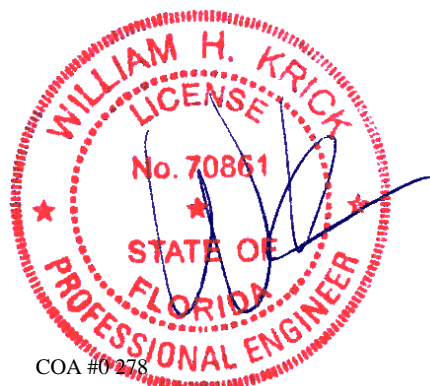
Wind loads based on MWFRS with additional C&C member design.

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 7'-5-11".



COA #0278

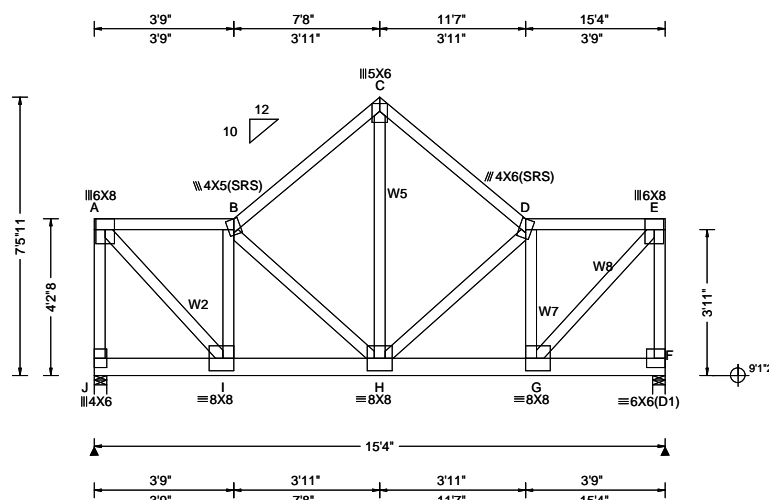
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SEQN: 782513 / FROM: CDM	COMN Ply: 2 Qty: 1	Job Number: 24-1376B Hunter Truss Label: B05	Cust: R 215 JRef: 1Y4d2150001 T51 DrwNo: 298.24.1045.44601 KD / WHK 10/24/2024
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 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 GCp: 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: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.086 H 999 240 VERT(CL): 0.172 H 999 180 HORZ(LL): 0.037 A - - HORZ(TL): 0.074 A - - Creep Factor: 2.0 Max TC CSI: 0.389 Max BC CSI: 0.512 Max Web CSI: 0.964 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL J 7504 -/- /- /- /486 -/ F 7462 -/- /- /- /426 -/ Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 3.1 (Truss) F Brg Wid = 4.0 Min Req = 3.1 (Truss) Bearings J & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 193 -3084 D - E 176 -2867 B - C 209 -3133 E - F 220 -3351 C - D 208 -3132

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)
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

----- (Lumber Dur. Fac. = 1.25 / Plate Dur. Fac. = 1.25)
TC: From 66 plf at 0.00 to 66 plf at 15.33
BC: From 10 plf at 0.00 to 10 plf at 15.33
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.

Additional Notes

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens. Comp.	Chords	Tens. Comp.
I - H	3185 -202	H - G	2983 -186

Maximum Web Forces Per Ply (lbs)

Webs	Tens. Comp.	Webs	Tens. Comp.
A - J	231 -3461	C - H	3784 -202
A - I	4592 -287	H - D	50 -823
I - B	120 -1328	D - G	133 -1516
B - H	72 -1105	G - E	4272 -262



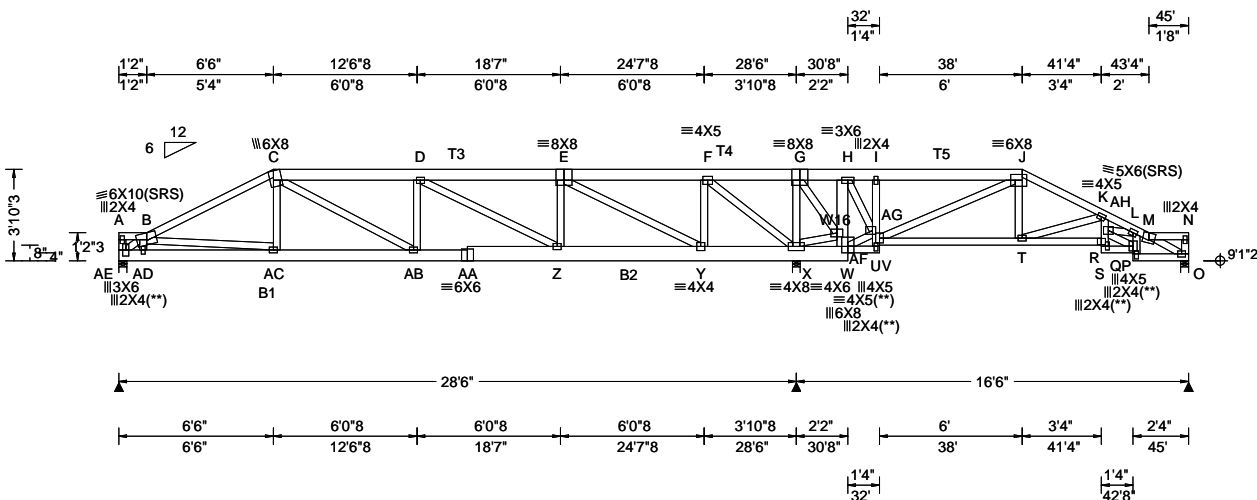
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

2 Complete Trusses Required

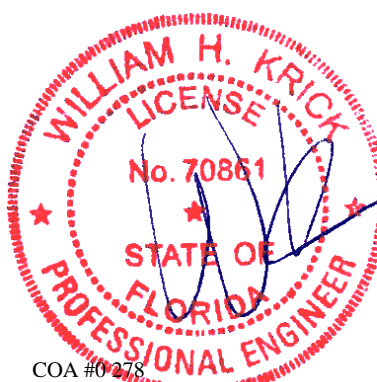


Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: 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: 4.50 ft Loc. from endwall: not in 6.50 ft GCp: 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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.073 D 999 240 VERT(CL): 0.153 D 999 180 HORZ(LL): 0.033 O - - HORZ(TL): 0.067 O - - Creep Factor: 2.0 Max TC CSI: 0.451 Max BC CSI: 0.430 Max Web CSI: 0.912 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL AE 1639 -/- /- /- /333 -/ X 5803 -/- /- /- /1257 -/ O 671 -/- /- /- /114 -/ Wind reactions based on MWFRS AE Brg Wid = 4.0 Min Req = 1.5 (Truss) X Brg Wid = 4.0 Min Req = 3.0 (Truss) O Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings AE, X, & O 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.

Lumber	Plating Notes	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; T3,T4,T5 2x6 SP #2; Bot chord: 2x4 SP #2; B1 2x6 SP #2; B2 2x8 SP #2; Webs: 2x4 SP #3; W16 2x6 SP #2;	All plates are 3X4 except as noted. (**) 5 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.	Chords Tens.Comp. Chords Tens. Comp. B - C 323 -1537 H - I 935 -194 C - D 419 -1946 I - J 924 -193 D - E 316 -1499 J - K 97 -586 F - G 1839 -398 K - L 158 -907 G - H 1219 -266 L - M 99 -585

Nailnote	Purlins	Maximum Bot Chord Forces Per Ply (lbs)
Nail Schedule: 0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c. Webs : 1 Row @ 4" o.c. Use equal spacing between rows and stagger nails in each row to avoid splitting.	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.	Chords Tens.Comp. Chords Tens. Comp. 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

Special Loads	Maximum Web Forces Per Ply (lbs)
----- (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 38.00 to 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 20 plf at 37.97 to 20 plf at 45.00 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 Conc. Load at 33.94,35.94 TC: 446 lb Conc. Load at 37.97 BC: 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 BC: 83 lb Conc. Load at 33.94,35.94 BC: 470 lb Conc. Load at 37.97	Chords Tens.Comp. Chords Tens. Comp. AE - B 263 -1311 AF - H 98 -440 C - AB 686 -161 AF - W 539 -104 D - Z 130 -571 H - AG 616 -150 Z - E 529 -25 W - AG 241 -1050 E - Y 404 -1800 I - AG 179 -468 Y - F 1038 -155 U - J 299 -1515 F - X 466 -2042 AG - U 694 -98 X - G 238 -929 J - T 418 -2 X - AF 146 -683 AH - P 447 -80 G - AF 909 -191 M - O 101 -582



COA #0278

Florida Certificate of Product Approval #FL 1999

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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 782211 / FROM: CDM Page 2 of 2	SPEC Ply: 2 Qty: 1	Job Number: 24-1376B Hunter Truss Label: C01	Cust: R 215 JRef: 1Y4d2150001 T7 DrwNo: 298.24.1045.43549 KD / WHK 10/24/2024
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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 3-10-3.



COA #0278
10/24/2024
Florida Certificate of Product Approval #FL 1999

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

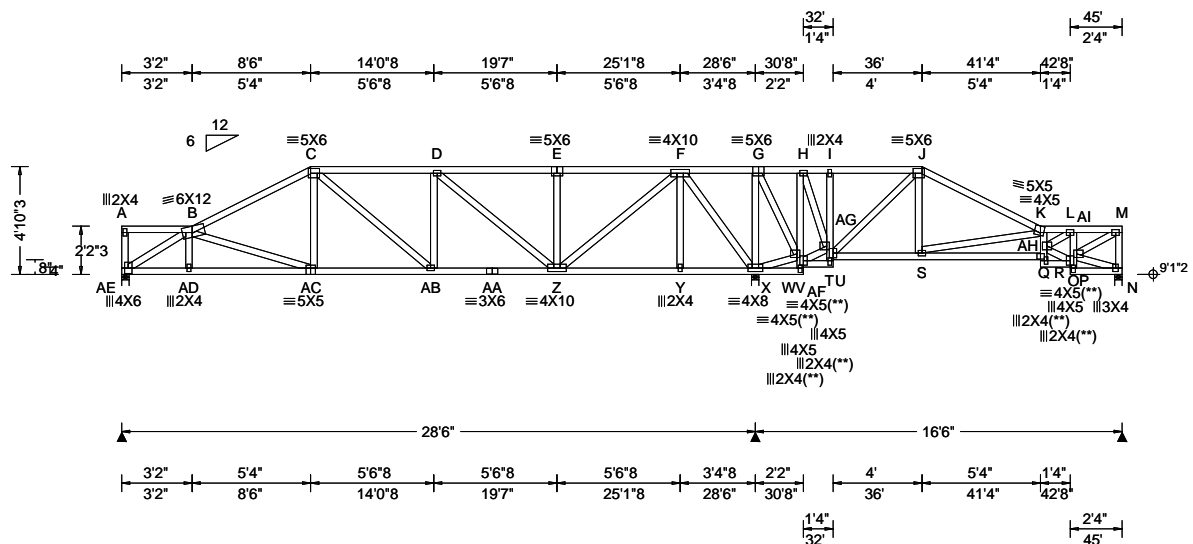
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SEQN: 782202 / FROM: CDM	SPEC	Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: C02	Cust: R 215 JRRef: 1Y4d2150001 T32 DrwNo: 298.24.1045.43519 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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/2 to h C&C Dist a: 4.50 ft Loc. from endwall: not in 6.50 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.063 AB 999 240 VERT(CL): 0.141 AB 999 180 HORZ(LL): 0.022 N - - HORZ(TL): 0.046 N - - Creep Factor: 2.0 Max TC CSI: 0.519 Max BC CSI: 0.434 Max Web CSI: 0.952 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL AE 1020 - / - / - /548 /174 /73 X 2404 - / - / - /1228 /453 -/ N 418 - / - / - /208 /53 -/ Wind reactions based on MWFRS AE Brg Wid = 4.0 Min Req = 1.5 (Truss) X Brg Wid = 4.0 Min Req = 2.5 (Truss) N Brg Wid = 4.0 Min 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) Chords Tens.Comp. Chords Tens. Comp.

Lumber

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

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.

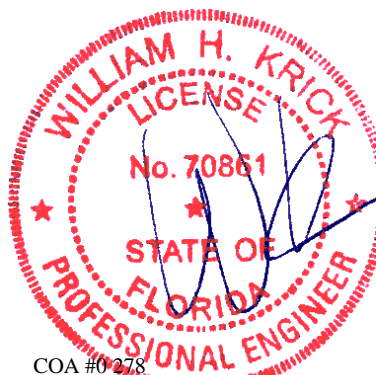
End verticals not exposed to wind pressure.

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 4'-10"-3.

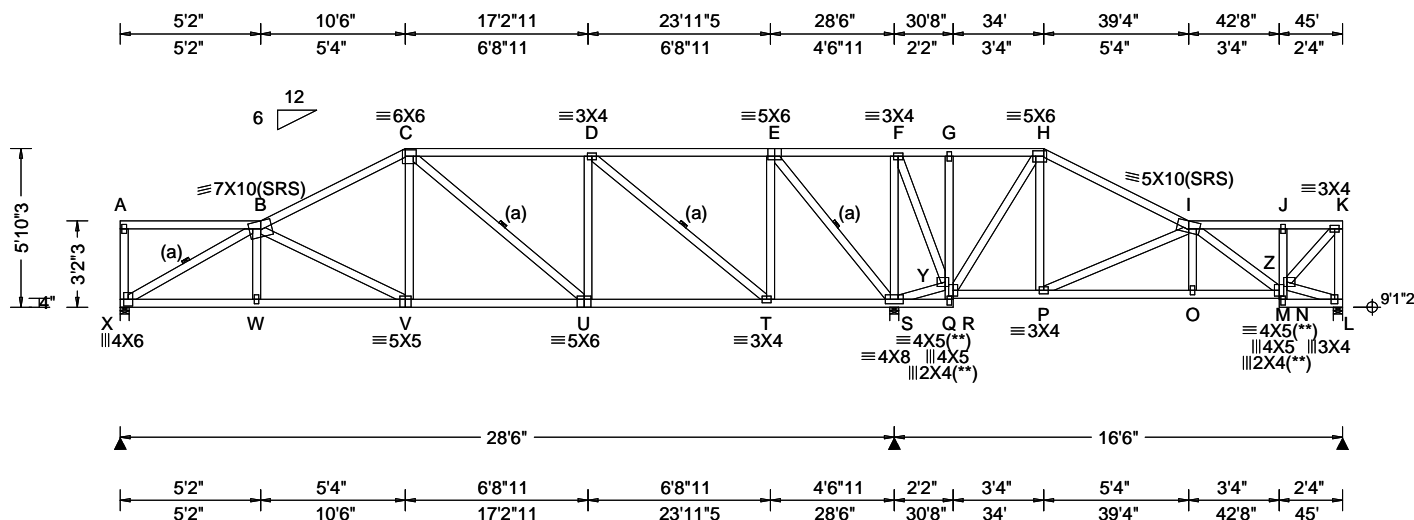


COA #0278

Florida Certificate of Product Approval #FL 1999

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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/2 to h C&C Dist a: 4.50 ft Loc. from endwall: not in 6.50 ft GCp: 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.059 V 999 240 VERT(CL): 0.126 V 999 180 HORZ(LL): 0.023 L - - HORZ(TL): 0.049 S - - Creep Factor: 2.0 Max TC CSI: 0.552 Max BC CSI: 0.472 Max Web CSI: 0.985 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL X 1010 - / - / - /539 /174 /73 S 2385 - / - / - /1211 /454 - /- L 454 - / - / - /210 /53 - /- Non-Gravity X Brg Wid = 4.0 Min Req = 1.5 (Truss) S Brg Wid = 4.0 Min Req = 2.4 (Truss) L Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings X, S, & L 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.

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.

(**) 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

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The overall height of this truss excluding overhang is 5-10-3.

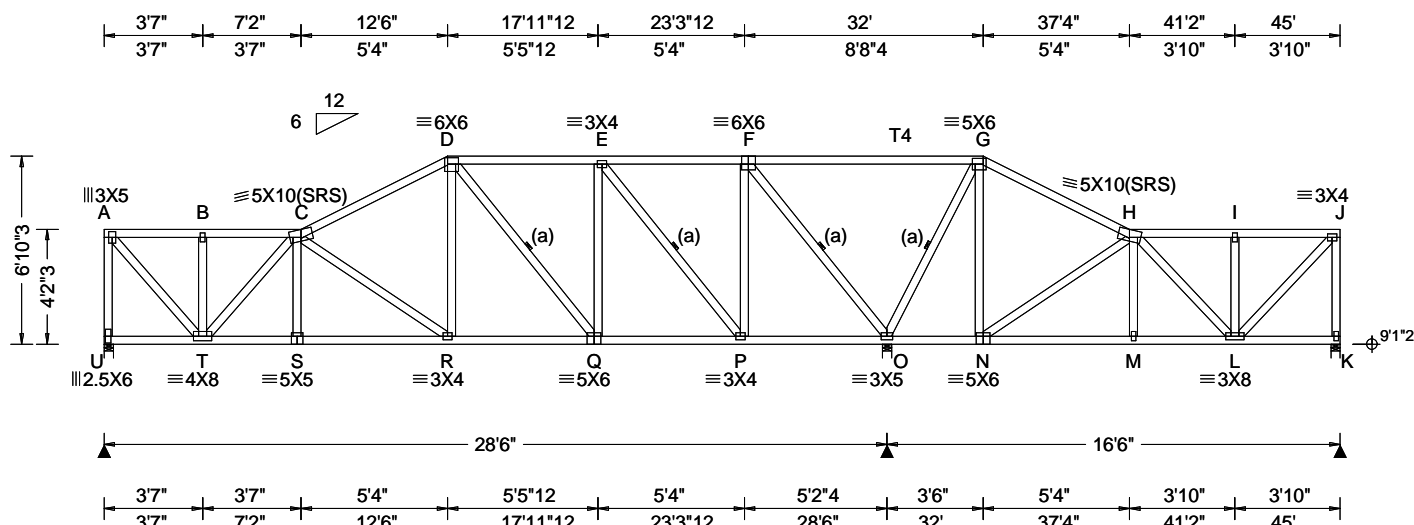


COA #0 278

10/24/2024
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SEQN: 782208 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: C04	Cust: R 215 JRRef: 1Y4d2150001 T19 DrwNo: 298.24.1045.44225 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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/2 to h C&C Dist a: 4.50 ft Loc. from endwall: not in 13.00 ft GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.051 R 999 240 VERT(CL): 0.107 R 999 180 HORZ(LL): 0.020 A - - HORZ(TL): 0.041 A - - Creep Factor: 2.0 Max TC CSI: 0.727 Max BC CSI: 0.407 Max Web CSI: 0.636 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL U 1001 - / - / - /526 /173 /73 O 2401 - / - / - /1222 /456 - /- K 453 - / - / - /195 /61 - /- Non-Gravity U Brg Wid = 4.0 Min Req = 1.5 (Truss) O Brg Wid = 4.0 Min Req = 2.5 (Truss) K Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings U, O, & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

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

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

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COA #0278

10/24/2024
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Maximum Bot Chord Forces Per Ply (lbs)

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

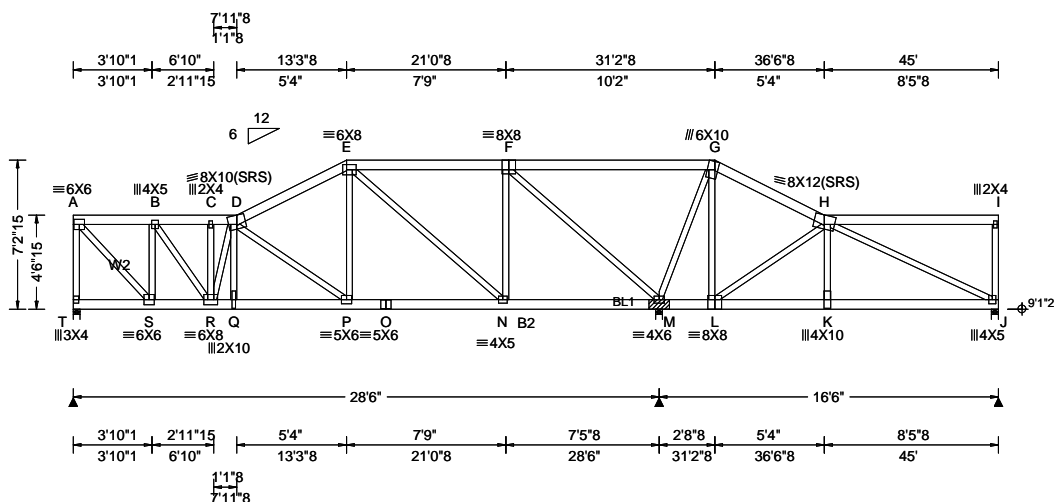
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - U	414 -967	P - F	786 -241
A - T	1186 -462	F - O	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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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

3 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)						
				Gravity			Non-Gravity			
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.100 Q 999 240	T	7287	-	-	/179	-	-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.202 Q 999 180	M	15147	-	-	-	/953	-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.033 A - -	J	4294	-	-	-	/554	-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.066 A - -	Wind reactions based on MWFRS						
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	T	Brg Wid = 4.0		Min Req = 2.0 (Truss)			
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.484	M	Brg Wid = 4.0		Min Req = -			
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.829	J	Brg Wid = 4.0		Min Req = 1.5 (Truss)			
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.989	Bearings T, M, & J are a rigid surface.						
	C&C Dist a: 4.50 ft	FT/RT:20(0)/10(0)		Members not listed have forces less than 375#						
	Loc. from endwall: not in 13.00 ft	Plate Type(s):		Maximum Top Chord Forces Per Ply (lbs)						
	GCpi: 0.18			Chords	Tens.Comp.		Chords	Tens. Comp.		
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14							

Lumber
Top chord: 2x6 SP #2;
Bot chord: 2x6 SP 2400f-2.0E; B2 2x6 SP #2;
Webs: 2x4 SP #3; W2 2x4 SP #2;

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

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.

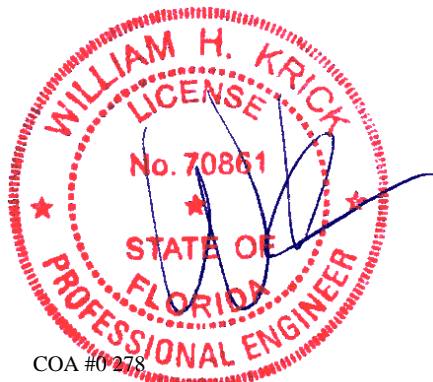
Bearing Block(s)
Brg blocks: 0.131"x3", min. nails
brg x-loc #blocks length/bk #nails/bk wall plate
2 28.333' 2 13' 16 Rigid Surface
Brg block to be same size and species as chord.
Refer to drawing C9NAILSP1014 for more information.

Maximum Bot Chord Forces Per Ply (lbs)			
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

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 62 plf at 0.00 to 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

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

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.

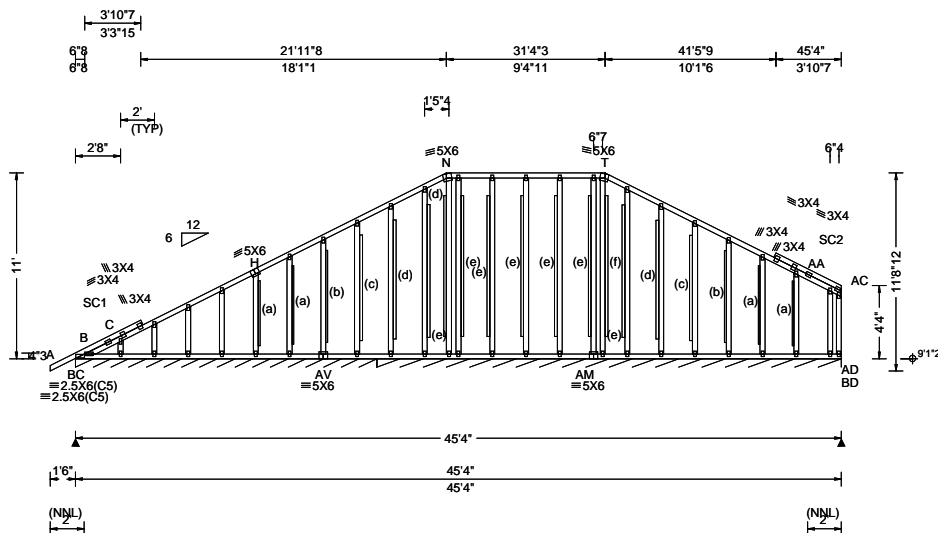


COA #0278

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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: 15.65 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.53 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 N 999 240 VERT(CL): 0.003 AA 999 180 HORZ(LL): 0.015 AA - - HORZ(TL): 0.016 AA - - Creep Factor: 2.0 Max TC CSI: 0.173 Max BC CSI: 0.066 Max Web CSI: 0.965 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity 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

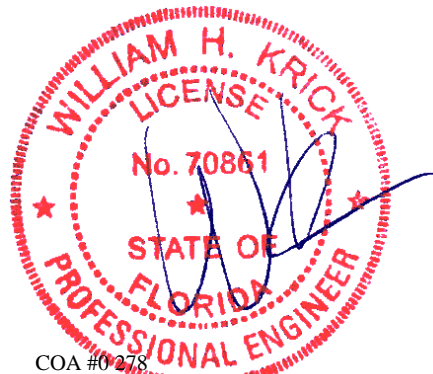
All plates are 2X4 except as noted.

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.
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.



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

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 noticable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.

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

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



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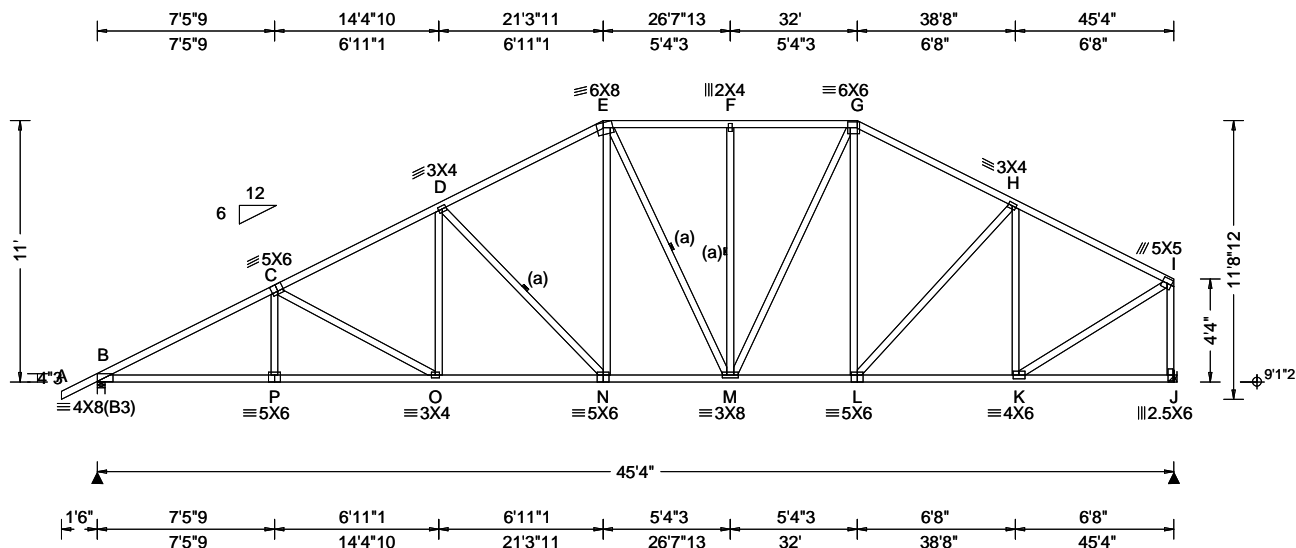
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.65 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.53 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.243 O 999 240 VERT(CL): 0.444 O 999 180 HORZ(LL): 0.093 K - - HORZ(TL): 0.170 K - - Creep Factor: 2.0 Max TC CSI: 0.935 Max BC CSI: 0.981 Max Web CSI: 0.881 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 2182 - / - / - /1241 /194 /303 J 2149 - / - / - /1035 /110 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 2.6 (Truss) J 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 F - G 493 -2269 C - D 721 -3413 G - H 480 -2297 D - E 571 -2707 H - I 386 -2014 E - F 493 -2269

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

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
B - P	3466 -868	N - M	2329 -242
P - O	3464 -869	M - L	1963 -139
O - N	2952 -567	L - K	1760 -268

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
C - O	344 -570	M - G	684 -31
O - D	531 -98	H - K	238 -826
D - N	475 -909	K - I	2039 -307
E - N	910 -283	I - J	427 -2104



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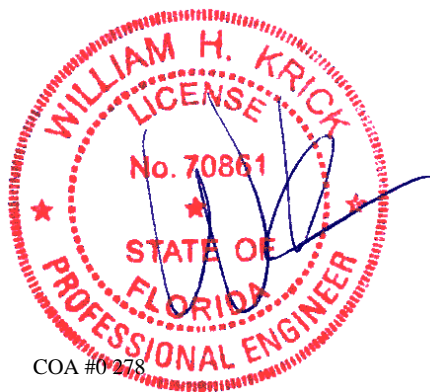
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SEQN: 782131 / FROM: CDM Page 2 of 2	SPEC Ply: 1 Qty: 5	Job Number: 24-1376B Hunter Truss Label: D02	Cust: R 215 JRef: 1Y4d2150001 T46 DrwNo: 298.24.1045.44509 KD / WHK 10/24/2024
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Additional Notes

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

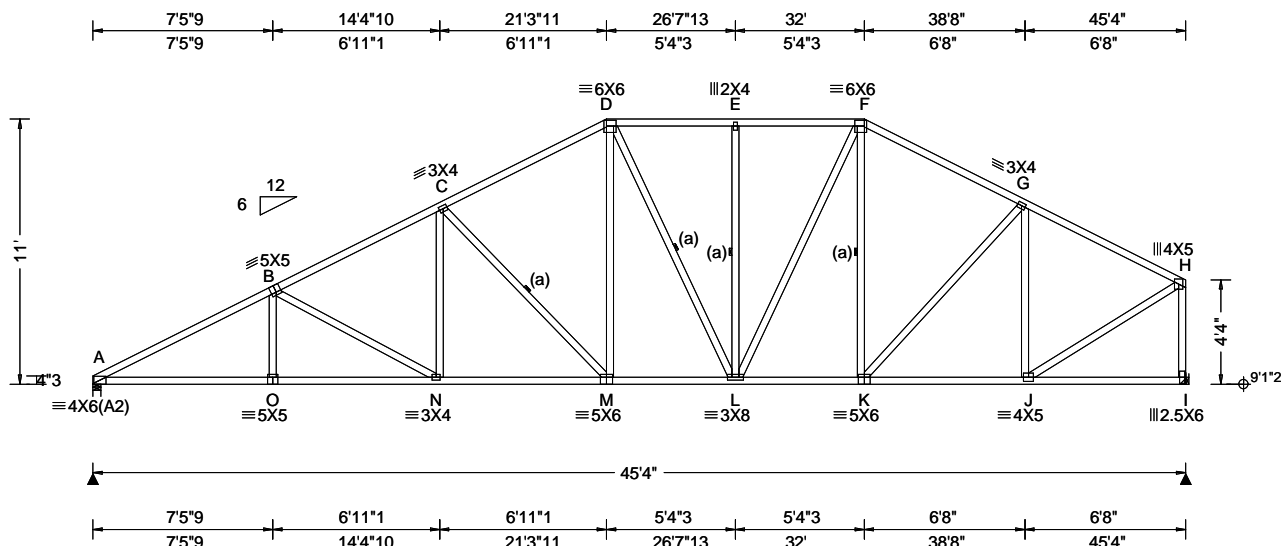


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Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
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: 15.65 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.53 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.186 N 999 240 VERT(CL): 0.383 N 999 180 HORZ(LL): 0.072 J - - HORZ(TL): 0.147 J - - Creep Factor: 2.0 Max TC CSI: 0.911 Max BC CSI: 0.821 Max Web CSI: 0.806 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 1872 - / - / - /1153 /170 /289 I 1859 - / - / - /1033 /114 - /- Wind reactions based on MWFRS A Brg Wid = 4.0 Min Req = 2.2 (Truss) I Brg Wid = - Min Req = - Bearing A 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.
				A - B 412 -3559 E - F 252 -1918 B - C 360 -2957 F - G 250 -1950 C - D 295 -2313 G - H 192 -1717 D - E 252 -1918

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

Bracing
(a) Continuous lateral restraint equally spaced on member.

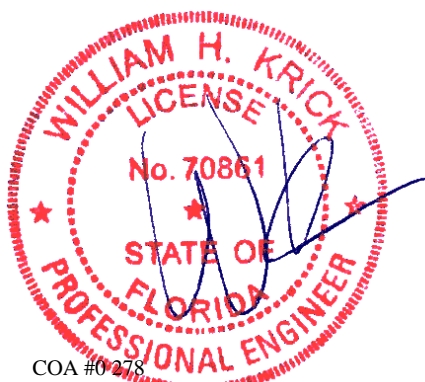
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Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.
Bearing at location x=45'1" uses the following 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
Wind loads based on MWFRS with additional C&C member design.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
A - O 3097 -465 M - L 1978 -83 O - N 3094 -466 L - K 1652 -7 N - M 2546 -287 K - J 1492 -112

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

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

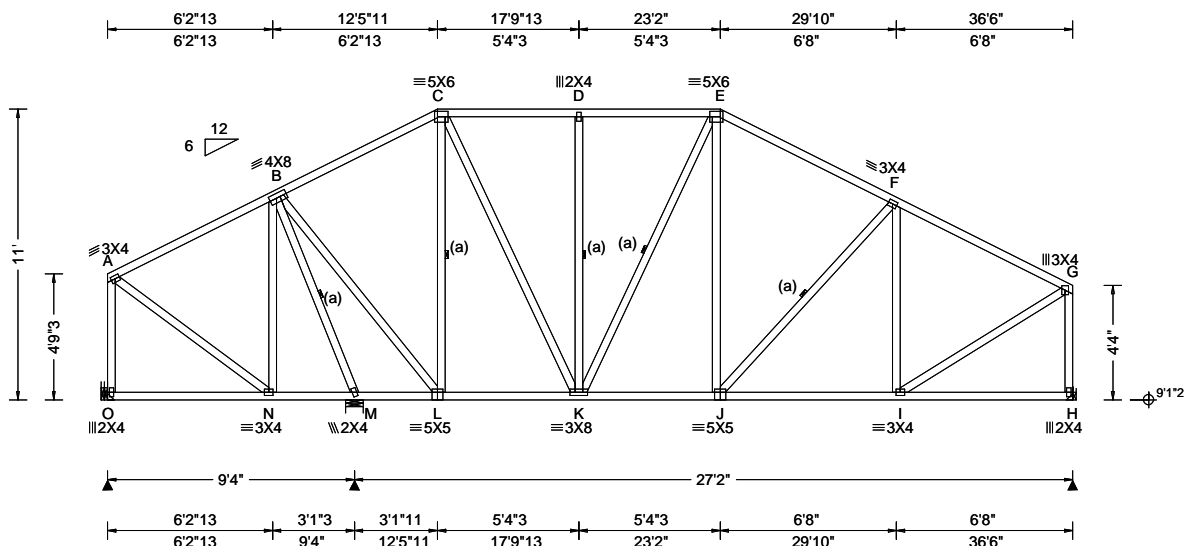
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The overall height of this truss excluding overhang is 11-0-0.

COA #0278

10/24/2024

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 15.65 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.65 ft Loc. from endwall: not in 9.00 ft GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.038 D 999 240 VERT(CL): 0.077 D 999 180 HORZ(LL): 0.011 I - - HORZ(TL): 0.023 I - - Creep Factor: 2.0 Max TC CSI: 0.779 Max BC CSI: 0.509 Max Web CSI: 0.459 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL O 611 - / - /305 /34 /179 M 1198 - / - /714 /75 - H 1197 - / - /905 - / - Wind reactions based on MWFRS O Brg Wid = - Min Req = - M Brg Wid = 8.0 Min Req = 1.5 (Truss) H Brg Wid = - Min Req = - Bearing M 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.

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

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 11'-0".

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



COA #0 278

10/24/2024
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****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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SEQN: 782139 / FROM: CDM Page 2 of 2	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: D04	Cust: R 215 JRef: 1Y4d2150001 T20 DrwNo: 298.24.1045.44507 KD / WHK 10/24/2024
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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 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.



COA #0278

10/24/2024
Florida Certificate of Product Approval #FL 1999

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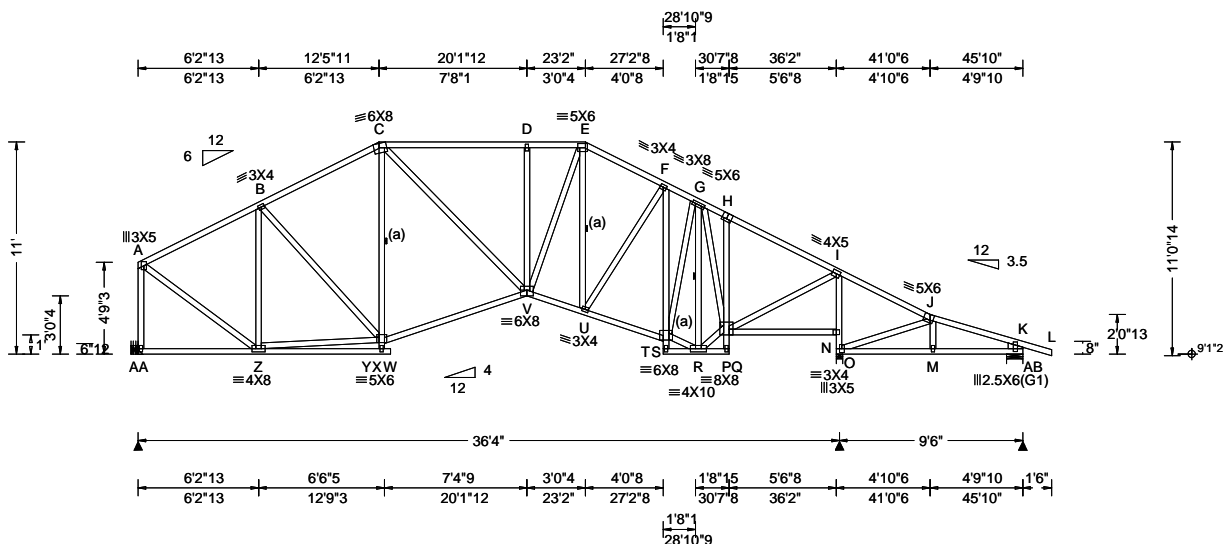
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 786480 / FROM: CDM	SPEC Ply: 1 Qty: 3	Job Number: 24-1376B Hunter Truss Label: G01	Cust: R 215 JRRef: 1Y4d2150001 T53 DrwNo: 298.24.1045.44790 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 4.58 ft Loc. from endwall: not in 13.00 ft GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.097 D 999 240 VERT(CL): 0.200 D 999 180 HORZ(LL): 0.060 N - - HORZ(TL): 0.124 N - - Creep Factor: 2.0 Max TC CSI: 0.786 Max BC CSI: 0.696 Max Web CSI: 0.811 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity AA 1481 - / - / /854 - /284 N 2037 - / - / /1211 - / - AB 412 - / - / /243 /84 - Wind reactions based on MWFRS AA Brg Wid = - Min Req = - N Brg Wid = 4.0 Min Req = 2.4 (Truss) AB Brg Wid = 10.0 Min Req = 1.5 (Truss) Bearings N & AB 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.

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 2X4 except as noted.

Hangers / Ties
(J) Hanger Support Required, by others

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
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.

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	141 - 1244	F - G	216 - 1419
B - C	177 - 1468	G - H	277 - 1360
C - D	102 - 1745	H - I	193 - 1404
D - E	102 - 1745	J - K	196 - 426
E - F	178 - 1636		

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

Webs	Tens.Comp.	Webs	Tens. 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	I - O	180 - 1747
V - E	923 0	O - N	152 - 1830
F - S	0 - 528	N - J	183 - 543
S - R	1178 0		



COA #0278

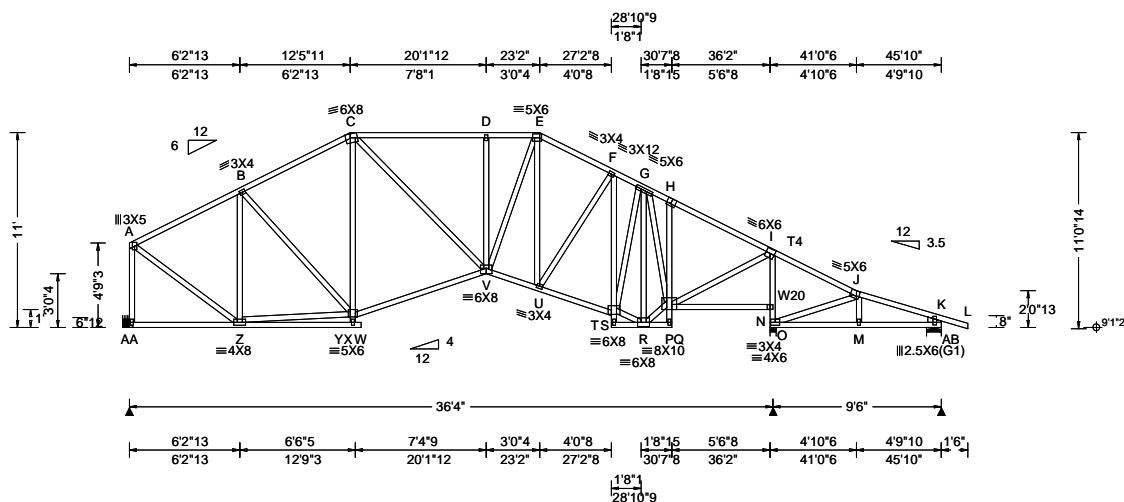
10/24/2024
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ALPINE
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 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: 4.58 ft Loc. from endwall: not in 13.00 ft GCp: 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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.042 D 999 240 VERT(CL): 0.204 D 999 180 HORZ(LL): 0.028 N - - HORZ(TL): 0.135 N - - Creep Factor: 2.0 Max TC CSI: 0.673 Max BC CSI: 0.460 Max Web CSI: 0.912 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity AA 2138 - / - / /853 - / /284 N 6677 - / - / /1968 - / - AB 476 - / - / /242 /85 - Wind reactions based on MWFRS AA Brg Wid = - Min Req = - N Brg Wid = 4.0 Min Req = 3.9 (Truss) AB Brg Wid = 10.0 Min Req = 1.5 (Truss) Bearings N & AB 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.

Lumber
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.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 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

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
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)
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 I - O 91 - 3052
F - S 0 - 533 O - N 77 - 3110
S - R 1595 0 N - J 92 - 642



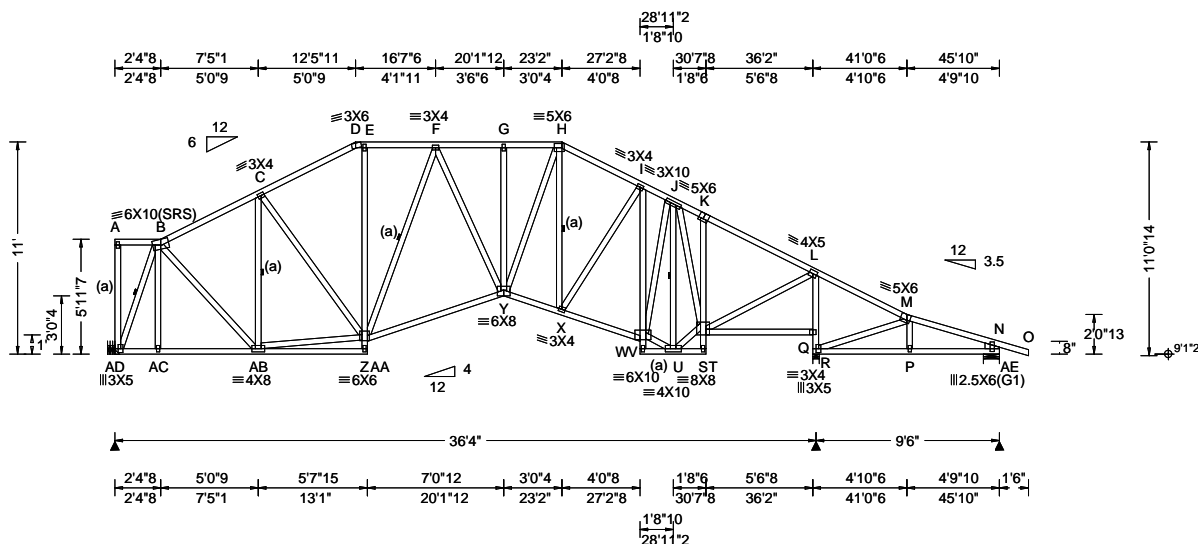
COA #0278

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

SEQN: 786484 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G03	Cust: R 215 JRRef: 1Y4d2150001 T28 DrwNo: 298.24.1045.45684 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.099 G 999 240 VERT(CL): 0.203 G 999 180 HORZ(LL): 0.066 Q - - HORZ(TL): 0.135 Q - - Creep Factor: 2.0 Max TC CSI: 0.438 Max BC CSI: 0.707 Max Web CSI: 0.741 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL AD 1476 - / - / - /814 - /282 Q 2040 - / - / - /1215 - / - AE 411 - / - / - /241 /86 - Non-Gravity AD Brg Wid = - Min Req = - Q 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 Tens.Comp. Chords Tens. Comp.

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 2X4 except as noted.

Hangers / Ties
(J) Hanger Support Required, by others

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

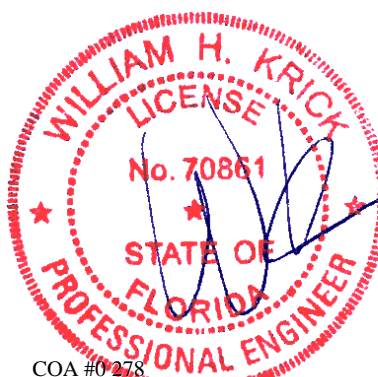
Wind
Wind loads based on MWFRS with additional C&C member design.
Left end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

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

Chords	Tens.Comp.	Chords	Tens. Comp.
B - C	149 - 1283	H - I	173 - 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
G - H	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		

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



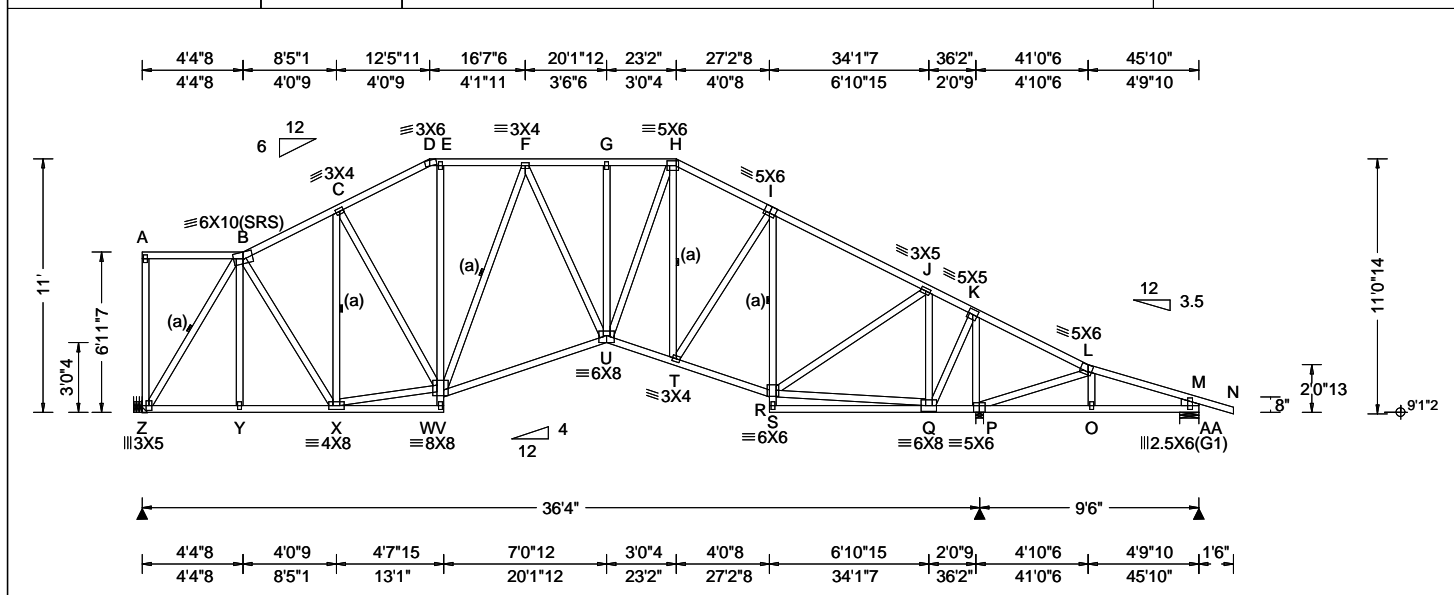
COA #0278

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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

ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 786487 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G04	Cust: R 215 JRRef: 1Y4d2150001 T44 DrwNo: 298.24.1045.45307 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 4.58 ft Loc. from endwall: not in 13.00 ft GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.088 G 999 240 VERT(CL): 0.182 G 999 180 HORZ(LL): 0.051 Q - - HORZ(TL): 0.106 Q - - Creep Factor: 2.0 Max TC CSI: 0.454 Max BC CSI: 0.693 Max Web CSI: 0.735 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Z 1443 -/- /- /770 -/- /281 P 2198 -/- /- /1325 -/- /- AA 315 -/- /- /162 /83 -/- Non-Gravity Wind reactions based on MWFRS Z Brg Wid = - Min Req = - P Brg Wid = 4.0 Min Req = 2.6 AA Brg Wid = 10.0 Min Req = 1.5 (Truss) Bearings P & 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.

Lumber	Additional Notes	Maximum Bot Chord Forces Per Ply (lbs)
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Rt Stub Wedge: 2x4 SP #3;	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.	Chords Tens.Comp. Chords Tens. Comp. B - C 154 -1269 G - H 78 -1635 C - D 161 -1396 H - I 149 -1557 D - E 182 -1215 I - J 163 -1372 E - F 182 -1209 K - L 674 -15 F - G 78 -1635

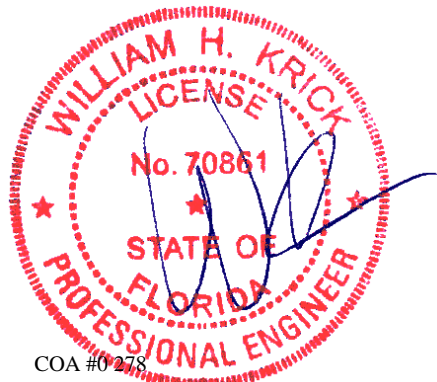
Bracing	Maximum Bot Chord Forces Per Ply (lbs)
(a) Continuous lateral restraint equally spaced on member.	Chords Tens.Comp. Chords Tens. Comp. Z - Y 852 -7 U - T 1409 0 Y - X 850 -8 T - R 1213 0 V - U 1542 0 Q - P 104 -438

Plating Notes	Maximum Web Forces Per Ply (lbs)
All plates are 2X4 except as noted.	Chords Tens.Comp. Chords 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

Hangers / Ties	Maximum Web Forces Per Ply (lbs)
(J) Hanger Support Required, by others	Chords Tens.Comp. Chords 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

Purlins	Maximum Web Forces Per Ply (lbs)
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	Chords Tens.Comp. Chords 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

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



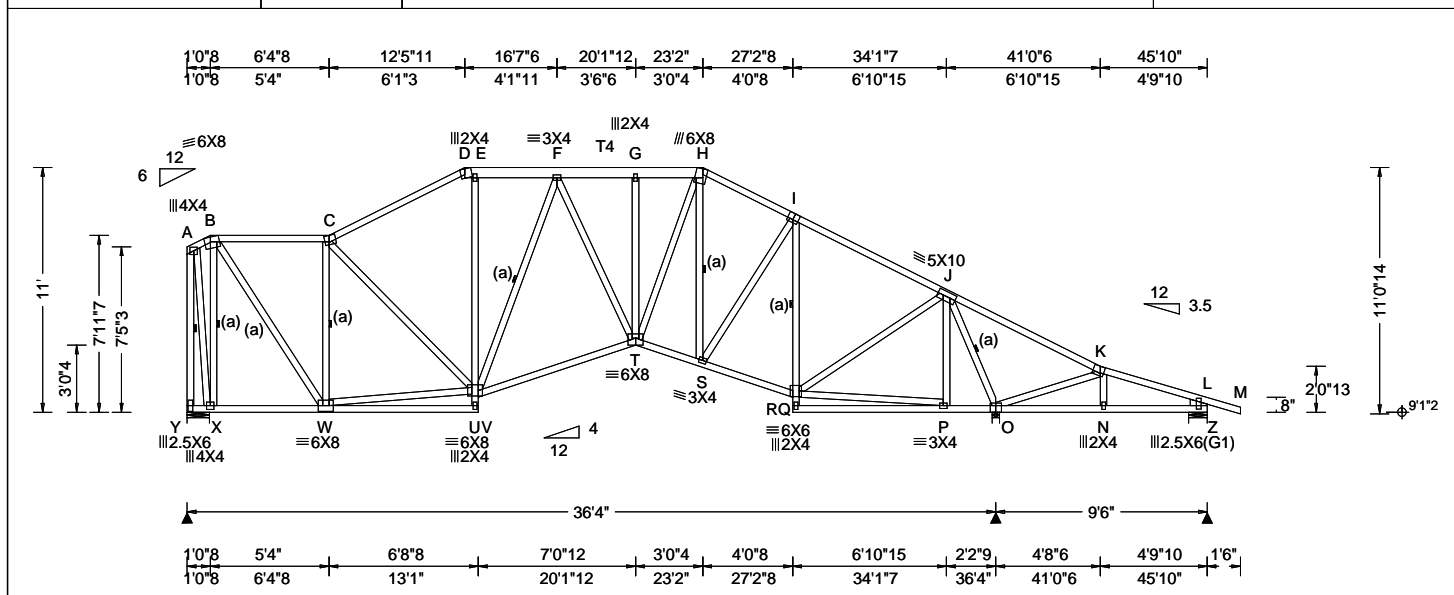
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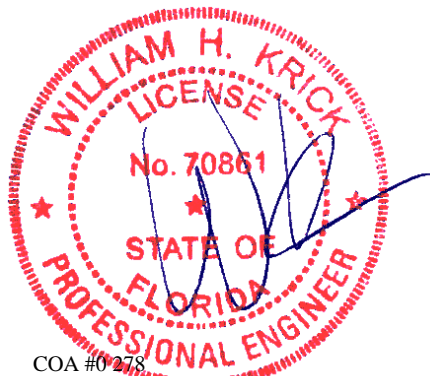
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Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria			▲ Maximum Reactions (lbs)						
TCLL: 20.00		Wind Std: ASCE 7-22		Pg: NA Ct: NA CAT: NA			PP Deflection in loc L/defl L/#			Gravity			Non-Gravity			
TCDL: 10.00		Speed: 130 mph		Pf: NA Ce: NA			VERT(LL): 0.091 G 999 240			Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00		Enclosure: Closed		Lu: NA Cs: NA			VERT(CL): 0.187 G 999 180			Y	1427	/-	/-	/730	/-	/280
BCDL: 10.00		Risk Category: II		Snow Duration: NA			HORZ(LL): 0.044 O - -			O	2264	/-	/-	/1576	/-	/-
Des Ld: 40.00		EXP: C Kzt: NA					HORZ(TL): 0.093 O - -			Z	281	/-12	/-	/120	/92	/-
NCBCLL: 10.00		Mean Height: 15.00 ft		Building Code:			Creep Factor: 2.0			Wind reactions based on MWFRS						
Soffit: 2.00		TCDL: 5.0 psf		FBC 8th Ed. 2023 Res. HVHZ			Max TC CSI: 0.726			Y Brg Wid = 12.0 Min Req = 1.7 (Truss)						
Load Duration: 1.25		BCDL: 5.0 psf		TPI Std: 2014			Max BC CSI: 0.691			O Brg Wid = 4.0 Min Req = 2.7						
Spacing: 24.0 "		MWFRS Parallel Dist: h to 2h		Rep Fac: Yes			Max Web CSI: 0.537			Z Brg Wid = 10.0 Min Req = 1.5 (Truss)						
		C&C Dist a: 4.58 ft		FT/RT:20(0)/10(0)						Bearings Y, O, & Z are a rigid surface.						
		Loc. from endwall: not in 13.00 ft		Plate Type(s):						Members not listed have forces less than 375#						
		GCpi: 0.18		WAVE			VIEW Ver: 23.02.04.0123.14			Maximum Top Chord Forces Per Ply (lbs)						
		Wind Duration: 1.60								Chords Tens.Comp. Chords Tens. Comp.						

Lumber Top chord: 2x4 SP #2; T4 2x6 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.	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 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".
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Bracing (a) Continuous lateral restraint equally spaced on member. Plating Notes All plates are F50, except as noted.	Maximum Bot Chord Forces Per Ply (lbs)				
	Chords	Tens.Comp.	Chords	Tens. Comp.	
	U - T	1522 0	S - Q	1157	0
	T - S	1372 0			



COA #0278

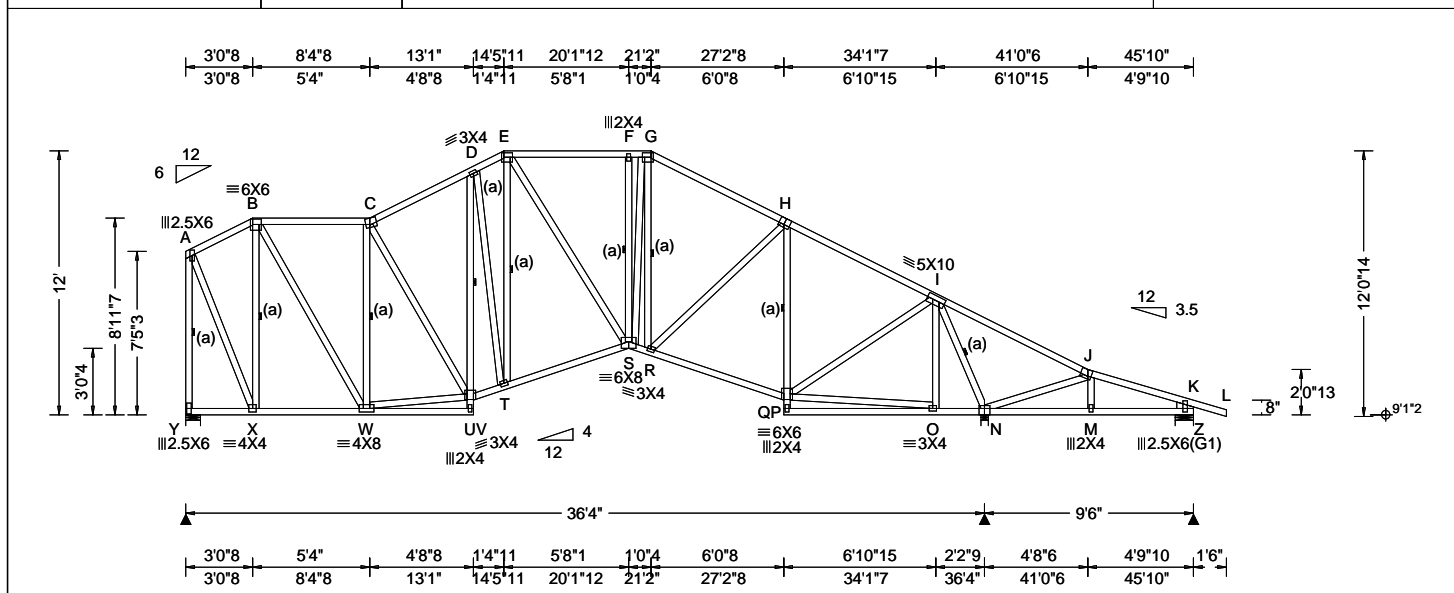
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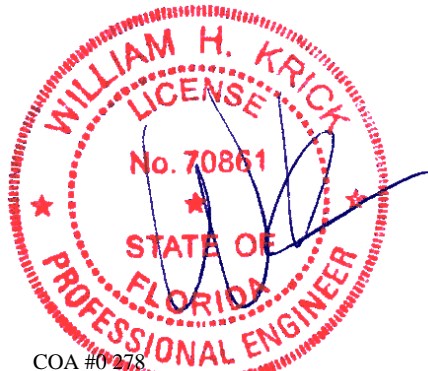
SEQN: 786522 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G06	Cust: R 215 JRRef: 1Y4d2150001 T68 DrwNo: 298.24.1045.44962 KD / WHK 10/24/2024
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Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)		Defl/CSI Criteria		▲ 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):	0.083	F	999	240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL:	0.00	Enclosure:	Closed	Lu: NA	Cs: NA		VERT(CL):	0.171	F	999	180	Y	1435	/-	/-	/763	/-	/308
BCDL:	10.00	Risk Category:	II	Snow Duration:	NA		HORZ(LL):	0.040	N	-	-	N	2246	/-	/-	/1365	/-	/-
		EXP: C	Kzt: NA				HORZ(TL):	0.086	N	-	-	Z	290	/-	/-	/135	/79	/-
Des Ld:	40.00	Mean Height:	16.05 ft				Creep Factor:	2.0				Wind reactions based on MWFRS						
NCBCLL:	10.00	TCDL:	5.0 psf	Building Code:			Max TC CSI:	0.696				Y	Brg Wid = 8.0	Min Req = 1.7	(Truss)			
Soffit:	2.00	BCDL:	5.0 psf	FBC 8th Ed. 2023 Res. HVHZ			Max BC CSI:	0.526				N	Brg Wid = 4.0	Min Req = 2.7				
Load Duration:	1.25	MWFRS Parallel Dist:	h to 2h	TPI Std: 2014			Max Web CSI:	0.501				Z	Brg Wid = 10.0	Min Req = 1.5	(Truss)			
Spacing:	24.0 "	C&C Dist a:	4.58 ft	Rep Fac: Yes								Bearings Y, N, & Z are a rigid surface.						
		Loc. from endwall:	not in 13.00 ft	FT/RT:20(0)/10(0)								Members not listed have forces less than 375#						
		GCpi:	0.18	Plate Type(s):								Maximum Top Chord Forces Per Ply (lbs)						
		Wind Duration:	1.60	WAVE							VIEW Ver: 23.02.04.0123.14	Chords	Tens.Comp.	Chords	Tens. Comp.			

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.	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 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.
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Bracing (a) Continuous lateral restraint equally spaced on member. Plating Notes All plates are 5X6 except as noted.	Maximum Bot Chord Forces Per Ply (lbs)					
	<u>Chords</u>		<u>Tens.Comp.</u>		<u>Chords</u>	
					<u>Tens. Comp.</u>	
	X - W		487 - 99		S - R 1409 0	
	U - T		1207 0		R - P 1205 0	
	T - S		1253 0			



COA #0278

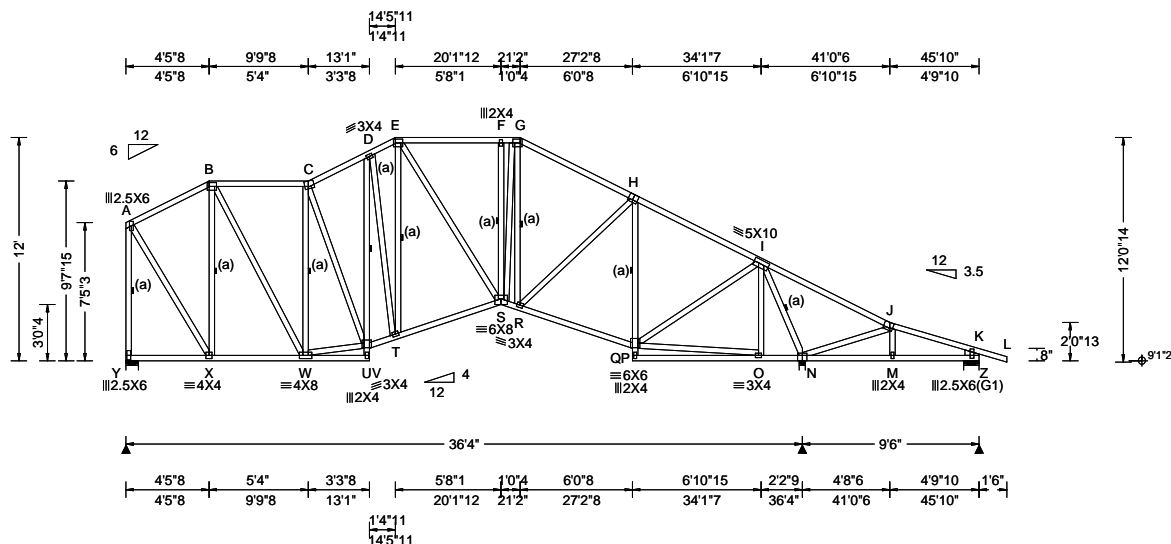
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SEQN: 786525 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G07	Cust: R 215 JRRef: 1Y4d2150001 T74 DrwNo: 298.24.1045.45087 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 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 GCp: 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.082 F 999 240 VERT(CL): 0.169 F 999 180 HORZ(LL): 0.041 N - - HORZ(TL): 0.086 N - - Creep Factor: 2.0 Max TC CSI: 0.694 Max BC CSI: 0.526 Max Web CSI: 0.500 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Y 1436 -/- /- /767 -/- /308 N 2243 -/- /- /1367 -/- /- Z 292 -/- /- /136 /79 -/- Non-Gravity Y Brg Wid = 8.0 Min Req = 1.7 (Truss) N Brg Wid = 4.0 Min Req = 2.6 Z Brg Wid = 10.0 Min Req = 1.5 (Truss) Bearings Y, N, & Z 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.

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.

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.

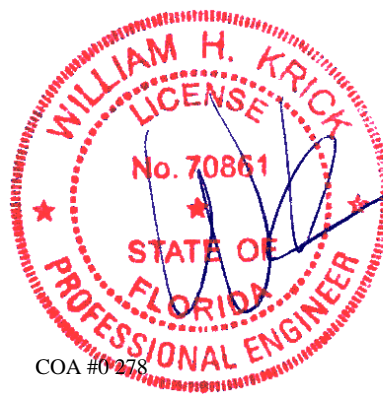
Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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



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Lumber Top chord: 2x4 SP #2; T5,T6 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Rt Stub Wedge: 2x4 SP #3;	Purlins In lieu of structural panels use purlins to brace all flat TC @ 24" oc.	A - B 117 -660 F - G 157 -1657 B - C 161 -978 G - H 156 -2123 C - D 181 -1245 H - I 145 -2162 D - E 185 -1275 I - J 1428 -57 E - F 156 -1655																								
Bracing (a) Continuous lateral restraint equally spaced on member.	Wind Wind loads based on MWFRS with additional C&C member design. Left end vertical not exposed to wind pressure.																									
Nailnote 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. Use equal spacing between rows and stagger nails	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 Surface Brg block to be same size and species as chord. Refer to drawing CNNAILSP1014 for more information.	Maximum Bot Chord Forces Per Ply (lbs) <table><tr><th>Chords</th><th>Tens.</th><th>Comp.</th><th>Chords</th><th>Tens.</th><th>Comp.</th></tr><tr><td>X - W</td><td>563</td><td>-45</td><td>S - R</td><td>1738</td><td>0</td></tr><tr><td>U - T</td><td>1130</td><td>0</td><td>R - P</td><td>1775</td><td>-9</td></tr><tr><td>T - S</td><td>1209</td><td>0</td><td>O - N</td><td>462</td><td>0</td></tr></table>	Chords	Tens.	Comp.	Chords	Tens.	Comp.	X - W	563	-45	S - R	1738	0	U - T	1130	0	R - P	1775	-9	T - S	1209	0	O - N	462	0
Chords	Tens.	Comp.	Chords	Tens.	Comp.																					
X - W	563	-45	S - R	1738	0																					
U - T	1130	0	R - P	1775	-9																					
T - S	1209	0	O - N	462	0																					
		Maximum Web Forces Per Ply (lbs) <table><tr><th>Webs</th><th>Tens.</th><th>Comp.</th><th>Webs</th><th>Tens.</th><th>Comp.</th></tr></table>	Webs	Tens.	Comp.	Webs	Tens.	Comp.																		
Webs	Tens.	Comp.	Webs	Tens.	Comp.																					

Plating Notes
All plates are 3X4 except as noted.

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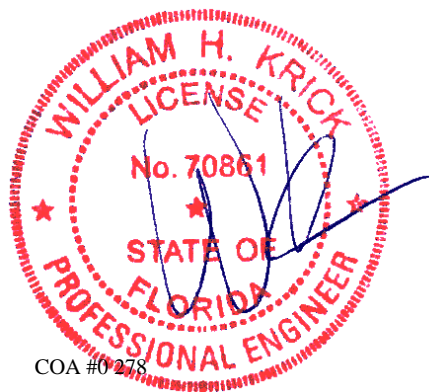
SEQN: 786528 / FROM: CDM Page 2 of 2	SPEC Ply: 2 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G08	Cust: R 215 JRef: 1Y4d2150001 T64 DrwNo: 298.24.1045.45322 KD / WHK 10/24/2024
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Additional Notes

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

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.



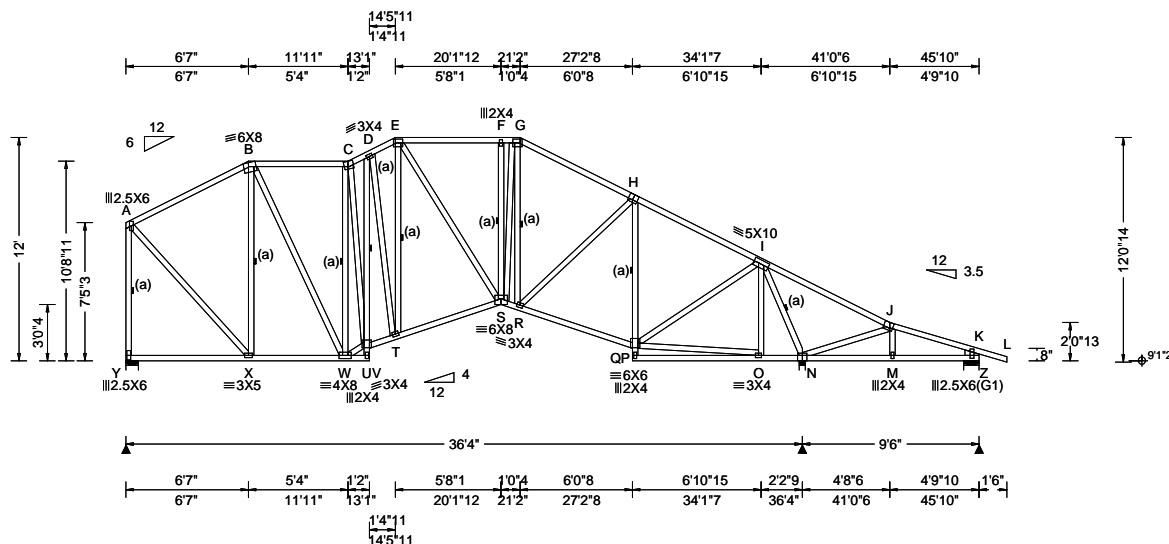
COA #0278

10/24/2024
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SEQN: 786531 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G09	Cust: R 215 JRRef: 1Y4d2150001 T71 DrwNo: 298.24.1045.45575 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 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 GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.086 F 999 240 VERT(CL): 0.179 F 999 180 HORZ(LL): 0.048 N - - HORZ(TL): 0.102 N - - Creep Factor: 2.0 Max TC CSI: 0.701 Max BC CSI: 0.524 Max Web CSI: 0.738 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Y 1433 -/- /- /770 -/- /308 N 2259 -/- /- /1378 -/- /- Z 286 -/- /- /130 /84 -/- Non-Gravity Y Brg Wid = 8.0 Min Req = 1.7 (Truss) N Brg Wid = 4.0 Min Req = 2.7 Z Brg Wid = 10.0 Min Req = 1.5 (Truss) Bearings Y, N, & Z 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.

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.

Purlins

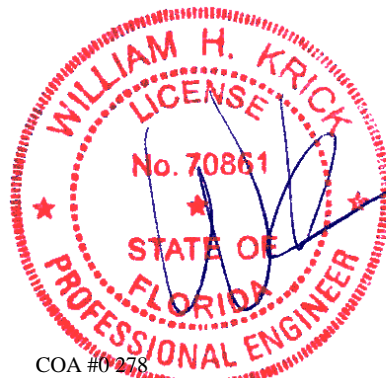
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

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

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



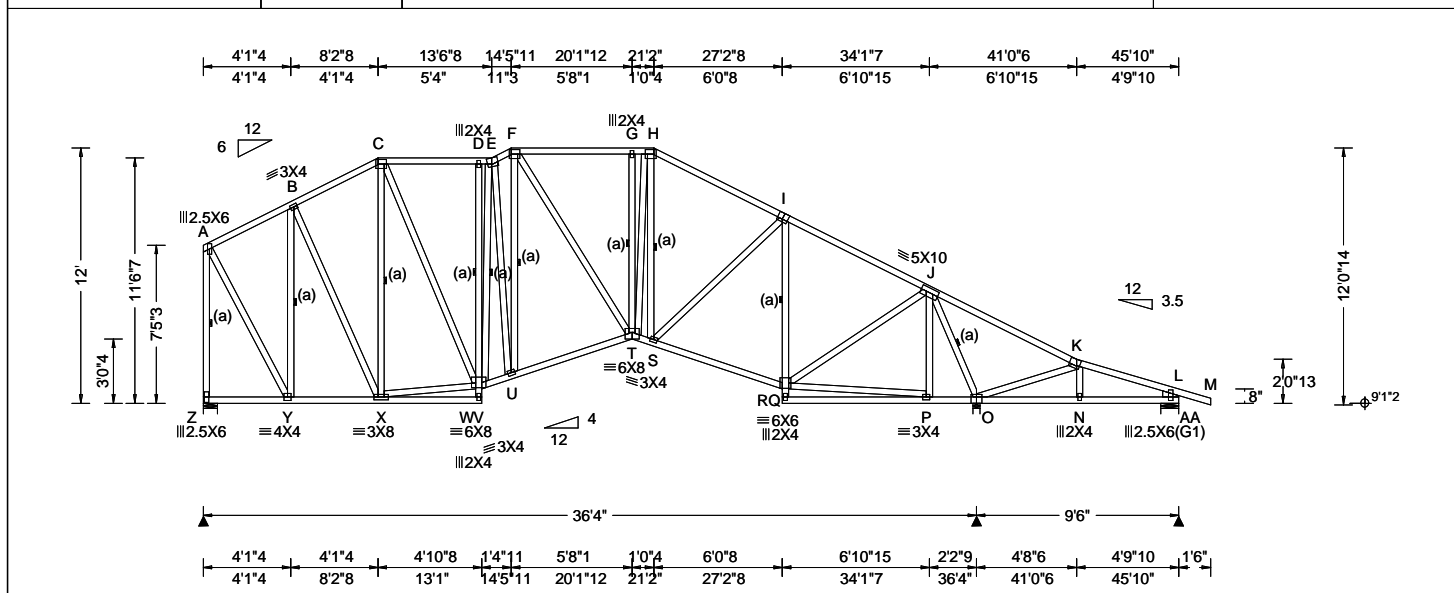
COA #0 278

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North Building, 4th Floor
Glenview, IL 60025

SEQN: 786551 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G10	Cust: R 215 JRef: 1Y4d2150001 T37 DrwNo: 298.24.1045.45056 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 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 GCp: 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.080 G 999 240 VERT(CL): 0.166 G 999 180 HORZ(LL): 0.041 O - - HORZ(TL): 0.087 O - - Creep Factor: 2.0 Max TC CSI: 0.692 Max BC CSI: 0.526 Max Web CSI: 0.498 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Z 1437 -/- /- /777 -/- /308 O 2234 -/- /- /1373 -/- /- AA 293 -/- /- /136 /81 -/- Wind reactions based on MWFRS Z Brg Wid = 8.0 Min Req = 1.7 (Truss) O 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.

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

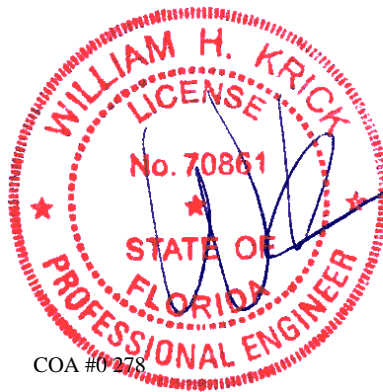
Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 5X6 except as noted.

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



COA #0278

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

The diagram illustrates a truss bridge structure with various members and joints. Key dimensions and labels include:

- Members:**
 - Top chord: $\equiv 6X6$ (C, F, G, H), $\equiv 3X5$ (B), $\equiv 5X5$ (I), $\equiv 3X4$ (J), $\equiv 4X5$ (K).
 - Bottom chord: $\equiv 2.5X6$ (V, W), $\equiv 4X8$ (U, M), $\equiv 6X8$ (S, T, R, Q, P, O, N).
 - Verticals: $\equiv 2X4$ (D, E), $\equiv 6X8$ (a), $\equiv 3X4$ (Q, P).
 - Diagonals: $\equiv 4X5$ (B), $\equiv 5X5$ (I), $\equiv 3X4$ (J), $\equiv 4X5$ (K).
- Joints:** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W.
- Dimensions:**
 - Overall length: 41'2".
 - Overall height: 12'.
 - Horizontal segments (top): 3'8", 7'4", 12'8", 14'5"11, 20'1"12, 21'2"10, 27'2"8, 34'2"4, 41'2".
 - Horizontal segments (bottom): 7'4", 5'9", 1'4"11, 5'8"1, 1'0"4, 6'0"8, 6'11"12, 6'11"12.
 - Vertical segments: 30'4", 11'1"3, 7'5"3, 8", 9'1"2.
- Angles:**
 - Angle 12 (at joint B).
 - Angle 4 (at joint Q).

Lumber	C - D	376 - 1490	H - I	394 - 2218
Top chord: 2x4 SP #2;	D - E	306 - 1291	I - J	430 - 2253
Bot chord: 2x4 SP #2;	E - F	394 - 1731	J - K	379 - 2047
Webs: 2x4 SP #3;	F - G	374 - 1972		

All plates are 2X4 except as noted.

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

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

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

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

COA #0278
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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 Institute) and Steel Deck Institute's (SDI) "Safe Practices for Installing Steel Decking" for all provide temporary bracing. BCSI's "Unlabeled Truss" and "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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The diagram illustrates a roof truss system with the following components and dimensions:

- Members:**
 - Top Chord: $\equiv 6X6$ (B-C), $\equiv 5X5$ (SRS) (C-D), $\equiv 6X6$ (D-E), $\equiv 5X5$ (H-I), $\equiv 4X6$ (A2) (I-J).
 - Bottom Chord: $\equiv 2.5X6$ (T), $\equiv 4X4$ (S), $\equiv 4X10$ (R), $\equiv 8X8$ (PQ), $\equiv 6X10$ (O), $\equiv 5X10$ (M), $\equiv 5X6$ (L), $\equiv 4X6$ (A2) (J).
 - Vertical/Intermediate: $\equiv 3X6$ (A-B), $\equiv 3X6$ (C-D), $\equiv 5X5$ (H), $\equiv 5X10$ (N), $\equiv 5X6$ (L).
 - Diagonal: $\equiv 3X6$ (A-B), $\equiv 3X6$ (C-D), $\equiv 3X6$ (D-E), $\equiv 3X6$ (E-F), $\equiv 3X6$ (F-G), $\equiv 3X6$ (G-H), $\equiv 3X6$ (H-I), $\equiv 3X6$ (I-J).
- Joints:** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T.
- Dimensions:**
 - Horizontal: 5'10", 5'4", 1'11", 1'11", 19'2"5, 23'8"2, 27'2"8, 33'11", 41'2", 1'6".
 - Vertical: 11'4", 10'4"3, 7'5"3, 3'0"4, 8", 120'12, 9'1"2.
- Angles:** 6, 12, 4, 12, 3, 4, 9'1"2.

Lumber	B - C	357 - 1365	G - H	378 - 2764
Top chord: 2x4 SP #2;	C - D	402 - 1715	H - I	457 - 2912
Bot chord: 2x4 SP #2;	D - E	299 - 1430	I - J	479 - 3179
Webs: 2x4 SP #3; W14 2x4 SP #2:	E - F	358 - 1509		

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.	Maximum Web Forces Per Ply (lbs)				
	Webs	Tens.Comp.	Webs	Tens. Comp.	
	A - T	392 - 1644	C - P	604	0

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.

WILLIAM H. KRICK
 LICENSE
 No. 70861
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

COA #0278

COA #0278
10/24/2024
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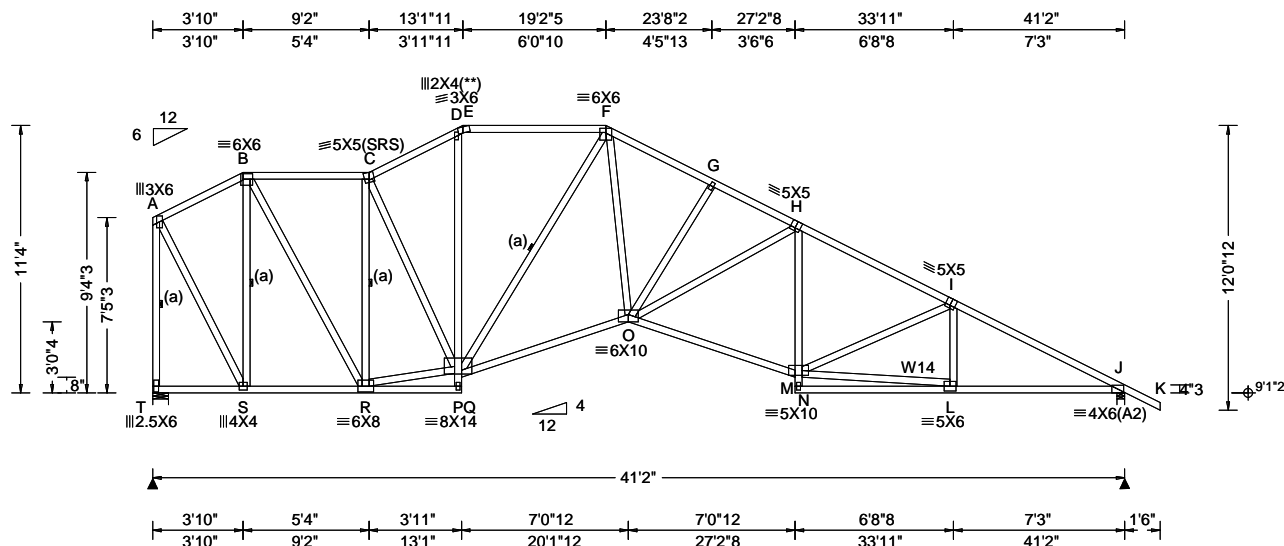
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 786588 / FROM: CDM	SPEC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G13	Cust: R 215 JRRef: 1Y4d2150001 T45 DrwNo: 298.24.1045.45103 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 15.32 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.12 ft Loc. from endwall: not in 13.00 ft GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.210 G 999 240 VERT(CL): 0.432 G 999 180 HORZ(LL): 0.102 J - - HORZ(TL): 0.210 J - - Creep Factor: 2.0 Max TC CSI: 0.654 Max BC CSI: 0.872 Max Web CSI: 0.847 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL T 1691 - / - / - / 907 - / 304 J 1804 - / - / - / 1158 / 13 - / - Wind reactions based on MWFRS T Brg Wid = 8.0 Min Req = 2.0 (Truss) J Brg Wid = 4.0 Min Req = 2.1 (Truss) Bearings T & J 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. A - B 210 -787 F - G 379 -2648 B - C 338 -1328 G - H 370 -2764 C - D 369 -1734 H - I 455 -2912 D - E 306 -1427 I - J 474 -3179 E - F 363 -1503

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 2X4 except as noted.

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

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 11'-4.0.

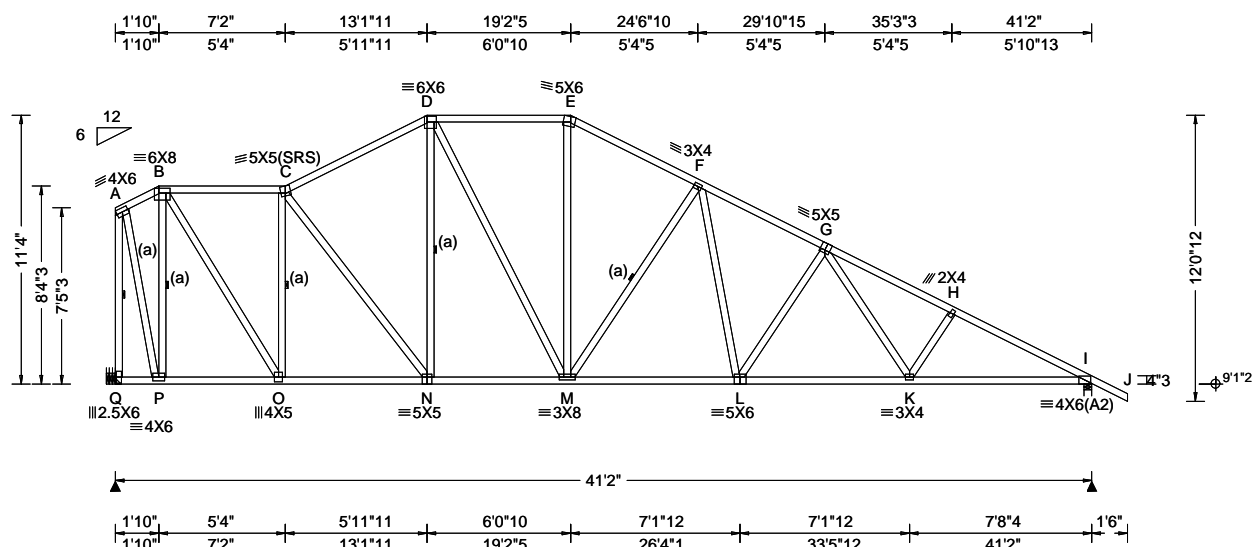


COA #0218

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



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/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): 0.163 L 999 240	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.334 L 999 180	Q 1686 /- /- /902 /6 /304
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.056 I - -	I 1803 /- /- /1148 /11 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.115 I - -	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.32 ft	Building Code:	Creep Factor: 2.0	Q Brg Wid = - Min Req = -
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res. HVHZ	Max TC CSI: 0.457	I Brg Wid = 4.0 Min Req = 2.1 (Truss)
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.801	Bearing I is a rigid surface.
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.603	Members not listed have forces less than 375#
	C&C Dist a: 4.12 ft	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: not in 13.00 ft	Plate Type(s):		Chords Tens.Comp. Chords Tens. Comp.
	GCpi: 0.18			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.04.0123.14	A - B 108 - 430 E - F 364 - 1830

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member

Hangars / Ties

(J) Hanger Support Required, by others

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 11-4-0.



COA #0278

Florida Certificate of Product Approval #FL 1999

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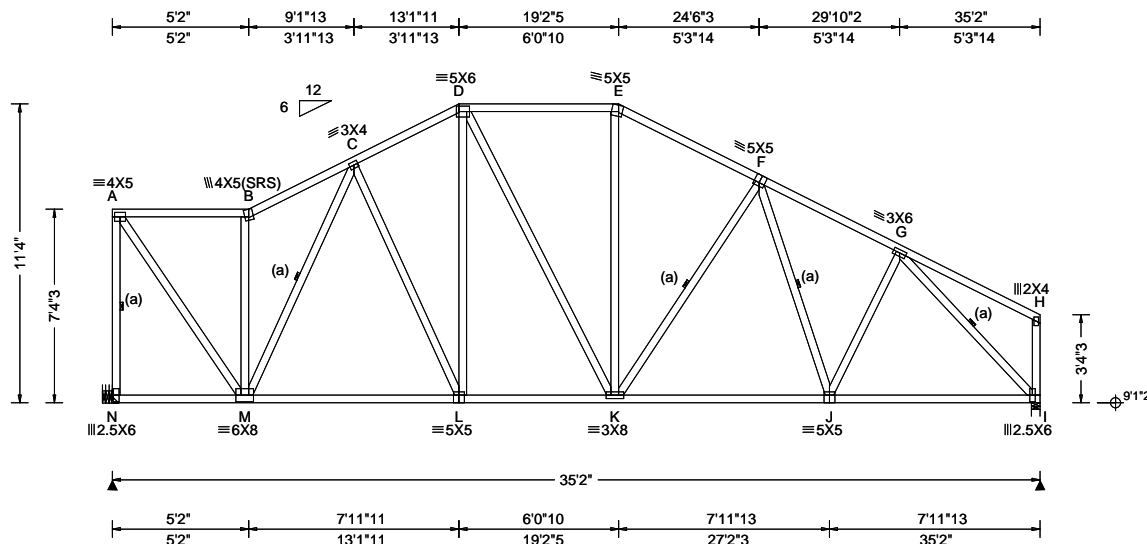
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Notes page for additional information:
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 786571 / FROM: CDM	COMN	Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G15	Cust: R 215 JRef: 1Y4d2150001 T40 DrwNo: 298.24.1045.44868 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 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 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL N 1447 - / - / /749 /175 /212 I 1447 - / - / /851 /145 - Wind reactions based on MWFRS N Brg Wid = - Min Req = - I Brg Wid = 4.0 Min Req = 1.7 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 177 -909 D - E 305 -1163 B - C 268 -1093 E - F 285 -1371 C - D 279 -1278 F - G 288 -1505

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

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 11'-4"-0.



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Additional Notes

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

COA #0278

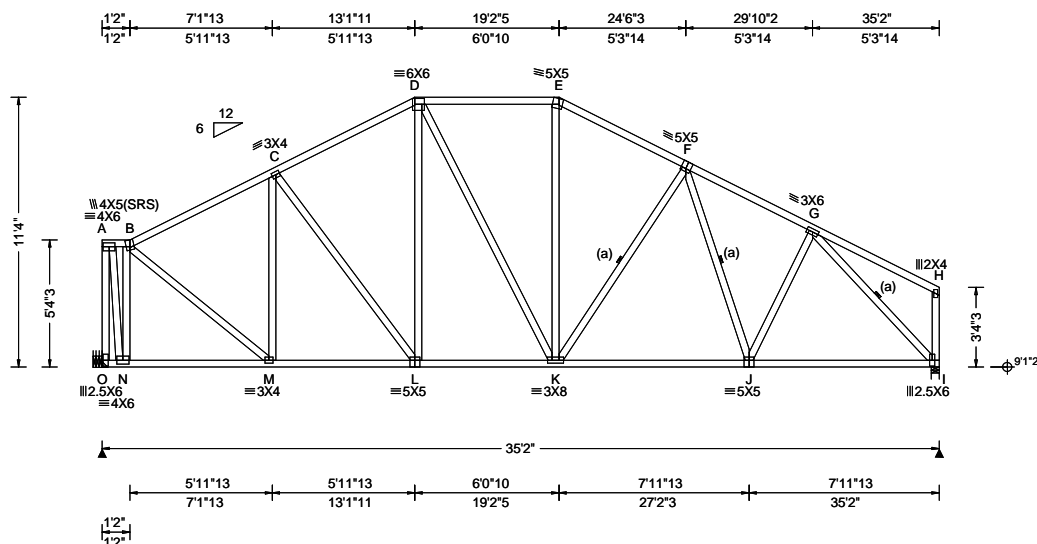
10/24/2024

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A red circular seal for the State of Florida Professional Engineer. The seal contains the text "No. 70861" at the top, "STATE OF FLORIDA" in the center, and "PROFESSIONAL ENGINEER" at the bottom. There are three stars around the inner circle. A blue ink signature is written over the seal.

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SEQN: 786568 / FROM: CDM	COMN Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: G17	Cust: R 215 JRef: 1Y4d2150001 T17 DrwNo: 298.24.1045.45542 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 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 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.058 K 999 240 VERT(CL): 0.119 K 999 180 HORZ(LL): 0.028 I - - HORZ(TL): 0.057 I - - Creep Factor: 2.0 Max TC CSI: 0.417 Max BC CSI: 0.715 Max Web CSI: 0.732 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL O 1447 - / - / /787 /158 /212 I 1447 - / - / /842 /157 - Wind reactions based on MWFRS O Brg Wid = - Min Req = - I Brg Wid = 4.0 Min Req = 1.7 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 211 - 1249 E - F 290 - 1371 C - D 277 - 1314 F - G 292 - 1505 D - E 309 - 1163

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

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 11'-4"-0.



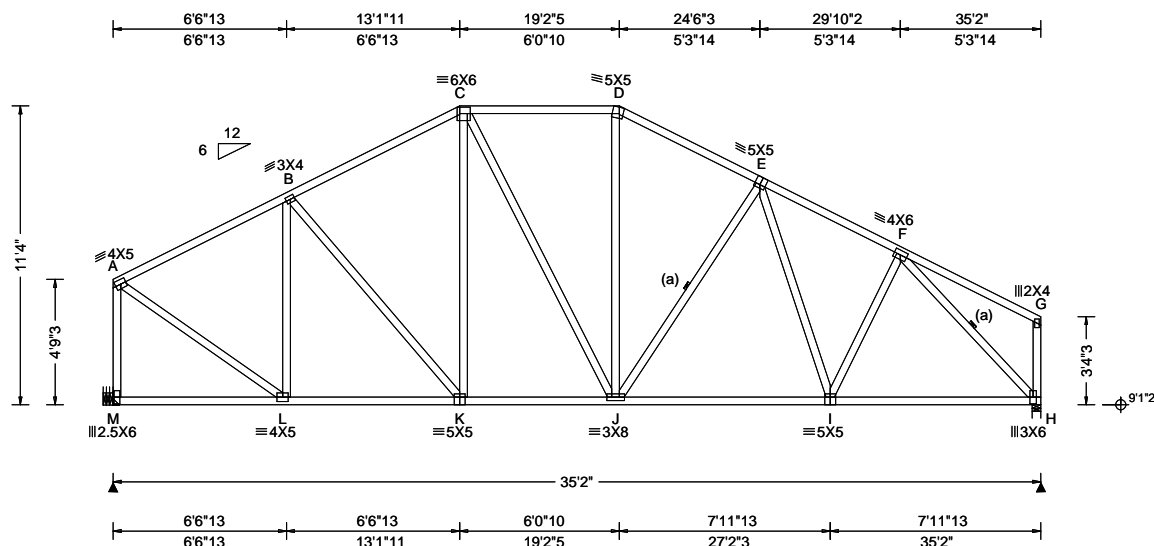
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SEQN: 786560 / FROM: CDM	COMN	Ply: 1 Qty: 4	Job Number: 24-1376B Hunter Truss Label: G18	Cust: R 215 JRef: 1Y4d2150001 T49 DrwNo: 298.24.1045.44821 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: 17.19 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.52 ft Loc. from endwall: Any GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.076 J 999 240 VERT(CL): 0.135 J 999 180 HORZ(LL): 0.038 H - - HORZ(TL): 0.066 H - - Creep Factor: 2.0 Max TC CSI: 0.754 Max BC CSI: 0.893 Max Web CSI: 0.727 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL M 1693 - / - / - /803 /154 /212 H 1732 - / - / - /840 /160 - / - Non-Gravity Wind reactions based on MWFRS M Brg Wid = - Min Req = - H Brg Wid = 4.0 Min Req = 2.0 (Truss) Bearing H is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 374 - 1465 D - E 508 - 1661 B - C 482 - 1601 E - F 534 - 1845 C - D 515 - 1423

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

Loading

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

Purlins

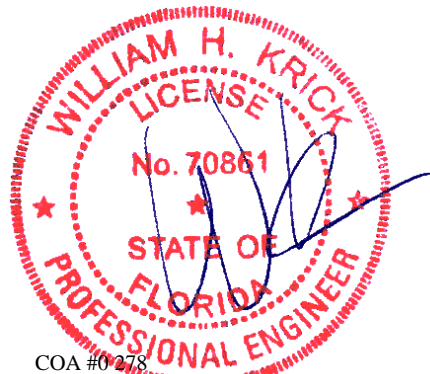
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

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

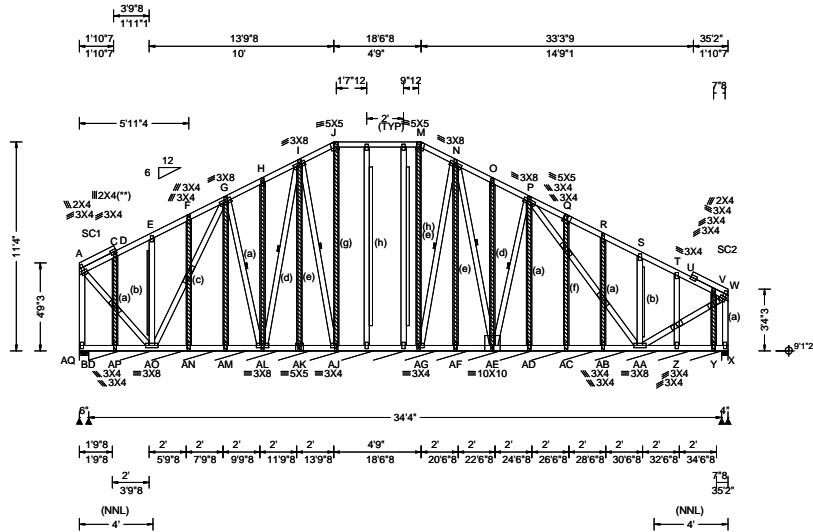


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Glenview, IL 60025



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/def L/#		Gravity			Non-Gravity			
TCDL: 10.00		Speed: 130 mph		Pf: NA Ce: NA			VERT(LL): 0.001 U 999 240		Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00		Enclosure: Closed		Lu: NA Cs: NA			VERT(CL): 0.003 U 999 180		AQ 69 -/- /126 /65 /216						
BCDL: 10.00		Risk Category: II		Snow Duration: NA			HORZ(LL): 0.007 U - -		BD*81 -/- /43 /18 -/						
Des Ld: 40.00		EXP: C Kzt: NA					HORZ(TL): 0.008 U - -		X 52 -/- /60 /17 -/						
NCBCLL: 10.00		Mean Height: 16.27 ft		Building Code:			Creep Factor: 2.0		Wind reactions based on MWFRS						
Soffit: 2.00		TCDL: 5.0 psf		FBC 8th Ed. 2023 Res. HVHZ			Max TC CSI: 0.071		AQ Brg Wid = 6.0 Min Req = 1.5 (Truss)						
Load Duration: 1.25		BCDL: 5.0 psf		TPI Std: 2014			Max BC CSI: 0.046		BD Brg Wid = 412 Min Req = -						
Spacing: 24.0 "		MWFRS Parallel Dist: 0 to h/2		Rep Fac: Yes			Max Web CSI: 0.977		X Brg Wid = 4.0 Min Req = 1.5 (Truss)						
		C&C Dist a: 3.52 ft		FT/RT:20(0)/10(0)					Bearings AQ, BD, & X are a rigid surface.						
		Loc. from endwall: Any		Plate Type(s):					Members not listed have forces less than 375#						
		GCpi: 0.18		WAVE											
		Wind Duration: 1.60					VIEW Ver: 23.02.04.0123.14								

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.

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.

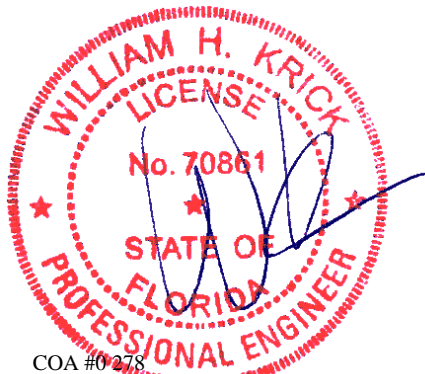
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/282.

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".



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



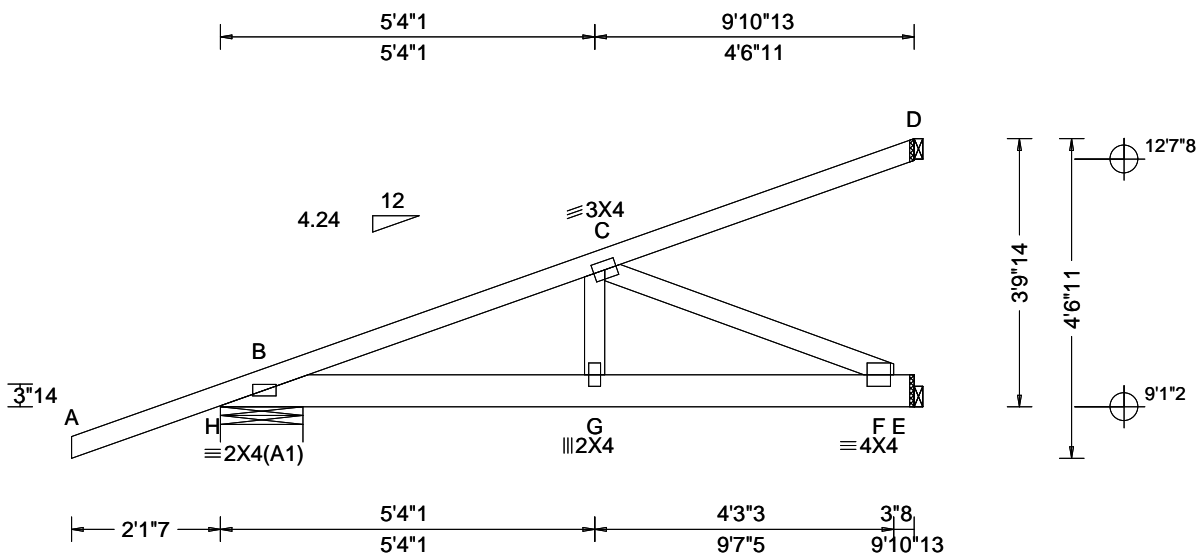
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SEQN: 782188 / FROM: CDM	HIP_	Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: HJ03	Cust: R 215 JRRef: 1Y4d2150001 T9 DrwNo: 298.24.1045.42968 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 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: NA GCp: 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: No FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.015 G 999 240 VERT(CL): 0.031 G 999 180 HORZ(LL): -0.004 D - - HORZ(TL): 0.008 D - - Creep Factor: 2.0 Max TC CSI: 0.571 Max BC CSI: 0.295 Max Web CSI: 0.323 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity H 467 /- /- /- /95 /- E 374 /- /0 /- /14 /- D 242 /- /- /- /93 /- Wind reactions based on MWFRS H Brg Wid = 14.1 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing H is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.

Lumber

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

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.



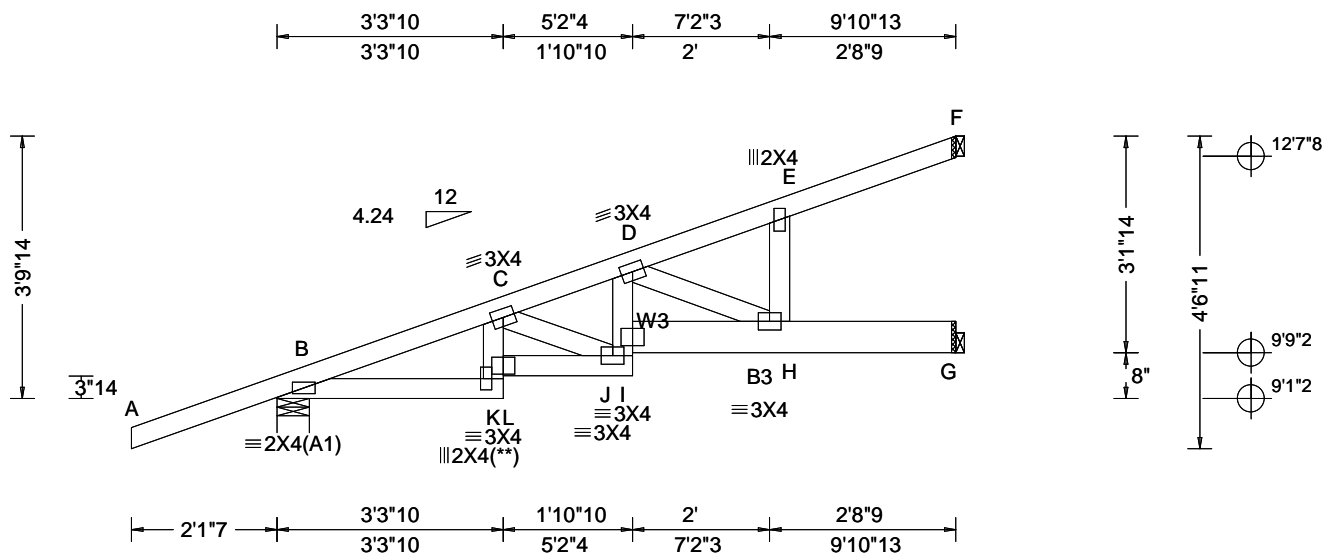
COA #0278

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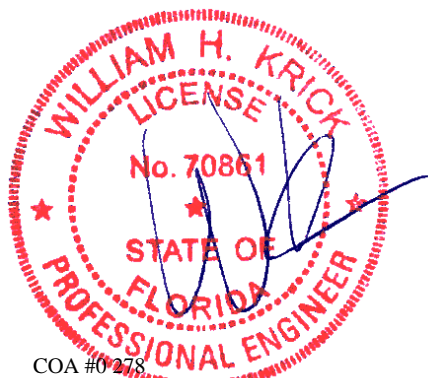
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 770625 / FROM: CDM	HIP_ Qty: 1	Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: HJ04	Cust: R215 JRef: 1Y4d2150001 T34 / DrwNo: 298.24.1045.42748 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 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: NA 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: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.111 E 999 240 VERT(CL): 0.222 E 527 180 HORZ(LL): 0.037 E - - HORZ(TL): 0.074 E - - Creep Factor: 2.0 Max TC CSI: 0.553 Max BC CSI: 0.947 Max Web CSI: 0.758 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL B 461 -/- /- /97 -/ G 387 -/- /- /36 -/ F 234 -/- /- /70 -/ Wind reactions based on MWFRS B Brg Wid = 5.7 Min Req = 1.5 (Truss) G Brg Wid = 1.5 Min Req = - F Brg Wid = 1.5 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.

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 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
	Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. D - H 174 -1010



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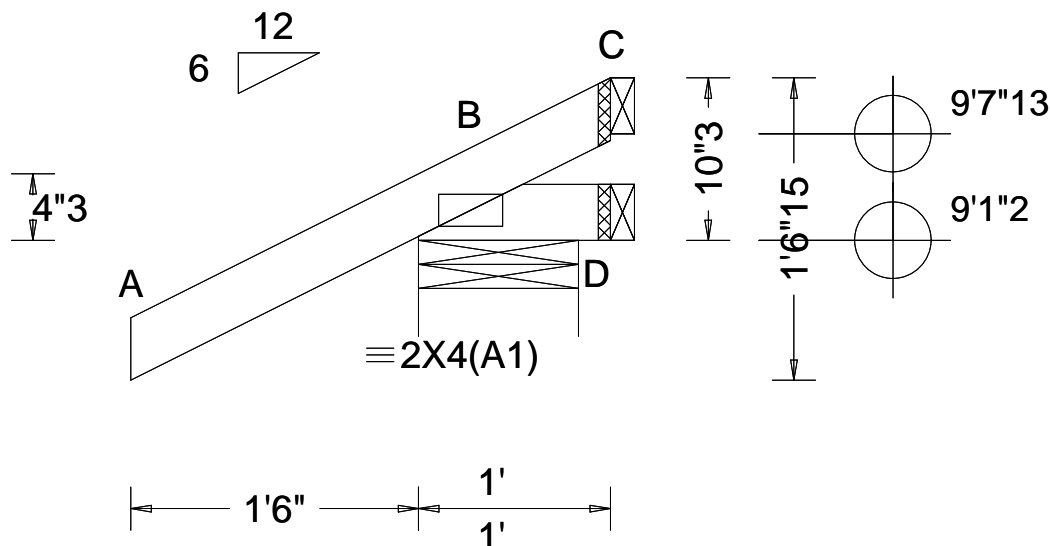
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 770593 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 24-1376B Hunter Truss Label: J01	Cust: R 215 JRef: 1Y4d2150001 T25 / DrwNo: 298.24.1045.43455 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.243 Max BC CSI: 0.034 Max Web CSI: 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 254 /- /- /202 /70 /38 D 4 /-18 /- /16 /16 /- C - /-53 /- /34 /51 /- Wind reactions based on MWFRS B Brg Wid = 10.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes

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



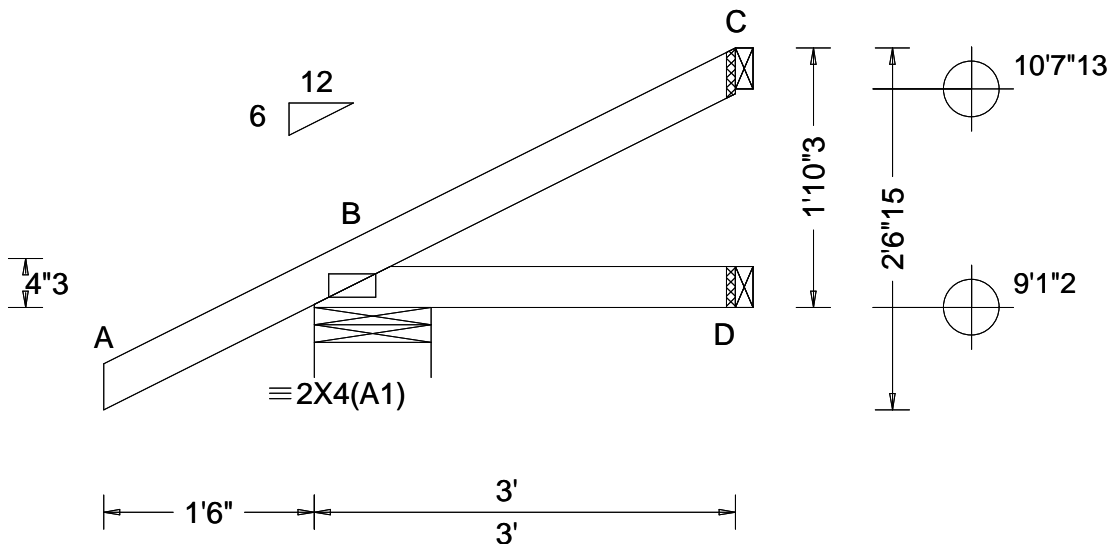
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SEQN: 770595 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 24-1376B Hunter Truss Label: J02	Cust: R 215 JRef: 1Y4d2150001 T24 / DrwNo: 298.24.1045.42936 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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 GCp: 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	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 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 262 - / - /190 /42 /74 D 49 - / - /26 - / - C 62 - / - /36 /34 - Wind reactions based on MWFRS B Brg Wid = 10.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

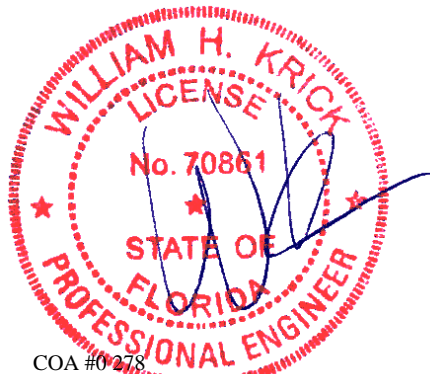
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes

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



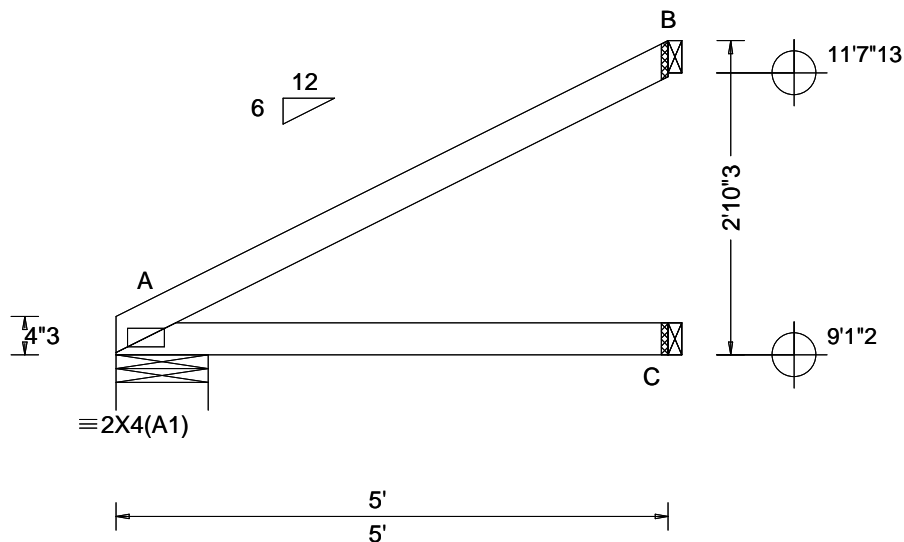
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SEQN: 782184 / FROM: CDM	JACK Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: J03	Cust: R 215 JRef: 1Y4d2150001 T8 / DrwNo: 298.24.1045.44100 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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 GCp: 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.006 A - - HORZ(TL): 0.012 A - - Creep Factor: 2.0 Max TC CSI: 0.361 Max BC CSI: 0.251 Max Web CSI: 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 212 - / - /136 /13 /89 C 93 - / - /55 - / - B 137 - / - /88 /68 - Wind reactions based on MWFRS A Brg Wid = 10.0 Min Req = 1.5 (Truss) C Brg Wid = 1.5 Min Req = - B Brg Wid = 1.5 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

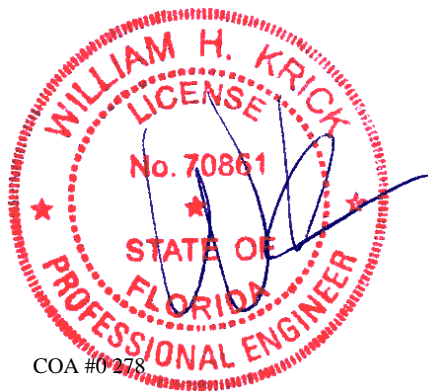
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind

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 2-10-3.



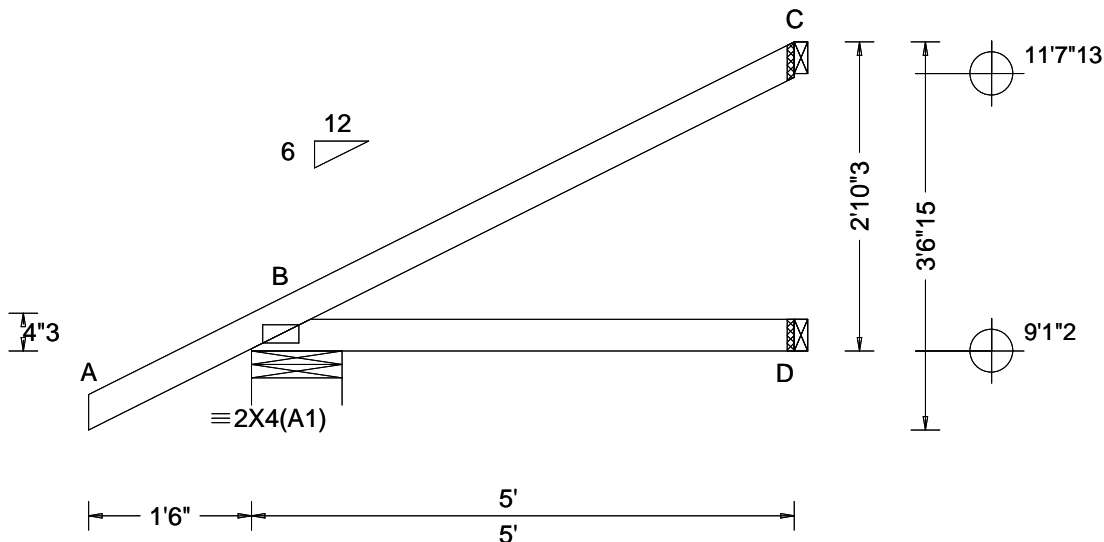
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Glenview, IL 60025

SEQN: 782344 / FROM: CDM	JACK Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: J04	Cust: R 215 JRef: 1Y4d2150001 T23 / DrwNo: 298.24.1045.42763 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 B - - HORZ(TL): 0.008 B - - Creep Factor: 2.0 Max TC CSI: 0.317 Max BC CSI: 0.233 Max Web CSI: 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 331 - / - / - /231 /44 /109 D 89 - / - / - /48 - / - C 127 - / - / - /79 /65 - Wind reactions based on MWFRS B Brg Wid = 10.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes

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



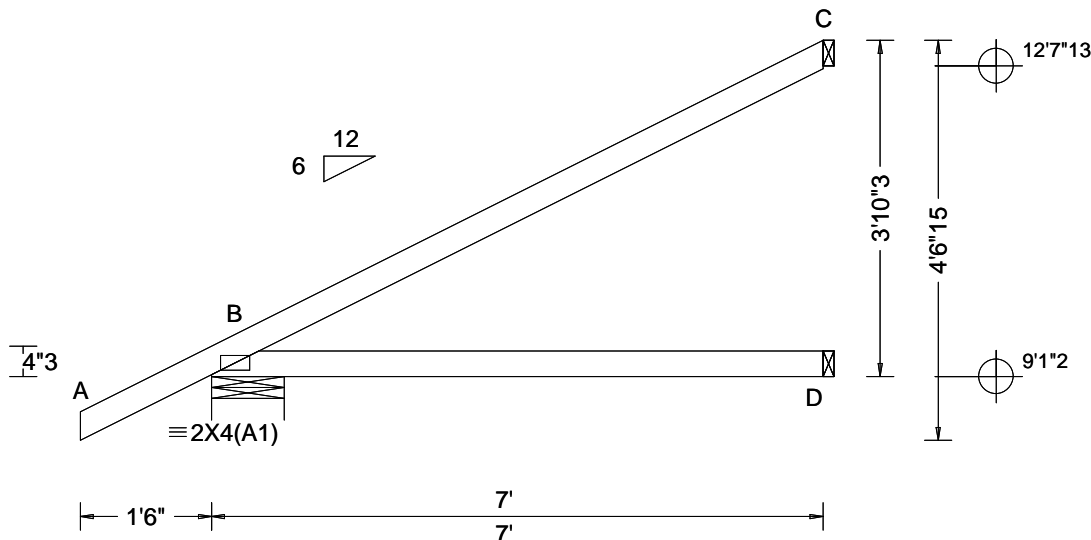
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Glenview, IL 60025

SEQN: 782186 / FROM: CDM	EJAC Ply: 1 Qty: 12	Job Number: 24-1376B Hunter Truss Label: J05	Cust: R 215 JRef: 1Y4d2150001 T30 / DrwNo: 298.24.1045.43219 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	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 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 408 - / - / - /279 /47 /145 D 129 - / - / - /73 - /- C 187 - / - / - /118 /94 - Wind reactions based on MWFRS B Brg Wid = 10.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes

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



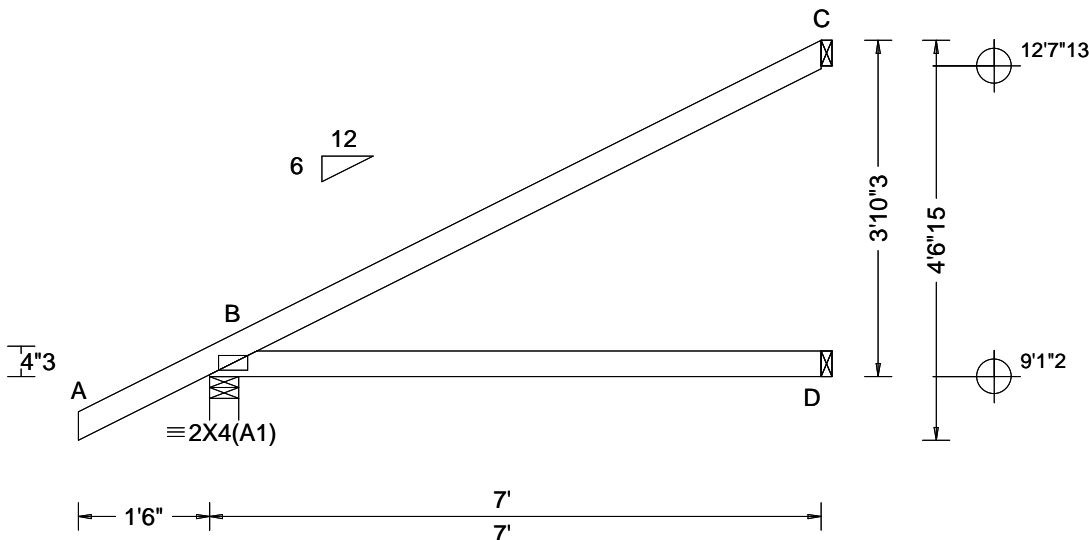
COA #0278

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

SEQN: 782346 / FROM: CDM	EJAC Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: J06	Cust: R 215 JRef: 1Y4d2150001 T31 / DrwNo: 298.24.1045.42998 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	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 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 408 - / - / - /279 /6 /104 D 129 - / - / - /73 /- /- C 187 - / - / - /118 /59 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Wind

Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes

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



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

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

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

Additional Notes


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

LIAM H. KR



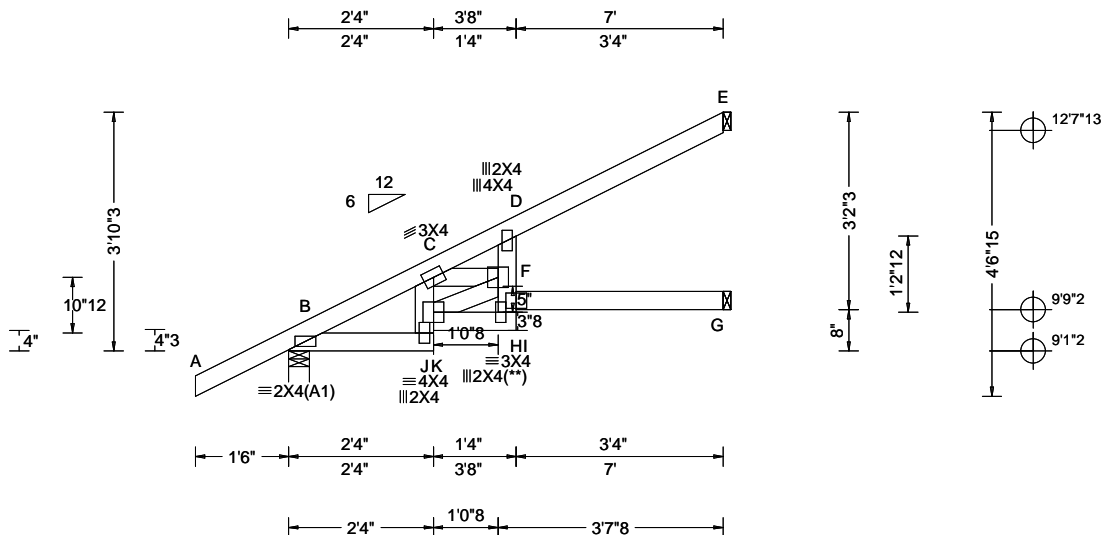
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155 Harlem Ave
 North Building, 4th Floor
 Glenview, IL 60025

SEQN: 770609 / FROM: CDM	EJAC Ply: 1 Qty: 3	Job Number: 24-1376B Hunter Truss Label: J08	Cust: R 215 JRef: 1Y4d2150001 T27 / DrwNo: 298.24.1045.42575 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.165 H 497 240 VERT(CL): 0.329 H 250 180 HORZ(LL): 0.085 D - - HORZ(TL): 0.170 D - - Creep Factor: 2.0 Max TC CSI: 0.688 Max BC CSI: 0.213 Max Web CSI: 0.521 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL B 408 - / - /279 /47 /145 G 83 - / - /49 - / - E 212 - / - /141 /85 - Non-Gravity B Brg Wid = 4.0 Min Req = 1.5 (Truss) G Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Wind reactions based on MWFRS Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp.

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



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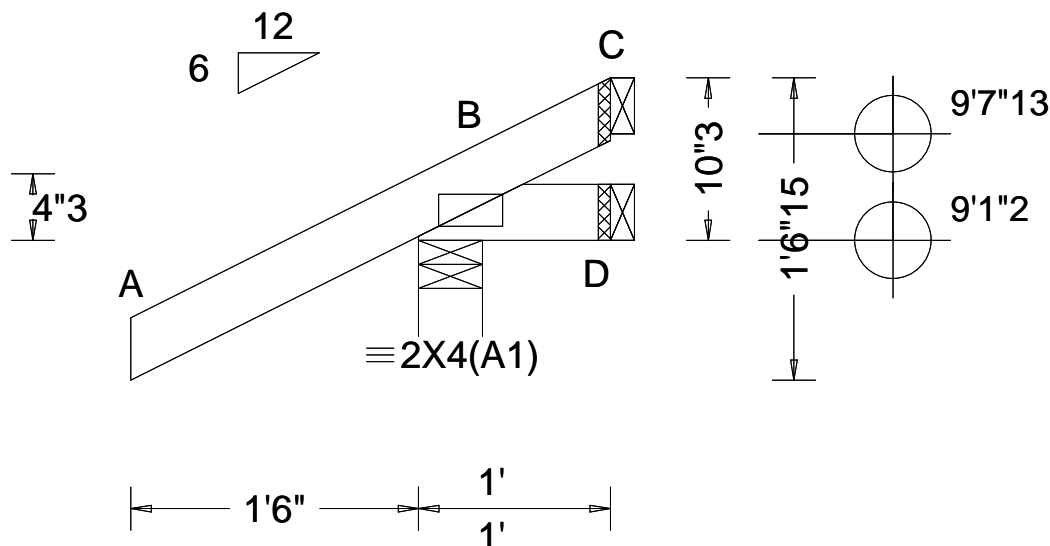
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 770599 / FROM: CDM	JACK Ply: 1 Qty: 2	Job Number: 24-1376B Hunter Truss Label: J09	Cust: R 215 JRef: 1Y4d2150001 T29 / DrwNo: 298.24.1045.42890 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.243 Max BC CSI: 0.034 Max Web CSI: 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 254 /- /- /202 /70 /38 D 4 /-18 /- /16 /16 /- C - /-53 /- /34 /51 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

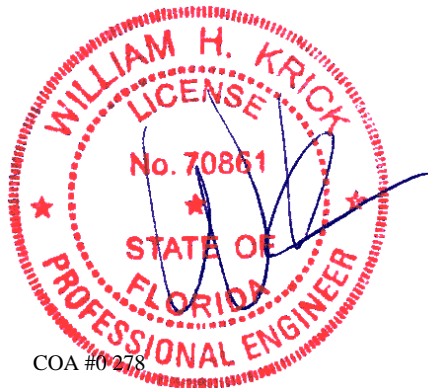
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes

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



COA #0278

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The diagram illustrates a roof truss system. The side elevation shows a truss with a 12/6 pitch, supported by a 2x4(A1) at point A and a 2x4(**) at point B. A 3x4 GF is shown at point C. The plan view shows the layout of the truss with dimensions 10'7"13, 9'5"2, and 9'1"2, and a 4" offset.

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

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

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

Additional Notes


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

LIAM H. KRI



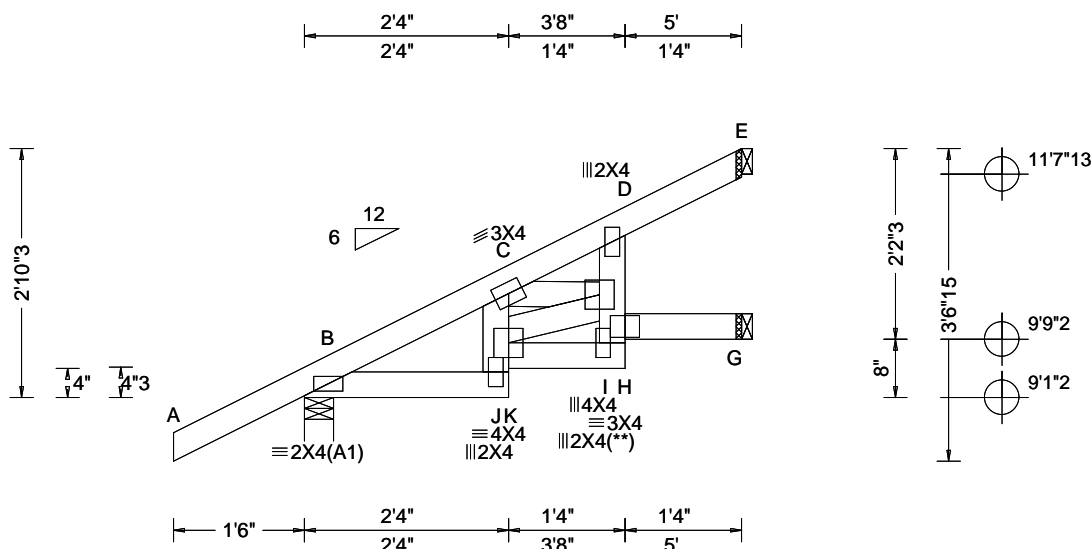
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155 Harlem Ave
 North Building, 4th Floor
 Glenview, IL 60025

SEQN: 770606 / FROM: CDM	JACK Qty: 2	Ply: 1 Qty: 2	Job Number: 24-1376B Hunter Truss Label: J11	Cust: R 215 JRef: 1Y4d2150001 T33 / DrwNo: 298.24.1045.43014 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 331 - / - /231 /44 /109 G 39 - / - /24 - / - E 152 - / - /103 /54 - Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) G Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

Plating Notes

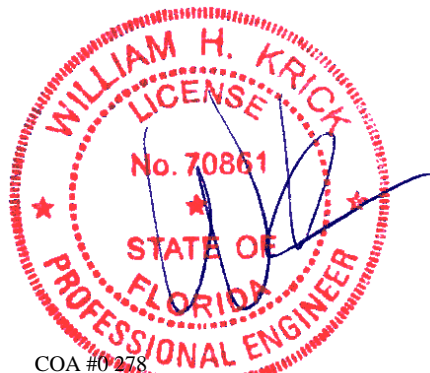
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind

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 2-10-3.



COA #0278

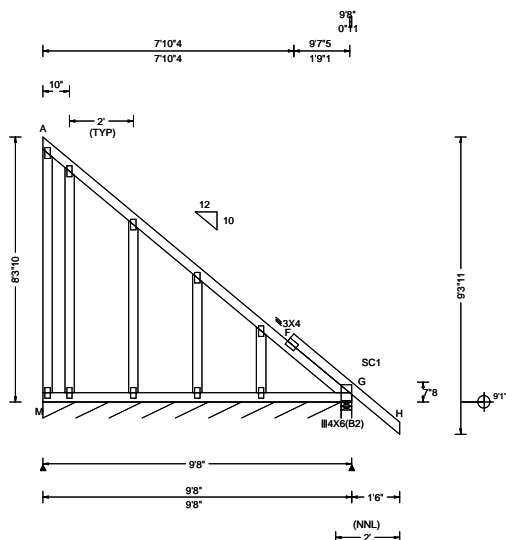
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 782647 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: J12	Cust: R 215 JRef: 1Y4d2150001 T3 DrwNo: 298.24.1045.44727 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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: Any GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 F 999 240 VERT(CL): 0.002 F 999 180 HORZ(LL): 0.006 B - - HORZ(TL): 0.008 B - - Creep Factor: 2.0 Max TC CSI: 0.236 Max BC CSI: 0.058 Max Web CSI: 0.107 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M* 72 - / - / 64 / 31 / 34 G 270 - / - / 146 - / - Wind reactions based on MWFRS M Brg Wid = 111 Min Req = - G Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings M & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 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

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

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 notched area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.

The overall height of this truss excluding overhang is 8-3-10.

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.



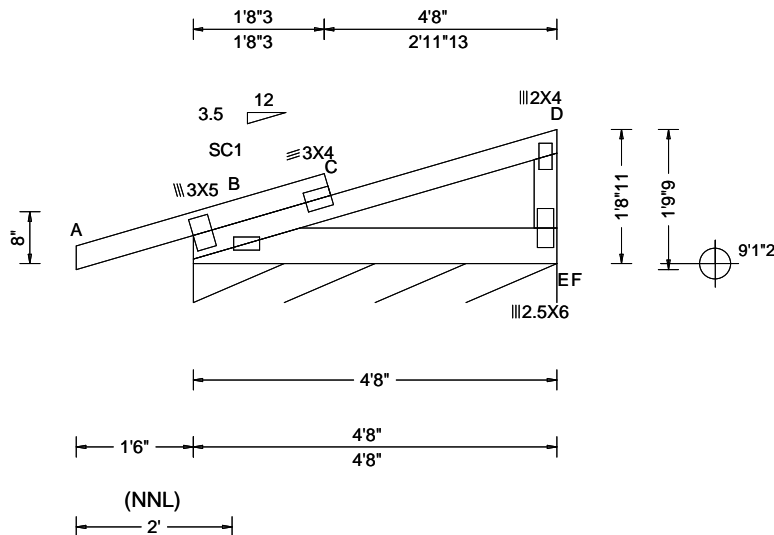
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 782334 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: J13	Cust: R 215 JRef: 1Y4d2150001 T14 / DrwNo: 298.24.1045.44351 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.010 C 999 240 VERT(CL): 0.019 C 999 180 HORZ(LL): 0.003 C - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.223 Max BC CSI: 0.108 Max Web CSI: 0.089 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F* 102 - / - /57 /20 /13 Wind reactions based on MWFRS F 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

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

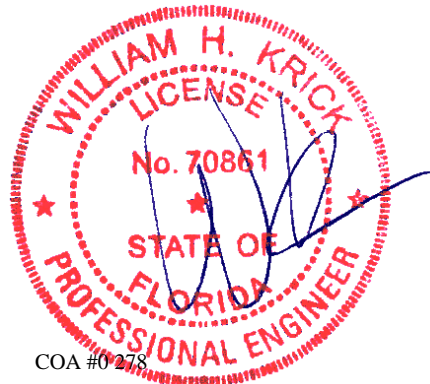
Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

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 noticable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.

The overall height of this truss excluding overhang is 1-8-11.



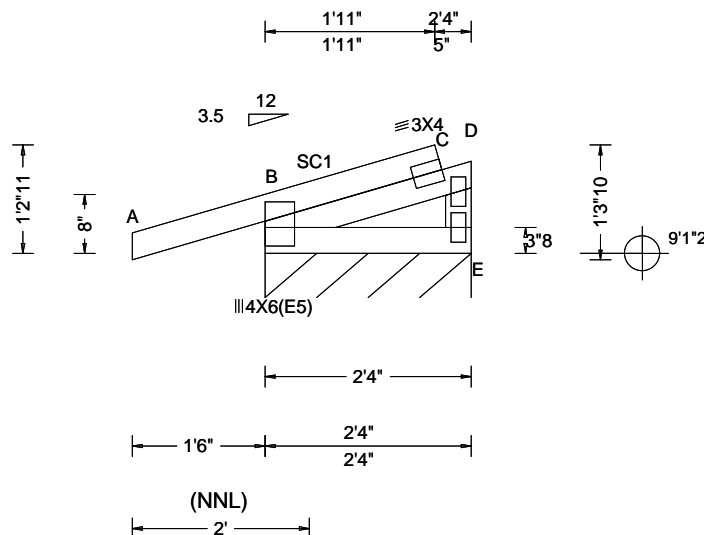
COA #0278

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

SEQN: 782331 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: J14	Cust: R 215 JRef: 1Y4d2150001 T12 / DrwNo: 298.24.1045.43958 GA / DF 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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 9.00 ft GCp: 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.000 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): -0.000 C - - HORZ(TL): 0.000 C - - Creep Factor: 2.0 Max TC CSI: 0.199 Max BC CSI: 0.048 Max Web CSI: 0.025 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 123 /- /- /68 /27 /16 Wind reactions based on MWFRS E 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

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

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 notched area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.

The overall height of this truss excluding overhang is 1'-2-11.



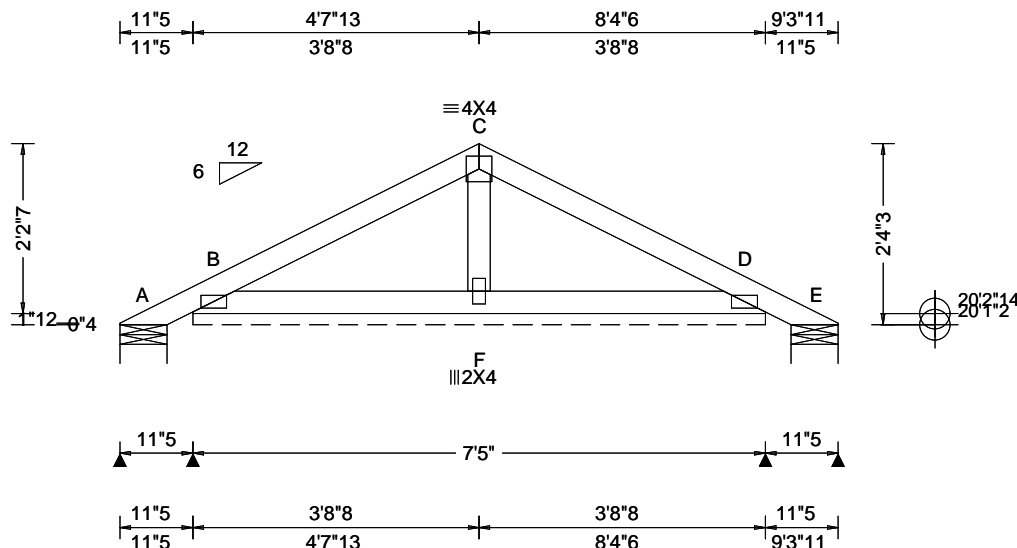
COA #0278

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155 Harlem Ave
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Glenview, IL 60025

SEQN: 782640 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: PB01	Cust: R 215 JRef: 1Y4d2150001 T10 DrwNo: 298.24.1045.44742 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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 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 FT/RT:20(0)/10(0) Plate Type(s): WAVE	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 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-37 /- /43 /57 /61 B* 88 /- /- /60 /30 /- E - /-37 /- /21 /30 /- Wind reactions based on MWFRS A Brg Wid = 7.3 Min Req = 1.5 (Truss) B Brg Wid = 89.0 Min Req = - E Brg Wid = 7.3 Min Req = 1.5 (Truss) Bearings A, B, & E 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;

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.

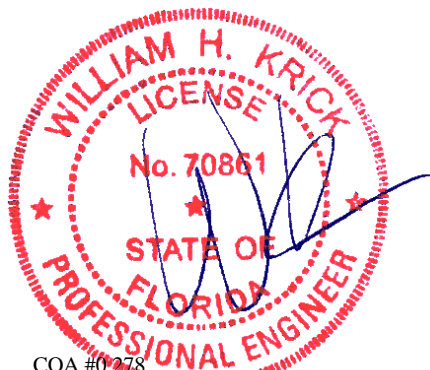
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/999.

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 2-4-3.



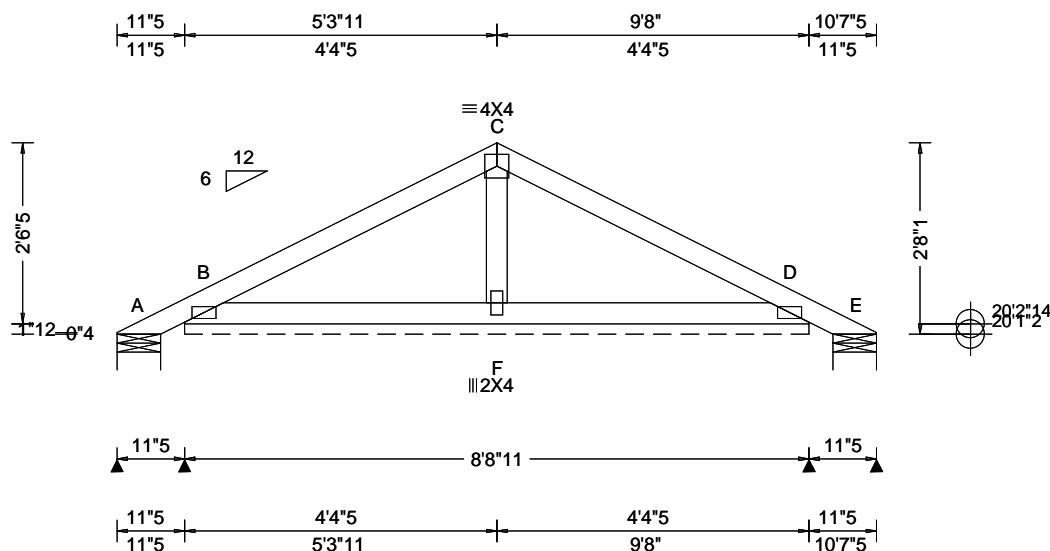
COA #0278

10/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 786607 / FROM: CDM	SPEC Ply: 1 Qty: 14	Job Number: 24-1376B Hunter Truss Label: PB02	Cust: R 215 JRef: 1Y4d2150001 T5 DrwNo: 298.24.1045.45214 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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: 3.29 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.003 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 Max Web CSI: 0.027 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A - /-69 /- /55 /103 /70 B* 92 /- /- /86 /27 /- E - /-69 /- /38 /64 /- Wind reactions based on MWFRS A Brg Wid = 7.3 Min Req = 1.5 (Truss) B Brg Wid = 104 Min Req = - E Brg Wid = 7.3 Min Req = 1.5 (Truss) Bearings A, B, & E 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;

Plating Notes

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

Wind

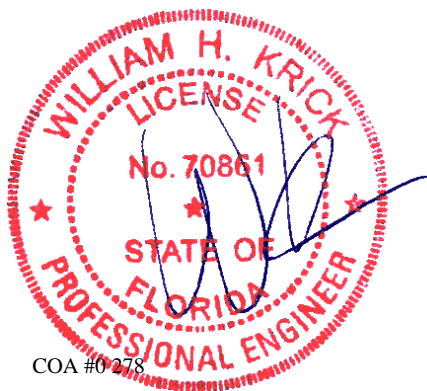
Wind loads based on MWFRS with additional C&C member design.

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.



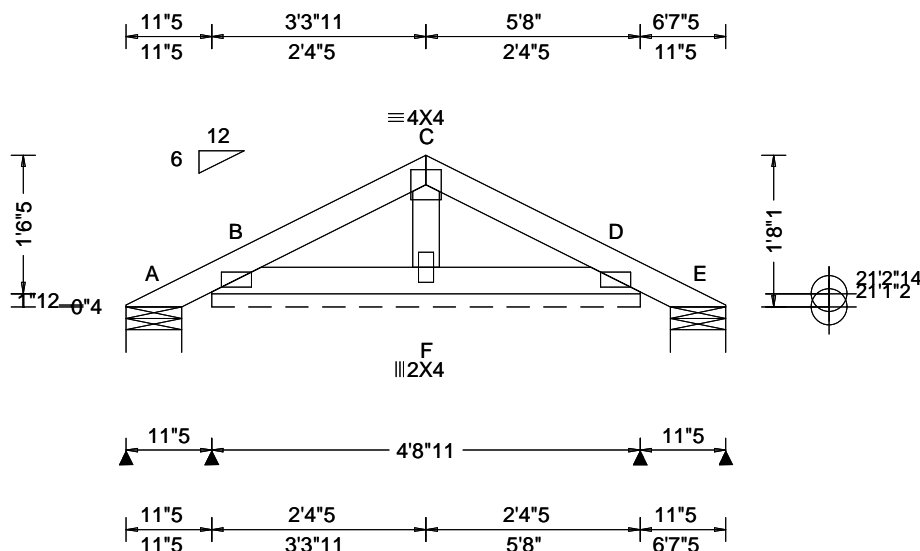
COA #0278

10/24/2024
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 786613 FROM: CDM	SPEC Ply: 1 Qty: 6	Job Number: 24-1376B Hunter Truss Label: PB03	Cust: R 215 JRef: 1Y4d2150001 T67 DrwNo: 298.24.1152.55790 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.048 Max BC CSI: 0.042 Max Web CSI: 0.015 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 7 /- /- /23 /18 /42 B* 82 /- /- /81 /5 /- E 7 /- /- /12 /- /- Wind reactions based on MWFRS A Brg Wid = 7.3 Min Req = 1.5 (Truss) B Brg Wid = 56.7 Min Req = - E Brg Wid = 7.3 Min Req = 1.5 (Truss) Bearings A, B, & E 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;

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.



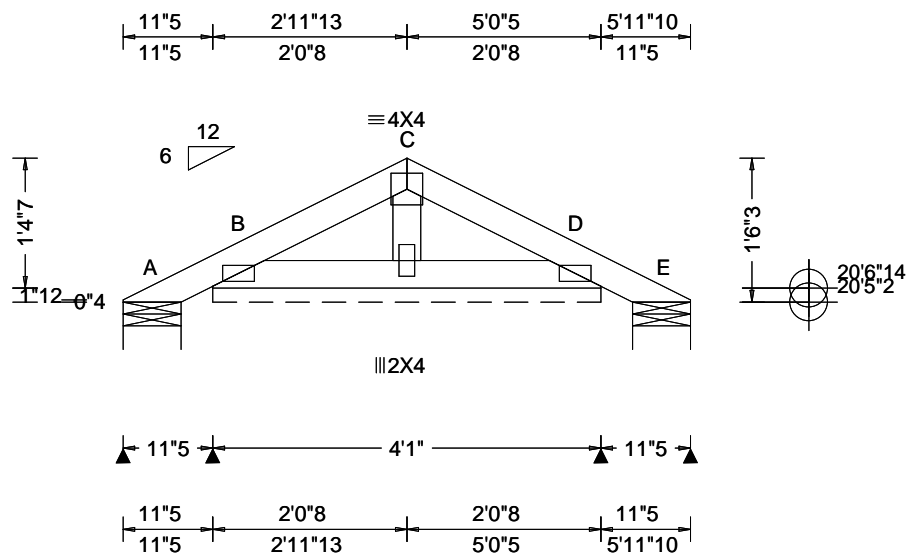
COA #0218

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

SEQN: 786590 / FROM: CDM	COMN Ply: 1 Qty: 10	Job Number: 24-1376B Hunter Truss Label: PB04	Cust: R 215 JRef: 1Y4d2150001 T48 DrwNo: 298.24.1045.44978 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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: 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 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 FT/RT: 20(0)/10(0) Plate Type(s): WAVE	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 - - Creep Factor: 2.0 Max TC CSI: 0.035 Max BC CSI: 0.027 Max Web CSI: 0.012 VIEW Ver: 23.02.04.0123.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 17 - / - /24 /12 /36 B* 101 - / - /56 /19 - E 17 - / - /12 /3 - Wind reactions based on MWFRS A Brg Wid = 7.3 Min Req = 1.5 (Truss) 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. Members not listed have forces less than 375#

Lumber

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

Plating Notes

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

Loading

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

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 1-6-3.



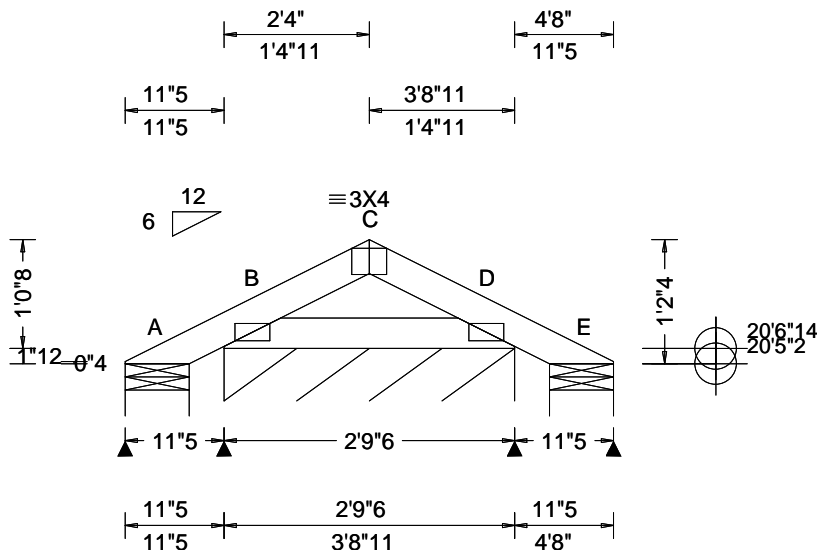
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SEQN: 786603 / FROM: CDM	GABL Ply: 1 Qty: 1	Job Number: 24-1376B Hunter Truss Label: PB05	Cust: R 215 JRef: 1Y4d2150001 T2 DrwNo: 298.24.1045.45449 KD / WHK 10/24/2024
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
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: 21.03 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. HVHZ TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/def 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 - - Creep Factor: 2.0 Max TC CSI: 0.018 Max BC CSI: 0.038 Max Web CSI: 0.000 VIEW Ver: 23.02.04.0123.14	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 17 - / - /12 /13 /26 B* 100 - / - /53 /28 - E 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. Members not listed have forces less than 375#

Lumber

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

Plating Notes

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

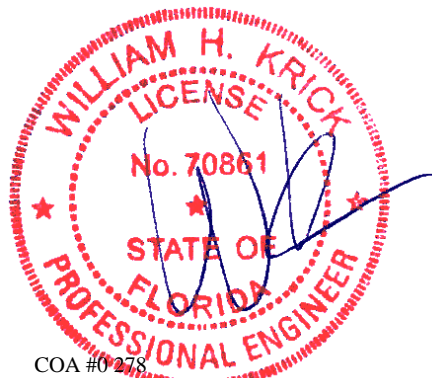
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1'-2-4.



COA #0 278

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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.

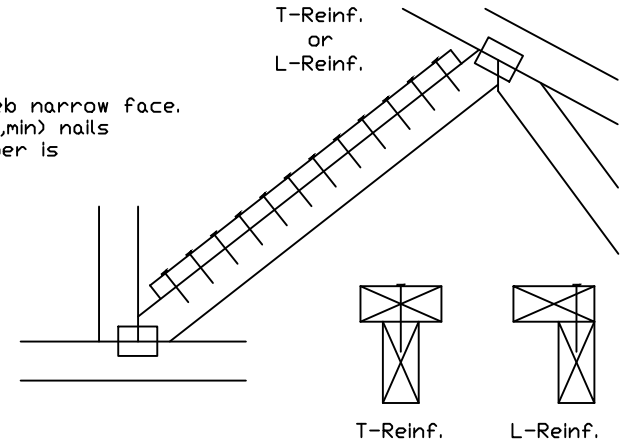
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x6(✕)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(✕)

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.

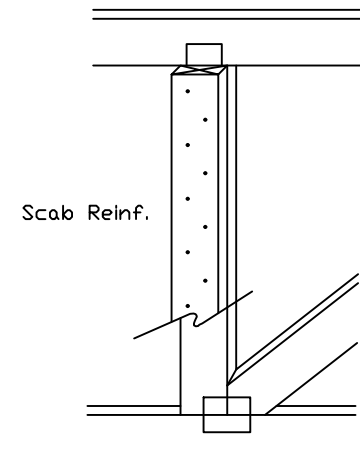
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



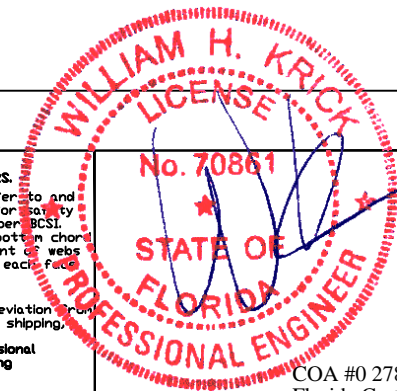
Scab Reinforcement:

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



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TC LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	01/02/19
BC DL	PSF	DRWG	BRCLBSUB0119
BC LL	PSF		
TOT. LD.	PSF		
DUR/14024			
SPACING			
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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)

B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

A - EDGE DISTANCE (6 NAIL DIAMETERS)

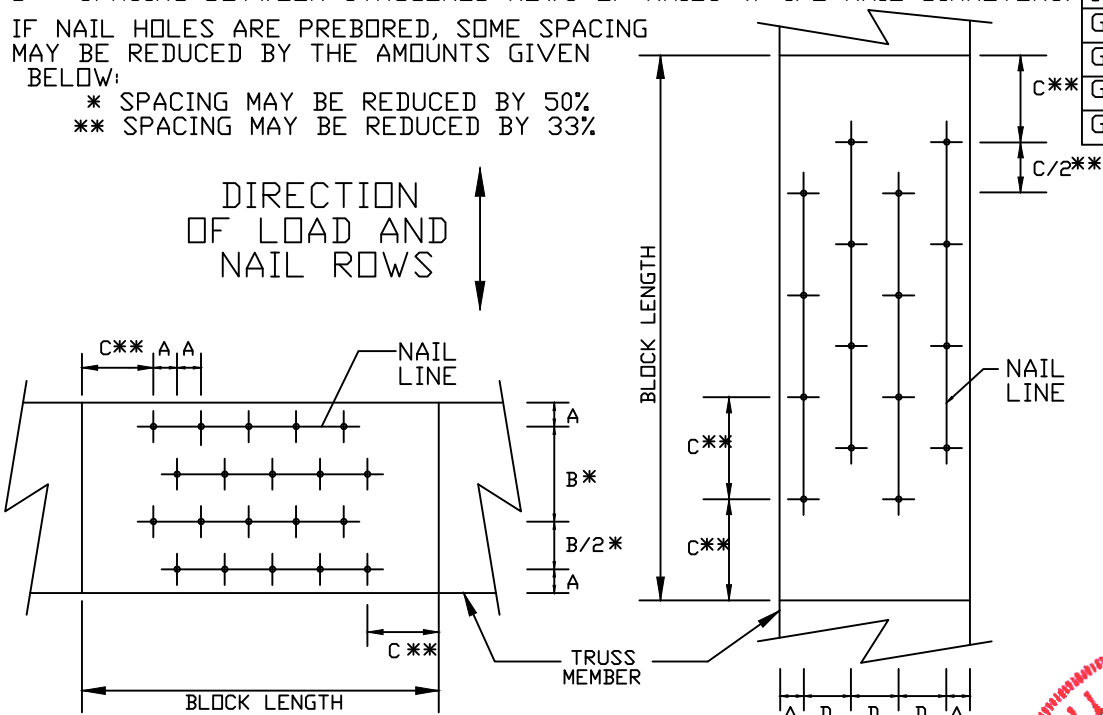
C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)

D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:

* SPACING MAY BE REDUCED BY 50%

** SPACING MAY BE REDUCED BY 33%



MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128"X 3",MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148"X 3",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162"X 3.5",MIN)	1"	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120"X 3",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3",MIN)	7/8"	1 5/8"	2"	1"

LOAD APPLIED PERPENDICULAR TO GRAIN

LOAD APPLIED PARALLEL TO GRAIN

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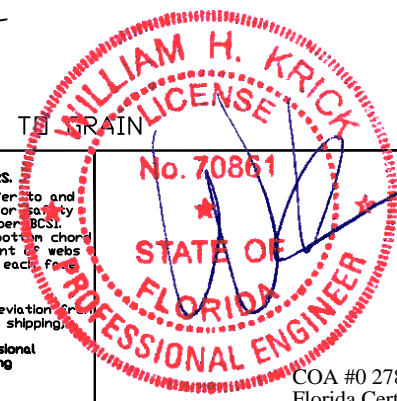
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COA #0 278

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10/24/2024

REF NAIL SPACE
 DATE 10/01/14
 DRWG CNNAILSP1014

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

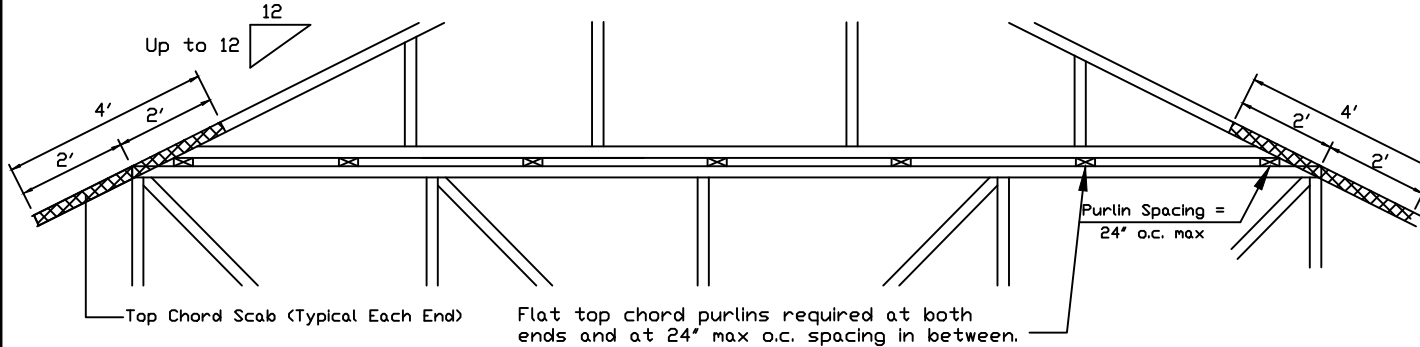
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

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

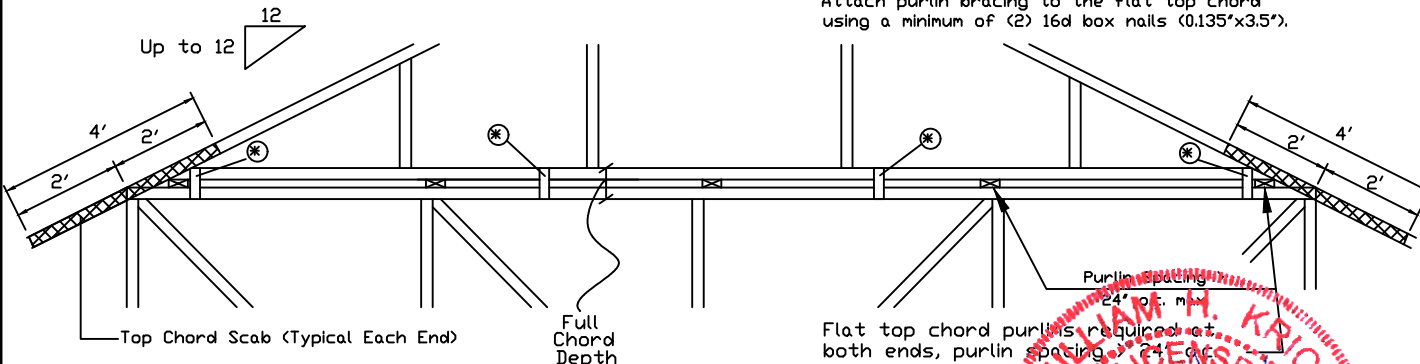


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

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



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

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

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

Trulox 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 (0.113"x2") nails 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 4' o.c. front to back faces.
28PB Wave Piggyback Plate One 28PB wave piggyback plate to each face @ 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.

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

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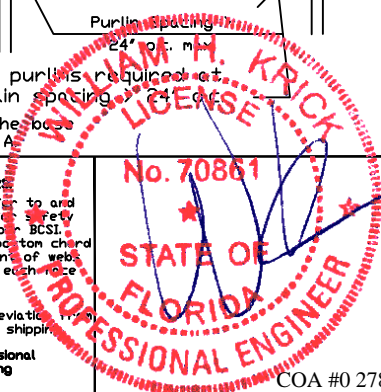
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REF PIGGYBACK
DATE 07/03/2023
DRWG PB160220723

COA #0 278

Florida Certified Professional Engineer

10/24/2024

SPACING

Product Approval #FL 1999