



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



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COA #0 278

Florida Certificate of Product Approval #FL 1999

05/18/2026

Site Information:	Page 1:
Customer: Duley Truss, Inc.	Job Number: Z0540
Job Description: DILLON RES	
Address:	

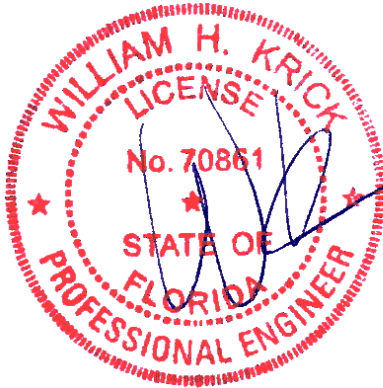
Job Engineering Criteria:	
Design Code: FBC 8th Ed. 2023 Res.	IntelliVIEW Version: 24.02.00B JRef #: 1YK523270002
Wind Standard: ASCE 7-22 Wind Speed (mph): 140	Design Loading (psf): 37
Building Type: Enclosed	

This package contains general notes pages, 93 truss drawing(s) and 6 detail(s).

Item	Drawing Number	Truss	Item	Drawing Number	Truss
1	135.26.0855.21170	CAP1	2	135.26.0855.23363	CAP2
3	135.26.0855.28300	CAP3	4	135.26.0855.31653	CAP4
5	135.26.0855.36170	CAP5	6	135.26.0855.40627	CAP6
7	135.26.0855.44050	CJ1	8	135.26.0854.58317	CJ2
9	135.26.0855.04110	EJ7	10	135.26.0855.46283	F1
11	135.26.0856.46333	F4	12	135.26.0856.49133	F6
13	135.26.0856.51667	F7	14	135.26.0856.54637	F8
15	135.26.0856.58240	F9	16	135.26.0855.51080	F10
17	135.26.0855.53530	F11	18	135.26.0856.00213	F12
19	135.26.0856.02667	F13	20	135.26.0856.04893	F14
21	135.26.0856.10613	F15	22	135.26.0856.13670	F16
23	135.26.0856.15733	F17	24	135.26.0856.18337	F18
25	135.26.0856.23787	F19	26	135.26.0856.26013	F20
27	135.26.0856.32630	F21	28	135.26.0856.38183	F22
29	135.26.0856.40017	F24	30	135.26.0856.43657	F25
31	135.26.0857.00230	SJ1	32	135.26.0857.06690	SJ3
33	135.26.0857.08793	SJ3A	34	135.26.0857.11197	T1
35	135.26.0857.59277	T2	36	135.26.0858.41297	T3
37	135.26.0859.10430	T4	38	135.26.0859.39877	T5
39	135.26.0859.53940	T6	40	135.26.0859.56880	T7
41	135.26.0859.59327	T8	42	135.26.0900.03780	T9
43	135.26.0857.13697	T10	44	135.26.0857.25597	T11
45	135.26.0857.30730	T12	46	135.26.0857.34747	T13
47	135.26.0857.37707	T14	48	135.26.0857.41160	T15
49	135.26.0857.44177	T16	50	135.26.0857.48660	T17



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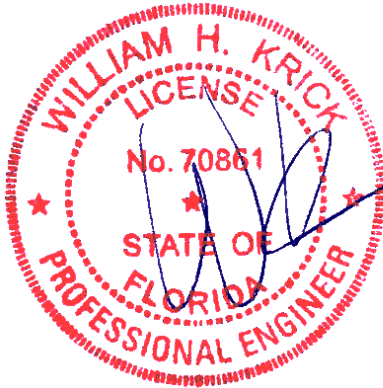
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55	135.26.0858.09987	T22
57	135.26.0858.17250	T24
59	135.26.0858.24773	T26
61	135.26.0858.33667	T28
63	135.26.0858.44427	T30
65	135.26.0858.49430	T32
67	135.26.0858.54240	T34
69	135.26.0859.00040	T36
71	135.26.0859.05280	T38
73	135.26.0859.12753	T40
75	135.26.0859.23777	T42
77	135.26.0859.30290	T44
79	135.26.0859.33280	T47
81	135.26.0859.38047	T49
83	135.26.0859.44590	T51
85	135.26.0859.50233	T53
87	135.26.0900.11407	V2
89	135.26.0904.30350	V4
91	135.26.0904.45563	V6
93	135.26.0904.50567	V8
95	STRBRIBR1014	
97	BRCLBSUB0119	
99	VALTN220723	

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52	135.26.0857.54973	T19
54	135.26.0858.05113	T21
56	135.26.0858.13463	T23
58	135.26.0858.20403	T25
60	135.26.0858.30767	T27
62	135.26.0858.38243	T29
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66	135.26.0858.52260	T33
68	135.26.0858.57787	T35
70	135.26.0859.03233	T37
72	135.26.0859.08110	T39
74	135.26.0859.20380	T41
76	135.26.0859.26007	T43
78	135.26.0855.10597	T45
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82	135.26.0859.42903	T50
84	135.26.0859.48423	T52
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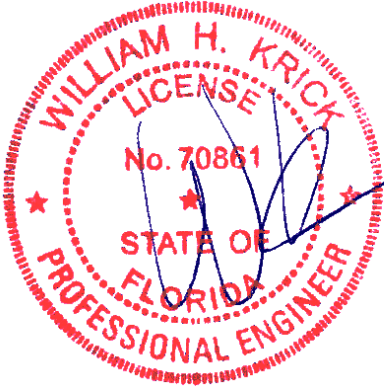
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94	PB160220723	
96	DEFLCAMB1014	
98	VAL180220723	

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 TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

FRT-BF = Boraflame Fire Retardant Treated lumber

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

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

FRT-ON = OnWood Fire Retardant Treated lumber.

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

FRT-PR = ProWood Fire Retardant Treated lumber.

g = green lumber.

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

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

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

Ic = Incised lumber.

FJ = Finger Jointed lumber.

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

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

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

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

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

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

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

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

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

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

PP = Panel Point.

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

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

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

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

General Notes (continued)

Key to Terms (continued):

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

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

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

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

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

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

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

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

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

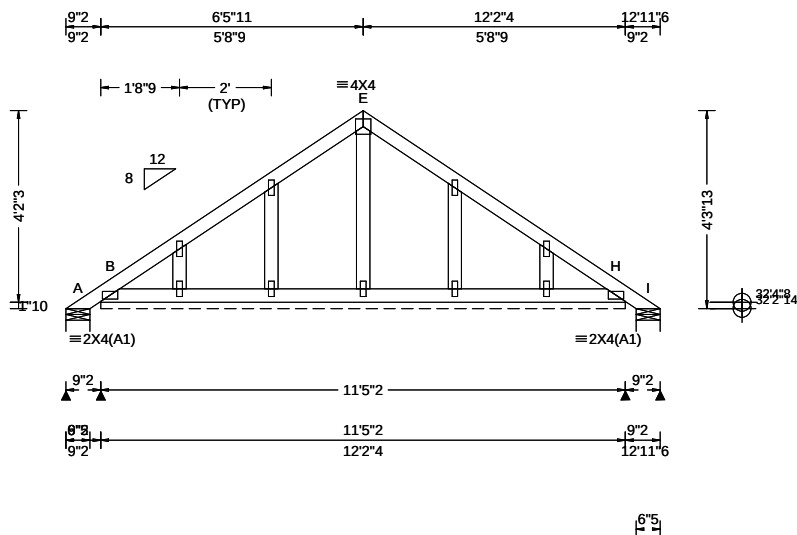
Refer to ASCE-7 for Wind and Seismic abbreviations.

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

References:

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

SEQN: 00000087913 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: CAP1	Cust: R 2327 JRef: 1YK523270002 T28 DrwNo: 135.26.0855.21170 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 28.70 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 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. 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 C 999 240 VERT(CL): 0.000 C 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.034 Max BC CSI: 0.014 Max Web CSI: 0.729 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 14 /- /- /8 /- /- B* 64 /- /- /36 /- /- I 14 /- /- /8 /- /- Wind reactions based on MWFRS A Brg Wid = 6.3 Min Req = 1.5 (Truss) B Brg Wid = 137 Min Req = - I Brg Wid = 6.3 Min Req = 1.5 (Truss) Bearings A, B, & I are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

Wind

Member design based on both MWFRS and C&C.

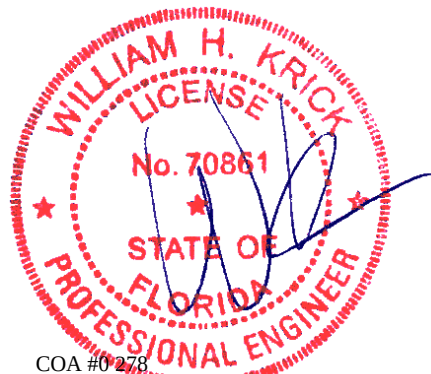
Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/326.

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.



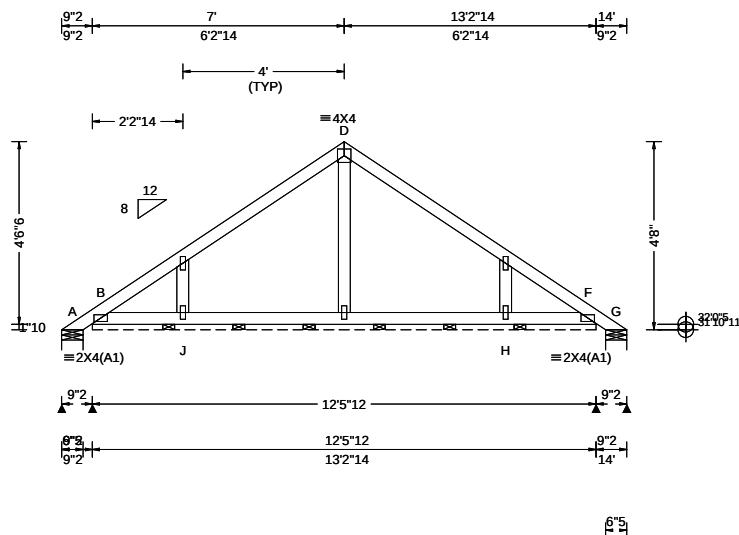
COA #0278

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****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, 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.
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155 Harlem Ave
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Glenview, IL 60025

SEQN: 00000087914 COMN FROM:	Ply: 1 Qty: 27	Job Number: Z0540 DILLON RES Truss Label: CAP2	Cust: R 2327 JRef: 1YK523270002 T39 DrwNo: 135.26.0855.23363 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 29.25 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 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. 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 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): 0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.141 Max BC CSI: 0.060 Max Web CSI: 0.073 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity A 31 /- /- /98 /85 /162 B* 78 /- /- /47 /24 /- G 31 /- /- /19 /13 /- J /-186 H /-186 Wind reactions based on MWFRS A Brg Wid = 6.3 Min Req = 1.5 (Truss) B Brg Wid = 149 Min Req = - G Brg Wid = 6.3 Min Req = 1.5 (Truss) Bearings A, B, & G are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

Purlins

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

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



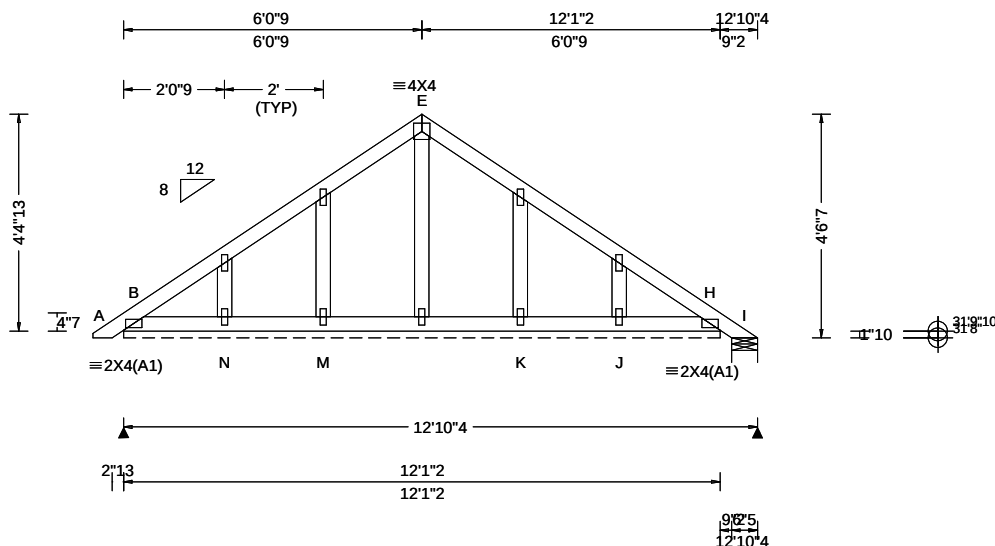
COA #0278

05/18/2026
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Glenview, IL 60025

SEQN: 00000087915 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: CAP3	Cust: R 2327 JRef: 1YK523270002 T33 DrwNo: 135.26.0855.28300 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 28.90 ft TCDL: 4.2 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. 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 F - - HORZ(TL): 0.002 D - - Creep Factor: 2.0 Max TC CSI: 0.043 Max BC CSI: 0.019 Max Web CSI: 0.971 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh Non-Gravity / Rw / U / RL B* 65 /- /- /41 /27 /12 I 9 /- /- /10 /2 /- N /-130 M /-141 K /-141 J /-110 Wind reactions based on MWFRS B Brg Wid = 145 Min Req = - I Brg Wid = 6.3 Min Req = 1.5 (Truss) Bearings B & I are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

Wind

Member design based on both MWFRS and C&C.

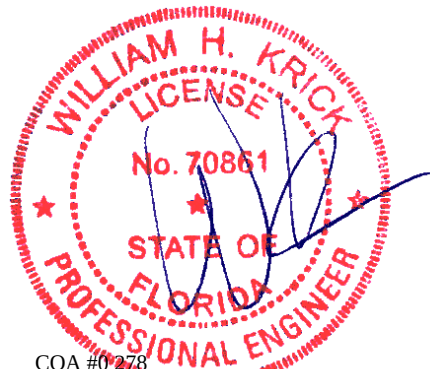
Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/235.

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.



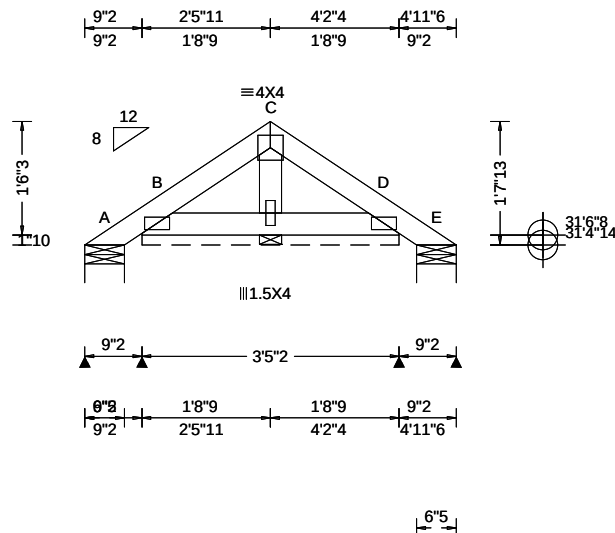
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155 Harlem Ave
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Glenview, IL 60025

SEQN: 000000087916 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: CAP4	Cust: R 2327 JRef: 1YK523270002 T8 DrwNo: 135.26.0855.31653 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 26.77 ft TCDL: 4.2 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. 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 - - 240 VERT(CL): 0.000 - - 180 HORZ(LL): 0.000 - - - HORZ(TL): 0.000 - - - Creep Factor: 2.0 Max TC CSI: 0.017 Max BC CSI: 0.013 Max Web CSI: 0.008 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 13 /- /- /7 /- /- B* 91 /- /- /40 /- /- E 13 /- /- /7 /- /- Wind reactions based on MWFRS A Brg Wid = 6.3 Min Req = 1.5 (Truss) B Brg Wid = 41.1 Min Req = - E Brg Wid = 6.3 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 #1;
Bot chord: 2x4 SP #1;
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

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



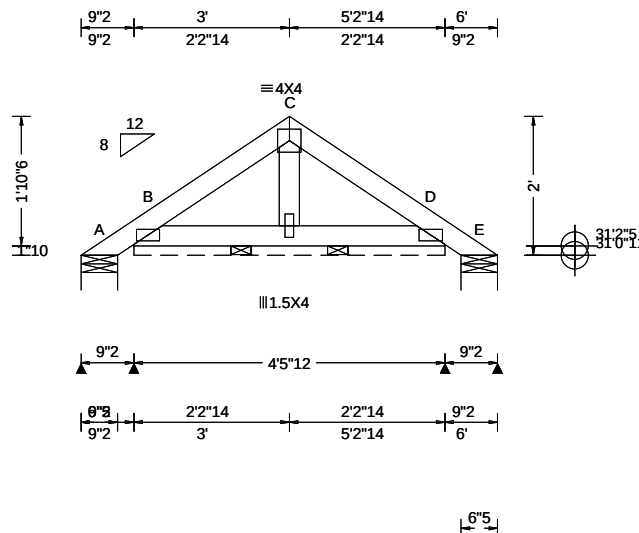
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Glenview, IL 60025

SEQN: 00000087917 COMN FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: CAP5	Cust: R 2327 JRef: 1YK523270002 T65 DrwNo: 135.26.0855.36170 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 26.95 ft TCDL: 4.2 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. 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 - - 240 VERT(CL): 0.000 - - 180 HORZ(LL): 0.000 - - - HORZ(TL): 0.000 - - - Creep Factor: 2.0 Max TC CSI: 0.038 Max BC CSI: 0.024 Max Web CSI: 0.010 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 3 /- /- /45 /39 /63 B* 93 /- /- /53 /49 /- E 3 /- /- /10 /3 /- Wind reactions based on MWFRS A Brg Wid = 6.3 Min Req = 1.5 (Truss) B Brg Wid = 53.8 Min Req = - E Brg Wid = 6.3 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 #1;
Bot chord: 2x4 SP #1;
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

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160220723 for piggyback details.



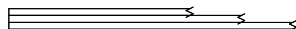
COA #0278

05/18/2026
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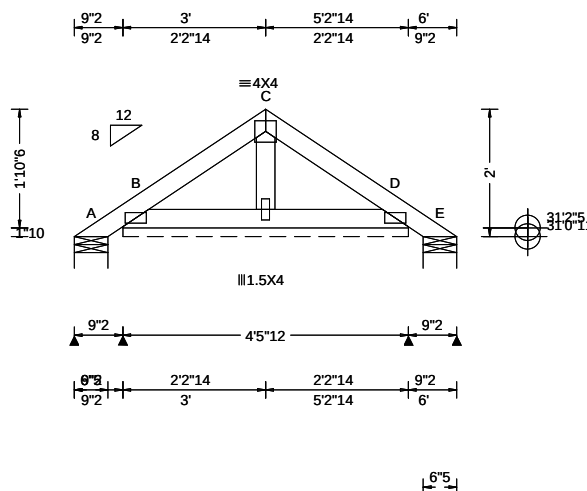
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087918 COMN FROM:	Ply: 3 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: CAP6	Cust: R 2327 JRef: 1YK523270002 T10 DrwNo: 135.26.0855.40627 JB / WHK 05/15/2026
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3 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF						
				Gravity			Non-Gravity			
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 0.00 ft TCDL: 4.2 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. 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 - - 240 VERT(CL): 0.000 - - 180 HORZ(LL): 0.000 - - - HORZ(TL): 0.000 - - - Creep Factor: 2.0 Max TC CSI: 0.010 Max BC CSI: 0.006 Max Web CSI: 0.004 VIEW Ver: 24.02.00B.1106.21	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
				A	1	/0	/-	/3	/-	/-
				B*	82	/-	/-	/-	/54	/-
				E	1	/0	/-	/3	/-	/-
				Wind reactions based on MWFRS						
				A Brg Wid = 6.3 Min Req = 1.5 (Truss)						
				B Brg Wid = 53.8 Min Req = -						
				E Brg Wid = 6.3 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Nailnote

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

Plating Notes

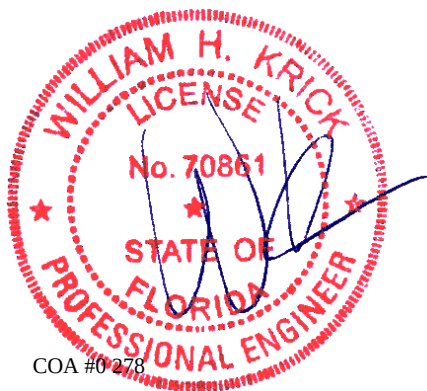
All plates are 2X4(A1) except as noted.

Wind

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

Additional Notes

Refer to DWG PB160220723 for piggyback details.



COA #0278

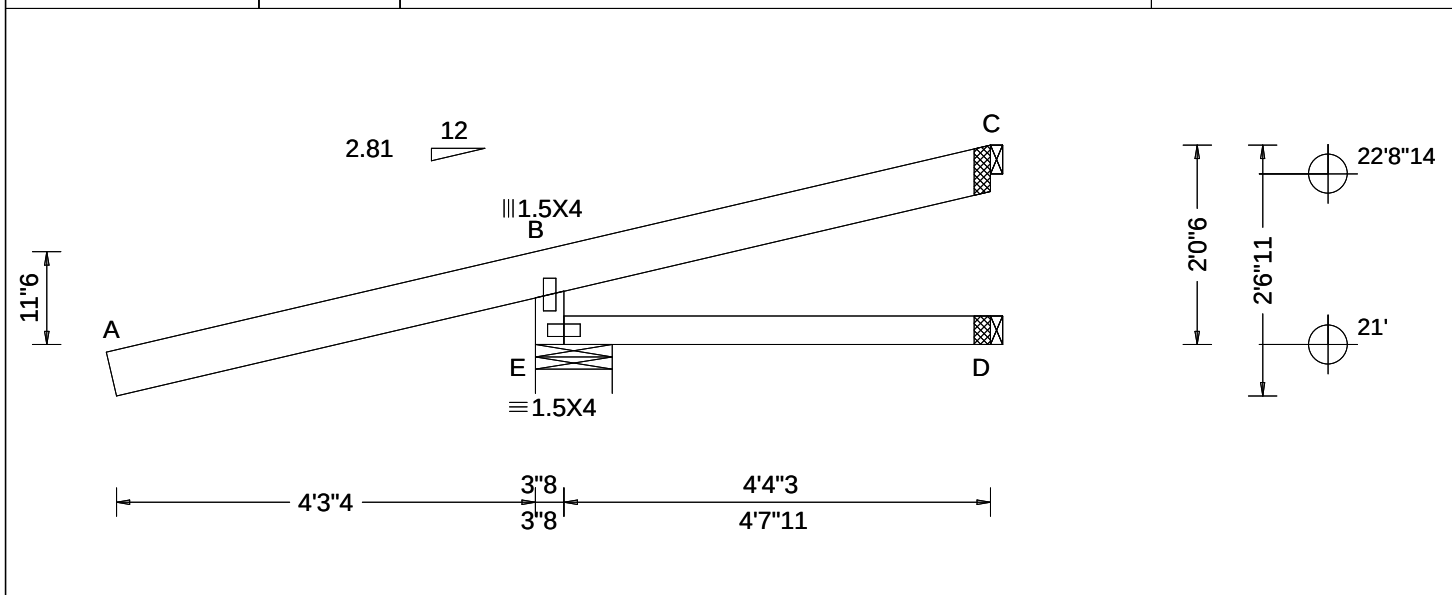
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087919 HIP_ FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: CJ1	Cust: R 2327 JRef: 1YK523270002 T32 DrwNo: 135.26.0855.44050 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 21.98 ft TCDL: 4.2 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.174 Max BC CSI: 0.184 Max Web CSI: 0.047 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 236 /- /- /- /143 /- D 92 /- /- /5 /- /9 C - /-41 /- /48 /- /21 Wind reactions based on MWFRS E Brg Wid = 9.4 Min Req = 1.5 (Support) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x6 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

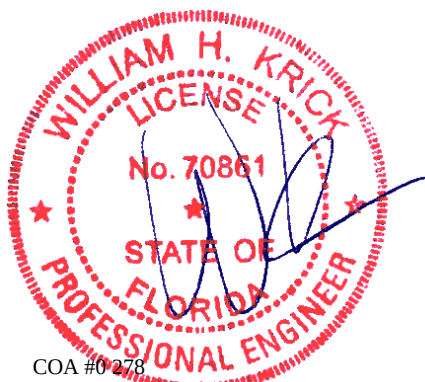
TC: From 0 plf at -4.67 to 54 plf at -0.40
TC: From 2 plf at -0.40 to 2 plf at 4.35
BC: From 0 plf at -4.67 to 4 plf at -0.40
BC: From 2 plf at -0.40 to 2 plf at -0.29
BC: From 2 plf at 0.00 to 2 plf at 4.35
TC: 59 lb Conc. Load at -0.19
TC: -9 lb Conc. Load at 2.28
BC: 18 lb Conc. Load at 2.28

Wind

Wind loads and reactions based on MWFRS.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



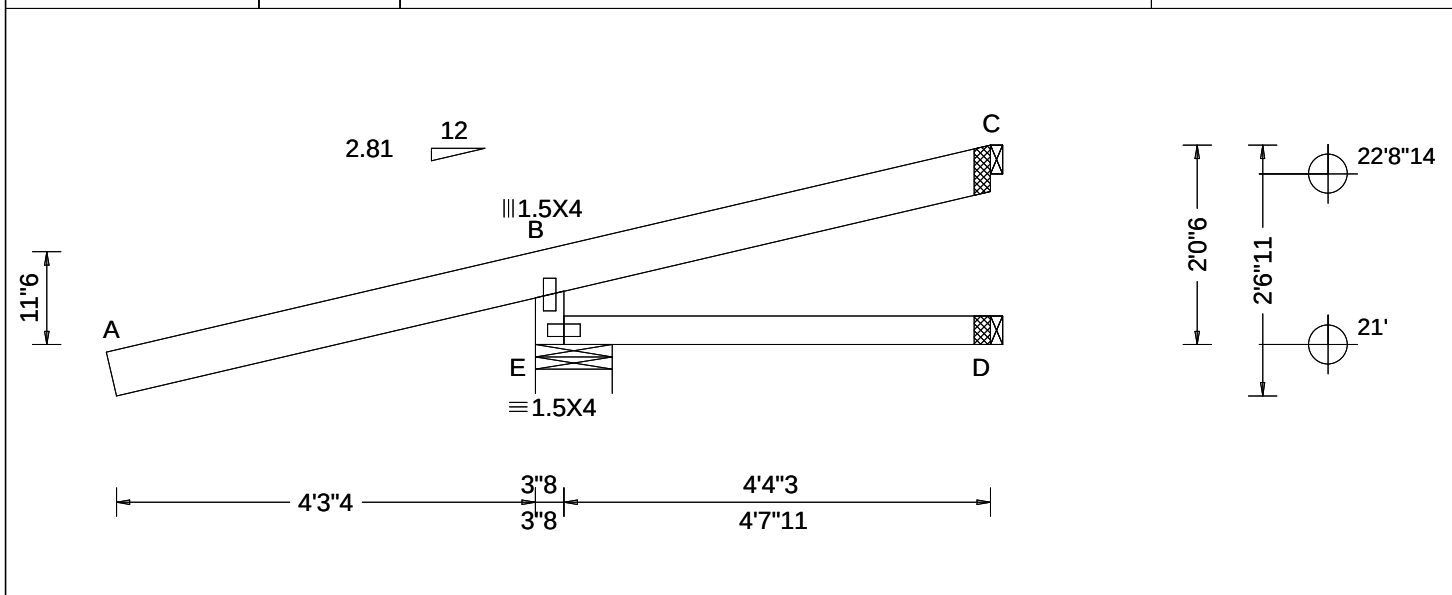
COA #0278

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

SEQN: 00000087920 HIP_ FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: CJ2	Cust: R 2327 JRef: 1YK523270002 T35 DrwNo: 135.26.0854.58317 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 21.98 ft TCDL: 4.2 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): 0.000 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.174 Max BC CSI: 0.184 Max Web CSI: 0.046 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 261 /- /- /- /161 /- D 92 /- /- /5 /- /9 C - /-41 /- /48 /- /21 Wind reactions based on MWFRS E Brg Wid = 9.4 Min Req = 1.5 (Support) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x6 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From 0 plf at -4.67 to 54 plf at -0.40
TC: From 2 plf at -0.40 to 2 plf at 4.35
BC: From 0 plf at -4.67 to 4 plf at -0.40
BC: From 2 plf at -0.40 to 2 plf at -0.29
BC: From 2 plf at 0.00 to 2 plf at 4.35
TC: 84 lb Conc. Load at -0.19
TC: -9 lb Conc. Load at 2.28
BC: 18 lb Conc. Load at 2.28

Wind

Wind loads and reactions based on MWFRS.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



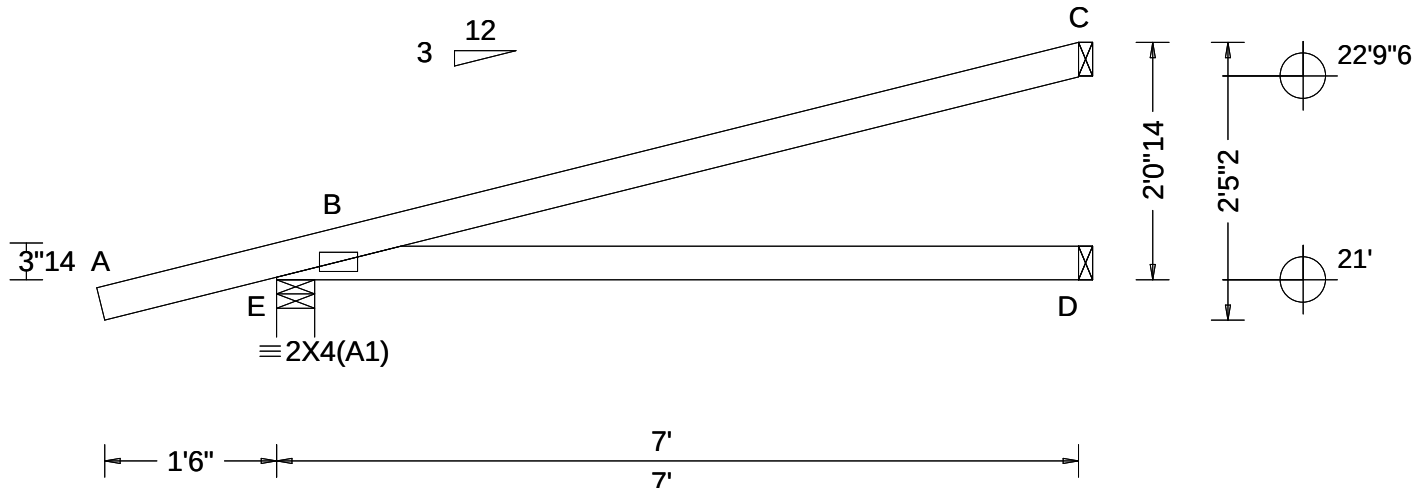
COA #0278

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

SEQN: 00000087921 EJAC FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: EJ7	Cust: R 2327 JRef: 1YK523270002 T31 DrwNo: 135.26.0855.04110 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.00 ft TCDL: 4.2 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. 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): 0.013 B - - HORZ(TL): 0.026 B - - Creep Factor: 2.0 Max TC CSI: 0.781 Max BC CSI: 0.394 Max Web CSI: 0.000 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 368 - / - /140 /185 /108 D 122 - / - /69 - / - C 162 - / - /59 /126 - Wind reactions based on MWFRS E Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;

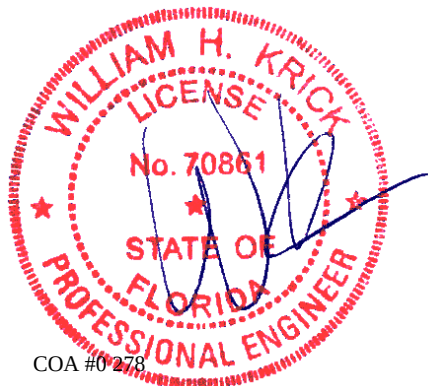
Wind

Member design based on both MWFRS and C&C.

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



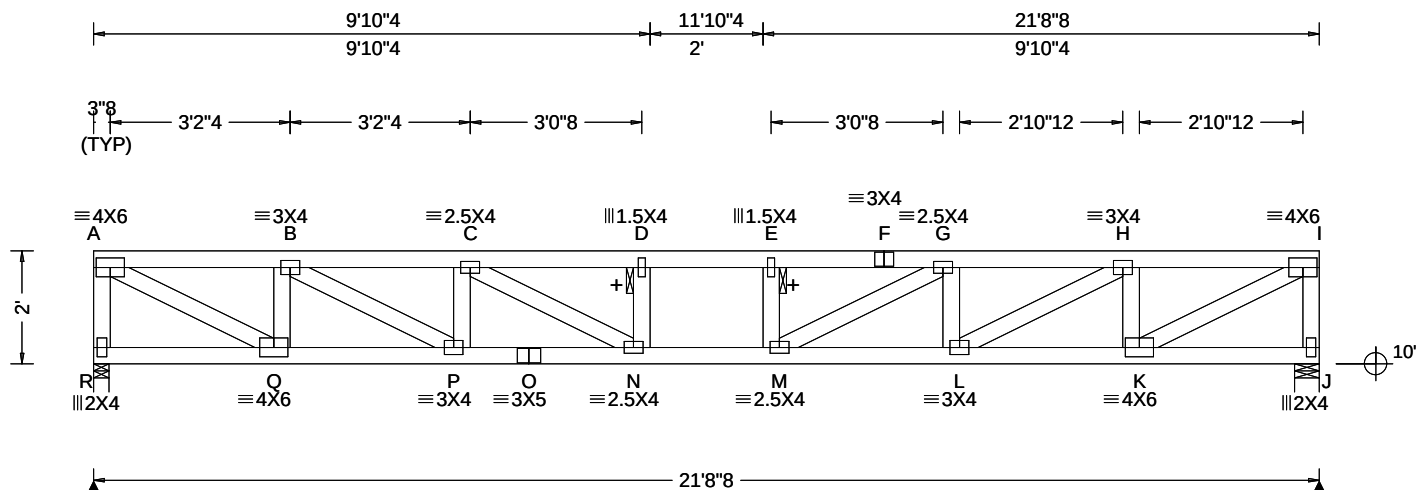
COA #0278

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Glenview, IL 60025

SEQN: 00000087922 SY42 FROM:	Ply: 1 Qty: 21	Job Number: Z0540 DILLON RES Truss Label: F1	Cust: R 2327 JRef: 1YK523270002 T55 DrwNo: 135.26.0855.46283 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.181 D 999 360 VERT(CL): 0.249 D 999 240 HORZ(LL): 0.038 A - - HORZ(TL): 0.052 A - - Creep Factor: 2.0 Max TC CSI: 0.247 Max BC CSI: 0.491 Max Web CSI: 0.684 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL R 796 /- /- /- /- /- J 796 /- /- /- /- /- R Brg Wid = 3.2 Min Req = 1.5 (Truss) J Brg Wid = 5.3 Min Req = 1.5 (Truss) Bearings R & 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 0 - 1273 E - F 0 - 2483 B - C 0 - 2094 F - G 0 - 2483 C - D 0 - 2483 G - H 0 - 2094 D - E 0 - 2497 H - I 0 - 1273

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Additional Notes

+ 2x6 continuous strongback. See detail
STRBRIBR1014 for bracing and bridging
recommendations.

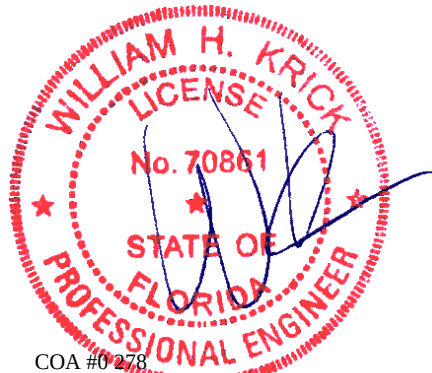
Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
Q - P	1386	0	N - M	2497	0
P - O	2161	0	M - L	2162	0
O - N	2161	0	L - K	1386	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.	
A - R	0	- 780	M - G	564	0
A - Q	1436	0	G - L	0	- 401
Q - B	0	- 672	L - H	822	0
B - P	821	0	H - K	0	- 671
P - C	0	- 400	K - I	1436	0
C - N	564	0	I - J	0	- 780



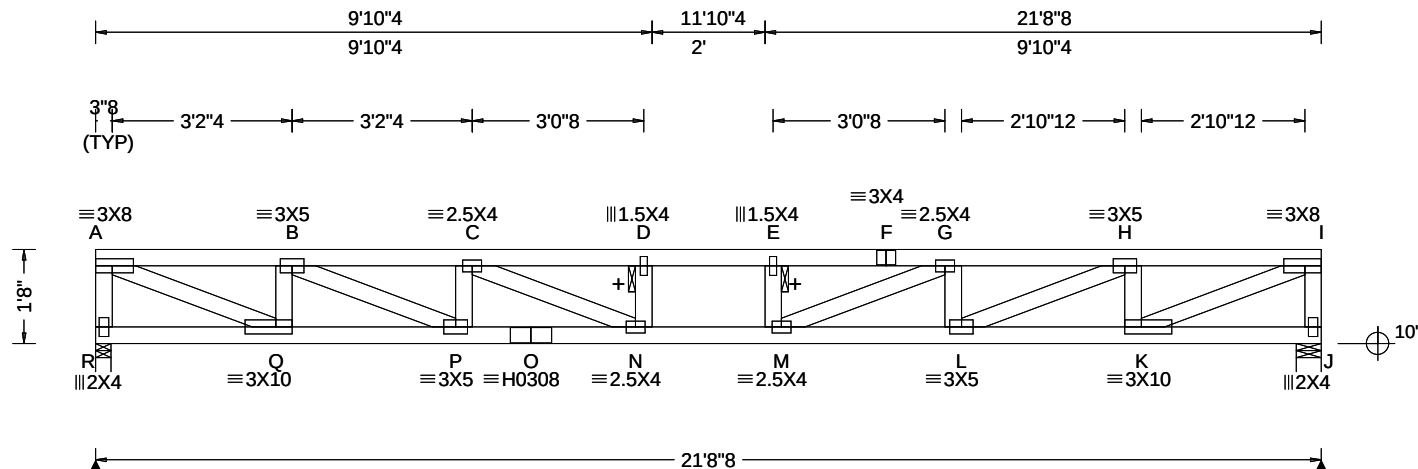
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087923 SY42 FROM:	Ply: 1 Qty: 10	Job Number: Z0540 DILLON RES Truss Label: F4	Cust: R 2327 JRef: 1YK523270002 T63 DrwNo: 135.26.0856.46333 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.270 D 966 360 VERT(CL): 0.371 D 702 240 HORZ(LL): 0.046 A - - HORZ(TL): 0.064 A - - Creep Factor: 2.0 Max TC CSI: 0.289 Max BC CSI: 0.622 Max Web CSI: 0.808 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL R 796 /- /- /- /- /- J 796 /- /- /- /- /- R Brg Wid = 3.2 Min Req = 1.5 (Truss) J Brg Wid = 5.3 Min Req = 1.5 (Truss) Bearings R & 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 0 - 1570 E - F 0 - 3067 B - C 0 - 2587 F - G 0 - 3067 C - D 0 - 3067 G - H 0 - 2588 D - E 0 - 3085 H - I 0 - 1570

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Additional Notes

+ 2x6 continuous strongback. See detail
STRBRIBR1014 for bracing and bridging
recommendations.

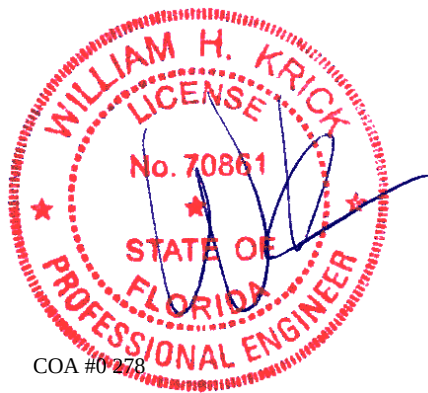
Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
Q - P	1710	0	N - M	3085	0
P - O	2670	0	M - L	2671	0
O - N	2670	0	L - K	1709	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.	
A - R	0	- 777	M - G	662	0
A - Q	1697	0	G - L	0	- 403
Q - B	0	- 674	L - H	972	0
B - P	971	0	H - K	0	- 673
P - C	0	- 402	K - I	1697	0
C - N	663	0	I - J	0	- 777



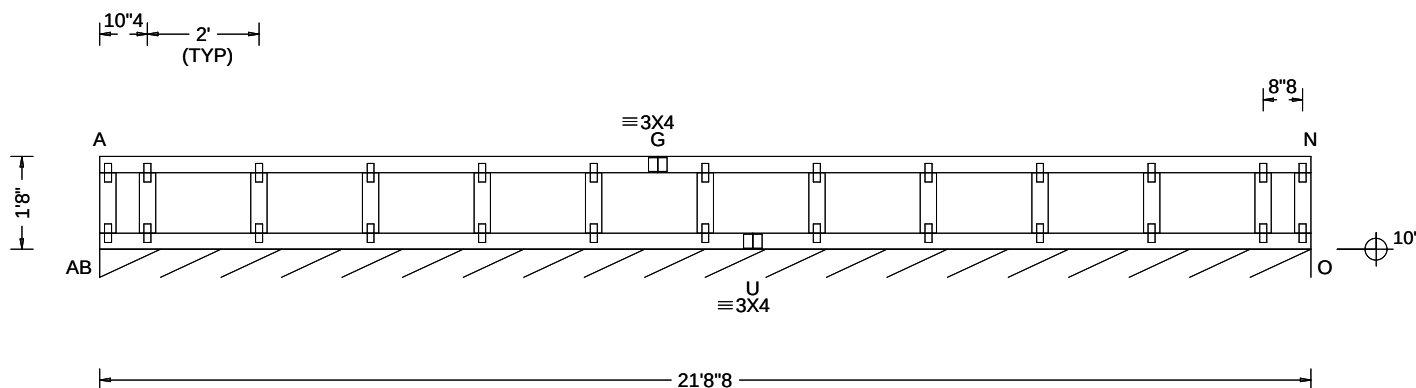
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087924 SY42 FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F6	Cust: R 2327 JRef: 1YK523270002 T85 DrwNo: 135.26.0856.49133 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 L 999 360 VERT(CL): 0.000 L 999 240 HORZ(LL): -0.000 AB - - HORZ(TL): 0.000 AB - - Creep Factor: 2.0 Max TC CSI: 0.041 Max BC CSI: 0.010 Max Web CSI: 0.032 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL O* 73 /- /- /- /- /- O Brg Wid = 260 Min Req = - Bearing AB is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Additional Notes

Truss must be installed as shown with top chord up.



COA #0278

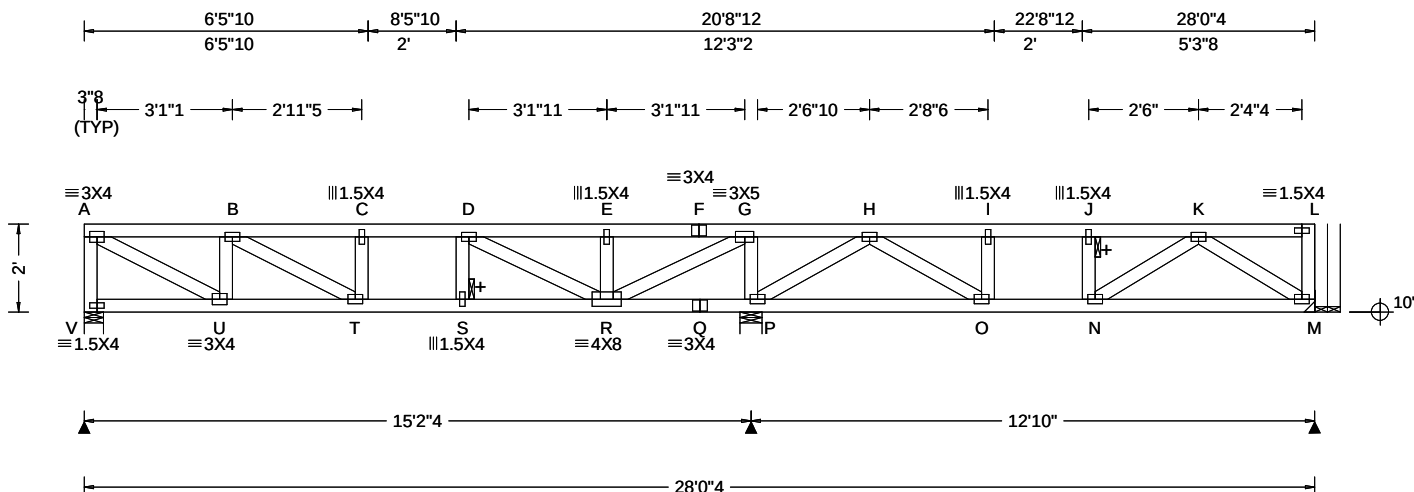
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Glenview, IL 60025

SEQN: 00000087925 SY42 FROM:	Ply: 1 Qty: 9	Job Number: Z0540 DILLON RES Truss Label: F7	Cust: R 2327 JRef: 1YK523270002 T54 DrwNo: 135.26.0856.51667 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCCL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.050 C 999 360 VERT(CL): 0.068 C 999 240 HORZ(LL): 0.013 A - - HORZ(TL): 0.018 A - - Creep Factor: 2.0 Max TC CSI: 0.249 Max BC CSI: 0.263 Max Web CSI: 0.477 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL V 508 /- /- /- /- /- P 1190 /- /- /- /- /- M 418 /- /- /- /- /- V Brg Wid = 5.2 Min Req = 1.5 (Support) P Brg Wid = 6.0 Min Req = 1.5 (Truss) M Brg Wid = - Min Req = - Bearings V & P 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 2.5X4 except as noted.

Hangers / Ties

Hanger Support Required, by others

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

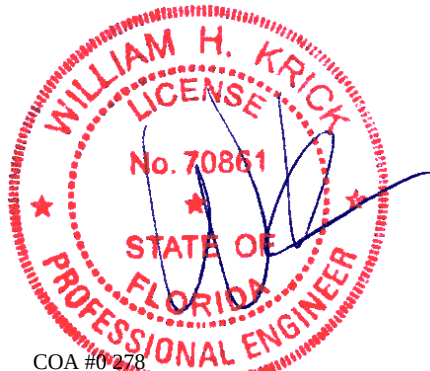
Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
U - T	794 0	Q - P	0 -534
T - S	1003 0	O - N	673 -6
S - R	999 0	N - M	506 0
R - Q	0 -534		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - V	0 -496	G - P	0 -719
A - U	827 0	P - H	0 -802
U - B	0 -377	H - O	546 0
D - R	0 -624	K - M	0 -597
R - G	1001 0		



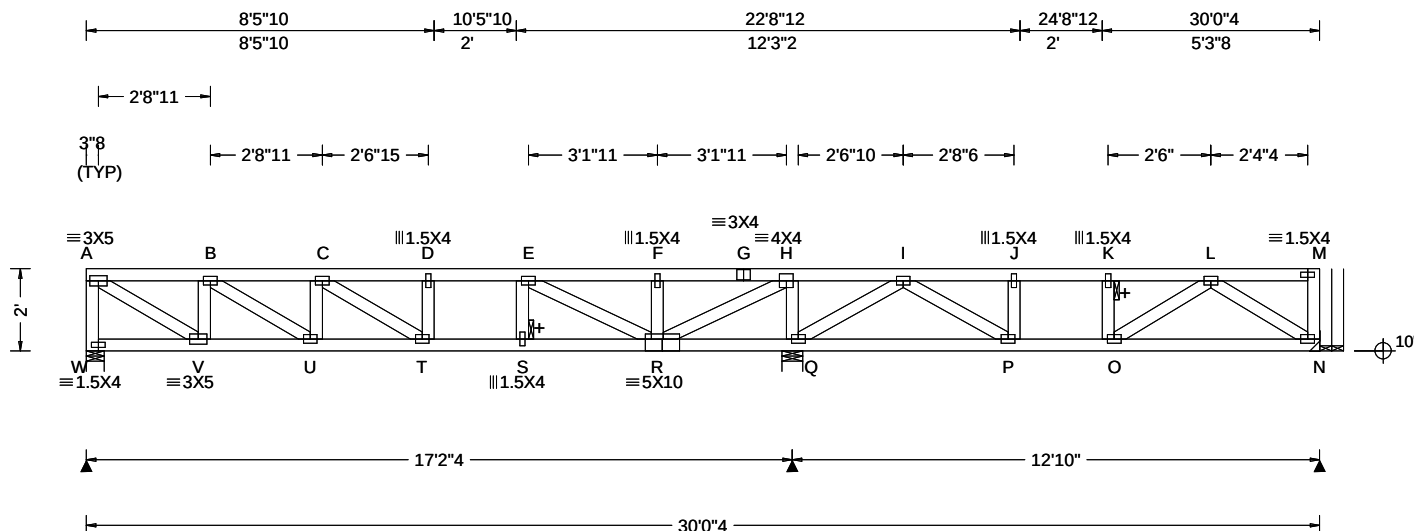
COA #0278

05/18/2026
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087926 SY42 FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F8	Cust: R 2327 JRef: 1YK523270002 T66 DrwNo: 135.26.0856.54637 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.086 D 999 360 VERT(CL): 0.117 D 999 240 HORZ(LL): 0.020 A - - HORZ(TL): 0.028 A - - Creep Factor: 2.0 Max TC CSI: 0.274 Max BC CSI: 0.412 Max Web CSI: 0.543 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL W 578 -/-/-/-/-/- Q 1277 -/-/-/-/-/- N 414 -/-/-/-/-/- W Brg Wid = 5.2 Min Req = 1.5 (Support) Q Brg Wid = 6.0 Min Req = 1.5 (Truss) N Brg Wid = - Min Req = - Bearings W & Q 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 2.5X4 except as noted.

Additional Notes

+ 2x6 continuous strongback. See detail
STRBRIBR1014 for bracing and bridging
recommendations.

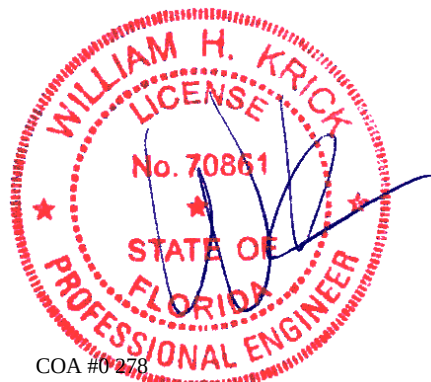
Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
V - U	844	0	R - Q	0	- 612
U - T	1255	0	P - O	661	- 53
T - S	1254	0	O - N	501	0
S - R	1245	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.	
A - W	0	- 564	R - H	1140	0
A - V	895	0	H - Q	0	- 794
V - B	0	- 475	Q - I	0	- 818
B - U	459	0	I - P	578	0
E - R	0	- 841	L - N	0	- 590



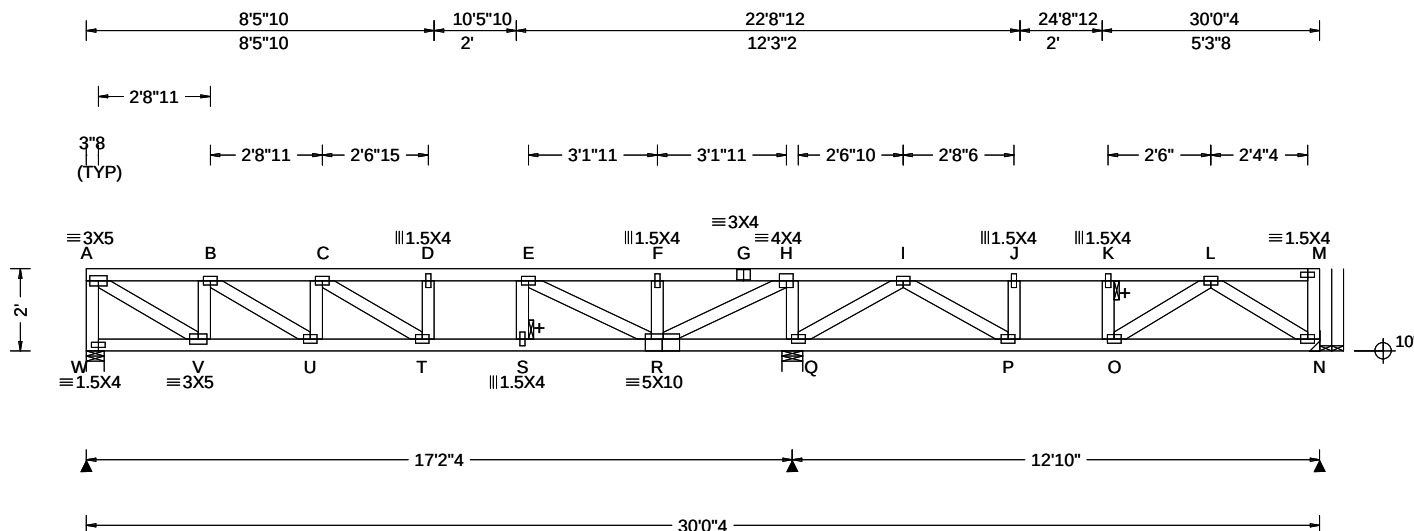
COA #0 278

05/18/2026
Florida Certificate of Product Approval #FL 1999

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

SEQN: 00000087927 SY42 FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F9	Cust: R 2327 JRef: 1YK523270002 T62 DrwNo: 135.26.0856.58240 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.086 D 999 360 VERT(CL): 0.117 D 999 240 HORZ(LL): 0.020 A - - HORZ(TL): 0.028 A - - Creep Factor: 2.0 Max TC CSI: 0.274 Max BC CSI: 0.412 Max Web CSI: 0.543 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL W 578 -/- /- /- /- /- Q 1277 -/- /- /- /- /- N 414 -/- /- /- /- /- W Brg Wid = 5.2 Min Req = 1.5 (Support) Q Brg Wid = 6.0 Min Req = 1.5 (Truss) N Brg Wid = - Min Req = - Bearings W & Q 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 2.5X4 except as noted.

Hangers / Ties

Hanger Support Required, by others

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

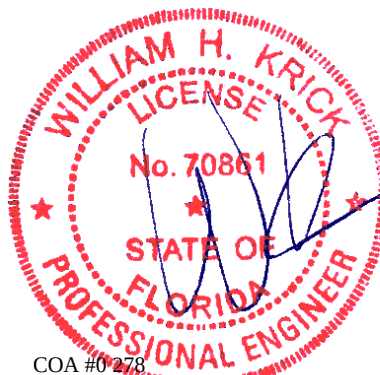
Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
V - U	844 0	R - Q	0 - 612
U - T	1255 0	P - O	661 - 53
T - S	1254 0	O - N	501 0
S - R	1245 0		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - W	0 - 564	R - H	1140 0
A - V	895 0	H - Q	0 - 794
V - B	0 - 475	Q - I	0 - 818
B - U	459 0	I - P	578 0
E - R	0 - 841	L - N	0 - 590



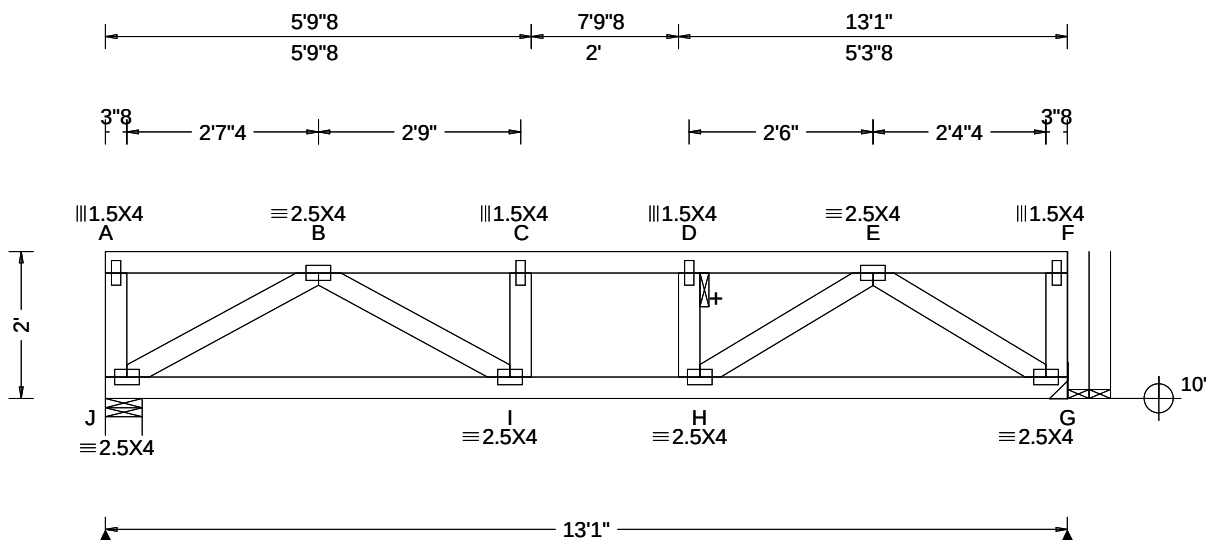
COA #0278

05/18/2026
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: 000000087928 SY42 FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F10	Cust: R 2327 JRef: 1YK523270002 T78 DrwNo: 135.26.0855.51080 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.032 C 999 360 VERT(CL): 0.048 C 999 240 HORZ(LL): 0.009 G - - HORZ(TL): 0.014 A - - Creep Factor: 2.0 Max TC CSI: 0.169 Max BC CSI: 0.192 Max Web CSI: 0.218 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL J 480 -/- /- /- /- /- G 480 -/- /- /- /- /- J Brg Wid = 6.0 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing J 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 0 -890 D - E 0 -887 C - D 0 -902

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Hangers / Ties

Hanger Support Required, by others

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

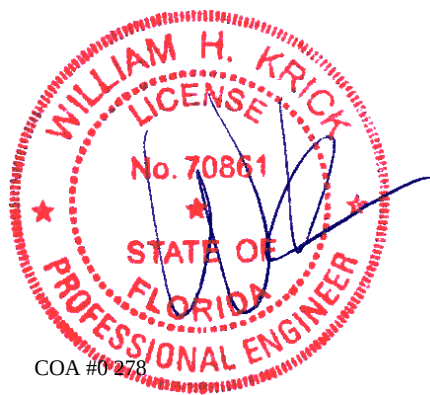
Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
J - I	647	H - G	604
I - H	902		0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
J - B	0	E - G	0
H - E	387		-714



COA #0278

05/18/2026

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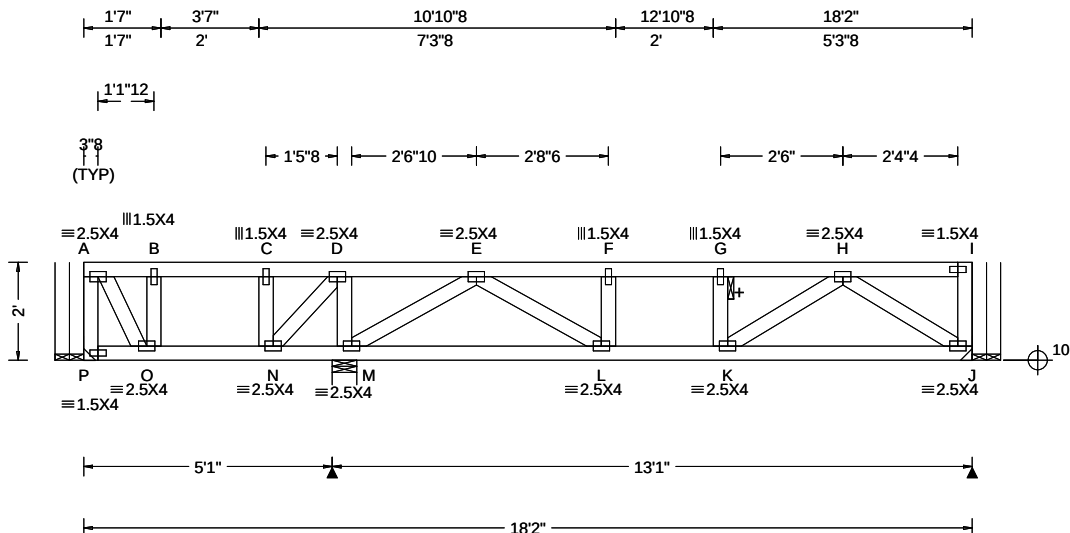
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087929 SY42 FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: F11	Cust: R 2327 JRef: 1YK523270002 T71 DrwNo: 135.26.0855.53530 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.026 G 999 360 VERT(CL): 0.039 G 999 240 HORZ(LL): 0.007 J - - HORZ(TL): 0.010 J - - Creep Factor: 2.0 Max TC CSI: 0.152 Max BC CSI: 0.167 Max Web CSI: 0.207 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL P 177 -/- /- /- /- /- M 752 -/- /- /- /- /- J 444 -/- /- /- /- /- P Brg Wid = - Min Req = - M Brg Wid = 6.0 Min Req = 1.5 (Truss) J 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Hangers / Ties

Hanger Support Required, by others

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

E - F	0	-753	G - H	0	-757
F - G	0	-768			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	443	0	K - J	547	0
L - K	768	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
M - E	0 - 715	H - J	0 - 646
E - L	391 0		



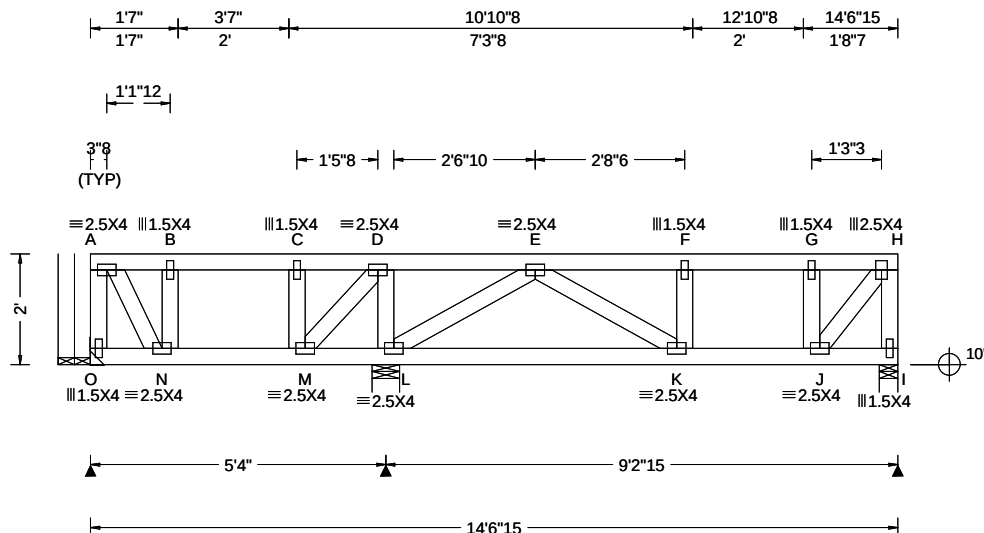
COA #0228

05/18/2026
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087930 SY42 FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: F12	Cust: R 2327 JRef: 1YK523270002 T83 DrwNo: 135.26.0856.00213 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.026 F 999 360 VERT(CL): 0.035 F 999 240 HORZ(LL): 0.007 E - - HORZ(TL): 0.010 E - - Creep Factor: 2.0 Max TC CSI: 0.213 Max BC CSI: 0.165 Max Web CSI: 0.208 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL O 171 /-15 /- /- /- /- L 659 /- /- /- /- /- I 293 /- /- /- /- /- O Brg Wid = - Min Req = - L Brg Wid = 6.0 Min Req = 1.5 (Truss) I Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings L & I are a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. L - E 0 -512 J - H 438 0

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

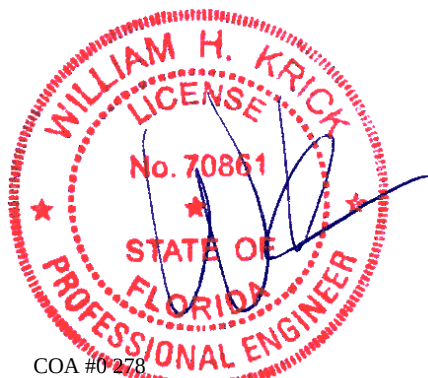
Hangers / Ties

Hanger Support Required, by others

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



COA #0278

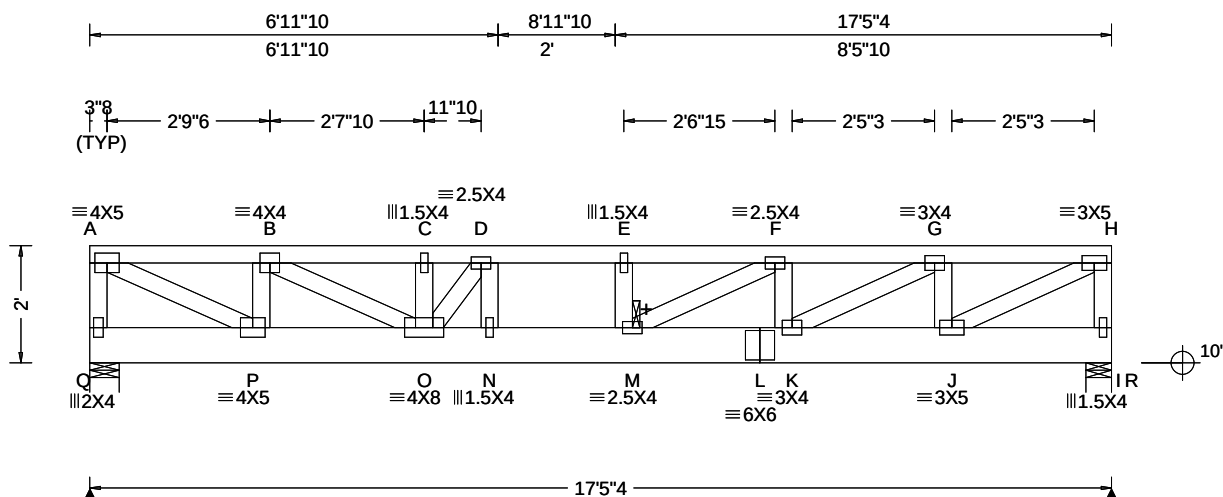
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ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087931 SY42 FROM:	Ply: 2 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F13	Cust: R 2327 JRef: 1YK523270002 T64 DrwNo: 135.26.0856.02667 JB / WHK 05/15/2026
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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: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.095 N 999 360 VERT(CL): 0.131 N 999 240 HORZ(LL): 0.021 A - - HORZ(TL): 0.029 A - - Creep Factor: 2.0 Max TC CSI: 0.150 Max BC CSI: 0.231 Max Web CSI: 0.673 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Q 1562 /- /- /- /- /- R 1088 /- /- /- /- /- Q Brg Wid = 6.0 Min Req = 1.5 (Truss) R Brg Wid = 5.2 Min Req = 1.5 (Truss) Bearings Q & R 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 0 - 1239 E - F 0 - 2096 B - C 0 - 2225 F - G 0 - 1483 C - D 0 - 2225 G - H 0 - 813 D - E 0 - 2107

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3;

Nailnote

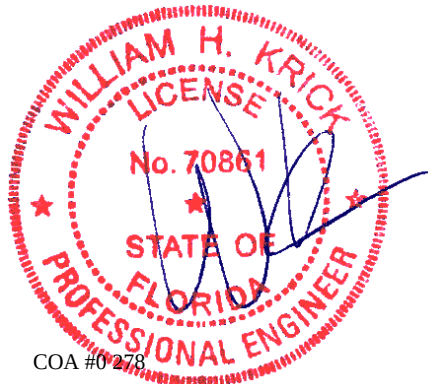
Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

----- (Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 67 plf at 0.00 to 67 plf at 17.44
BC: From 7 plf at 0.00 to 7 plf at 17.44
BC: 1372 lb Conc. Load at 5.71

Additional Notes

+ 2x6 continuous strongback. See detail
STRBRIBR1014 for bracing and bridging
recommendations.
Truss must be installed as shown with top chord up.



COA #0278

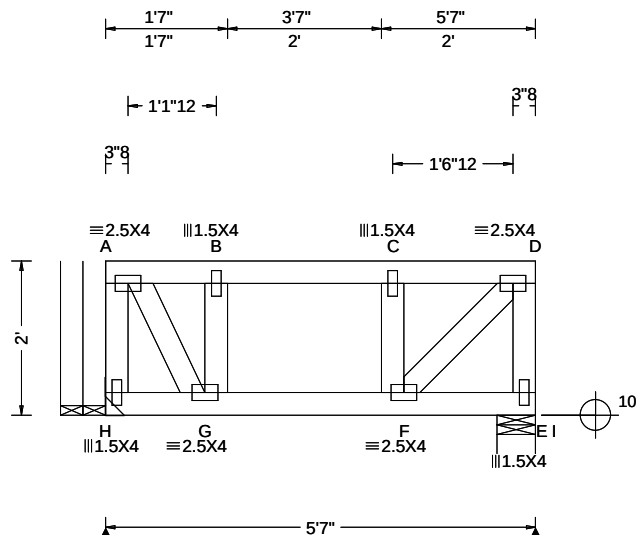
05/18/2026
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087932 SY42 FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: F14	Cust: R 2327 JRef: 1YK523270002 T94 DrwNo: 135.26.0856.04893 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.005 C 999 360 VERT(CL): 0.006 C 999 240 HORZ(LL): -0.003 D - - HORZ(TL): 0.004 D - - Creep Factor: 2.0 Max TC CSI: 0.064 Max BC CSI: 0.059 Max Web CSI: 0.107 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 205 /- /- /- /- /- I 205 /- /- /- /- /- H Brg Wid = - Min Req = - I Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Hangers / Ties

Hanger Support Required, by others

Additional Notes

Truss must be installed as shown with top chord up.



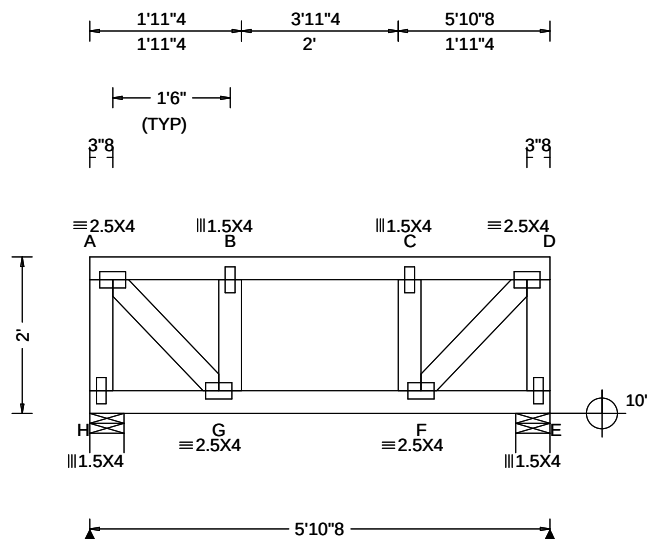
COA #0278

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

SEQN: 00000087933 SY42 FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: F15	Cust: R 2327 JRef: 1YK523270002 T70 DrwNo: 135.26.0856.10613 JB / WHK 05/15/2026
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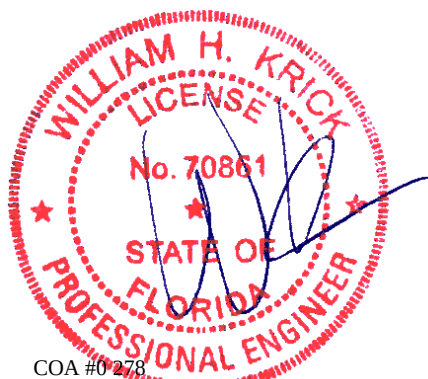
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.003 B 999 360 VERT(CL): 0.005 B 999 240 HORZ(LL): 0.002 A - - HORZ(TL): 0.003 A - - Creep Factor: 2.0 Max TC CSI: 0.052 Max BC CSI: 0.048 Max Web CSI: 0.106 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 215 /- /- /- /- /- E 215 /- /- /- /- /- H Brg Wid = 5.2 Min Req = 1.5 (Truss) E Brg Wid = 5.2 Min Req = 1.5 (Truss) Bearings H & E are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Additional Notes

Truss must be installed as shown with top chord up.



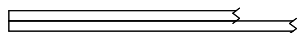
COA #0278

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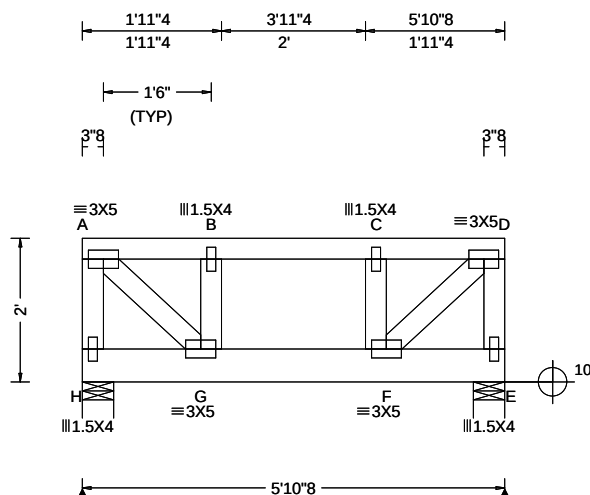
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 000000087934 SY42 FROM:	Ply: 2 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F16	Cust: R 2327 JRef: 1YK523270002 T58 DrwNo: 135.26.0856.13670 JB / WHK 05/15/2026
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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: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.011 B 999 360 VERT(CL): 0.011 B 999 240 HORZ(LL): 0.004 A - - HORZ(TL): 0.004 A - - Creep Factor: 2.0 Max TC CSI: 0.057 Max BC CSI: 0.269 Max Web CSI: 0.420 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 1711 /- /- /- /- /- E 1330 /- /- /- /- /- H Brg Wid = 5.2 Min Req = 1.5 (Truss) E Brg Wid = 5.2 Min Req = 1.5 (Truss) Bearings H & 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 0 -631 C - D 0 -629 B - C 0 -633

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x6 SP #1;
Webs: 2x4 SP #3;

Nailnote

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 5.00" 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.=1.00 / Plate Dur.Fac.=1.00)
TC: From 33 plf at 0.00 to 33 plf at 5.87
BC: From 3 plf at 0.00 to 3 plf at 5.87
BC: 707 lb Conc. Load at 0.54, 1.87, 3.21, 4.54

Additional Notes

Truss must be installed as shown with top chord up.



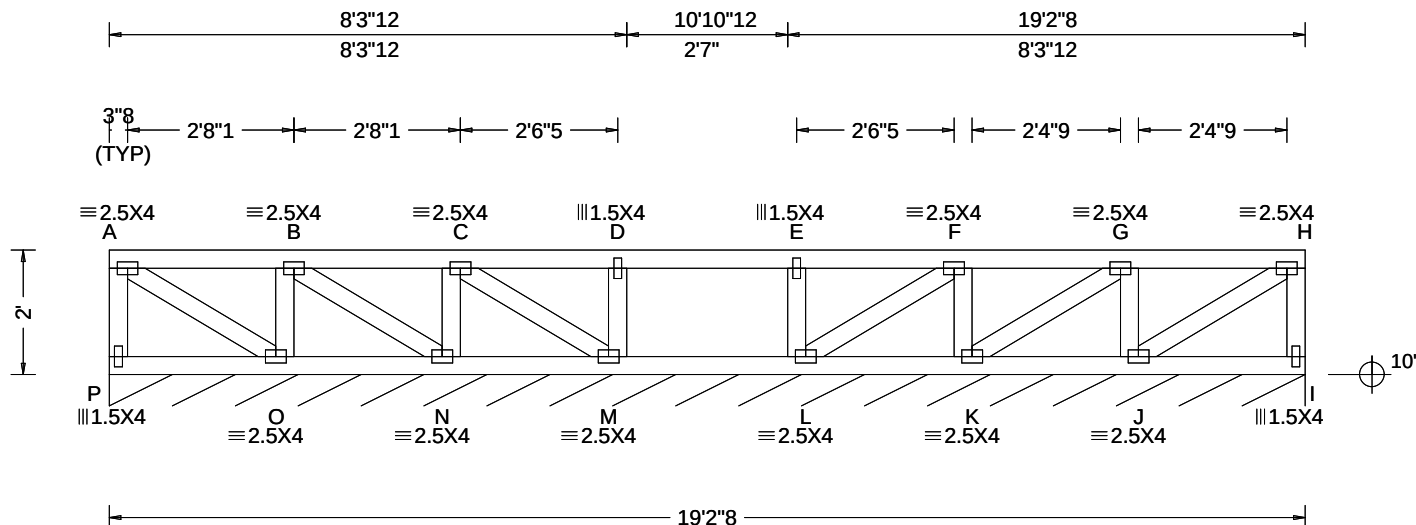
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SEQN: 00000087935 SY42 FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: F17	Cust: R 2327 JRef: 1YK523270002 T87 DrwNo: 135.26.0856.15733 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 360 VERT(CL): 0.001 B 999 240 HORZ(LL): -0.000 A - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.100 Max BC CSI: 0.021 Max Web CSI: 0.044 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I* 73 /- /- /- /- /- I Brg Wid = 230 Min Req = - Bearing P is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



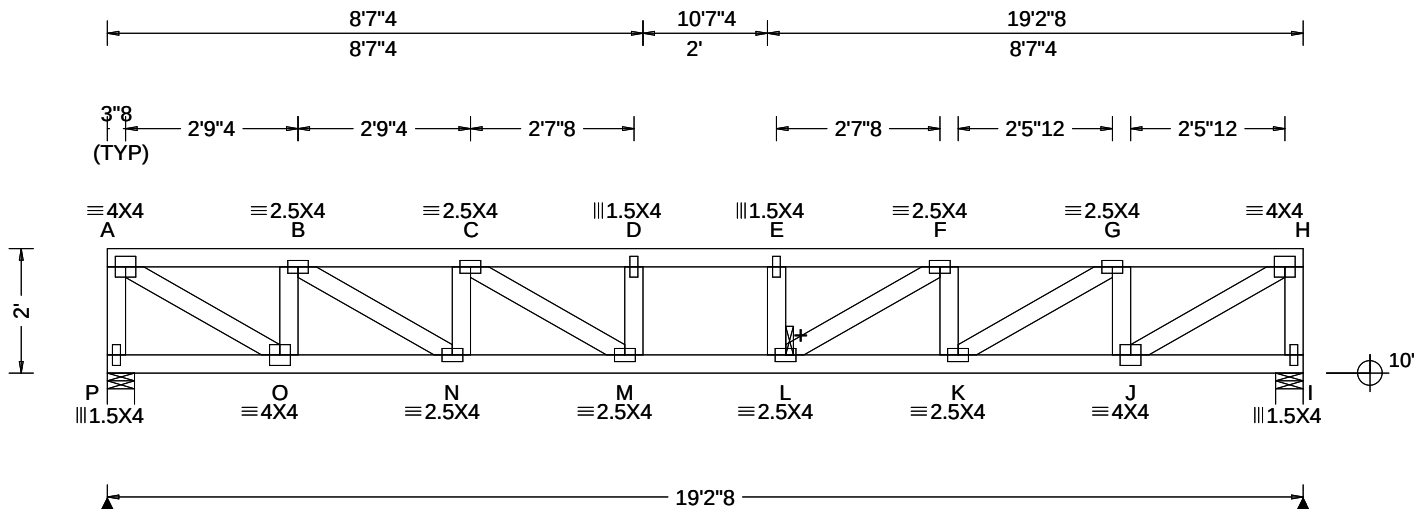
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087936 SY42 FROM:	Ply: 1 Qty: 15	Job Number: Z0540 DILLON RES Truss Label: F18	Cust: R 2327 JRef: 1YK523270002 T73 DrwNo: 135.26.0856.18337 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.112 D 999 360 VERT(CL): 0.154 D 999 240 HORZ(LL): 0.026 A - - HORZ(TL): 0.036 A - - Creep Factor: 2.0 Max TC CSI: 0.189 Max BC CSI: 0.386 Max Web CSI: 0.545 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL P 704 /- /- /- /- /- I 704 /- /- /- /- /- P Brg Wid = 5.2 Min Req = 1.5 (Truss) I Brg Wid = 5.2 Min Req = 1.5 (Truss) Bearings P & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 0 -980 E - F 0 -1936 B - C 0 -1619 F - G 0 -1619 C - D 0 -1936 G - H 0 -980 D - E 0 -1950

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Additional Notes

+ 2x6 continuous strongback. See detail
STRBRIBR1014 for bracing and bridging
recommendations.

Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	1080	L - K	1679
N - M	1679	K - J	1080
M - L	1950		0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - P	0 -690	L - F	469
A - O	1144	K - G	655
O - B	0 -595	G - J	0 -595
B - N	655	J - H	1144
C - M	469	H - I	0 -690



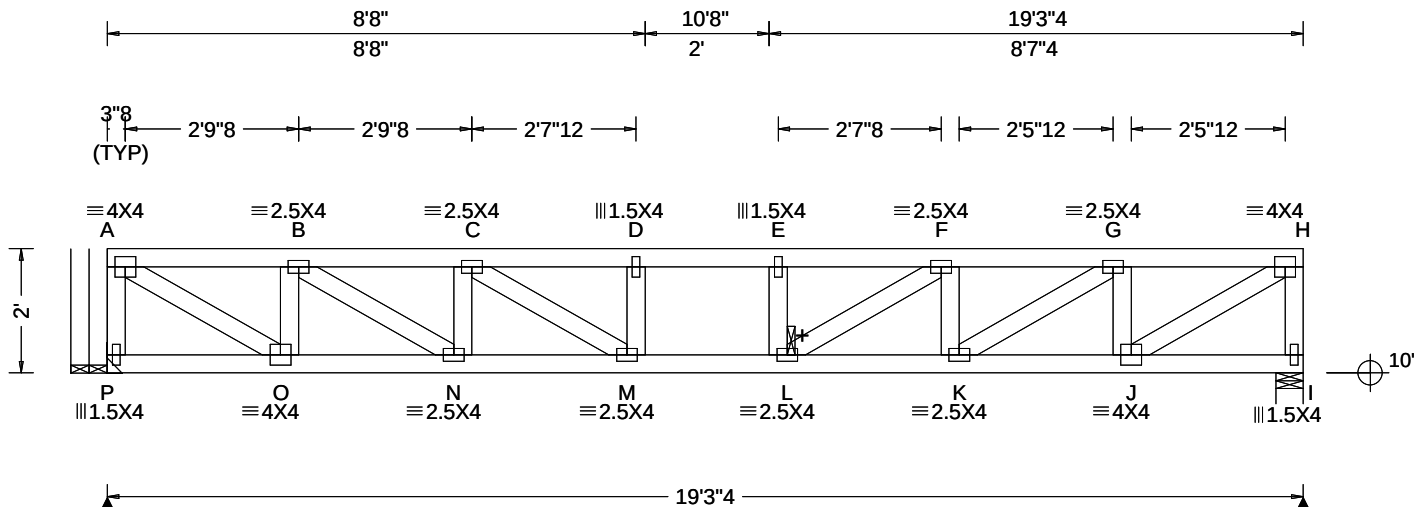
COA #0278

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

SEQN: 00000087937 SY42 FROM:	Ply: 1 Qty: 4	Job Number: Z0540 DILLON RES Truss Label: F19	Cust: R 2327 JRef: 1YK523270002 T79 DrwNo: 135.26.0856.23787 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.114 D 999 360 VERT(CL): 0.157 D 999 240 HORZ(LL): 0.026 A - - HORZ(TL): 0.036 A - - Creep Factor: 2.0 Max TC CSI: 0.192 Max BC CSI: 0.389 Max Web CSI: 0.549 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL P 707 /- /- /- /- /- I 707 /- /- /- /- /- P Brg Wid = - Min Req = - I Brg Wid = 5.2 Min Req = 1.5 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 0 -990 E - F 0 -1949 B - C 0 -1634 F - G 0 -1626 C - D 0 -1949 G - H 0 -983 D - E 0 -1963

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Hangers / Ties

Hanger Support Required, by others

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	1090	L - K	1687
N - M	1694	K - J	1084
M - L	1963		0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - P	0 -692	L - F	474
A - O	1153	K - G	659
O - B	0 -597	G - J	0 -597
B - N	659	J - H	1148
C - M	468	H - I	0 -692



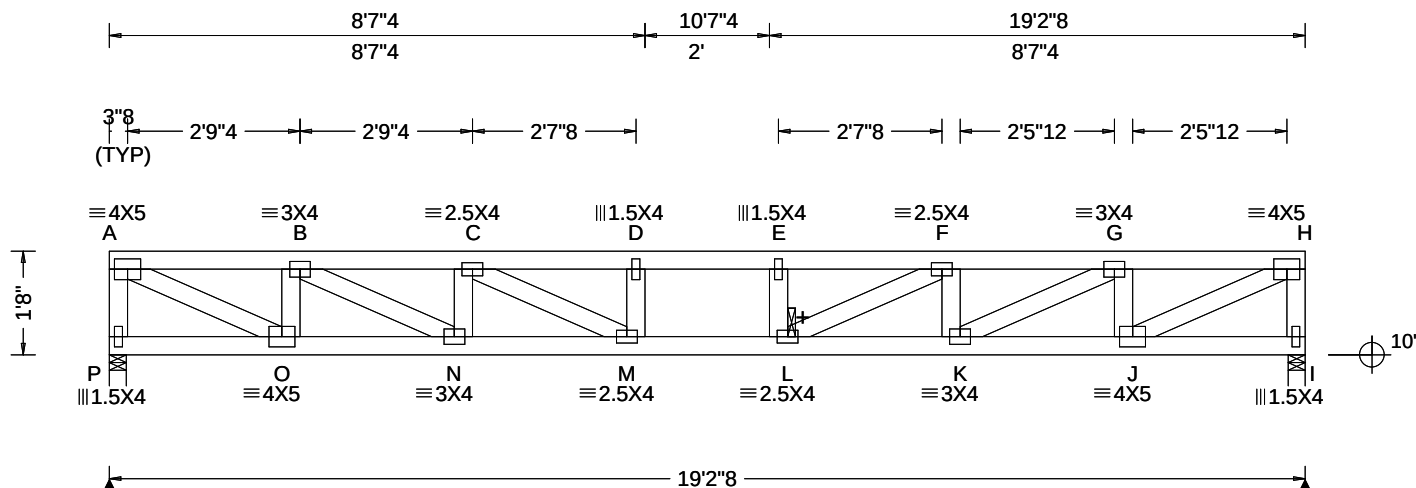
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087938 SY42 FROM:	Ply: 1 Qty: 4	Job Number: Z0540 DILLON RES Truss Label: F20	Cust: R 2327 JRef: 1YK523270002 T59 DrwNo: 135.26.0856.26013 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.165 E 999 360 VERT(CL): 0.227 E 999 240 HORZ(LL): 0.032 A - - HORZ(TL): 0.044 A - - Creep Factor: 2.0 Max TC CSI: 0.212 Max BC CSI: 0.488 Max Web CSI: 0.638 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL P 704 /- /- /- /- /- I 704 /- /- /- /- /- P Brg Wid = 3.2 Min Req = 1.5 (Truss) I Brg Wid = 3.2 Min Req = 1.5 (Truss) Bearings P & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 0 - 1208 E - F 0 - 2392 B - C 0 - 2001 F - G 0 - 2001 C - D 0 - 2392 G - H 0 - 1208 D - E 0 - 2409

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Additional Notes

+ 2x6 continuous strongback. See detail
STRBRIBR1014 for bracing and bridging
recommendations.

Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	1332	L - K	2075
N - M	2075	K - J	1332
M - L	2409		0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - P	0 - 687	L - F	544
A - O	1339	K - G	765
O - B	0 - 597	G - J	0 - 597
B - N	765	J - H	1339
C - M	544	H - I	0 - 687



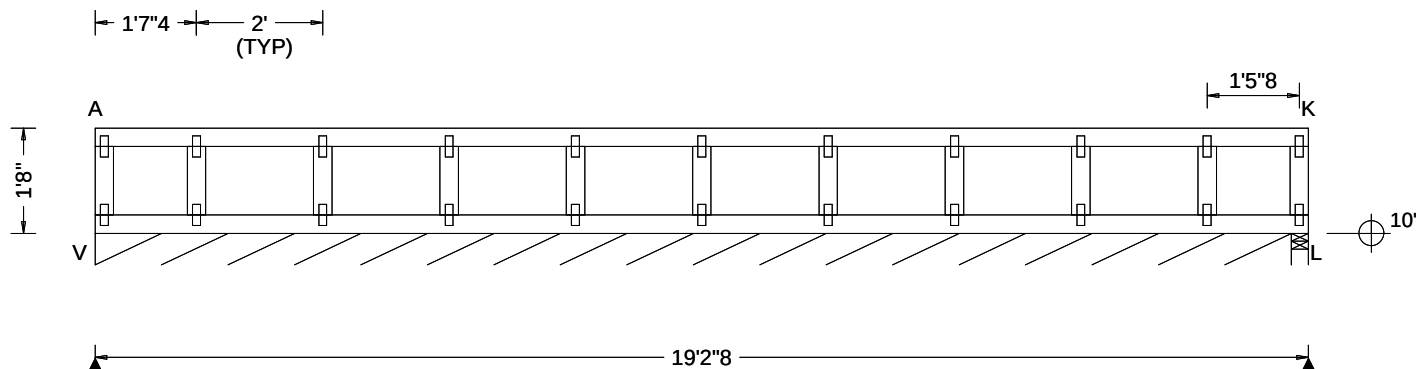
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087939 SY42 FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F21	Cust: R 2327 JRef: 1YK523270002 T60 DrwNo: 135.26.0856.32630 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 I 999 360 VERT(CL): 0.000 I 999 240 HORZ(LL): 0.000 A - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.040 Max BC CSI: 0.010 Max Web CSI: 0.031 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL V* 72 /- /- /- /- /- L 46 /- /- /- /- /- V Brg Wid = 227 Min Req = - L Brg Wid = 3.2 Min Req = 1.5 (Truss) Bearings V & L are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



COA #0278

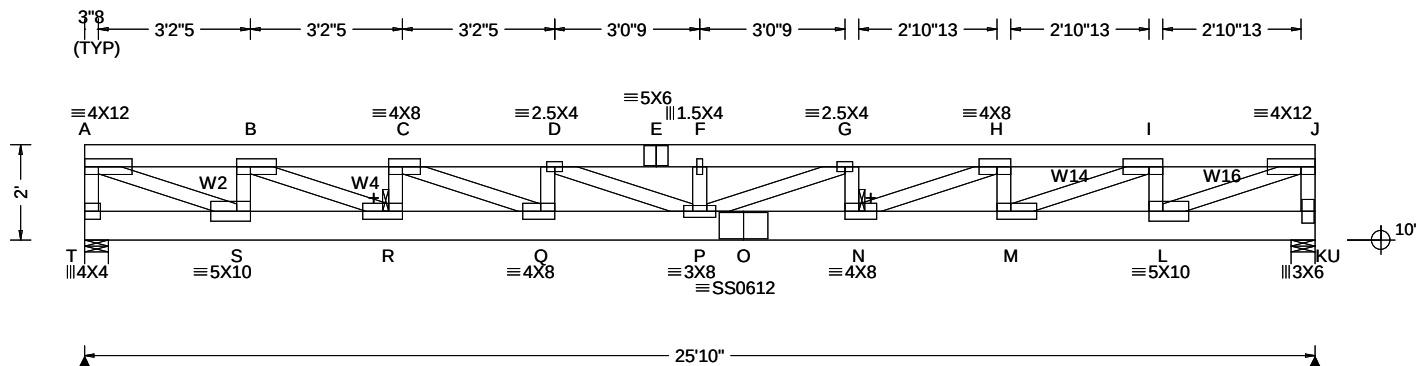
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SEQN: 00000087940 SY42 FROM:	Ply: 2 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F22	Cust: R 2327 JRef: 1YK523270002 T37 DrwNo: 135.26.0856.38183 JB / WHK 05/15/2026
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCDL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:12(0)/10(0) Plate Type(s): WAVE, 18SS	PP Deflection in loc L/defl L/# VERT(LL): 0.624 F 496 360 VERT(CL): 0.858 F 361 240 HORZ(LL): 0.092 A - - HORZ(TL): 0.127 A - - Creep Factor: 2.0 Max TC CSI: 0.885 Max BC CSI: 0.805 Max Web CSI: 0.878 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL T 4339 -/- /- /- /- /- U 4401 -/- /- /- /- /- T Brg Wid = 6.0 Min Req = 2.2 (Truss) U Brg Wid = 6.0 Min Req = 2.2 (Truss) Bearings T & U 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 0 - 4097 F - G 0 - 9588 B - C 0 - 7180 G - H 0 - 9108 C - D 0 - 9001 H - I 0 - 7310 D - E 0 - 9588 I - J 0 - 4183 E - F 0 - 9588

Lumber

Top chord: 2x6 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3; W2,W4,W14,W16 2x4 SP #1;

Nailnote

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 4.00" 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.=1.00 / Plate Dur.Fac.=1.00)
TC: From 33 plf at 0.00 to 33 plf at 24.07
TC: From 67 plf at 24.07 to 67 plf at 25.83
BC: From 3 plf at 0.00 to 3 plf at 24.07
BC: From 7 plf at 24.07 to 7 plf at 25.83
BC: 418 lb Conc. Load at 1.40, 2.73, 4.07, 5.40
6.73, 8.07, 9.40, 10.73, 12.07
BC: 414 lb Conc. Load at 13.40, 14.73
BC: 480 lb Conc. Load at 16.07
BC: 444 lb Conc. Load at 17.40, 18.73, 20.07, 21.40
22.73, 24.07

Plating Notes

All plates are 4X10 except as noted.

Deflection

Max JT VERT DEFL: LL: 0.62" DL: 0.23". See detail DEFLCMB1014 for camber recommendations.

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
S - R	4384 0	O - N	9161 0
R - Q	7356 0	N - M	7484 0
Q - P	9065 0	M - L	4476 0
P - O	9161 0		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - T	0 - 1944	P - G	474 0
A - S	4495 0	N - H	1820 0
S - B	0 - 1472	H - M	0 - 894
B - R	3134 0	M - I	3176 0
R - C	0 - 904	I - L	0 - 1502
C - Q	1844 0	L - J	4590 0
D - P	581 0	J - K	0 - 2005



COA #0278

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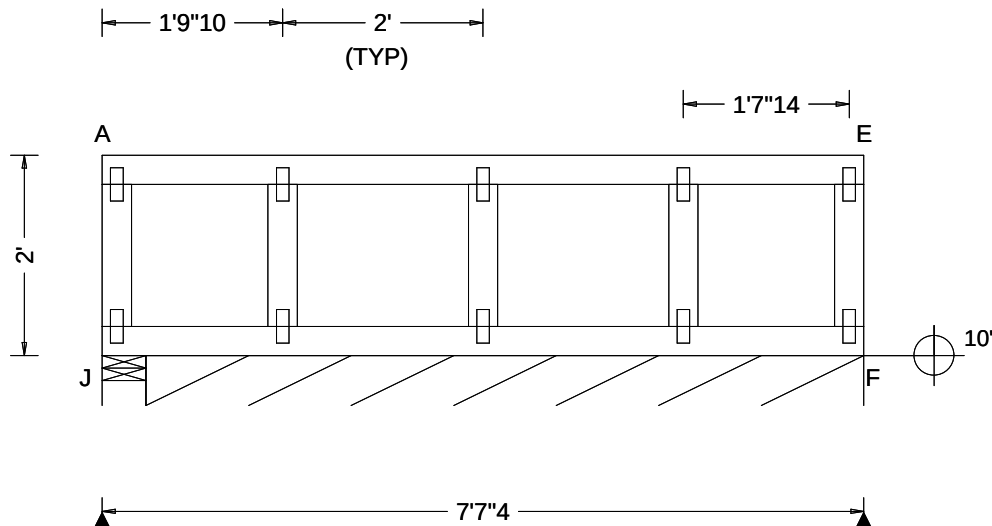
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087941 SY42 FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F24	Cust: R 2327 JRef: 1YK523270002 T68 DrwNo: 135.26.0856.40017 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 360 VERT(CL): 0.000 B 999 240 HORZ(LL): 0.000 A - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.039 Max BC CSI: 0.010 Max Web CSI: 0.032 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 53 /- /- /- /- /- F* 70 /- /- /- /- /- J Brg Wid = 5.2 Min Req = 1.5 (Truss) F Brg Wid = 86.0 Min Req = - Bearings J & J are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

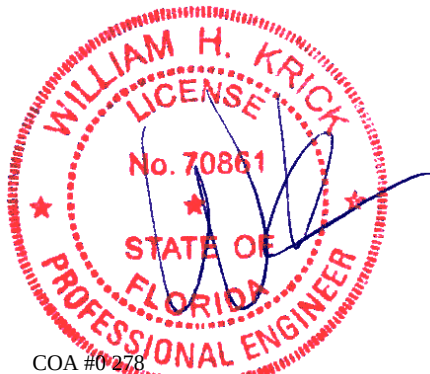
Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Additional Notes

Truss must be installed as shown with top chord up.



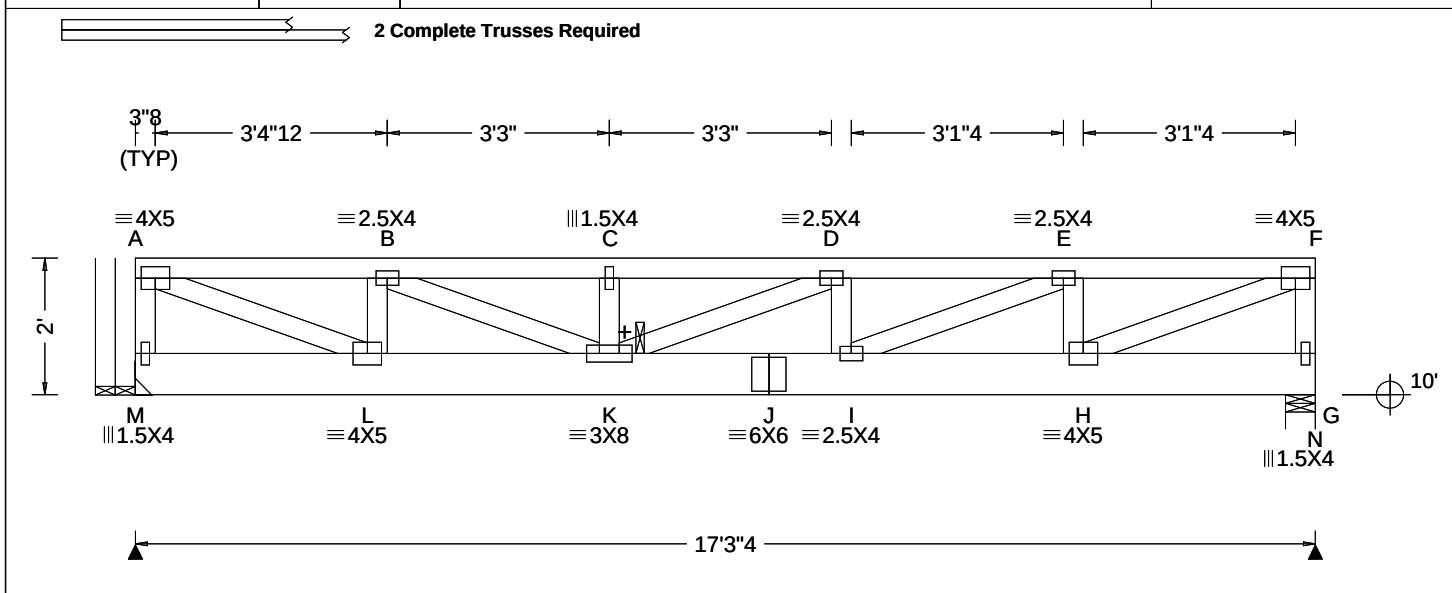
COA #0278

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

SEQN: 00000087942 SY42 FROM:	Ply: 2 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: F25	Cust: R 2327 JRef: 1YK523270002 T95 DrwNo: 135.26.0856.43657 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 16.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 12(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.090 C 999 360 VERT(CL): 0.123 C 999 240 HORZ(LL): 0.018 A - - HORZ(TL): 0.025 A - - Creep Factor: 2.0 Max TC CSI: 0.120 Max BC CSI: 0.200 Max Web CSI: 0.655 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL M 1372 - / - / - / - / - N 1450 - / - / - / - / - M Brg Wid = - Min Req = - N Brg Wid = 5.2 Min Req = 1.5 (Truss) Bearing N 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 0 - 1231 D - E 0 - 1894 B - C 0 - 1858 E - F 0 - 1258 C - D 0 - 1858

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3;

Nailnote

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 9.50" 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.=1.00 / Plate Dur.Fac.=1.00)
TC: From 33 plf at 0.00 to 33 plf at 17.27
BC: From 3 plf at 0.00 to 3 plf at 17.27
BC: 177 lb Conc. Load at 1.40, 2.73, 4.06, 5.40, 6.73, 8.06
BC: 171 lb Conc. Load at 9.40, 10.73, 12.06
BC: 205 lb Conc. Load at 13.40, 14.73, 16.06

Hangers / Ties

Hanger Support Required, by others

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



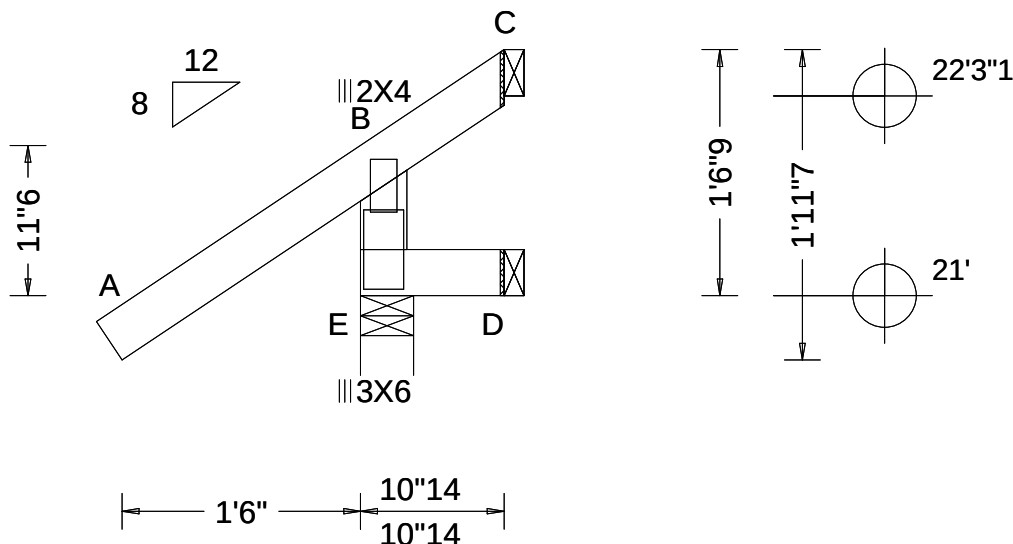
COA #0 278

05/18/2026
Florida Certificate of Product Approval #FL 1999

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

SEQN: 00000087943 JACK FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: SJ1	Cust: R 2327 JRef: 1YK523270002 T29 DrwNo: 135.26.0857.00230 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 21.69 ft TCDL: 4.2 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. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 240 VERT(CL): -0.001 B 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.001 B - - Creep Factor: 2.0 Max TC CSI: 0.303 Max BC CSI: 0.006 Max Web CSI: 0.196 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 217 /- /- /20 /208 /- D 18 /- /- /9 /- /12 C - /-60 /- /123 /- /104 Wind reactions based on MWFRS E Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 643 -208

Lumber

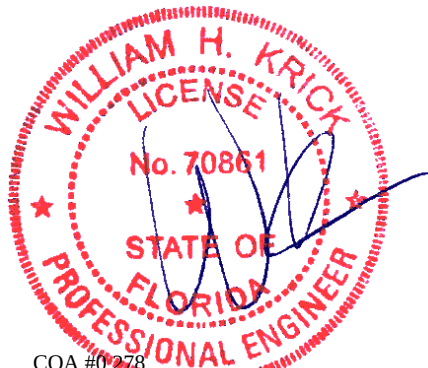
Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



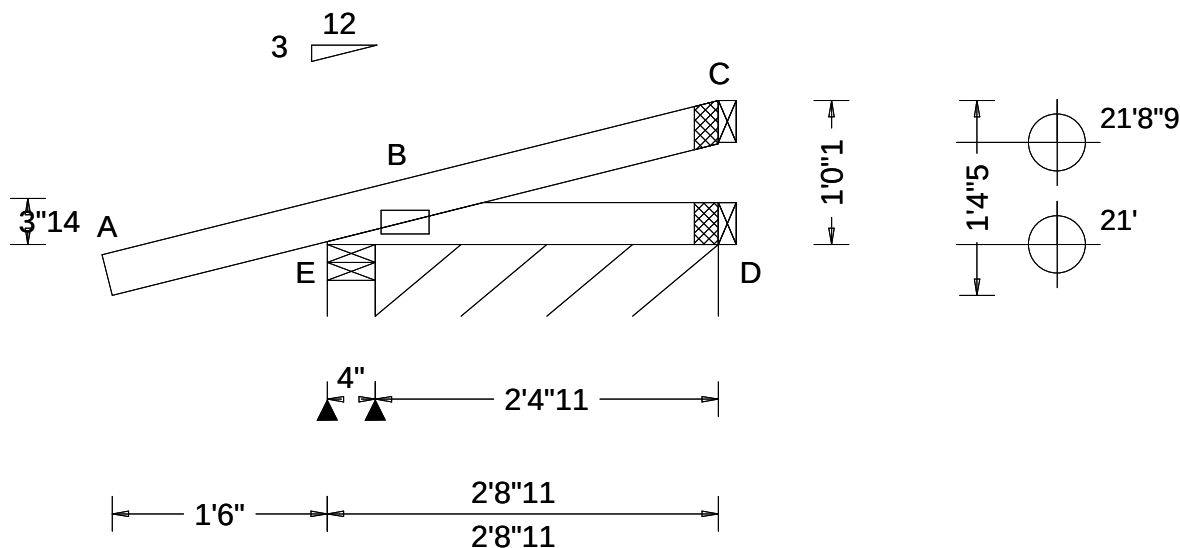
COA #0278

05/18/2026
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087944 JACK FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: SJ3	Cust: R 2327 JRef: 1YK523270002 T30 DrwNo: 135.26.0857.06690 JB / WHK 05/15/2026
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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	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity			Non-Gravity			
TCDL: 7.00	Speed: 140 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL: 0.00	Enclosure: Enclosed	Lu: NA Cs: NA	VERT(CL): NA	E	216	/-	/-	/48	/172	/55
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C - -	D*	23	/-	/-	/31	/-	/-
	EXP: C Kzt: NA		HORZ(TL): 0.001 B - -	D	19	/-	/-	/8	/0	/-
Des Ld: 37.00	Mean Height: 21.47 ft		Creep Factor: 2.0	C	40	/-	/-	/16	/34	/-
NCBCLL: 10.00	TCDL: 4.2 psf	Building Code:	Max TC CSI: 0.236	Wind reactions based on MWFRS						
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max BC CSI: 0.029	E	Brg Wid = 4.0		Min Req = 1.5 (Truss)			
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.000	D	Brg Wid = 28.7		Min Req = -			
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes		D	Brg Wid = 1.5		Min Req = -			
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		C	Brg Wid = 1.5		Min Req = -			
	GCpi: 0.18	Plate Type(s):		Bearings E & B are a rigid surface.						
	Wind Duration: 1.60	WAVE	VIEW Ver: 24.02.00B.1106.21	Members not listed have forces less than 375#						

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;

Plating Notes

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

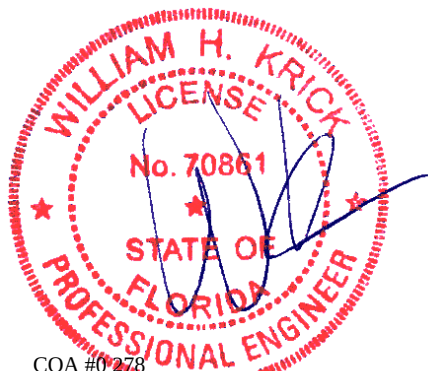
Wind

Member design based on both MWFRS and C&C.

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



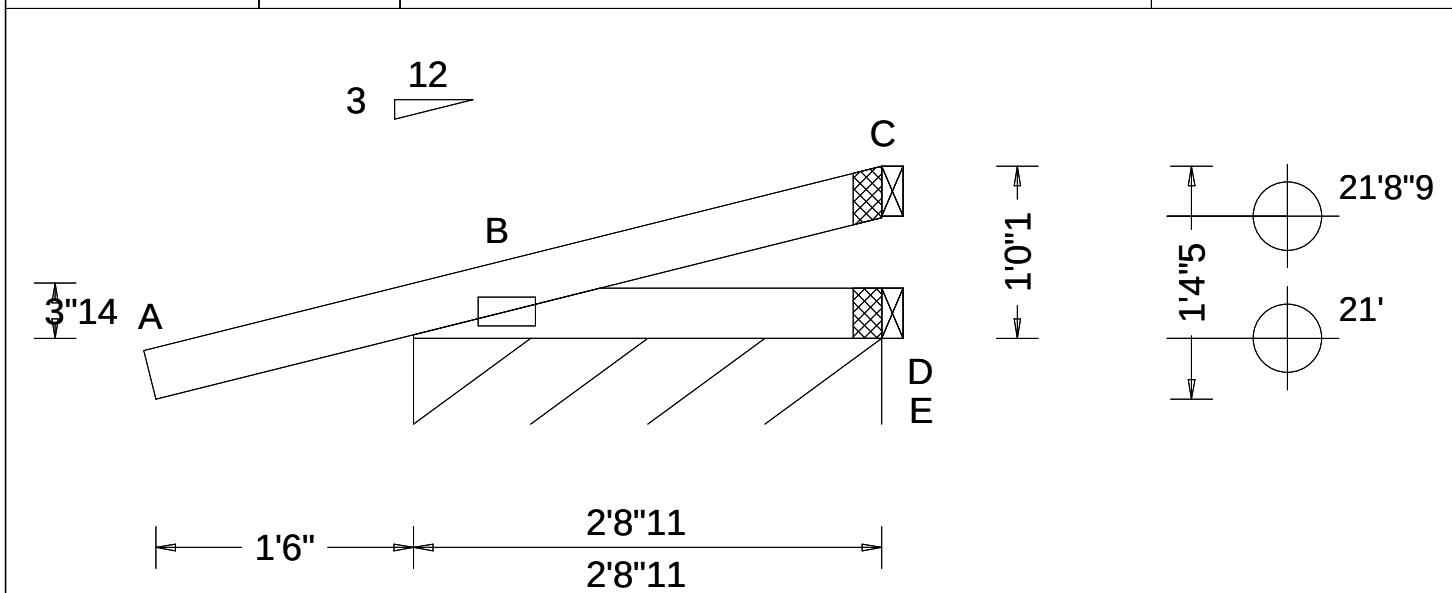
COA #0278

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

SEQN: 00000087945 JACK FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: SJ3A	Cust: R 2327 JRef: 1YK523270002 T34 DrwNo: 135.26.0857.08793 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 21.47 ft TCDL: 4.2 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. 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: 0.235 Max BC CSI: 0.031 Max Web CSI: 0.000 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 84 /- /- /20 /68 /20 E 40 /- /- /26 /20 /- C 44 /- /- /17 /31 /- Wind reactions based on MWFRS E Brg Wid = 32.7 Min Req = - E 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 #1;
Bot chord: 2x4 SP #1;

Plating Notes

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

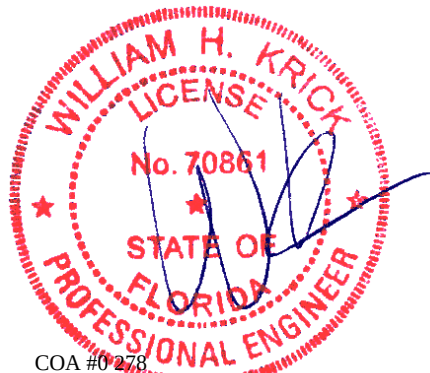
Wind

Member design based on both MWFRS and C&C.

Wind loading based on both gable and hip roof types.

Additional Notes

Provide (2) 16d common(0.162"x3.5") toe-nails at top chord.
Provide (2) 16d common(0.162"x3.5") toe-nails at bottom chord.



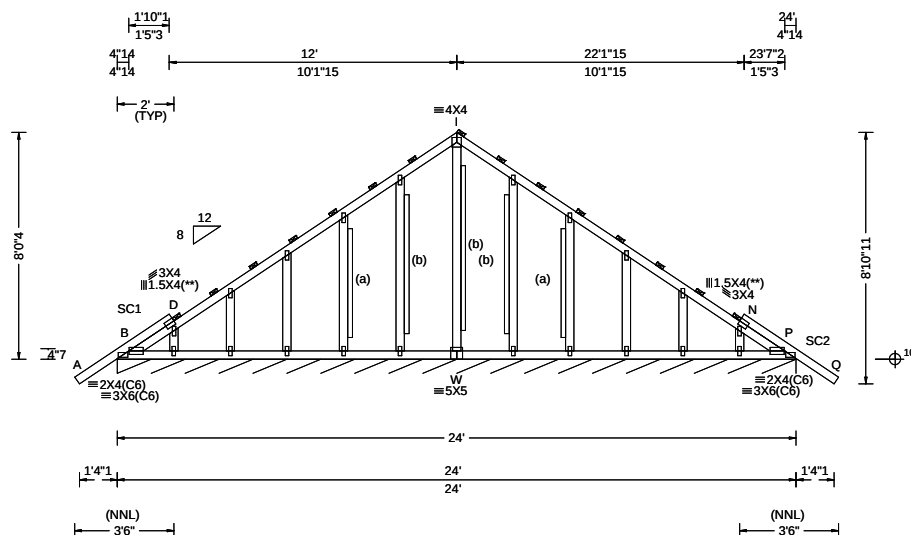
COA #0278

05/18/2026
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087946 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T1	Cust: R 2327 JRef: 1YK523270002 T46 DrwNo: 135.26.0857.11197 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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. 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 J 999 240 VERT(CL): 0.002 I 999 180 HORZ(LL): 0.000 O - - HORZ(TL): 0.004 H - - Creep Factor: 2.0 Max TC CSI: 0.120 Max BC CSI: 0.065 Max Web CSI: 0.629 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B* 84 /- /- /39 /23 /11 Wind reactions based on MWFRS B Brg Wid = 288 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;
Stack Chord: SC2 2x4 SP #1;

Plating Notes

All plates are 1.5X4 except as noted.

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

Wind

Member design based on both MWFRS and C&C.

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/453.

Gable Reinforcement

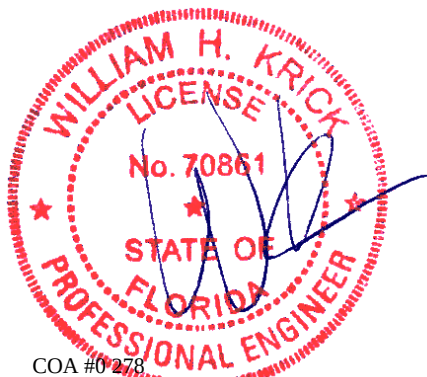
(a) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3", min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(b) 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.

Additional Notes

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

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



COA #0278

05/18/2026
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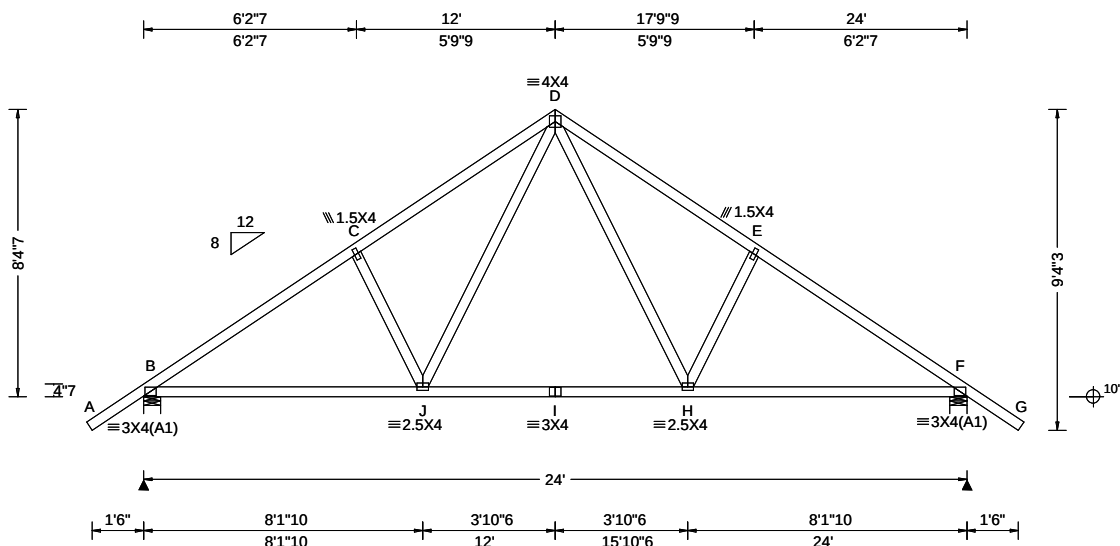
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SEQN: 00000087947 COMN FROM:	Ply: 1 Qty: 9	Job Number: Z0540 DILLON RES Truss Label: T2	Cust: R 2327 JRef: 1YK523270002 T44 DrwNo: 135.26.0857.59277 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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. 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): 0.045 H 999 240 VERT(CL): 0.080 H 999 180 HORZ(LL): 0.019 F - - HORZ(TL): 0.033 F - - Creep Factor: 2.0 Max TC CSI: 0.273 Max BC CSI: 0.460 Max Web CSI: 0.370 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 1097 /- /- /511 /289 /260 F 1097 /- /- /511 /289 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) F Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 541 -1440 D - E 618 -1294 C - D 618 -1294 E - F 541 -1440

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
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

Member design based on both MWFRS and C&C.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	1122 -265	I - H	760 -25
J - I	760 -25	H - F	1122 -273

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
J - D	555 -241	D - H	555 -241



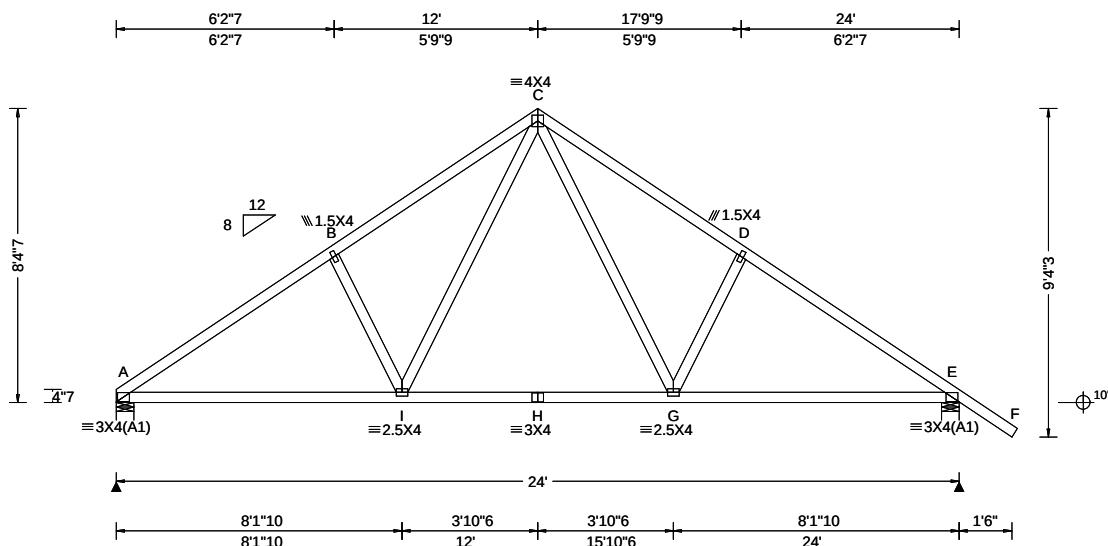
COA #0278

05/18/2026
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 000000087948 COMN FROM:	Ply: 1 Qty: 5	Job Number: Z0540 DILLON RES Truss Label: T3	Cust: R 2327 JRef: 1YK523270002 T20 DrwNo: 135.26.0858.41297 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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. 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): 0.044 G 999 240 VERT(CL): 0.079 G 999 180 HORZ(LL): 0.019 E - - HORZ(TL): 0.033 E - - Creep Factor: 2.0 Max TC CSI: 0.292 Max BC CSI: 0.463 Max Web CSI: 0.401 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 996 /- /- /517 /247 /282 E 1101 /- /- /510 /291 /- Wind reactions based on MWFRS A Brg Wid = 6.0 Min Req = 1.5 (Truss) E Brg Wid = 6.0 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 562 -1457 C - D 628 -1301 B - C 641 -1313 D - E 551 -1446

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
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

Member design based on both MWFRS and C&C.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - I	1141 -296	H - G	765 -34
I - H	765 -34	G - E	1127 -282

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
I - C	574 -261	C - G	553 -238



COA #0 278

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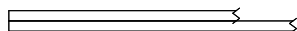
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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. TPI Std: 2014 Rep Fac: Yes FT/RT:(0)/(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.001 H 999 240 VERT(CL): 0.002 G 999 180 HORZ(LL): 0.001 M - - HORZ(TL): 0.005 H - - Creep Factor: 2.0 Max TC CSI: 0.152 Max BC CSI: 0.076 Max Web CSI: 0.878 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL N* 81 /- /- /38 /21 /11 Wind reactions based on MWFRS N Brg Wid = 288 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#
Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "				

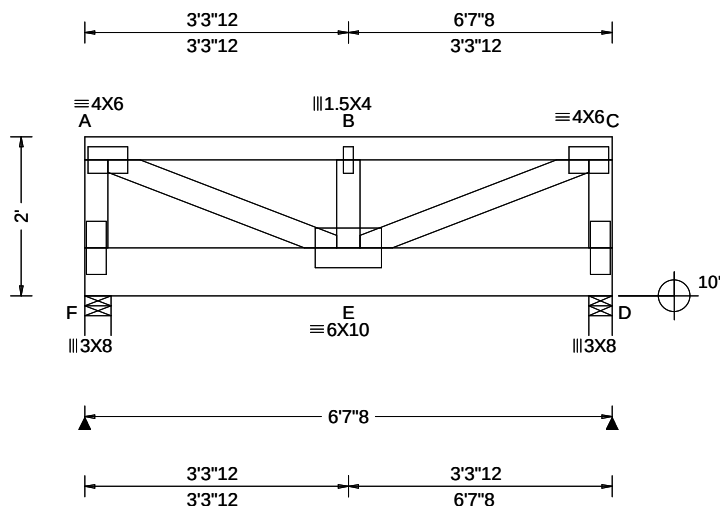
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SEQN: 00000087950 FLAT FROM:	Ply: 2 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T5	Cust: R 2327 JRef: 1YK523270002 T93 DrwNo: 135.26.0859.39877 JB / WHK 05/15/2026
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: NA Loc. from endwall: not in 21.00 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.027 B 999 240 VERT(CL): 0.050 B 999 180 HORZ(LL): 0.005 A - - HORZ(TL): 0.008 A - - Creep Factor: 2.0 Max TC CSI: 0.139 Max BC CSI: 0.238 Max Web CSI: 0.735 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 2457 /- /- /- /430 /- D 2588 /- /- /- /440 /- Wind reactions based on MWFRS F Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings F & D 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 307 -1759 B - C 307 -1759

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3;

Nailnote

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.50" 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 54 plf at 0.00 to 54 plf at 6.62
BC: From 10 plf at 0.00 to 10 plf at 4.40
BC: From 20 plf at 4.40 to 20 plf at 6.62
BC: 1533 lb Conc. Load at 1.90, 3.90, 4.40

Purlins

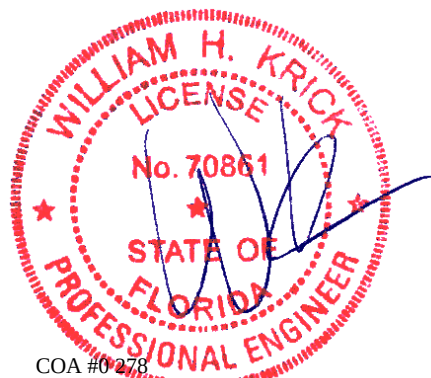
The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind

Wind loads and reactions based on MWFRS.
End verticals exposed to wind pressure. Deflection meets L/180.

Additional Notes

Truss must be installed as shown with top chord up.



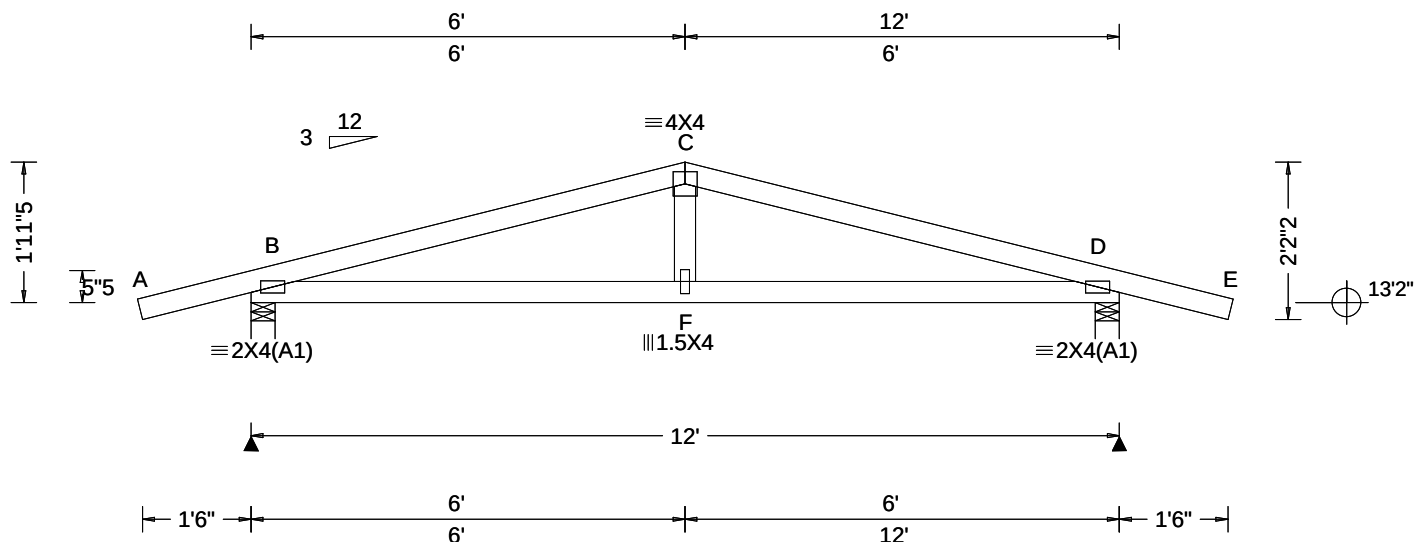
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Glenview, IL 60025

SEQN: 00000087951 COMN FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: T6	Cust: R 2327 JRef: 1YK523270002 T45 DrwNo: 135.26.0859.53940 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 4.2 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 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. 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): 0.027 F 999 240 VERT(CL): 0.047 F 999 180 HORZ(LL): 0.007 D - - HORZ(TL): 0.012 D - - Creep Factor: 2.0 Max TC CSI: 0.252 Max BC CSI: 0.237 Max Web CSI: 0.089 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 536 /- /- /225 /165 /28 D 536 /- /- /225 /165 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings B & D 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 602 -874 C - D 601 -874

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - F	813 -487	F - D	813 -487



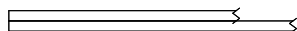
COA #0278

05/18/2026
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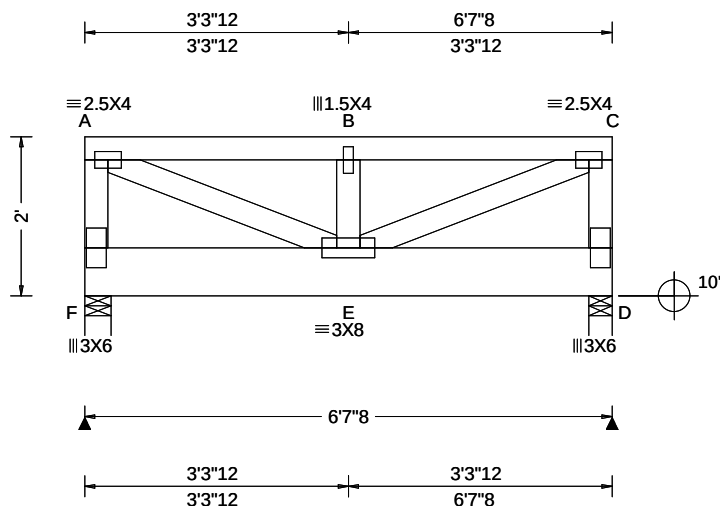
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Glenview, IL 60025

SEQN: 00000087952 FLAT FROM:	Ply: 2 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T7	Cust: R 2327 JRef: 1YK523270002 T50 DrwNo: 135.26.0859.56880 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: NA Loc. from endwall: not in 21.00 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.011 B 999 240 VERT(CL): 0.021 B 999 180 HORZ(LL): 0.002 A - - HORZ(TL): 0.004 A - - Creep Factor: 2.0 Max TC CSI: 0.050 Max BC CSI: 0.086 Max Web CSI: 0.311 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 1635 /- /- /- /416 /- D 1076 /- /- /- /277 /- Wind reactions based on MWFRS F Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings F & D 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 202 -744 B - C 202 -744

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3;

Nailnote

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 4.00" 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 27 plf at 0.00 to 27 plf at 6.62
BC: From 10 plf at 0.00 to 10 plf at 6.62
BC: 822 lb Conc. Load at 0.56, 2.56, 4.56

Purlins

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

Wind

Wind loads and reactions based on MWFRS.
End verticals exposed to wind pressure. Deflection
meets L/180.

Additional Notes

Truss must be installed as shown with top chord up.



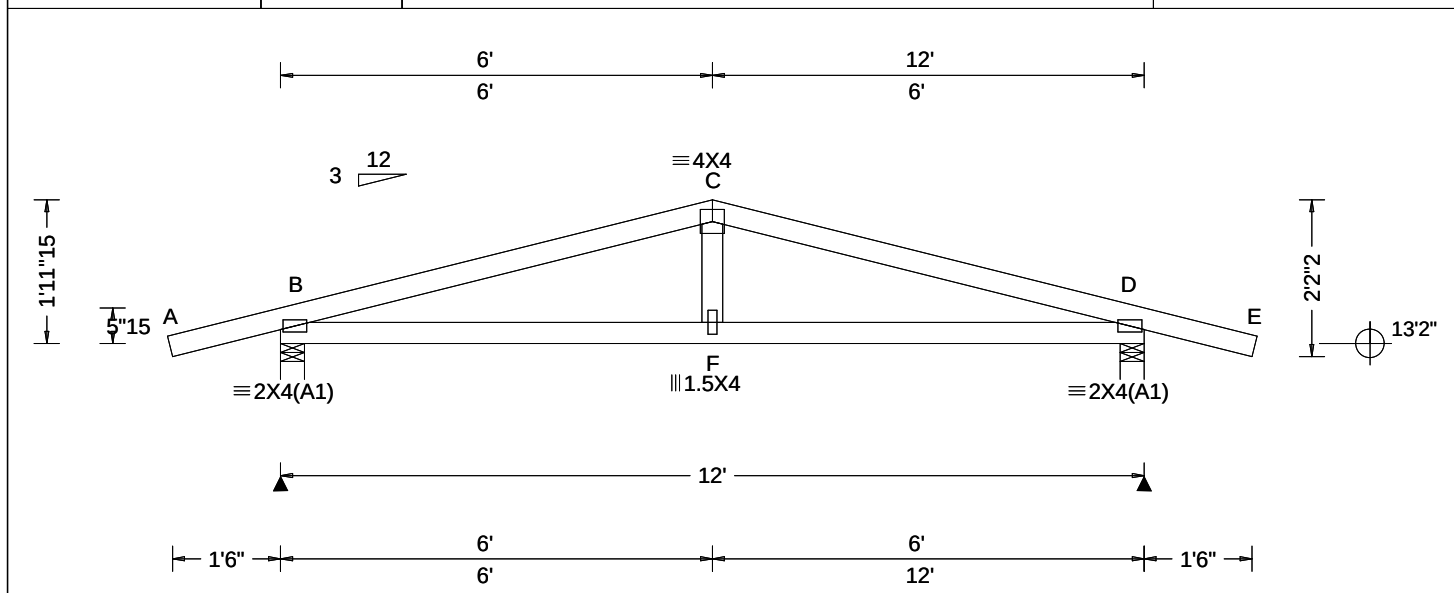
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SEQN: 00000087953 COMN FROM:	Ply: 1 Qty: 10	Job Number: Z0540 DILLON RES Truss Label: T8	Cust: R 2327 JRef: 1YK523270002 T47 DrwNo: 135.26.0859.59327 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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 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. 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): 0.029 F 999 240 VERT(CL): 0.051 F 999 180 HORZ(LL): 0.007 D - - HORZ(TL): 0.012 D - - Creep Factor: 2.0 Max TC CSI: 0.281 Max BC CSI: 0.228 Max Web CSI: 0.088 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 536 /- /- /225 /165 /28 D 536 /- /- /225 /165 /- Wind reactions based on MWFRS B Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings B & D 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 579 -841 C - D 579 -841

Lumber

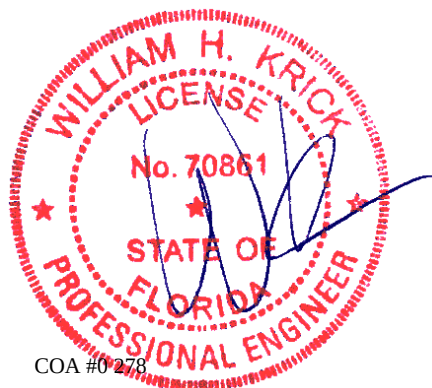
Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - F	777 -465	F - D	777 -465

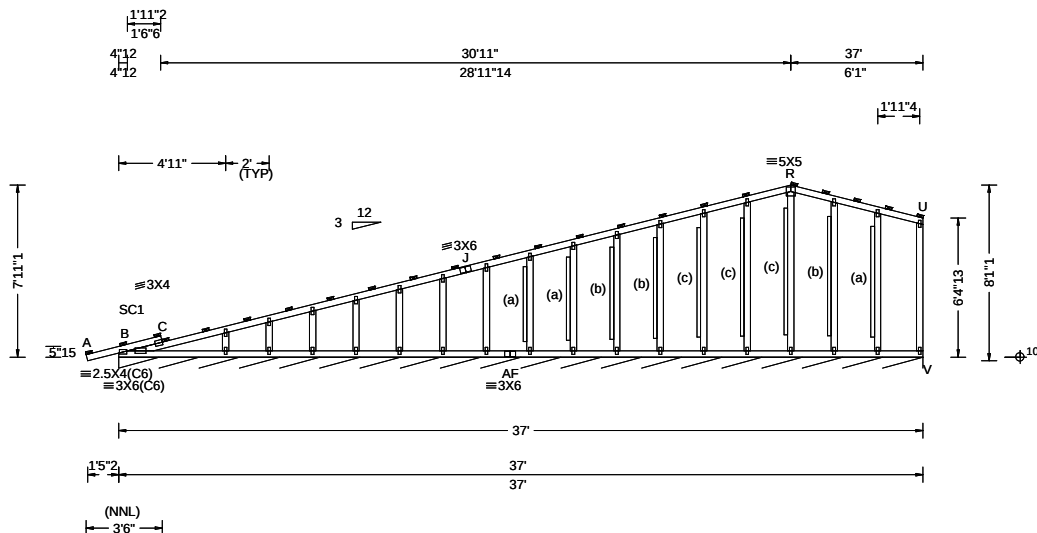


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Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.70 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. 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): 0.016 C 999 240 VERT(CL): 0.029 C 999 180 HORZ(LL): 0.002 C - - HORZ(TL): 0.017 U - - Creep Factor: 2.0 Max TC CSI: 0.152 Max BC CSI: 0.106 Max Web CSI: 0.996 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B* 77 /- /- /36 /23 /9 Wind reactions based on MWFRS B Brg Wid = 444 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 146 -496 C - J 137 -485 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. B -AF 563 -65

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;

Plating Notes

All plates are 1.5X4 except as noted.

Purlins

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

Wind

Member design based on both MWFRS and C&C.

Right end vertical exposed to wind pressure.

Deflection meets L/180.

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/296.

Gable Reinforcement

(a) 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.
(b) 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.
(c) 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: 00000087954 GABL	Ply: 1	Job Number: Z0540	Cust: R 2327 JRef: 1YK523270002 T98
FROM:	Qty: 1	DILLON RES	DrwNo: 135.26.0900.03780
Page 2 of 2		Truss Label: T9	JB / WHK 05/15/2026

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.



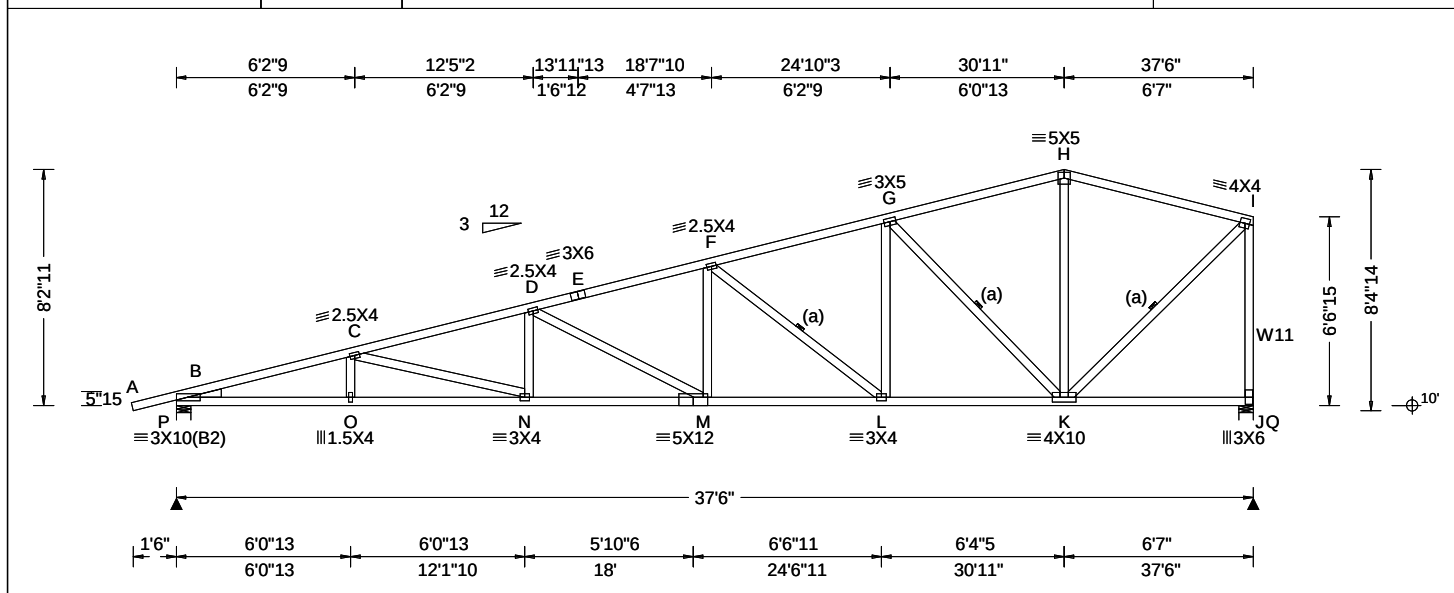
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SEQN: 00000087955 COMN FROM:	Ply: 1 Qty: 12	Job Number: Z0540 DILLON RES Truss Label: T10	Cust: R 2327 JRef: 1YK523270002 T49 DrwNo: 135.26.0857.13697 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.75 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. 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): 0.349 N 999 240 VERT(CL): 0.612 N 732 180 HORZ(LL): 0.081 K - - HORZ(TL): 0.142 K - - Creep Factor: 2.0 Max TC CSI: 0.633 Max BC CSI: 0.941 Max Web CSI: 0.886 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL P 1526 - / - / - / 672 / 459 / 339 Q 1544 - / - / - / 675 / 421 - / - Wind reactions based on MWFRS P Brg Wid = 6.0 Min Req = 1.8 (Truss) Q Brg Wid = 6.0 Min Req = 1.8 (Truss) Bearings P & Q 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 2727 - 4196 F - G 1482 - 2111 C - D 2522 - 3824 G - H 916 - 1132 D - E 2012 - 2990 H - I 905 - 1130 E - F 2022 - 2968

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3; W11 2x4 SP #1;
Lt Wedge: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

Member design based on both MWFRS and C&C.

Right end vertical exposed to wind pressure.
Deflection meets L/180.

Wind loading based on both gable and hip roof types.



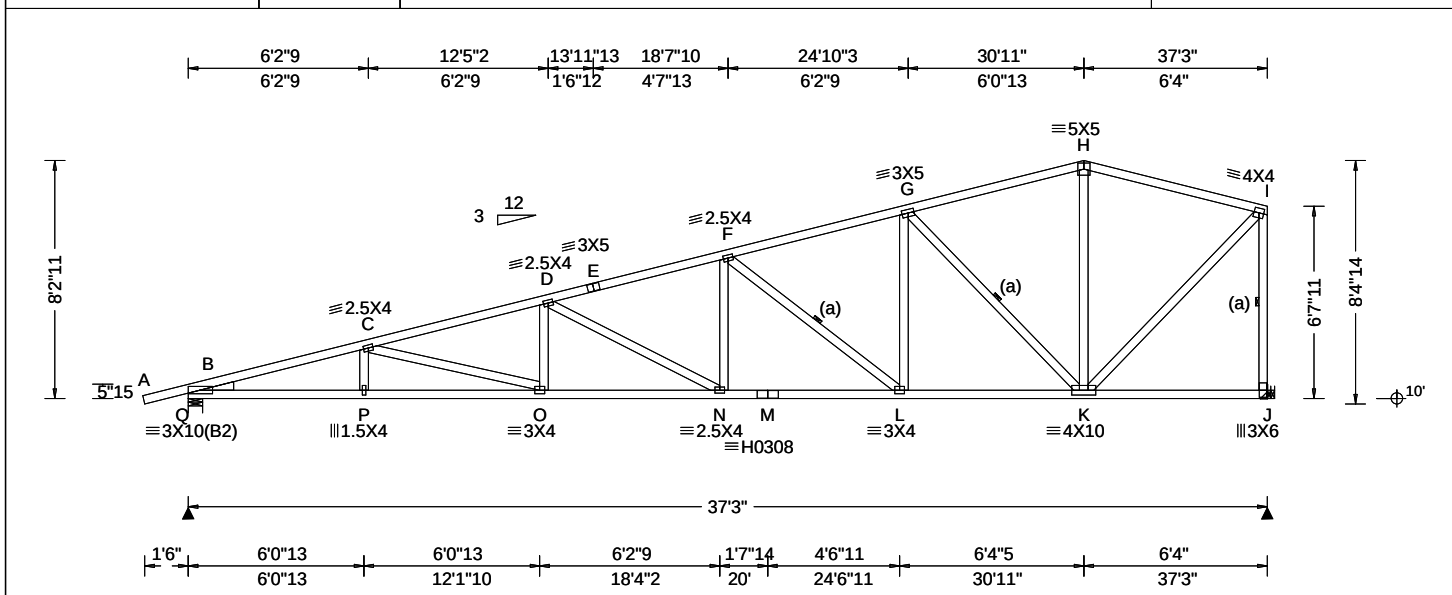
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 000000087956 COMN FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: T11	Cust: R 2327 JRef: 1YK523270002 T81 DrwNo: 135.26.0857.25597 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.72 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. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.344 O 999 240 VERT(CL): 0.604 O 736 180 HORZ(LL): 0.080 K - - HORZ(TL): 0.140 K - - Creep Factor: 2.0 Max TC CSI: 0.626 Max BC CSI: 0.933 Max Web CSI: 0.852 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Q 1516 - / - / - / 677 / 305 / 230 J 1533 - / - / - / 661 / 232 - / - Wind reactions based on MWFRS Q Brg Wid = 6.0 Min Req = 1.8 (Truss) J Brg Wid = - Min Req = - Bearing Q 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 1288 - 4162 F - G 726 - 2072 C - D 1204 - 3787 G - H 452 - 1091 D - E 963 - 2951 H - I 453 - 1086 E - F 973 - 2930

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Lt Wedge: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

Hanger Support Required, by others

Loading

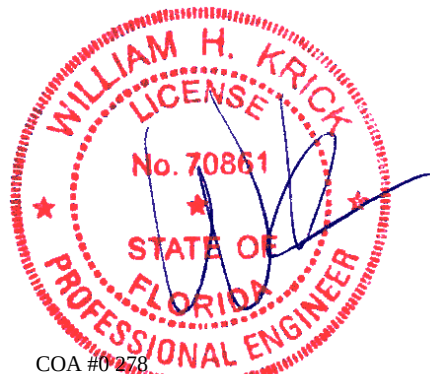
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Member design based on both MWFRS and C&C.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



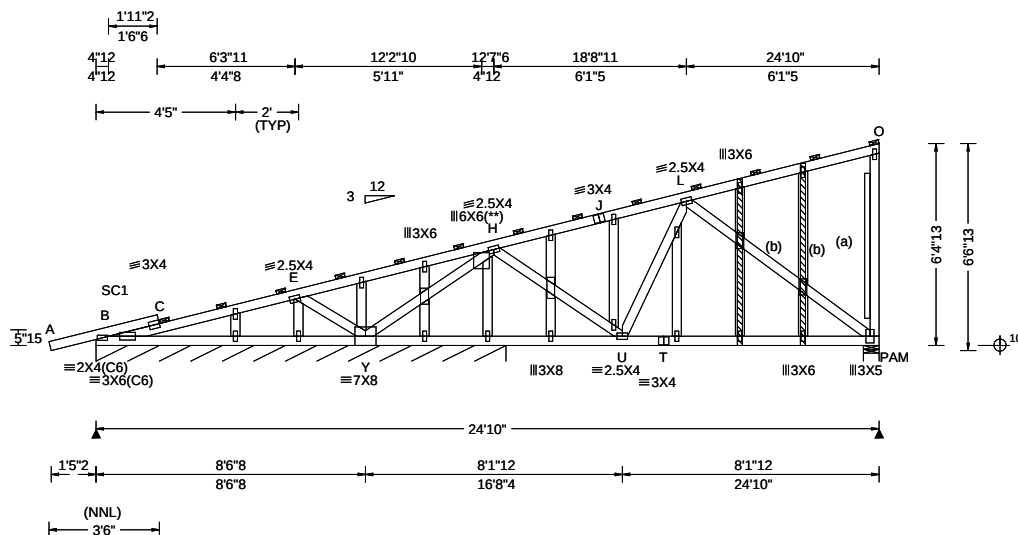
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Glenview, IL 60025

SEQN: 00000087957 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T12	Cust: R 2327 JRef: 1YK523270002 T56 DrwNo: 135.26.0857.30730 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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. 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): 0.044 N 999 240 VERT(CL): 0.082 N 999 180 HORZ(LL): 0.009 N - - HORZ(TL): 0.017 N - - Creep Factor: 2.0 Max TC CSI: 0.225 Max BC CSI: 0.220 Max Web CSI: 0.997 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B* 112 /- /- /50 /28 /24 AM 482 /- /- /243 /115 /- Wind reactions based on MWFRS B Brg Wid = 156 Min Req = - AM Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings B & AM 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. H - J 235 -398 J - L 257 -381

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;

Plating Notes

All plates are 1.5X4 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.

Wind

Member design based on both MWFRS and C&C.

Right end vertical exposed to wind pressure.
Deflection meets L/180.

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/393.

Gable Reinforcement

- (a) 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.
(b) 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.

Additional Notes

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

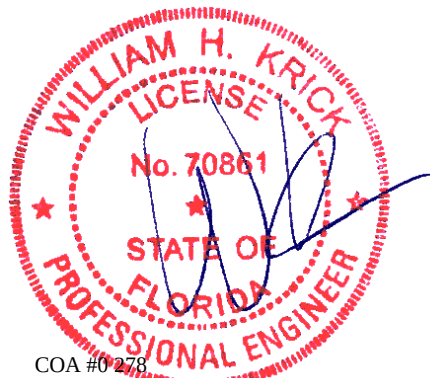
Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
U - T	377 -278	T - P	383 -280

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
Y - H	190 -471	L - P	227 -496



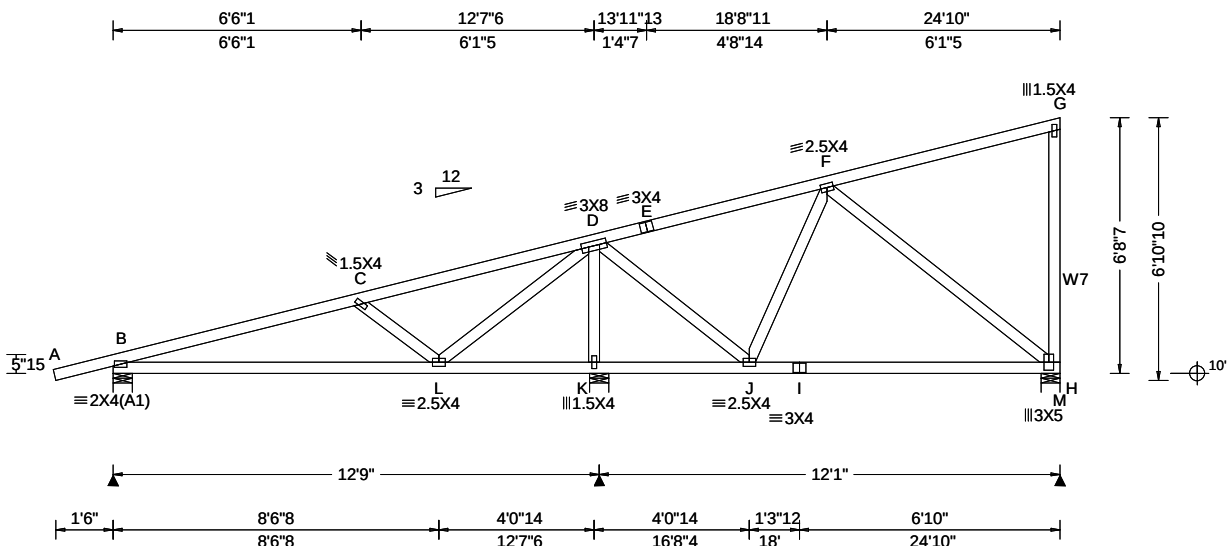
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Glenview, IL 60025

SEQN: 00000087958 MONO FROM:	Ply: 1 Qty: 12	Job Number: Z0540 DILLON RES Truss Label: T13	Cust: R 2327 JRef: 1YK523270002 T101 DrwNo: 135.26.0857.34747 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h 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. 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): 0.014 C 999 240 VERT(CL): 0.026 C 999 180 HORZ(LL): 0.003 B - - HORZ(TL): 0.007 B - - Creep Factor: 2.0 Max TC CSI: 0.411 Max BC CSI: 0.465 Max Web CSI: 0.458 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 484 /- /- /194 /142 /321 K 1092 /- /- /499 /274 /- M 423 /- /- /202 /70 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) K Brg Wid = 6.0 Min Req = 1.5 (Truss) M Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings B, K, & M are 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3; W7 2x4 SP #1;

Wind

Member design based on both MWFRS and C&C.

Right end vertical exposed to wind pressure.
Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

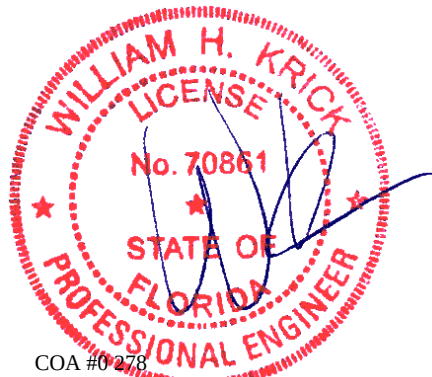
Chords Tens.Comp.

B - L 554 -373

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. Webs Tens. Comp.

C - L 272 -429 D - K 399 -1059
L - D 675 -159 D - J 543 -143

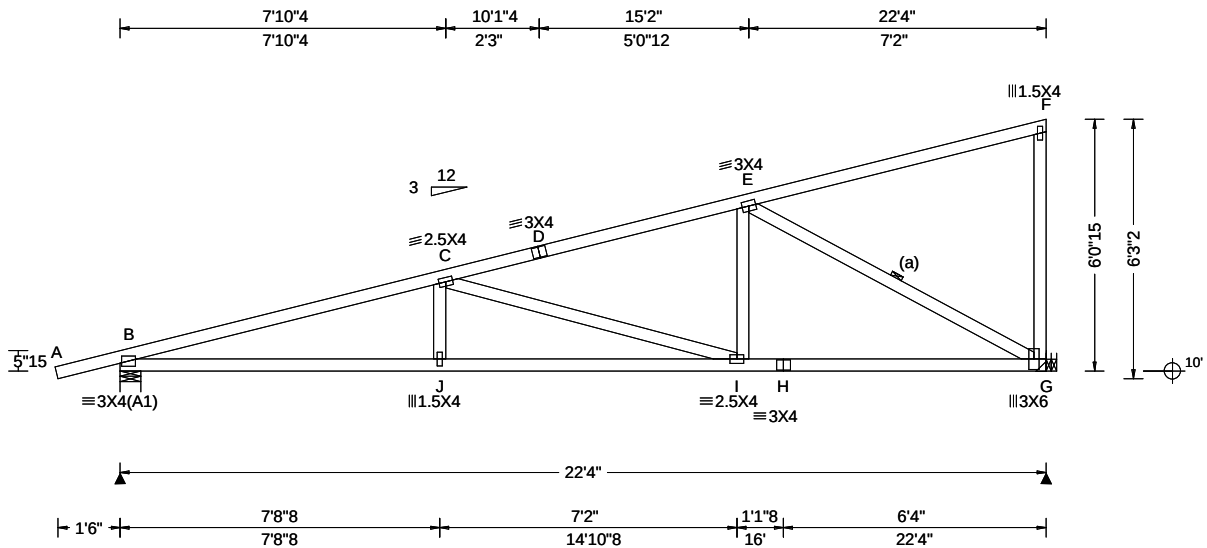


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Glenview, IL 60025



Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)			Defl/CSI Criteria			▲ Maximum Reactions (lbs)							
TCLL: 20.00		Wind Std: ASCE 7-22		Pg: NA Ct: NA CAT: NA			PP Deflection in loc L/defl L/#			Gravity			Non-Gravity				
TCDL: 7.00		Speed: 140 mph		Pf: NA Ce: NA			VERT(LL): 0.122 C 999 240			Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
BCLL: 0.00		Enclosure: Enclosed		Lu: NA Cs: NA			VERT(CL): 0.224 C 999 180			B	930	/-	/-	/11	/238	/219	
BCDL: 10.00		Risk Category: II		Snow Duration: NA			HORZ(LL): 0.030 G - -			G	822	/-	/-	/397	/206	/-	
Des Ld: 37.00		EXP: C Kzt: NA		Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE			HORZ(TL): 0.054 G - -			Wind reactions based on MWFRS							
NCBCLL: 10.00		Mean Height: 15.00 ft					Creep Factor: 2.0			B Brg Wid = 6.0 Min Req = 1.5 (Truss)							
Soffit: 2.00		TCDL: 4.2 psf					Max TC CSI: 0.569			G Brg Wid = - Min Req = -							
Load Duration: 1.25		BCDL: 5.0 psf					Max BC CSI: 0.536			Bearing B is a rigid surface.							
Spacing: 24.0 "		MWFRS Parallel Dist: > 2h					Max Web CSI: 0.993			Members not listed have forces less than 375#							
		C&C Dist a: 3.00 ft								Maximum Top Chord Forces Per Ply (lbs)							
		Loc. from endwall: not in 9.00 ft								Chords		Tens.Comp.		Chords		Tens. Comp.	
		GCpi: 0.18								B - C		617 - 2110		D - E		344 - 1180	
		Wind Duration: 1.60															

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Hangars / Ties

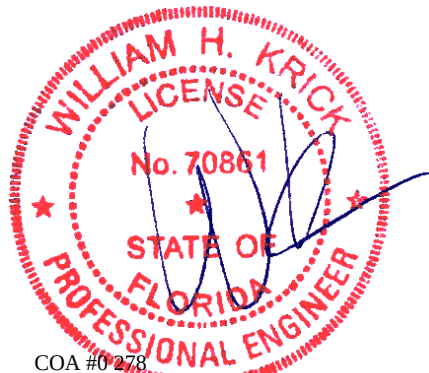
Hanger Support Required, by others

Wind

Member design based on both MWFRS and C&C.
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 - J	1996	- 813	I - H	1103	- 467
J - I	1990	- 817	H - G	1103	- 467

Maximum Web Forces Per Ply (lbs)							
Webs		Tens.Comp.		Webs		Tens. Comp.	
C - I	364	- 897	E - G	534	- 1260		
I - E	529	- 28					



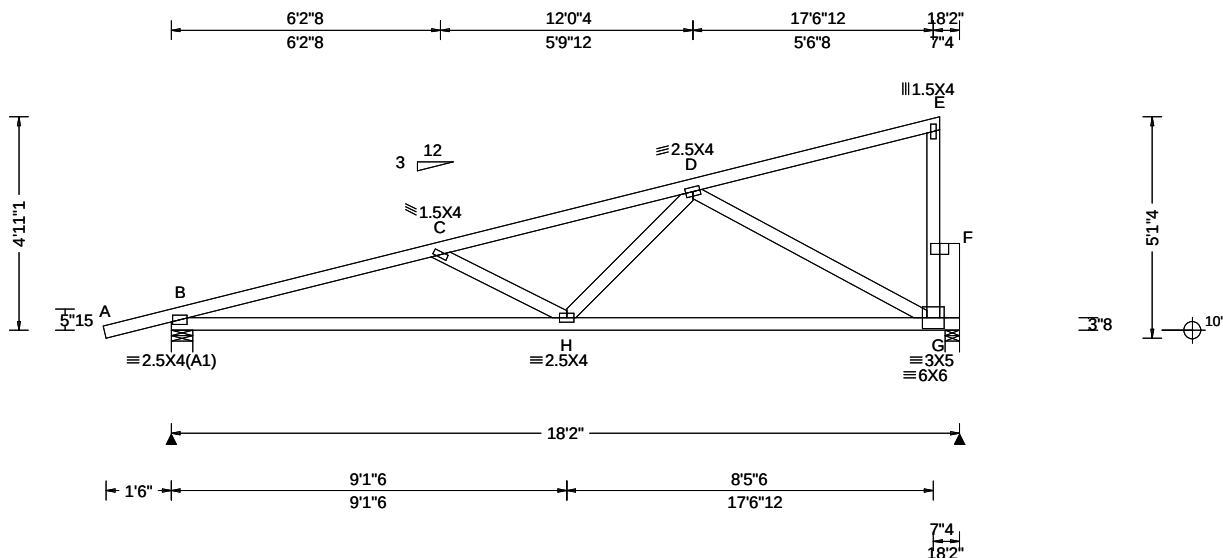
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SEQN: 00000087960 MONO FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: T15	Cust: R 2327 JRef: 1YK523270002 T48 DrwNo: 135.26.0857.41160 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h 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. 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): 0.076 C 999 240 VERT(CL): 0.139 C 999 180 HORZ(LL): 0.017 G - - HORZ(TL): 0.032 G - - Creep Factor: 2.0 Max TC CSI: 0.342 Max BC CSI: 0.661 Max Web CSI: 0.925 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 776 /- /- /327 /225 /233 G 641 /- /- /324 /138 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) G Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings B & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 743 - 1636 C - D 529 - 1288

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Rt Bearing Leg: 2x6 SP #1;

Wind

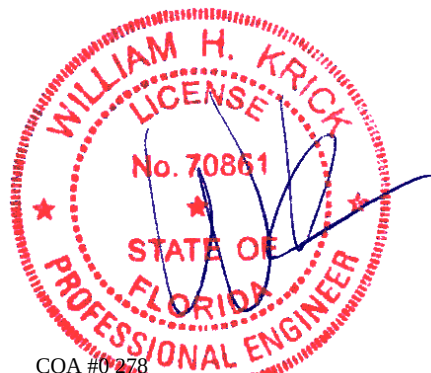
Member design based on both MWFRS and C&C.
Right end vertical exposed to wind pressure.
Deflection meets L/180.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - H	1544 - 904	H - G	875 - 581

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - H	321 - 381	D - G	522 - 921
H - D	605 - 69	F - G	924 - 877



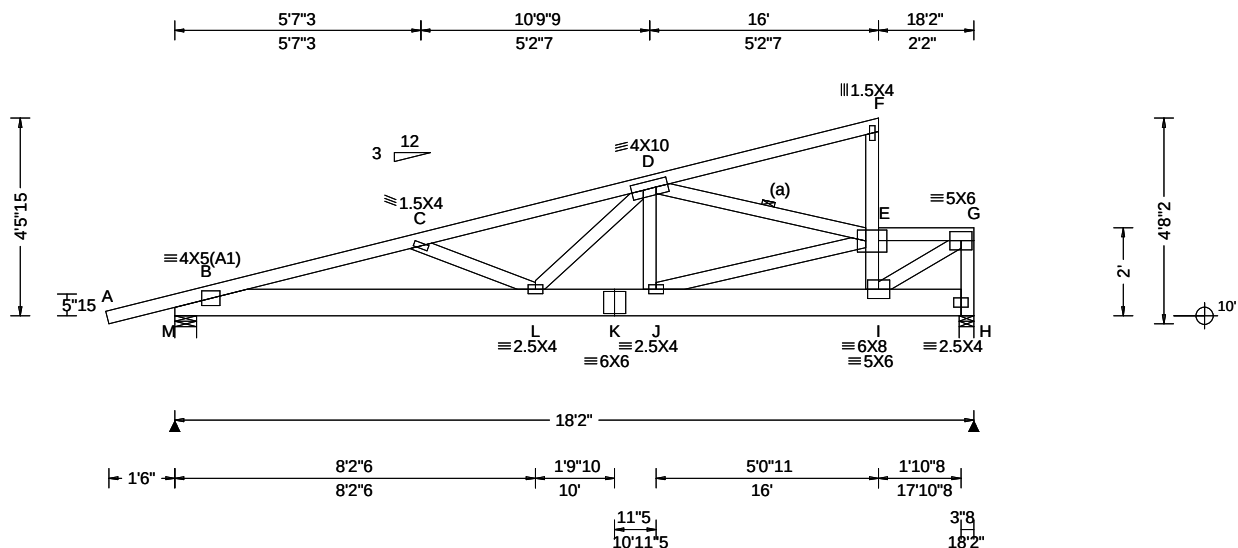
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SEQN: 00000087961 MONO FROM:	Ply: 1 Qty: 5	Job Number: Z0540 DILLON RES Truss Label: T16	Cust: R 2327 JRef: 1YK523270002 T53 DrwNo: 135.26.0857.44177 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 60.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.098 L 999 240 VERT(CL): 0.162 L 999 180 HORZ(LL): -0.014 F - - HORZ(TL): 0.024 F - - Creep Factor: 2.0 Max TC CSI: 0.628 Max BC CSI: 0.295 Max Web CSI: 0.878 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL M 1290 - / - / 396 / 246 / 213 H 1330 - / - / 377 / 134 - Wind reactions based on MWFRS M Brg Wid = 6.0 Min Req = 1.5 (Truss) H Brg Wid = 4.0 Min Req = 1.5 (Support) Bearings M & 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 813 - 2872 E - G 526 - 1545 C - D 607 - 2293

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Special Loads

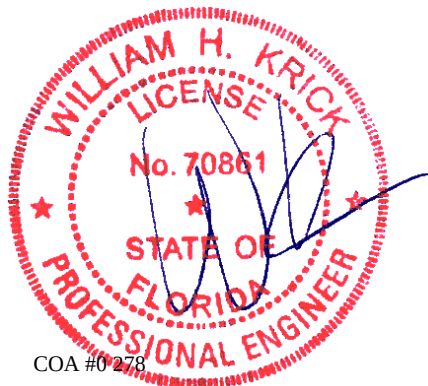
----- (Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
TC: From 101 plf at -1.57 to 101 plf at 16.00
TC: From 223 plf at 16.00 to 223 plf at 18.16
BC: From 4 plf at -1.57 to 4 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 17.87
TC: 10 lb Conc. Load at 16.33

Wind

Member design based on both MWFRS and C&C.
Right end vertical exposed to wind pressure.
Deflection meets L/180.
Wind loading based on both gable and hip roof types.

Additional Notes

WIND LOAD CASE MODIFIED!



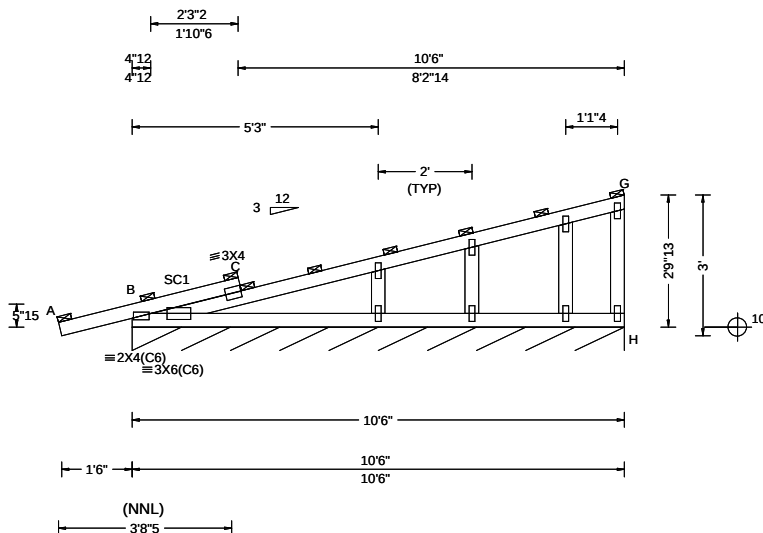
COA #0278

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SEQN: 00000087962 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T17	Cust: R 2327 JRef: 1YK523270002 T51 DrwNo: 135.26.0857.48660 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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 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. 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): 0.021 C 999 240 VERT(CL): 0.038 C 999 180 HORZ(LL): 0.003 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.223 Max BC CSI: 0.119 Max Web CSI: 0.148 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H* 83 /- /- /37 /23 /13 Wind reactions based on MWFRS H Brg Wid = 126 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 160 -482 B - C 391 -176

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;

Plating Notes

All plates are 1.5X4 except as noted.

Purlins

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

Wind

Member design based on both MWFRS and C&C.

Right end vertical exposed to wind pressure.
Deflection meets L/180.

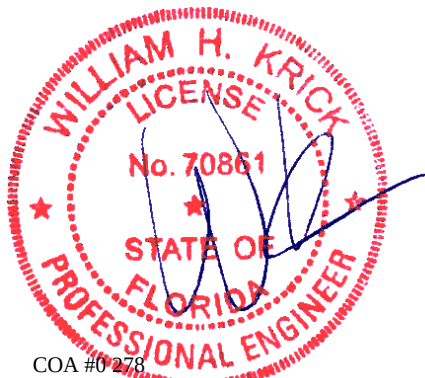
Wind loading based on both gable and hip roof types.

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.

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

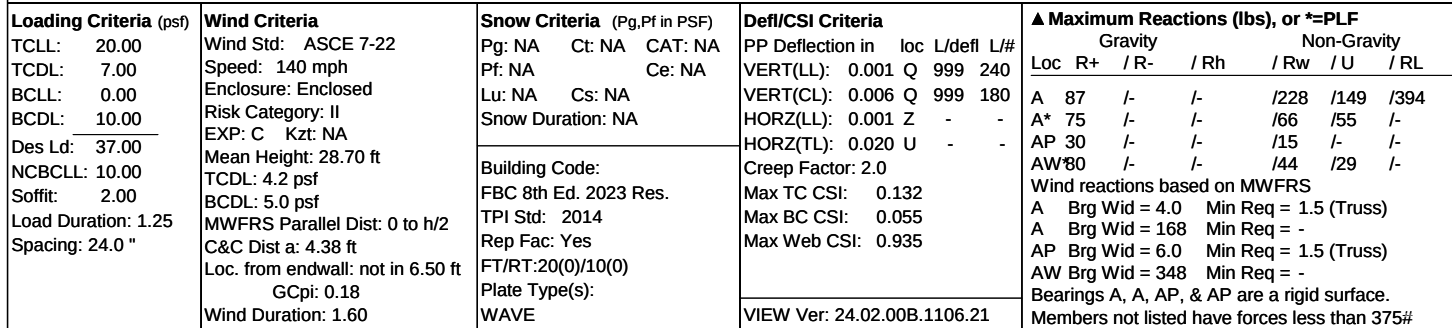


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SEQN: 00000087963 GABL	Ply: 1	Job Number: Z0540	Cust: R 2327 JRef: 1YK523270002 T82
FROM:	Qty: 1	DILLON RES	DrwNo: 135.26.0857.52313
Page 2 of 2		Truss Label: T18	JB / WHK 05/15/2026

Gable Reinforcement

- (a) 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.
- (b) 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.
- (c) 2x6 "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.
- (d) Two 2x6 "L" reinforcements. Any species and grade. 80% length of web member. Attach one to each narrow face of web with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 6" oc for the remainder.



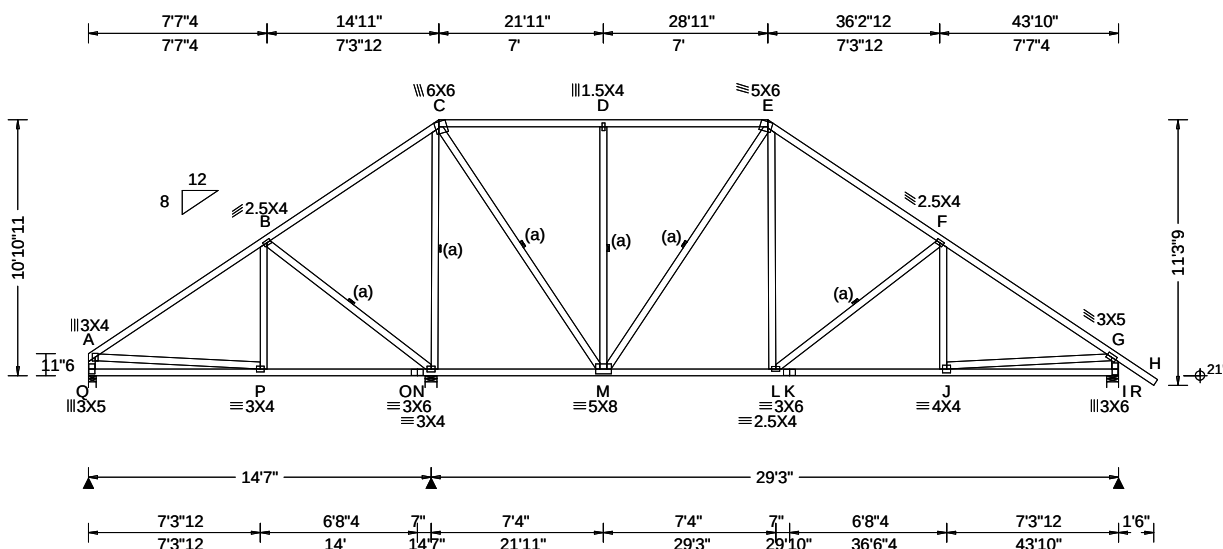
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SEQN: 00000087964 COMN FROM:	Ply: 1 Qty: 5	Job Number: Z0540 DILLON RES Truss Label: T19	Cust: R 2327 JRef: 1YK523270002 T40 DrwNo: 135.26.0857.54973 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 28.70 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.38 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. 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): 0.083 L 999 240 VERT(CL): 0.106 L 999 180 HORZ(LL): 0.024 G - - HORZ(TL): 0.031 G - - Creep Factor: 2.0 Max TC CSI: 0.571 Max BC CSI: 0.440 Max Web CSI: 0.926 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Q 453 - / - / 198 / 166 / 575 N 2279 - / - / 1133 / 703 - R 1306 - / - / 675 / 458 - Wind reactions based on MWFRS Q Brg Wid = 4.0 Min Req = 1.5 (Truss) N Brg Wid = 6.0 Min Req = 2.7 (Truss) R Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings Q, N, & R 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.



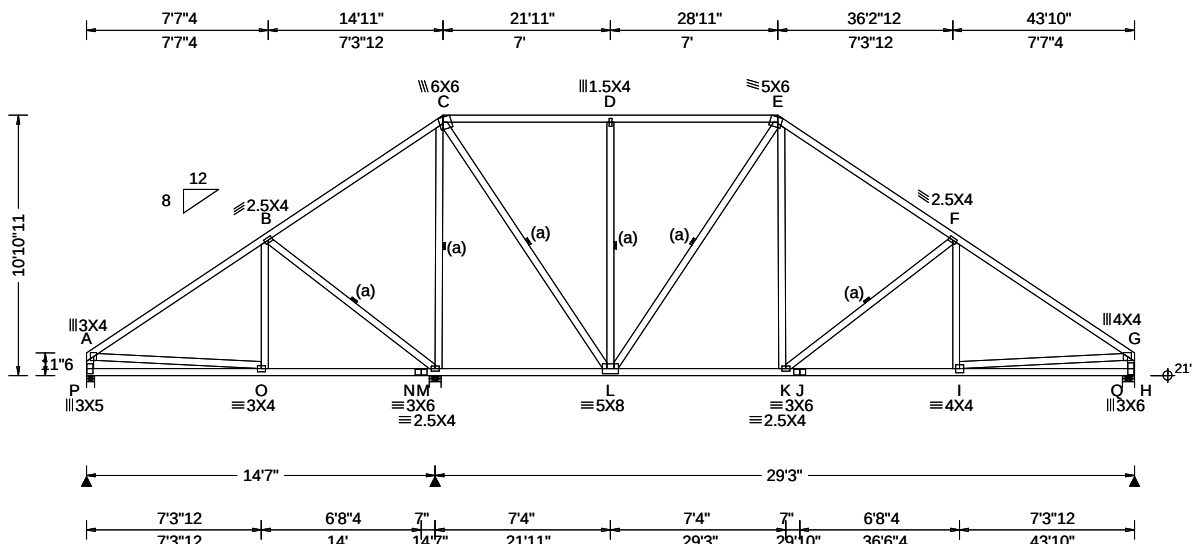
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087965 COMN	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: T20	Cust: R 2327 JRef: 1YK523270002 T75 DrwNo: 135.26.0858.01530 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 29.25 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.38 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. 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): 0.062 K 999 240 VERT(CL): 0.106 K 999 180 HORZ(LL): 0.018 G - - HORZ(TL): 0.031 G - - Creep Factor: 2.0 Max TC CSI: 0.571 Max BC CSI: 0.441 Max Web CSI: 0.948 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL P 453 - / - / - /203 /116 /537 M 2282 - / - / - /1120 /534 - / - Q 1206 - / - / - /689 /295 - / - Wind reactions based on MWFRS P Brg Wid = 4.0 Min Req = 1.5 (Truss) M Brg Wid = 6.0 Min Req = 2.7 (Truss) Q Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings P, M, & Q 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Loading

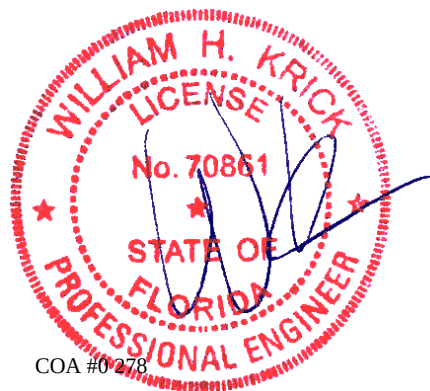
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.



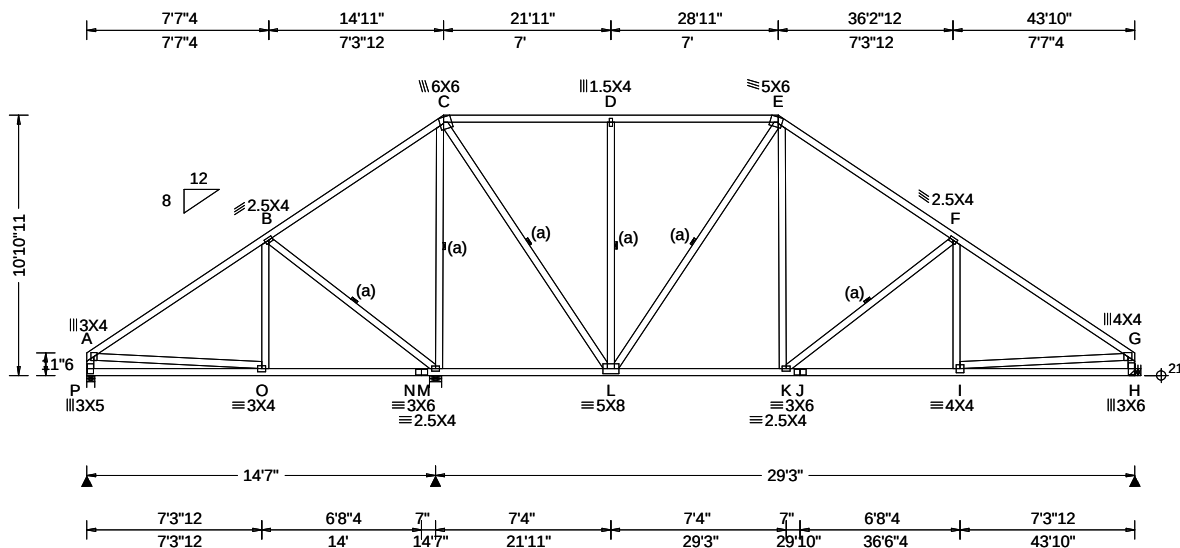
COA #0278

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SEQN: 00000087966 COMN FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: T21	Cust: R 2327 JRef: 1YK523270002 T36 DrwNo: 135.26.0858.05113 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 29.25 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.38 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. 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): 0.062 K 999 240 VERT(CL): 0.106 K 999 180 HORZ(LL): 0.018 G - - HORZ(TL): 0.031 G - - Creep Factor: 2.0 Max TC CSI: 0.571 Max BC CSI: 0.441 Max Web CSI: 0.958 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL P 453 - / - / - /205 /110 /528 M 2282 - / - / - /1118 /543 - H 1206 - / - / - /686 /293 - Wind reactions based on MWFRS P Brg Wid = 4.0 Min Req = 1.5 (Truss) M Brg Wid = 6.0 Min Req = 2.7 (Truss) H Brg Wid = - Min Req = - Bearings P & M 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

Member design based on both MWFRS and C&C.

Left end vertical exposed to wind pressure. Deflection meets L/180.

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.
P - O	584 -535	L - K	870 0
O - N	517 -366	K - J	1296 -278
N - M	517 -366	J - I	1296 -278

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - P	197 -394	L - E	187 -491
B - M	424 -629	E - K	608 -168
M - C	460 -1604	K - F	380 -522
C - L	1359 -376	I - G	1173 -197
D - L	253 -451	G - H	415 -1146



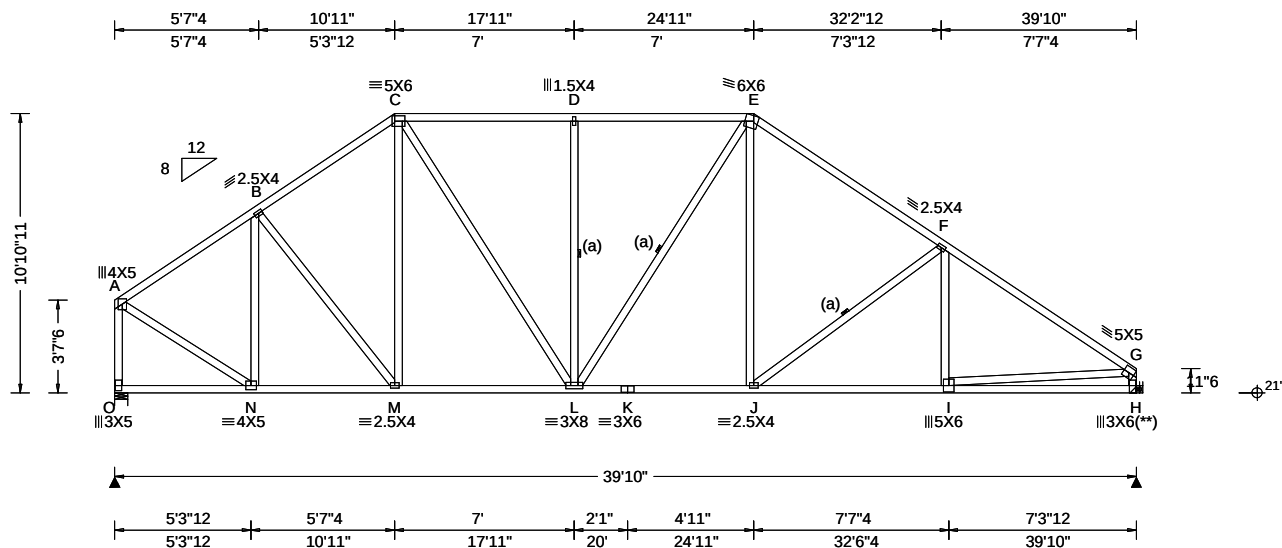
COA #0 278

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155 Harlem Ave
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Glenview, IL 60025

SEQN: 00000087967 SPEC FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: T22	Cust: R 2327 JRef: 1YK523270002 T12 DrwNo: 135.26.0858.09987 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 29.25 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.98 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. 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): 0.108 J 999 240 VERT(CL): 0.182 J 999 180 HORZ(LL): 0.044 G - - HORZ(TL): 0.075 G - - Creep Factor: 2.0 Max TC CSI: 0.832 Max BC CSI: 0.535 Max Web CSI: 0.725 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL O 1812 - / - / - / 941 / 42 / 519 H 1768 - / - / - / 990 / 108 / - Wind reactions based on MWFRS O Brg Wid = 6.0 Min Req = 2.1 (Truss) H Brg Wid = - Min Req = - Bearing O 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 380 -1608 D - E 597 -1769 B - C 468 -1805 E - F 607 -2129 C - D 550 -1769 F - G 593 -2559

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

Loading

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

Wind

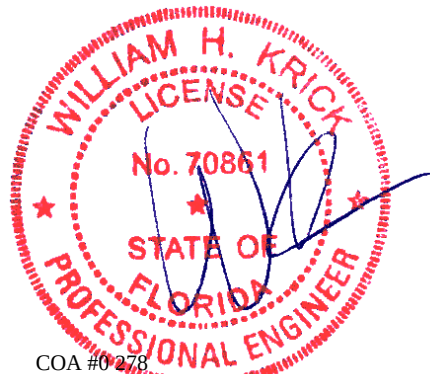
Member design based on both MWFRS and C&C.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	458 -451	L - K	1666 -80
N - M	1296 -292	K - J	1666 -80
M - L	1429 -142	J - I	2043 -360

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - O	348 -1769	E - J	566 -84
A - N	1490 -194	J - F	363 -475
N - B	164 -613	I - G	1904 -271
C - L	616 -34	G - H	482 -1707
D - L	180 -410		



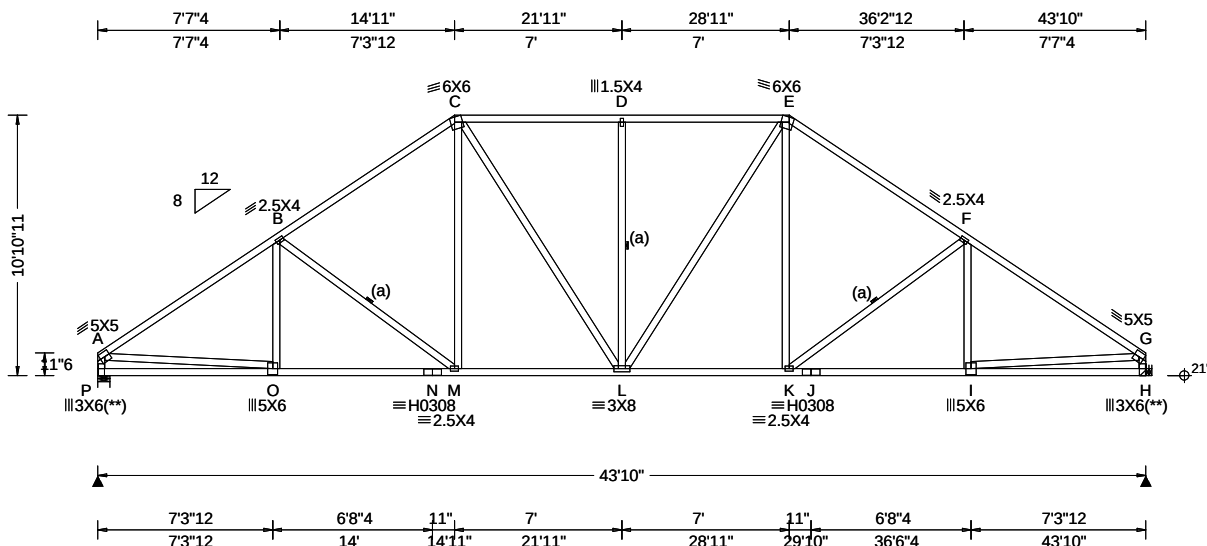
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Glenview, IL 60025

SEQN: 00000087968 COMN FROM:	Ply: 1 Qty: 10	Job Number: Z0540 DILLON RES Truss Label: T23	Cust: R 2327 JRef: 1YK523270002 T74 DrwNo: 135.26.0858.13463 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 29.25 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 4.38 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. TPI Std: 2014 Rep Fac: Yes FT/RT: 20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.155 D 999 240 VERT(CL): 0.266 D 999 180 HORZ(LL): 0.059 G - - HORZ(TL): 0.101 G - - Creep Factor: 2.0 Max TC CSI: 0.946 Max BC CSI: 0.565 Max Web CSI: 0.811 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL P 1942 - / - / - / 951 / 473 / 528 H 1942 - / - / - / 951 / 473 - Wind reactions based on MWFRS P Brg Wid = 6.0 Min Req = 2.3 (Truss) H Brg Wid = - Min Req = - Bearing P 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

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

Loading

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

Wind

Member design based on both MWFRS and C&C.
Left end vertical exposed to wind pressure. Deflection meets L/180.
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.
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P - O	615 -541	L - K	1912 -288
O - N	2275 -568	K - J	2275 -565
N - M	2275 -568	J - I	2275 -565
M - L	1912 -289		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
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A - P	624 -1881	L - E	417 -230
A - O	2130 -493	E - K	555 -147
B - M	357 -457	K - F	358 -457
C - M	555 -146	I - G	2130 -476
C - L	417 -230	G - H	624 -1881
D - L	213 -397		



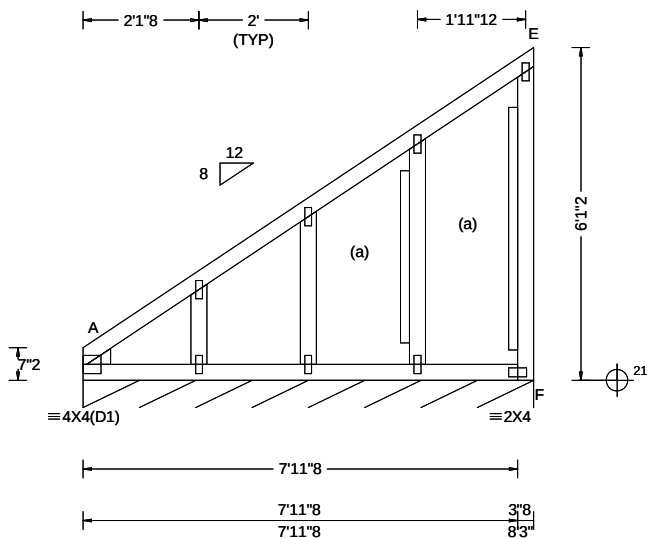
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087969 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T24	Cust: R 2327 JRef: 1YK523270002 T21 DrwNo: 135.26.0858.17250 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.35 ft TCDL: 4.2 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. 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): -0.004 A 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.013 E - - Creep Factor: 2.0 Max TC CSI: 0.096 Max BC CSI: 0.163 Max Web CSI: 0.890 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F* 76 /- /- /54 /35 /40 Wind reactions based on MWFRS F Brg Wid = 99.0 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. A - E 179 -667 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. A - F 612 -131

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Lt Wedge: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

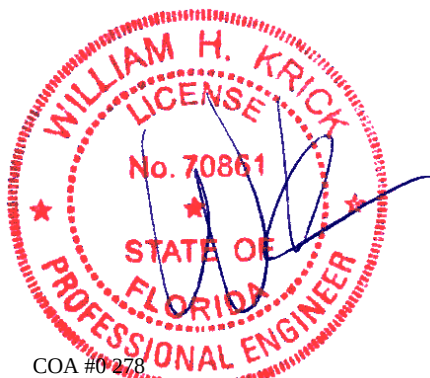
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/726.

Gable Reinforcement

(a) 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.

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.

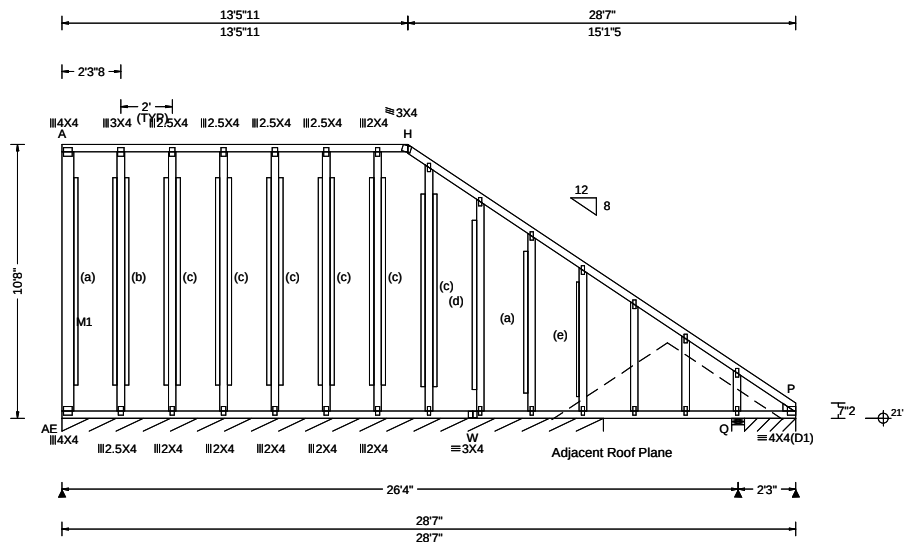


COA #0278

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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

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North Building, 4th Floor
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 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 28.90 ft TCDL: 4.2 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. 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): 0.023 S 999 240 VERT(CL): 0.046 R 999 180 HORZ(LL): -0.015 M - - HORZ(TL): 0.041 A - - Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.219 Max Web CSI: 0.988 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL AE*85 /- /- /59 /21 /35 Q 390 /- /- /376 /243 /- P* 25 /-13 /- /243 /145 /- Wind reactions based on MWFRS AE Brg Wid = 253 Min Req = - Q Brg Wid = 6.0 Min Req = 1.5 (Truss) P Brg Wid = 24.0 Min Req = - Bearings AE, Q, & Q 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3; M1 2x6 SP #1;
Rt Wedge: 2x4 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

Loading

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

Wind

Member design based on both MWFRS and C&C.

Left end vertical exposed to wind pressure. Deflection meets L/180.

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/438.

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.



COA #0 278

05/18/2026
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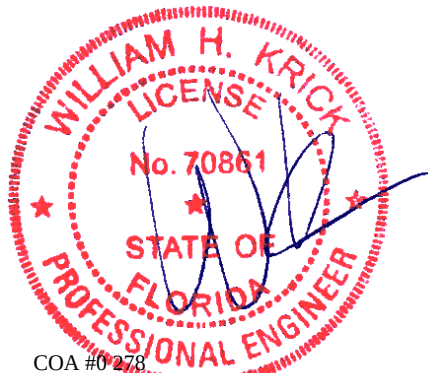
****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**
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ALPINE
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087970 GABL	Ply: 1	Job Number: Z0540	Cust: R 2327 JRef: 1YK523270002 T84
FROM:	Qty: 1	DILLON RES	DrwNo: 135.26.0858.20403
Page 2 of 2		Truss Label: T25	JB / WHK 05/15/2026

Gable Reinforcement

- (a) 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.
- (b) Two 2x6 "L" reinforcements. Same species and grade as web. 80% length of web member. Attach one to each narrow face of web with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 6" oc for the remainder.
- (c) Two 2x6 "L" reinforcements. Any species and grade. 80% length of web member. Attach one to each narrow face of web with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 6" oc for the remainder.
- (d) 2x6 "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.
- (e) 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.



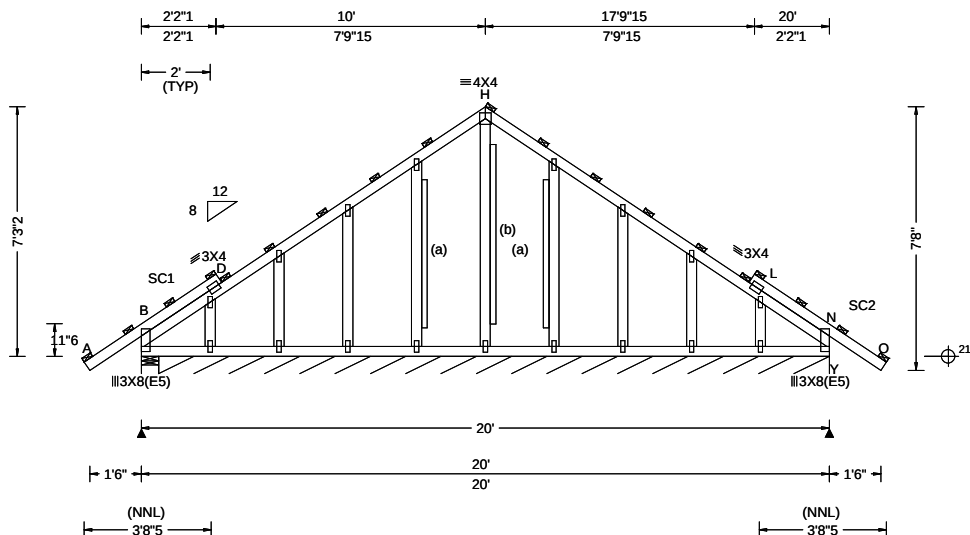
COA #0278

05/18/2026
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 155 Harlem Ave
 North Building, 4th Floor
 Glenview, IL 60025

SEQN: 00000087971 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T26	Cust: R 2327 JRef: 1YK523270002 T9 DrwNo: 135.26.0858.24773 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.55 ft TCDL: 4.2 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 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. 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 I 999 240 VERT(CL): 0.002 H 999 180 HORZ(LL): 0.000 N - - HORZ(TL): 0.007 N - - Creep Factor: 2.0 Max TC CSI: 0.189 Max BC CSI: 0.027 Max Web CSI: 0.968 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 219 /- /- /92 /92 /216 Y* 77 /- /- /40 /38 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) Y Brg Wid = 234 Min Req = - Bearings B & B are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;
Stack Chord: SC2 2x4 SP #1;

Plating Notes

All plates are 1.5X4 except as noted.

Purlins

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

Wind

Member design based on both MWFRS and C&C.

Right end vertical exposed to wind pressure.
Deflection meets L/180.

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/248.

Gable Reinforcement

(a) 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.

(b) 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.

Additional Notes

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

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



COA #0278

05/18/2026
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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

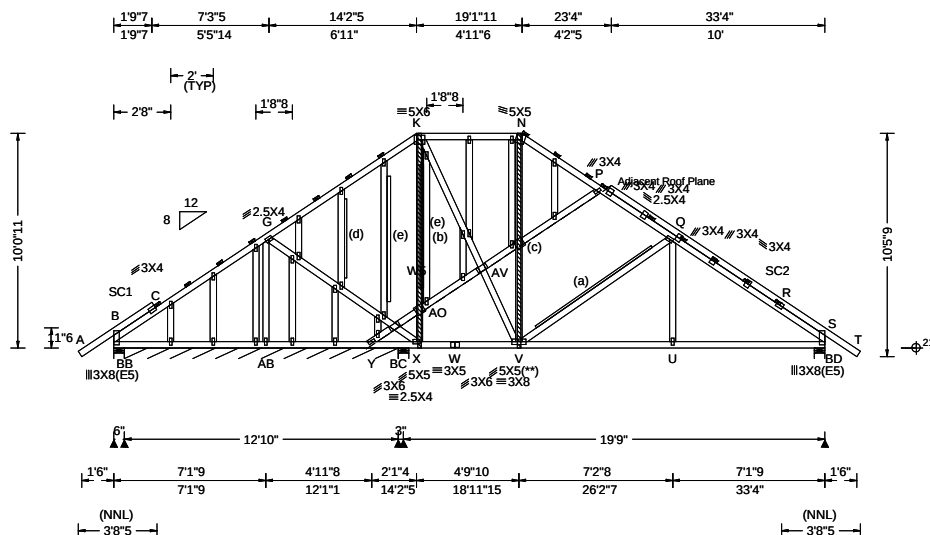
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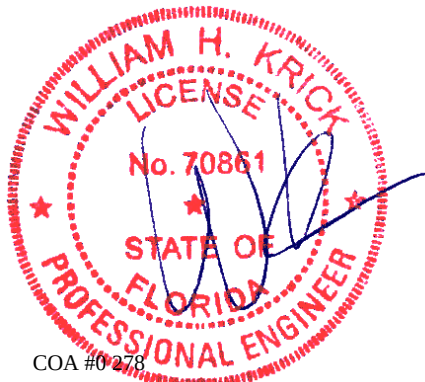
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 26.95 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.33 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. 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): 0.085 R 999 240 VERT(CL): 0.160 R 999 180 HORZ(LL): -0.046 R - - HORZ(TL): 0.087 R - - Creep Factor: 2.0 Max TC CSI: 0.387 Max BC CSI: 0.380 Max Web CSI: 0.990 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity B 188 /- /- /82 /103 /317 BB*98 /- /- /68 /54 /- BC 405 /- /- /218 /48 /- BD 934 /- /- /419 /151 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) BB Brg Wid = 153 Min Req = - BC Brg Wid = 6.0 Min Req = 1.5 (Truss) BD Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings B, BB, BC, & BD are a rigid surface. Members not listed have forces less than 375#

Lumber	Reinforcement	Plating Notes	Loading	Wind	Additional Notes
Top chord: 2x4 SP #1; Bot chord: 2x4 SP #1; Webs: 2x4 SP #3; W5 2x4 SP #1; Stack Chord: SC1 2x4 SP #1; Stack Chord: SC2 2x4 SP #1;	(a) 1x4 #3SRB SPF-S or better "L" reinforcement. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" oc.	All plates are 1.5X4 except as noted. (**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.	Gable end supports 8" max rake overhang. Top chord must not be cut or notched.	Member design based on both MWFRS and C&C. 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/214.	Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1. Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.



COA #0278

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SEQN: 00000087972 GABL	Ply: 1	Job Number: Z0540	Cust: R 2327 JRef: 1YK523270002 T69
FROM:	Qty: 1	DILLON RES	DrwNo: 135.26.0858.30767
Page 2 of 2		Truss Label: T27	JB / WHK 05/15/2026

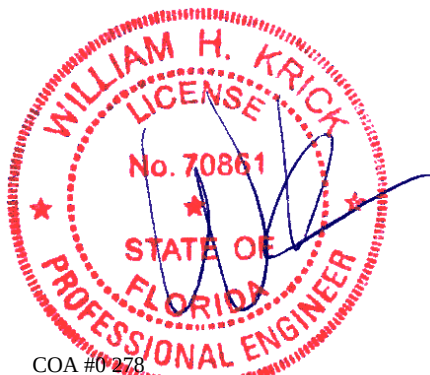
Gable Reinforcement

(b) 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.

(c) 2x6 "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) 1x4 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) 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.



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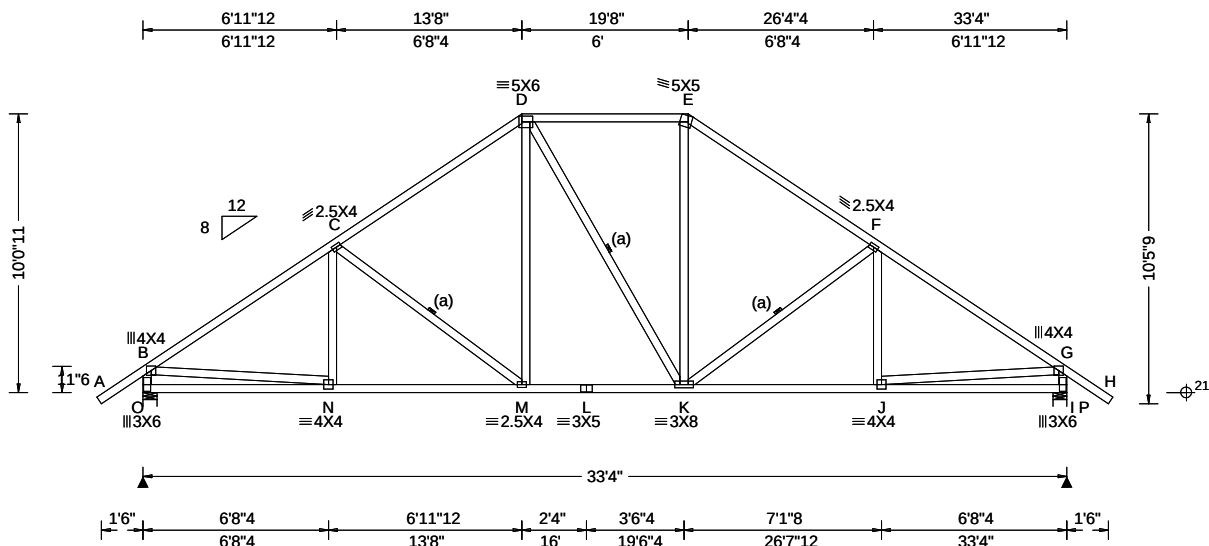
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087973 COMN FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: T28	Cust: R 2327 JRef: 1YK523270002 T67 DrwNo: 135.26.0858.33667 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 26.95 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.33 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. 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): 0.070 M 999 240 VERT(CL): 0.127 M 999 180 HORZ(LL): 0.026 G - - HORZ(TL): 0.047 G - - Creep Factor: 2.0 Max TC CSI: 0.473 Max BC CSI: 0.414 Max Web CSI: 0.529 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL O 1447 - / - / - /694 /637 /433 P 1439 - / - / - /694 /637 - Wind reactions based on MWFRS O Brg Wid = 6.0 Min Req = 1.7 (Truss) P Brg Wid = 6.0 Min Req = 1.7 (Truss) Bearings O & P 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 792 -1872 E - F 771 -1509 C - D 775 -1529 F - G 792 -1860 D - E 744 -1166

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Loading

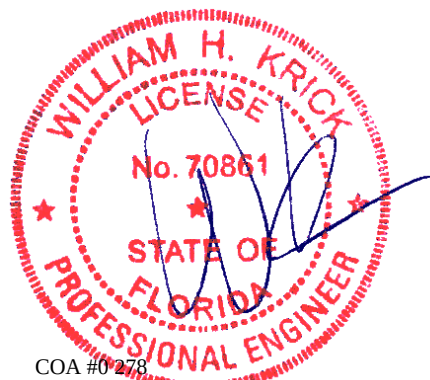
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.



COA #0278

05/18/2026
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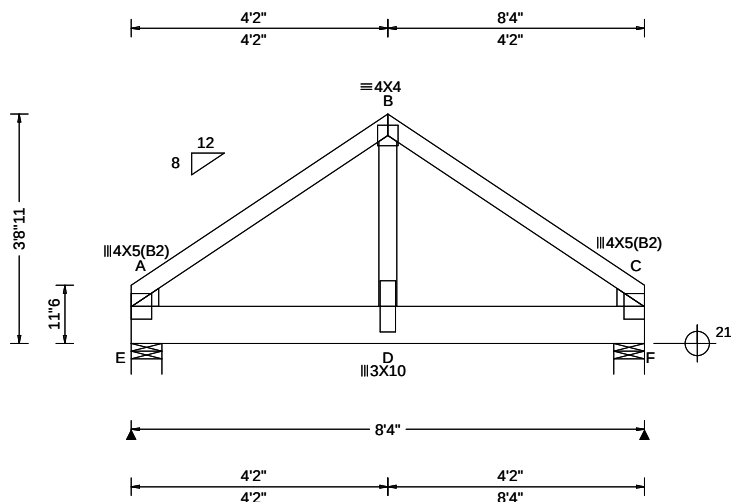
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Glenview, IL 60025

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

SEQN: 00000087975 COMN FROM:	Ply: 2 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T30	Cust: R 2327 JRef: 1YK523270002 T14 DrwNo: 135.26.0858.44427 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 23.34 ft TCDL: 4.2 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.012 D 999 240 VERT(CL): 0.023 D 999 180 HORZ(LL): 0.001 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.075 Max BC CSI: 0.156 Max Web CSI: 0.426 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 2136 /- /- /- /613 /- F 2062 /- /- /- /582 /- Wind reactions based on MWFRS E Brg Wid = 6.0 Min Req = 1.5 (Truss) F Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings E & 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 330 -1133 B - C 330 -1133

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3;
Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

Nailnote

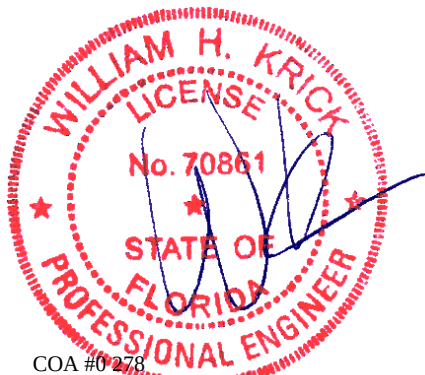
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 57 plf at 0.00 to 57 plf at 8.33
BC: From 10 plf at 0.00 to 10 plf at 6.06
BC: From 20 plf at 6.06 to 20 plf at 8.33
BC: 1206 lb Conc. Load at 2.06, 4.06, 6.06

Wind

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



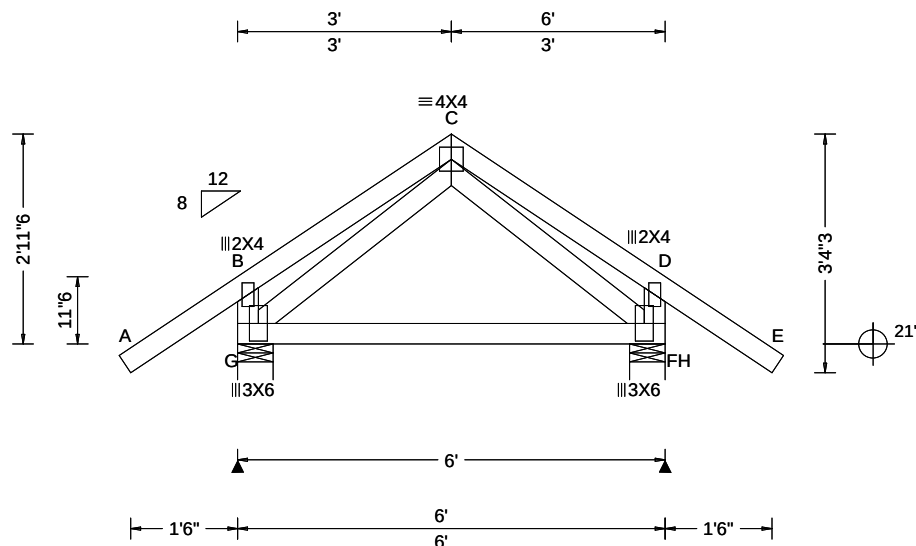
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North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087976 COMN FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: T31	Cust: R 2327 JRef: 1YK523270002 T1 DrwNo: 135.26.0858.46953 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.39 ft TCDL: 4.2 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 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. 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 C 999 240 VERT(CL): 0.001 C 999 180 HORZ(LL): 0.001 D - - HORZ(TL): 0.003 D - - Creep Factor: 2.0 Max TC CSI: 0.267 Max BC CSI: 0.282 Max Web CSI: 0.195 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 328 -/- /- /129 /66 /129 H 328 -/- /- /129 /66 -/ Wind reactions based on MWFRS G Brg Wid = 6.0 Min Req = 1.5 (Truss) H Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings G & H are a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - G 538 -220 D - F 538 -220

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.



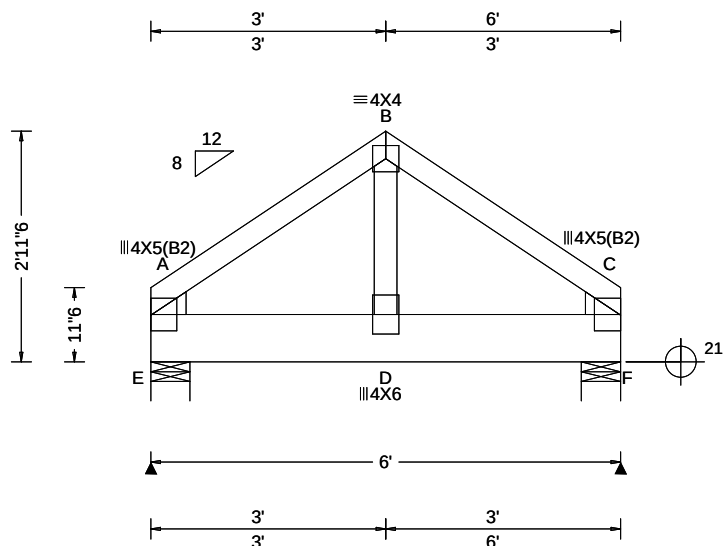
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Glenview, IL 60025

SEQN: 00000087977 COMN FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T32	Cust: R 2327 JRef: 1YK523270002 T26 DrwNo: 135.26.0858.49430 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.95 ft TCDL: 4.2 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 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.007 D 999 240 VERT(CL): 0.013 D 999 180 HORZ(LL): 0.001 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.066 Max BC CSI: 0.133 Max Web CSI: 0.326 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 924 /- /- /- /303 /- F 955 /- /- /- /311 /- Wind reactions based on MWFRS E Brg Wid = 6.0 Min Req = 1.5 (Truss) F Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings E & 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 316 -945 B - C 316 -944

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x8 SP SS Dense;
Webs: 2x4 SP #3;
Lt Wedge: 2x4 SP #3; Rt Wedge: 2x4 SP #3;

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 57 plf at 0.00 to 57 plf at 6.00
BC: From 10 plf at 0.00 to 10 plf at 6.00
BC: 739 lb Conc. Load at 2.06, 4.06

Wind

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - D	748 -235	D - C	748 -235

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
B - D	855 -195



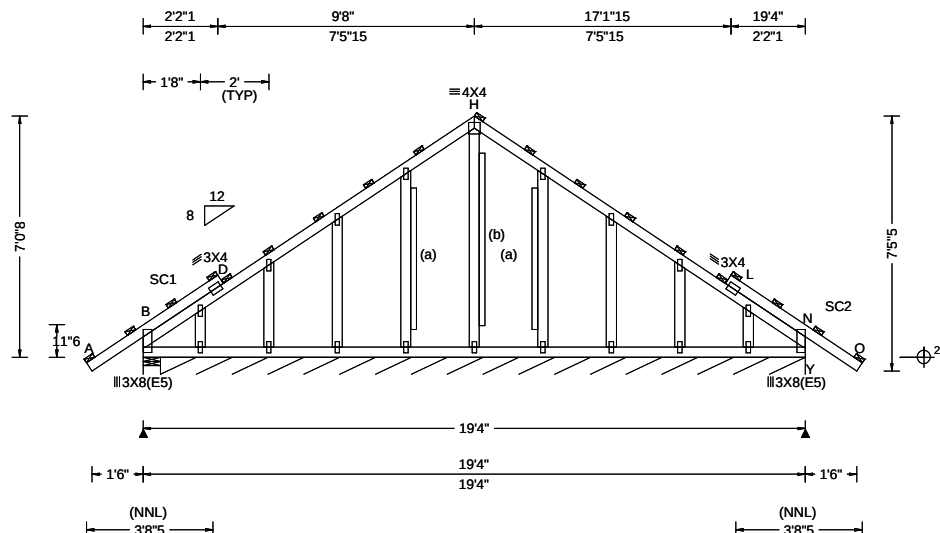
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Glenview, IL 60025

SEQN: 00000087978 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T33	Cust: R 2327 JRef: 1YK523270002 T4 DrwNo: 135.26.0858.52260 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.44 ft TCDL: 4.2 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. 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 L 999 240 VERT(CL): 0.002 L 999 180 HORZ(LL): 0.000 D - - HORZ(TL): 0.007 N - - Creep Factor: 2.0 Max TC CSI: 0.217 Max BC CSI: 0.033 Max Web CSI: 0.910 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 215 /- /- /87 /93 /209 Y* 78 /- /- /41 /38 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) Y Brg Wid = 226 Min Req = - Bearings B & B are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;
Stack Chord: SC2 2x4 SP #1;

Plating Notes

All plates are 1.5X4 except as noted.

Purlins

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

Wind

Member design based on both MWFRS and C&C.
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/297.

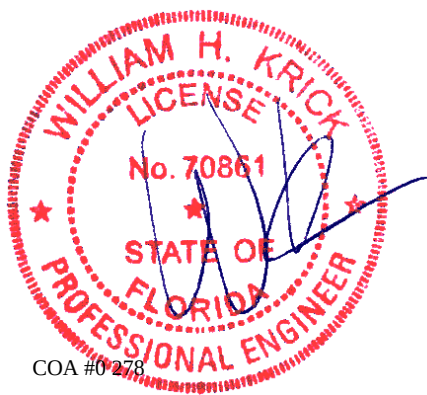
Gable Reinforcement

(a) 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.
(b) 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.

Additional Notes

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

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



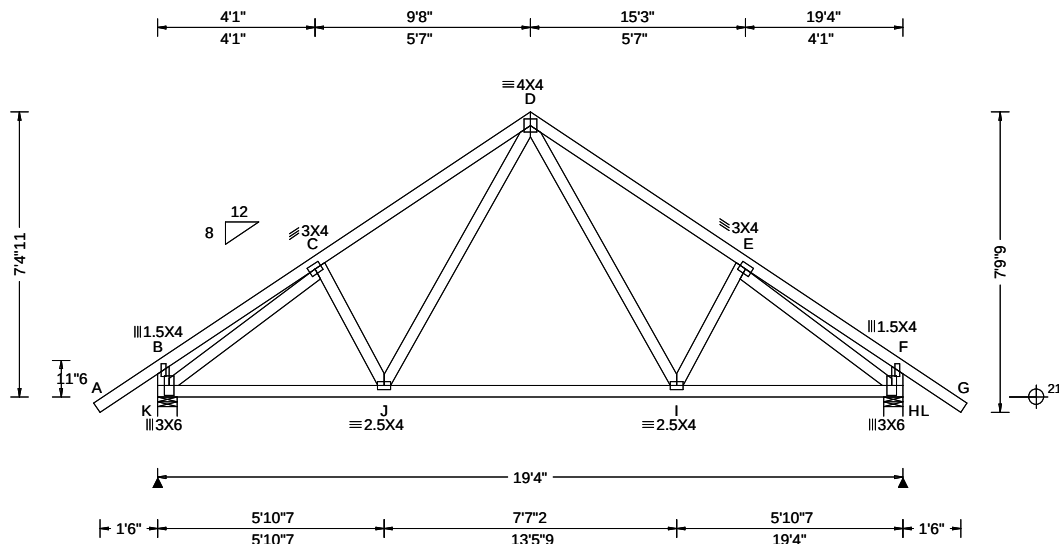
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155 Harlem Ave
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Glenview, IL 60025

SEQN: 00000087979 COMN FROM:	Ply: 1 Qty: 10	Job Number: Z0540 DILLON RES Truss Label: T34	Cust: R 2327 JRef: 1YK523270002 T3 DrwNo: 135.26.0858.54240 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.61 ft TCDL: 4.2 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. 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): 0.025 J 999 240 VERT(CL): 0.045 J 999 180 HORZ(LL): 0.015 F - - HORZ(TL): 0.026 F - - Creep Factor: 2.0 Max TC CSI: 0.310 Max BC CSI: 0.412 Max Web CSI: 0.536 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL K 906 /- /- /390 /406 /280 L 906 /- /- /390 /406 /- Non-Gravity Wind reactions based on MWFRS K Brg Wid = 6.0 Min Req = 1.5 (Truss) L Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings K & 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. C - D 639 -993 D - E 639 -993

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
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

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection
meets L/180.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
K - J	817 -322	I - H	817 -312
J - I	576 -71		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
K - C	404 -1031	D - I	380 -214
J - D	380 -214	E - H	404 -1031



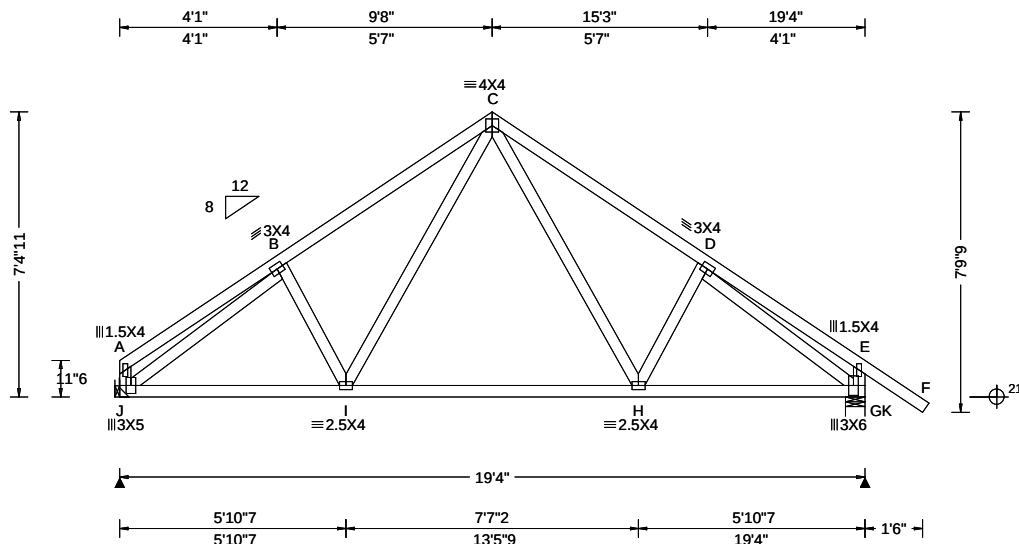
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Glenview, IL 60025

SEQN: 00000087980 COMN FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T35	Cust: R 2327 JRef: 1YK523270002 T7 DrwNo: 135.26.0858.57787 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.61 ft TCDL: 4.2 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 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. 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): 0.029 I 999 240 VERT(CL): 0.039 I 999 180 HORZ(LL): 0.017 E - - HORZ(TL): 0.023 E - - Creep Factor: 2.0 Max TC CSI: 0.218 Max BC CSI: 0.329 Max Web CSI: 0.473 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL J 739 /- /- /402 /191 /296 K 844 /- /- /390 /230 /- Non-Gravity Wind reactions based on MWFRS J Brg Wid = - Min Req = - K Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearing K 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 443 -888 C - D 420 -877

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
J - I	744 -210	H - G	726 -187
I - H	515 -47		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
J - B	322 -910	D - G	243 -906



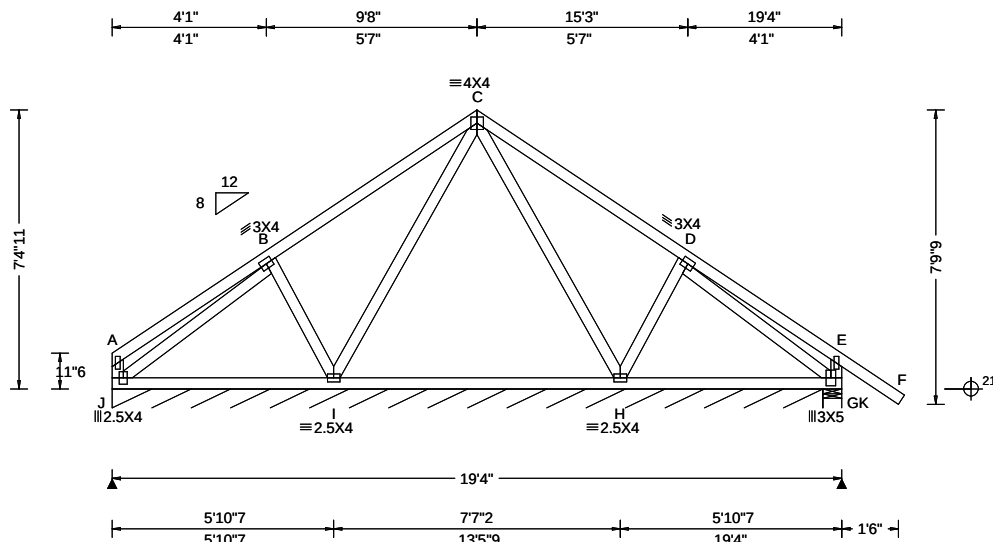
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SEQN: 00000087981 COMN FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T36	Cust: R 2327 JRef: 1YK523270002 T6 DrwNo: 135.26.0859.00040 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.61 ft TCDL: 4.2 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 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. 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 C 999 240 VERT(CL): 0.003 C 999 180 HORZ(LL): 0.002 E - - HORZ(TL): 0.006 E - - Creep Factor: 2.0 Max TC CSI: 0.278 Max BC CSI: 0.261 Max Web CSI: 0.215 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J* 67 /- /- /36 /17 /16 K 313 /- /- /102 /93 /- Wind reactions based on MWFRS J Brg Wid = 226 Min Req = - K Brg Wid = 6.0 Min Req = 1.5 (Truss) Bearings J & K are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Plating Notes

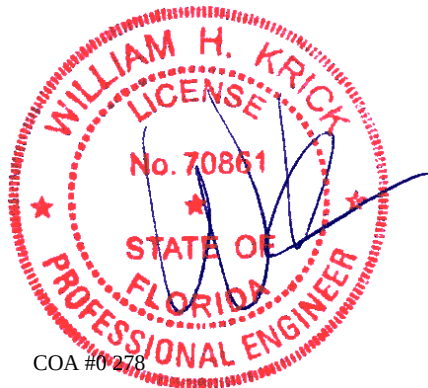
All plates are 1.5X4 except as noted.

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.



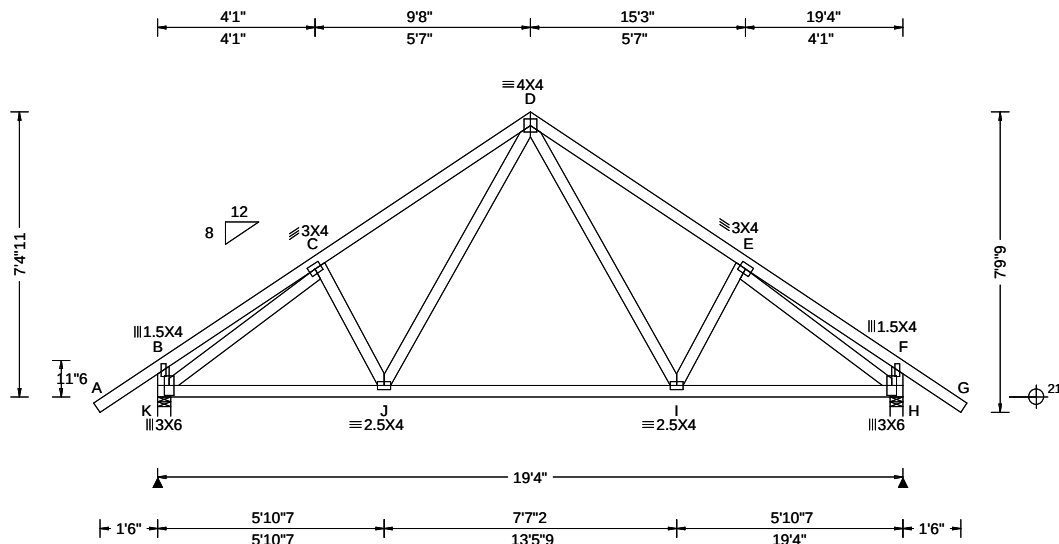
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087982 COMN FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T37	Cust: R 2327 JRef: 1YK523270002 T5 DrwNo: 135.26.0859.03233 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.61 ft TCDL: 4.2 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 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. 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): 0.021 J 999 240 VERT(CL): 0.038 J 999 180 HORZ(LL): 0.012 F - - HORZ(TL): 0.023 F - - Creep Factor: 2.0 Max TC CSI: 0.220 Max BC CSI: 0.327 Max Web CSI: 0.468 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K 840 /- /- /390 /229 /280 H 840 /- /- /390 /229 /- Wind reactions based on MWFRS K Brg Wid = 4.0 Min Req = 1.5 (Truss) H Brg Wid = 4.0 Min Req = 1.5 (Truss) Bearings K & 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. C - D 414 -870 D - E 414 -870

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
K - J	721 -193	I - H	721 -183
J - I	510 -45		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
K - C	239 -900	E - H	239 -900



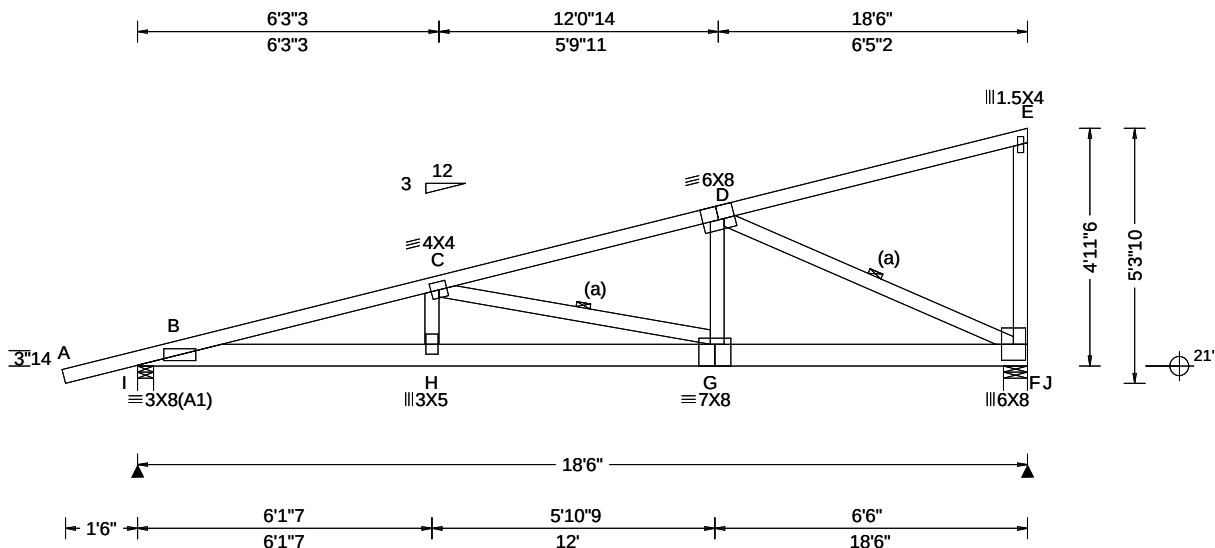
COA #0278

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

SEQN: 00000087983 MONO FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T38	Cust: R 2327 JRef: 1YK523270002 T42 DrwNo: 135.26.0859.05280 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 23.44 ft TCDL: 4.2 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.274 H 803 240 VERT(CL): 0.342 H 643 180 HORZ(LL): -0.053 E - - HORZ(TL): 0.066 E - - Creep Factor: 2.0 Max TC CSI: 0.536 Max BC CSI: 0.951 Max Web CSI: 0.776 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL I 1415 - / - / - / 691 / 177 J 1521 - / - / - / 677 - Non-Gravity Wind reactions based on MWFRS I Brg Wid = 4.0 Min Req = 1.7 (Truss) J Brg Wid = 6.0 Min Req = 1.8 (Truss) Bearings I & 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. B - C 2107 - 4558 C - D 1305 - 2671

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x6 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 54 plf at -1.57 to 54 plf at 7.06
TC: From 27 plf at 7.06 to 27 plf at 18.50
BC: From 4 plf at -1.57 to 4 plf at 0.00
BC: From 20 plf at 0.00 to 20 plf at 7.06
BC: From 10 plf at 7.06 to 10 plf at 18.50
BC: 606 lb Conc. Load at 7.06
BC: 258 lb Conc. Load at 9.06, 11.06, 13.06, 15.06
17.06

Wind

Wind loads and reactions based on MWFRS.

Right end vertical exposed to wind pressure.
Deflection meets L/180.

Wind loading based on both gable and hip roof types.



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Lumber					
Top chord: 2x4 SP #1;					
Bot chord: 2x4 SP #1;					
Webs: 2x4 SP #3;					
Wind					
Member design based on both MWFRS and C&C.					
Wind loading based on both gable and hip roof types.					
Additional Notes					
Provide hanger or special connection at top chord.					
Provide hanger or special connection at bottom chord.					



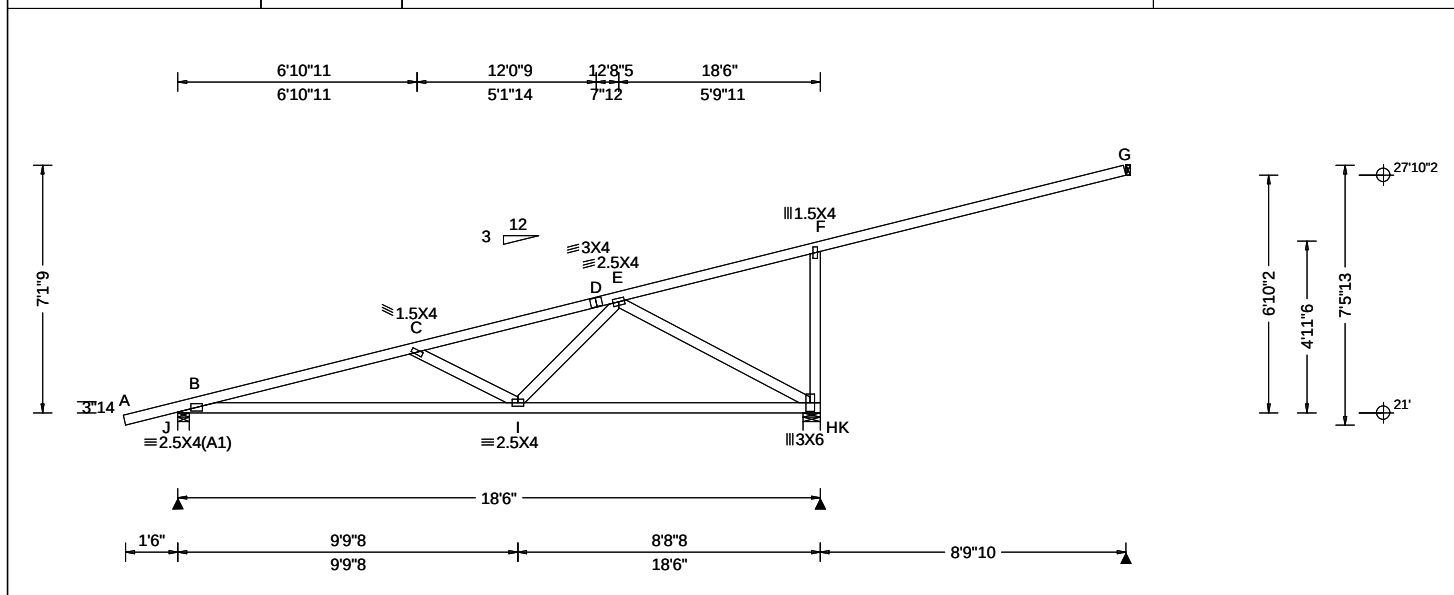
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087985 MONO FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: T40	Cust: R 2327 JRef: 1YK523270002 T17 DrwNo: 135.26.0859.12753 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.53 ft TCDL: 4.2 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. 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): 0.070 C 999 240 VERT(CL): 0.131 C 999 180 HORZ(LL): 0.017 H - - HORZ(TL): 0.033 H - - Creep Factor: 2.0 Max TC CSI: 0.774 Max BC CSI: 0.725 Max Web CSI: 0.789 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL J 779 - / - / - /336 /326 /399 K 985 - / - / - /420 /656 - G 197 - / - / - /55 /180 - Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 (Truss) K Brg Wid = 6.0 Min Req = 1.5 (Truss) G Brg Wid = 1.5 Min Req = - Bearings J & 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 #1; Bot chord: 2x4 SP #1; Webs: 2x4 SP #3;	Wind Member design based on both MWFRS and C&C. Wind loading based on both gable and hip roof types.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - I 1674 -920 I - H 836 -419
Additional Notes Provide hanger or special connection at top chord. Provide hanger or special connection at bottom chord.		Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - I 446 -510 E - H 478 -953 I - E 691 -174 F - H 461 -499



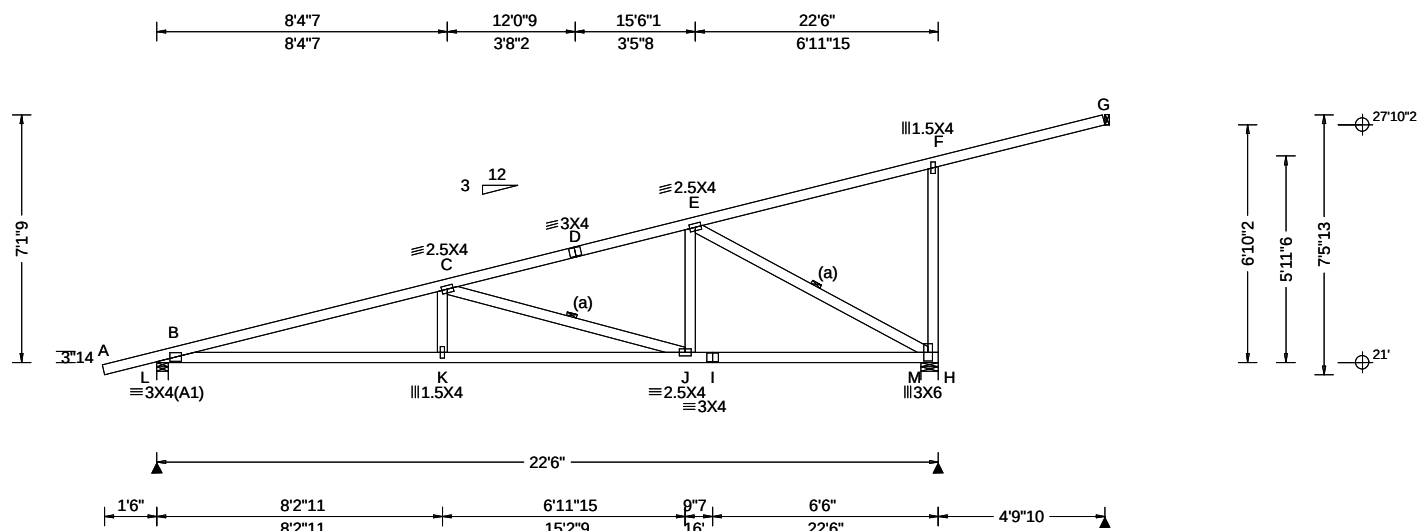
COA #0278

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

SEQN: 00000087986 MONO FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: T41	Cust: R 2327 JRef: 1YK523270002 T16 DrwNo: 135.26.0859.20380 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.53 ft TCDL: 4.2 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 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. 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): 0.171 C 999 240 VERT(CL): 0.229 K 999 180 HORZ(LL): 0.042 H - - HORZ(TL): 0.057 H - - Creep Factor: 2.0 Max TC CSI: 0.523 Max BC CSI: 0.553 Max Web CSI: 0.431 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity L 928 /- /- /411 /370 /349 M 1013 /- /- /457 /487 /- G 104 /-2 /- /23 /66 /- Wind reactions based on MWFRS L Brg Wid = 4.0 Min Req = 1.5 (Truss) M Brg Wid = 6.0 Min Req = 1.5 (Truss) G Brg Wid = 1.5 Min Req = - Bearings L & M 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 #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

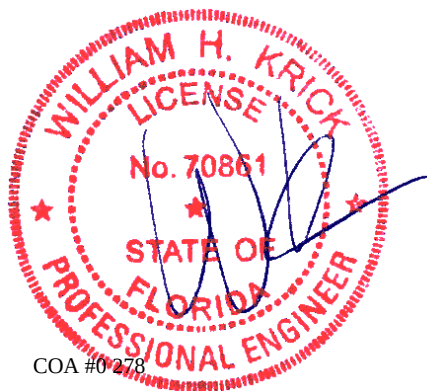
Provide hanger or special connection at top chord.
Provide hanger or special connection at bottom chord.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - K	2154 -897	J - I	1069 -436
K - J	2146 -900	I - H	1069 -436

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - J	484 -1098	E - H	498 -1222
J - E	552 -60		



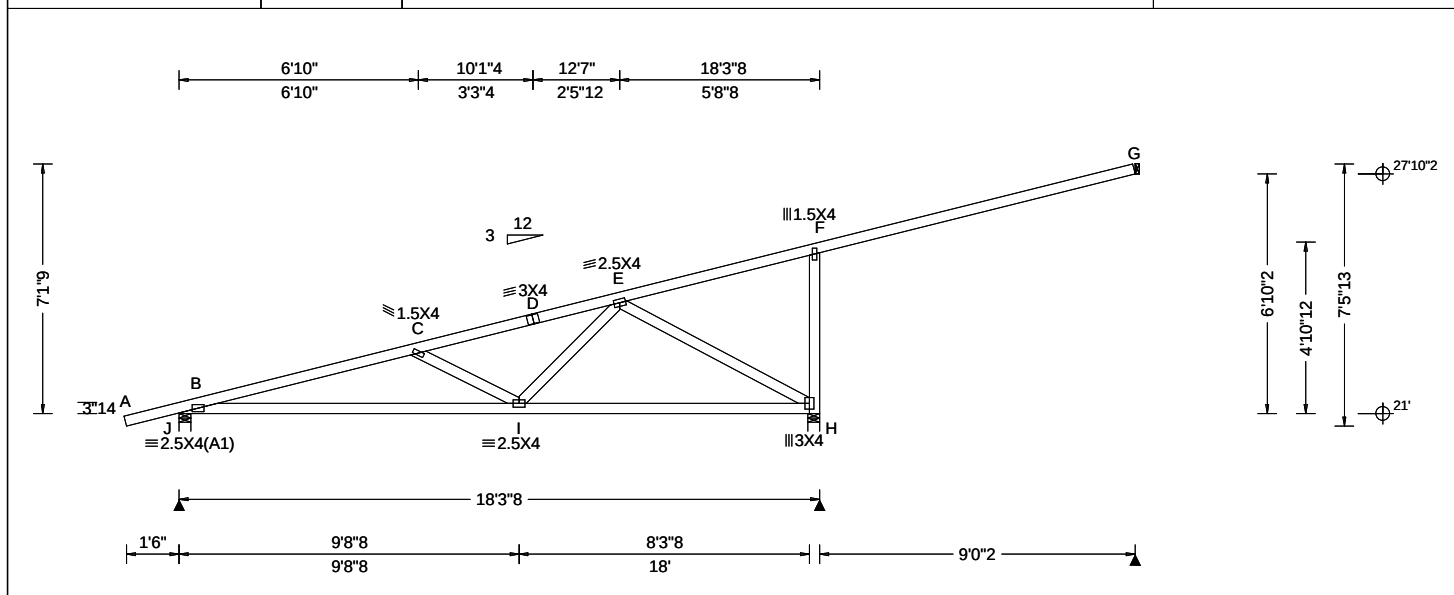
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087987 MONO FROM:	Ply: 1 Qty: 6	Job Number: Z0540 DILLON RES Truss Label: T42	Cust: R 2327 JRef: 1YK523270002 T11 DrwNo: 135.26.0859.23777 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.53 ft TCDL: 4.2 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 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. 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): 0.074 C 999 240 VERT(CL): 0.128 C 999 180 HORZ(LL): 0.018 H - - HORZ(TL): 0.032 H - - Creep Factor: 2.0 Max TC CSI: 0.809 Max BC CSI: 0.707 Max Web CSI: 0.753 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 772 /- /- /332 /294 /349 H 979 /- /- /413 /522 /- G 201 /- /- /56 /151 /- Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 (Truss) H Brg Wid = 4.0 Min Req = 1.5 (Support) G Brg Wid = 1.5 Min Req = - Bearings J & 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.

Lumber Top chord: 2x4 SP #1; Bot chord: 2x4 SP #1; Webs: 2x4 SP #3;	Wind Member design based on both MWFRS and C&C. Wind loading based on both gable and hip roof types.	Additional Notes Provide hanger or special connection at top chord. Provide hanger or special connection at bottom chord.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - I 1650 -690 I - H 821 -308 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - I 362 -508 E - H 351 -937 I - E 683 -116 F - H 407 -508
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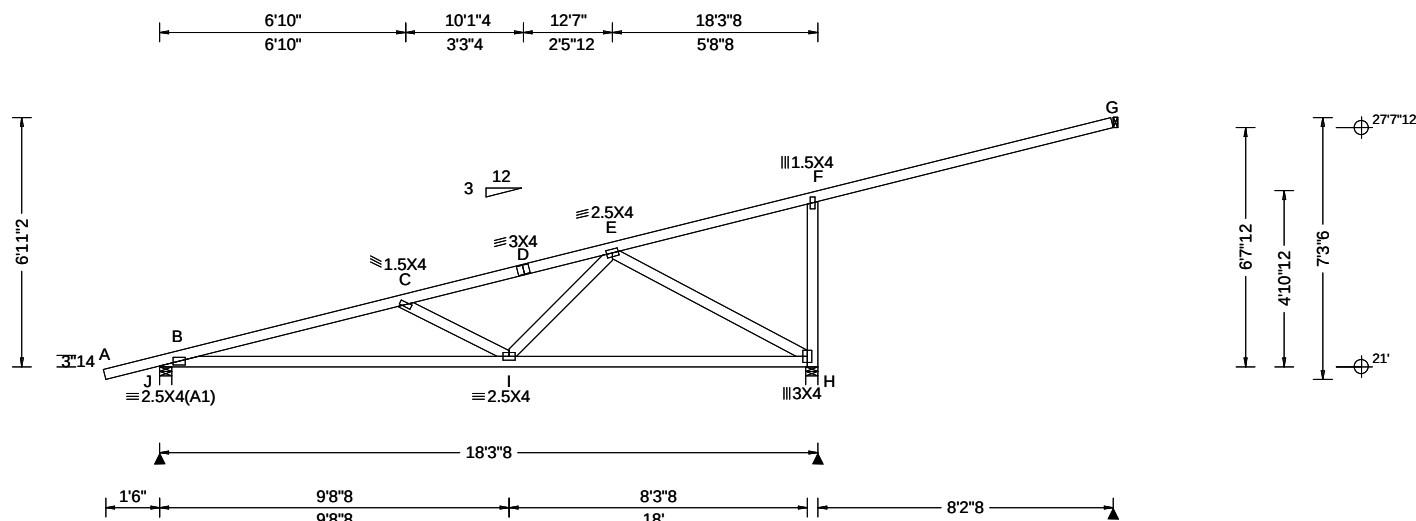
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SEQN: 00000087988 MONO FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T43	Cust: R 2327 JRef: 1YK523270002 T15 DrwNo: 135.26.0859.26007 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.43 ft TCDL: 4.2 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 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. 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): 0.074 C 999 240 VERT(CL): 0.128 C 999 180 HORZ(LL): 0.018 H - - HORZ(TL): 0.032 H - - Creep Factor: 2.0 Max TC CSI: 0.673 Max BC CSI: 0.707 Max Web CSI: 0.757 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity J 772 /- /- /333 /325 /387 H 950 /- /- /405 /632 /- G 184 /- /- /51 /167 /- Wind reactions based on MWFRS J Brg Wid = 4.0 Min Req = 1.5 (Truss) H Brg Wid = 4.0 Min Req = 1.5 (Support) G Brg Wid = 1.5 Min Req = - Bearings J & 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.

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

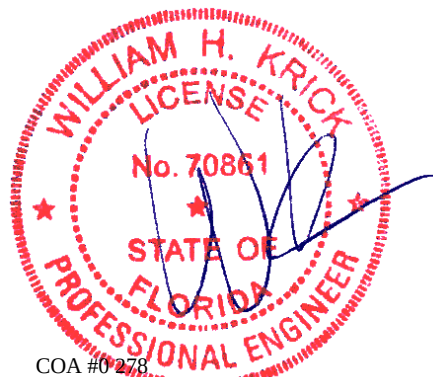
Provide hanger or special connection at top chord.
Provide hanger or special connection at bottom chord.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - I	1653 -911	I - H	825 -421

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - I	437 -502	E - H	481 -942
I - E	682 -170	F - H	431 -468



COA #0 278

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Lumber		Maximum Bot Chord Forces Per Ply (lbs)			
Top chord: 2x4 SP #1;		Chords	Tens.Comp.	Chords	Tens. Comp.
Bot chord: 2x6 SP #1;					
Webs: 2x4 SP #3;					
Reinforcement					
(a) Continuous lateral restraint equally spaced on member.					
Special Loads		Maximum Web Forces Per Ply (lbs)			
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)		Webs	Tens.Comp.	Webs	Tens. Comp.
TC: From 54 plf at -1.57 to 54 plf at 7.06					
TC: From 27 plf at 7.06 to 27 plf at 18.29					
BC: From 4 plf at -1.57 to 4 plf at 0.00					
BC: From 20 plf at 0.00 to 20 plf at 7.06					
BC: From 10 plf at 7.06 to 10 plf at 18.00					
BC: 606 lb Conc. Load at 7.06					
BC: 258 lb Conc. Load at 9.06,11.06,13.06,15.06					
17.06					

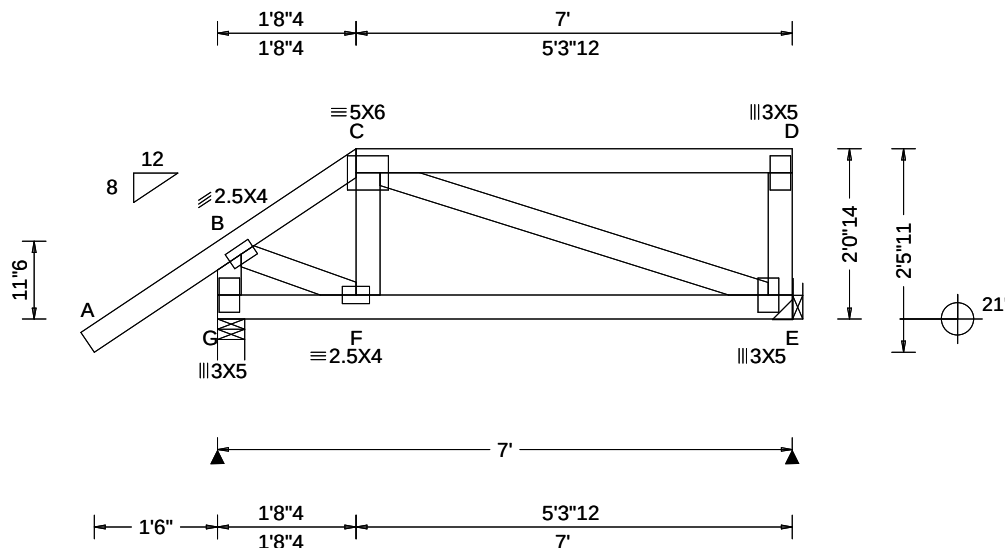
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 00000087990 HIPM FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T45	Cust: R 2327 JRef: 1YK523270002 T13 DrwNo: 135.26.0855.10597 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 21.96 ft TCDL: 4.2 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. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.007 F 999 240 VERT(CL): 0.013 F 999 180 HORZ(LL): 0.004 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.732 Max BC CSI: 0.408 Max Web CSI: 0.323 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 749 /- /- /- /288 /38 E 606 /- /- /- /231 /- Wind reactions based on MWFRS G Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. B - C 208 -784

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From 57 plf at -1.66 to 57 plf at 1.69
TC: From 28 plf at 1.69 to 28 plf at 7.00
BC: From 5 plf at -1.66 to 5 plf at 0.00
BC: From 10 plf at 0.00 to 10 plf at 7.00
TC: 158 lb Conc. Load at 1.72
TC: 162 lb Conc. Load at 3.75, 5.75
BC: 215 lb Conc. Load at 1.72
BC: 122 lb Conc. Load at 3.75, 5.75

Wind

Wind loads and reactions based on MWFRS.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.



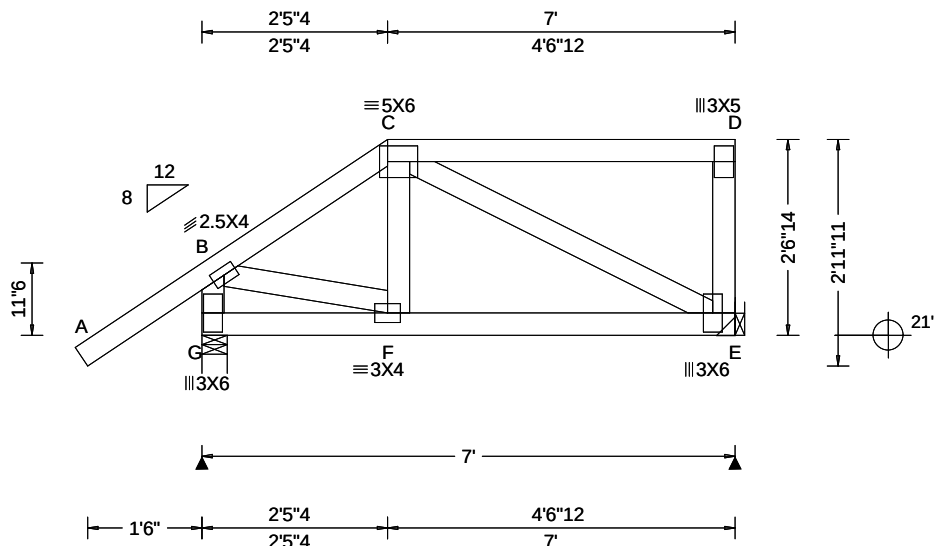
COA #0278

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SEQN: 00000087991 HIPM FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T47	Cust: R 2327 JRef: 1YK523270002 T22 DrwNo: 135.26.0859.33280 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.21 ft TCDL: 4.2 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 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. 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 F 999 240 VERT(CL): 0.004 F 999 180 HORZ(LL): 0.001 E - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.463 Max BC CSI: 0.141 Max Web CSI: 0.234 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 377 /- /- /146 /155 /169 E 258 /- /- /139 /131 /- Wind reactions based on MWFRS G Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - G 527 -365

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.



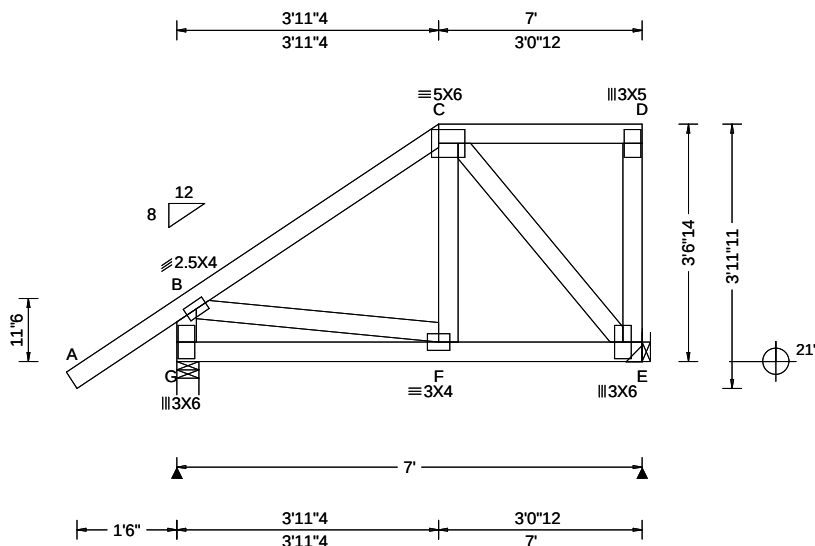
COA #0278

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SEQN: 00000087992 HIPM FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T48	Cust: R 2327 JRef: 1YK523270002 T24 DrwNo: 135.26.0859.36287 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.71 ft TCDL: 4.2 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. 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 F 999 240 VERT(CL): 0.003 F 999 180 HORZ(LL): 0.000 E - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.258 Max BC CSI: 0.097 Max Web CSI: 0.148 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 377 /- /- /152 /80 /179 E 258 /- /- /160 /119 /- Wind reactions based on MWFRS G Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - G 450 -344

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.

Left end vertical exposed to wind pressure. Deflection meets L/180.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



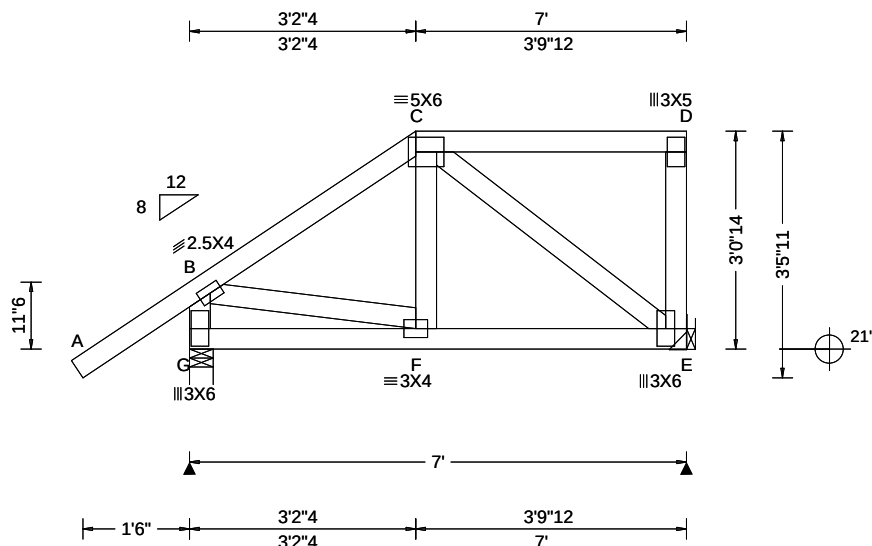
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SEQN: 00000087993 HIPM FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T49	Cust: R 2327 JRef: 1YK523270002 T23 DrwNo: 135.26.0859.38047 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.46 ft TCDL: 4.2 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. 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 F 999 240 VERT(CL): 0.004 F 999 180 HORZ(LL): 0.001 E - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.317 Max BC CSI: 0.098 Max Web CSI: 0.175 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 377 /- /- /148 /90 /158 E 258 /- /- /149 /120 /- Wind reactions based on MWFRS G Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - G 488 -353

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

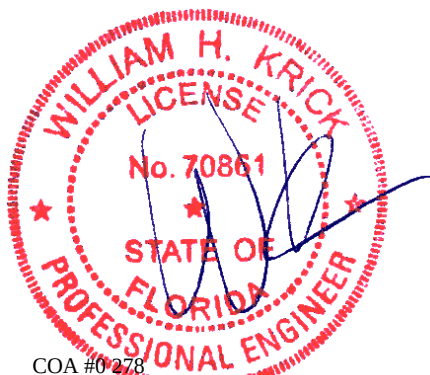
Wind

Member design based on both MWFRS and C&C.

Left end vertical exposed to wind pressure. Deflection meets L/180.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



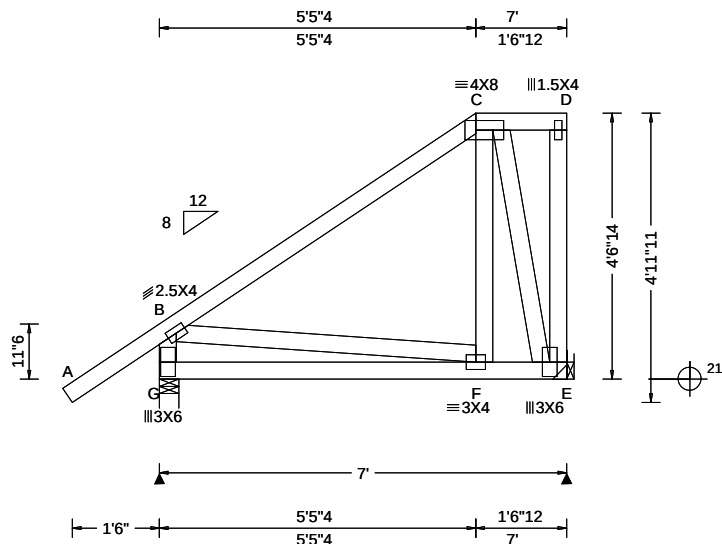
COA #0278

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

SEQN: 00000087994 HIPM FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T50	Cust: R 2327 JRef: 1YK523270002 T19 DrwNo: 135.26.0859.42903 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 23.21 ft TCDL: 4.2 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. 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 F 999 240 VERT(CL): 0.004 F 999 180 HORZ(LL): 0.000 E - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.462 Max BC CSI: 0.169 Max Web CSI: 0.197 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 377 /- /- /151 /57 /219 E 258 /- /- /189 /123 /- Wind reactions based on MWFRS G Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. G - F 122 -488

Lumber

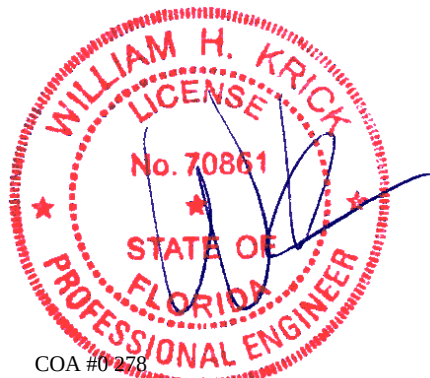
Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - G	382 -331	B - F	382 -63



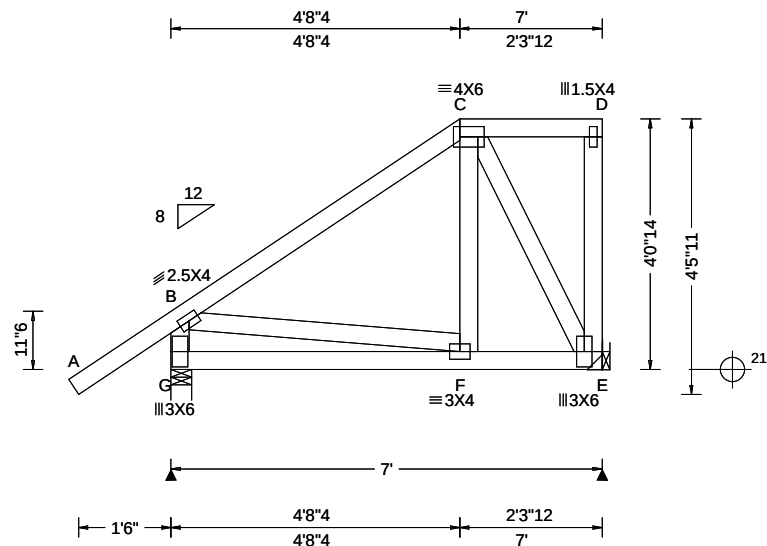
COA #0278

05/18/2026
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Glenview, IL 60025

SEQN: 00000087995 HIPM FROM:	Ply: 1 Qty: 2	Job Number: Z0540 DILLON RES Truss Label: T51	Cust: R 2327 JRef: 1YK523270002 T25 DrwNo: 135.26.0859.44590 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.96 ft TCDL: 4.2 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. 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 F 999 240 VERT(CL): 0.003 F 999 180 HORZ(LL): 0.000 E - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.338 Max BC CSI: 0.125 Max Web CSI: 0.153 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 377 /- /- /152 /69 /199 E 258 /- /- /174 /118 /- Wind reactions based on MWFRS G Brg Wid = 4.0 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. G - F 96 -418

Lumber

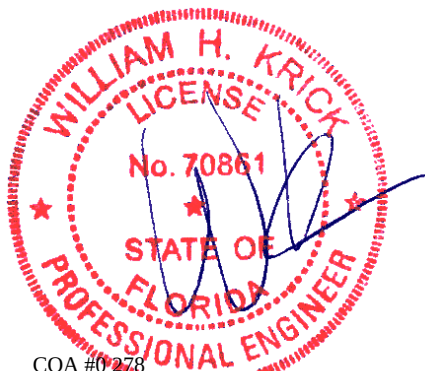
Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Left end vertical exposed to wind pressure. Deflection meets L/180.
Right end vertical not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.
B - G 414 -337



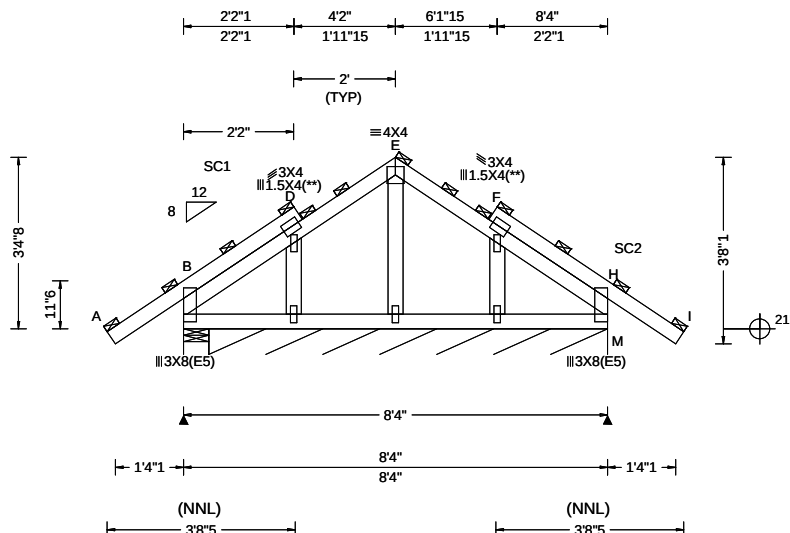
COA #0278

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Glenview, IL 60025

SEQN: 00000087996 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T52	Cust: R 2327 JRef: 1YK523270002 T96 DrwNo: 135.26.0859.48423 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 22.66 ft TCDL: 4.2 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 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. 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 H 999 240 VERT(CL): -0.002 H 999 180 HORZ(LL): 0.000 B - - HORZ(TL): 0.003 H - - Creep Factor: 2.0 Max TC CSI: 0.229 Max BC CSI: 0.026 Max Web CSI: 0.269 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 198 /- /- /53 /79 /85 M* 79 /- /- /37 /17 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) M Brg Wid = 94.0 Min Req = - Bearings B & B are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;
Stack Chord: SC2 2x4 SP #1;

Plating Notes

All plates are 1.5X4 except as noted.

(**) 2 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 TC @ 24" oc.

Wind

Member design based on both MWFRS and C&C.

Right end vertical exposed to wind pressure.

Deflection meets L/180.

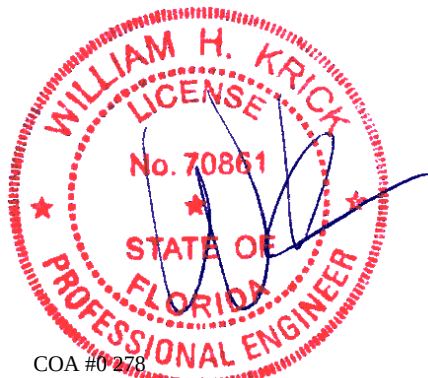
Wind loading based on both gable and hip roof types.

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.

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



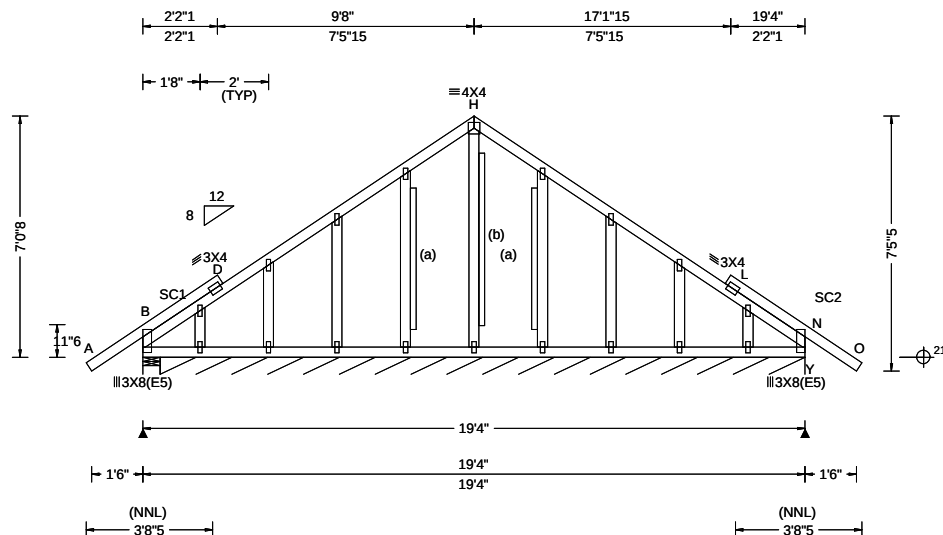
COA #0278

05/18/2026
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SEQN: 00000087997 GABL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: T53	Cust: R 2327 JRef: 1YK523270002 T2 DrwNo: 135.26.0859.50233 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 24.44 ft TCDL: 4.2 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. 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): 0.001 L 999 240 VERT(CL): 0.002 L 999 180 HORZ(LL): 0.000 D - - HORZ(TL): 0.007 N - - Creep Factor: 2.0 Max TC CSI: 0.215 Max BC CSI: 0.033 Max Web CSI: 0.910 VIEW Ver: 24.02.00B.1106.21	Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 215 /- /- /87 /93 /209 Y* 78 /- /- /41 /38 /- Wind reactions based on MWFRS B Brg Wid = 6.0 Min Req = 1.5 (Truss) Y Brg Wid = 226 Min Req = - Bearings B & B are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #1;
Stack Chord: SC2 2x4 SP #1;

Plating Notes

All plates are 1.5X4 except as noted.

Wind

Member design based on both MWFRS and C&C.

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/297.

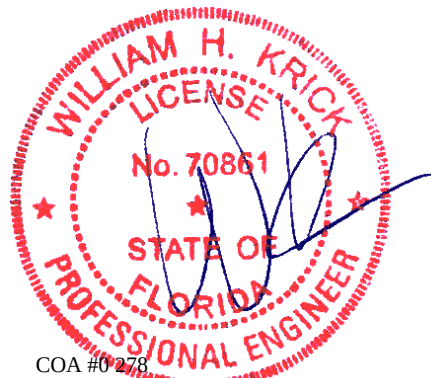
Gable Reinforcement

(a) 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.
(b) 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.

Additional Notes

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

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



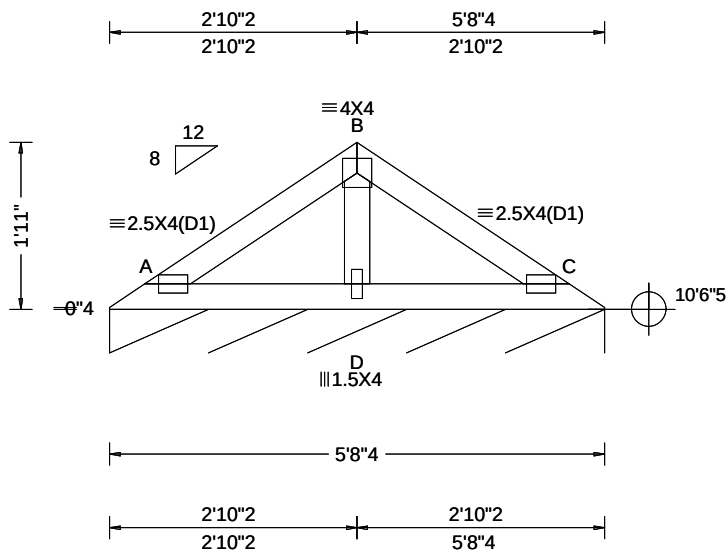
COA #0 278

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

SEQN: 00000087998 VAL FROM:	Ply: 1 Qty: 3	Job Number: Z0540 DILLON RES Truss Label: V1	Cust: R 2327 JRef: 1YK523270002 T52 DrwNo: 135.26.0900.07640 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 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. 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 C 999 240 VERT(CL): 0.004 C 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.092 Max BC CSI: 0.084 Max Web CSI: 0.080 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 76 /- /- /36 /15 /9 Wind reactions based on MWFRS C Brg Wid = 68.3 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

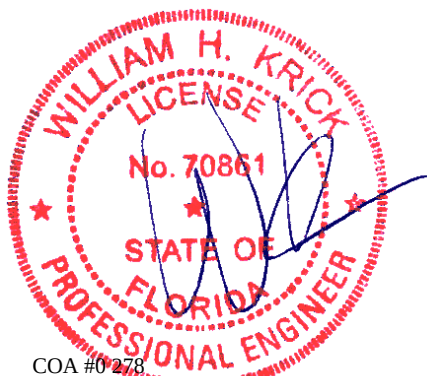
Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.



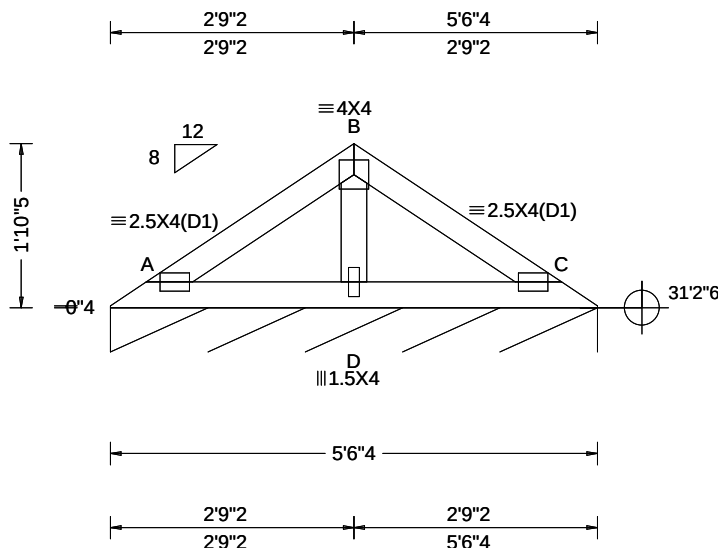
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Glenview, IL 60025

SEQN: 00000087999 VAL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: V2	Cust: R 2327 JRef: 1YK523270002 T92 DrwNo: 135.26.0900.11407 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 32.27 ft TCDL: 4.2 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. 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 A 999 240 VERT(CL): 0.003 A 999 180 HORZ(LL): -0.001 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.087 Max BC CSI: 0.080 Max Web CSI: 0.082 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 76 /- /- /35 /34 /9 Wind reactions based on MWFRS C Brg Wid = 66.3 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.
See DWGS VALTN220723 and VAL180220723 for valley details.



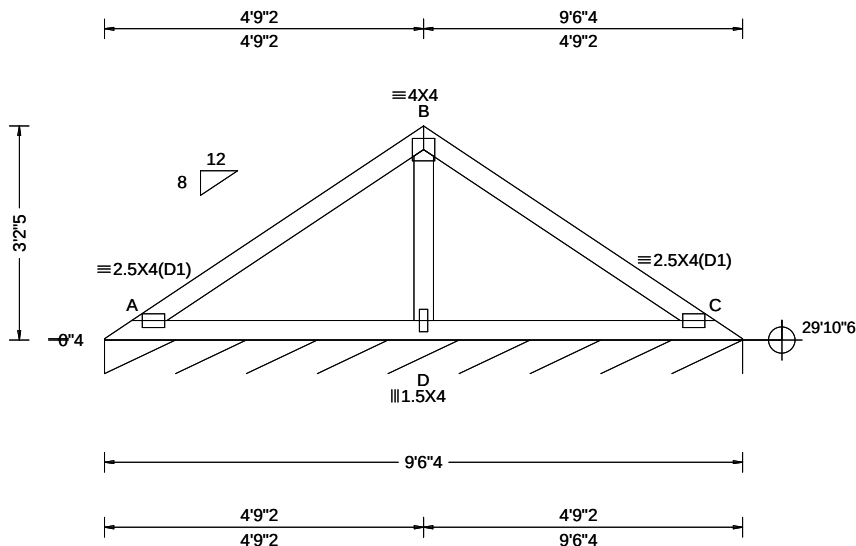
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Glenview, IL 60025

SEQN: 00000088000 VAL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: V3	Cust: R 2327 JRef: 1YK523270002 T91 DrwNo: 135.26.0900.36393 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 31.61 ft TCDL: 4.2 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. 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): 0.009 A 999 240 VERT(CL): 0.017 A 999 180 HORZ(LL): -0.005 C - - HORZ(TL): 0.009 C - - Creep Factor: 2.0 Max TC CSI: 0.243 Max BC CSI: 0.193 Max Web CSI: 0.145 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 77 /- /- /37 /39 /10 Wind reactions based on MWFRS C Brg Wid = 114 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - D 488 -446

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.
See DWGS VALTN220723 and VAL180220723 for valley details.



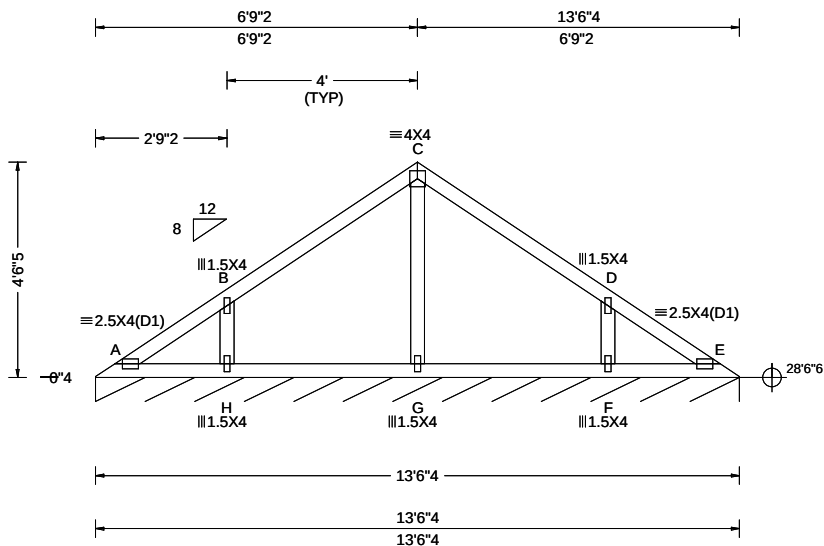
COA #0278

05/18/2026
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Glenview, IL 60025

SEQN: 00000088001 VAL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: V4	Cust: R 2327 JRef: 1YK523270002 T90 DrwNo: 135.26.0904.30350 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 30.94 ft TCDL: 4.2 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. 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 C 999 240 VERT(CL): 0.001 A 999 180 HORZ(LL): -0.000 A - - HORZ(TL): 0.002 B - - Creep Factor: 2.0 Max TC CSI: 0.174 Max BC CSI: 0.082 Max Web CSI: 0.100 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 77 /- /- /37 /40 /11 Wind reactions based on MWFRS E Brg Wid = 162 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.

Wind loading based on both gable and hip roof types.

See DWGS VALTN220723 and VAL180220723 for valley details.



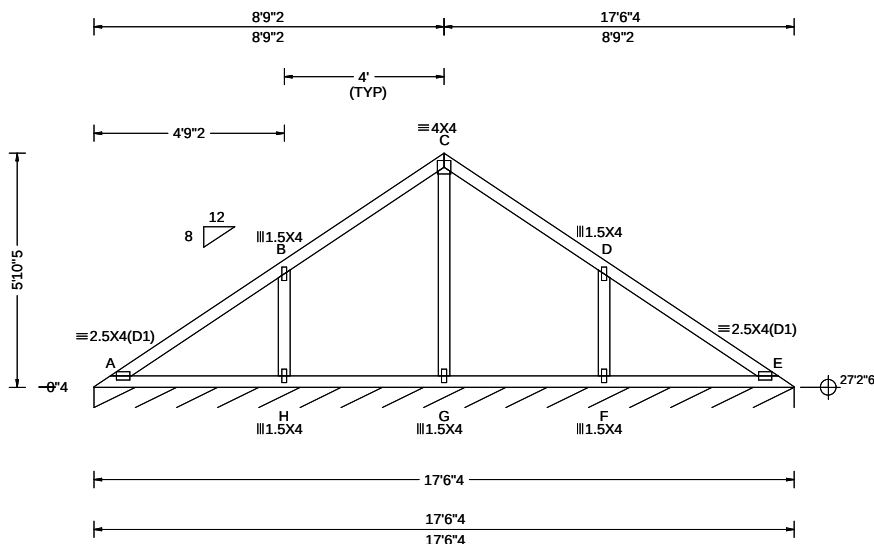
COA #0278

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SEQN: 00000088002 VAL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: V5	Cust: R 2327 JRef: 1YK523270002 T89 DrwNo: 135.26.0904.40570 JB / WHK 05/15/2026
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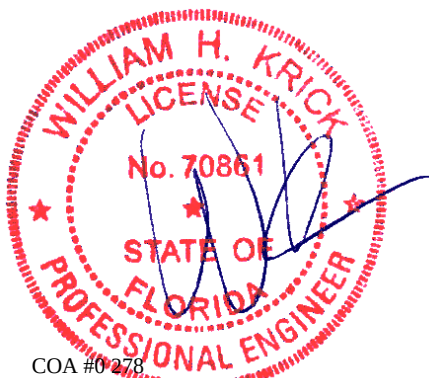
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 30.27 ft TCDL: 4.2 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 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. 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): 0.007 E 999 240 VERT(CL): 0.014 E 999 180 HORZ(LL): -0.004 E - - HORZ(TL): 0.007 E - - Creep Factor: 2.0 Max TC CSI: 0.224 Max BC CSI: 0.128 Max Web CSI: 0.156 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 77 /- /- /37 /41 /11 Wind reactions based on MWFRS E Brg Wid = 210 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - H 395 -283 F - D 395 -283

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.
See DWGS VALTN220723 and VAL180220723 for valley details.



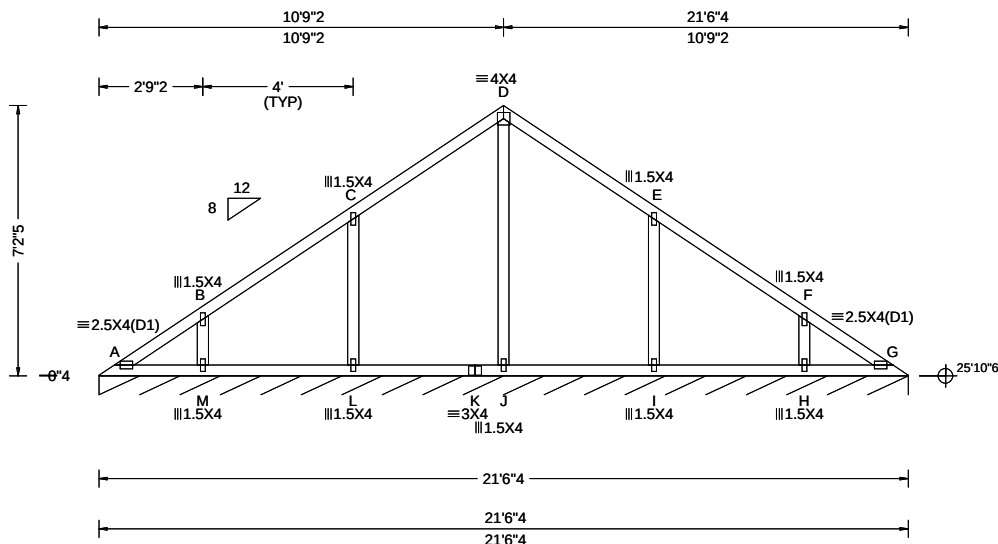
COA #0278

05/18/2026
Florida Certificate of Product Approval #FL 1999

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SEQN: 00000088003 VAL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: V6	Cust: R 2327 JRef: 1YK523270002 T88 DrwNo: 135.26.0904.45563 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 29.61 ft TCDL: 4.2 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 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. 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): 0.002 G 999 180 HORZ(LL): 0.000 F - - HORZ(TL): 0.005 E - - Creep Factor: 2.0 Max TC CSI: 0.183 Max BC CSI: 0.083 Max Web CSI: 0.151 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 77 /- /- /37 /41 /11 Wind reactions based on MWFRS G Brg Wid = 258 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - L 380 -262 I - E 380 -262

Lumber

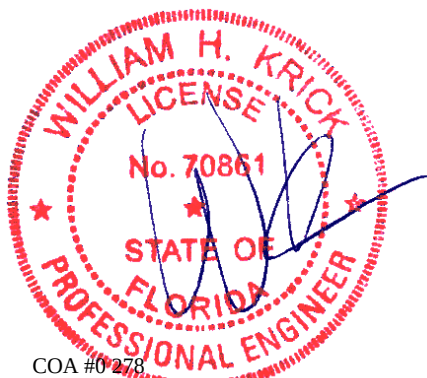
Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.



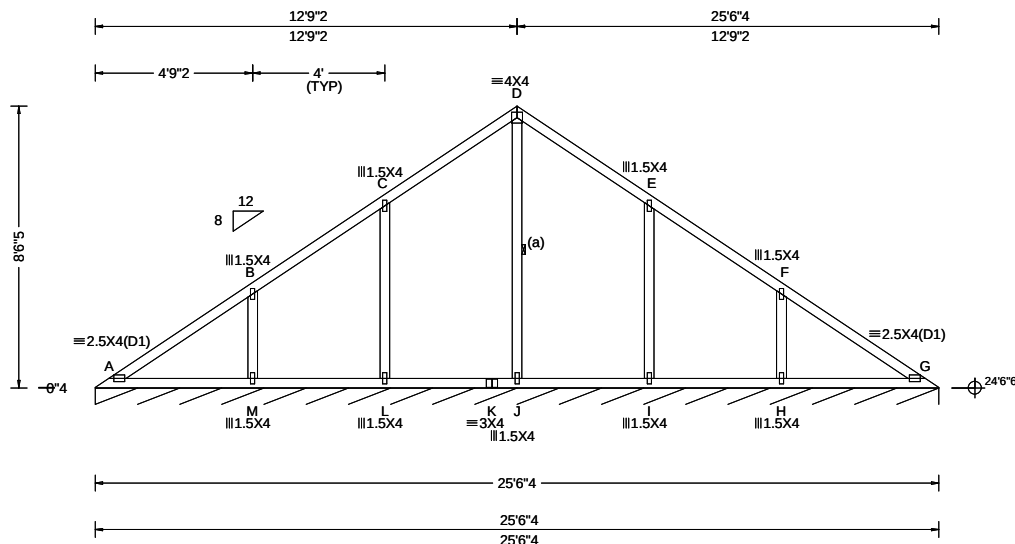
COA #0278

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SEQN: 00000088004 VAL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: V7	Cust: R 2327 JRef: 1YK523270002 T86 DrwNo: 135.26.0904.47507 JB / WHK 05/15/2026
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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: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 28.94 ft TCDL: 4.2 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. 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): 0.008 G 999 240 VERT(CL): 0.016 G 999 180 HORZ(LL): -0.003 G - - HORZ(TL): 0.009 G - - Creep Factor: 2.0 Max TC CSI: 0.176 Max BC CSI: 0.134 Max Web CSI: 0.154 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 77 /- /- /38 /40 /11 Wind reactions based on MWFRS G Brg Wid = 306 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

(a) Continuous lateral restraint equally spaced on member.

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.



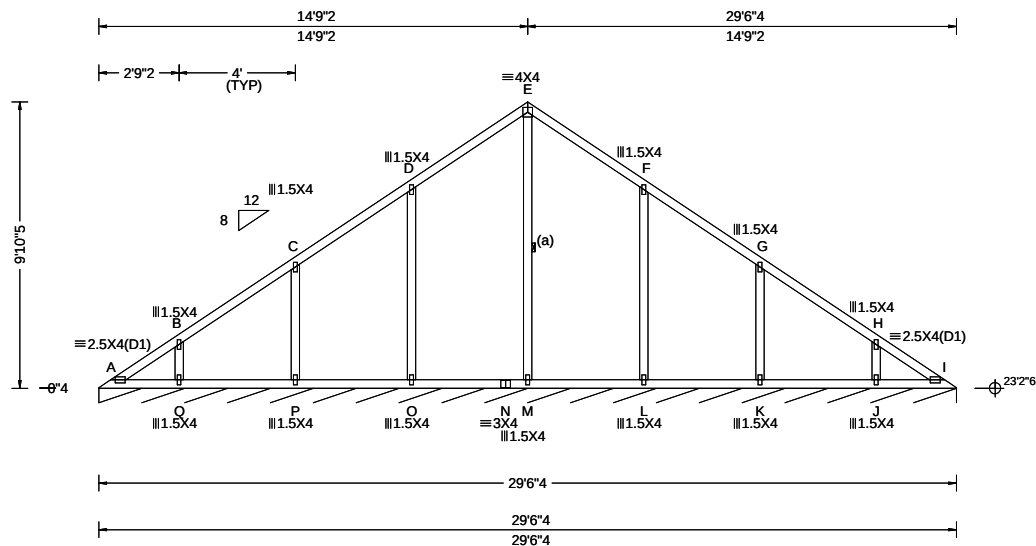
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SEQN: 00000088005 VAL FROM:	Ply: 1 Qty: 1	Job Number: Z0540 DILLON RES Truss Label: V8	Cust: R 2327 JRef: 1YK523270002 T38 DrwNo: 135.26.0904.50567 JB / WHK 05/15/2026
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 140 mph Enclosure: Enclosed Risk Category: II EXP: C Kzt: NA Mean Height: 28.27 ft TCDL: 4.2 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. 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 F 999 180 HORZ(LL): 0.001 H - - HORZ(TL): 0.010 F - - Creep Factor: 2.0 Max TC CSI: 0.185 Max BC CSI: 0.081 Max Web CSI: 0.240 VIEW Ver: 24.02.00B.1106.21	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I* 77 /- /- /38 /40 /11 Wind reactions based on MWFRS I Brg Wid = 354 Min Req = - Bearing A is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #1;
Bot chord: 2x4 SP #1;
Webs: 2x4 SP #3;

Reinforcement

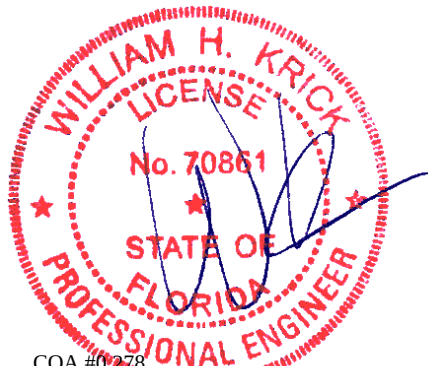
(a) Continuous lateral restraint equally spaced on member.

Wind

Member design based on both MWFRS and C&C.
Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.



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Glenview, IL 60025

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

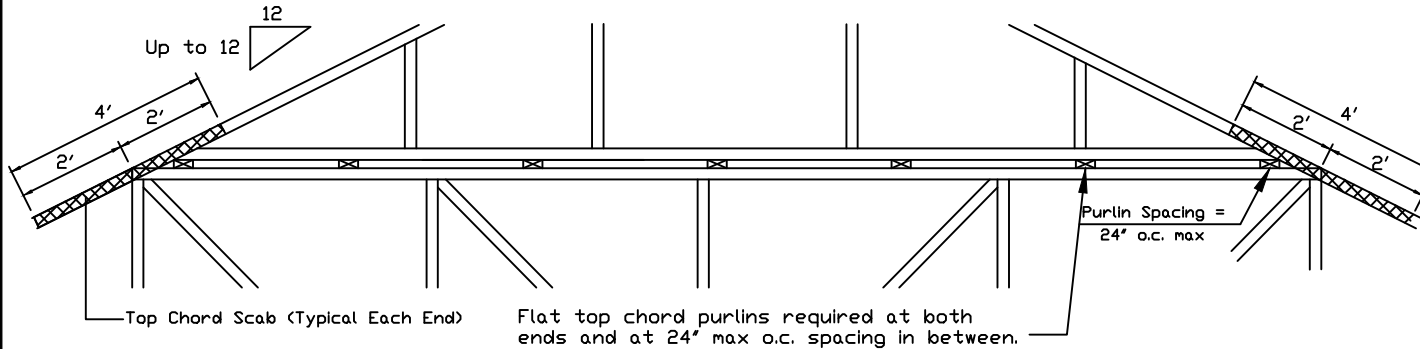
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

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

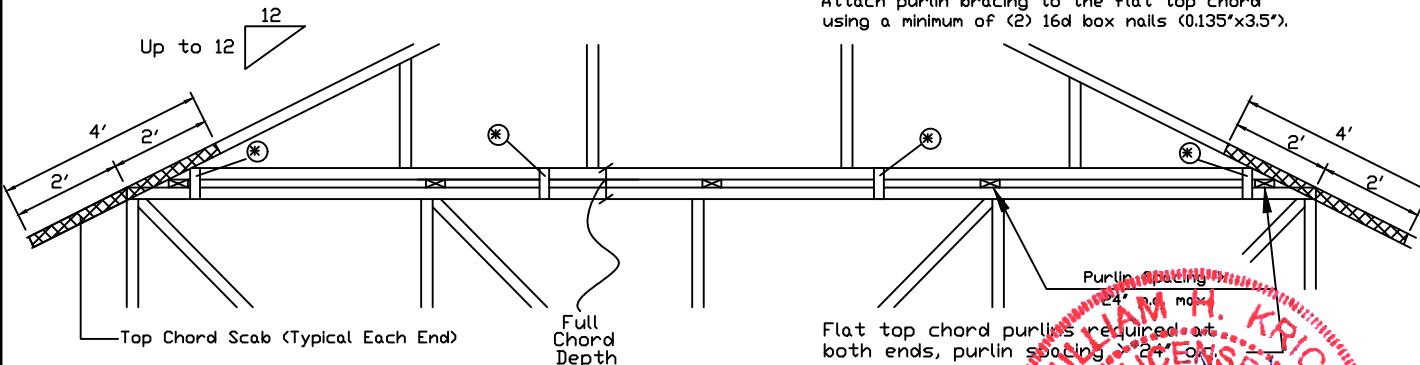


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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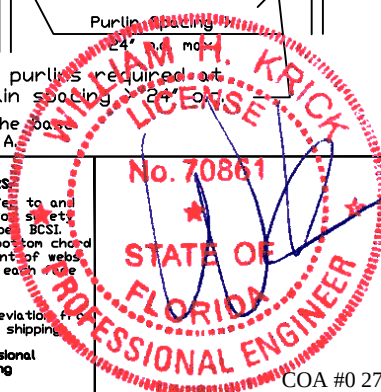
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



COA #0 278

Florida Certified Product Approver

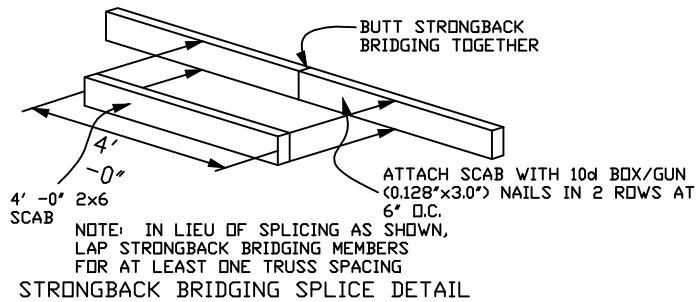
05/18/2026

SPACING 24"

REF PIGGYBACK
DATE 07/03/2023
DRWG PB160220723

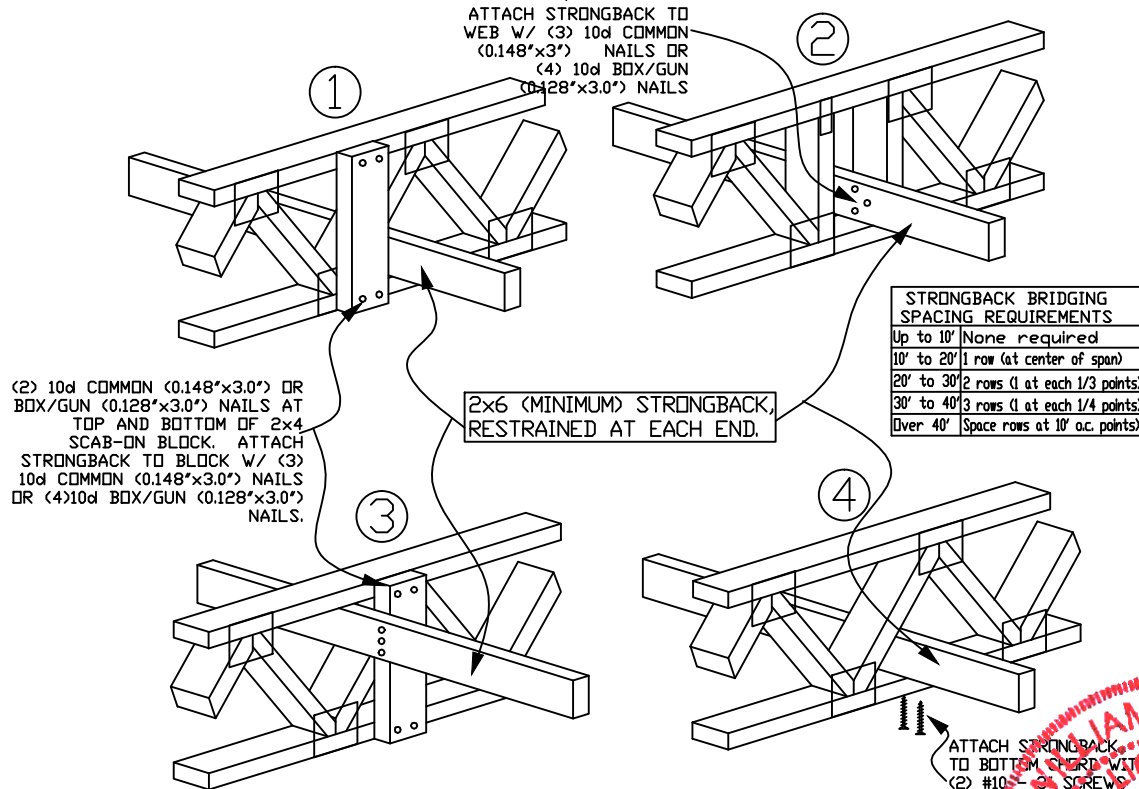
#FL 1999

STRONGBACK BRIDGING RECOMMENDATIONS



- All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- All strongback bridging and bracing shall be a minimum 2x6 "stress graded lumber."
- The purpose of strongback bridging is to develop load sharing between individual trusses, resulting in an overall increase in the stiffness of the floor system. 2x6 strongback bridging, positioned as shown in details, is recommended at 10' - 0" o.c. (max.)

NOTE: Details 1 and 2 are the preferred attachment methods



- The terms "bridging" and "bracing" are sometimes mistakenly used interchangeably. "Bracing" is an important structural requirement of any floor or roof system. Refer to the Truss Design Drawing (TDD) for the bracing requirements for each individual truss component. "Bridging," particularly "strongback bridging" is a recommendation for a truss system to help control vibration. In addition to aiding in the distribution of point loads between adjacent truss, strongback bridging serves to reduce "bounce" or residual vibration resulting from moving point loads, such as footsteps.

The performance of all floor systems are enhanced by the installation of strongback bridging and therefore is strongly recommended by Alpine.

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).

STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES



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TC LL	PSF	REF	STRONGBACK
TC DL	PSF	DATE	10/01/14
BC DL	PSF	DRWG	STRBRIBR1014
BC LL	PSF		
TOT. LD.	PSF		
COA #0 278	1.00		
DUR. FAC.			
SPACING			

05/18/2026
Florida Certificate of Product Approval #FL 1999

Commentary: Deflection and Camber

Camber may be built into trusses to compensate for the vertical deflection that results from the application of loads. Providing camber has the following advantages:

- Helps to ensure level ceilings and floors after dead loads are applied.
- Facilitates drainage to avoid ponding on flat or low slope roofs.
- Compensates for different deflection characteristics between adjacent trusses.
- Improves appearance of garage door headers and other long spans that can appear to "sag."
- Avoids "dips" in roof ridgelines at the transition from the gable to adjacent clear span trusses.

In accordance with ANSI/TPI 1 the Building Designer, through the Construction Documents, shall provide the location, direction, and magnitude of all loads attributable to ponding that may occur due to the design of the roof drainage system. The Building Designer shall also specify any dead load, live load, and in-service creep deflection criteria for flat or low-slope roofs subject to ponding loads.

The amount of camber is dependent on the truss type, span, loading, application, etceteras.

More restrictive limits for allowable deflection and slenderness ratio (L/D) may be required to help control vibration.

The following tables are provided as guidelines for limiting deflection and estimating camber. Conditions or codes may exist that require exceeding these recommendations, or past experience may warrant using more stringent limitations.

L = Span of Truss (inches)
D = Depth of Truss at Deflection Point (inches)

Recommended Truss Deflection Limits

Truss Type	L/D	Deflection Limits	
		Live Load	Total Load
Pitched Roof Trusses	24	L/240 (vertical)	L/180 (vertical)
Floor of Room-In-Attic Trusses	24	L/360 (vertical)	L/240 (vertical)
Flat or Shallow Pitched Roof Trusses	24	L/360 (vertical)	L/240 (vertical)
Residential Floor Trusses	24	L/360 (vertical)	L/240 (vertical)
Commercial Floor Trusses	20	L/480 (vertical)	L/240 (vertical)
Scissors Trusses	24	0.75" (horizontal)	1.25" (horizontal)

Truss Type	Recommended Camber
Pitched Trusses	1.00 x Deflection from Actual Dead Load
Sloping Parallel Chord Trusses	1.5 x Vertical Deflection from Actual Dead Load
Floor Trusses	(0.25 x Deflection from Live Load) + Actual Dead Load
Flat Roof Trusses	(0.25 x Deflection from Live Load) + (1.5 x Design Dead Load Deflection)

Note: The actual dead load may be considerably less than the design dead load.

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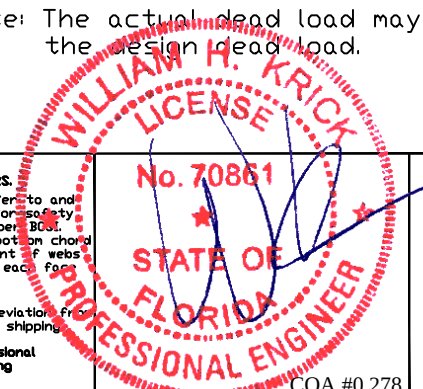
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155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025



COA #0 278

Florida Certificate of Product Approval #FL 1999

REF	DEFLEC/CAMB
DATE	10/01/14
DRWG	DEFLCAMB1014

05/18/2026

CLR Reinforcing Member Substitution

This detail is to be used for ANSI/TPI 1-2014 standards and older when a Continuous Lateral Restraint (CLR) is specified on a truss design and 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.

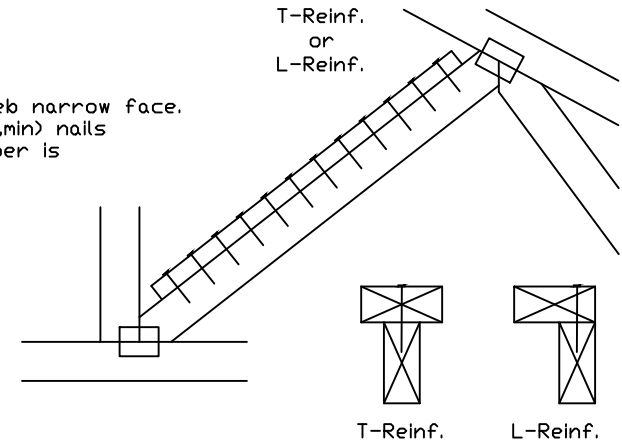
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(X)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(X)

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.

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

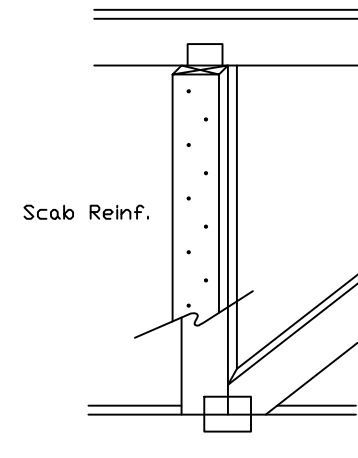
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.131"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 (0.131"x3.0",min) nails at 6' o.c. Reinforcing member is a minimum 80% of web member length.



Rev: 01/23/26



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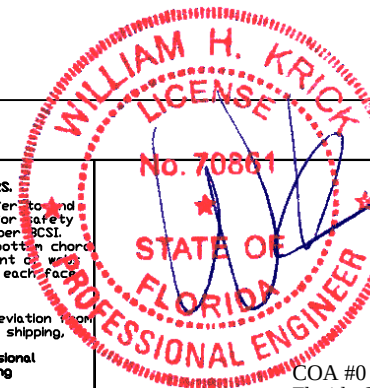
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TC LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	01/02/19
BC DL	PSF	DRWG	BRCLBSUB0119
BC LL	PSF		
TOT. LD.	PSF		
COA #0 278	DUR: 5/18/2026		
Florida Certificate of Product Approval #FL-999	SPACING		

Valley Detail - ASCE 7-22: 180 mph, 30' Mean Height, Partially Enclosed, Exp. C, Kzt=1.00

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

****Attach each valley to every supporting truss with:**
535# connection or with (1) Simpson H2.5A or equivalent connector for
ASCE 7-22 180 mph. 30' Mean Height, Part. Enc.
Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00
Or
ASCE 7-22 160 mph. 30' Mean Height, Part. Enc.
Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

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

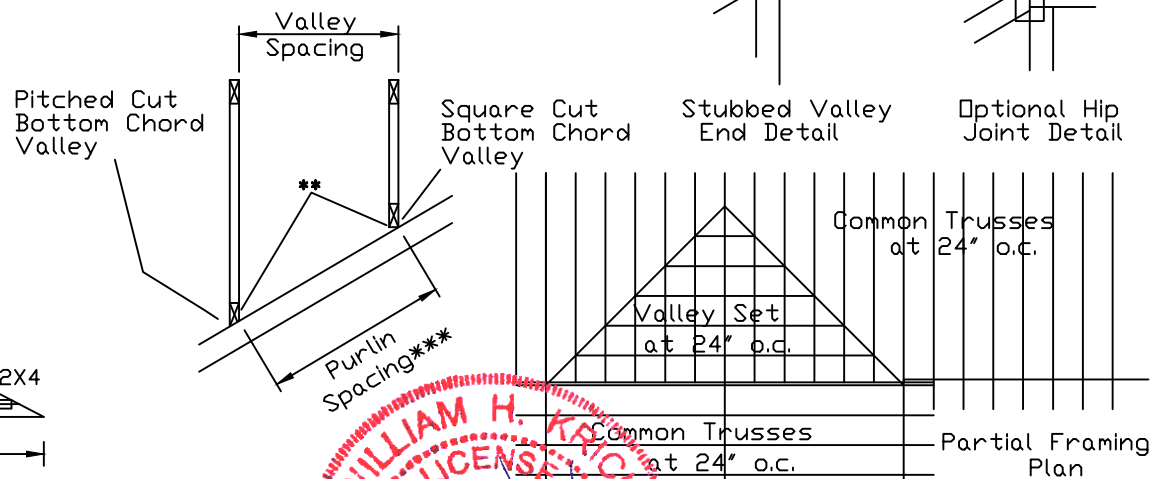
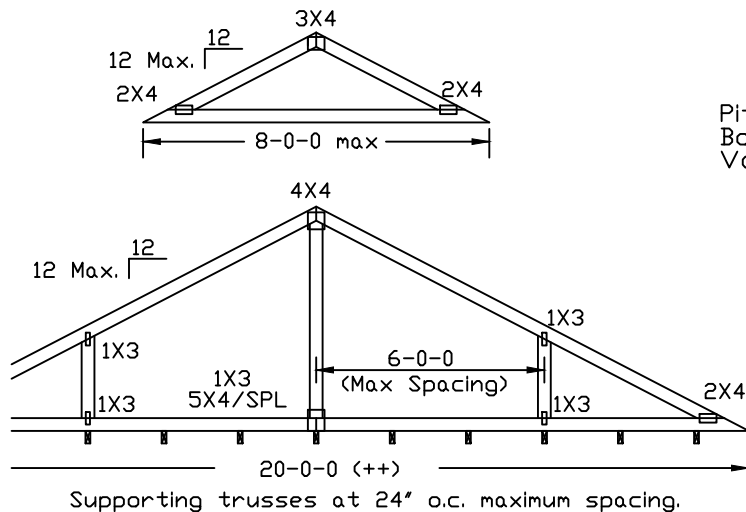
All plates shown are Alpine Wave Plates.

Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7'-9" apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.131" x 3.0") nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

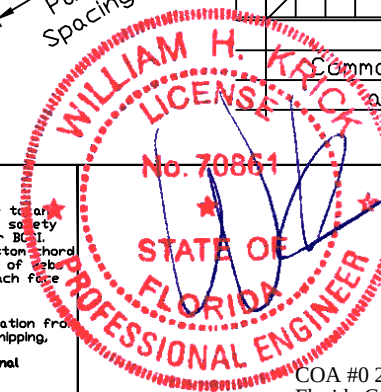
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss installation.
Or
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

******* Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

++ Larger spans may be built as long as the vertical height does not exceed 14'-0".



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TC LL	30	30	40PSF	REF	VALLEY DETAIL
TC DL	20	15	7PSF	DATE	07/03/2023
BC DL	10	10	10 PSF	DRWG	VAL180220723
BC LL	0	0	0PSF		
TOT. LD.	60	55	57PSF		
COA #0278	05/18/2026				
BUR.FAC.125/1.33	1.15	1.15			
SPACING	24.0"				

Rev: 01/23/26

Valley Detail - ASCE 7-22: 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

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

*** Attach each valley to every supporting truss with:
(2) 16d box (0.135" x 3.5") nails toe-nailed for
ASCE 7-22, 30' Mean Height, Enclosed Building, Exp. C,
Wind TC DL=5 psf, Kzt = 1.00, Max. Wind Speed based on
supporting truss material at connection location:
140 mph for SP (G = 0.55, min.),
125 mph for DF-L (G = 0.50, min.), or
105 mph for HF & SPF (G = 0.42, min.).

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

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

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

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Unless specified otherwise on engineer's sealed design, for vertical
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(0.131" x 3.0") nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous
Lateral Restraint applied at mid-length of web is permitted with diagonal
bracing as shown in DRWG BRCLBANC1014.

Top chord of truss beneath valley set must be braced with:
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installation.

Or

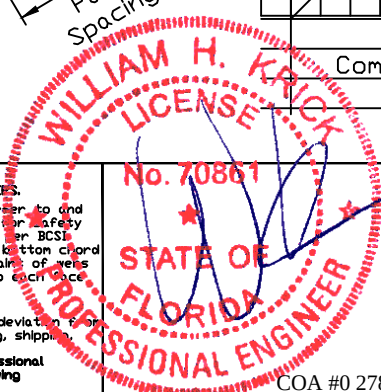
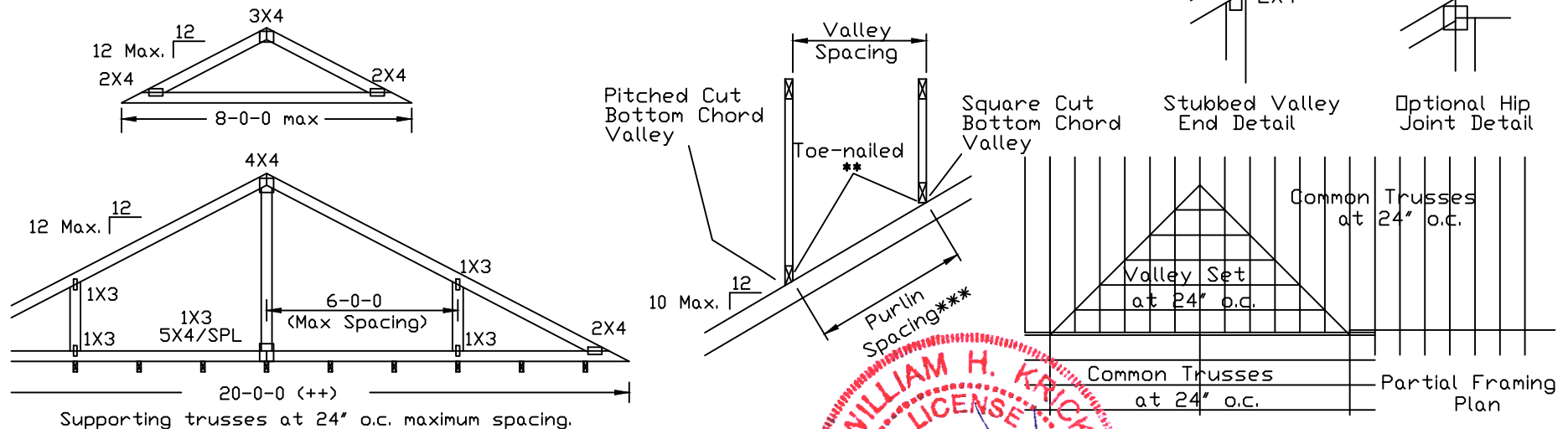
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design

Or

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

*** Note that the purlin spacing for bracing the top chord of the truss
beneath the valley is measured along the slope of the top chord.

++ Larger spans may be built as long as the vertical height does
not exceed 14'-0".



Rev: 01/23/26



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No. 70861

STATE OF FLORIDA
PROFESSIONAL ENGINEER

COA #0 278

Florida Certificate of Product Approval #FL 1999

TC LL	30	30	40PSF	REF	VALLEY DETAIL
TC DL	20	15	7 PSF	DATE	07/03/2023
BC DL	10	10	10 PSF	DRWG	VALTN220723
BC LL	0	0	0 PSF		
TOT. LD.	60	55	57PSF		
SPACING	24"	24"	24"		